

**LiDAR / DGPS Survey report for Forest Diversion of
proposed OFC Cable routes in Jashpur Forest Division with
Route Total Length 578.86 Km. Segment-I 348.280 Km &
Segment-II 230.580 Km Respectively under (CG) SKY
Project**

APPLICATION SUBMITTED BY:

Jio Digital Fibre Private Ltd.



LIDAR / DGPS SURVEY AND GIS MAPPING DONE BY:

Genesys International Corporation Limited
Mumbai, Maharashtra



Contents

1 INTRODUCTION AND BACKGROUND	3
1.1 Background.....	3
1.2 Proposed Routes	4
1.3 Work Location.....	6
1.4 Objective.....	8
2 SCOPE OF WORK.....	9
3 DELIVERABLES.....	10
4 TECHNICAL APPROACH (BRIEF DESCRIPTION)	11
4.1 GCP Establishment for LiDAR (DGPS) Survey:	11
4.2 Mobile LiDAR (DGPS) data collection:	12
4.3 DRS / GIS Map Creation Using LiDAR data:	12
4.4 Demarcation of Proposed OFC on LiDAR data:	13
4.5 Geo-referencing of Maps:	15
4.6 Creation of Vector Data for Forest Diversion:	16
4.7 Generation of Map and Survey Reports for Forest Diversion:	17
5 DGPS SURVEY RESULTS	18
5.1 Forest Area Statement (Segment-I &II) (Annexure-1):	
5.2 DGPS Surveyed coordinates of Forest Patches (Segment-I &II) (Annexure-2)	
5.3 Geo-Referenced Maps of the Proposed Route (Segment-I &II) (Annexure-3)	
5.4 DGPS Maps of the Proposed Route (Segment-I &II) (Annexure-4)	

1 Introduction and Background

1.1 Background

The Chhattisgarh Infotech Promotion Society (CHiPS) has selected an implementation partner (i.e. Jio Digital Fibre Private Ltd.) for Sanchar Kranti Yojna (CG-SKY) project. The Government has taken a leap forward to design the Sanchar Kranti Yojna (CG-SKY) for providing a solution to improve the telecom connectivity in the state of Chhattisgarh by incentivizing the telecom operators to install Cell-Sites. In order to create commercial viability for Telecom operators to invest in the network infrastructure the Government is distributing approx. 50 lakh Smartphones. The primary objective is to ensure the mobile network connectivity is extended to all villages in state of Chhattisgarh with a population of 1000 or above as per the 2011 census and to further strengthen network coverage in all towns and villages, which already have coverage by either erecting new telecom towers or upgradation of existing towers. Based on preliminary assessment, besides the urban areas, approximately 14,000 villages will come under network connectivity and approximately 50,80,000 Smartphones will be distributed under the CG-SKY scheme. The scheme would cover all villages and towns in the State of Chhattisgarh, except those villages having less than 1,000 population and not having connectivity. It may be noted that villages with less than 1,000 population, but having connectivity shall be considered for the CG-SKY.

1.2 Proposed Routes

Following image (Fig-1.1) shows the proposed routes in Jashpur Division-Segment-I

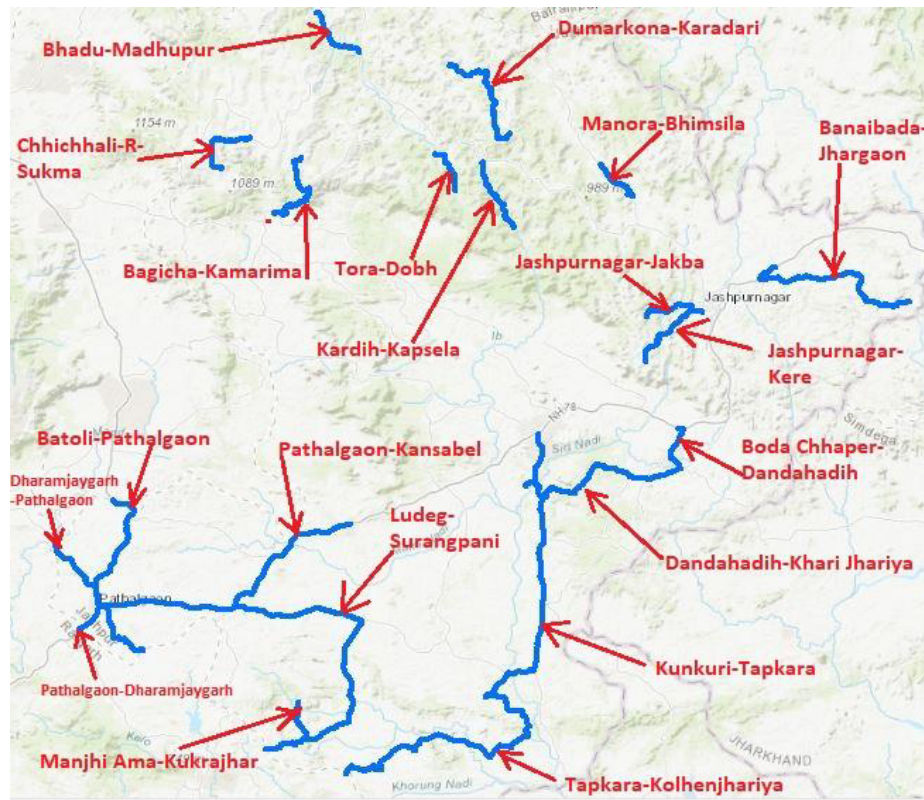


Fig-1.1: OFC Cable Proposed Routes on Online Map in Jashpur Division Segment-I

Following image (Fig-1.2) shows the proposed routes in Jashpur Division Segment-II

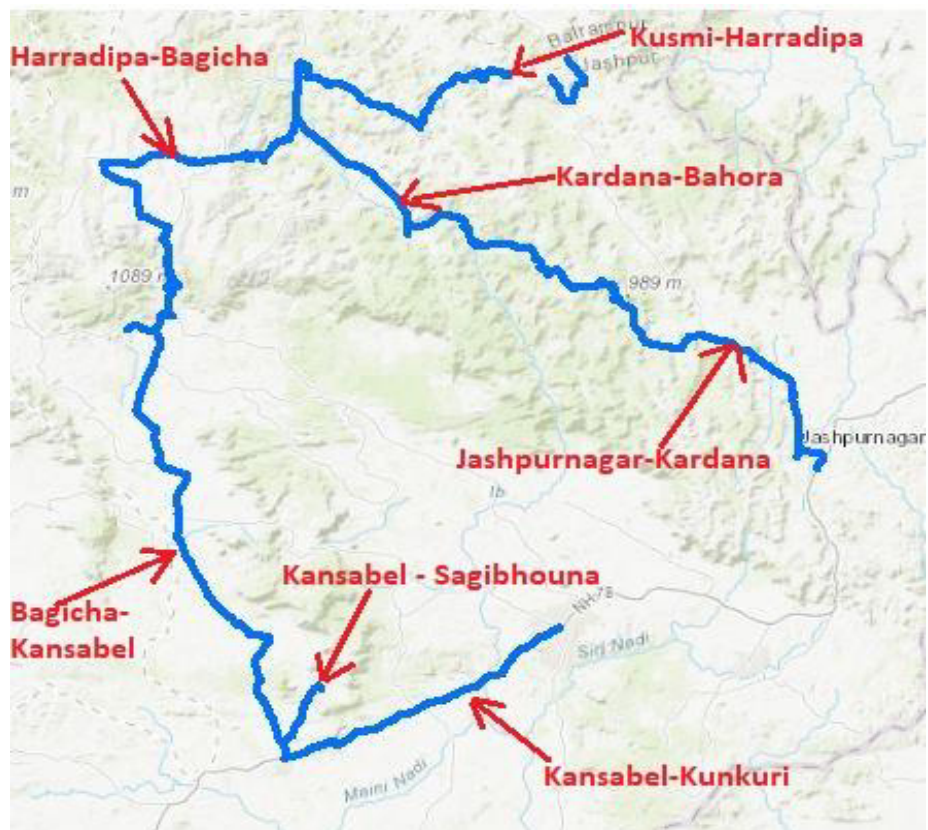


Fig-1.2: OFC Cable Proposed Routes on Online Map in Jashpur Division Segment-II

1.3 Work Location

The proposed OFC Cable route in Jashpur Forest Division (Tehsils covered along the route are: Bagicha, Manora, Jashpur, Duldula, Kunkuri, Kansabel, Farsabahar, Pathalgaon) District: Jashpur. The Division length is approx. 348.280 km. The survey site passes through forest ranges – Tapkara, Patahalgaon, Kansabel of Jashpur forest division. The OFC Cable route is covered under Survey of India Toposheets 64M8, 64M12, 64M16, 64N5, 64N6, 64N7, 64N9, 64N10, 64N11, 64N13, 64N14, 64N15, 73A4, 73A8, 73B1, 73B2, 73B3, 73B5, 73B6 on RF 1:50000.

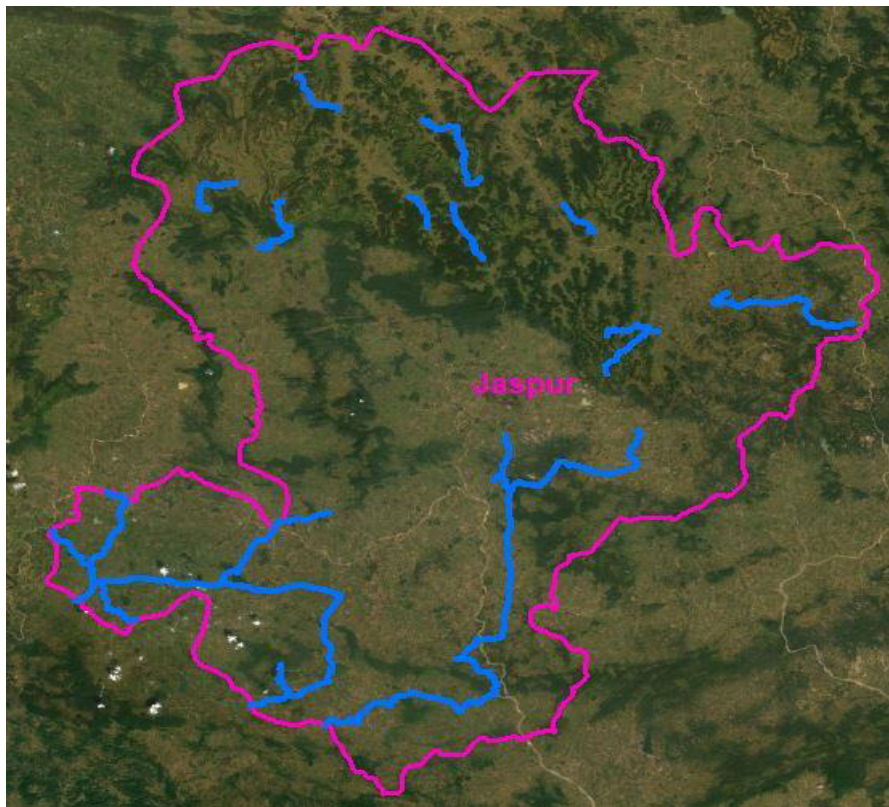


Fig-2.1: OFC Cable Proposed Routes on Satellite Imagery in Jashpur Division
Segment-I

The proposed OFC Cable route in Jashpur Forest Division (Tehsils covered along the route are: Manora, Bagicha, Kansabel, Kunkuri) District: Jashpur. The Division length is approx. 230.580 km. The survey site passes through forest ranges – Manora, Sanna, Bagicha, Kansabel, Kunkuri, Jashpur forest division. The OFC Cable route is covered under Survey of India Toposheets .64M12, 64M16, 64N9, 64N10, 64N13, 64N14, A4, 73B1, 73B2 on RF 1:50000.

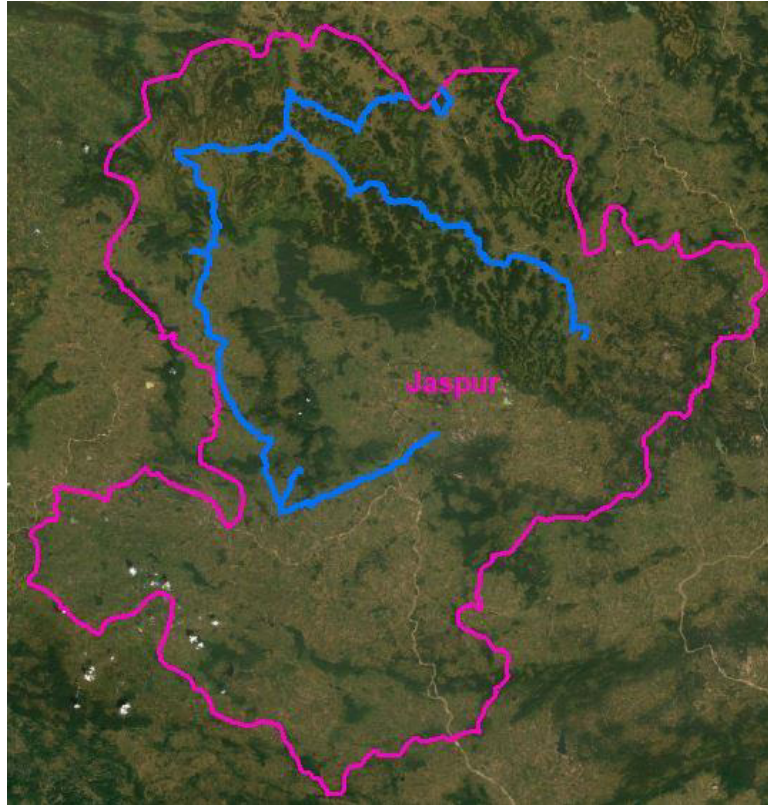


Fig-2.2: OFC Cable Proposed Routes on Satellite Imagery in Jashpur Division
Segment-II

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 Differential GPS (DGPS) and the same should be uploaded to MoEF website along with the online application.

To meet this requirement, Jio Digital Fibre Private Limited entrusted the DGPS survey work to M/s Genesys International Corporation Ltd., Mumbai, through Mobile LiDAR Technology.

2 Scope of Work

1. Establishment of one base station with 72 Hours observation and secondary control points at every 10km along the proposed route.
2. DGPS Survey for collection of ground coordinates along the OFC Cable trench at every 50m 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
 - a. Geo-referencing of SOI Toposheet (1:50000), Forest Stock map (1:15000, if available) and satellite imagery
 - b. Creation of OFC Cable trench boundary vector map using the DGPS Surveyed data
 - c. Superimposition of cable route layer on Geo-referenced forest maps, SOI Toposheet and Satellite imagery.
 - d. Computation of Forest area proposed for diversion. It includes Reserved/Protected Forest & Revenue Forest.
 - e. Preparation of Geo-referenced forest map at 1:15000 scale, and SOI Toposheet at 1:50000 scale.
 - f. Preparation of DGPS survey report along with soft copy of maps in shapefile format and kml file
4. Printing of report and Geo-referenced maps and Technical compliance.

3 Deliverables

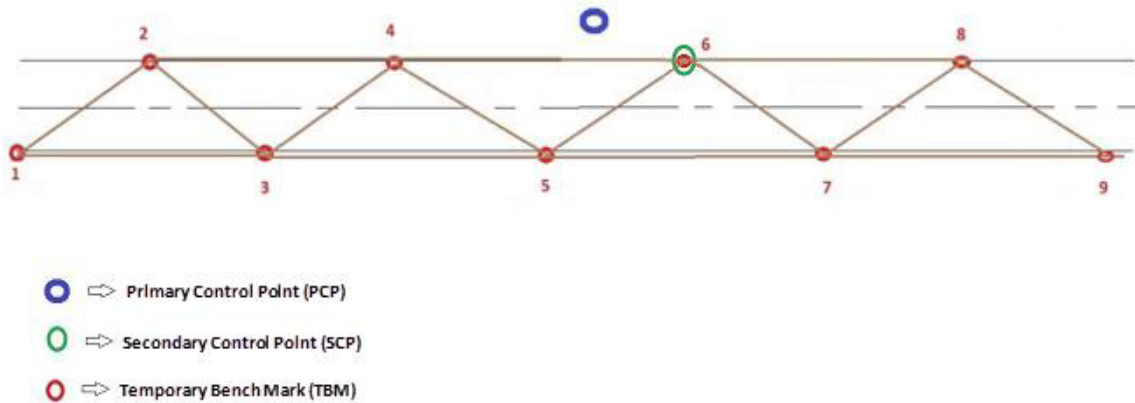
The deliverables envisaged for the assignment are described below

1. Post processed DGPS observations data as well as raw data in RINEX format.
2. DGPS Reports - Base line & network adjustment report for the primary and Secondary Control Points.
3. Geo-referenced SOI maps & forest block maps based on DGPS observations – Hard and Soft Copy (SHP and KML formats).
4. Proposed Forest Diversion area statement as per DGPS Survey
5. DGPS Survey and mapping report

4 Technical Approach (Brief Description)

4.1 GCP Establishment for LiDAR (DGPS) Survey:

Example of defined Triangular Network GCP method.



Primary Control Point: 72 Hours of DGPS observation for Post Processing the PCP data with IGS stations.

Secondary Control Point: 2 - 4 Hours of DGPS observation for Post Processing the SCP data with PCP Data.

Temporary Bench Mark: 1 Hour of DGPS observation for improving the spatial accuracy of the LiDAR point cloud data.

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.



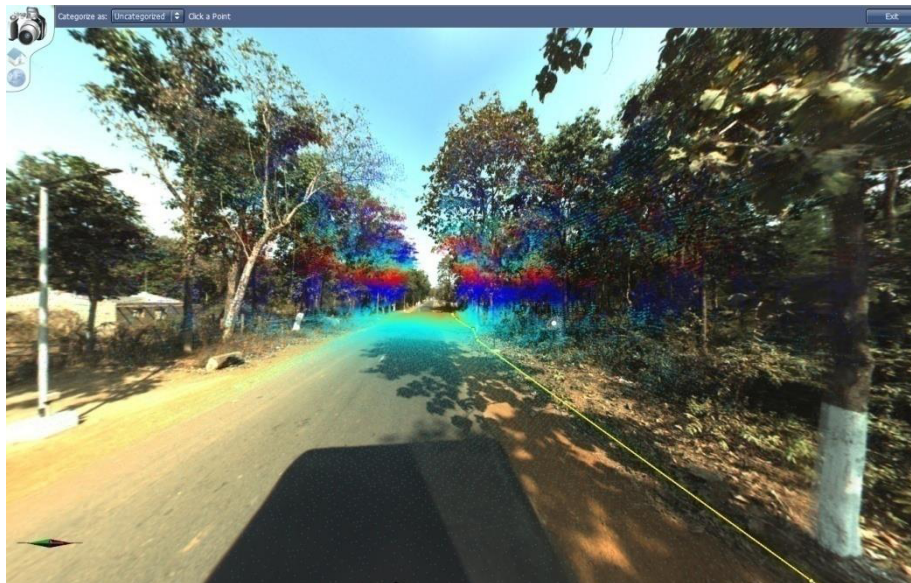
Feature Extraction on LiDAR



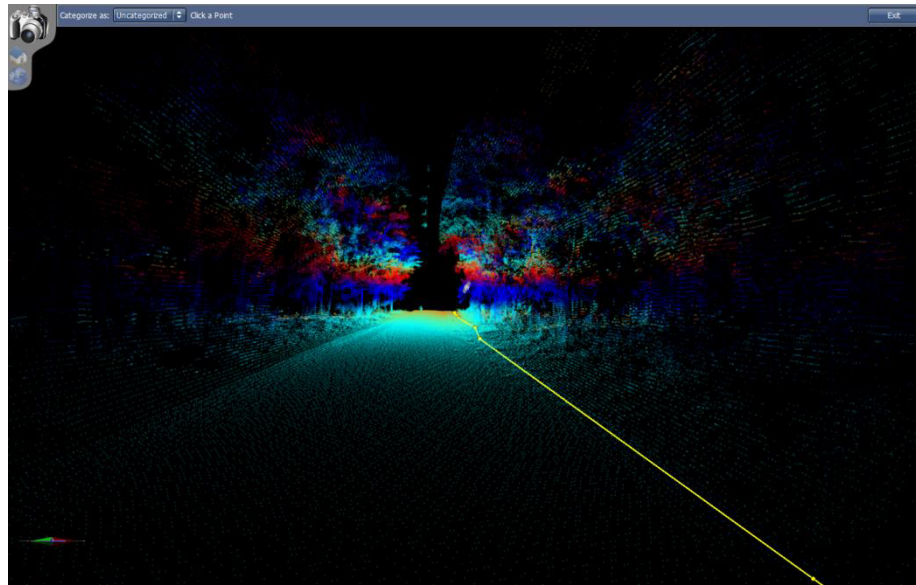
Final DRS / GIS Map

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.



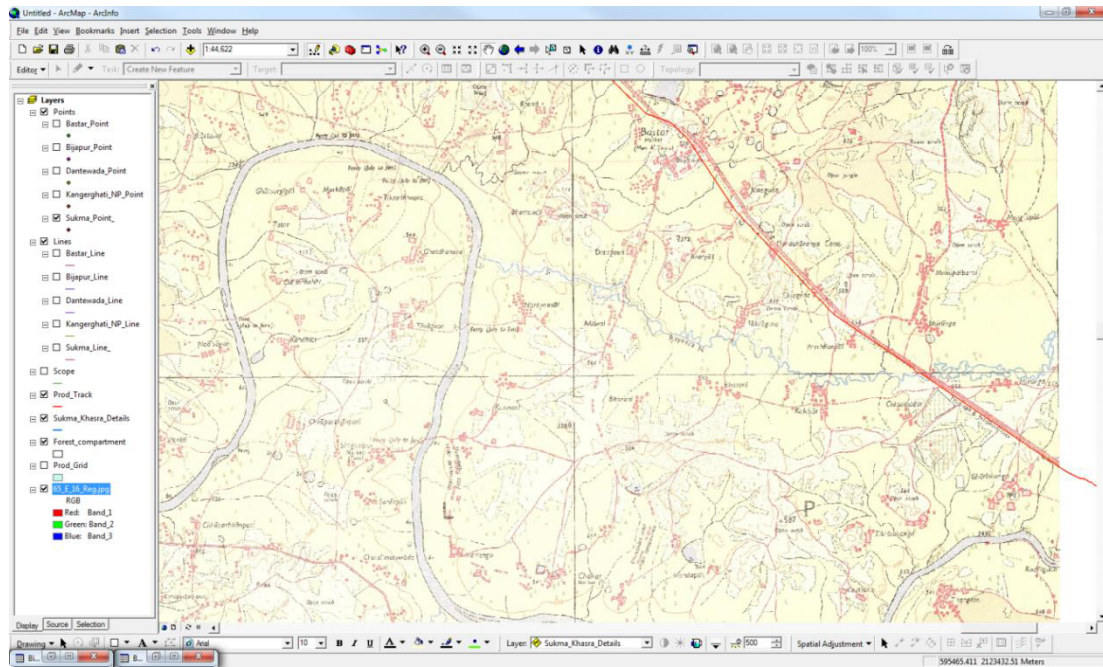
Proposed OFC Line on LiDAR Data (with Panoramic Imagery)



Proposed OFC Line on LiDAR Data only

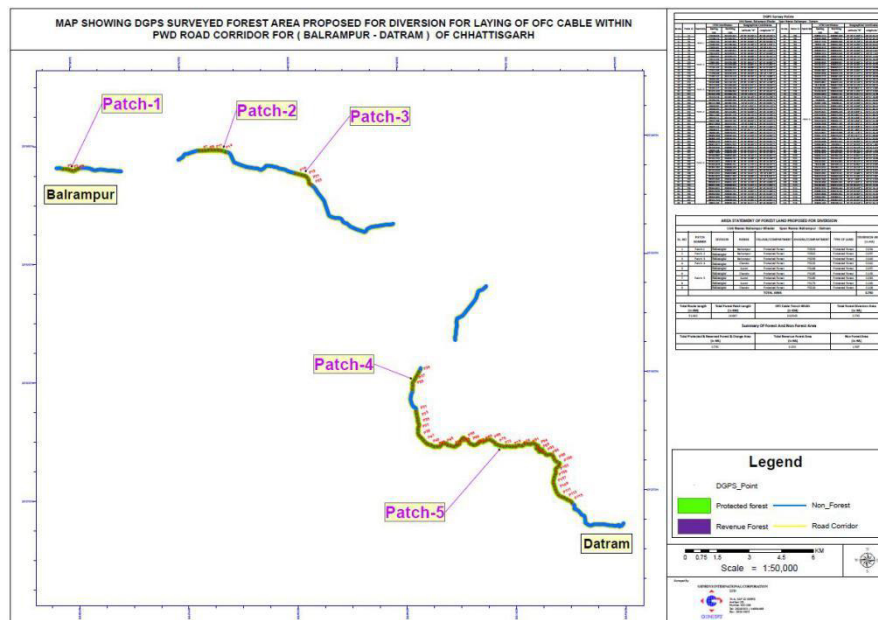
4.5 Geo-referencing of Maps:

Geo-referencing of Revenue Village Maps, SOI Toposheets and Forest Maps are to be done. SOI Toposheets and Forest Maps 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 (at least 5 GCPs for a village having Government Forest Land are to be collected)



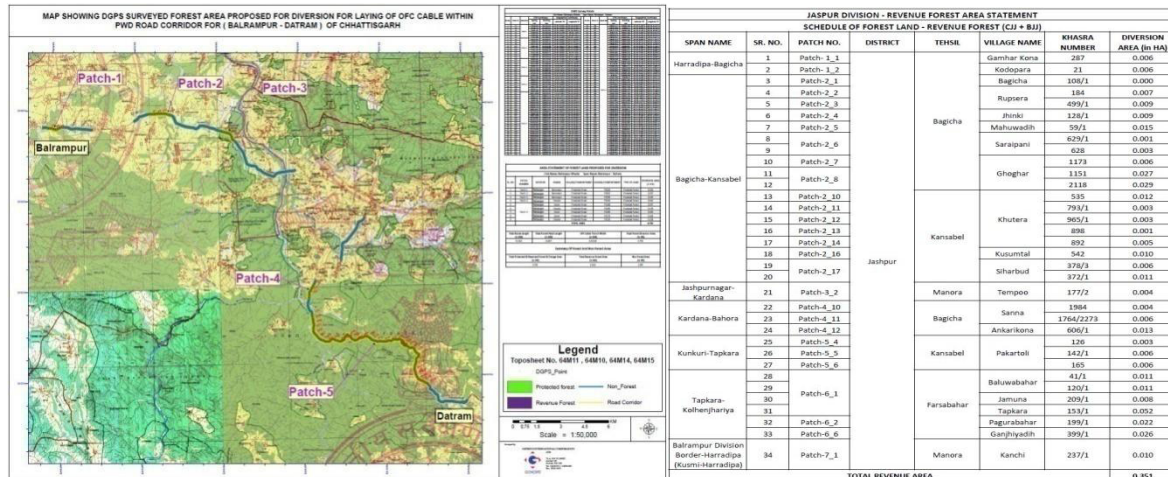
4.6 Creation of Vector Data for Forest Diversion:

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



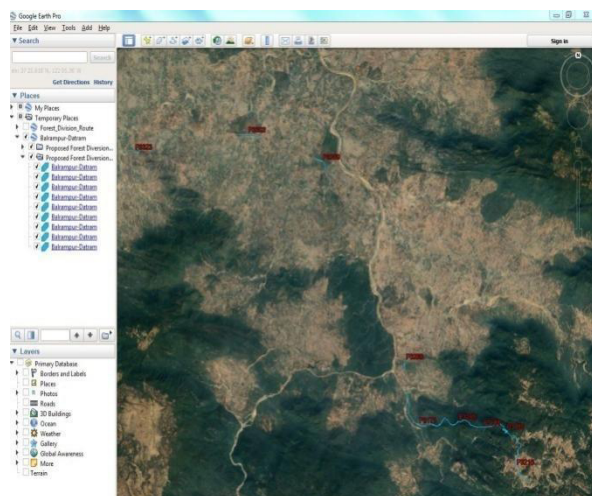
4.7 Generation of Map and Survey Reports for Forest Diversion:

A map is created by overlaying the created vector data for the forest patches on the Geo-referenced SOI Toposheets / Forest Maps. The reports are generated for DGPS Points (with Lat/long) placed at the regular intervals of 150m on the proposed OFC route in the forest area. Another report is generated having area calculation for the proposed trench area in different type of Forest Lands. Samples of these are as below.



Geo-referenced Map

Forest Area Statement 1



KML File

DGPS Survey Points						
Jasgur Division						
Sr.No.	Point ID	Patch No	UTM Coordinates		Geographical Coordinates	
			Easting (m)	Northing (m)	Latitude "N"	Longitude "E"
1	P1	Patch-1_1	784783.839	2563180.832	23° 9' 10.952" N	83° 46' 52.558" E
2	P2		784722.029	2563192.387	23° 9' 11.365" N	83° 46' 50.394" E
3	P3		784660.394	2563204.822	23° 9' 11.808" N	83° 46' 48.238" E
4	P4	Patch-1_2	782507.989	2563583.485	23° 9' 25.437" N	83° 45' 32.882" E
5	P5		782478.669	2563629.794	23° 9' 26.959" N	83° 45' 31.883" E
6	P6		782491.242	2563685.341	23° 9' 28.756" N	83° 45' 32.362" E
7	P7	Patch-1_3	782630.138	2564413.352	23° 9' 52.317" N	83° 45' 37.726" E
8	P8		782557.468	2564333.241	23° 9' 49.760" N	83° 45' 35.120" E
9	P9		782535.966	2564208.425	23° 9' 45.719" N	83° 45' 34.281" E
10	P10	Patch-1_4	781883.634	2562868.611	23° 9' 2.600" N	83° 45' 10.475" E
11	P11		781890.026	2562718.86	23° 8' 57.732" N	83° 45' 10.600" E
12	P12		781837.512	2562582.486	23° 8' 53.335" N	83° 45' 8.665" E
13	P13		781763.554	2562452.425	23° 8' 49.156" N	83° 45' 5.981" E
14	P14	Patch-1_5	781727.130	2562313.878	23° 8' 44.678" N	83° 45' 4.610" E
15	P15		781188.989	2558613.043	23° 6' 44.796" N	83° 44' 43.259" E
16	P16		781104.435	2558489.422	23° 6' 40.832" N	83° 44' 40.208" E
17	P17		781017.132	2558371.495	23° 6' 37.053" N	83° 44' 37.064" E
18	P18		780907.049	2558354.302	23° 6' 36.563" N	83° 44' 33.187" E
19	P19		780797.983	2558329.207	23° 6' 35.815" N	83° 44' 29.340" E
20	P20	Patch-1_6	778219.961	2556965.349	23° 5' 53.079" N	83° 42' 57.917" E
21	P21		778162.061	2556872.654	23° 5' 50.103" N	83° 42' 55.823" E
22	P22		778162.947	2556730.58	23° 5' 45.487" N	83° 42' 55.761" E
23	P23		778039.634	2556651.849	23° 5' 43.004" N	83° 42' 51.380" E
24	P24		777949.518	2556753.241	23° 5' 46.352" N	83° 42' 48.282" E
25	P25		777923.998	2556891.309	23° 5' 50.853" N	83° 42' 47.476" E
26	P26		777939.120	2557033.764	23° 5' 55.471" N	83° 42' 48.100" E
27	P27		777908.466	2557162.044	23° 5' 59.656" N	83° 42' 47.107" E
28	P28		777841.380	2557160.129	23° 5' 59.635" N	83° 42' 44.750" E
29	P29		777752.756	2557039.44	23° 5' 55.768" N	83° 42' 41.560" E
30	P30	Patch-1_7	777619.912	2557049.039	23° 5' 56.160" N	83° 42' 36.901" E
31	P31		777500.348	2557064.94	23° 5' 56.748" N	83° 42' 32.713" E
32	P32		777395.609	2556958.254	23° 5' 53.346" N	83° 42' 28.966" E
33	P33		777274.137	2556870.293	23° 5' 50.562" N	83° 42' 24.643" E
34	P34		777137.431	2556856.404	23° 5' 50.193" N	83° 42' 19.834" E
35	P35		776999.421	2556840.498	23° 5' 49.760" N	83° 42' 14.977" E
36	P36		776850.026	2556844.931	23° 5' 49.993" N	83° 42' 9.734" E
37	P37		776703.962	2556864.579	23° 5' 50.720" N	83° 42' 4.618" E
38	P38		776534.722	2556748.684	23° 5' 47.057" N	83° 41' 58.600" E
39	P39		776534.722	2556748.684	23° 5' 47.057" N	83° 41' 58.600" E
40	P40	Patch-1_7	774503.119	2556428.672	23° 5' 37.877" N	83° 40' 47.055" E
41	P41		774407.058	2556398.070	23° 5' 36.941" N	83° 40' 43.662" E
42	P42		774283.498	2556372.210	23° 5' 36.174" N	83° 40' 39.307" E

DGPS Survey Point Details

5 DGPS Survey Results

The total route length is approx. 578.86 km (Segment-I 348.280 Km & Segment-II 230.580 Km) and the total proposed forest area for diversion is 7.773 Ha. (Segment-I 4.772 Ha. & Segment-II 3.001 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, and DGPS Maps of the Proposed Route (Annexure-4)

SCHEDULE OF FOREST LAND-RESERVE & PROTECTED FOREST										
JASHPUR DIVISION-FOREST AREA STATEMENT (SEGMENT-I)										
SPAN NAME	SR. NO.	PATCH NUMBER	DIVISION	RANGE	VILLAGE NAME	COMPARTMENT	TYPE OF LAND	DIVERSION AREA (in HA)	LENGTH (KM)	
Bhadu - Madhupur	1	Patch-1_1	Jashpur	Sanna	Kawai	P99	Protected Forest	0.040	0.800	
	2				Khakhra	P100		0.118	2.360	
	3	Patch-1_3			Kawai	P188		0.016	0.320	
	4	Patch-1_4 & Patch-1_5				14	Reserved Forest	0.010	0.200	
	5	Patch-1_6				P187		0.031	0.620	
Chhichhali-R- Sukma	6	Patch-2_1		Bagicha	Chhichhali-R	P1309	Protected Forest	0.035	0.700	
	7	Patch-2_2			Sukma	P1308		0.048	0.960	
	8	Patch-2_4 & Patch-2_5				P1296		0.069	1.380	
Bagicha - Kamarima	9	Patch-3_2			Kamarima	P309		0.088	1.760	
	10	Patch-3_3			Bagicha (NP)	P1333		0.121	2.420	
11	Kamarima				1283	Reserved Forest	0.148	2.960		
Tora-Dobh	12	Patch-4_1		Sanna	Tora	P166	Protected Forest	0.035	0.700	
Dumarkona- Karadari	13	Patch-5_2			dumarkona	P143		0.068	1.360	
	14	Patch-5_3			Hardipa	P227		0.050	1.000	
	15	Patch-5_5		Gindha	P517	0.029		0.580		
	16	Patch-5_6 & Patch-5_7			P523	0.063	1.260			
	17	Patch-5_9			P519	0.020	0.400			
	18	Patch-5_10			Sonkyari	P518	0.030	0.600		
	19			Gindha	315	0.011	0.220			
Kardih - Kapsela	20	Patch-6_1		Manora	Ambakona	320	Reserved Forest	0.087	1.740	
	21	Patch-6_3 & Patch-6_4			Gedai	321		0.092	1.840	
	22	Patch-6_6			Remne	41		0.058	1.160	
	23				Kampur	42		0.038	0.760	
Manora-Bhimsila	24	Patch-7_1 & Patch-7_2			Bhimsila	339		Reserved Forest	0.100	2.000
Jashpurnagar- Jakba	25	Patch-8_1			Sarudih	559	0.003		0.060	
	26	Patch-8_2		JashpurNagar (M)	566	0.007	0.140			
	27	Patch-8_3		Sarudih	560	0.032	0.640			
	28	Patch-8_3 & Patch-8_4		Luikona	364	0.152	3.040			
Jashpurnagar-Kere	29	Patch-9_1		Jashpur	Sarudih	559	0.009		0.180	
	30	Patch-9_2				641	0.052		1.040	
	31	Patch-9_3			Kashira	P651	Protected Forest	0.045	0.900	
	32				Luikona	558	Reserved Forest	0.116	2.320	
Banaibada- Jhargaon	33	Patch-9_4			Kashira	P574	0.033	0.660		
	34	Patch-10_1			Gholeng	P677	Protected Forest	0.024	0.480	
	35	Patch-10_3			Jhargaon	P584		0.002	0.040	
	36	Patch-10_5			Aagdih	548	Reserved Forest	0.027	0.540	
	37	Patch-10_6 & Patch-10_7			Bhelwadih	P601	Protected Forest	0.036	0.720	
	38	Patch-10_8 & Patch-10_9			Banaibada	P599		0.034	0.680	
Boda Chhaper - Dandahadih	39	Patch-11_1		Kunkuri	sonkadhad	P760	Reserved Forest	0.023	0.460	
Dandahadih-Khari Jhariya	40	Patch-12_1			Dandahadih	P785		0.021	0.420	
	41				Manjurchundi	721		0.175	3.500	
	42				Dandahadih	713		0.082	1.640	
	43					722		0.084	1.680	
	44	Patch-12_2			Jashpur	Jamchunwa	730	Reserved Forest	0.062	1.240
45	Patch-12_6	Dongaamba		723		0.210	4.200			
Kunkuri-Tapkara	46	Patch-13_1 & Patch-13_3		Gadakata		719	0.202		4.040	
	47	Patch-13_2		Khari Jhariya		P1230	Protected Forest	0.052	1.040	
	48	Patch-13_7				732		0.022	0.440	
	apkara-Kolhenjariya	49		Patch-13_8	Duldula	Gattibuda	736	Reserved Forest	0.018	0.360
		50		Patch-13_9		Sajbahar	858		0.020	0.400
51		Patch-14_1		Tapkara	Baluwahar	862	0.093		1.860	
52		Patch-14_4			Pagurabahar	908	0.022		0.440	
53		Patch-14_5			Mundadih	907	0.232		4.640	
54	Patch-14_6	Garighat			906	0.042	0.840			
55	Patch-14_7	Bhejari Dand			878	0.023	0.460			

SCHEDULE OF FOREST LAND-RESERVE & PROTECTED FOREST										
JASHPUR DIVISION-FOREST AREA STATEMENT (SEGMENT-I)										
SPAN NAME	SR. NO.	PATCH NUMBER	DIVISION	RANGE	VILLAGE NAME	COMPARTMENT	TYPE OF LAND	DIVERSION AREA (in HA)	LENGTH (KM)	
Tapkara-Kolhenjhariya	56	Patch-14_7	Jashpur	Tapkara	Sikariya	881	Reserved Forest	0.047	0.940	
	57			880		0.061		1.220		
	58			883		0.047		0.940		
	59			882		0.073		1.460		
	60	Patch-14_8		Tapkara	Ganjhiyadih	926	Protected Forest	0.045	0.900	
	61	Patch-14_10		Kotba	P1038	0.035		0.700		
Manjhi Ama-Kukrajhar	62	Patch-15_1		Patahalgaon	Buldega	990	Reserved Forest	0.091	1.820	
Ludeg-Surangpani	63	Patch-16_1						0.113	2.260	
	64	Patch-16_2						0.067	1.340	
	65	Patch-16_3						0.089	1.780	
Pathalgaon-Kansabel	66	Patch-17_1		Lide Tindupara	965	Protected Forest	0.078	1.560		
	67	Patch-17_2					Lamdand	P1124	0.033	0.660
	68	Patch-17_3					Pungru	1059	Reserved Forest	0.069
	69	Patch-17_4		1058	0.030			0.600		
	Pathalgaon-Dharamjaygarh	70		Patch-18_1	Tapkara	Charkhapara	P959	Protected Forest	0.031	0.620
Dharamjaygarh-Pathalgaon	71	Patch-19_2		Pathalgaon	Raima	P996	0.031		0.620	
	72	Patch-19_3			Balakpondi	P933	0.044		0.880	
TOTAL FOREST AREA								4.344	86.880	
SCHEDULE OF FOREST LAND-REVENUE FOREST (CJJ + BJJ)										
JASHPUR DIVISION-REVENUE FOREST AREA STATEMENT (SEGMENT-I)										
SPAN NAME	SR. NO.	PATCH NUMBER		DISTRICT	TEHSIL	VILLAGE NAME	KHASRA NUMBER	TYPE OF LAND	DIVERSION AREA (in HA)	LENGTH (KM)
Bhadu - Madhupur	1	Patch-1_2		Jashpur	Bagicha	Kawai	354/1	Revenue Forest	0.009	0.180
Chhichhali-R-Sukma	2	Patch-2_1				Chhichhali-R	810		0.002	0.040
	3	Patch-2_3 & Patch-2_4				Sukma	286		0.005	0.100
Bagicha - Kamarima	4	Patch-3_1				Kamarima	2406/1		0.023	0.460
	5	Patch-5_1					Dumarkona		1462	0.011
Dumarkona-Karadari	6	Patch-5_4			Gindhra	310	0.008		0.160	
	7	Patch-5_8	1700			0.008	0.160			
	8	Patch-6_2	Gedai			328	0.004		0.080	
Kardih - Kapsela	9	Patch-6_3			406	0.004	0.080			
	10	Patch-6_5			Remne	9	0.003		0.060	
Jashpurnagar-Jakba	11	Patch-8_3	Jashpur		Sarudi	19/1	0.009		0.180	
	12	Patch-8_5	Manora		Jakba	247/1 G, RF247/1 Ghh	0.022		0.440	
Banaibada-Jhargao	13	Patch-10_2	Jashpur		Gholeng	360/1	0.004		0.080	
	14	Patch-10_4			Jakba	89	0.026		0.520	
	15	Patch-10_5			Lokhandi	62	0.005		0.100	
Boda Chhaper - Dandahadih	16	Patch-11_2	Duldula		Sonkadh	751/1	0.008		0.160	
	17	Patch-11_3			717/1, 717/2	0.009	0.180			
Dandahadih-Khari Jhariya	18	Patch-12_1	Kunkuri		Chatakpur	189	0.009		0.180	
	19	Patch-12_2				161/1	0.003		0.060	
	20	Patch-12_3			Dhonga Amba	162/1	0.012		0.240	
	21	Patch-12_4				105/4	0.001		0.020	
	22	Patch-12_5				107	0.004		0.080	
	23	Patch-12_7			Khari Jhariya	148/1	0.003		0.060	
Kunkuri-Tapkara	24	Patch-13_4	Kansabel		Pakar Toli	126	0.005		0.100	
	25	Patch-13_5				142/1	0.005		0.100	
	26	Patch-13_6				165	0.006		0.120	
Tapkara-Kolhenjhariya	27	Patch-14_2	Farsabahr		Pamshala	30/1	0.009		0.180	
	28	Patch-14_3				51/1	0.015		0.300	
	29	Patch-14_9			Ganjhiyadih	399/1	0.026		0.520	
Pathalgaon-Kansabel	30	Patch-17_2	Pathalgaon		Lamdand	116/1	0.025		0.500	
	31	Patch-17_3				247	0.004		0.080	
	32	Patch-17_3				248	0.002		0.040	
Dharamjaygarh-Pathalgaon	33	Patch-19_1			Madanpur	215	0.045		0.900	
	34	Patch-19_4				Kilkila	239		0.017	0.340
	35	Patch-19_5					309		0.004	0.080
	36	Patch-19_6					324		0.016	0.320
Batoli-Pathalgaon	37	Patch-20_1			Madanpur Inchko	500	0.004		0.080	
	38	Patch-20_2	Kerakachhar			427/1	0.016		0.320	
	39	Patch-20_3				855/1/k/1	0.037		0.740	
TOTAL REVENUE AREA								0.428	8.560	

Total Route Length (in KM)	Total Forest Patch Length (in KM)	OFC Cable Trench Width (in KM)	Total Forest Diversion Area (in HA)
348.280	95.440	0.0005	4.772
Summary Of Forest And Non Forest Area			
Protected Forest, Reserved Forest & Orange Area (in HA)	Revenue Forest Area (in HA)	Non Forest Area (in HA)	
4.344	0.428	12.642	



वन परिक्षेत्राधिकारी
जशपुर परिक्षेत्र

वन परिक्षेत्राधिकारी
परिक्षेत्र तपकरा

वन परिक्षेत्राधिकारी
कुसकुम परिक्षेत्र

वन परिक्षेत्राधिकारी
मनोरा

वन परिक्षेत्र अधिकारी
परि०, सन्ना

वन परिक्षेत्र अधिकारी
बगीचा

वन परिक्षेत्राधिकारी
कीलखेत परिक्षेत्र

वन परिक्षेत्राधिकारी
पटखलगांव परिक्षेत्र

वन परिक्षेत्राधिकारी
कुसकुम परिक्षेत्र

संयुक्त वन मण्डलाधिकारी
जशपुर

उप वन मण्डलाधिकारी
पटखलगांव

वन मण्डलाधिकारी
जशपुर वन मण्डल

संयुक्त वन मण्डलाधिकारी
उप वन मण्डल जशपुर, जिला-जशपुर (छ.ग.)

DGPS Survey Points

Jashpur Division

Sr.No.	PointID	Patch No	UTM Coordinates		Geographical Coordinates	
			Easting (m) (m)	Northing (m) (m)	Latitude "N"	Longitude "E"
1	P1	Patch-1_1	776766.7424	2567073.424	23° 11' 22.300" N	83° 42' 13.476" E
2	P2		776892.4256	2567014.787	23° 11' 20.320" N	83° 42' 17.854" E
3	P3		777018.0155	2567000.937	23° 11' 19.794" N	83° 42' 22.258" E
4	P4		777069.9425	2566868.693	23° 11' 15.467" N	83° 42' 23.996" E
5	P5		777172.9544	2566759.691	23° 11' 11.864" N	83° 42' 27.544" E
6	P6		777273.8221	2566657.142	23° 11' 8.472" N	83° 42' 31.021" E
7	P7		777323.6242	2566532.834	23° 11' 4.404" N	83° 42' 32.690" E
8	P8		777388.5455	2566464.185	23° 11' 2.134" N	83° 42' 34.926" E
9	P9		777418.6078	2566347.205	23° 10' 58.316" N	83° 42' 35.906" E
10	P10		777353.5341	2566214.686	23° 10' 54.051" N	83° 42' 33.533" E
11	P11		777387.4486	2566071.502	23° 10' 49.380" N	83° 42' 34.631" E
12	P12		777430.931	2565931.424	23° 10' 44.803" N	83° 42' 36.067" E
13	P13		777501.3286	2565799.586	23° 10' 40.478" N	83° 42' 38.454" E
14	P14		777519.4509	2565655.641	23° 10' 35.791" N	83° 42' 38.996" E
15	P15		777506.4432	2565520.281	23° 10' 31.402" N	83° 42' 38.451" E
16	P16		777529.8213	2565373.743	23° 10' 26.628" N	83° 42' 39.176" E
17	P17		777573.7909	2565225.693	23° 10' 21.792" N	83° 42' 40.624" E
18	P18		777667.3403	2565140.841	23° 10' 18.979" N	83° 42' 43.855" E
19	P19		777776.1578	2565052.407	23° 10' 16.041" N	83° 42' 47.620" E
20	P20		777860.4764	2564928.82	23° 10' 11.975" N	83° 42' 50.502" E
21	P21		777977.1555	2564843.981	23° 10' 9.149" N	83° 42' 54.545" E
22	P22		778056.293	2564831.502	23° 10' 8.695" N	83° 42' 57.317" E
23	P23		778087.4772	2564748.218	23° 10' 5.971" N	83° 42' 58.358" E
24	P24	Patch-1_2	778388.9451	2563970.995	23° 9' 40.542" N	83° 43' 8.440" E
25	P25		778375.6399	2563884.281	23° 9' 37.733" N	83° 43' 7.915" E
26	P26		778405.6326	2563789.756	23° 9' 34.645" N	83° 43' 8.907" E
27	P27	Patch-1_3	779746.6415	2563071.254	23° 9' 10.490" N	83° 43' 55.543" E
28	P28		779873.1658	2563151.182	23° 9' 13.009" N	83° 44' 0.040" E
29	P29		779968.6871	2563146.828	23° 9' 12.810" N	83° 44' 3.392" E
30	P30		780038.5838	2563108.109	23° 9' 11.509" N	83° 44' 5.822" E
31	P31	Patch-1_4	780649.7179	2562972.242	23° 9' 6.723" N	83° 44' 27.200" E
32	P32		780698.2353	2562985.045	23° 9' 7.109" N	83° 44' 28.913" E
33	P33		780744.1853	2563005.913	23° 9' 7.759" N	83° 44' 30.541" E
34	P34	Patch-1_5	780972.0798	2562928.157	23° 9' 5.093" N	83° 44' 38.495" E
35	P35		781073.5393	2562903.205	23° 9' 4.221" N	83° 44' 42.042" E
36	P36	Patch-1_6	781455.7384	2562875.037	23° 9' 3.072" N	83° 44' 55.449" E
37	P37		781582.0943	2562800.934	23° 9' 0.587" N	83° 44' 59.838" E
38	P38		781715.4342	2562734.17	23° 8' 58.337" N	83° 45' 4.478" E
39	P39		781749.1781	2562596.127	23° 8' 53.832" N	83° 45' 5.571" E
40	P40		781751.6302	2562520.37	23° 8' 51.370" N	83° 45' 5.607" E
41	P41		781714.5329	2562471.8	23° 8' 49.815" N	83° 45' 4.272" E
42	P1		769300.2843	2552144.987	23° 3' 21.792" N	83° 37' 41.652" E

DGPS Survey Points

Jashpur Division

Sr.No.	PointID	Patch No	UTM Coordinates		Geographical Coordinates	
			Easting (m) (m)	Northing (m) (m)	Latitude "N"	Longitude "E"
43	P2	Patch-2_1	769223.2406	2552218.37	23° 3' 24.221" N	83° 37' 38.994" E
44	P3		769184.3791	2552077.11	23° 3' 19.655" N	83° 37' 37.540" E
45	P4		769065.8183	2552018.774	23° 3' 17.829" N	83° 37' 33.341" E
46	P5		768919.3831	2551986.693	23° 3' 16.872" N	83° 37' 28.180" E
47	P6		768794.0121	2551942.455	23° 3' 15.508" N	83° 37' 23.751" E
48	P7		768727.986	2551947.827	23° 3' 15.721" N	83° 37' 21.437" E
49	P8	Patch-2_2	768004.7444	2551958.707	23° 3' 16.496" N	83° 36' 56.054" E
50	P9		767878.721	2551877.452	23° 3' 13.929" N	83° 36' 51.579" E
51	P10		767733.9564	2551896.878	23° 3' 14.644" N	83° 36' 46.509" E
52	P11		767600.8335	2551834.787	23° 3' 12.704" N	83° 36' 41.797" E
53	P12		767551.0289	2551723.45	23° 3' 9.116" N	83° 36' 39.978" E
54	P13		767472.8262	2551656.224	23° 3' 6.978" N	83° 36' 37.191" E
55	P14		767325.2064	2551677.567	23° 3' 7.757" N	83° 36' 32.022" E
56	P15		767236.2821	2551755.26	23° 3' 10.332" N	83° 36' 28.949" E
57	P16	Patch-2_3	765703.2473	2551965.964	23° 3' 18.063" N	83° 35' 35.262" E
58	P17		765662.7979	2551945.707	23° 3' 17.428" N	83° 35' 33.829" E
59	P18		765626.739	2551917.618	23° 3' 16.537" N	83° 35' 32.546" E
60	P19	Patch-2_4	765431.619	2551893.865	23° 3' 15.877" N	83° 35' 25.681" E
61	P20		765297.686	2551898.39	23° 3' 16.101" N	83° 35' 20.982" E
62	P21		765167.6858	2551856.149	23° 3' 14.804" N	83° 35' 16.392" E
63	P22		765059.9974	2551779.619	23° 3' 12.380" N	83° 35' 12.564" E
64	P23		765060.2186	2551686.227	23° 3' 9.345" N	83° 35' 12.514" E
65	P24	Patch-2_5	765390.0519	2548563.835	23° 1' 27.719" N	83° 35' 22.153" E
66	P25		765468.3562	2548569.515	23° 1' 27.859" N	83° 35' 24.905" E
67	P26		765613.0455	2548554.78	23° 1' 27.297" N	83° 35' 29.974" E
68	P27		765746.5276	2548529.254	23° 1' 26.391" N	83° 35' 34.643" E
69	P28		765822.2699	2548645.702	23° 1' 30.130" N	83° 35' 37.374" E
70	P29	Patch-2_5	765952.8562	2548578.536	23° 1' 27.873" N	83° 35' 41.915" E
71	P30		766068.7912	2548505.87	23° 1' 25.445" N	83° 35' 45.939" E
72	P31		766091.6009	2548569.166	23° 1' 27.489" N	83° 35' 46.779" E
73	P1	Patch-3_1	774557.4556	2549550.539	23° 1' 54.413" N	83° 40' 44.536" E
74	P2		774420.0213	2549490.81	23° 1' 52.554" N	83° 40' 39.674" E
75	P3		774324.326	2549438.966	23° 1' 50.927" N	83° 40' 36.282" E
76	P4		774392.8779	2549384.099	23° 1' 49.104" N	83° 40' 38.653" E
77	P5		774482.1544	2549319.862	23° 1' 46.964" N	83° 40' 41.745" E
78	P6	Patch-3_2	774980.5566	2546810.489	23° 0' 25.152" N	83° 40' 57.624" E
79	P7		775046.6202	2546684.007	23° 0' 21.004" N	83° 40' 59.861" E
80	P8		775143.9238	2546571.801	23° 0' 17.301" N	83° 41' 3.203" E
81	P9		775213.0105	2546438.865	23° 0' 12.941" N	83° 41' 5.542" E
82	P10		775257.7162	2546299.848	23° 0' 8.399" N	83° 41' 7.021" E

DGPS Survey Points

Jashpur Division

Sr.No.	PointID	Patch No	UTM Coordinates		Geographical Coordinates	
			Easting (m) (m)	Northing (m) (m)	Latitude "N"	Longitude "E"
83	P11		775370.3517	2546201.694	23° 0' 5.143" N	83° 41' 10.910" E
84	P12	Patch-3_2	775482.864	2546102.845	23° 0' 1.865" N	83° 41' 14.795" E
85	P13		775593.993	2546003.151	22° 59' 58.561" N	83° 41' 18.630" E
86	P14		775733.6694	2545963.251	22° 59' 57.181" N	83° 41' 23.506" E
87	P15		775883.4478	2545963.297	22° 59' 57.093" N	83° 41' 28.761" E
88	P16		775952.1594	2546082.114	23° 0' 0.912" N	83° 41' 31.249" E
89	P17		776022.8592	2546198.649	23° 0' 4.655" N	83° 41' 33.805" E
90	P18		776088.3344	2546300.598	23° 0' 7.928" N	83° 41' 36.168" E
91	P19	Patch-3_3	775790.9376	2545039.728	22° 59' 27.147" N	83° 41' 24.920" E
92	P20		775922.6473	2545010.707	22° 59' 26.126" N	83° 41' 29.523" E
93	P21		776047.7417	2545005.538	22° 59' 25.883" N	83° 41' 33.909" E
94	P22		775930.016	2544949.695	22° 59' 24.139" N	83° 41' 29.742" E
95	P23		775817.189	2544853.685	22° 59' 21.088" N	83° 41' 25.721" E
96	P24		775683.3351	2544880.132	22° 59' 22.027" N	83° 41' 21.042" E
97	P25		775604.5636	2544783.948	22° 59' 18.949" N	83° 41' 18.216" E
98	P26		775496.7813	2544768.877	22° 59' 18.524" N	83° 41' 14.425" E
99	P27		775354.9732	2544734.136	22° 59' 17.480" N	83° 41' 9.427" E
100	P28		775213.2847	2544716.205	22° 59' 16.981" N	83° 41' 4.444" E
101	P29		775090.8591	2544646.001	22° 59' 14.774" N	83° 41' 0.104" E
102	P30		775185.2252	2544588.376	22° 59' 12.846" N	83° 41' 3.377" E
103	P31		775123.992	2544520.605	22° 59' 10.681" N	83° 41' 1.186" E
104	P32		774979.3911	2544506.802	22° 59' 10.318" N	83° 40' 56.103" E
105	P33		774865.9309	2544501.609	22° 59' 10.217" N	83° 40' 52.119" E
106	P34	Patch-3_3	774898.9086	2544488.884	22° 59' 9.784" N	83° 40' 53.268" E
107	P35		774953.4629	2544398.001	22° 59' 6.799" N	83° 40' 55.124" E
108	P36		774935.3354	2544315.394	22° 59' 4.126" N	83° 40' 54.435" E
109	P37		774855.9644	2544379.02	22° 59' 6.240" N	83° 40' 51.691" E
110	P38		774743.923	2544298.796	22° 59' 3.701" N	83° 40' 47.708" E
111	P39		774601.126	2544351.898	22° 59' 5.511" N	83° 40' 42.732" E
112	P40		774476.8293	2544352.787	22° 59' 5.613" N	83° 40' 38.372" E
113	P41		774599.6508	2544262.854	22° 59' 2.619" N	83° 40' 42.623" E
114	P42		774561.1889	2544188.254	22° 59' 0.219" N	83° 40' 41.226" E
115	P43		774417.8053	2544229.802	22° 59' 1.653" N	83° 40' 36.222" E
116	P44		774272.5416	2544247.038	22° 59' 2.299" N	83° 40' 31.136" E
117	P45		774139.2246	2544261.005	22° 59' 2.832" N	83° 40' 26.468" E
118	P46		774153.6565	2544312.445	22° 59' 4.494" N	83° 40' 27.007" E
119	P47		774037.559	2544298.692	22° 59' 4.116" N	83° 40' 22.925" E
120	P48		773902.6378	2544284.987	22° 59' 3.751" N	83° 40' 18.182" E
121	P49		774007.4785	2544185.035	22° 59' 0.442" N	83° 40' 21.797" E
122	P50	Patch-3_3	774145.5721	2544133.308	22° 58' 58.680" N	83° 40' 26.609" E
123	P51		774217.0401	2544104.822	22° 58' 57.712" N	83° 40' 29.098" E
124	P52		774073.8792	2544135.891	22° 58' 58.806" N	83° 40' 24.095" E
125	P53		773929.8593	2544166.333	22° 58' 59.881" N	83° 40' 19.061" E
126	P54		773811.0074	2544187.529	22° 59' 0.639" N	83° 40' 14.905" E
127	P55		773681.4557	2544196.23	22° 59' 0.999" N	83° 40' 10.365" E

DGPS Survey Points

Jashpur Division

Sr.No.	PointID	Patch No	UTM Coordinates		Geographical Coordinates	
			Easting (m) (m)	Northing (m) (m)	Latitude "N"	Longitude "E"
128	P1	Patch-4_1	791780.8007	2550017.736	23° 1' 59.024" N	83° 50' 49.310" E
129	P2		791793.1912	2549879.039	23° 1' 54.512" N	83° 50' 49.650" E
130	P3		791895.2738	2549805.739	23° 1' 52.066" N	83° 50' 53.182" E
131	P4		791904.2118	2549674.346	23° 1' 47.793" N	83° 50' 53.406" E
132	P5	Patch-4_1	791926.3827	2549567.387	23° 1' 44.305" N	83° 50' 54.111" E
133	P6		792021.7021	2549521.042	23° 1' 42.740" N	83° 50' 57.424" E
134	P7		792100.1677	2549488.077	23° 1' 41.619" N	83° 51' 0.155" E
135	P1	Patch-5_1	792033.6981	2561007.196	23° 7' 55.798" N	83° 51' 5.716" E
136	P2		792069.9657	2561105.841	23° 7' 58.979" N	83° 51' 7.057" E
137	P3		792118.5601	2561203.232	23° 8' 2.111" N	83° 51' 8.831" E
138	P4	Patch-5_2	792501.3754	2561048.605	23° 7' 56.846" N	83° 51' 22.169" E
139	P5		792632.9183	2561016.72	23° 7' 55.726" N	83° 51' 26.766" E
140	P6		792773.1295	2561032.035	23° 7' 56.134" N	83° 51' 31.701" E
141	P7		792844.084	2560922.798	23° 7' 52.541" N	83° 51' 34.117" E
142	P8		792935.1651	2560827.489	23° 7' 49.388" N	83° 51' 37.250" E
143	P9	Patch-5_2	792974.0492	2560690.417	23° 7' 44.911" N	83° 51' 38.521" E
144	P10		793042.5309	2560550.024	23° 7' 40.307" N	83° 51' 40.830" E
145	P11		793139.8021	2560443.935	23° 7' 36.800" N	83° 51' 44.172" E
146	P12		793271.866	2560407.631	23° 7' 35.536" N	83° 51' 48.785" E
147	P13		793407.8312	2560442.693	23° 7' 36.588" N	83° 51' 53.584" E
148	P14	Patch-5_3	795165.4107	2560439.315	23° 7' 35.353" N	83° 52' 55.302" E
149	P15		795305.2885	2560492.287	23° 7' 36.984" N	83° 53' 0.251" E
150	P16		795444.4137	2560528.604	23° 7' 38.074" N	83° 53' 5.162" E
151	P17		795562.4284	2560438.009	23° 7' 35.056" N	83° 53' 9.243" E
152	P18		795694.4518	2560368.092	23° 7' 32.700" N	83° 53' 13.830" E
153	P19		795835.9816	2560319.509	23° 7' 31.031" N	83° 53' 18.767" E
154	P20		795967.8427	2560329.441	23° 7' 31.269" N	83° 53' 23.404" E
155	P21		796061.8035	2560380.009	23° 7' 32.851" N	83° 53' 26.739" E
156	P22	Patch-5_4	796394.8668	2559144.842	23° 6' 52.520" N	83° 53' 37.574" E
157	P23		796457.2993	2559107.431	23° 6' 51.265" N	83° 53' 39.740" E
158	P24		796499.9533	2559041.479	23° 6' 49.095" N	83° 53' 41.191" E
159	P25	Patch-5_5	797172.9665	2555530.549	23° 4' 54.632" N	83° 54' 2.372" E
160	P26		797280.3809	2555428.97	23° 4' 51.264" N	83° 54' 6.072" E
161	P27		797290.2893	2555283.906	23° 4' 46.546" N	83° 54' 6.319" E
162	P28		797353.1962	2555149.136	23° 4' 42.128" N	83° 54' 8.433" E
163	P29		797349.1898	2555023.183	23° 4' 38.040" N	83° 54' 8.204" E
164	P30	Patch-5_6	797415.5185	2554748.025	23° 4' 29.061" N	83° 54' 10.341" E
165	P31		797405.6989	2554599.423	23° 4' 24.241" N	83° 54' 9.892" E
166	P32		797400.2167	2554449.582	23° 4' 19.378" N	83° 54' 9.595" E
167	P33		797399.4303	2554360.017	23° 4' 16.469" N	83° 54' 9.505" E
168	P34		797391.9397	2554260.893	23° 4' 13.255" N	83° 54' 9.173" E

DGPS Survey Points

Jashpur Division

Sr.No.	PointID	Patch No	UTM Coordinates		Geographical Coordinates	
			Easting (m) (m)	Northing (m) (m)	Latitude "N"	Longitude "E"
169	P35	Patch-5_7	797398.458	2554117.98	23° 4' 8.609" N	83° 54' 9.302" E
170	P36		797520.3485	2554034.138	23° 4' 5.807" N	83° 54' 13.522" E
171	P37		797615.4982	2553923.359	23° 4' 2.148" N	83° 54' 16.785" E
172	P38		797660.0497	2553780.914	23° 3' 57.493" N	83° 54' 18.249" E
173	P39		797690.8218	2553636.128	23° 3' 52.771" N	83° 54' 19.228" E
174	P40		797705.3465	2553554.959	23° 3' 50.125" N	83° 54' 19.682" E
175	P41		797749.3078	2553466.11	23° 3' 47.211" N	83° 54' 21.163" E
176	P42	Patch-5_8	797789.1124	2552870.246	23° 3' 27.833" N	83° 54' 22.144" E
177	P43		797763.1831	2552808.967	23° 3' 25.859" N	83° 54' 21.191" E
178	P44		797739.2723	2552725.524	23° 3' 23.165" N	83° 54' 20.293" E
179	P45	Patch-5_9	797827.4026	2552646.541	23° 3' 20.542" N	83° 54' 23.332" E
180	P46		797952.4678	2552724.302	23° 3' 22.987" N	83° 54' 27.775" E
181	P47		798074.5633	2552688.284	23° 3' 21.739" N	83° 54' 32.035" E
182	P48		798122.4901	2552604.15	23° 3' 18.975" N	83° 54' 33.659" E
183	P49	Patch-5_10	798833.7989	2552728.305	23° 3' 22.547" N	83° 54' 58.710" E
184	P50		798903.3438	2552825.949	23° 3' 25.673" N	83° 55' 1.220" E
185	P51		798945.3441	2552969.402	23° 3' 30.305" N	83° 55' 2.794" E
186	P52		799021.8921	2553097.69	23° 3' 34.422" N	83° 55' 5.571" E
187	P53		799084.2318	2553233.379	23° 3' 38.788" N	83° 55' 7.854" E
188	P54		799185.601	2553275.719	23° 3' 40.098" N	83° 55' 11.441" E
189	P55		799282.9554	2553318.639	23° 3' 41.428" N	83° 55' 14.889" E
190	P1	Patch-6_1	796193.5182	2549541.722	23° 1' 40.754" N	83° 53' 23.833" E
191	P2		796224.2831	2549409.458	23° 1' 36.439" N	83° 53' 24.821" E
192	P3		796173.894	2549275.718	23° 1' 32.127" N	83° 53' 22.960" E
193	P4		796199.6488	2549133.119	23° 1' 27.479" N	83° 53' 23.765" E
194	P5		796178.7518	2548985.772	23° 1' 22.707" N	83° 53' 22.930" E
195	P6		796149.5109	2548839.426	23° 1' 17.973" N	83° 53' 21.802" E
196	P7		796231.8596	2548711.192	23° 1' 13.755" N	83° 53' 24.603" E
197	P8		796294.4417	2548582.976	23° 1' 9.551" N	83° 53' 26.710" E
198	P9		796215.2293	2548469.531	23° 1' 5.917" N	83° 53' 23.852" E
199	P10		796225.076	2548324.437	23° 1' 1.198" N	83° 53' 24.097" E
200	P11		796278.9556	2548186.036	23° 0' 56.669" N	83° 53' 25.892" E
201	P12		796348.7844	2548086.526	23° 0' 53.392" N	83° 53' 28.273" E
202	P13		796357.5209	2547974.729	23° 0' 49.755" N	83° 53' 28.502" E
203	P14	Patch-6_2	797081.8486	2546348.469	22° 59' 56.471" N	83° 53' 52.787" E
204	P15		797096.3998	2546308.918	22° 59' 55.178" N	83° 53' 53.270" E
205	P16		797114.8594	2546271.342	22° 59' 53.945" N	83° 53' 53.892" E
206	P17	Patch-6_3	797198.6378	2546236.919	22° 59' 52.773" N	83° 53' 56.807" E
207	P18		797325.3832	2546157.379	22° 59' 50.109" N	83° 54' 1.198" E
208	P19		797441.8938	2546064.287	22° 59' 47.010" N	83° 54' 5.221" E
209	P20		797560.8406	2545980.734	22° 59' 44.220" N	83° 54' 9.336" E

DGPS Survey Points

Jashpur Division

Sr.No.	PointID	Patch No	UTM Coordinates		Geographical Coordinates	
			Easting (m) (m)	Northing (m) (m)	Latitude "N"	Longitude "E"
210	P21	Patch-6_3	797682.4574	2545975.213	22° 59' 43.962" N	83° 54' 13.599" E
211	P22		797752.0933	2545883.241	22° 59' 40.931" N	83° 54' 15.978" E
212	P23	Patch-6_4	797831.587	2545741.403	22° 59' 36.273" N	83° 54' 18.668" E
213	P24		797783.2611	2545610.859	22° 59' 32.064" N	83° 54' 16.882" E
214	P25		797880.3801	2545504.316	22° 59' 28.541" N	83° 54' 20.215" E
215	P26		797975.5836	2545389.074	22° 59' 24.737" N	83° 54' 23.474" E
216	P27		798052.262	2545273.366	22° 59' 20.929" N	83° 54' 26.084" E
217	P28		798083.8229	2545128.566	22° 59' 16.206" N	83° 54' 27.090" E
218	P29		798221.2224	2545072.075	22° 59' 14.283" N	83° 54' 31.871" E
219	P30		798300.5172	2544947.392	22° 59' 10.182" N	83° 54' 34.566" E
220	P31		798379.0037	2544917.885	22° 59' 9.173" N	83° 54' 37.298" E
221	P32		798469.8251	2544911.098	22° 59' 8.894" N	83° 54' 40.479" E
222	P33	Patch-6_5	798591.349	2544828.915	22° 59' 6.147" N	83° 54' 44.685" E
223	P34		798619.1644	2544811.562	22° 59' 5.565" N	83° 54' 45.649" E
224	P35		798646.2892	2544793.148	22° 59' 4.950" N	83° 54' 46.587" E
225	P36	Patch-6_6	798564.5606	2544717.354	22° 59' 2.541" N	83° 54' 43.668" E
226	P37		798568.0549	2544595.126	22° 58' 58.569" N	83° 54' 43.705" E
227	P38		798581.0114	2544448.777	22° 58' 53.807" N	83° 54' 44.058" E
228	P39		798616.4782	2544305.359	22° 58' 49.126" N	83° 54' 45.202" E
229	P40		798716.3654	2544199.861	22° 58' 45.636" N	83° 54' 48.632" E
230	P41		798817.8006	2544096.494	22° 58' 42.213" N	83° 54' 52.118" E
231	P42		798870.8845	2543956.418	22° 58' 37.629" N	83° 54' 53.882" E
232	P43		798891.1535	2543808.517	22° 58' 32.813" N	83° 54' 54.490" E
233	P44		798829.5556	2543718.687	22° 58' 29.935" N	83° 54' 52.267" E
234	P45		798707.6491	2543637.083	22° 58' 27.363" N	83° 54' 47.934" E
235	P46		798750.5336	2543508.815	22° 58' 23.170" N	83° 54' 49.349" E
236	P47		798851.4929	2543400.167	22° 58' 19.576" N	83° 54' 52.814" E
237	P48		798926.6498	2543271.675	22° 58' 15.354" N	83° 54' 55.361" E
238	P49		798916.1637	2543196.016	22° 58' 12.904" N	83° 54' 54.940" E
239	P50		798934.9882	2543123.999	22° 58' 10.552" N	83° 54' 55.551" E
240	P1	Patch-7_1	809906.2826	2549557.236	23° 1' 32.260" N	84° 1' 25.000" E
241	P2		809994.861	2549436.729	23° 1' 28.287" N	84° 1' 28.021" E
242	P3		810091.2757	2549321.988	23° 1' 24.496" N	84° 1' 31.320" E
243	P4		810186.9611	2549206.569	23° 1' 20.684" N	84° 1' 34.594" E
244	P5		810295.5377	2549103.152	23° 1' 17.253" N	84° 1' 38.328" E
245	P6		810395.3465	2548992.468	23° 1' 13.591" N	84° 1' 41.750" E
246	P7	Patch-7_1	810425.0021	2548847.041	23° 1' 8.849" N	84° 1' 42.684" E
247	P8		810490.6894	2548716.258	23° 1' 4.557" N	84° 1' 44.894" E
248	P9		810538.8998	2548577.635	23° 1' 0.023" N	84° 1' 46.485" E
249	P10		810558.4663	2548518.85	23° 0' 58.101" N	84° 1' 47.129" E
250	P11		810989.929	2548016.577	23° 0' 41.500" N	84° 2' 1.900" E
251	P12		811184.8088	2547797.373	23° 0' 34.250" N	84° 2' 8.578" E

DGPS Survey Points

Jashpur Division

Sr.No.	PointID	Patch No	UTM Coordinates		Geographical Coordinates	
			Easting (m) (m)	Northing (m) (m)	Latitude "N"	Longitude "E"
252	P13	Patch-7_2	811278.7143	2547681.46	23° 0' 30.423" N	84° 2' 11.788" E
253	P14		811414.1893	2547627.928	23° 0' 28.593" N	84° 2' 16.501" E
254	P15		811504.1892	2547552.02	23° 0' 26.067" N	84° 2' 19.603" E
255	P16		811603.495	2547500.816	23° 0' 24.337" N	84° 2' 23.050" E
256	P17		811696.737	2547493.576	23° 0' 24.039" N	84° 2' 26.316" E
257	P1	Patch-8_1	820192.9908	2532660.981	22° 52' 16.587" N	84° 7' 13.299" E
258	P2		820211.3434	2532687.158	22° 52' 17.424" N	84° 7' 13.962" E
259	P3		820228.888	2532710.209	22° 52' 18.161" N	84° 7' 14.594" E
260	P4	Patch-8_2	820158.6602	2533253.089	22° 52' 35.838" N	84° 7' 12.536" E
261	P5		820091.3472	2533255.131	22° 52' 35.950" N	84° 7' 10.178" E
262	P6		820024.0486	2533252.577	22° 52' 35.914" N	84° 7' 7.818" E
263	P7	Patch-8_3	818581.9961	2533115.98	22° 52' 32.468" N	84° 6' 17.181" E
264	P8		818380.5051	2532987.634	22° 52' 28.438" N	84° 6' 10.025" E
265	P9		818153.4282	2532808.858	22° 52' 22.788" N	84° 6' 1.935" E
266	P10		817940.165	2532799.378	22° 52' 22.626" N	84° 5' 54.455" E
267	P11		817824.3655	2532725.472	22° 52' 20.305" N	84° 5' 50.342" E
268	P12		817736.457	2532604.576	22° 52' 16.439" N	84° 5' 47.173" E
269	P13		817631.2137	2532498.031	22° 52' 13.051" N	84° 5' 43.406" E
270	P14		817511.1583	2532540.461	22° 52' 14.511" N	84° 5' 39.230" E
271	P15		817401.8431	2532640.972	22° 52' 17.849" N	84° 5' 35.473" E
272	P16		817302.8902	2532740.122	22° 52' 21.137" N	84° 5' 32.078" E
273	P17		817159.9017	2532721.056	22° 52' 20.615" N	84° 5' 27.054" E
274	P18		817016.6886	2532720.142	22° 52' 20.683" N	84° 5' 22.034" E
275	P19		816896.5759	2532639.712	22° 52' 18.153" N	84° 5' 17.766" E
276	P20		816775.0546	2532624.366	22° 52' 17.737" N	84° 5' 13.496" E
277	P21		816662.9802	2532600.957	22° 52' 17.053" N	84° 5' 9.551" E
278	P22		816524.7404	2532572.95	22° 52' 16.238" N	84° 5' 4.686" E
279	P23		816436.9631	2532575.551	22° 52' 16.382" N	84° 5' 1.612" E
280	P24		816568.8445	2532633.283	22° 52' 18.167" N	84° 5' 6.276" E
281	P25		816515.1638	2532691.021	22° 52' 20.079" N	84° 5' 4.437" E
282	P26		816431.0977	2532731.82	22° 52' 21.461" N	84° 5' 1.521" E
283	P27	Patch-8_4	816290.7166	2532780.611	22° 52' 23.140" N	84° 4' 56.637" E
284	P28		816163.5285	2532846.971	22° 52' 25.382" N	84° 4' 52.229" E
285	P29		816023.6868	2532837.311	22° 52' 25.163" N	84° 4' 47.321" E
286	P30		816019.2829	2532707.312	22° 52' 20.945" N	84° 4' 47.071" E
287	P31		815940.7984	2532599.99	22° 52' 17.513" N	84° 4' 44.242" E
288	P32		815886.5374	2532670.163	22° 52' 19.828" N	84° 4' 42.392" E
289	P33	Patch-8_5	815511.5621	2532487.86	22° 52' 14.163" N	84° 4' 29.118" E
290	P34		815633.7305	2532551.943	22° 52' 16.161" N	84° 4' 33.446" E
291	P35		815616.9953	2532696.478	22° 52' 20.866" N	84° 4' 32.965" E
292	P36		815607.4106	2532810.302	22° 52' 24.569" N	84° 4' 32.713" E
293	P1	Patch-9_1	820090.7234	2532540.949	22° 52' 12.760" N	84° 7' 9.626" E
294	P2		820149.3863	2532611.758	22° 52' 15.019" N	84° 7' 11.734" E

DGPS Survey Points

Jashpur Division

Sr.No.	PointID	Patch No	UTM Coordinates		Geographical Coordinates	
			Easting (m) (m)	Northing (m) (m)	Latitude "N"	Longitude "E"
295	P3		820217.1922	2532669.043	22° 52' 16.832" N	84° 7' 14.153" E
296	P4	Patch-9_2	819905.2541	2532252.26	22° 52' 3.513" N	84° 7' 2.913" E
297	P5		819843.1346	2532255.456	22° 52' 3.659" N	84° 7' 0.738" E
298	P6		819875.3905	2532109.638	22° 51' 58.902" N	84° 7' 1.761" E
299	P7		819827.4471	2532023.468	22° 51' 56.137" N	84° 7' 0.017" E
300	P8		819751.1821	2532063.477	22° 51' 57.488" N	84° 6' 57.374" E
301	P9		819659.0629	2531995.469	22° 51' 55.343" N	84° 6' 54.095" E
302	P10		819540.173	2532000.786	22° 51' 55.597" N	84° 6' 49.933" E
303	P11		819411.3782	2531992.496	22° 51' 55.417" N	84° 6' 45.414" E
304	P12		819360.5305	2531967.142	22° 51' 54.628" N	84° 6' 43.613" E
305	P13	Patch-9_3	818803.1305	2531262.861	22° 51' 32.140" N	84° 6' 23.561" E
306	P14		818685.6211	2531169.724	22° 51' 29.196" N	84° 6' 19.375" E
307	P15		818565.9191	2531079.601	22° 51' 26.351" N	84° 6' 15.114" E
308	P16		818459.0345	2530975.083	22° 51' 23.031" N	84° 6' 11.291" E
309	P17		818379.433	2530852.32	22° 51' 19.098" N	84° 6' 8.412" E
310	P18		818282.952	2530738.791	22° 51' 15.478" N	84° 6' 4.947" E
311	P19		818212.2739	2530606.557	22° 51' 11.232" N	84° 6' 2.373" E
312	P20		818167.4185	2530463.545	22° 51' 6.619" N	84° 6' 0.696" E
313	P21		818103.181	2530328.211	22° 51' 2.268" N	84° 5' 58.346" E
314	P22		818011.03	2530211.961	22° 50' 58.556" N	84° 5' 55.031" E
315	P23	Patch-9_3	817897.262	2530114.273	22° 50' 55.461" N	84° 5' 50.973" E
316	P24		817780.4819	2530020.246	22° 50' 52.487" N	84° 5' 46.812" E
317	P25		817650.5678	2529946.991	22° 50' 50.197" N	84° 5' 42.206" E
318	P26		817508.4258	2529902.533	22° 50' 48.850" N	84° 5' 37.193" E
319	P27		817367.6509	2529851.319	22° 50' 47.283" N	84° 5' 32.223" E
320	P28		817221.6667	2529819.741	22° 50' 46.357" N	84° 5' 27.085" E
321	P29		817080.7755	2529804.083	22° 50' 45.945" N	84° 5' 22.137" E
322	P30		816935.2308	2529770.304	22° 50' 44.947" N	84° 5' 17.013" E
323	P31		816859.4863	2529742.806	22° 50' 44.105" N	84° 5' 14.339" E
324	P32		816993.021	2529699.284	22° 50' 42.601" N	84° 5' 18.986" E
325	P33		816935.8904	2529562.151	22° 50' 38.187" N	84° 5' 16.883" E
326	P34		816888.9426	2529454.328	22° 50' 34.717" N	84° 5' 15.159" E
327	P35		816811.6512	2529343.341	22° 50' 31.166" N	84° 5' 12.370" E
328	P36	Patch-9_4	816601.9676	2529283.135	22° 50' 29.353" N	84° 5' 4.979" E
329	P37		816682.6917	2529157.189	22° 50' 25.208" N	84° 5' 7.715" E
330	P38		816718.4753	2529012.51	22° 50' 20.486" N	84° 5' 8.863" E
331	P39		816731.0924	2528895.993	22° 50' 16.693" N	84° 5' 9.219" E
332	P40		816702.4657	2528779.288	22° 50' 12.923" N	84° 5' 8.131" E
333	P41		816648.1033	2528683.625	22° 50' 9.853" N	84° 5' 6.156" E
334	P1	Patch-10_1	828334.3451	2536834.072	22° 54' 26.415" N	84° 12' 1.763" E
335	P2		828231.0681	2536726.54	22° 54' 22.996" N	84° 11' 58.061" E
336	P3		828314.3601	2536676.748	22° 54' 21.320" N	84° 12' 0.942" E
337	P4		828398.9227	2536654.672	22° 54' 20.544" N	84° 12' 3.889" E

DGPS Survey Points

Jashpur Division

Sr.No.	PointID	Patch No	UTM Coordinates		Geographical Coordinates	
			Easting (m) (m)	Northing (m) (m)	Latitude "N"	Longitude "E"
338	P5		828484.2047	2536624.004	22° 54' 19.488" N	84° 12' 6.855" E
339	P6	Patch-10_2	828669.6747	2536578.864	22° 54' 17.891" N	84° 12' 13.321" E
340	P7		828712.2811	2536574.064	22° 54' 17.705" N	84° 12' 14.810" E
341	P8		828754.3802	2536582.297	22° 54' 17.942" N	84° 12' 16.292" E
342	P9	Patch-10_3	830037.8848	2536791.673	22° 54' 23.831" N	84° 13' 1.437" E
343	P10		830076.7953	2536792.938	22° 54' 23.844" N	84° 13' 2.802" E
344	P11	Patch-10_4	830384.7024	2536912.739	22° 54' 27.515" N	84° 13' 13.686" E
345	P12		830487.6524	2536812.197	22° 54' 24.178" N	84° 13' 17.217" E
346	P13		830554.5326	2536678.086	22° 54' 19.775" N	84° 13' 19.458" E
347	P14		830617.2222	2536618.767	22° 54' 17.805" N	84° 13' 21.610" E
348	P15		830737.1394	2536593.027	22° 54' 16.884" N	84° 13' 25.793" E
349	P16	Patch-10_5	832445.6101	2536882.442	22° 54' 25.061" N	84° 14' 25.894" E
350	P17		832587.0338	2536931.913	22° 54' 26.566" N	84° 14' 30.889" E
351	P18		832732.8174	2536960.261	22° 54' 27.382" N	84° 14' 36.020" E
352	P19	Patch-10_5	832878.8092	2536931.186	22° 54' 26.334" N	84° 14' 41.114" E
353	P20		832966.7204	2536905.021	22° 54' 25.421" N	84° 14' 44.175" E
354	P21		833059.1181	2536872.152	22° 54' 24.288" N	84° 14' 47.388" E
355	P22	Patch-10_6	840442.2027	2534761.126	22° 53' 10.400" N	84° 19' 4.468" E
356	P23		840547.3129	2534655.233	22° 53' 6.885" N	84° 19' 8.067" E
357	P24		840603.9703	2534524.121	22° 53' 2.587" N	84° 19' 9.949" E
358	P25		840645.2878	2534401.967	22° 52' 58.591" N	84° 19' 11.300" E
359	P26		840646.8359	2534327.025	22° 52' 56.157" N	84° 19' 11.295" E
360	P27	Patch-10_7	840687.4162	2534289.629	22° 52' 54.913" N	84° 19' 12.688" E
361	P28		840785.9559	2534278.91	22° 52' 54.493" N	84° 19' 16.132" E
362	P29		840891.824	2534269.704	22° 52' 54.116" N	84° 19' 19.834" E
363	P30	Patch-10_8	842905.3963	2534089.78	22° 52' 46.795" N	84° 20' 30.243" E
364	P31		842986.5908	2533983.166	22° 52' 43.274" N	84° 20' 33.003" E
365	P32		843082.586	2533880.326	22° 52' 39.865" N	84° 20' 36.284" E
366	P33		843158.9418	2533854.225	22° 52' 38.961" N	84° 20' 38.939" E
367	P34		843232	2533859.419	22° 52' 39.076" N	84° 20' 41.502" E
368	P35	Patch-10_9	843515.6352	2533795.465	22° 52' 36.790" N	84° 20' 51.389" E
369	P36		843652.7113	2533762.471	22° 52' 35.618" N	84° 20' 56.165" E
370	P37		843742.7241	2533798.35	22° 52' 36.716" N	84° 20' 59.348" E
371	P1	Patch-11_1	816935.9709	2513061.713	22° 41' 42.352" N	84° 5' 4.828" E
372	P2		817080.4394	2513098.066	22° 41' 43.435" N	84° 5' 9.911" E
373	P3		817185.1555	2513152.959	22° 41' 45.147" N	84° 5' 13.616" E
374	P4		817284.6701	2513176.428	22° 41' 45.842" N	84° 5' 17.116" E
375	P5		817376.5459	2513165.459	22° 41' 45.424" N	84° 5' 20.323" E

DGPS Survey Points

Jashpur Division

Sr.No.	PointID	Patch No	UTM Coordinates		Geographical Coordinates	
			Easting (m) (m)	Northing (m) (m)	Latitude "N"	Longitude "E"
376	P6	Patch-11_2	816840.9722	2513051.855	22° 41' 42.096" N	84° 5' 1.496" E
377	P7		816768.0853	2513031.459	22° 41' 41.483" N	84° 4' 58.930" E
378	P8		816694.8164	2513002.468	22° 41' 40.591" N	84° 4' 56.345" E
379	P9	Patch-11_3	816203.8649	2512798.923	22° 41' 34.312" N	84° 4' 39.014" E
380	P10		816120.1471	2512765.137	22° 41' 33.271" N	84° 4' 36.060" E
381	P11		816034.4831	2512746.64	22° 41' 32.728" N	84° 4' 33.048" E
382	P1	Patch-12_1	812744.1482	2513525.751	22° 42' 0.234" N	84° 2' 38.449" E
383	P2		812598.2957	2513539.877	22° 42' 0.790" N	84° 2' 33.354" E
384	P3		812465.3719	2513609.269	22° 42' 3.132" N	84° 2' 28.751" E
385	P4		812383.7586	2513730.886	22° 42' 7.136" N	84° 2' 25.982" E
386	P5		812250.688	2513796.147	22° 42' 9.344" N	84° 2' 21.371" E
387	P6		812113.7362	2513854.739	22° 42' 11.338" N	84° 2' 16.619" E
388	P7		811992.2643	2513916.601	22° 42' 13.428" N	84° 2' 12.411" E
389	P8		811881.6051	2513847.713	22° 42' 11.264" N	84° 2' 8.489" E
390	P9		811744.3746	2513870.464	22° 42' 12.094" N	84° 2' 3.702" E
391	P10		811609.5918	2513926.431	22° 42' 14.001" N	84° 1' 59.024" E
392	P11		811469.814	2513874.925	22° 42' 12.421" N	84° 1' 54.094" E
393	P12		811325.1422	2513851.681	22° 42' 11.762" N	84° 1' 49.014" E
394	P13		811172.3939	2513841.594	22° 42' 11.536" N	84° 1' 43.660" E
395	P14		811041.2994	2513876.104	22° 42' 12.744" N	84° 1' 39.096" E
396	P15		810942.7768	2513988.858	22° 42' 16.471" N	84° 1' 35.728" E
397	P16		810861.8503	2514114.971	22° 42' 20.620" N	84° 1' 32.985" E
398	P17		810748.8737	2514213.236	22° 42' 23.886" N	84° 1' 29.101" E
399	P18		810629.0288	2514306.547	22° 42' 26.996" N	84° 1' 24.972" E
400	P19		810518.3776	2514240.129	22° 42' 24.912" N	84° 1' 21.052" E
401	P20		810381.8874	2514245.894	22° 42' 25.190" N	84° 1' 16.278" E
402	P21		810253.6176	2514259.648	22° 42' 25.721" N	84° 1' 11.798" E
403	P22		810127.6694	2514330.947	22° 42' 28.120" N	84° 1' 7.440" E
404	P23		809978.4717	2514367.306	22° 42' 29.400" N	84° 1' 2.243" E
405	P24		809845.8179	2514301.743	22° 42' 27.358" N	84° 0' 57.553" E
406	P25		809723.1319	2514216.816	22° 42' 24.681" N	84° 0' 53.198" E
407	P26		809645.8308	2514087.7	22° 42' 20.539" N	84° 0' 50.400" E
408	P27		809588.7305	2513959.636	22° 42' 16.417" N	84° 0' 48.311" E
409	P28		809480.6956	2513862.496	22° 42' 13.334" N	84° 0' 44.460" E
410	P29		809445.2868	2513716.84	22° 42' 8.627" N	84° 0' 43.117" E
411	P30		809385.6764	2513579.222	22° 42' 4.197" N	84° 0' 40.933" E
412	P31		809323.4654	2513438.592	22° 41' 59.671" N	84° 0' 38.655" E
413	P32		809270.8782	2513299.914	22° 41' 55.201" N	84° 0' 36.716" E
414	P33		809218.3712	2513182.209	22° 41' 51.413" N	84° 0' 34.794" E
415	P34		809182.2779	2513036.637	22° 41' 46.710" N	84° 0' 33.428" E
416	P35		809122.5279	2512900.878	22° 41' 42.340" N	84° 0' 31.240" E
417	P36		809000.0133	2512815.389	22° 41' 39.644" N	84° 0' 26.891" E
418	P37		808892.0196	2512711.331	22° 41' 36.336" N	84° 0' 23.037" E
419	P38		808786.6304	2512604.509	22° 41' 32.936" N	84° 0' 19.273" E
420	P39		808682.4927	2512496.483	22° 41' 29.496" N	84° 0' 15.551" E
421	P40		808577.258	2512391.434	22° 41' 26.154" N	84° 0' 11.794" E

DGPS Survey Points

Jashpur Division

Sr.No.	PointID	Patch No	UTM Coordinates		Geographical Coordinates	
			Easting (m) (m)	Northing (m) (m)	Latitude "N"	Longitude "E"
422	P41	Patch-12_1	808500.3045	2512264.158	22° 41' 22.071" N	84° 0' 9.010" E
423	P42		808531.7987	2512126.222	22° 41' 17.570" N	84° 0' 10.015" E
424	P43		808469.3158	2512002.703	22° 41' 13.600" N	84° 0' 7.740" E
425	P44		808343.0468	2511926.976	22° 41' 11.223" N	84° 0' 3.268" E
426	P45		808210.6091	2511864.123	22° 41' 9.269" N	83° 59' 58.588" E
427	P46		808099.9595	2511762.866	22° 41' 6.053" N	83° 59' 54.644" E
428	P47		808083.1343	2511630.01	22° 41' 1.749" N	83° 59' 53.961" E
429	P48		807949.502	2511569.784	22° 40' 59.881" N	83° 59' 49.241" E
430	P49		807829.5339	2511562.74	22° 40' 59.731" N	83° 59' 45.037" E
431	P50		807721.3682	2511488.505	22° 40' 57.391" N	83° 59' 41.199" E
432	P51		807710.3827	2511417.4	22° 40' 55.089" N	83° 59' 40.765" E
433	P52	Patch-12_2	806938.2558	2510927.591	22° 40' 39.686" N	83° 59' 13.396" E
434	P53		806798.7188	2510981.293	22° 40' 41.522" N	83° 59' 8.551" E
435	P54		806657.3011	2511031.071	22° 40' 43.231" N	83° 59' 3.636" E
436	P55		806513.4488	2511070.013	22° 40' 44.589" N	83° 58' 58.629" E
437	P56		806374.79	2511077.584	22° 40' 44.926" N	83° 58' 53.782" E
438	P57		806256.6547	2511010.628	22° 40' 42.828" N	83° 58' 49.600" E
439	P58		806147.1747	2511089.354	22° 40' 45.456" N	83° 58' 45.824" E
440	P59		806003.3809	2511090.12	22° 40' 45.575" N	83° 58' 40.792" E
441	P60		805856.1846	2511097.455	22° 40' 45.909" N	83° 58' 35.645" E
442	P61		805704.4469	2511105.237	22° 40' 46.260" N	83° 58' 30.340" E
443	P62	Patch-12_2	805735.9937	2511101.788	22° 40' 46.128" N	83° 58' 31.442" E
444	P63		805767.5847	2511098.757	22° 40' 46.009" N	83° 58' 32.545" E
445	P64	Patch-12_3	805540.7641	2511230.495	22° 40' 50.435" N	83° 58' 24.699" E
446	P65		805426.5207	2511245.952	22° 40' 51.011" N	83° 58' 20.712" E
447	P66		805325.0667	2511302.835	22° 40' 52.925" N	83° 58' 17.201" E
448	P67	Patch-12_4	805223.9919	2511341.219	22° 40' 54.237" N	83° 58' 13.690" E
449	P68		805252.7465	2511332.938	22° 40' 53.949" N	83° 58' 14.691" E
450	P69	Patch-12_5	805120.5029	2511381.764	22° 40' 55.621" N	83° 58' 10.096" E
451	P70		805157.0278	2511363.713	22° 40' 55.011" N	83° 58' 11.362" E
452	P71		805195.4462	2511350.176	22° 40' 54.547" N	83° 58' 12.697" E
453	P72	Patch-12_6	804682.9139	2511452.983	22° 40' 58.218" N	83° 57' 54.831" E
454	P73		804668.893	2511318.472	22° 40' 53.859" N	83° 57' 54.246" E
455	P74		804560.7172	2511221.799	22° 40' 50.789" N	83° 57' 50.392" E
456	P75		804436.034	2511145.032	22° 40' 48.377" N	83° 57' 45.975" E
457	P76		804297.6364	2511087.269	22° 40' 46.590" N	83° 57' 41.091" E
458	P77		804206.9637	2510954.919	22° 40' 42.351" N	83° 57' 37.825" E
459	P78		804193.0462	2510807.309	22° 40' 37.566" N	83° 57' 37.235" E
460	P79		804193.4516	2510690.379	22° 40' 33.768" N	83° 57' 37.167" E
461	P80		804228.1455	2510562.442	22° 40' 29.590" N	83° 57' 38.292" E
462	P81		804141.381	2510518.508	22° 40' 28.219" N	83° 57' 35.225" E
463	P82		804105.5373	2510383.318	22° 40' 23.852" N	83° 57' 33.876" E

DGPS Survey Points

Jashpur Division

Sr.No.	PointID	Patch No	UTM Coordinates		Geographical Coordinates	
			Easting (m) (m)	Northing (m) (m)	Latitude "N"	Longitude "E"
464	P83	Patch-12_6	803972.1814	2510314.852	22° 40' 21.714" N	83° 57' 29.161" E
465	P84		803868.598	2510211.839	22° 40' 18.436" N	83° 57' 25.464" E
466	P85		803787.7737	2510208.682	22° 40' 18.386" N	83° 57' 22.634" E
467	P86		803734.3885	2510344.057	22° 40' 22.817" N	83° 57' 20.860" E
468	P87		803639.5883	2510460.13	22° 40' 26.648" N	83° 57' 17.623" E
469	P88		803544.2633	2510575.836	22° 40' 30.467" N	83° 57' 14.367" E
470	P89		803449.2599	2510691.802	22° 40' 34.295" N	83° 57' 11.123" E
471	P90		803352.296	2510806.138	22° 40' 38.071" N	83° 57' 7.809" E
472	P91		803271.6371	2510930.419	22° 40' 42.160" N	83° 57' 5.072" E
473	P92		803258.8213	2511078.53	22° 40' 46.978" N	83° 57' 4.727" E
474	P93		803306.9305	2511220.702	22° 40' 51.565" N	83° 57' 6.510" E
475	P94		803355.5395	2511366.731	22° 40' 56.276" N	83° 57' 8.312" E
476	P95		803402.4596	2511509.097	22° 41' 0.870" N	83° 57' 10.054" E
477	P96		803337.8846	2511636.692	22° 41' 5.056" N	83° 57' 7.882" E
478	P97		803230.7022	2511741.567	22° 41' 8.531" N	83° 57' 4.204" E
479	P98		803116.9725	2511839.365	22° 41' 11.781" N	83° 57' 0.291" E
480	P99		803000.5029	2511933.771	22° 41' 14.922" N	83° 56' 56.280" E
481	P100		802886.9875	2512031.747	22° 41' 18.177" N	83° 56' 52.375" E
482	P101		802808.3941	2512083.032	22° 41' 19.894" N	83° 56' 49.660" E
483	P102	Patch-12_7	802260.9993	2512083.58	22° 41' 20.264" N	83° 56' 30.501" E
484	P103		802234.0088	2512072.812	22° 41' 19.932" N	83° 56' 29.548" E
485	P104		802217.9122	2512048.906	22° 41' 19.166" N	83° 56' 28.968" E
486	P1	Patch-13_1	803426.9498	2514701.081	22° 42' 44.524" N	83° 57' 13.135" E
487	P2	Patch-13_1	803328.8862	2514410.116	22° 42' 35.137" N	83° 57' 9.499" E
488	P3		803161.4277	2514179.942	22° 42' 27.770" N	83° 57' 3.477" E
489	P4	Patch-13_2	803106.4512	2514131.64	22° 42' 26.237" N	83° 57' 1.519" E
490	P5		802991.2603	2514003.604	22° 42' 22.153" N	83° 56' 57.397" E
491	P6		802923.0983	2513845.335	22° 42' 17.057" N	83° 56' 54.901" E
492	P7		802857.9895	2513691.095	22° 42' 12.089" N	83° 56' 52.514" E
493	P8	Patch-13_2	802868.7087	2513517.448	22° 42' 6.442" N	83° 56' 52.769" E
494	P9		802882.4248	2513169.774	22° 41' 55.142" N	83° 56' 53.007" E
495	P10	Patch-13_3	802906.8584	2512806.944	22° 41' 43.342" N	83° 56' 53.610" E
496	P11		802863.77	2512395.153	22° 41' 29.995" N	83° 56' 51.815" E
497	P12		802831.8977	2512147.193	22° 41' 21.962" N	83° 56' 50.527" E
498	P13		802969.8913	2511958.763	22° 41' 15.754" N	83° 56' 55.226" E
499	P14		803163.1118	2511799.961	22° 41' 10.471" N	83° 57' 1.879" E
500	P15		803346.2161	2511628.255	22° 41' 4.776" N	83° 57' 8.168" E
501	P16		803367.8661	2511402.392	22° 40' 57.427" N	83° 57' 8.769" E
502	P17		803288.2487	2511165.514	22° 40' 49.785" N	83° 57' 5.817" E
503	P18		803273.8087	2510922.473	22° 40' 41.900" N	83° 57' 5.143" E
504	P19		803422.0638	2510724.09	22° 40' 35.361" N	83° 57' 10.193" E
505	P20		803580.482	2510531.537	22° 40' 29.005" N	83° 57' 15.604" E
506	P21		803739.2099	2510337.348	22° 40' 22.596" N	83° 57' 21.024" E

DGPS Survey Points

Jashpur Division

Sr.No.	PointID	Patch No	UTM Coordinates		Geographical Coordinates	
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507	P22		803728.8435	2509850.091	22° 40' 6.777" N	83° 57' 20.322" E
508	P23	Patch-13_4	803878.6609	2507367.949	22° 38' 46.065" N	83° 57' 23.836" E
509	P24		803872.8704	2507262.344	22° 38' 42.638" N	83° 57' 23.560" E
510	P25	Patch-13_5	803870.8297	2507225.127	22° 38' 41.431" N	83° 57' 23.463" E
511	P26		803864.8187	2507115.502	22° 38' 37.874" N	83° 57' 23.176" E
512	P27	Patch-13_6	803855.2568	2506941.117	22° 38' 32.217" N	83° 57' 22.720" E
513	P28		803884.8898	2506824	22° 38' 28.394" N	83° 57' 23.676" E
514	P29	Patch-13_7	803898.8944	2506788.404	22° 38' 27.229" N	83° 57' 24.141" E
515	P30		803950.5902	2506579.874	22° 38' 20.423" N	83° 57' 25.805" E
516	P31		804006.0294	2506371.703	22° 38' 13.626" N	83° 57' 27.600" E
517	P32	Patch-13_8	804080.8839	2505197.359	22° 37' 35.437" N	83° 57' 29.402" E
518	P33		803898.1726	2504885.681	22° 37' 25.432" N	83° 57' 22.793" E
519	P34	Patch-13_9	804033.3801	2495169.341	22° 32' 9.771" N	83° 57' 20.783" E
520	P35		803988.1889	2494973.152	22° 32' 3.428" N	83° 57' 19.068" E
521	P36		803940.3117	2494777.639	22° 31' 57.109" N	83° 57' 17.259" E
522	P1	Patch-14_1	803352.7824	2490343.081	22° 29' 33.456" N	83° 56' 53.660" E
523	P2		803325.1991	2490238.487	22° 29' 30.076" N	83° 56' 52.624" E
524	P3		803258.249	2490006.471	22° 29' 22.583" N	83° 56' 50.124" E
525	P4	Patch-14_1	803103.1582	2489810.392	22° 29' 16.314" N	83° 56' 44.568" E
526	P5		802896.5041	2489741.633	22° 29' 14.213" N	83° 56' 37.298" E
527	P6		802681.8282	2489827.589	22° 29' 17.142" N	83° 56' 29.854" E
528	P7		802470.4138	2489695.081	22° 29' 12.973" N	83° 56' 22.374" E
529	P8		802261.1912	2489558.907	22° 29' 8.683" N	83° 56' 14.968" E
530	P9		802013.5262	2489554.618	22° 29' 8.702" N	83° 56' 6.309" E
531	P10	Patch-14_2	800505.5733	2489371.392	22° 29' 3.709" N	83° 55' 13.479" E
532	P11		800346.3762	2489440.435	22° 29' 6.052" N	83° 55' 7.962" E
533	P12	Patch-14_3	799899.9307	2488857.045	22° 28' 47.386" N	83° 54' 51.961" E
534	P13		799690.5146	2488644.236	22° 28' 40.606" N	83° 54' 44.498" E
535	P14	Patch-14_4	799655.0626	2488606.519	22° 28' 39.404" N	83° 54' 43.233" E
536	P15		799504.2146	2488450.578	22° 28' 34.434" N	83° 54' 37.855" E
537	P16		799336.5779	2488313.281	22° 28' 30.080" N	83° 54' 31.903" E
538	P17		799056.1831	2488067.687	22° 28' 22.280" N	83° 54' 21.937" E
539	P18		798939.7812	2487982.704	22° 28' 19.593" N	83° 54' 17.811" E
540	P19		798817.7191	2487769.25	22° 28' 12.737" N	83° 54' 13.400" E
541	P20		798732.8694	2487534.271	22° 28' 5.158" N	83° 54' 10.276" E
542	P21		798618.8743	2487312.217	22° 27' 58.017" N	83° 54' 6.142" E

DGPS Survey Points

Jashpur Division

Sr.No.	PointID	Patch No	UTM Coordinates		Geographical Coordinates	
			Easting (m) (m)	Northing (m) (m)	Latitude "N"	Longitude "E"
543	P22	Patch-14_5	798491.6743	2487097.122	22° 27' 51.111" N	83° 54' 1.551" E
544	P23		798311.9073	2486934.428	22° 27' 45.939" N	83° 53' 55.159" E
545	P24		798073.7669	2486860.44	22° 27' 43.686" N	83° 53' 46.787" E
546	P25		797830.9936	2486800.777	22° 27' 41.900" N	83° 53' 38.262" E
547	P26		797603.6804	2486705.263	22° 27' 38.940" N	83° 53' 30.254" E
548	P27		797721.9274	2486601.379	22° 27' 35.492" N	83° 53' 34.316" E
549	P28		797966.7124	2486643.253	22° 27' 36.699" N	83° 53' 42.899" E
550	P29		798210.9206	2486694.161	22° 27' 38.199" N	83° 53' 51.467" E
551	P30		798450.8346	2486761.179	22° 27' 40.225" N	83° 53' 59.897" E
552	P31		798696.5943	2486718.162	22° 27' 38.673" N	83° 54' 8.456" E
553	P32		798943.4112	2486692.311	22° 27' 37.678" N	83° 54' 17.063" E
554	P33		799189.3793	2486653.125	22° 27' 36.250" N	83° 54' 25.632" E
555	P34		799436.3647	2486647.332	22° 27' 35.906" N	83° 54' 34.259" E
556	P35		799677.3469	2486582.206	22° 27' 33.639" N	83° 54' 42.636" E
557	P36		799912.7758	2486523.764	22° 27' 31.592" N	83° 54' 50.824" E
558	P37	Patch-14_6	800191.0511	2485720.358	22° 27' 5.321" N	83° 55' 0.002" E
559	P38		800241.8221	2485393.778	22° 26' 54.682" N	83° 55' 1.554" E
560	P39	Patch-14_6	800321.049	2485165.277	22° 26' 47.210" N	83° 55' 4.167" E
561	P40		800536.5582	2485048.225	22° 26' 43.272" N	83° 55' 11.617" E
562	P41	Patch-14_7	801978.1918	2484354.782	22° 26' 19.835" N	83° 56' 1.515" E
563	P42		802245.5767	2484369.203	22° 26' 20.133" N	83° 56' 10.867" E
564	P43		802411.9055	2484206.013	22° 26' 14.727" N	83° 56' 16.567" E
565	P44		802573.7133	2484019.987	22° 26' 8.582" N	83° 56' 22.093" E
566	P45		802570.9956	2483773.345	22° 26' 0.573" N	83° 56' 21.829" E
567	P46		802629.842	2483537.845	22° 25' 52.887" N	83° 56' 23.724" E
568	P47		802701.0894	2483313.487	22° 25' 45.554" N	83° 56' 26.060" E
569	P48		802811.5535	2483207.777	22° 25' 42.050" N	83° 56' 29.846" E
570	P49		802624.3266	2483073.734	22° 25' 37.816" N	83° 56' 23.214" E
571	P50		802468.555	2482882.15	22° 25' 31.692" N	83° 56' 17.641" E
572	P51		802426.7094	2482673.034	22° 25' 24.927" N	83° 56' 16.036" E
573	P52		802584.7517	2482495.851	22° 25' 19.072" N	83° 56' 21.436" E
574	P53		802712.1473	2482294.749	22° 25' 12.459" N	83° 56' 25.749" F
575	P54		802627.5945	2482069.07	22° 25' 5.183" N	83° 56' 22.640" E
576	P55		802451.1999	2481897.124	22° 24' 59.710" N	83° 56' 16.361" E
577	P56		802204.3145	2481916.106	22° 25' 0.483" N	83° 56' 7.749" E
578	P57		802002.9603	2481841.209	22° 24' 58.179" N	83° 56' 0.664" E
579	P58		801807.6003	2481715.726	22° 24' 54.227" N	83° 55' 53.754" E
580	P59		801594.9242	2481624.909	22° 24' 51.412" N	83° 55' 46.262" E
581	P60		801224.2986	2481309.391	22° 24' 41.399" N	83° 55' 33.100" E
582	P61	Patch-14_8	789269.7599	2480352.522	22° 24' 17.733" N	83° 48' 34.846" E
583	P62		789002.5387	2480485.689	22° 24' 22.221" N	83° 48' 25.598" E
584	P63		788855.4822	2480513.764	22° 24' 23.222" N	83° 48' 20.479" E
585	P64		788710.1988	2480523.679	22° 24' 23.632" N	83° 48' 15.410" E
586	P65		788411.6623	2480484.293	22° 24' 22.534" N	83° 48' 4.955" E

DGPS Survey Points

Jashpur Division

Sr.No.	PointID	Patch No	UTM Coordinates		Geographical Coordinates	
			Easting (m) (m)	Northing (m) (m)	Latitude "N"	Longitude "E"
587	P66	Patch-14_9	786768.3232	2479570.339	22° 23' 53.838" N	83° 47' 6.952" E
588	P67		786593.5815	2479382.479	22° 23' 47.840" N	83° 47' 0.726" E
589	P68		786390.5154	2479222.68	22° 23' 42.772" N	83° 46' 53.529" E
590	P69	Patch-14_10	781932.9001	2477728.796	22° 22' 56.902" N	83° 44' 16.857" E
591	P70		781879.826	2477583.999	22° 22' 52.229" N	83° 44' 14.911" E
592	P71		781825.7283	2477458.41	22° 22' 48.181" N	83° 44' 12.941" E
593	P72		781846.2449	2477324.388	22° 22' 43.815" N	83° 44' 13.573" E
594	P73		781756.2062	2477235.243	22° 22' 40.973" N	83° 44' 10.371" E
595	P74		781630.3214	2477173.59	22° 22' 39.044" N	83° 44' 5.935" E
596	P1	Patch-15_1	776755.0095	2481175.95	22° 24' 51.924" N	83° 41' 18.138" E
597	P2		776670.8422	2481149.497	22° 24' 51.114" N	83° 41' 15.180" E
598	P3		776615.2638	2481134.372	22° 24' 50.655" N	83° 41' 13.229" E
599	P4		776540.2669	2481026.481	22° 24' 47.193" N	83° 41' 10.541" E
600	P5		776463.0676	2480905.274	22° 24' 43.300" N	83° 41' 7.768" E
601	P6		776334.4439	2480846.33	22° 24' 41.460" N	83° 41' 3.237" E
602	P7		776203.5988	2480790.145	22° 24' 39.711" N	83° 40' 58.630" E
603	P8		776055.9046	2480768.197	22° 24' 39.084" N	83° 40' 53.456" E
604	P9		775918.9328	2480718.718	22° 24' 37.556" N	83° 40' 48.640" E
605	P10		775822.7455	2480618.387	22° 24' 34.352" N	83° 40' 45.216" E
606	P11		775742.2289	2480549.097	22° 24' 32.147" N	83° 40' 42.360" E
607	P12		775652.1219	2480607.837	22° 24' 34.108" N	83° 40' 39.248" E
608	P13		775565.9956	2480650.967	22° 24' 35.559" N	83° 40' 36.266" E
609	P14		775490.8402	2480678.619	22° 24' 36.501" N	83° 40' 33.657" E
610	P15		775424.6309	2480724.628	22° 24' 38.034" N	83° 40' 31.372" E
611	P1	Patch-16_1	775431.169	2480744.581	22° 24' 38.678" N	83° 40' 31.613" E
612	P2		775515.4143	2480693.839	22° 24' 36.981" N	83° 40' 34.525" E
613	P3		775598.9546	2480655.483	22° 24' 35.687" N	83° 40' 37.420" E
614	P4		775680.8777	2480639.176	22° 24' 35.109" N	83° 40' 40.272" E
615	P5		775779.1333	2480559.611	22° 24' 32.468" N	83° 40' 43.656" E
616	P6		775854.0531	2480679.704	22° 24' 36.326" N	83° 40' 46.348" E
617	P7		775964.8964	2480763.696	22° 24' 38.990" N	83° 40' 50.274" E
618	P8		776109.3961	2480798.534	22° 24' 40.038" N	83° 40' 55.344" E
619	P9		776258.6272	2480812.528	22° 24' 40.406" N	83° 41' 0.567" E
620	P10		776383.5892	2480882.871	22° 24' 42.619" N	83° 41' 4.977" E
621	P11		776473.8483	2480983.868	22° 24' 45.847" N	83° 41' 8.194" E
622	P12		776587.3696	2481074.229	22° 24' 48.717" N	83° 41' 12.217" E
623	P13		776608.4787	2481203.355	22° 24' 52.900" N	83° 41' 13.035" E
624	P14		776695.6593	2481129.73	22° 24' 50.457" N	83° 41' 16.035" E
625	P15		776817.7263	2481109.751	22° 24' 49.737" N	83° 41' 20.288" E
626	P16		776945.936	2481184.649	22° 24' 52.096" N	83° 41' 24.814" E
627	P17		777094.1642	2481163.996	22° 24' 51.338" N	83° 41' 29.981" E
628	P18		777240.5127	2481157.211	22° 24' 51.033" N	83° 41' 35.090" E
629	P19		774009.1885	2495747.072	22° 32' 46.889" N	83° 39' 51.255" E

DGPS Survey Points

Jashpur Division

Sr.No.	PointID	Patch No	UTM Coordinates		Geographical Coordinates	
			Easting (m) (m)	Northing (m) (m)	Latitude "N"	Longitude "E"
630	P20	Patch-16_2	773876.1621	2495778.256	22° 32' 47.979" N	83° 39' 46.622" E
631	P21		773760.6914	2495802.552	22° 32' 48.835" N	83° 39' 42.599" E
632	P22		773611.659	2495817.636	22° 32' 49.411" N	83° 39' 37.396" E
633	P23	Patch-16_2	773461.7227	2495821.995	22° 32' 49.640" N	83° 39' 32.155" E
634	P24		773313.3578	2495811.612	22° 32' 49.388" N	83° 39' 26.959" E
635	P25		773170.9916	2495764.376	22° 32' 47.936" N	83° 39' 21.951" E
636	P26		773026.1432	2495726.118	22° 32' 46.777" N	83° 39' 16.861" E
637	P27		772877.3177	2495730.799	22° 32' 47.015" N	83° 39' 11.659" E
638	P28		772734.5328	2495776.29	22° 32' 48.575" N	83° 39' 6.693" E
639	P29		772602.0252	2495846.265	22° 32' 50.925" N	83° 39' 2.102" E
640	P30	Patch-16_3	771965.3731	2496220.85	22° 33' 3.461" N	83° 38' 40.067" E
641	P31		771823.3963	2496252.078	22° 33' 4.557" N	83° 38' 35.121" E
642	P32		771676.4826	2496221.808	22° 33' 3.658" N	83° 38' 29.963" E
643	P33		771527.7865	2496207.904	22° 33' 3.292" N	83° 38' 24.754" E
644	P34		771391.1715	2496267.98	22° 33' 5.322" N	83° 38' 20.013" E
645	P35		771259.474	2496339.347	22° 33' 7.716" N	83° 38' 15.451" E
646	P36		771111.2684	2496357.945	22° 33' 8.405" N	83° 38' 10.278" E
647	P37		770962.6532	2496376.159	22° 33' 9.082" N	83° 38' 5.092" E
648	P38		770816.1416	2496408.31	22° 33' 10.211" N	83° 37' 59.987" E
649	P39		770519.6865	2496414.063	22° 33' 10.568" N	83° 37' 49.621" E
650	P40		770668.4399	2496432.417	22° 33' 11.079" N	83° 37' 54.836" E
651	P41		770370.2141	2496401.964	22° 33' 10.260" N	83° 37' 44.386" E
652	P42		770220.6559	2496390.496	22° 33' 9.973" N	83° 37' 39.148" E
653	P43		770074.3902	2496389.813	22° 33' 10.034" N	83° 37' 34.031" E
654	P1	Patch-17_1	769308.8612	2498242.343	22° 34' 10.656" N	83° 37' 8.392" E
655	P2		769397.7445	2498260.247	22° 34' 11.187" N	83° 37' 11.513" E
656	P3		769509.0162	2498265.813	22° 34' 11.305" N	83° 37' 15.409" E
657	P4		769647.5253	2498321.314	22° 34' 13.029" N	83° 37' 20.288" E
658	P5		769786.2151	2498370.645	22° 34' 14.552" N	83° 37' 25.170" E
659	P6		769930.1027	2498329.053	22° 34' 13.119" N	83° 37' 30.178" E
660	P7		770076.8	2498297.867	22° 34' 12.022" N	83° 37' 35.290" E
661	P8		770220.7197	2498329.632	22° 34' 12.971" N	83° 37' 40.344" E
662	P9		770364.3198	2498372.407	22° 34' 14.279" N	83° 37' 45.394" E
663	P10		770421.7508	2498259.562	22° 34' 10.580" N	83° 37' 47.333" E
664	P11		770510.459	2498302.751	22° 34' 11.932" N	83° 37' 50.463" E
665	P12		770540.9759	2498447.492	22° 34' 16.617" N	83° 37' 51.620" E
666	P13	Patch-17_2	774958.4793	2504284.253	22° 37' 23.681" N	83° 40' 29.813" E
667	P14		774995.7049	2504399.733	22° 37' 27.411" N	83° 40' 31.189" E
668	P15		775008.1234	2504549.196	22° 37' 32.259" N	83° 40' 31.717" E
669	P16	Patch-17_2	775022.6371	2504698.433	22° 37' 37.098" N	83° 40' 32.319" E
670	P17		775090.7428	2504829.605	22° 37' 41.320" N	83° 40' 34.785" E
671	P18		775177.1223	2504952.075	22° 37' 45.248" N	83° 40' 37.885" E
672	P19		775276.8523	2505063.829	22° 37' 48.820" N	83° 40' 41.445" E
673	P20		775374.1968	2505177.932	22° 37' 52.470" N	83° 40' 44.924" E

DGPS Survey Points

Jashpur Division

Sr.No.	PointID	Patch No	UTM Coordinates		Geographical Coordinates	
			Easting (m) (m)	Northing (m) (m)	Latitude "N"	Longitude "E"
674	P21		775470.4442	2505292.937	22° 37' 56.150" N	83° 40' 48.365" E
675	P22	Patch-17_3	776696.1507	2505470.875	22° 38' 1.211" N	83° 41' 31.371" E
676	P23		776831.5281	2505508.779	22° 38' 2.363" N	83° 41' 36.133" E
677	P24		776975.751	2505549.902	22° 38' 3.614" N	83° 41' 41.206" E
678	P25		777120.5554	2505588.951	22° 38' 4.798" N	83° 41' 46.298" E
679	P26		777266.1071	2505624.885	22° 38' 5.879" N	83° 41' 51.415" E
680	P27		777409.5881	2505668.234	22° 38' 7.203" N	83° 41' 56.464" E
681	P28		777543.2139	2505734.586	22° 38' 9.280" N	83° 42' 1.182" E
682	P29		777673.9914	2505804.451	22° 38' 11.472" N	83° 42' 5.803" E
683	P30		777821.6115	2505789.536	22° 38' 10.900" N	83° 42' 10.960" E
684	P31		777968.6002	2505759.676	22° 38' 9.844" N	83° 42' 16.085" E
685	P32		778115.0962	2505727.47	22° 38' 8.711" N	83° 42' 21.191" E
686	P33	Patch-17_4	779835.8282	2506168.897	22° 38' 22.031" N	83° 43' 21.692" E
687	P34		779960.8201	2506239.462	22° 38' 24.249" N	83° 43' 26.111" E
688	P35		780093.1248	2506310.049	22° 38' 26.463" N	83° 43' 30.787" E
689	P36		780224.9263	2506381.626	22° 38' 28.710" N	83° 43' 35.445" E
690	P37		780368.6922	2506419.561	22° 38' 29.856" N	83° 43' 40.501" E
691	P1	Patch-18_1	750488.2141	2493886.396	22° 31' 59.481" N	83° 26' 7.478" E
692	P2		750787.7406	2493975.435	22° 32' 2.215" N	83° 26' 18.005" E
693	P3		751077.0336	2494061.582	22° 32' 4.861" N	83° 26' 28.173" E
694	P1	Patch-19_1	752438.604	2498822.562	22° 34' 38.831" N	83° 27' 18.536" E
695	P2		752283.5761	2499023.218	22° 34' 45.433" N	83° 27' 13.228" E
696	P3		752001.7573	2499040.416	22° 34' 46.143" N	83° 27' 3.377" E
697	P4		751656.2212	2499104.487	22° 34' 48.409" N	83° 26' 51.324" E
698	P5	Patch-19_2	751196.6878	2500052.328	22° 35' 19.452" N	83° 26' 35.789" E
699	P6		750943.0647	2500222.297	22° 35' 25.109" N	83° 26' 27.012" E
700	P7		750702.242	2500410.799	22° 35' 31.362" N	83° 26' 18.693" E
701	P8	Patch-19_3	749700.4344	2501878.449	22° 36' 19.582" N	83° 25' 44.475" E
702	P9		749532.4018	2502009.746	22° 36' 23.937" N	83° 25' 38.669" E
703	P10	Patch-19_3	749244.6334	2502105.447	22° 36' 27.199" N	83° 25' 28.653" E
704	P11		748899.173	2502123.154	22° 36' 27.957" N	83° 25' 16.573" E
705	P12	Patch-19_4	748585.6548	2502284.842	22° 36' 33.376" N	83° 25' 5.693" E
706	P13		748458.8274	2502394.631	22° 36' 37.010" N	83° 25' 1.317" E
707	P14		748379.1503	2502541.376	22° 36' 41.820" N	83° 24' 58.612" E
708	P15	Patch-19_5	747910.3746	2503295.557	22° 37' 6.573" N	83° 24' 42.633" E
709	P16		747883.948	2503378.622	22° 37' 9.286" N	83° 24' 41.755" E
710	P17	Patch-19_6	747763.3349	2503552.577	22° 37' 15.001" N	83° 24' 37.632" E
711	P18		747645.3045	2503656.636	22° 37' 18.445" N	83° 24' 33.560" E

DGPS Survey Points

Jashpur Division

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			Easting (m)	Northing (m)	Latitude "N"	Longitude "E"
712	P19		747520.4504	2503755.479	22° 37' 21.722" N	83° 24' 29.246" E
713	P1	Patch-20_1	752565.1253	2499532.338	22° 35' 1.825" N	83° 27' 23.372" E
714	P2		752578.7062	2499573.028	22° 35' 3.140" N	83° 27' 23.871" E
715	P3		752589.6848	2499614.493	22° 35' 4.481" N	83° 27' 24.279" E
716	P4	Patch-20_2	754637.3552	2502377.707	22° 36' 33.162" N	83° 28' 37.533" E
717	P5		754665.3476	2502547.198	22° 36' 38.654" N	83° 28' 38.611" E
718	P6		754750.0647	2502696.329	22° 36' 43.453" N	83° 28' 41.662" E
719	P7	Patch-20_3	754860.9593	2503001.041	22° 36' 53.294" N	83° 28' 45.721" E
720	P8		755008.4682	2503232.654	22° 37' 0.740" N	83° 28' 51.018" E
721	P9		755163.4146	2503418.794	22° 37' 6.704" N	83° 28' 56.549" E
722	P10		755385.557	2503602.692	22° 37' 12.558" N	83° 29' 4.431" E



वन परिक्षेत्राधिकारी
जशपुर परिक्षेत्र

वन परिक्षेत्राधिकारी
परिक्षेत्र तपकला

वन परिक्षेत्राधिकारी
कुलबुला परिक्षेत्र

वन परिक्षेत्राधिकारी
मनोरा

वन परिक्षेत्र अधिकारी
परि०, सन्ना

वन परिक्षेत्र अधिकारी
बनीबा

वन परिक्षेत्राधिकारी
कुलबुला परिक्षेत्र

वन परिक्षेत्राधिकारी
परिक्षेत्र तपकला

वन परिक्षेत्राधिकारी
कुलबुला

संयुक्त वन मण्डलाधिकारी
कुलबुला

वन मण्डलाधिकारी
जशपुर वन मण्डल

उप वन मण्डलाधिकारी
परिक्षेत्र तपकला

संयुक्त वन मण्डलाधिकारी
उप वन मण्डल जशपुर, जिला-जशपुर (उ.प्र.)

SCHEDULE OF FOREST LAND - RESERVE & PROTECTED FOREST											
JASHPUR DIVISION - FOREST AREA STATEMENT (SEGMENT-II)											
SPAN NAME	SR. NO.	PATCH NUMBER	DIVISION	RANGE	VILLAGE NAME	COMPARTMENT	TYPE OF LAND	DIVERSION AREA (in HA)	LENGTH (KM)		
Kusmi-Harradipa	1	Patch-1_2	Jashpur	Manora	Kanchi	P497	Protected Forest	0.045	0.900		
	2	Patch-1_3			Beherna	P376		0.019	0.380		
	3	Patch-1_4 & Patch-1_5			Andharjhar	P529		0.111	2.220		
	4	Patch-1_6		Bhattha	32	Reserved Forest	0.085	1.700			
	5	Patch-1_7 & Patch-1_8			Dumarkona	P143	Protected Forest	0.068	1.360		
	6	Patch-1_9				P145	Protected Forest	0.107	2.140		
	7	Patch-1_10			Harradipa	22	Reserved Forest	0.037	0.740		
Harradipa-Bagicha	8	Patch-2_1 & Patch-2_2		Sanna	Gamhar Kona	P138	Protected Forest	0.013	0.260		
	9	Patch-2_4				Kodopara		P137	0.012	0.240	
	10	Patch-2_5				Bhadu	14	Reserved Forest	0.010	0.200	
	11	Patch-2_6 & Patch-2_7			Bahora	P132	Protected Forest	0.112	2.240		
	12	Patch-2_8				Pandrapat		P104	0.050	1.000	
	13	Patch-2_10						P105	0.029	0.580	
	14	Patch-2_11						P119	0.031	0.620	
	15	Patch-2_12			P116			0.040	0.800		
	16	Patch-2_13 & Patch-2_14			Pandrapat	P109		0.023	0.460		
	17	Patch-2_15 & Patch-2_16			Sardhaphath	P110		0.066	1.320		
	18	Patch-2_17				Bagicha		Rouni	P1311	0.113	2.260
	19	Patch-2_18					1285		Reserved Forest	0.112	2.240
	20				P1305		Protected Forest		0.080	1.600	
	21				P1333				0.075	1.500	
	Bagicha-Kansabel	22			Patch-3_12	Kansabel	Ghoghar	1258	Reserved Forest	0.049	0.980
		23			Patch-3_15		Bataikela	1067		0.084	1.680
		24			Patch-3_21		Bagicha	Kusumtal	P1153	0.016	0.320
	Kansabel-Kunkuri	25			Patch-4_1	Kansabel	Kansabel	P1118	Protected Forest	0.126	2.520
		26		Narayan Bahali			P1117	0.069		1.380	
27		Patch-4_6		Kunkuri	Pharsakani	1168	Reserved Forest	0.027	0.540		
28					Pandaripani	1167		0.100	2.000		
29					Kunkuri (CT)	P1233	0.015	0.300			
Kansabel-Sagibhouna	30	Patch-5_1		Kansabel	Shagibhavn	P1135	Protected Forest	0.037	0.740		
Kardana-Bahora	31	Patch-6_1		Sanna	Bahora	P132		0.013	0.260		
	32	Patch-6_9			Kandrai	P155		0.008	0.160		
	33	Patch-6_10 & Patch-6_11			Manora	Sarai Toli	313	Reserved Forest	0.040	0.800	
	34	Patch-6_12		Serdih		535	Reserved Forest	0.077	1.540		
	35	Patch-6_13		Sonkyari		P533	Protected Forest	0.018	0.360		
	36	Patch-6_14				P532	Protected Forest	0.021	0.420		
	37	Patch-6_15		Pandarsili		P448	0.012	0.240			
	38	Patch-6_16				317	Reserved Forest	0.170	3.400		
	39	Patch-6_17		Kardana		P419	Protected Forest	0.050	1.000		
	40					P336		0.050	1.000		
	Jashpurnagar-Kardana	41		Patch-7_1		Jashpur	Chhatouri	337	Reserved Forest	0.044	0.880
42		Patch-7_2		540				0.025		0.500	
43		Patch-7_3		428	0.075			1.500			
44		Patch-7_4		Tempoo	484		0.039	0.780			
45		Patch-7_5 & Patch-7_6		Sogda	343		Reserved Forest	0.055	1.100		
46		Patch-7_7		Purna Nagar	P581		Protected Forest	0.008	0.160		
TOTAL FOREST AREA								2.466	49.320		

SCHEDULE OF FOREST LAND - REVENUE FOREST (CJJ + BJJ)												
JASHPUR DIVISION - REVENUE FOREST AREA STATEMENT (SEGMENT-II)												
SPAN NAME	SR. NO.	PATCH NUMBER	DISTRICT	TEHSIL	VILLAGE NAME	KHASRA NUMBER	TYPE OF LAND	DIVERSION AREA (in HA)	LENGTH (KM)			
Kusmi-Harradipa	1	Patch-1_1	Jashpur	Manora	Kanchi	237/1	Revenue Forest	0.010	0.200			
	2							0.002	0.040			
Harradipa-Bagicha	3	Patch-2_2		Bagicha		Gamhar Kona		522/1	0.042	0.840		
	4	Patch-2_3				Kodopara		21	0.005	0.100		
	5	Patch-2_9				Pandrapat		2151	0.004	0.080		
	6	Patch-2_14						1420	0.009	0.180		
	7	Patch-2_19				Bagicha		108/1	0.009	0.180		
						Bagicha (NP)		108/1	0.001	0.020		
Bagicha-Kansabel	8	Patch-3_1			Kansabel	Rupsera			30/1	0.002	0.040	
	9	Patch-3_2							184	0.007	0.140	
	10	Patch-3_3							499/1	0.010	0.200	
	11	Patch-3_4							423/1	0.010	0.200	
	12	Patch-3_5								38/1	0.029	0.580
	13	Patch-3_6							Jhinki	25	0.024	0.480
	14											
	15	Patch-3_7							Mahuwadih	21	0.010	0.200
	16								59/1	0.006	0.120	
	17	Patch-3_8							Mauhadih	393	0.006	0.120
	18	Patch-3_9						Saraipani	629/1	0.001	0.020	
	19								628	0.003	0.060	
	20	Patch-3_10							129	0.006	0.120	
	21	Patch-3_11						Ghoghar	1173	0.006	0.120	
	22	Patch-3_12							2118	0.011	0.220	
	23	Patch-3_13							1147	0.042	0.840	
	24								257	0.052	1.040	
	25	Patch-3_14						2127	0.011	0.220		
	26	Patch-3_15						Khutera	535	0.004	0.080	
	27	Patch-3_16							795	0.008	0.160	
	28	Patch-3_17							793/1	0.003	0.060	
	29	Patch-3_18							965/1	0.003	0.060	
	30	Patch-3_19							898	0.003	0.060	
	31	Patch-3_20							892	0.005	0.100	
	32	Patch-3_21							Kusumtal	542	0.003	0.060
	Kansabel-Kunkuri	33				Patch-3_22			Siharbud	378	0.015	0.300
		34							Kansabel	1/1k	0.007	0.140
		35					Siharbud	372/1	0.009	0.180		
			Chetawa				395/1	0.007	0.140			
36		Patch-4_2 & Patch-4_3	Kunkuri	Bandar Chunwa		395	0.013	0.260				
37		Patch-4_4				Bodatongari	145/1	0.019	0.380			
38		Patch-4_5										
Kansabel-Sagibhouana	39	Patch-5_2	Kansabel	Dandpani		226/1	0.011	0.220				
	40	Patch-5_3					522/1	0.002	0.040			
	41	Patch-5_4					504/1	0.004	0.080			
	42	Patch-5_4 & Patch-5_5			510/1	0.010	0.200					
	43	Patch-5_6			Siharbud	274/1	0.009	0.180				
	44				Dandpani	492/1	0.002	0.040				
	45	Patch-5_7			Siharbud	420	0.001	0.020				
Kardana-Bahora	46	Patch-5_8			394/1	0.006	0.120					
	47	Patch-6_2	Bagicha	Amrikona	590	0.003	0.060					
	48	Patch-6_3				614	0.003	0.060				
	49	Patch-6_4			Ankarikona	606/1	0.013	0.260				
	50	Patch-6_5				1764	0.006	0.120				
	51	Patch-6_6 & Patch-6_8			Sanna	1984	0.010	0.200				
52	Patch-6_7					1764, 2273	0.006	0.120				
Jashpurnagar-Kardana	53	Patch-7_4	Manora	Tempoo	177/2	0.004	0.080					
	54					243/1	0.028	0.560				
TOTAL REVENUE AREA								0.535	10.700			

Total Route Length (in KM)	Total Forest Patch Length (in KM)	OFC Cable Trench Width (in KM)	Total Forest Diversion Area (in HA)
230.580	60.020	0.0005	3.001
Summary Of Forest And Non Forest Area			
Protected Forest, Reserved Forest & Orange Area (in HA)	Revenue Forest Area (in HA)	Non Forest Area (in HA)	
2.466	0.535	8.528	



वन परिक्षेत्राधिकारी
 जशपुर परिक्षेत्र

वन परिक्षेत्राधिकारी
 कुन्कुरी परिक्षेत्र

वन परिक्षेत्राधिकारी
 मनोरा

वन परिक्षेत्र अधिकारी
 पारंग, सन्ना

वन परिक्षेत्र अधिकारी
 जमीया

संयुक्त वन मण्डलाधिकारी
 कुन्कुरी

उप वन मण्डलाधिकारी
 पटखलगांव

संयुक्त वन मण्डलाधिकारी
 उप वन मण्डल जशपुर, जिला-जशपुर (छ.ग.)

वन मण्डलाधिकारी
 जशपुर वन मण्डल

DGPS Survey Points

Jashpur Division

Sr.No.	PointID	Patch No	UTM Coordinates		Geographical Coordinates	
			Easting (m)	Northing (m)	Latitude "N"	Longitude "E"
1	P1	Patch-1_1	803383.28	2565063.445	23° 10' 0.176" N	83° 57' 47.176" E
2	P2		803548.825	2564950.563	23° 9' 56.401" N	83° 57' 52.910" E
3	P3	Patch-1_2	804171.4114	2564197.128	23° 9' 31.520" N	83° 58' 14.238" E
4	P4		804301.4157	2564042.008	23° 9' 26.396" N	83° 58' 18.692" E
5	P5		804376.7207	2563811.69	23° 9' 18.867" N	83° 58' 21.172" E
6	P6		804346.3985	2563612.245	23° 9' 12.410" N	83° 58' 19.964" E
7	P7		804154.707	2563466.031	23° 9' 7.788" N	83° 58' 13.127" E
8	P8	Patch-1_3	802010.3791	2563758.727	23° 9' 18.710" N	83° 56' 58.025" E
9	P9		801680.2579	2563907.316	23° 9' 23.752" N	83° 56' 46.536" E
10	P10	Patch-1_4	798195.0839	2564081.725	23° 9' 31.694" N	83° 54' 44.249" E
11	P11		798037.5032	2564150.591	23° 9' 34.033" N	83° 54' 38.763" E
12	P12		797930.8964	2564253.305	23° 9' 37.439" N	83° 54' 35.090" E
13	P13		797723.9545	2564373.695	23° 9' 41.483" N	83° 54' 27.906" E
14	P14		797563.565	2564353.641	23° 9' 40.936" N	83° 54' 22.258" E
15	P18	Patch-1_5	796653.2995	2564326.65	23° 9' 40.648" N	83° 53' 50.266" E
16	P17		796823.0984	2564502.303	23° 9' 46.243" N	83° 53' 56.353" E
17	P16		797050.5222	2564599.42	23° 9' 49.250" N	83° 54' 4.410" E
18	P15		797326.7646	2564336.143	23° 9' 40.521" N	83° 54' 13.928" E
19	P19		796552.9286	2563862.273	23° 9' 25.631" N	83° 53' 46.416" E
20	P20	Patch-1_6	795952.3342	2564322.37	23° 9' 40.962" N	83° 53' 25.642" E
21	P21		795721.1492	2564283.254	23° 9' 39.841" N	83° 53' 17.494" E
22	P22		795547.1067	2564106.267	23° 9' 34.205" N	83° 53' 11.258" E
23	P23		795322.4766	2564015.491	23° 9' 31.401" N	83° 53' 3.304" E
24	P24		795096.3759	2563923.118	23° 9' 28.546" N	83° 52' 55.298" E
25	P25		794927.526	2563756.412	23° 9' 23.240" N	83° 52' 49.252" E
26	P26		794724.5886	2563801.689	23° 9' 24.841" N	83° 52' 42.155" E
27	P27		794529.9547	2563893.596	23° 9' 27.951" N	83° 52' 35.382" E
28	P28	Patch-1_7	792931.0405	2562584.708	23° 8' 46.463" N	83° 51' 38.317" E
29	P29		792869.4502	2562461.23	23° 8' 42.492" N	83° 51' 36.069" E
30	P30	Patch-1_8	792767.8945	2562346.423	23° 8' 38.828" N	83° 51' 32.423" E
31	P31		792596.2993	2562205.806	23° 8' 34.370" N	83° 51' 26.299" E
32	P32		792420.1238	2562036.842	23° 8' 28.995" N	83° 51' 19.995" E
33	P33		792348.8179	2561797.438	23° 8' 21.264" N	83° 51' 17.326" E

DGPS Survey Points

Jashpur Division

Sr.No.	PointID	Patch No	UTM Coordinates		Geographical Coordinates	
			Easting (m)	Northing (m)	Latitude "N"	Longitude "E"
34	P34	Patch-1_8	792283.4505	2561559.624	23° 8' 13.582" N	83° 51' 14.867" E
35	P35		792274.1438	2561317.087	23° 8' 5.710" N	83° 51' 14.373" E
36	P36	Patch-1_9	791707.6784	2560710.026	23° 7' 46.353" N	83° 50' 54.062" E
37	P37		791704.8545	2560562.666	23° 7' 41.569" N	83° 50' 53.862" E
38	P38		791681.5274	2560385.907	23° 7' 35.843" N	83° 50' 52.922" E
39	P39		791798.5213	2560217.444	23° 7' 30.297" N	83° 50' 56.915" E
40	P40		791614.6824	2560139.556	23° 7' 27.884" N	83° 50' 50.405" E
41	P41		791531.8395	2560237.865	23° 7' 31.129" N	83° 50' 47.563" E
42	P42		791452.9886	2560021.232	23° 7' 24.143" N	83° 50' 44.646" E
43	P43		791472.9438	2559782.961	23° 7' 16.392" N	83° 50' 45.183" E
44	P44		791463.9685	2559548.475	23° 7' 8.781" N	83° 50' 44.707" E
45	P45		791359.7962	2559733.522	23° 7' 14.858" N	83° 50' 41.176" E
46	P46	Patch-1_10	788504.5858	2561320.571	23° 8' 8.206" N	83° 49' 1.988" E
47	P47		788382.4814	2561324.957	23° 8' 8.425" N	83° 48' 57.703" E
48	P48		788281.067	2561238.431	23° 8' 5.679" N	83° 48' 54.082" E
49	P49		788198.3474	2561352.368	23° 8' 9.431" N	83° 48' 51.254" E
50	P50		788051.4132	2561361.175	23° 8' 9.810" N	83° 48' 46.100" E
51	P51		787906.3385	2561384.384	23° 8' 10.654" N	83° 48' 41.020" E
52	P1	Patch-2_1	784782.7607	2563193.686	23° 9' 11.370" N	83° 46' 52.529" E
53	P2		784554.1712	2563217.036	23° 9' 12.270" N	83° 46' 44.515" E
54	P3	Patch-2_2	784254.9315	2563085.363	23° 9' 8.179" N	83° 46' 33.915" E
55	P4		784146.3324	2562977.734	23° 9' 4.750" N	83° 46' 30.028" E
56	P5		784044.0933	2562925.549	23° 9' 3.118" N	83° 46' 26.402" E
57	P6		784072.0804	2563072.915	23° 9' 7.887" N	83° 46' 27.484" E
58	P7		784100.0675	2563220.281	23° 9' 12.657" N	83° 46' 28.566" E
59	P8		784014.803	2563313.047	23° 9' 15.723" N	83° 46' 25.633" E
60	P9		783871.0547	2563355.751	23° 9' 17.199" N	83° 46' 20.612" E
61	P10	Patch-2_3	782514.7979	2563595.64	23° 9' 25.828" N	83° 45' 33.130" E
62	P11		782505.4848	2563681.331	23° 9' 28.617" N	83° 45' 32.860" E
63	P12	Patch-2_4	782550.2812	2564210.069	23° 9' 45.764" N	83° 45' 34.785" E
64	P13		782640.5464	2564408.31	23° 9' 52.147" N	83° 45' 38.088" E
65	P14	Patch-2_5	781772.3847	2562496.713	23° 8' 50.589" N	83° 45' 6.320" E
66	P15		781717.47	2562315.638	23° 8' 44.741" N	83° 45' 4.271" E

DGPS Survey Points

Jashpur Division

Sr.No.	PointID	Patch No	UTM Coordinates		Geographical Coordinates	
			Easting (m)	Northing (m)	Latitude "N"	Longitude "E"
67	P16	Patch-2_6	781176.9095	2558619.184	23° 6' 45.002" N	83° 44' 42.838" E
68	P17		781038.8067	2558402.598	23° 6' 38.052" N	83° 44' 37.846" E
69	P18		780794.6612	2558341.61	23° 6' 36.220" N	83° 44' 29.232" E
70	P19	Patch-2_7	778485.9743	2557009.672	23° 5' 54.358" N	83° 43' 7.286" E
71	P20		778222.2821	2556978.361	23° 5' 53.500" N	83° 42' 58.007" E
72	P21		778136.2169	2556715.629	23° 5' 45.018" N	83° 42' 54.813" E
73	P22		777927.3411	2556816.786	23° 5' 48.430" N	83° 42' 47.545" E
74	P23		777945.6938	2557077.848	23° 5' 56.899" N	83° 42' 48.359" E
75	P24		777855.9752	2557204.7	23° 6' 1.074" N	83° 42' 45.292" E
76	P25		777613.6655	2557075.307	23° 5' 57.017" N	83° 42' 36.699" E
77	P26	Patch-2_8	777467.6184	2557049.762	23° 5' 56.275" N	83° 42' 31.554" E
78	P27		777138.5716	2556873.154	23° 5' 50.737" N	83° 42' 19.885" E
79	P28		776792.8377	2556858.833	23° 5' 50.479" N	83° 42' 7.735" E
80	P29		776530.8243	2556763.476	23° 5' 47.539" N	83° 41' 58.473" E
81	P30	Patch-2_9	776208.9569	2556701.818	23° 5' 45.730" N	83° 41' 47.131" E
82	P31		776136.859	2556701.675	23° 5' 45.768" N	83° 41' 44.599" E
83	P32	Patch-2_10	773971.5607	2556390.183	23° 5' 36.944" N	83° 40' 28.365" E
84	P33		773684.6881	2556396.173	23° 5' 37.309" N	83° 40' 18.296" E
85	P34		773398.3577	2556401.753	23° 5' 37.660" N	83° 40' 8.245" E
86	P35	Patch-2_11	773022.6568	2556510.672	23° 5' 41.422" N	83° 39' 55.122" E
87	P36		772884.0889	2556576.678	23° 5' 43.648" N	83° 39' 50.299" E
88	P37		772677.8548	2556658.333	23° 5' 46.423" N	83° 39' 43.109" E
89	P38		772440.9963	2556739.101	23° 5' 49.187" N	83° 39' 34.844" E
90	P39	Patch-2_12	771254.2535	2557030.727	23° 5' 59.361" N	83° 38' 53.356" E
91	P40		771107.0467	2556982.963	23° 5' 57.896" N	83° 38' 48.156" E
92	P41		771015.5696	2556935.49	23° 5' 56.408" N	83° 38' 44.914" E
93	P42		770881.5702	2556987.615	23° 5' 58.180" N	83° 38' 40.241" E
94	P43		770719.2762	2556969.843	23° 5' 57.699" N	83° 38' 34.531" E
95	P44		770555.6933	2556951.902	23° 5' 57.212" N	83° 38' 28.775" E
96	P45	Patch-2_13	769781.0758	2556580.852	23° 5' 45.613" N	83° 38' 1.338" E
97	P46		769579.5403	2556424.681	23° 5' 40.658" N	83° 37' 54.162" E

DGPS Survey Points

Jashpur Division

Sr.No.	PointID	Patch No	UTM Coordinates		Geographical Coordinates	
			Easting (m)	Northing (m)	Latitude "N"	Longitude "E"
98	P47	Patch-2_14	769476.093	2556344.478	23° 5' 38.113" N	83° 37' 50.479" E
99	P48		769223.609	2556187.044	23° 5' 33.146" N	83° 37' 41.513" E
100	P49	Patch-2_15	768609.1687	2556110.774	23° 5' 31.028" N	83° 37' 19.889" E
101	P50		768431.4935	2556136.462	23° 5' 31.966" N	83° 37' 13.666" E
102	P51		768253.3068	2556158.337	23° 5' 32.780" N	83° 37' 7.423" E
103	P52		768079.7309	2556202.61	23° 5' 34.320" N	83° 37' 1.355" E
104	P53		767901.6595	2556209.779	23° 5' 34.656" N	83° 36' 55.107" E
105	P54		767723.2713	2556190.683	23° 5' 34.140" N	83° 36' 48.830" E
106	P55		767543.8107	2556192.982	23° 5' 34.319" N	83° 36' 42.530" E
107	P56	Patch-2_16	767230.4734	2556204.375	23° 5' 34.871" N	83° 36' 31.534" E
108	P57		766985.1856	2556213.167	23° 5' 35.299" N	83° 36' 22.926" E
109	P58	Patch-2_17	771613.1118	2550338.354	23° 2' 21.747" N	83° 39' 1.695" E
110	P59		771487.9524	2550261.267	23° 2' 19.316" N	83° 38' 57.253" E
111	P60		771393.6896	2550145.227	23° 2' 15.602" N	83° 38' 53.870" E
112	P61		771309.1208	2550022.619	23° 2' 11.669" N	83° 38' 50.824" E
113	P62		771315.6267	2549891.709	23° 2' 7.412" N	83° 38' 50.969" E
114	P63		771420.9957	2549785.01	23° 2' 3.884" N	83° 38' 54.600" E
115	P64		771544.2137	2549714.993	23° 2' 1.537" N	83° 38' 58.880" E
116	P65		771643.6019	2549603.445	23° 1' 57.855" N	83° 39' 2.298" E
117	P66		771694.4712	2549466.182	23° 1' 53.366" N	83° 39' 3.996" E
118	P67		771772.0903	2549338.706	23° 1' 49.179" N	83° 39' 6.639" E
119	P68		771824.5513	2549198.942	23° 1' 44.608" N	83° 39' 8.392" E
120	P69		771863.3734	2549057.039	23° 1' 39.976" N	83° 39' 9.664" E
121	P70		771891.6248	2548919.455	23° 1' 35.490" N	83° 39' 10.568" E
122	P71		771946.4077	2548783.632	23° 1' 31.045" N	83° 39' 12.404" E
123	P72		771923.5068	2548646.93	23° 1' 26.618" N	83° 39' 11.514" E
124	P73		771865.8505	2548512.055	23° 1' 22.270" N	83° 39' 9.404" E
125	P74		771817.9084	2548425.672	23° 1' 19.492" N	83° 39' 7.667" E
126	P75		771754.2974	2548353.546	23° 1' 17.187" N	83° 39' 5.388" E
127	P76	Patch-2_18	771696.6781	2548316.062	23° 1' 16.003" N	83° 39' 3.342" E
128	P77		771575.8019	2548229.778	23° 1' 13.271" N	83° 38' 59.045" E
129	P78		771660.7298	2548139.056	23° 1' 10.274" N	83° 39' 1.968" E
130	P79		771734.0031	2548027.604	23° 1' 6.610" N	83° 39' 4.469" E
131	P80		771779.8752	2547900.791	23° 1' 2.464" N	83° 39' 5.998" E
132	P81		771806.5325	2547837.899	23° 1' 0.405" N	83° 39' 6.894" E
133	P82		771769.8187	2547730.922	23° 0' 56.951" N	83° 39' 5.537" E
134	P83		771855.5481	2547648.89	23° 0' 54.236" N	83° 39' 8.494" E

DGPS Survey Points

Jashpur Division

Sr.No.	PointID	Patch No	UTM Coordinates		Geographical Coordinates	
			Easting (m)	Northing (m)	Latitude "N"	Longitude "E"
135	P84	Patch-2_18	771929.1822	2547535.819	23° 0' 50.520" N	83° 39' 11.006" E
136	P85		771910.7132	2547389.634	23° 0' 45.782" N	83° 39' 10.265" E
137	P86		771936.6983	2547279.461	23° 0' 42.187" N	83° 39' 11.107" E
138	P87		772022.2763	2547176.24	23° 0' 38.784" N	83° 39' 14.045" E
139	P88		771898.0753	2547130.513	23° 0' 37.371" N	83° 39' 9.657" E
140	P89		771895.433	2546986.367	23° 0' 32.690" N	83° 39' 9.473" E
141	P90		772007.9903	2546898.94	23° 0' 29.784" N	83° 39' 13.367" E
142	P91		772123.9053	2546860.085	23° 0' 28.454" N	83° 39' 17.410" E
143	P92		772231.133	2546784.641	23° 0' 25.940" N	83° 39' 21.125" E
144	P93		772201.7071	2546676.983	23° 0' 22.460" N	83° 39' 20.024" E
145	P94		772081.0262	2546632.079	23° 0' 21.072" N	83° 39' 15.760" E
146	P95		772155.1059	2546508.942	23° 0' 17.028" N	83° 39' 18.282" E
147	P96		772262.8155	2546415.861	23° 0' 13.941" N	83° 39' 22.002" E
148	P97		772406.0356	2546394.178	23° 0' 13.152" N	83° 39' 27.014" E
149	P98		772509.4297	2546304.84	23° 0' 10.189" N	83° 39' 30.585" E
150	P99		772502.6484	2546186.399	23° 0' 6.346" N	83° 39' 30.272" E
151	P100		772639.8108	2546162.447	23° 0' 5.487" N	83° 39' 35.070" E
152	P101		772683.2797	2546096.529	23° 0' 3.320" N	83° 39' 36.553" E
153	P102		772560.9212	2546024.03	23° 0' 1.037" N	83° 39' 32.213" E
154	P103		772428.5718	2546011.708	23° 0' 0.714" N	83° 39' 27.561" E
155	P104		772308.6803	2545974.748	22° 59' 59.584" N	83° 39' 23.331" E
156	P105		772172.2115	2546007.241	23° 0' 0.720" N	83° 39' 18.563" E
157	P106		772044.7989	2545981.716	22° 59' 59.966" N	83° 39' 14.076" E
158	P107		771920.5805	2546028.877	23° 0' 1.571" N	83° 39' 9.747" E
159	P108		771780.131	2546032.471	23° 0' 1.770" N	83° 39' 4.821" E
160	P109		771775.7273	2545894.222	22° 59' 57.282" N	83° 39' 4.578" E
161	P110		771862.3165	2545774.848	22° 59' 53.353" N	83° 39' 7.541" E
162	P111		771963.142	2545684.271	22° 59' 50.351" N	83° 39' 11.021" E
163	P112		772096.7635	2545620.077	22° 59' 48.188" N	83° 39' 15.669" E
164	P113		772212.1127	2545527.004	22° 59' 45.096" N	83° 39' 19.658" E
165	P114		772159.7529	2545477.836	22° 59' 43.530" N	83° 39' 17.789" E
166	P115		772039.3819	2545437.709	22° 59' 42.297" N	83° 39' 13.540" E
167	P116	Patch-2_19	770907.2313	2542321.635	22° 58' 1.734" N	83° 38' 31.843" E
168	P117		770742.4768	2542252.29	22° 57' 59.577" N	83° 38' 26.020" E
169	P1	Patch-3_1	771032.6761	2542122.036	22° 57' 55.176" N	83° 38' 36.118" E
170	P2		771036.9194	2542114.645	22° 57' 54.933" N	83° 38' 36.262" E
171	P3	Patch-3_2	771147.6928	2541911.999	22° 57' 48.285" N	83° 38' 40.020" E
172	P4		771159.3265	2541882.948	22° 57' 47.335" N	83° 38' 40.410" E

DGPS Survey Points

Jashpur Division

Sr.No.	PointID	Patch No	UTM Coordinates		Geographical Coordinates	
			Easting (m)	Northing (m)	Latitude "N"	Longitude "E"
173	P5	Patch-3_3	771285.5383	2541521.706	22° 57' 35.526" N	83° 38' 44.609" E
174	P6		771342.8331	2541397.413	22° 57' 31.455" N	83° 38' 46.541" E
175	P7	Patch-3_4	770963.0137	2540361.595	22° 56' 58.027" N	83° 38' 32.562" E
176	P8		770963.0182	2540152.84	22° 56' 51.246" N	83° 38' 32.431" E
177	P9	Patch-3_5	770961.1388	2540044.382	22° 56' 47.724" N	83° 38' 32.296" E
178	P10		770954.8081	2539849.065	22° 56' 41.382" N	83° 38' 31.951" E
179	P11	Patch-3_6	770816.8737	2539400.805	22° 56' 26.901" N	83° 38' 26.830" E
180	P12		770643.1443	2539137.873	22° 56' 18.460" N	83° 38' 20.571" E
181	P13		770571.9008	2538898.422	22° 56' 10.723" N	83° 38' 17.921" E
182	P14		770418.5789	2538712.251	22° 56' 4.765" N	83° 38' 12.426" E
183	P15		770280.5335	2538505.676	22° 55' 58.134" N	83° 38' 7.455" E
184	P16	Patch-3_7	772894.3389	2527959.805	22° 50' 14.014" N	83° 39' 32.449" E
185	P17		772982.7705	2527642.712	22° 50' 3.661" N	83° 39' 35.348" E
186	P18	Patch-3_8	773118.4205	2525924.82	22° 49' 7.775" N	83° 39' 39.017" E
187	P19		773089.4062	2525800.209	22° 49' 3.744" N	83° 39' 37.921" E
188	P20		773484.2565	2524051.195	22° 48' 6.694" N	83° 39' 50.652" E
189	P21		773516.2464	2523962.477	22° 48' 3.793" N	83° 39' 51.717" E
190	P22	Patch-3_10	773790.8491	2523390.108	22° 47' 45.038" N	83° 40' 0.977" E
191	P23		773854.8926	2523297.296	22° 47' 41.986" N	83° 40' 3.162" E
192	P24	Patch-3_11	775376.3629	2520609.525	22° 46' 13.778" N	83° 40' 54.762" E
193	P25		775466.6446	2520529.689	22° 46' 11.131" N	83° 40' 57.874" E
194	P26		775631.2706	2520087.858	22° 45' 56.681" N	83° 41' 3.360" E
195	P27	Patch-3_12	775747.8992	2519929.497	22° 45' 51.468" N	83° 41' 7.345" E
196	P28		775877.3544	2519779.163	22° 45' 46.508" N	83° 41' 11.784" E
197	P29		776022.7947	2519643.041	22° 45' 42.000" N	83° 41' 16.792" E
198	P30		776156.0753	2519493.923	22° 45' 37.077" N	83° 41' 21.365" E
199	P31		776293.6079	2519348.862	22° 45' 32.283" N	83° 41' 26.091" E
200	P32		776436.3277	2519208.751	22° 45' 27.648" N	83° 41' 31.000" E
201	P33	Patch-3_13	777437.4563	2518321.15	22° 44' 58.221" N	83° 42' 5.499" E
202	P34		777576.8433	2518072.224	22° 44' 50.052" N	83° 42' 10.222" E
203	P35		777704.8155	2517922.829	22° 44' 45.123" N	83° 42' 14.609" E

DGPS Survey Points

Jashpur Division

Sr.No.	PointID	Patch No	UTM Coordinates		Geographical Coordinates	
			Easting (m)	Northing (m)	Latitude "N"	Longitude "E"
204	P36	Patch-3_13	777887.3505	2517842.008	22° 44' 42.389" N	83° 42' 20.950" E
205	P37		778083.6142	2517845.64	22° 44' 42.391" N	83° 42' 27.826" E
206	P38		778226.8171	2517709.439	22° 44' 37.881" N	83° 42' 32.755" E
207	P39		778407.7082	2517624.585	22° 44' 35.017" N	83° 42' 39.036" E
208	P40		778545.7944	2517482.083	22° 44' 30.306" N	83° 42' 43.780" E
209	P41		778658.6119	2517316.94	22° 44' 24.874" N	83° 42' 47.625" E
210	P42		778748.4274	2517138.53	22° 44' 19.025" N	83° 42' 50.657" E
211	P43		778964.6827	2516919.667	22° 44' 11.787" N	83° 42' 58.090" E
212	P44		779176.4205	2516902.743	22° 44' 11.111" N	83° 43' 5.494" E
213	P45	Patch-3_15	779449.0898	2514202.661	22° 42' 43.237" N	83° 43' 13.307" E
214	P46		779546.4464	2513937.713	22° 42' 34.572" N	83° 43' 16.546" E
215	P47		779588.6585	2513693.406	22° 42' 26.610" N	83° 43' 17.867" E
216	P48		779661.8891	2513456.519	22° 42' 18.872" N	83° 43' 20.279" E
217	P49		779746.3709	2513229.868	22° 42' 11.458" N	83° 43' 23.091" E
218	P50		779640.3941	2513003.775	22° 42' 4.177" N	83° 43' 19.235" E
219	P51		779550.9524	2512772.243	22° 41' 56.709" N	83° 43' 15.955" E
220	P52		779531.5912	2512523.46	22° 41' 48.639" N	83° 43' 15.118" E
221	P53	Patch-3_16	780007.7556	2511420.636	22° 41' 12.530" N	83° 43' 31.080" E
222	P54		780114.8553	2511296.191	22° 41' 8.424" N	83° 43' 34.749" E
223	P55	Patch-3_17	780137.9392	2511271.145	22° 41' 7.596" N	83° 43' 35.541" E
224	P56		780181.3245	2511224.067	22° 41' 6.041" N	83° 43' 37.029" E
225	P57		780227.1351	2511174.358	22° 41' 4.399" N	83° 43' 38.601" E
226	P58		780271.3373	2511126.394	22° 41' 2.815" N	83° 43' 40.118" E
227	P59	Patch-3_19	780420.9498	2510743.249	22° 40' 50.279" N	83° 43' 45.109" E
228	P60		780441.9989	2510681.406	22° 40' 48.257" N	83° 43' 45.806" E
229	P61	Patch-3_20	780485.5361	2510541.048	22° 40' 43.672" N	83° 43' 47.239" E
230	P62		780513.303	2510447.672	22° 40' 40.622" N	83° 43' 48.151" E
231	P63	Patch-3_21	780645.7976	2510120.813	22° 40' 29.925" N	83° 43' 52.579" E
232	P64		780844.758	2509875.609	22° 40' 21.841" N	83° 43' 59.386" E
233	P65	Patch-3_22	781204.9418	2508631.647	22° 39' 41.216" N	83° 44' 11.192" E
234	P66		781245.9953	2508487.743	22° 39' 36.517" N	83° 44' 12.536" E
235	P67		781327.8266	2508361.067	22° 39' 32.353" N	83° 44' 15.318" E

DGPS Survey Points

Jashpur Division

Sr.No.	PointID	Patch No	UTM Coordinates		Geographical Coordinates	
			Easting (m)	Northing (m)	Latitude "N"	Longitude "E"
236	P68	Patch-3_22	781409.6579	2508234.391	22° 39' 28.189" N	83° 44' 18.101" E
237	P69		781510.697	2508132.035	22° 39' 24.803" N	83° 44' 21.571" E
238	P1	Patch-4_1	783095.6016	2507111.886	22° 38' 50.713" N	83° 45' 16.381" E
239	P2		783181.4687	2507161.193	22° 38' 52.263" N	83° 45' 19.418" E
240	P3		783268.5048	2507214.369	22° 38' 53.938" N	83° 45' 22.498" E
241	P4		783342.818	2507287.051	22° 38' 56.254" N	83° 45' 25.146" E
242	P5		783473.892	2507350.835	22° 38' 58.247" N	83° 45' 29.775" E
243	P6		783578.4186	2507450.436	22° 39' 1.420" N	83° 45' 33.498" E
244	P7		783704.6755	2507530.977	22° 39' 3.960" N	83° 45' 37.969" E
245	P8		783841.0066	2507592.942	22° 39' 5.890" N	83° 45' 42.781" E
246	P9		783984.2121	2507636.72	22° 39' 7.226" N	83° 45' 47.821" E
247	P10		784121.1068	2507696.038	22° 39' 9.070" N	83° 45' 52.651" E
248	P11		784266.0343	2507727.975	22° 39' 10.020" N	83° 45' 57.744" E
249	P12	Patch-4_1	784400.9907	2507798.23	22° 39' 12.221" N	83° 46' 2.513" E
250	P13		784549.8008	2507797.751	22° 39' 12.115" N	83° 46' 7.721" E
251	P14		784695.1049	2507828.679	22° 39' 13.032" N	83° 46' 12.826" E
252	P15		784826.0027	2507899.602	22° 39' 15.256" N	83° 46' 17.454" E
253	P16		784945.8052	2507989.614	22° 39' 18.108" N	83° 46' 21.705" E
254	P17		785071.8863	2508070.422	22° 39' 20.656" N	83° 46' 26.171" E
255	P18		785210.3126	2508126.859	22° 39' 22.406" N	83° 46' 31.052" E
256	P19		785353.4294	2508168.04	22° 39' 23.656" N	83° 46' 36.088" E
257	P20		785481.531	2508246.047	22° 39' 26.113" N	83° 46' 40.623" E
258	P21		785625.3377	2508222.106	22° 39' 25.248" N	83° 46' 45.640" E
259	P22		785752.3605	2508155.346	22° 39' 23.002" N	83° 46' 50.042" E
260	P23		785810.8518	2508025.542	22° 39' 18.750" N	83° 46' 52.004" E
261	P24		785887.8779	2507898.898	22° 39' 14.589" N	83° 46' 54.617" E
262	P25		785979.2934	2507799.731	22° 39' 11.312" N	83° 46' 57.751" E
263	P26		785930.2394	2507913.554	22° 39' 15.039" N	83° 46' 56.109" E
264	P27		785907.7589	2508051.631	22° 39' 19.538" N	83° 46' 55.413" E
265	P28		786050.6425	2508017.006	22° 39' 18.327" N	83° 47' 0.391" E
266	P29	Patch-4_2	788068.7545	2509132.419	22° 39' 53.326" N	83° 48' 11.757" E
267	P30		788120.493	2509140.143	22° 39' 53.546" N	83° 48' 13.573" E
268	P31		788171.9568	2509149.508	22° 39' 53.818" N	83° 48' 15.381" E
269	P32	Patch-4_3	788310.2756	2509175.718	22° 39' 54.585" N	83° 48' 20.239" E
270	P33		788358.6519	2509183.933	22° 39' 54.822" N	83° 48' 21.938" E

DGPS Survey Points

Jashpur Division

Sr.No.	PointID	Patch No	UTM Coordinates		Geographical Coordinates	
			Easting (m)	Northing (m)	Latitude "N"	Longitude "E"
271	P34	Patch-4_4	792231.3661	2511042.677	22° 40' 52.805" N	83° 50' 38.727" E
272	P35		792344.1192	2511141.411	22° 40' 55.942" N	83° 50' 42.740" E
273	P36		792430.2324	2511218.75	22° 40' 58.400" N	83° 50' 45.806" E
274	P37	Patch-4_5	794897.6991	2512189.995	22° 41' 28.404" N	83° 52' 12.832" E
275	P38		794991.8006	2512250.983	22° 41' 30.326" N	83° 52' 16.168" E
276	P39		795108.8791	2512332.597	22° 41' 32.903" N	83° 52' 20.321" E
277	P40		795210.0191	2512400.612	22° 41' 35.048" N	83° 52' 23.908" E
278	P41	Patch-4_6	799536.9959	2515429.755	22° 43' 10.692" N	83° 54' 57.456" E
279	P42		799627.297	2515540.402	22° 43' 14.228" N	83° 55' 0.694" E
280	P43		799707.9986	2515666.826	22° 43' 18.282" N	83° 55' 3.607" E
281	P44		799781.6722	2515797.398	22° 43' 22.476" N	83° 55' 6.276" E
282	P45		799867.1787	2515918.997	22° 43' 26.371" N	83° 55' 9.354" E
283	P46		799975.569	2516022.663	22° 43' 29.668" N	83° 55' 13.220" E
284	P47		800083.6085	2516126.565	22° 43' 32.974" N	83° 55' 17.074" E
285	P48		800198.5159	2516220.411	22° 43' 35.948" N	83° 55' 21.162" E
286	P49		800348.0723	2516225.844	22° 43' 36.029" N	83° 55' 26.402" E
287	P50		800496.4946	2516242.757	22° 43' 36.483" N	83° 55' 31.611" E
288	P51		800623.6515	2516319.75	22° 43' 38.902" N	83° 55' 36.116" E
289	P52		800738.0088	2516416.692	22° 43' 41.977" N	83° 55' 40.187" E
290	P53		800858.4673	2516506.056	22° 43' 44.802" N	83° 55' 44.466" E
291	P54		800975.9915	2516599.259	22° 43' 47.754" N	83° 55' 48.646" E
292	P55		801094.5318	2516691.165	22° 43' 50.663" N	83° 55' 52.860" E
293	P56		801212.1284	2516784.277	22° 43' 53.611" N	83° 55' 57.042" E
294	P57		801320.8523	2516887.273	22° 43' 56.887" N	83° 56' 0.920" E
295	P58		801420.072	2516999.655	22° 44' 0.473" N	83° 56' 4.472" E
296	P59		801524.6575	2517106.525	22° 44' 3.877" N	83° 56' 8.208" E
297	P60		801660.9785	2517166.563	22° 44' 5.739" N	83° 56' 13.023" E
298	P1	Patch-5_1	783660.9262	2511819.735	22° 41' 23.302" N	83° 45' 39.228" E
299	P2		783627.6144	2511730.341	22° 41' 20.418" N	83° 45' 38.003" E
300	P3		783524.8227	2511698.144	22° 41' 19.434" N	83° 45' 34.384" E
301	P4		783450.5505	2511658.1	22° 41' 18.178" N	83° 45' 31.758" E
302	P5		783366.7081	2511604.698	22° 41' 16.494" N	83° 45' 28.788" E
303	P6		783276.6623	2511529.866	22° 41' 14.117" N	83° 45' 25.587" E
304	P7		783248.514	2511429.334	22° 41' 10.869" N	83° 45' 24.536" E
305	P8		783208.5231	2511321.413	22° 41' 7.387" N	83° 45' 23.066" E

DGPS Survey Points

Jashpur Division

Sr.No.	PointID	Patch No	UTM Coordinates		Geographical Coordinates	
			Easting (m)	Northing (m)	Latitude "N"	Longitude "E"
306	P9	Patch-5_2	783221.0652	2511161.527	22° 41' 2.186" N	83° 45' 23.401" E
307	P10		783192.9388	2511044.702	22° 40' 58.408" N	83° 45' 22.341" E
308	P11		783170.1798	2510948.491	22° 40' 55.296" N	83° 45' 21.482" E
309	P12	Patch-5_3	783072.1562	2510290.729	22° 40' 33.989" N	83° 45' 17.623" E
310	P13		783053.3672	2510264.539	22° 40' 33.149" N	83° 45' 16.948" E
311	P14	Patch-5_4	783003.8565	2510159.722	22° 40' 29.774" N	83° 45' 15.147" E
312	P15		782965.1642	2510076.817	22° 40' 27.105" N	83° 45' 13.739" E
313	P16		782916.5991	2509972.832	22° 40' 23.756" N	83° 45' 11.971" E
314	P17	Patch-5_5	782886.8045	2509909.324	22° 40' 21.711" N	83° 45' 10.887" E
315	P18		782871.3072	2509876.292	22° 40' 20.647" N	83° 45' 10.323" E
316	P19		782855.8099	2509843.259	22° 40' 19.583" N	83° 45' 9.759" E
317	P20	Patch-5_6	782832.4186	2509793.789	22° 40' 17.991" N	83° 45' 8.909" E
318	P21		782765.0687	2509697.796	22° 40' 14.913" N	83° 45' 6.489" E
319	P22		782699.384	2509615.803	22° 40' 12.289" N	83° 45' 4.137" E
320	P23	Patch-5_7	782308.1271	2508774.012	22° 39' 45.179" N	83° 44' 49.896" E
321	P24		782305.6829	2508760.233	22° 39' 44.733" N	83° 44' 49.802" E
322	P25	Patch-5_8	782297.6443	2508714.914	22° 39' 43.266" N	83° 44' 49.491" E
323	P26		782259.1898	2508671.744	22° 39' 41.887" N	83° 44' 48.117" E
324	P27		782211.0062	2508635.967	22° 39' 40.753" N	83° 44' 46.408" E
325	P1	Patch-6_1	780913.1616	2558334.257	23° 6' 35.908" N	83° 44' 33.388" E
326	P2		781118.5138	2558471.079	23° 6' 40.227" N	83° 44' 40.690" E
327	P3	Patch-6_2	784735.9747	2557427.054	23° 6' 4.091" N	83° 46' 47.022" E
328	P4		784772.1462	2557390.264	23° 6' 2.873" N	83° 46' 48.268" E
329	P5	Patch-6_3	785711.8702	2556584.105	23° 5' 36.106" N	83° 47' 20.723" E
330	P6		785760.4782	2556553.291	23° 5' 35.074" N	83° 47' 22.409" E
331	P7	Patch-6_4	785970.986	2556444.694	23° 5' 31.416" N	83° 47' 29.727" E
332	P8		786227.5587	2556384.475	23° 5' 29.301" N	83° 47' 38.695" E
333	P9	Patch-6_5	786930.7417	2556197.755	23° 5' 22.798" N	83° 48' 3.258" E
334	P10		787020.3501	2556130.854	23° 5' 20.569" N	83° 48' 6.359" E

DGPS Survey Points

Jashpur Division

Sr.No.	PointID	Patch No	UTM Coordinates		Geographical Coordinates	
			Easting (m)	Northing (m)	Latitude "N"	Longitude "E"
335	P11	Patch-6_6	787163.2066	2555996.029	23° 5' 16.101" N	83° 48' 11.283" E
336	P12		787245.2479	2555912.911	23° 5' 13.350" N	83° 48' 14.108" E
337	P13	Patch-6_7	787896.8414	2555575.37	23° 5' 1.980" N	83° 48' 36.756" E
338	P14		787968.2747	2555476.948	23° 4' 58.738" N	83° 48' 39.197" E
339	P15	Patch-6_8	788055.7826	2555318.944	23° 4' 53.551" N	83° 48' 42.163" E
340	P16		788097.8564	2555255.597	23° 4' 51.468" N	83° 48' 43.597" E
341	P17	Patch-6_9	789591.736	2553865.826	23° 4' 5.391" N	83° 49' 35.098" E
342	P18		789711.0143	2553767.36	23° 4' 2.117" N	83° 49' 39.218" E
343	P19	Patch-6_10	792283.9196	2551640.36	23° 2' 51.409" N	83° 51' 8.076" E
344	P20		792563.1441	2551809.014	23° 2' 56.710" N	83° 51' 17.991" E
345	P21		792760.1269	2552075.837	23° 3' 5.251" N	83° 51' 25.088" E
346	P22	Patch-6_11	792974.2054	2552340.538	23° 3' 13.712" N	83° 51' 32.783" E
347	P23		793090.3278	2552383.98	23° 3' 15.049" N	83° 51' 36.889" E
348	P24	Patch-6_12	795172.015	2551795.489	23° 2' 54.608" N	83° 52' 49.545" E
349	P25		795090.2433	2551530.774	23° 2' 46.063" N	83° 52' 46.492" E
350	P26		795221.7809	2551343.632	23° 2' 39.901" N	83° 52' 50.979" E
351	P27		795445.4488	2551232.746	23° 2' 36.156" N	83° 52' 58.752" E
352	P28		795578.4712	2551139.066	23° 2' 33.028" N	83° 53' 3.356" E
353	P29		795548.4662	2550912.957	23° 2' 25.704" N	83° 53' 2.146" E
354	P30		795545.7505	2550664.458	23° 2' 17.635" N	83° 53' 1.879" E
355	P31	Patch-6_13	795672.2601	2550393.57	23° 2' 8.755" N	83° 53' 6.131" E
356	P32		795885.204	2550132.336	23° 2' 0.134" N	83° 53' 13.423" E
357	P33	Patch-6_14	796632.6399	2549826.228	23° 1' 49.713" N	83° 53' 39.439" E
358	P34		797021.4155	2549940.256	23° 1' 53.166" N	83° 53' 53.161" E
359	P35	Patch-6_15	799619.0714	2549703.456	23° 1' 43.797" N	83° 55' 24.149" E
360	P36		799849.522	2549743.19	23° 1' 44.938" N	83° 55' 32.263" E
361	P37	Patch-6_16	800543.0331	2549474.825	23° 1' 35.772" N	83° 55' 56.410" E
362	P38		800780.5245	2549169.734	23° 1' 25.708" N	83° 56' 4.528" E
363	P39		800704.5284	2548955.506	23° 1' 18.800" N	83° 56' 1.711" E

DGPS Survey Points

Jashpur Division

Sr.No.	PointID	Patch No	UTM Coordinates		Geographical Coordinates	
			Easting (m)	Northing (m)	Latitude "N"	Longitude "E"
364	P40	Patch-6_16	800803.5126	2548768.894	23° 1' 12.675" N	83° 56' 5.053" E
365	P41		800971.841	2548697.589	23° 1' 10.250" N	83° 56' 10.909" E
366	P42		801085.7216	2548574.841	23° 1' 6.189" N	83° 56' 14.818" E
367	P43		801268.747	2548434.32	23° 1' 1.506" N	83° 56' 21.141" E
368	P44		801203.6363	2548232.136	23° 0' 54.982" N	83° 56' 18.714" E
369	P45		801252.5737	2548041.762	23° 0' 48.767" N	83° 56' 20.297" E
370	P46		801427.1228	2547910.629	23° 0' 44.395" N	83° 56' 26.329" E
371	P47		801639.6272	2547973.372	23° 0' 46.294" N	83° 56' 33.829" E
372	P48		801764.194	2547807.848	23° 0' 40.837" N	83° 56' 38.083" E
373	P49		801781.0915	2547574.457	23° 0' 33.246" N	83° 56' 38.511" E
374	P50		801962.3077	2547648.761	23° 0' 35.540" N	83° 56' 44.921" E
375	P51	Patch-6_17	806126.0642	2547056.572	23° 0' 13.570" N	83° 59' 10.576" E
376	P52		806276.1732	2546869.157	23° 0' 7.384" N	83° 59' 15.708" E
377	P53		806470.8866	2546721.051	23° 0' 2.445" N	83° 59' 22.433" E
378	P54		806689.2059	2546811.165	23° 0' 5.227" N	83° 59' 30.156" E
379	P55		806880.4105	2546856.91	23° 0' 6.585" N	83° 59' 36.897" E
380	P56		806916.2592	2546678.329	23° 0' 0.762" N	83° 59' 38.026" E
381	P57		806961.0269	2546468.391	22° 59' 53.915" N	83° 59' 39.446" E
382	P58		807112.9274	2546330.539	22° 59' 49.337" N	83° 59' 44.676" E
383	P59		807122.1725	2546103.636	22° 59' 41.962" N	83° 59' 44.837" E
384	P1	Patch-7_1	807650.973	2545391.219	22° 59' 18.474" N	84° 0' 2.875" E
385	P2		807876.7276	2545168.177	22° 59' 11.081" N	84° 0' 10.634" E
386	P3		808008.3924	2545054.389	22° 59' 7.298" N	84° 0' 15.170" E
387	P4		808319.1602	2544898.019	22° 59' 2.013" N	84° 0' 25.958" E
388	P5	Patch-7_2	808590.758	2544791.568	22° 58' 58.375" N	84° 0' 35.408" E
389	P6		808681.1865	2544559.341	22° 58' 50.773" N	84° 0' 38.412" E
390	P7		808665.4013	2544305.331	22° 58' 42.534" N	84° 0' 37.676" E
391	P8	Patch-7_3	808714.5288	2544177.561	22° 58' 38.352" N	84° 0' 39.307" E
392	P9		808591.724	2543941.952	22° 58' 30.782" N	84° 0' 34.830" E
393	P10		808636.0154	2543719.823	22° 58' 23.539" N	84° 0' 36.224" E
394	P11		808676.9269	2543477.479	22° 58' 15.641" N	84° 0' 37.484" E
395	P12		808789.1974	2543254.2	22° 58' 8.316" N	84° 0' 41.261" E
396	P13		808964.7581	2543088.301	22° 58' 2.811" N	84° 0' 47.299" E
397	P14		809148.3635	2542940.882	22° 57' 57.901" N	84° 0' 53.632" E

Jashpur Division

संयुक्त वन मण्डलाधिकारी
बुन्देलखण्ड

वन परिक्षेत्राधिकारी
जशपुर परिक्षेत्र

वन परिक्षेत्राधिकारी
बुन्देलखण्ड परिक्षेत्र

वन परिक्षेत्राधिकारी
मनोरा

वन परिक्षेत्र अधिकारी
परि०, सन्ना

वन परिक्षेत्राधिकारी
कौलखिल परिक्षेत्र

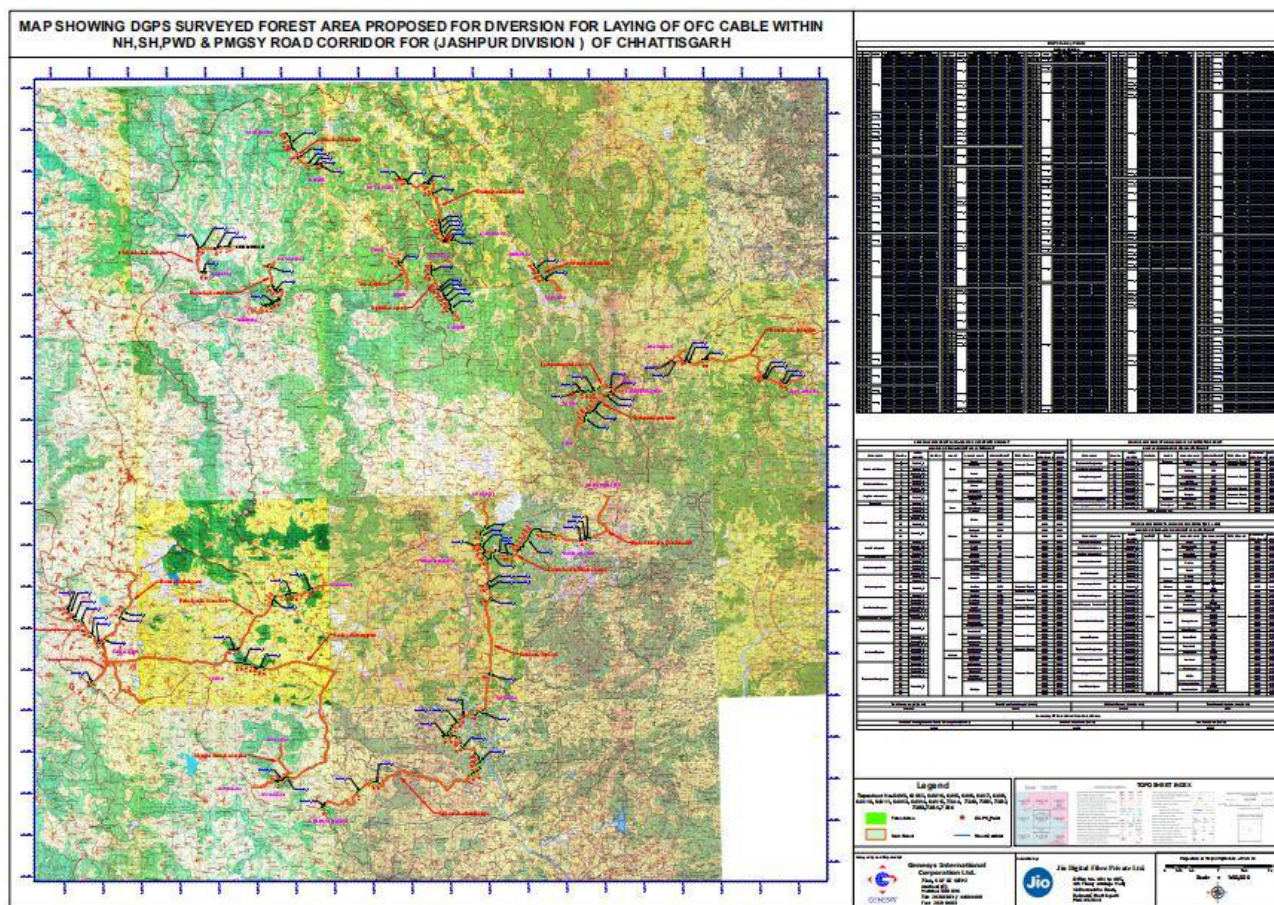
संयुक्त वन मण्डलाधिकारी
उप वन मण्डलाधिकारी
पथरगांव

वन मण्डलाधिकारी
जशपुर वन मण्डल

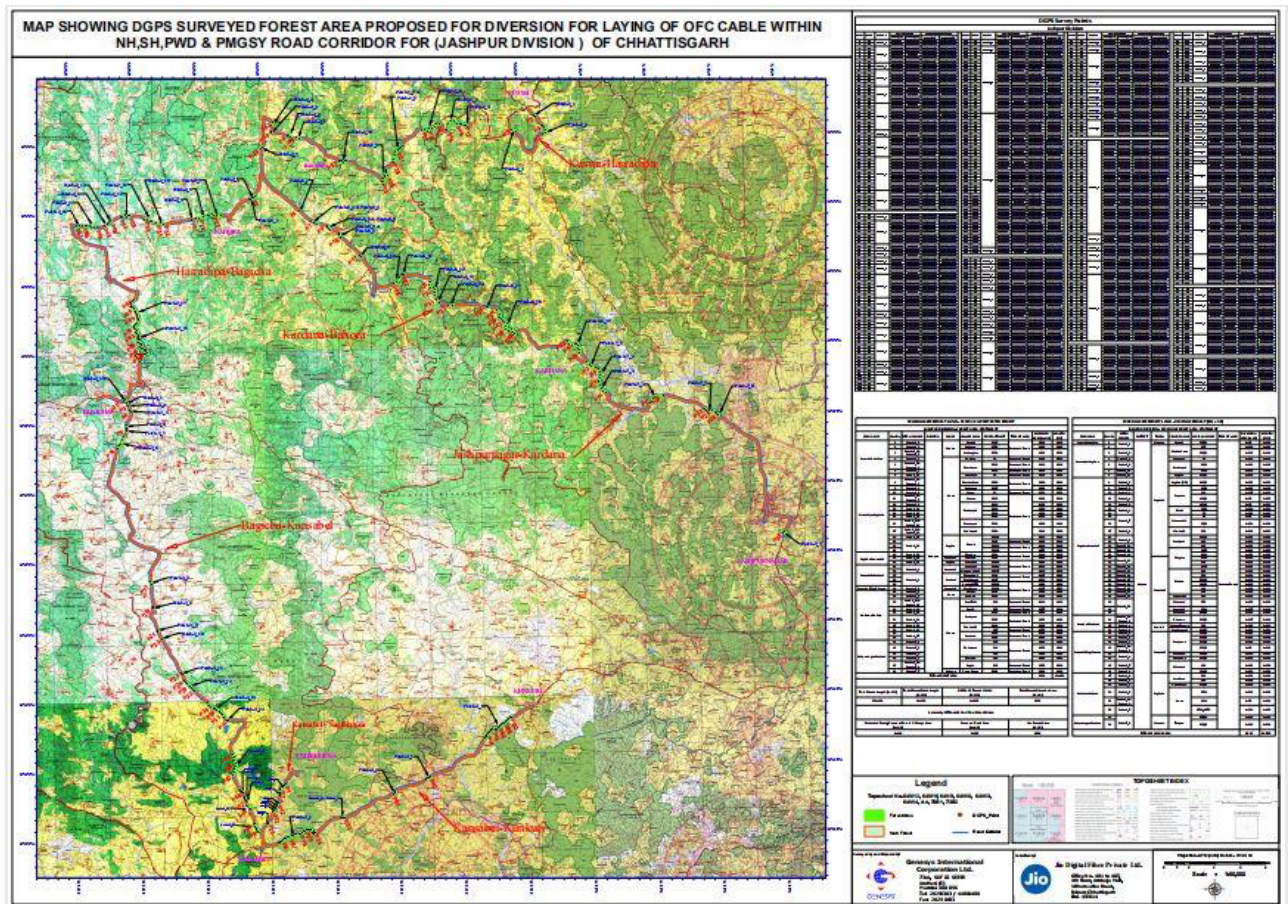
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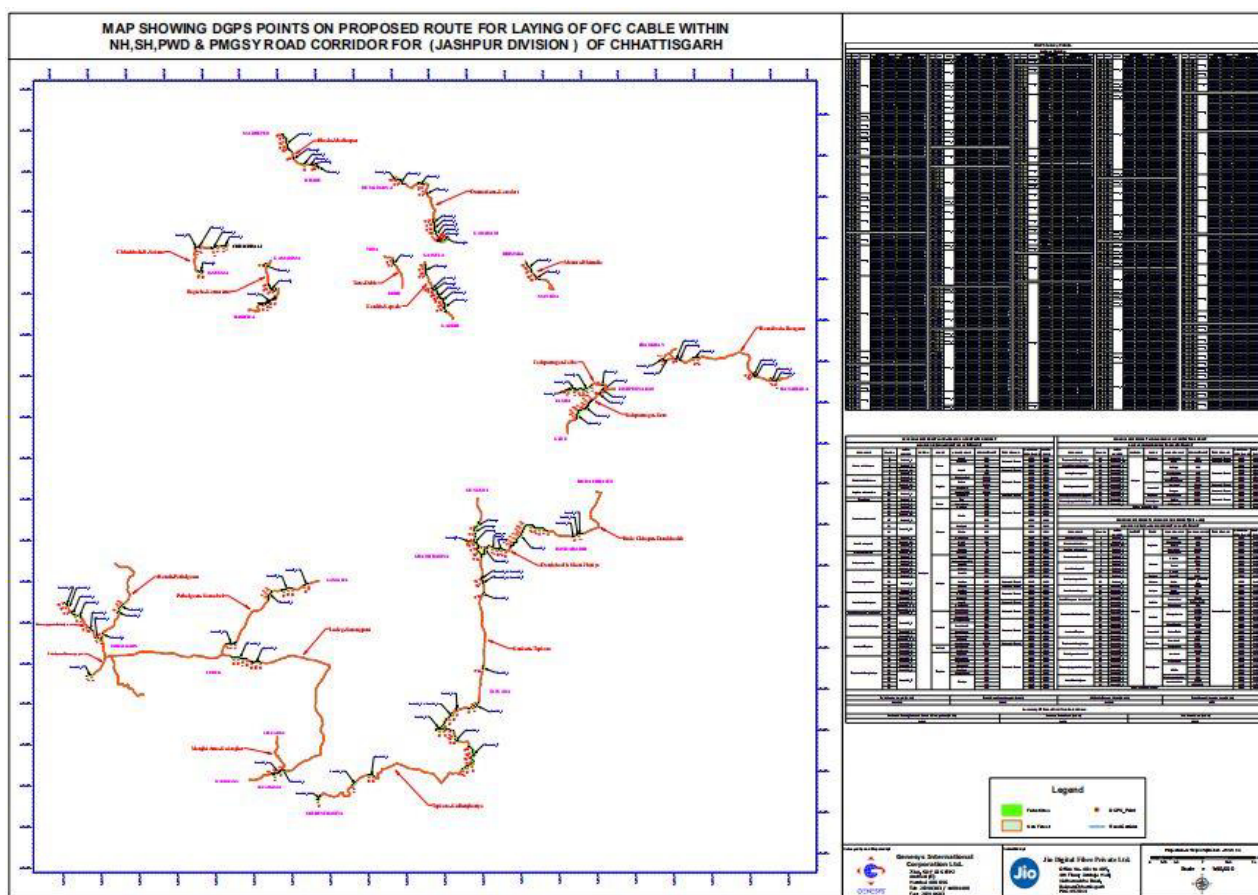
5.1 Geo-Referenced Maps of the Proposed Route of Segment-I (Annexure-3):



Geo-Referenced Maps of the Proposed Route of Segment-II (Annexure-3):



5.2 DGPS Maps of the Proposed Route (Annexure-4):



DGPS Maps of the Proposed Route of Segment-II (Annexure-4):

