

Third party Monitoring of WBCAMPA works for the financial year 2019-2020

NIT no. 04/ CAMPA/ 2C-203/ 2021-2022 dated 27.10.2021



Final Report

By

Topgrip Instruments Company



Final Report

Third party Monitoring of WBCAMPA works for the financial year 2019-2020

NIT no. 04/ CAMPA/ 2C-203/ 2021-2022 dated 27.10.2021

Topgrip Instruments Company



Team Members

Principal Investigators:	Dr. J.R.B Alfred & Mr. Biswajit Roy Chowdhury
Field Botanist:	Mr. Saikat Manna
Field Biologist:	Ms. Ranjana Saha
Assistants:	Mr. Ayan Roy Chowdhury
	Mr. Tayan Das

Contents	Page no.
Introduction	1
Methodology	1-2
Results	3-
1. Wildlife Headquarter	4 -6
2. 24 Parganas North Division	7
3. Silviculture South Division	7 - 8
4. Medinipur Division	9 -11
5. Rupnarayan Division	12 -13
6. Kharagpur Division	14 -16
7. Purba Medinipur Division	17
8. Jhargram training Center	18
9. Jhargram Division	19 - 20
10. Kansabati South Division	21- 22
11. Kansabati North Division	23 - 24
12. Purulia Division	25 - 26
13. Bankura North Division	27 - 28
14. Bankura South Division	29
15. Panchet Division	30
16. Durgapur Division	30 - 31
17. Birbhum Division	32 - 34
18. Burdwan Division	35
19. Buxa East Division	36
20. Buxa East Division	37
21. Jaldapara Wildlife Division	38 - 39
22. Cooch Behar Division	40
23. Jalpaiguri Division	41 - 42
24. Gorumara Wildlife Division	43 - 44
25. Baikunthapur Division	45
26. Silviculture North Division	46
27. Kurseong Division	47
28. Kurseong Soil Conservation Division	48
29. Darjeeling Division	49 - 50
30. Darjeeling Wildlife Division	51
31. Silviculture Hill Division	51 - 52
32. Kalimpong Division	53 - 54
33. Malda Division	55
Discussion	56 - 60
Observation	60 - 61
Annexure 1: Division Wise List Of Works	
Annexure 2: Photo Plates	
Annexure 3: Latitude and longitude of plantations	
Annexure 4: Raw Data	

Introduction:

The “Compensatory Afforestation Fund Management and Planning Authority” (CAMPA) is a national programme funded by the Ministry of Environment, Forests and Climate Change; Government of India being implemented in all the states of the country. Under this programme large scale activities have been taken up to accelerate preservation of natural forests, management of wildlife, infrastructure development in the sector and other allied works.

In order to meet the demand of forest produce and to increase the forest and tree cover, besides laying efforts for afforestation works through social forestry, farm forestry, agro-forestry, community forestry, afforestation on wasteland, Compensatory Afforestation through CAMPA is one of the important components.

In West Bengal, the Hon’ble Supreme Court also approved the guidelines prepared by the MoEF&CC for utilizing CAMPA funds by an agency to be constituted in the states and to be known as the West Bengal State CAMPA. These guidelines were notified by the MoEF&CC, Government of India on 2nd July, 2009. In the state of West Bengal CAMPA seeks to promote, conservation, protection, regeneration and management of existing natural forests, wildlife and its habitat within and outside protected areas, compensatory afforestation. Environmental services, including

- Wood, non-timber forest products, fuel, fodder and water, and provision of services such as grazing tourism, wildlife protection and life support.
- Regulating services such as climate regulation, disease control, detoxification, carbon sequestration and health of soils, air and water regimes; (forest range level). In short, the department would be modernized to protect and regenerate the forests and wildlife habitat.
- Non-material benefits obtained from ecosystems, spiritual, recreational, aesthetic, inspirational, educational and symbolic; and.
- Supporting such other services necessary for the production of ecosystem services, biodiversity, nutrient cycling and primary production, Research, training and capacity building.

After years of operations, it has become imperative that projects implemented so far, are assessed for outcomes and impacts. This would not only help in highlighting positive achievements but more importantly, aid in addressing areas of concern. For the unbiased assessment a tender notice has been called for the **‘Third party Monitoring of WBCAMPA works for the financial year 2019-2020 against NIT no. 04/ CAMPA/ 2C-203/ 2021-2022 dated 27.10.2021’.**

In this project the third-party monitoring is being conducted for the Financial Year 2019-2020. Where the evaluation is being made on the plantation and non-plantation works funded by WBCAMPA. Total 33 Forest Divisions in West Bengal is being evaluated through this project.

Methodology:

Each of the 33 Divisional forest office of South West Bengal and North Bengal were visited as per the schedule which was earlier sent to the office of the PCCF and CEO WBCAMPA. All the bills and vouchers along with other necessary documents like cash book, note book etc were checked and verified with the amount as provided by the WBCAMPA office for the financial year 2019-2020.

For plantation activities: list of plantations including range/beat/mouzas/area etc was collected from the respective forest divisional office. After collecting the plantation list each of the plantation sites were visited and 5% of the total plantation area has been sampled with a minimum quadrat size of 50m X 50m. In each sample plot all the plants (dead or alive) were counted and survival percentage has been calculated. As per methodology proposed by **IIFM, Bhopal** (Tambe *et al.*, 2016) average height (m) and girth (cm) were measured in the respective sample plots. GPS coordinates of 4 corners of each sampling plots along with photograph of plantation sites were taken. KML Maps of all sampling units (50mX50m) were prepared in Google Earth platform and plantation areas were verified. For up to 3-year-old plantation the girth was measured 50 cm above ground level, for up to 5-year-old plantations the girth was measured 100 cm above ground level and plantations older than 5 years, diameter at breast height were taken.

For non-plantation activities: It includes construction of toilets in JFMCs, construction/renovation of Range Offices, construction/renovation of staff quarters (Group-C, Group-D, Driver etc.), establishment of nursery, purchase of equipment, purchase of boats, JFMC micro-plan activities including earthen dam, digging ponds, submersible pumps, construction of watch tower etc. of concerned forest divisions. Information on all non-plantation activities of each forest division were collected from concerned divisional office and thereafter visited with officials of forest Range/Beat office and photographed as evidence of successful completion of the work.

Scoring of the non-plantation/asset creation/other activities were done based on the marking criteria as follows:

- 5- Verified Physically and with documents
- 4- Verified Physically but documents are not traceable
- 3- Verified from available documents only
- 2- Verified with the other sources (circumstantial evidences)
- 1- Could not be traced

Weighted average survival percentage of plantations in each forest division was calculated using the following formula –

$$\text{Weighted average survival} = \frac{\text{Area} * \text{Survival \%}}{\text{Total area}}$$

Performance, based on the weighted average survival percentage, the plantations in each of the forest divisions (2019) were categorised as follows –

Sl. No.	Category	Weighted average survival (%)
1	Category A	75% and above
2	Category B	60%-74%
3	Category C	40%-59%
4	Category D	Less than 40%

The division wise list of plantation and non-plantation works was provided along with the NIT (Annexure - 1)

Results:

Visit to the concerned forest Divisions of South and South-West Bengal:

Sl. No.	Division	Office Visit	Field Visit
1	Wildlife Headquarter	01.12.2021 to 02.12.2021	01.12.2021 to 02.12.2021
2	24 Parganas North	01.12.2021	01.12.2021
3	Silviculture South	03.12.2021	04.12.2021, 08.12.2021, 12.12.2021
4	Medinipur	03.12.2021	04.12.2021,
5	Rupnarayan	03.12.2021	05.12.2021
6	Kharagpur	05.12.2021	10.01.2022
7	Purba Medinipur	06.12.2021	06.12.2021
8	Jhargram training Centre	06.12.2021	06.12.2021
9	Jhargram	07.12.2021	07.12.2021, 08.12.2021
10	Kansabati South	09.12.2021	10.12.2021
11	Kansabati North	09.12.2021	12.12.2021
12	Purulia	09.12.2021	11.12.2021
13	Bankura North	13.12.2021	14.12.2021
14	Bankura South	13.12.2021	14.12.2021
15	Panchet	13.12.2021	13.12.2021
16	Durgapur	15.12.2021	16.12.2021, 17.12.2021
17	Birbhum	17.12.2021	18.12.2021, 19.12.2021
18	Burdwan	20.12.2021	20.12.2021

Visit to the concerned forest Divisions of North Bengal:

Sl. No.	Division	Office Visit	Field Visit
1	Buxa East	23.12.2021	23.12.2021
2	Buxa West	23.12.2021	23.12.2021
3	Jaldapara Wildlife	24.12.2021	25.12.2021
4	Cooch Behar	24.12.2021	24.12.2021
5	Jalpaiguri	26.12.2021	27.12.2021
6	Gorumara Wildlife	26.12.2021	27.12.2021
7	Baikunthapur	28.12.2021	29.12.2021
8	Silviculture North	28.12.2021	28.12.2021, 05.01.2022, 06.01.2022
9	Kurseong	29.12.2021	30.12.2021
10	Kurseong Soil Conservation	29.12.2021	29.12.2021, 30.12.2021
11	Darjeeling	31.12.2021	02.01.2022
12	Darjeeling Wildlife	31.12.2021	31.12.2021
13	Silviculture Hill	31.12.2021	01.01.2022, 03.01.2022
14	Kalimpong	03.01.2022	04.01.2022
15	Malda	05.01.2022	05.01.2022

1. Wildlife Headquarter

Tabular statement of physical and financial achievement:

Item of Works	Division/ Range/ Beat/ Geo- locations	Physical (Unit)	Financial (Rs)	Secondary Data	Ground Truthing	Information based on interaction with stakeholders etc.	Remarks/ Scoring
Guns, cartridges, search lights etc.	Div HQ	Tactical flash light – 30, Search light – 10, water proof light – 10, flash light – 8, binocular with battery - 1	3,04,980.00	Cash book, Bills and Vouchers	-	-	3
Purchase of tranquilizing equipment, medicines etc.	Div HQ	Injection needles – 62, tranquilizing medicine – 2 vials, Ketamine injection – 230 vials, LED light, Telinject Applicator with accessories – 3, 18 types of medicine, Cargo handling/transportation/loading/customs charges, E-tender charges	10,14,220.00	Cash book, Bills and Vouchers	-	-	3
Repairing of cages, boundary walls at sanctuaries etc.	Deer park, Salt Lake	Labour charges, Raw material supply, vehicle hiring charges	-92,570.00	Cash book, Bills and Vouchers	-	Expenses done from interest balance	3
Interest received upto March 2019 (2018-19 – 88,938.00 and for 2017-18 – 36,635.00 less 29.00 as bank charges) and 2019-20 interest Rs. 90,779.00	Div HQ	Bank charges	1,94,076.00	Cash book, Bills and Vouchers	-	-	3

Supply of snake catcher	Div HQ	Snake tong making cost, vehicle hiring cost	1,46,000.00	Cash book, Bills and Vouchers	-	-	3
Preparation of publicity materials and create awareness to stop illegal capture and trade of wild animals	Shyambazar, Narendrapur, Galiff street	Vehicle hiring, food supply, payment for street play	5,45,520.00	Cash book, Bills and Vouchers	Photographed (circumstantial evidence)	-	5
Supply of food/medicine for rescued animals at wildlife rescue center	Deer park, Salt Lake	Supply of food, vehicle hiring charges	1,77,704.00	Cash book, Bills and Vouchers	-	-	3
Organizing workshop for participation and improvement of wildlife animals in North Bengal and South Bengal	Div HQ	Vehicle hiring, banner, street play, food, logistics, equipment, catering service, leaflet printing, labour (distribution of leaflets), jute bags, tactical mobile pouch bag, table top writing desk, table top paper cutting	67,550.00	Cash book, Bills and Vouchers	Photograph of circumstantial evidence	-	5
Purchase of equipment like camera traps and range finders for census of wild animals for use in different protected areas in West Bengal	Div HQ	Camera trap costs, shipping charges	5,00,000.00	Cash book, Bills and Vouchers	-	-	3
Purchase of office equipment for establishment of	Deer park, Salt Lake	Cork sheet -2, Table – 1, Show case – 2, Executive table and chair – 1 each, LCD panel of laptop – 1, Antivirus – 1, 2 TB	3,33,365.00	Cash book, Bills and Vouchers	Photographed	-	5

control room at wild animal rescue centre for monitoring of wild elephants of South Bengal		external hard drive 1, Wireless keyboard and mouse – 1 each, UPS – 1, 1 TB hard disk – 1, 8-part LAN switch – 1, Stored angle structure – 3, Nikon digital camera, LG LED TV – 2					
Tranquilizing gun of international standard	Div HQ	1	2,00,000.00	Cash book, Bills and Vouchers	-	-	3
Cuddeback camera trap and logistics, snake catching box small and big	Div HQ	Camera trap costs, shipping charges, vehicle hiring costs, snake catching box making charges	7,00,000.00	Cash book, Bills and Vouchers	-	-	3
Labour, vehicle and POL for rescue and release of urban wildlife	Deer Park, Salt lake	Vehicle hiring, Labour Charges	9,80,000.00	Cash book, Bills and Vouchers	-	-	3
Hiring of veterinary services for treatment of rescued animals including their surgical treatment and post mortem and disposal of carcass	WAR & TFC range	Honorarium for veterinary surgeon, Assistant, mazdoor, surgical equipment, Hiring of vehicle	3,60,000.00	Cash book, Bills and Vouchers	-	-	3
Operating 24 hours X 7 days toll free telephonic helpline to provide help	WAR & TFC range	Engaging Manpower, supply of computer and phones	60,000.00	Cash book, Bills and Vouchers	-	-	3
Food and medicine for rescued wildlife animals	WAR & TFC range	Food supply, Medicine supply, hiring of vehicle	6,00,000.00	Cash book, Bills and Vouchers	-	-	3

2. 24 Parganas North Division

Tabular statement of physical and financial achievement:

Item of Works	Division/ Range/ Beat/ Geo-locations	Physical (Unit)	Financial (Rs)	Secondary Data	Ground Truthing	Information based on interaction with stakeholders etc.	Remarks/ Scoring
Training of staffs against wildlife protection and conservation	Modern High School for Girls, Kolkata	One awareness programme of wildlife and biodiversity of Sundarban Biosphere Reserve	50075.00	Bills and Vouchers	-	-	3

3. Silviculture South Division

Tabular statement of physical and financial achievement:

Item of Works	Division/ Range/ Beat/ Geo-locations	Physical (Unit)	Financial (Rs)	Secondary Data	Ground Truthing	Information based on interaction with stakeholders etc.	Remarks/ Scoring
Creation of Block Plantation	Arabari Range, Jhargram Range, Beliatore Range, Ranibandh Range, Purulia Range	25 ha	3499936.00	Bills and Vouchers	Photographed and Sampled	-	5
Establishment of modern Nursery at Golapichawk, Medinipur	Attached Forest Range, Golapichawk. 22°26'40.92"N; 87°18' 36.72"E	Pump House, Upgradation of store room, electric pole, Corner CC work, Grounding, Boudary wall, barbed fencing	891380.00	Bills and Vouchers	Photographed	-	5

Plantation Works:

Nature of works	Range	Beat	Mouza/Block/compartment	Latitude	Longitude	Area	Survival Percentage	Avg Height (m)	Avg Girth (cm)	Date of Monitoring
Creation of Block Plantation	Arabari Range	Arabari	Ghagra	22°41'50.34"N	87°19'29.57"E	5 ha	76.42	3.77	5.32	4.12.21
	Jhargram Range	Jhargram	Amlachoti	22°22'50.43"N	87° 2'43.40"E	5 ha	99.32	1.51	8.70	8.12.21
	Beliatore Range	Beliatore	Damodarpur	23°20'43.16"N	87°13'38.46"E	5 ha	97.73	4.75	12.60	14.12.21
	Ranibandh Range	Ranibandh	Dhyangatand	23° 8'11.09"N	86°55'47.86"E	5 ha	100	2.93	17.50	14.12.21
	Purulia Range	Purulia	Lakhanpur	23°20'54.45"N	86°33'45.21"E	5 ha	92.29	4.45	17.20	12.12.21

4. Medinipur Division

Tabular statement of physical and financial achievement:

Item of Works	Division/ Range/ Beat/ Geo-locations	Physical (Unit)	Financial (Rs)	Secondary Data	Ground Truthing	Information based on interaction with stakeholders etc.	Remarks/ Scoring
2 nd year Maintenance of Compensatory afforestation Plantation	Godapeasal Range/Ghagrasole Beat/ Kulapachuria mouza	4.03 ha	1,00,750.00	Bills and Vouchers and plantation journal	Visited, sampled and photographed	-	5
Forest Protection	Bhadutala Range/Pirakata Range/Chandrakona Range/Lalgarh Range/Nayabasat Range/Arabari Range/Godapiasal Range/Midnapore Range/Chandra Range/MPP/AFR/ Div. HQ	Labour charge, Hiring vehicle, refreshment, supply of burnt mobil, kerosene for elephant driving	85,00,000.00	Bills and Vouchers	-	-	3
JFM support activities: Construction of Toilets in JFMCs	Bhadutala, Pirakata, Chandrakona, Godapiasal, Midnapore, Chandra, Nayabasat, Arabari, Lalgarh ranges	60	1,00,177.00	Bills and Vouchers	Visited and photographed	-	5
JFM support activities: Implementation of Micro plan activities	Ranges: Godapiasal, Bhadutala, Pirakata, Chandrakona, Chandra, Arabari,	Earthen dam - 5, Digging of pond - 2, Submersible	4,94,153.00	Bills and Vouchers	Visited and photographed	-	5

in JFMCs	Nayabasat, Lalgarrh, Midnapore, Div. HQ.	pump - 4, High Mast Light - 3, Toilet - 4, Chair and tables (Ls)					
Maintenance/ renovation of Group C quarters	Ranges: Bhadutala, Pirakata, Chandrakona, Godapiasal, Midnapore, Chandra, Nayabasat, Arabari, Lalgarrh ranges	8	2,25,428.00	Bills and Vouchers	Visited and photographed	-	5
Maintenance/ renovation of Group D quarters	Ranges: Bhadutala, Pirakata, Godapiasal, Chandra, Arabari, Nayabasat, Chandrakona, Midnapore, Lalgarrh, AFR	46	3,42,897.00	Bills and Vouchers	Visited and photographed	-	5
Compensatory afforestation Plantation (Advance work)	Bhadutola Range/Moupal Beat/Kamarasole mouza	7.6 ha	6,59,638.80	Bills and Vouchers and plantation journal	Visited and photographed	-	5

Plantation Works:

Nature of works	Range	Beat	Mouza/Block/compartment	Latitude	Longitude	Area	Survival Percentage	Avg Height (m)	Avg Girth (cm)	Date of Monitoring
2 nd year Maintenance of Plantation	Godapeasal	Ghagrasole	Kulapachuria	22°31'50.49"N	87°19'3.14"E	4.03 ha	96.60	2.47	8.80	4.12.21
Advance work of Plantation	Bhadutola	Moupal	Karamarasole	22°30'14.43"N	87°14'17.16" E	7.60 ha	-	-	-	4.12.21

5. Rupnarayan Division

Tabular statement of physical and financial achievement:

Item of Works	Division/ Range/ Beat/ Geo-locations	Physical (Unit)	Financial (Rs)	Secondary Data	Ground Truthing	Information based on interaction with stakeholders etc.	Remarks/ Scoring
Forest protection	Amlagora range: Pathrisole beat, Chandabila Beat, Rashkundu Beat; Hoomgarh Range: Baromasia beat, Hoomgarh beat	Labour charge, Hiring vehicle, refreshment, supply of burnt mobil, kerosene, jute bag for elephant driving	44,99,134.00	Bills and Vouchers at Rupnarayan Divisional Forest Office	-	-	3
2 nd year maintenance of older plantations	Hoomgarh range/Baromesia beat/Baromesia mouza	1 ha	25,000.00	Bills and Vouchers at Rupnarayan Divisional Forest Office	Visited, sampled and photographed	-	-
Raising Sal & miscellaneous plantation	Sal: Amlagora range/ Raskundu beat/ Tilara, Jadavnagar, Kadambandhi, Dhalma Miscellaneous: Amlagora range/ Chandabila beat/ Mathani, Lodha mouza. Mahalisai range/ Adalia beat/ Halimasan mouza	Sal 10 ha & Miscellaneous 21 ha	19,39,244.00	Bills and Vouchers at Rupnarayan Divisional Forest Office	Visited, sampled and photographed	-	5

Plantation Works:

Nature of works	Range	Beat	Mouza/Block/compartment	Latitude	Longitude	Area	Survival Percentage	Avg Height (m)	Avg Girth (cm)	Date of Monitoring
Creation of Miscellaneous plantation	Amlagora	Chandabila	Mathani	22°51'23.66"N	87°26'16.12"E	15 ha	98.64	4.4	8.3	5.12.21
	Amlagora	Chandabila	Lodha	22°51'6.74"N	87°27'26.53"E	2 ha	100	3.2	6.1	5.12.21
	Mahalisai	Adalia	Halimasan	22°48'53.3"N	87°08'03.6"E	4 ha	97.25	4.1	7.8	5.12.21
Raising Sal	Amlagora	Raskundu	Tilara, Jadavnagar	22°46'58.84"N	87°30'14.40"E	5 Ha Sal	96.8	0.6	2.4	5.12.21
	Amlagora	Raskundu	Kadambandhi, Dhalma	22°49'39.11"N	87°26'40.74"E	5 Ha Sal	100	1.6	4.3	5.12.21
2 nd year maintenance of older Plantation	Hoomgarh	Baromesia	Baromesia	22°48'26.7"N	87°14'02.5"E	1 ha	97.35	2.8	6.4	5.12.21

6. Kharagpur Division

Tabular statement of physical and financial achievement:

Item of Works	Division/ Range/ Beat/ Geo- locations	Physical (Unit)	Financial (Rs)	Secondary Data	Ground Truthing	Information based on interaction with stakeholders etc.	Remarks/ Scoring
Compensatory afforestation: Advance work	Kalaikunda Range/Sankrail Beat/Susnigeria mouza	22 ha	14,52,000.00	Plantation journals, Bills and vouchers	Visited, Sampled and photographed	-	3
2 nd year maintenance of plantation	Kalaikunda range/Kalaikunda beat/Arjuni mouza	25 ha	6,25,000.00	Plantation journals, Bills and vouchers	Visited, Sampled and photographed	-	5
3 rd year maintenance of Sal plantation	Hijli range/Hijli beat/Ajodhyagarh	2 ha	34,000.00	Bills and vouchers	Visited, Sampled and photographed	-	3
Forest protection	Chandabila, Nayagram, Keshorrekha, Kalaikunda, Ghatal S.F., Hijli Range	Establishment of trench over (508m x 1.2m x 1.2m), (253m x 1.5m x 1.2m) and (415m x 1.5m x 1.2m), relocation of wild elephant, erection of fencing, barbed fencing, supply of burnt mobil, gunny bags,	64,94,823.00	Bills and vouchers	-	-	3

		sound device, diesel, battery, SWG GI wire 2900 meter, plastic jar cane, repair and maintenance of fencing, jute bag, bamboo burn stick, dear enclosure, toner cartridge, supply of LED lights – 202, refreshment of labours					
JFM support activities: construction of toilets	Belda range/Keshiary beat/Hatigeria	2	95,366.00	Bills and vouchers	Visited and photographed	-	5

Plantation Works:

Nature of works	Range	Beat	Mouza/Block/ compartment	Latitude	Longitude	Area	Survival Percentage	Avg Height (m)	Avg Girth (cm)	Date of Monitoring
Compensatory afforestation: Advance work	Kalaikunda	Sankrail	Susnigeria	22°14'27"N	87° 7'44"E	22 ha	-	-	-	10.01.2022
2 nd year maintenance of plantation	Kalaikunda	Kalaikunda	Arjuni	22°21'19.20"N	87°10'52.21"E	25 ha	100	9	27.6	10.01.2022
3 rd year maintenance of Sal plantation	Hijli	Hijli	Ajodhyagarh	22°16'46.13"N	87°19'13.7"E	2 ha	98.43	7.2	12.7	10.01.2022

7. Purba Medinipur Division

Tabular statement of physical and financial achievement:

Item of Works	Division/ Range/ Beat/ Geo-locations	Physical (Unit)	Financial (Rs)	Secondary Data	Ground Truthing	Information based on interaction with stakeholders etc.	Remarks/ Scoring
Forest protection	Contai Range/Bajkul Range/Panskura Range/Haldia Range	Hiring vehicle, engagement of mazdoors, supply of hand gloves – 4 pair, supply of cell torch and battery - 6, supply of nylon rope – 4 kg, banners and posters - 58	10,00,000.00	Bills and vouchers	-	-	3

8. Jhargram training Center: Now shifted to Hijli, Kharagpur

Tabular statement of physical and financial achievement:

Item of Works	Division/ Range/ Beat/ Geo-locations	Physical (Unit)	Financial (Rs)	Secondary Data	Ground Truthing	Information based on interaction with stakeholders etc.	Remarks/ Scoring
Skill development programme and training to JFMCs On 10.05.2019	Hijli	Supply of food, hostel fare, security guard charges, vehicle hiring, training cost etc. for 30 trainees	2,80,800.00	Bills and vouchers	No scope of verification	-	3
Skill development training of JFMCs	Hijli	Supply of food, hostel fare, security guard charges, vehicle hiring, training cost etc. for 30 trainees	6,48,316.00	Bills and vouchers	No scope of verification	-	3

9. Jhargram Division

Tabular statement of physical and financial achievement:

Item of Works	Division/ Range/ Beat/ Geo-locations	Physical (Unit)	Financial (Rs)	Secondary Data	Ground Truthing	Information based on interaction with stakeholders etc.	Remarks/ Scoring
1 st year maintenance of older plantations	Jamboni and Porihati range	11.03 ha + 15.7 ha	28,39,360.00	Plantation journal, Bills and vouchers	Visited and photographed	-	5
Special improvement works of Compensatory afforestation	Manikpara range	59 ha	19,35,833.00 (Rs. 1430.00 was incurred from bank interest and utilized)	Plantation journal, Bills and vouchers	Visited and photographed	-	5
Forest protection	Silda Range/Lodhasuli Range/Gidhni Range/Jamboni Range/Gopiballavpur Range/Bhulabheda Range/Manikpara Range/Jhargram Range/Belpahari Range/Hatibari Range/Porihati Range/Banspahari Range	Mitigation of human elephant conflict: hiring vehicle/awareness and campaign/wedges of driving team/funeral of 6 elephants/supply of burnt mobil, kerosene oil/refreshment of driving team	60,00,000.00	Bills and vouchers	-	-	3

Plantation Works:

Nature of works	Range	Beat	Mouza/Block/compartment	Latitude	Longitude	Area	Survival Percentage	Avg Height (m)	Avg Girth (cm)	Date of Monitoring
1 st year maintenance of older plantations	Jamboni	Bhaluka	Khasjungle	22°21'23.71"N	86°54'11.30"E	11.03 ha	97.28	5.63	13.9	8.12.21
	Porihati	Erdoga	Guiara	22°32'46.31"N	86°50'8.81"E	15.7 ha	80.5	3.22	13.4	8.12.21
Special improvement works of Compensatory afforestation	Manikpara	Kusumghati	Lauriadam	22°22'43.5"N	87°03'39.71"E	16 ha	86.75	4.5	12.6	8.12.21
			Lauriadam	22°22'23.51"N	87° 4'29.42"E	23 ha	98.62	4.75	11.9	8.12.21
			Radhashyampur	22°20'58.56"N	87° 6'11.12"E	20 ha	93.34	2.7	9.2	8.12.21

10. Kansabati South Division

Tabular statement of physical and financial achievement:

Item of Works	Division/ Range/ Beat/ Geo-locations	Physical (Unit)	Financial (Rs)	Secondary Data	Ground Truthing	Information based on interaction with stakeholders etc.	Remarks/ Scoring
Construction/renovation of group C quarter (Advertisement expense)	Divisional Head Quarter	Advertisement charges	-2,000.00	Bills and vouchers	Residual fund of 2018-2019 which was refunded		3
Construction of toilets in JFMCs	Manbazar 1	2	3,64,571.00 (14,261.00 refunded)	Bills and vouchers	Visited and photographed	-	5
Recovery of encroachment area through plantation	Manbazar 1, Bandwan 1 and Jamuna Ranges	23.17 ha	21,99,435.00	Plantation journal, Bills and vouchers	Visited, sampled and photographed	-	5
Other expenses	Divisional Head Quarter	-	10,868.00	Adjusted against the penalty amount deducted by Union Bank of India (vide letter to PCCF & CEO, WB CAMPA from DFO ref. no. 423/1- 9(A)CAMPA dated 03.03.2020)			
Forest protection	Manbazar 1, Bandwan 1 and Jamuna Ranges	Elephant Driving, hiring vehicle wedges of driving team supply of burnt mobil, kerosene oil/refreshment of driving team	29,99,290.00	Bills and vouchers	-	-	3

Plantation Works:

Nature of works	Range	Beat	Mouza/Block/compartment	Latitude	Longitude	Area	Survival Percentage	Avg Height (m)	Avg Girth (cm)	Date of Monitoring
Recovery of encroachment area through plantation	Manbazar 1	Sindurpur	Majhihira	23° 5'31.18"N	86°32'19.54"E	5.17 ha	99.09	2.25	10.1	10.12.21
			Janara	23° 2'57.53"N	86°31'36.77"E	5 ha	95.69	1.96	8.85	
	Bandwan 1	Bandwan	Ghagra	22°49'9.31"N	86°34'1.67"E	3 ha	94.56	0.42	4.2	10.12.21
		Pargora	Patkita	22°49'14.11"N	86°28'52.00"E	2 ha	74.83	0.43	3.80	10.12.21
	Jamuna	Kuilapal	Hargora	22°50'55.62"N	86°36'37.46"E	3 ha	93.88	0.53	6.00	10.12.21
		Nanna	Harada	22°47'13.25"N	86°34'55.26"E	5 Ha	90.48	0.42	4.1	10.12.21

11. Kansabati North Division

Tabular statement of physical and financial achievement:

Item of Works	Division/ Range/ Beat/ Geo-locations	Physical (Unit)	Financial (Rs)	Secondary Data	Ground Truthing	Information based on interaction with stakeholders etc.	Remarks/ Scoring
1 st year maintenance of older plantations	Raghunathpur range	4 ha	2,37,000.00	Plantation journal, Bills and vouchers	Visited, sampled and photographed	-	5
2 nd year maintenance of older plantations	Raghunathpur range	3 ha		Plantation journal, Bills and vouchers	Visited, sampled and photographed	-	5
3 rd year maintenance of older plantations	Raghunathpur range	2 ha		Plantation journal, Bills and vouchers	Visited, sampled and photographed	-	5
Encroachment recovery (Sal plantation creation)	Hura, Kashipur, Puncha and Raghunathpur ranges	30.50 ha	28,95,243.00	Plantation journal, Bills and vouchers	Visited, sampled and photographed	-	5
Forest Protection: Elephant Driving	Hura, Kashipur, Puncha and Raghunathpur ranges	Hiring vehicle /wedges of driving team /supply of burnt mobil, kerosene oil/refreshment of driving team	9,49,980.00	Bills and vouchers	-	-	3
Forest Protection: Purchase of search light	Divisional HQ	18 nos.	50,000.00	Bills and vouchers	-	-	3

Plantation Works:

Nature of works	Range	Beat	Mouza/Block/compartment	Latitude	Longitude	Area	Survival Percentage	Avg Height (m)	Avg Girth (cm)	Date of Monitoring
Encroachment recovery (Sal plantation Creation)	Hura	Keshargarh	Chorgali, Kaitardih	23°16'11.05"N	86°33'17.08"E	9.5 ha	82.32	0.79	2.73	12.12.21
		Hura	Ledad	23°26'13.42"N	86°43'18.08"E	3 ha	82.53	0.7	4.5	12.12.21
	Kashipur	Sonathali	Kustore	23°20'2.20"N	86°46'0.59"E	2.5 ha	85.94	1.31	7.1	12.12.21
			Ranjandih	23°23'20.52"N	86°42'14.62"E	2 ha	85.94	1.17	7.9	
			Lajhna	23°23'25.40"N	86°41'40.79"E	2.5 ha	85.4	0.51	7.7	
		Gourangdi	Sumaidi	23°23'48.89"N	86°39'49.46"E	2 ha	85.71	0.8	6.6	
	Puncha	Puncha	Chatalalpur	23°15'25.75"N	86°35'0.38"E	2 ha	68.25	3.6	10.3	12.12.21
	Raghunathpur	Santuri	Santuri	23°31'52.68"N	86°51'22.41"E	2 ha	91.83	1.9	4.9	12.12.21
		Neturia	Saltore	23°41'15.04"N	86°48'17.86"E	5 ha	93.87	3.0	8.4	12.12.21
1 st year maintenance	Raghunathpur	Neturia	Maharajnagar	23°34'34.23"N	86°44'36.74"E	4 ha	96.59	3.4	10.4	12.12.21
2 nd year maintenance	Raghunathpur	Raghunathpur II	Murabag	28°37'22.68"N	86°31'7.32"E	3 ha	93.47	5.7	17.5	12.12.21
3 rd year maintenance	Raghunathpur	Dandua	Dandua	23°35'14.41"N	86°32'4.49"E	2 ha	38.09%	6.8	17.2	12.12.21

12. Purulia Division

Tabular statement of physical and financial achievement:

Item of Works	Division/ Range/ Beat/ Geo- locations	Physical (Unit)	Financial (Rs)	Secondary Data	Ground Truthing	Information based on interaction with stakeholders etc.	Remarks/ Scoring
1 st year maintenance	Jhalda Range	25.97	8,31,040.00	Plantation journal, Bills and vouchers	Visited, sampled and photographed	-	5
Encroachment Recovery plantation	Kotshila Range/Arsha Range	10 ha	9,44,232.00	Plantation journal, Bills and vouchers	Visited, sampled and photographed	-	5
3 rd year maintenance	Joypur Range	2 ha	34,000.00	Plantation journal, Bills and vouchers	Visited, sampled and photographed	-	5
Forest protection	Ajodhya Range/Baghmundi Range/Matha Range/Jhalda Range/Balarampur Range/Kotshila Range/Arsha Range	Elephant driving, construction of watch tower - 2, supply of search light – 25, supply of high-power LED search light - 65, Supply of EEDWS device - 4, perimeter control system, Power fencing over 3 km, Tender notice etc.	60,04,378.00	Bills and vouchers	-	-	3
Generating KML maps of diverted land	Div. HQ	2	1,90,000.00	Bills and vouchers	-	-	3

Plantation Works:

Nature of works	Range	Beat	Mouza/Block/compartment	Latitude	Longitude	Area	Survival Percentage	Avg Height (m)	Avg Girth (cm)	Date of Monitoring
1 st year maintenance	Jhalda	Kalma	Ichahatu	23°28'16.10"N	85°53'8.07"E	25.97 ha	98.06	3.99	20.8	11.12.21
Encroachment Recovery plantation	Kotshila	Murguma	Jaharhatu	23°20'18.81"N	86° 2'11.00"E	5 ha	87.52	1.9	3.54	11.12.21
	Arsha	Kantadih	Rajpoti	23°14'36.43"N	86°13'20.93"E	5 Ha	82.77	1.2	5.8	11.12.21
3 rd year maintenance	Joypur	Joypur	Joypur	23°25'57.63"N	86° 9'34.92"E	2 ha	83.11	6.28	19	11.12.21

13. Bankura North Division

Tabular statement of physical and financial achievement:

Item of Works	Division/ Range/ Beat/ Geo-locations	Physical (Unit)	Financial (Rs)	Secondary Data	Ground Truthing	Information based on interaction with stakeholders etc.	Remarks/ Scoring
1 st year maintenance	Chhanta range	0.19 ha	6,086.00	Plantation journal, Bills and vouchers	Visited, sampled and photographed	-	5
3 rd Year Maintenance	Bankura North range	4 ha	68,000.00	Plantation journal, Bills and vouchers	Visited, sampled and photographed	-	5
4 th Year Maintenance	Gangajalghati range	7.78 ha	77,800.00	Plantation journal, Bills and vouchers	Visited, sampled and photographed	-	5
Forest protection	Barjora, Beliatore, Radhanagar, Patrasayar, Sonamukhi, Gangajal Ghati ranges	Elephant driving, hiring vehicle wedges of driving team supply of burnt mobil, kerosene oil/refreshment of driving team	15,000.00	Bills and vouchers	-	-	3

Plantation Works:

Nature of works	Range	Beat	Mouza/Block/compartment	Latitude	Longitude	Area	Survival Percentage	Avg Height (m)	Avg Girth (cm)	Date of Monitoring
1 st year maintenance	Chhatna	Susunia	Hapania	23°24'14.32"N	86°59'22.18"E	0.19 ha	48.37	2.44	9.2	14.12.21
3 rd Year Maintenance	Bankura North	Salboni	Bodra Harialgara (FPC)	23°15'38.76"N	87° 2'38.94"E	4 ha	96.26	1.47	6.1	14.12.21
4 th Year Maintenance	Gangajalghati	Ukhradihi	Goaldanga (FPC)	23°23'44.2"N	87°04'04.00"E	7.78 ha	No plantation was found due to frequent grazing and forest fire. The area was very encroachment prone. Supportive documents like FIR etc. were attached to the plantation journal. (CA plantation)			14.12.21

14. Bankura South Division

Tabular statement of physical and financial achievement:

Item of Works	Division/ Range/ Beat/ Geo-locations	Physical (Unit)	Financial (Rs)	Secondary Data	Ground Truthing	Information based on interaction with stakeholders etc.	Remarks/ Scoring
Compensatory afforestation (Advance work)	Indpur	13.54 ha	1,73,000.00	Plantation journal, Bills and vouchers	Visited and photographed	-	3
Forest protection	Khatra, Ranibandh, Motgoda, Simlapal ranges	Labour/fuel/vehicle	10,00,000.00	Bills and vouchers	-	-	3

Plantation Works:

Nature of works	Range	Beat	Mouza/Block/ compartment	Latitude	Longitude	Area	Survival Percentage	Avg Height (m)	Avg Girth (cm)	Date of Monitoring
Compensatory afforestation (advance work)	The advance plantation of 13.54 Ha is not started yet, except seedling preparation (which are at present kept in the central nursery in the Indpur range) due to land is not yet transferred from vest to the user agency by DL & LRO as free hold premises. The photograph of seedlings was duly taken at central nursery, Indpur. A copy of the letter from the Divisional Forest Officer to the PCCF and CEO, WBCAMPA regarding CA land availability with regard to CA plantation at Indpur range has been taken.									14.12.2021

15. Panchet Division:

Tabular statement of physical and financial achievement:

Item of Works	Division/ Range/ Beat/ Geo-locations	Physical (Unit)	Financial (Rs)	Secondary Data	Ground Truthing	Information based on interaction with stakeholders etc.	Remarks/ Scoring
Construction of toilets in JFMCs	Joypur	30	1,55,862.00	Bills and vouchers	Visited and photographed	-	5

16. Durgapur Division

Tabular statement of physical and financial achievement:

Item of Works	Division/ Range/ Beat/ Geo-locations	Physical (Unit)	Financial (Rs)	Secondary Data	Ground Truthing	Information based on interaction with stakeholders etc.	Remarks/ Scoring
Artificial regeneration	Ukhra, Asansol range	50 ha	25,59,704.00	Plantation journal, Bills and vouchers	Visited, sampled and photographed	-	5
1 st year maintenance of older plantations	Ukhra range	65.63 ha	16,26,757.00	Plantation journal, Bills and vouchers	Visited, sampled and photographed	-	5
Renovation of group C quarter	Divisional HQ	Electrical works, paintings etc.	1,60,989.00	Bills and vouchers	Visited and photographed	-	5
Compensatory afforestation	Ukhra range	0.133	8,011.00	Plantation journal, Bills and vouchers	Visited, sampled and photographed	-	5
Wildlife and biodiversity management: solar light	Asansol Range	8	2,00,000.00	Bills and vouchers	-	-	3

Plantation Works:

Nature of works	Range	Beat	Mouza/Block/compartment	Latitude	Longitude	Area	Survival Percentage	Avg Height (m)	Avg Girth (cm)	Date of Monitoring
Artificial regeneration	Ukhra	Kantaberia	Dhabani	23°35'45.89"N	87°22'9.03"E	10 Ha	94.21	6.2	15.6	16.12.21
		Tilaboni	Bansgora	23°36'54.51"N	87°18'12.38"E	20 Ha	94.21	5.02	11.14	16.12.21
	Asansol	Mangalpur	Tirat	23°37'44.36"N	87° 3'26.06"E	7.5 Ha	90.25	1.92	10.6	16.12.21
			Mamudpur	23°40'41.52"N	87° 7'37.70"E	12.5 Ha	93.27	1.71	7.23	16.12.21
1 st year maintenance of older plantations	Ukhra	Tilaboni	Parulia	23°36'21.66"N	87°19'24.89"E	10 Ha	91.83	1.06	5.85	17.12.21
			Bansgora	23°36'53.07"N	87°17'54.65"E	30.63 Ha	95.53	6.68	14.5	16.12.21 17.12.21
	Ukhra	Kantaberia	Srikrishnapur	23°39'50.76"N	87°21'38.88"E	12 Ha	97.05	5.75	13.35	16.12.21
			Madhaiganj	23°39'36.21"N	87°19'1.40"E	13 Ha	98.56	7.38	15.8	16.12.21

17. Birbhum Division

Tabular statement of physical and financial achievement:

Item of Works	Division/ Range/ Beat/ Geo-locations	Physical (Unit)	Financial (Rs)	Secondary Data	Ground Truthing	Information based on interaction with stakeholders etc.	Remarks/ Scoring
Artificial regeneration	Dubrajpur and Rajnagar range	170 ha	1,20,03,185.00	Plantation journal, Bills and vouchers	Visited, sampled and photographed	-	5
Maintenance of seedling	Dubrajpur range	105 ha		Bills and vouchers	Visited and photographed	-	5
Compensatory afforestation	Dubrajpur range	0.562 ha	46,000.00	Bills and vouchers	Visited, sampled and photographed	-	5
1 st year maintenance	Rajnagar and Suri range	5.6 ha	1,75,887.00	Plantation journal, Bills and vouchers	Visited, sampled and photographed	-	5
Renovation of group C quarter	AFR	1	1,23,241.00	Bills and vouchers	-	-	3

Plantation Works:

Nature of works	Range	Beat	Mouza/Block/ compartment	Latitude	Longitude	Area	Survival Percentage	Avg Height (m)	Avg Girth (cm)	Date of Monitoring
Artificial regeneration	Dubrajpur	Bakreswar	Pratappur, Rampur	23°52'31.89"N, 23°52'28.97"N	87°19'24.89"E, 87°19'40.19"E	60 ha	83.4	4.46	17.68	18.12.21
		Rasha	Geruapahari	23°51'12.70"N	87° 7'51.46"E	10 ha	93.08	4.08	19.54	18.12.21
		Khairasole	Purba Shivpur, Bandhagal	23°51'11.33"N	87°14'55.50"E	20 ha	90.62	4.8	21.38	19.12.21

			Bhangabandh	23°48'24.37"N	87°17'2.51"E	15 ha	94.48	4.28	17.6	19.12.21
	Rajnagar	Aligarh	Lauberia	24° 1'14.12"N	87°20'11.11"E	48 ha	95.56	4.12	16.66	18.12.21
		Aligarh	Kanmora	23°59'24.80"N	87°23'17.90"E	17 ha	90.86	3.78	13.7	18.12.21
Compensatory afforestation	Dubrajpur	Hetampur	Andharboni	23°47' 1.15"	87°23' 18.35"	0.562 ha	Plantation not done; seedlings are still in the nursery of Dubrajpur range. Photograph taken.			18.12.21
Maintenance of seedling	Dubrajpur	Dubrajpur	Andharboni	23°47'0.96" N	87°23'18.6" E	105 ha	Photograph of seedling (tall) were taken at the nursery of Dubrajpur range.			18.12.21
1 st year maintenance	Rajnagar and Suri	Aligar and Purandarpur	Haripur (4.99 ha) and Ushagram (0.612 ha diversion)	23°58'50.42"N	87°25'58.12"E	5.6 ha	28.34 %	0.64	5.2	18.12.21

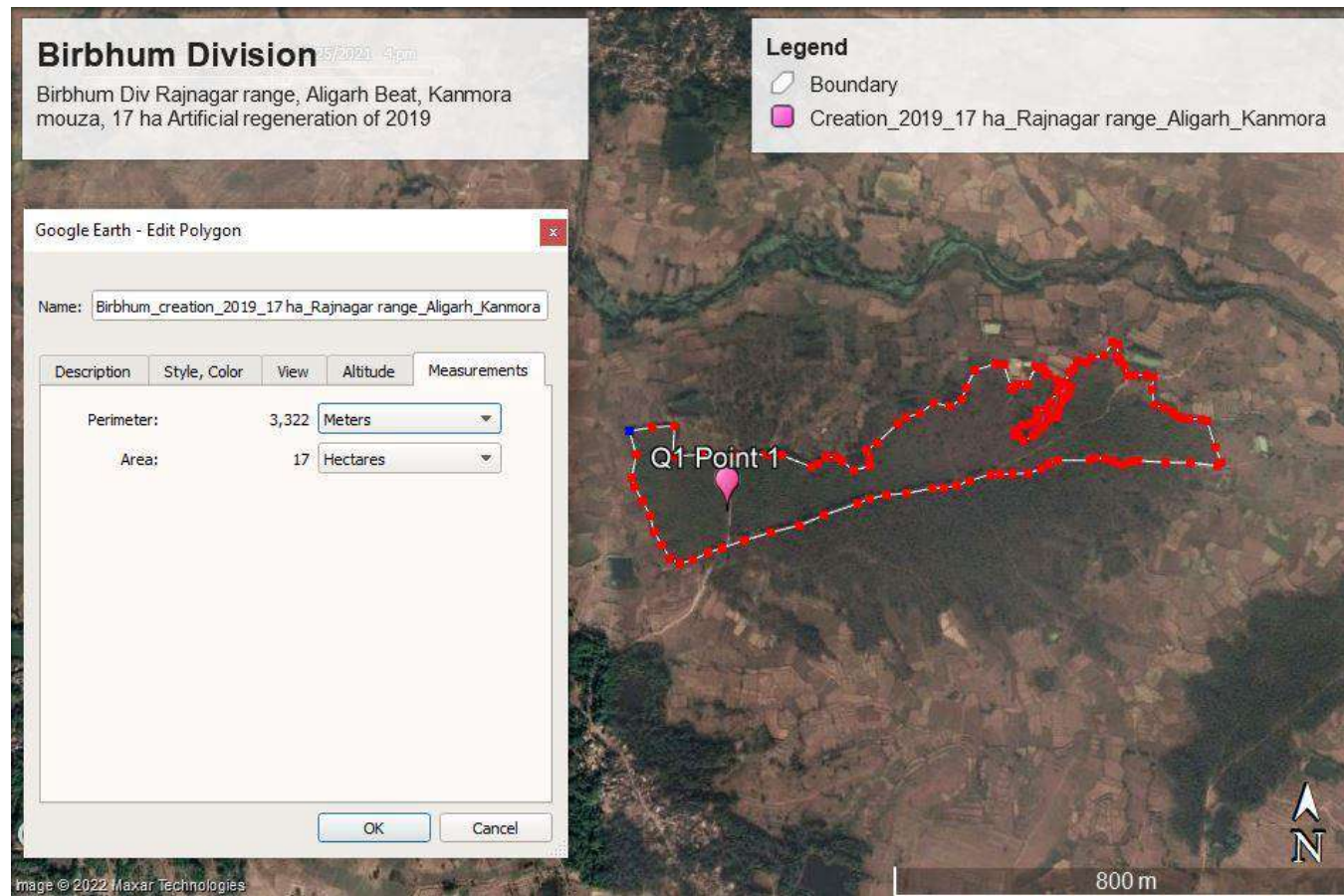


Figure 1: Sampling site of artificial regeneration at Rajnagar Range, Aligarh Beat, Kanmora Mouza under Birbhum Division.

18. Burdwan Division

Tabular statement of physical and financial achievement:

Item of Works	Division/ Range/ Beat/ Geo-locations	Physical (Unit)	Financial (Rs)	Secondary Data	Ground Truthing	Information based on interaction with stakeholders etc.	Remarks/ Scoring
Purchase of patrolling speed boat	Katwa Social Forestry Range	1	5,85,398.00	Bills and vouchers	-	-	3
Motorized patrolling boat for monitoring of Dolphin	Katwa Social Forestry Range	1	8,00,000.00	Bills and vouchers	-	-	3
Construction of two storied range office and group D quarter	Katwa Social Forestry Range	Advertisement cost in print media	8,968.00	Bills and vouchers	-	-	3
Purchase of solar light	Div. HQ	Advertisement cost of 12 Solar light	1,781.00	Bills and vouchers	-	-	3
Administrative expenses	Div. HQ	Bank charges	1011.17	Bills and vouchers	-	-	-

19. Buxa East Division

Tabular statement of physical and financial achievement:

Item of Works	Division/ Range/ Beat/ Geo-locations	Physical (Unit)	Financial (Rs)	Secondary Data	Ground Truthing	Information based on interaction with stakeholders etc.	Remarks/ Scoring
Compensatory Afforestation Works	South Raydak Range	21 ha	18,93,598.00	Plantation journal, Bills and vouchers	Visited, sampled and photographed	-	5
1 st Maintenance of plantation	South Raydak Range	12 ha	3,64,480.00	Plantation journal, Bills and vouchers	Visited, sampled and photographed	-	5

Plantation Works:

Nature of works	Range	Beat	Mouza/Block/ compartment	Latitude	Longitude	Area	Survival Percentage	Avg Height (m)	Avg Girth (cm)	Date of Monitoring
Compensatory Afforestation: creation Works	South Raydak	South Raydak	Dhawla – 1	26°36'1.01"N	89°43'28.49"E	21 ha	89.04	3.89	12.55	23.12.2021
1 st year Maintenance of plantation	South Raydak	South Raydak	Dhawla – 2	26°34'24.42"N	89°43'11.17"E	12 ha	88.38	4.68	15.55	23.12.2021

20. Buxa West Division

Tabular statement of physical and financial achievement:

Item of Works	Division/ Range/ Beat/ Geo-locations	Physical (Unit)	Financial (Rs)	Secondary Data	Ground Truthing	Information based on interaction with stakeholders etc.	Remarks/ Scoring
Maintenance/renovation of group-C quarter	SRVK-4, AFR	2	1,40,286.00	Bills and vouchers	Visited and photographed	-	5
Maintenance/renovation of group-D quarter	WDPO-14	14 (electrical works)	14,200.00	Bills and vouchers	Visited and photographed	-	5
2 nd year Maintenance of plantation	West Damanpur, Nimati, WRVK ranges	66.5 ha	16,77,061.00	Plantation journal, Bills and vouchers	Visited, sampled and photographed	-	5

Plantation Works:

Nature of works	Range	Beat	Mouza/Block/compartment	Latitude	Longitude	Area	Survival Percentage	Avg Height (m)	Avg Girth (cm)	Date of Monitoring
2 nd year Maintenance of plantation	West Damanpur	West Garam	Poro-8	26°33'54.72"N	89°29'23.21"E	23 ha	100	8.58	22.92	23.12.2021
		East Garam	DPO-6	26°34'03.2"N	89°30'45.9"E	23.5 ha	100	8.44	19.55	
	Nimati	East Nimati	Nimati-3	26°38'4.39"N	89°27'30.74"E	10 ha	100	Grass fodder		
	WRVK	NRVK	SRVK-2	26°39'23.40"N	89°32'48.23"E	10 ha	100			

21. Jaldapara Wildlife Division

Tabular statement of physical and financial achievement:

Item of Works	Division/ Range/ Beat/ Geo-locations	Physical (Unit)	Financial (Rs)	Secondary Data	Ground Truthing	Information based on interaction with stakeholders etc.	Remarks/ Scoring
Artificial regeneration	Chilapata range	45 ha	31,40,977.00	Plantation journal, Bills and vouchers	Visited, sampled and photographed	-	5
1 st year maintenance of plantation	Jaldapara West and Jaldapara South ranges	25 ha	2,52,400.00	Plantation journal, Bills and vouchers	Visited, sampled and photographed	-	5
Forest protection	Mendabari, Nilpara, Jaldapara East, Jaldapara West and Jaldapara North ranges	Mazdoor engagement, Supply of Plastic bucket and mugs for elephant driving duty	3,94,320.00	Bills and vouchers	-	-	3
Maintenance/renovation of group-C and group-D quarters	Chilapata, Jaldapara West ranges	Group-C quarter - 1 and group-D quarter - 20	15,01,178.00	Bills and vouchers	-	-	3

Plantation Works:

Nature of works	Range	Beat	Mouza/Block/ compartment	Latitude	Longitude	Area	Survival Percent age	Avg Height (m)	Avg Girth (cm)	Date of Monitoring
Artificial regeneration	Chilapata range	Bania	Ban-4	26°35'33.28"N	89°24'30.66"E	19 ha	87.23	2.6	10.3	25.12.2021
		Mendabari	MB-1	26°38'6.83"N	9°23'43.17"E	15 ha	86.52	3.6	21.9	

		Chilapata	Ban-7	26°33'6.02"N	89°22'20.10"E	11 ha	86.6	3.03	18.83	
1 st year maintenance of grass fodder plantation	Jaldapara West	Hollong	JP-5	26°39'24.76"N	89°18'15.37"E	20 ha	100	Grass fodder		25.12.2021
	Jaldapara South	Salkumar	SK-4	26°32'45.29"N	89°18'30.33"E	5 ha	100			

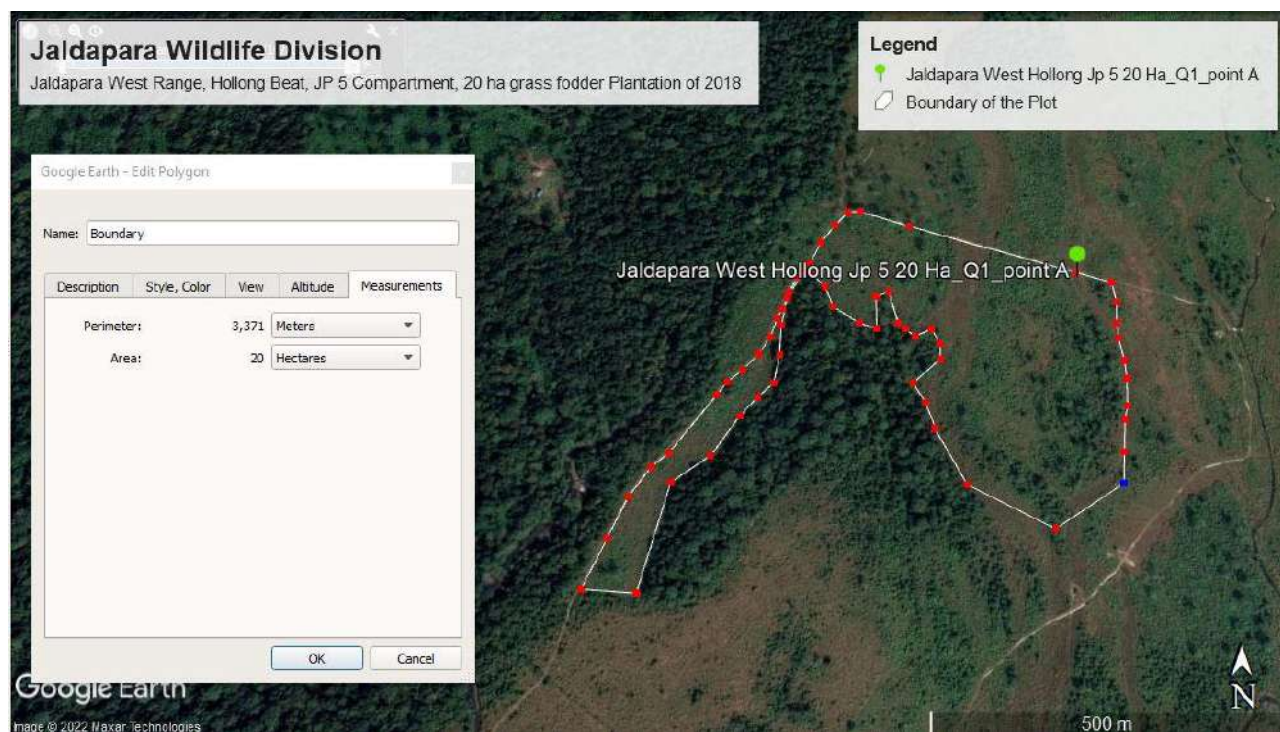


Figure 1: Sampling site of artificial regeneration at Jaldapara West Range, Hollong Beat, JP 5 Compartment under Jaldapara Wildlife Division.

22. Cooch Behar Division

Tabular statement of physical and financial achievement:

Item of Works	Division/ Range/ Beat/ Geo-locations	Physical (Unit)	Financial (Rs)	Secondary Data	Ground Truthing	Information based on interaction with stakeholders etc.	Remarks/ Scoring
Maintenance/renovation of group-D quarters	Coach Behar II Range	1	31,975.00	Bills and vouchers	-	-	3
1 st year maintenance of older plantation	Pundibari Range	1.564 ha	50,048.00	Plantation journal, Bills and vouchers	Visited, sampled and photographed	-	5

Plantation Works:

Nature of works	Range	Beat	Mouza/Block/ compartment	Latitude	Longitude	Area	Survival Percentage	Avg Height (m)	Avg Girth (cm)	Date of Monitoring
1 st year maintenance of older plantation	Pundibari Range	Pundibari Range HQ	Chhat Singhimari	26°29'34.90"N	89°21'36.90"E	1.564 ha	64.50	2.40	14.50	24.12.2021

23. Jalpaiguri Division

Tabular statement of physical and financial achievement:

Item of Works	Division/ Range/ Beat/ Geo-locations	Physical (Unit)	Financial (Rs)	Secondary Data	Ground Truthing	Information based on interaction with stakeholders etc.	Remarks/ Scoring
Compensatory Afforestation: Creation of miscellaneous plantation	Diana Range	8.062 ha	6,04,650.00	Bills and vouchers	Visited, sampled and photographed	-	5
3 rd year maintenance of older plantation	Diana Range	2 ha	34,000.00	Plantation journal, Bills and vouchers	Not visited due to Gaur ingress in the plantation area	-	3
Forest protection	Diana Range	Making of Electric fencing of 8.062 ha plantation, vehicle hiring for elephant driving	10,83,839.00	Bills and vouchers	-	-	3
Electric fencing	Diana Range	8.062 ha	2,33,915.00	Bills and vouchers	Visited and photographed	-	5
Maintenance/renovation of field stuff quarter	DFO driver quarter, Hakimpara Forest Complex, Lataguri Range	3	1,45,848.00	Bills and vouchers	Visited and photographed	-	5
Administrative expense	Divisional HQ	Bank Charges	295.00	Bills and vouchers	-	-	-

Plantation Works:

Nature of works	Range	Beat	Mouza/Block/ compartment	Latitude	Longitude	Area	Survival Percentage	Avg Height (m)	Avg Girth (cm)	Date of Monitoring
Creation of miscellaneous plantation	Diana	Carron	North Diana Block	26°53'33.82"N	89° 3'35.35"E	8.062 ha	98.15	2.27	9.80	27.12.2021
3 rd year maintenance of older plantation	Diana	Khairakata	Central Diana Block	26°48'21.4"N	89°54'33.1"E	2 ha	93.5	5.2	16.9	27.12.2021

24. Gorumara Wildlife Division

Tabular statement of physical and financial achievement:

Item of Works	Division/ Range/ Beat/ Geo-locations	Physical (Unit)	Financial (Rs)	Secondary Data	Ground Truthing	Information based on interaction with stakeholders etc.	Remarks/ Scoring
Compensatory Afforestation: Creation of plantation	Gorumara North, Gorumara South Ranges	40 ha	21,03,312.00	Bills and vouchers	Visited, sampled and photographed	-	5
Forest Protection	Mal Range, Gorumara North Range, Gorumara Wildlife HQ, Ramsai mobile Range, Khunia, Upper Neora Range, Wildlife Squad-III	Man Power, Medical bill for animal injured persons, Crackers - 170 packs, Battery, Spot Light - 2, Search light - 28, Torch cell battery, hiring of vehicle	14,95,803.00	Bills and vouchers	Visited and photographed	-	3
Maintenance of older plantation	Gorumara North Range	10 ha	53,460.00	Bills and vouchers	Visited, sampled and photographed	-	5
JFM Support activities: Solar light Purchase instead of construction of 25 toilets	Different ranges of Gorumara Wildlife Division	11	46,373.00	Bills and vouchers	-	As per voucher, the amount was used for purchasing solar lanterns	3
Wildlife and Biodiversity Management							
Mitigation of human- wildlife conflict	Gorumara South Range	Wages for Rhino monitoring, weed	42,744.00	Bills and vouchers	-	-	3

		removal					
Habitat improvement works: weed eradication, cut back and controlled burning	South and North Gorumara Ranges, Upper Neora Ranges	Weed removal, cleaning of plantation site, Hiring and sharpening tools for weed cleaning	4,00,000.00	Bills and vouchers	-	-	3
Organizing annual biodiversity camp	Lower Neora Range	Hiring and sharpening tools for weed cleaning, vehicle hiring, Supply of plastic tent, PVC box, LED Bulb, Bucket, mug, Supply of food	4,67,517.00	Bills and vouchers	-	-	3

Plantation Works:

Nature of works	Range	Beat	Mouza/Block/compartment	Latitude	Longitude	Area	Survival Percentage	Avg Height (m)	Avg Girth (cm)	Date of Monitoring
Compensatory Afforestation: Creation of plantation	Gorumara South	Budhram	Borohati-3	26°44'19.67"N	88°50'25.87"E	6 ha	80.95	1.8	6.6	27.12.2021
		Dhupjhora	Dhupjhora-1B	26°48'50.12"N	88°49'58.76"E	12 ha	79.60	1.0	2.8	
		Gorumara	Dhupjhora-1A	26°47'25.44"N	88°51'22.43"E	2 ha	70.07	1.5	5.4	
	Gorumara North	Chapramari	Chapramari-2	26°54'32.43"N	88°50'15.14"E	10 ha	77.67	0.8	2.3	
		Murti	Bhogolmardi-1	26°49'38.17"N	88°49'50.29"E	10 ha	73.80	1.18	3.6	
1 st Maintenance of older plantation	Gorumara North	Murti	Kakorjhora-2	26°50'25.77"N	88°51'38.23"E	10 ha	100	Grass fodder		27.12.2021

25. Baikunthapur Division

Tabular statement of physical and financial achievement:

Item of Works	Division/ Range/ Beat/ Geo-locations	Physical (Unit)	Financial (Rs)	Secondary Data	Ground Truthing	Information based on interaction with stakeholders etc.	Remarks/ Scoring
Maintenance/renovation of group-C quarters	Apalchand Range, Salugarah Range, Targhera Range, Ambari Range	6	1,68,000.00	Bills and vouchers	-	-	3
Maintenance/renovation group-D quarters	Salugarah Range	1	40,000.00	Bills and vouchers	-	-	3
Compensatory Afforestation: advance work	Targhera Range	30 ha	25,81,020.00	Bills and vouchers	Visited, sampled and photographed	As per NIT the physical unit should be 65 ha	5

Plantation Works:

Nature of works	Range	Beat	Mouza/Block/ compartment	Latitude	Longitude	Area	Survival Percentage	Avg Height (m)	Avg Girth (cm)	Date of Monitoring
Compensatory Afforestation: advance work	Targhera	Gajoldoba	Purba Tatgaon Mouza	26°51'37.02"N	88°30'17.8"E	30 ha	-	-	-	29.12.2021

26. Silviculture North Division

Tabular statement of physical and financial achievement:

Item of Works	Division/ Range/ Beat/ Geo-locations	Physical (Unit)	Financial (Rs)	Secondary Data	Ground Truthing	Information based on interaction with stakeholders etc.	Remarks/ Scoring
Creation of block plantation	Jalpaiguri Research range, Salugarah Lab Range, Buxa-Cooch Behar Research Range	16	25,08,396.00	Bills and vouchers	Visited, sampled and photographed	-	5
Administrative expense	Divisional HQ	Bank charges	481.00	Bills and vouchers	-	-	3

Plantation Works:

Nature of works	Range	Beat	Mouza/Block/compartment	Latitude	Longitude	Area	Survival Percentage	Avg Height (m)	Avg Girth (cm)	Date of Monitoring
Creation of block plantation	Jalpaiguri Research	Jalpaiguri	Sursuti-3	26°45'27.05"N	88°45'46.22"E	8 ha	45.77	2.25	6.85	28.12.2021 05.01.2022 06.01.2022
	Salugarah Lab	Salugarah	Dabgram-9	26°45'31.37"N	88°27'38.81"E	4 ha	94.15	2.6	10.3	
	Buxa-Cooch Behar Research	Buxa-Cooch Behar	Damanpur-6	26°34'6.79"N	89°31'49.30"E	4 ha	82.40	3.3	17.3	

27. Kurseong Division

Tabular statement of physical and financial achievement:

Item of Works	Division/ Range/ Beat/ Geo-locations	Physical (Unit)	Financial (Rs)	Secondary Data	Ground Truthing	Information based on interaction with stakeholders etc.	Remarks/ Scoring
Compensatory Afforestation: Creation of plantation	Sevok Range	17.14 ha	12,85,500.00	Plantation journal, Bills and vouchers	Visited, sampled and photographed	-	5
Compensatory Afforestation: advance work	Bagora range	25 ha	2,83,025.00	-	-	-	3
Construction of boundary wall	Bagdogra Range	144m + 4.7m gate x 2m high above tie beam	5,82,005.00	Bills and vouchers	-	-	3
Wildlife management	Panighata Range, Bamun pukhri Range, Tukrijhar Range, Bagdogra Range, Sevok Range	Hiring of Vehicle for elephant driving	5,40,000.00	Bills and vouchers	-	-	3

Plantation Works:

Nature of works	Range	Beat	Mouza/Block/ compartment	Latitude	Longitude	Area	Survival Percentage	Avg Height (m)	Avg Girth (cm)	Date of Monitoring
Compensatory Afforestation: Creation of plantation	Sevok	Kalijhora	Setikhola	26°55'44.09"N	88°25'24.08"E	5.04 ha	81.18	2.30	8.50	30.12.2021
		Berrick	Kandung	26°56'35.00"N	88°25'42.84"E	11.50 ha	82.77	2.15	8.15	
						0.56 ha	83.22	2.2	8.4	

28. Kurseong Soil Conservation Division

Tabular statement of physical and financial achievement:

Item of Works	Division/ Range/ Beat/ Geo-locations	Physical (Unit)	Financial (Rs)	Secondary Data	Ground Truthing	Information based on interaction with stakeholders etc.	Remarks/ Scoring
Creation of Bamboo and slip plantation	Upper Teesta Catchment Range	2.5 ha	62,573.00	Plantation journal, Bills and vouchers	Visited, sampled and photographed	The amount was 177.00 lesser than the amount mentioned in NIT	5
CAT Plant Work	Upper Teesta Catchment Range, East Balason Catchment Range	25 m ³ DRM Wall + 618 m ³ Bolder Sausage Wall + 170 mt Bamboo Pallisade	19,94,183.00	Bills and vouchers	Visited and photographed	-	5

Plantation Works:

Nature of works	Range	Beat	Mouza/Block/compartment	Latitude	Longitude	Area	Survival Percentage	Avg Height (m)	Avg Girth (cm)	Date of Monitoring
Creation of Bamboo and slip plantation	Upper Teesta Catchment Range	Kalijhora	Setikhola block, TLDP-4	26°55'44.28"N	88°25'41.69"E,	2 ha	83.67	1.60	8.00	30.12.2021
		Teesta	Mangwa-1 block, TLDP-3	27° 3'39.76"N	88°25'23.95"E	0.5 ha	70.75	Bamboo Plantation		

29. Darjeeling Division

Tabular statement of physical and financial achievement:

Item of Works	Division/ Range/ Beat/ Geo-locations	Physical (Unit)	Financial (Rs)	Secondary Data	Ground Truthing	Information based on interaction with stakeholders etc.	Remarks/ Scoring
Compensatory Afforestation: advance work	Rimbik Range, Tonglu Range	38 ha	9,10,264.00	Plantation Journal, Bills and vouchers	Field visit could not be done because of heavy snowfall	-	5
Maintenance of older plantation	Rimbik Range, Tonglu Range, Ghum Simana Range, Teesta Valley Range	104.61 ha	19,43,976.00	Plantation Journal, Bills and vouchers	Visited, sampled and photographed	-	5
Forest protection	Darjeeling Range, Rimbik Range, Tonglu Range, Ghum Simana Range, Teesta Valley Range, AFR, Takdah Range, Dhotrey Range, Badamtam Range	Hiring Vehicle, fuel charges, Daily wages, patrolling duties	3,00,000.00	Bills and vouchers	-	-	3

Plantation Works:

Nature of works	Range	Beat	Mouza/Block/compartment	Latitude	Longitude	Area	Survival Percentage	Avg Height (m)	Avg Girth (cm)	Date of Monitoring
Compensatory Afforestation: advance work	Rimbik	Ramam	Ramam-5	27°08' 53.76"	88°03'50.38"	30 ha	-	-	-	-
	Tonglu	Maneybhanjang	Comp. LR-8	26°59' 43.34"N	88°06'73.00"E	8 ha				
1 st year Maintenance of older plantation	Rimbik	North Rimbick	Sandakphu-1	27°07' 35.88"	88°02'59.57"	20 ha	-	-	-	-
		Ramam	Ramam-6	27°08' 04.71"	88°08'10.36"	20ha	-	-	-	
	Tonglu	Maneybhanjang	Comp. LR-9	27°00'18.97"	88°06'04.61"	1.2 ha	-	-	-	02.01.2022
	Teesta Valley	Geil	Geil-2	27° 0'45.25"N	88°25'29.68"E	15.19	85.94	2.73	10.2	
		Peshok	Mangwa-1	27°02'0.85"N	88°25'21.0"E	0.64 ha	-	-	-	
3 rd year Maintenance of older plantation	Ghum Simana	Sukia Pokhri	Pulungdung-2,	27°0'0.34"N	88° 9'14.65"E	0.04 ha	-	-	-	
		Pugriabong	Pugriabong-4	26°57'43.36"N	88° 9'52.24"E	19 ha	80.10	2.27	9.75	
			Pugriabong-5	26°57'49.91"N	88°10'22.34"E	1.84 ha	82.09	2.9	10	
5 th yr maintenance	Rimbik	Ramam	Ramam-3	27° 9' 21.93"	88°5' 15.21"	20 ha	-	-	-	-
	Teesta Valley	Peshok	Mangwa-1	27° 3'26.39"N	88°25'3.18"E	3.29 ha	-	-	-	
		Peshok	Mangwa-1	27° 3'40.80"N	88°11'47.69"E	3.41 ha	-	-	-	
NB: Plantation Sites at Tonglu and Rimbick Range could not visit due to heavy snowfall.										

30. Darjeeling Wildlife Division

Tabular statement of physical and financial achievement:

Item of Works	Division/ Range/ Beat/ Geo-locations	Physical (Unit)	Financial (Rs)	Secondary Data	Ground Truthing	Information based on interaction with stakeholders etc.	Remarks/ Scoring
Fuel for hiring vehicle	Senchal East Range, Senchal Mahananda West Range, Mahananda South Range, Mahananda North Range, Sukna Range, Mahananda West Range,	Car hiring charges	4,96,424.00	Bills and vouchers	-	-	3
Administrative expense	Divisional HQ	Bank charges	295.00	Bills and vouchers	-	-	-

31. Silviculture Hill Division

Tabular statement of physical and financial achievement:

Item of Works	Division/ Range/ Beat/ Geo-locations	Physical (Unit)	Financial (Rs)	Secondary Data	Ground Truthing	Information based on interaction with stakeholders etc.	Remarks/ Scoring
Creation of block plantation	KUHR, HRR – II (Sonada), KRR	9 ha	11,86,228.00	Plantation journal, Bills and vouchers	Visited, sampled and photographed	-	5
Soil conservation work at Loyd Botanic Garden	Loyd Botanic Garden	Rain damage restoration work along the road at LBG, land development,	31,51,596.00	Bills and vouchers	Visited	-	5

		fencing and protection work at Lebong, development of terrace – 3 at Lebong					
Maintenance of group-C quarter	Lebong	1	98,961.00	Bills and vouchers	Visited	-	5
Administrative expense	Divisional HQ	Bank charges	57.82	Bills and vouchers	-	-	3

Plantation Works:

Nature of works	Range	Beat	Mouza/Block/compartment	Latitude	Longitude	Area	Survival Percentage	Avg Height (m)	Avg Girth (cm)	Date of Monitoring
Creation of block plantation	Kalimpong Upper Hill Research Range	Kalimpong	Lava Block (comp.-1)	27° 5'24.21"N	88°39'11.88"E	2.10 ha	93.19	1.15	3.2	03.01.2022
			Kolbong Block (comp.-1b)	27° 5'55.19"N	88°39'9.07"E	1.30 ha	93.19	1.25	4.2	
	Hill Research Range – II (Sonada)	Hill Research	Senchal Catchment Area	26°57'48.43"N	88°17'17.74"E	3 ha	84.13	1.1	4.6	01.01.2022
	Kurseong Research Range	Kurseong	Sukna	28°33'39.30"N	77°12'4.91"E	3.04 6 ha	87.07	2.4	6.9	03.01.2022

32. Kalimpong Division

Tabular statement of physical and financial achievement:

Item of Works	Division/ Range/ Beat/ Geo-locations	Physical (Unit)	Financial (Rs)	Secondary Data	Ground Truthing	Information based on interaction with stakeholders etc.	Remarks/ Scoring
Compensatory Afforestation: advance work	Kalimpong Range, Pankhasari Range, Neora Range, Chel Range, Jaldhaka Range	57.15 ha	13,96,206.00	Bills and vouchers	Not visited	-	3
Compensatory Afforestation: creation work	Chel Range, Kalimpong Range	11.5 ha	8,62,500.00	Plantation journal, Bills and vouchers	Visited, sampled and photographed	-	5
1 st year maintenance of older plantation	Kalimpong Range, Pankhasari Range, Neora Range, Jaldhaka Range	10.939 ha	3,85,000.00	Only cash book	Visited, sampled and photographed	-	5
Wedges of labours for protection of plantation, forest and wildlife	Divisional HQ	Wages of Labour for forest protection	5,00,000.00	Bills and vouchers	-	-	3
Vehicle charges for 2 days for Dy. CEO, CAMPA	Kalimpong Range	Hiring of Vehicle for to and fro to the rest house and Airport	10,500.00	Bills and vouchers	-	-	3
Workshop on e-Green Watch Portal	Divisional HQ	Hiring of Vehicle and food supply	18,000.00	Bills and vouchers	-	-	3

Plantation Works:

Nature of works	Range	Beat	Mouza/Block/compartment	Latitude	Longitude	Area	Survival Percent age	Avg Height (m)	Avg Girth (cm)	Date of Monitoring
Compensatory Afforestation: advance work	Kalimpong	Rinkingpong	Rinkingpong-4	26°56'3"N	88°27'0"E	2 ha	-	-	-	-
	Pankhasari	Algarah	Mairung-2	27° 5'14.22"N	88°30'55.14"E	45.65 ha				
	Neora	Gurubathan	MAL-11	26°57'12.3"N	88°42'6.4"E					
	Chel	Yamgamkum	Khasmal	26°53'22.67"N	88°34'8.92"E	9.5 ha				
Compensatory Afforestation: creation work	Chel	Yamgamkum	Khasmal	26°56'32.91"N	88°29'24.97"E	6 ha	82.99	3.6	13.4	04.01.2022
			Khasmal	26°56'3.57"N	88°29'7.98"E	3.5 ha	84.58	3.25	11.2	
	Kalimpong	Rinkingpong	Rinkingpong-4	27°0'6.08"N	88°27'4.78"E	2 ha	85.03	2.4	10	
1 st year maintenance of older plantation	Kalimpong	Tarkhola	Mangchu-2	27° 9'8.66"N	88°32'7.58"E	1.387 ha	72.10	3.5	13.4	04.01.2022
			Bhalukhop-6	27° 6'37.11"N	88°28'27.34"E	1.712 ha	84.12	3.1	12.5	
	Pankhasari	Algarah	Mairung-2	27° 6'27.00"N	88°35'45.44"E	3.84 ha	87.52	2.35	9.1	
	Neora	Gurubathan	Sailee resume land	26°54'23.60"N	88°40'45.75"E	2.6 ha	94.05	0.77	3.4	
	Jaldhaka	Khumani	Khumani-2	27° 0'11.16"N	88°51'33.44"E	2 ha	88.20	2	9	

33. Malda Division

Tabular statement of physical and financial achievement:

Item of Works	Division/ Range/ Beat/ Geo-locations	Physical (Unit)	Financial (Rs)	Secondary Data	Ground Truthing	Information based on interaction with stakeholders etc.	Remarks/ Scoring
Compensatory Afforestation: advance work	Gajol	2 ha	2,00,000.00	Plantation journal, Bills and vouchers	Visited and photographed	-	5

Plantation Works:

Nature of works	Range	Beat	Mouza/Block/ compartment	Latitude	Longitude	Area	Survival Percentage	Avg Height (m)	Avg Girth (cm)	Date of Monitoring
Compensatory Afforestation: advance work	Gajol	Singabad	Balisimla	25° 0'47"N	88°24'51"E	2 ha	-	-	-	5.01.2022

Discussion:

- 16 forest divisions (7 in South-West Bengal and 9 in North Bengal) were provided financial assistance by WBCAMPA in the financial year 2019-2020 only for creation of afforestation works in respective forest ranges (Table – I).
- 15 forest divisions (8 in South-West Bengal and 7 in North Bengal) were financially assisted by WBCAMPA in the financial year 2019-2020 only for maintenance of older plantations in respective forest ranges.
- Overall, 9 forest divisions (4 in South-West Bengal and 5 in North Bengal) were provided financial assistance by WBCAMPA in the financial year 2019-2020 only for advance work of afforestation which included clearing of weeds, pit digging, seedling preparation etc. in respective forest ranges.

Table – I. Average weighted survival percentage of the creation work in financial year 2019-2020 under financial assistance of WBCAMPA

Sl. No.	Forest Division	Average weighted survival %	Category*
1	Rupnarayan	98.47	A
2	Jalpaiguri	98.04	A
4	Durgapur	93.38	A
7	Kangsavati South	93.18	A
3	Silviculture South	93.15	A
5	Birbhum	89.68	A
8	BTR East	89.23	A
6	Silviculture Hill	88.94	A
9	Jaldapara WL	86.63	A
10	Purulia	85.15	A
14	Kangsavati North	84.95	A
11	Kalimpong	83.83	A
12	Kurseong Soil Con.	83.81	A
13	Kurseong	82.32	A
15	Gorumara WL	78.59	A
16	Silviculture North	67.02	B

- Rupnarayan Forest Division exhibited maximum survival of 98.47% with average height of 3.8 meter and average girth of 7.2 cm followed by Jalpaiguri division.
- For creation of plantation 15 Forest Divisions come under the category A (with survival rate of 75% and above) and only Silviculture North Division comes under category B.

Table – II. Average weighted survival percentage of the 1st maintenance work in the financial year 2019-2020 under financial assistance of WBCAMPA

Sl. No.	Forest Division	Average weighted survival %	Category*
1	Jaldapara WL	100	A
2	Gorumara WL	100	A
3	Durgapur	95.84	A
4	Purulia	98.06	A
5	Jhargram	91.68	A
6	BTR East	88.41	A
7	Kalimpong	86.35	A
8	Darjeeling	82.69	A
9	Bankura North	48.37	C
10	Kangsavati North	96.59	A
11	Cooch Behar	64.5	B
12	Birbhum	28.34	D

- Among the 12 forest Divisions having maintenance of plantation works; Jaldapara Wildlife and Gorumara Wildlife forest Divisions exhibited excellent survival rate of 100% followed by Purulia, Kansabati North and Durgapur forest divisions with 98.06%, 96.59% and 95.84% survival rate respectively.

Table – III. Average weighted survival percentage of the 2nd maintenance work in the financial year 2019-2020 under financial assistance of WBCAMPA

Sl. No.	Forest Division	Average weighted survival %	Category*
1	Kharagpur	100	A
2	BTR West	100	A
3	Rupnarayan	97.35	A
4	Medinipur	96.6	A
5	Kansabati North	93.47	A

- Among the 5 forest Divisions having maintenance of plantation works; Kharagpur and BTR West forest Divisions exhibited excellent survival rate of 100% followed by Rupnarayan, Medinipur and Kansabati North forest divisions with 97.35%, 96.6% and 93.47% survival rate respectively.

Table – IV. Average weighted survival percentage of the 3rd maintenance work in the financial year 2019-2020 under financial assistance of WBCAMPA

Sl. No.	Forest Division	Average weighted survival %	Category*
1	Jhargram	98.43	A
2	Bankura North	96.26	A
3	Purulia	83.11	A
4	Kansabati North	38.09	D

- Among the 4 forest Divisions having maintenance of plantation works; Jhargram, Bankura north and Purulia forest Divisions exhibited excellent survival rate of 98.43%, 96.26% and 83.11% respectively.

Table – V. Advance work for afforestation in the financial year 2019-2020 under financial assistance of WBCAPA

Sl. No.	Forest Division	Area (ha)
1	Kurseong	25
2	Darjeeling	38
3	Malda	2
4	Baikunthapur	30
5	Kalimpong	57.15
6	Bankura South	13.54
7	Kharagpur	22
8	Medinipur	7.60
9	Birbhum	0.562

- In South-West Bengal, most of the afforestation works (creation and maintenance) included miscellaneous plantation along with plantation of miscellaneous indigenous plant species. The miscellaneous plantations were done with a ratio of 70:30 or 60:40 of *Acacia auriculiformis* (Akashmoni/Sonajhuri) and other miscellaneous indigenous plant species like *Azadirachta indica* (Neem), *Alstonia scholaris* (Chhatim), *Terminalia bellirica* (Bahera), *Terminalia arjuna* (Arjun), *Sclleichera oleosa* (Kusum), *Gmelia arborea* (Gamar), *Dalbargia sissoo* (Sishu), *Syzigium jambolanum* (Jam), *Albizia lebbeck* (Sirish), *Phyllanthus emblica* (Amloki), *Pongamia pinnata* (Koronj), *Bombax ceiba* (Shimul), *Madhuca Latitideifolia* (Mohul) etc. Some plantations were pure stand of *Shorea robusta* (Sal) and a few plantations were Sal and its associates like Bahera, Mahua, Haritaki (*Terminalia chebula*), Kurchi (*Holarrhena antidysenterica*) etc.
- In Silviculture South Division seed stand of *Pterocarpus marsupium* (Piasal), *Adina cordifolia* (Holdu/Korom), *Terminalia tomentosa* (Ashan), *Terminalia arjuna* (Arjun) and *Acacia auriculiformis* (Akashmoni/Sonajhuri) were created in the financial year 2019-2020.

- In North Bengal, most of the afforestation works (creation and maintenance) were concentrated to plantation of miscellaneous plant species and grass fodders. In miscellaneous plantations, species like *Acacia catechu* (khayer), *Lagerstroemia speciosa* (Jarul), *Dillenia indica* (Chalta), *Phyllanthus emblica* (Amloki), *Bischofia javanica* (Kainjal), *Mallotus philipensis* (Sindure), *Terminalia microcarpa* (Panisaj), *Amoora wallichii* (Lali), *Oroxylum indicum* (Totola), *Terminalia chebula* (Hartoki/Harra), *Holarrhena pubescens* (Khirra/Kurchi), *Duabanga grandiflora* (Lampate), *Santalum album* (Swet Chandan), *Schima wallichii* (Chilauney) etc. were found. The grass fodder plantations of Dhabda, Chepti, Purundi etc. were mostly concentrated in the Gorumara Wildlife Division and Jaldapara Wildlife Division for serving the purpose of habitat management of large herbivores like Rhino, Elephant, Gaur etc.

A. Non-plantation (construction) works:

Sl. No.	Forest Division	Non-plantation Work/asset creation	Physical Unit
1	Silviculture South	Establishment of modern nursery	1
2	Medinipur	Construction of toilets in JFMCs	64
		Construction of earthen dam	5
		Digging ponds	2
		Submersible pump	4
		High Mast Light	3
		Maintenance/renovation of Group-C quarter	8
		Maintenance/renovation of Group-D quarter	46
3	Kharagpur	Construction of toilets in JFMCs	2
	Kansabati South	Construction of toilets in JFMCs	2
5	Kansabati North	Purchase of search light	18
6	Purulia	Construction of watch tower	2
		Purchase of high-power LED lights	65
		EEDWS device	4
		Search light	25
7	Panchet	Construction of toilets in JFMCs	30
8	Durgapur	Maintenance/renovation of Group-C quarter	1
		Purchase of solar lights	8
9	Birbhum	Maintenance/renovation of Group-C quarter	1
10	Burdwan	Purchase of patrolling speed boat	2
11	BTR West	Maintenance/renovation of Group-C quarter	2
		Maintenance/renovation of Group-D quarter	14
12	Jaldapara WL	Maintenance/renovation of Group-C quarter	1
		Maintenance/renovation of Group-D quarter	20

13	Cooch Behar	Maintenance/renovation of Group-D quarter	1
14	Jalpaiguri	Maintenance/renovation of field staff quarter	3
15	Gorumara WL	Solar light	11
		Spot light	2
		Search light	28
16	Baikunthapur	Maintenance/renovation of Group-C quarter	6
		Maintenance/renovation of Group-D quarter	1
17	Kurseong	Construction of boundary wall	1 (144m+4.7m gateX2m high above tie beam)
18	Kurseong Soil Con.	DRM wall	1 (25 m ³)
		Bolder sausage wall	1 (618 m ³)
		Bamboo palisade	1 (170 m)
19	Silviculture Hill	Maintenance/renovation of Group-C quarter	1
20	WL head quarter	Purchase of tactical flash light	30
		Water proof light	10
		Search light	10
		Flash light	8
		Binocular	1
		Tranquilizing gun	1
		Office equipment	18
		Tranquilizing equipment	297

- A total of 20 group-C quarters were renovated in 7 forest divisions under the financial assistance of WBCAMPA in the financial year 2019-2020.
- A total of 82 group-D quarters were renovated in 5 forest divisions under the financial assistance of WBCAMPA in the financial year 2019-2020.
- 3 field staff quarters were renovated in Jalpaiguri forest division under the financial assistance of WBCAMPA in the financial year 2019-2020.
- A total of 97 toilets were constructed in JFMCs of 4 forest divisions under the financial assistance of WBCAMPA in the financial year 2019-2020.

Observation

- The plantation and non-plantation activities of concerned forest divisions under the financial assistance of WBCAMPA in the financial year 2019-2020 were satisfactory except in few cases.
- The growth and survival of miscellaneous plantations (in South-West Bengal) and grass fodder plantations (North Bengal) was observed to be the best among all.
- The seed stand of five indigenous species (Akashmoni, Ashon, Holdu, Arjun, Piasal) in 25 ha under Silviculture South Division were very well maintained.
- Weed cleaning of plantation was observed to be quite challenging (as discussed with concerned authorized forest official) in some cases.

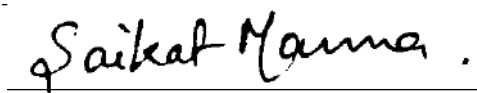
- Damage of plantations and fencing were observed in frequent interval in some forest divisions like Jhargram, Medinipur, Bankura, Gorumara WL, Jaldapara WL, Buxa East etc.
- The Jhargram Training Centre is now shifted to Hijli, Kharagpur.



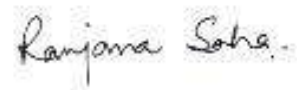
J.R.B Alfred, Principal Investigator



Biswajit Roy Chowdhury, Principal Investigator



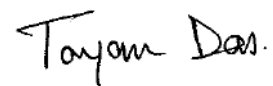
Saikat Manna, Field Botanist



Ranjana Saha, Field Biologist



Ayan Roy Chowdhury, Field Assistant



Tayan Das, Field Assistant

ANNEXURE 1

DIVISION WISE LIST

Division wise Quarterly Progress Report for the year 2019-20

SI No.	Circle/ Division	Nature of Work	TOTAL CUMULATIVE 2019-20	
			Physical	Financial
1	2	3	12	13
1	DFO/Kurseong Division	<u>Compensatory Afforestation work (Creation work)</u> of 5.040 ha of proposal for Suppl. Propls, TLDP-IV-NHPC Ltd.	5.04 ha	3,78,000.00
		<u>Compensatory Afforestation work (Creation work)</u> of 11.50 ha of proposal for improvement of NH_31A(4.300 to 14.075 km).	11.50 ha	8,62,500.00
		<u>Compensatory Afforestation work (Creation work)</u> of 0.600 ha of proposal for Kalijhora-Lohapool(4.00 to 14.23 km).	0.60 ha	45,000.00
		<u>Compensatory Afforestation work (Advance work)</u> of 25 ha of Diversion of 86.6255 ha (18.604 ha in Darjeeling Forest Division +12.3436 ha in Kurseong Forest Division + 8.8489 ha. In Darjeeling Wildlife Division + 46.829 ha. In Kalimpong Forest Devision) of forest land in favour of North Frontier Railway, Jalpaiguri for construction of Sivok-Rangpo New Broad Gauge Railway Line.	25 ha	2,83,025.00
		NPV:-Construction of Boundary Wall in Bagdogra Range under Kurseong Division. (not included in APO 2019-20)	144 mts + 4.7 mts gate x 2 mts high above tie beam	5,82,005.00
		<u>NPV:-Wildlife Management (Elephant Management) towards Hiring vehicle of different ranges(not included in APO 2019-20)</u>	36 nos	5,40,000.00
		Total =		2690530.00
		Forest Protection - Engagement of local people and labourers to assist the staff in forest Divisions for protection of forest and wildlife including supply of search lights and hiring of vehicles		9,99,980.00
		1st year Maintenance of older plantations under CAMPA over 4 ha (Diversion of 2.00 ha./ 4.95 Acres of Forest Land in favour of S. N. Bose national Centre for Basic Sciences for setting of Astronomical Observatory at Panchet Hill top.)		

SI No.	Circle/ Division	Nature of Work	TOTAL CUMULATIVE 2019-20	
			Physical	Financial
2	DFO/Kangsabati (North) Division	2nd year Maintenance of older plantations under CAMPA over 2.872 or 3 ha (Diversion of 2.396 ha of forest land for (1.436 ha in Kangsabati north + 0.960 ha in Purulia Div.) for Construction of Raghunathpur TPS-Ranchi Transmission line by Power Grid.)	9 Ha	2,37,000.00
		3rd year Maintenance of older plantations under CAMPA over 1.71 or 2 ha (Diversion of 0.854 ha of forest land for construction of Raghunathpur TPS-Ranchi Transmission line by DVC)		
		Recovery of encroachment area through plantation over 30.50 ha. (not included in APO 2019-20).	30.50 Ha	28,95,243.00
		Administrative expenses		535.50
		Total =		4132758.50
3	DFO/Darjeeling Forest Division	Compensatory Afforestation (Advance work) of 38 ha agst Diversion of 86.6255 ha (18.604 ha in Darjeeling Forest Division +12.3436 ha in Kurseong Forest Division + 8.8489 ha. In Darjeeling Wildlife Division + 46.829 ha. In Kalimpong Forest Devision) of forest land in favour of North Frontier Railway, Jalpaiguri for construction of Sivok-Rangpo New Broad Gauge Railway Line.		9,10,264.00
		Maintenance of old plantations under CAMPA over 104.6169 ha. (Being Expenses Booked for 57.0312 Ha 1st Year Maintenance, 20.88 Ha 2nd Year Maintenance, 20.00 Ha 3rd Year Maintenance, 6.7057 Ha 6th Year	57.0312 Ha	14,12,576.00
			20.88 Ha	3,52,677.00
			20.00 Ha	1,51,900.00
			6.7057 Ha	26,823.00
		Forest Protection- Wages of laborers, hiring vehicles for the purpose of protection of plantation, forest & wildlife (not included in APO 2019-20)		3,00,000.00
		Total =		3154240.00
4	DFO/24 Parganas South Forest Division	Administrative expenses		18.50
		Total =		18.50
5	DFO/Panchet Forest Division	Construction of Toilets in JFMCs	30 nos	1,55,862.00
		Total =		155862.00

SI No.	Circle/ Division	Nature of Work	TOTAL CUMULATIVE 2019-20	
			Physical	Financial
6	DFO/Knagsabati South Forest Division	Construction/Renovation of Group C-Quarter		-2,000.00
		Construction of Toilets in JFMCs		-14,261.00
		Forest Protection Engagement of local people and labourers to assist the staff in forest Divisions for protection of forest and wildlife including supply of search lights and hiring of vehicles.		29,99,290.00
		Recovery of encroachment area through plantation over 23.17 ha. (not included in APO 2019-20)	23.17 Ha	21,99,435.00
		Administrative expenses		10,868.63
		Total =		5193332.63
7	DFO/Jalpaiguri Division	Compensatory Afforestation (Creation work) of Misc. plantation with energize fencing over 8.062 ha (Diversion of 4.031 ha of Forest land for the construction of Twin 2-lane ROB and its approaches in replacement of label crossing at KM 652.60 on NH31(Railway KM 20/7-8) between Neora & Lataguri at Lataguri in West Bengal under Jalpaiguri Forest Division at Daina Range.	8.062 Ha	6,04,650.00
		3rd year Maintenance of older plantations under CAMPA over 2 ha. (Diversion of 1.00 ha of forest land for construction of Border Outpost at Sipchu by 10th Bn., SSB.	2 Ha	34,000.00
		Hiring charges of vehicle for staff and veterinary doctors and the villagers during elephant depredation. (not included in APO 2019-20).		10,83,839.00
		Making electric fencing over 8.062 ha. of CA plantation of 2019 at North Diana Block (not included in APO 2019-20)	8.062 Ha	2,33,915.32
		Maintenance / Renovation of Field Staff quarters		1,45,848.00
		Administrative expenses		295.00
		Total =		2102547.32
8	DFO/Bankura South Division	Compensatory Afforestation (Advance work) of 13.54 ha agst diversion of (9.32 ha in Burdwan Div. + 4.22 ha in Durgapur Div.) of forest land for laying of Pipeline and construction of access road to CBM well site for Production of Coal Bed Methane at Ranigunj CBM Block, Dist. Burdwan by Essar Oil Ltd.	13.54 ha	1,73,000.00

SI No.	Circle/ Division	Nature of Work	TOTAL CUMULATIVE 2019-20	
			Physical	Financial
		Forest Protection and Elephant Management (not included in APO 2019-20)		10,00,000.00
		Total =		1173000.00
9	DFO/Bankura North Division	<u>1st Year Maintenance</u> of older plantations under CAMPA over 0.1902 ha. (Diversion of 0.47 acres of forest land in favour of M/S West Bengal Khadi and Village Industries Board, for Skill Up-Gradation Training Center at Susunia under Bankura North Forest division).	11.97202 ha	1,51,886.00
		<u>3rd Year Maintenance</u> of older plantations under CAMPA over 4 ha. (Diversion of 2.00 ha of forest land for Construction of Transmission Tower and Drawl of Transmission Line by DVC).		
		<u>4th Year Maintenance</u> of older plantations under CAMPA over 7.78 ha. (Diversion of 3.89 ha of forest land for Construction of Maithon-Mejia Transmission Line by Power Grid.)		
		Forest Protection and Elephant Management (not included in APO 2019-20)		15,00,000.00
		Total =		1651886.00
10	DFO/Purulia Division	Forest Protection- Engagement of local people and labourers to assist the staff in forest Divisions for protection of forest and wildlife including supply of search lights and hiring of vehicles.		60,04,378.00
		<u>1st year Maintenance of older plantations</u> under CAMPA over 25.97 ha. (Diversion of 12.2880 ha. of Forest land for laying of 400 KV D/C Purulia-Ranchi Transmission Line of PKTCL under purulia Division).	25.97 Ha 1 st Year & 2 ha 3rd Year Maintenance	8,65,040.00
		<u>3rd year Maintenance of older plantations</u> under CAMPA over 2 ha. (Diversion of 2.396 ha of forest land for (1.436 ha in Kangsabati north + 0.960 ha in Purulia Div.) for construction of Raghunathpur TPS-Ranchi Transmission line by Power Grid.).		
		Recovery of encroachment area through plantation over 10 ha. (not included in APO 2019-20)	10 ha.	9,46,376.00
		Generating KML maps of diverted land for uploading in e-Green Watch Portal (not included in APO 2019-20)	2 Unit	1,90,000.00

SI No.	Circle/ Division	Nature of Work	TOTAL CUMULATIVE 2019-20	
			Physical	Financial
		Administrative expenses(Bank Charges)		292.00
				-
		Total =		8006086.00
11	DFO/Rupnarayan Division	Forest Protection - Engagement of local people and labourers to assist the staff in forest Divisions for protection of forest and wildlife including supply of search lights and hiring of vehicles.		44,99,134.00
		2nd year Maintenance of older plantations under CAMPA over 1 ha. (Diversion of 0.405 ha. of forest land in favour of WBSEDCL for construction of 33/11 KV Sub-Station at Mouza-Baromesia under Rupnarayan Forest Division, near Hoomgarh).	1 ha	25,000.00
		Raising Sal & QGS plantations to an extent of 10 ha. & 21 ha. respectively on encroachment recovery land. (not included in APO 2019-20)	Sal 10 ha & QGS 21 ha	19,39,244.00
		Total =		64,63,378.00
12	DFO/Raiganj Division			
		Administrative expenses		88.50
		Total =		88.50
13	DFO/Kharagpur Division	Compensatory Afforestation (Advance work) of 22 ha agst Diversion of 10.59 ha of forest land in favour of PKTCL for laying of 400 KV DC transmission line from Kharagpur to Chaibasa under Kharagpur Division.	22 Ha	14,52,000.00
		Forest Protection - Engagement of local people and labourers to assist the staff in forest Divisions for protection of forest and wildlife including supply of search lights and hiring of vehicles.		64,94,823.00
		2nd year Maintenance of older plantations under CAMPA over 25 ha. (Diversion of 54.6059 ha (11.772 ha under Kharagpur Forest Division + 42.8339 ha under Jhargram Forest Division) of Forest Land in favour of National highway Authority of India (NHAI) for upgradation & widening of NH-6, Kharagpur-Chichira section.)	27 Ha	6,59,000.00
		3rd year Maintenance of older plantations under CAMPA over 2 ha. (Diversion of 1.00 ha of forest land for construction of Forestry Training Institute at Hijli by FTC, Jhargram).		
		JFM Support Activities		
		Construction of Toilets in JFMCs - 60 nos		95,366.00

SI No.	Circle/ Division	Nature of Work	TOTAL CUMULATIVE 2019-20	
			Physical	Financial
		Administrative expenses		1,229.50
		Total =		8702418.50
14	DFO/Jaldapara Wildlife Division	<u>Artificial Regeneration.</u> Creation of Plantation under jaldapara Wildlife Division(45 ha).	45 Ha	31,43,377.00
		Wages of laborers, hiring vehicles for the purpose of protection of plantation, forest & wildlife (not included in APO 2019-20)		3,94,320.00
		1st year maintenance of 2018 plantation over 25 ha. Rs. 10,000/ha (not included in APO 2019-20)	25 Ha	2,50,000.00
		<u>Maintenance / Renovation of Field Staff quarters</u>		
		Construction of Group-C Quarter-1 Nos	1 Nos	6,83,503.00
		Group-D Quarters- 20 nos	20 Nos	8,17,675.00
		Administrative expenses		
		Total =		5288875.00
15	DFO/Durgapur Division	Construction/ Renovation of Group C quarter 1 nos(2017-18 pending work)	1 Nos	1,60,989.00
		<u>Compensatory Afforestation work (Creation)</u> 0.1333 ha agst Diversion of 0.1333 ha of forest land for Overhead Water Tank of Durgapur Municipal Corporation.		8,011.00
		<u>Wildlife & Bio-diversity management -</u>		
		Solar light	8 Nos	2,00,000.00
		<u>Artificial Regeneration</u> Creation of plantation under Durgapur division over 60 ha.	50 Ha	25,59,704.00
		<u>1st year Maintenance of older plantations</u> under CAMPA over 0.1330 ha. (Diversion of 0.1333 ha of forest land for Overhead Water Tank of Durgapur Municipal Corporation.)	65.633 Ha	16,26,757.00
		<u>1st year Maintenance of older plantations</u> under CAMPA over 65.50 ha. (Diversion of 32.6500 ha. of forest land in favour of the Eastern Coalfields Ltd., Bahula, Burdwan for Sonapur Bazari Coal Mining Project under Durgapur Forest Division.)		
		Administrative expenses		1,068.82
		Total =		4556529.82

SI No.	Circle/ Division	Nature of Work	TOTAL CUMULATIVE 2019-20	
			Physical	Financial
16	DFO/Malda Division	Compensatory Afforestation (Advance Work) of 2 ha against Diversion of Indo-Bangladesh Border Road at Pathar Mahadevbati by CPWD, Malda.	2 ha	2,00,000.00
		Total =		200000.00
17	DFO/Gorumara Wildlife Division	Compensatory Afforestation work (Creation works) for tree fodder plantation in North Range (20 ha) & South Range (20 ha) agst Diversion of 134.1470 ha of forest land for Power Evacuation system of TLDP-III & IV by NHPC under Kalimpong & Baikunthapur (CA to be taken up by Wildlife-II Division. (Not included in APO 2019-20 but it was allotted in APO 2018-19).	40 Ha	21,03,312.00
		Forest protection Additional fund for forest protection/elephant depredation & some essential work (not included in APO 2019-20).		14,95,303.00
		Maintenance of older plantation over 100 ha	10	53,460.00
		JFM Support Activities		
		Construction of Toilets in JFMCs-25 nos		46,373.00
		Wildlife & Bio-diversity management		
		Purchase of searchlights, crackers and battery		500.00
		Mitigation of human wildlife conflict by verious measures including cost of driving out elephants from human habitations, Tea garden etc.		42,744.00
		Habitat improvement works including weed eradication, cut back and controlled burning etc.		4,00,000.00
		Organising Annual Biodiversity camp for assessing Biodiversity of NVNP including publication of report		4,67,517.00
		Total =		4609209.00
18	DFO/Nadia-Murshidabad Division	Administrative expenses		590.00
		Total =		590.00
		Maintenance / Rennovation of Group-D-Quarter(used from available interest fund)	1 Nos	31,975.00

SI No.	Circle/ Division	Nature of Work	TOTAL CUMULATIVE 2019-20	
			Physical	Financial
19	DFO/CoochBehar Division	1st year Maintenance of older plantations under CAMPA over 1.564 ha. (Diversion of 1.564 ha of forest land for laying of Bongaigaon- Siliguri Transmission Line of East-North Interconnection Co.)	1.564 Ha	50,048.00
		Total =		82,023.00
20	DFO/Baikunthapur Forest Division	<u>Maintenance / Renovation of Field Staff quarters</u>		
		Group-C Quarters		1,68,000.00
		Group-D Quarters		40,000.00
		<u>Compensatory Afforestation (Advance work)</u> of 106.795 ha against Proposal for diversion of 101.77 ha. of forest land for the establishment of Gangaramchak- Bhadulia Block Open Cast Coal Mines in favour of West Bengal Power Development Corporation Ltd. (WBPDC) under Birbhum Forest Division.	65 Ha	25,81,020.00
		Administrative expenses		47.20
		Total =		27,89,067.20
21	DFD/Buxa Tiger Reserve East Division	<u>Compensatory Afforestation work (Creation work)</u> over 21 ha of Diversion of 16.39 ha of Forest Land in favour of Power Grid Corporation of India Ltd. for Construction of 400 KV Punatsangchu-1 to Alipurduar Transmission Line thru Buxa Tiger Reserve.)	21 Ha	18,93,598.00
		<u>Maintenance of plantation (1st year)-12 ha</u> Diversion of 16.39 ha of Forest Land in favour of Power Grid Corporation of India Ltd. for Construction of 400 KV Punatsangchu-1 to Alipurduar Transmission Line thru Buxa Tiger Reserve.)	12 ha	3,64,480.00
		Administrative expenses		442.50
		Total =		22,58,520.50
		<u>2nd year Maintenance of Compensatory Afforestation plantation over 4.030 ha.</u> (Diversion of 4.030 ha of forest land for Godapeasal Industrial Park of WBIDC Ltd.)		1,00,750.00

SI No.	Circle/ Division	Nature of Work	TOTAL CUMULATIVE 2019-20	
			Physical	Financial
22	DFO/Medinipur Division	<u>Compensatory Afforestation (Advance Work) of 7.60 ha</u> agst diversion of 3.7728 ha. of forest land in favour of WBSEDCL for construction of new 33 KV overhead electricity Transmission line for Pirakata (33/11 KV) substation under Medinipur Division.		6,59,638.80
		<u>Forest Protection</u>		
		Engagement of local people and labourers to assist the staff in forest Divisions for protection of forest and wildlife including supply of search lights and hiring of vehicles.		85,00,000.00
		<u>JFM Support Activities</u>		
		Construction of Toilets in JFMCs (in no)		1,00,177.00
		Implementation of Micro plan activities in JFMCs (in no)		4,94,153.00
		<u>Maintenance / Rennovation of Field Staff quarters</u>		
		Group-C Quarters		2,25,428.00
		Group-D Quarters		3,40,567.84
		Administrative expenses		346.22
		Total =		1,04,21,060.86
23	DFO/Burdwan Forest Division	Purchase of Patrolling speed boat for protection of Dolphins, Turtle, Water Birds at river Bhagirathi out of APO fund , Vide cheque no-097253 dated- 10/05/19. (not included in APO 2019-20)	1 Nos	5,85,398.00
		Construction of 2 storied Range Office (Rs. 30,45,731.00) and construction of 2 nos. of group-D staff quarter @ 5,73,893.00 each (Rs. 11,47,786.00) at Katwa Social Forestry Range. (not included in APO 2019-20)		8,968.00
		<u>Wildlife & Bio-diversity management -</u>		
		Motorized patrolling boat for Monitoring Dolphin	1 Nos	8,00,000.00
		Solar light- 12 nos		1,781.00
		Administrative expenses		1,011.17
		Total =		13,97,158.17
		<u>Maintenance / Rennovation of Field Staff quarters</u>		
		Group-C Quarters- 5 nos		1,40,286.00
		Group-D Quarters- 20 nos		14,200.50

SI No.	Circle/ Division	Nature of Work	TOTAL CUMULATIVE 2019-20	
			Physical	Financial
24	DFO/Buxa Tiger Reserve West	<u>2nd year Maintenance of older plantations under CAMPA over 66.5 ha.</u> (Diversion of 35.933 ha of forest land for laying of Pipe Line by Oil (WI)., Maintenance of Grassland & habitat management at West Rajabhatkhawa Range, NRVK Beat, SrVK-2, Comptt.- 10 ha. and Maintenance of Grassland & habitat management at Nimati Range, East Nimati Beat, NMT-3, Comptt.-10 ha.	66.50 ha	16,77,061.00
		Total =		18,31,547.50
25	DFO/Wildlife-I (Darjeeling Wildlife) Division	Payment of outstanding fuel bills used in hiring vehicle for protection and preventing of man-animal conflict (<i>not included in APO 2019-20</i>).		4,96,424.00
		Administrative expenses		295.00
		Total =		4,96,719.00
26	DFO/24 Parganas North Forest Division	<u>Wildlife & Bio-diversity management -</u>		
		Training of staff against Wildlife protection conservation		50,075.00
		Total =		50,075.00
27	DFO/Kurseong Soil Conservation Division	Creation of Bamboo and slip plantation at TLDP-III & TLDP-IV (TLDP-III Bamboo Plantation Rs:- 17750/- & TLDP-IV Slip Plantation Rs:- 45000/-)	.50 Ha TLDP-III & 2.0 HA TLDP-IV	62,750.00
		CAT Plan Works (TLDP-III & IV) [25m3 DRM Wall TLDP-III & 618 m3 Boulder Sausage wall TLDP-IV & 170 rmt Bamboo Pallisade TLDP-IV)	25m3 DRM Wall TLDP-III & 618 m3 Boulder Sausage wall TLDP-IV & 170 rmt Bamboo Pallisade TLDP-IV	19,94,183.00
		Administrative expenses		33.66
		Total =		20,56,966.66
		Purchase of tranquilization Equipments , Medicine etc.		10,14,220.00
		Guns, cartridges, searchlight etc.		3,04,980.00
		Repairing of cages, boundary walls at sanctuaries etc.		-92,570.00
		<u>Wildlife & Bio-diversity management</u>		-
		Supply of snake catcher		1,46,000.00
		Preparation of publicity materials and create awareness to stop illegal capture and trade of wild animals		5,45,520.00
		Supply of food/medicine for rescued animal at wildlife recue centre		1,77,704.00

SI No.	Circle/ Division	Nature of Work	TOTAL CUMULATIVE 2019-20	
			Physical	Financial
28	Wildlife Headquarter	Organising workshop for participation and improvement of wildlife animals in North Bengal & South Bengal		67,550.00
		Purchase of equipments like camera traps and range finders for census of wild animals for use in different protected areas in West Bengal		5,00,000.00
		Purchase of office Equipment for establishment of control room at Wild animal rescue centre for monitoring of wild elephants of South Bengal		3,33,365.00
		Supply of tranquilizer gun with International Standard		2,00,000.00
		Cuddeback camera trap and logistics, Snake catching box small and big		7,00,000.00
		Operating 24x7 days toll free telephonic helpline to provide help in case of any diaster related with urban wildlife (Rs. 60,000.00) and food and medicine for rescued wildlife (Rs. 6,00,000.00) <i>(not included in APO 2019-20)</i>		6,60,000.00
		Hiring of veterinary services for treatment of rescued animals etc. (Rs. 3,60,000.00) and Labour, vehicle and POL for rescue and release of urban wildlife (Rs. 9,80,000.00) <i>(not included in APO 2019-20)</i>		13,40,000.00
		Interest Utilized as per field requirement and approval of CF, HQ.		1,93,321.68
		Administrative expenses		755.20
		Total =		60,90,845.88
29	DFO/Jhargram Training Centre			
		Skill Development Programme & Training to JFMC, vide cheque no- 097256, dated - 10/05/19 <i>(not included in APO 2019-20)</i>		2,80,800.00
		Skill development training of JFMC at Hijli <i>(not included in APO 2019-20)</i>		6,48,316.00
		Administrative expenses		275.50
		Total =		9,29,391.50
30	DFO/Silviculture South Division			
		Creation of Block Plantation for future seed stand, barbed wire fencing with RCC post around block plantation and raising & maintenance of tall seedling(25 ha). <i>(not included in APO 2019-20)</i>	25 ha	34,99,936.00
		Nurseries and E-green portal		
		Establishment of modern nursery at kolkata for raising tall seedling		8,91,380.00
		Administrative expenses		803.00

SI No.	Circle/ Division	Nature of Work	TOTAL CUMULATIVE 2019-20	
			Physical	Financial
		Total =		43,92,119.00
31	DFO/Silviculture Hills Division	Creation of Block Plantation for future seed stand, barbed wire fencing with RCC post around block plantation and raising & maintenance of tall seedling(9 ha). <i>{not included in APO 2019-20}</i>	9 ha	11,86,228.00
		<u>Soil & moisturize conservation and Research works</u>		
		Soil Conservation Works at Lloyd Botanical Garden, Darjeeling		3,60,896.00
		Soil And Moisture Conservation Works ay Lebong		27,90,700.00
		<u>Maintenance / Rennovation of Field Staff quarters</u>		
		Group-C Quarters - 1 nos		98,961.00
		Administrative expenses		57.82
		Total =		44,36,842.82
32	DFO/Purba Medinipur Division	Forest Protection - Engagement of local people and labourers to assist the staff in forest Divisions for protection of forest and wildlife including supply of search lights and hiring of vehicles.		10,00,000.00
		Total =		10,00,000.00
33	DFO/Birbhum Division	Construction/ Rennovation of Group C quarter 1 nos	1 Nos	1,23,113.00
		<u>Compensatory Afforestation (Advance work)</u> of 1 ha agst Proposal for diversion of 0.562 ha. of Forest Land for extension of Paradip-Haldia-Durgapur pipeline to Muzaffarpur and Patna from Durgapur Terminal in favour of Indian Oil Corporation Limited (IOCL)(Pipeline Division) under Birbhum Forest Division.	0.562 Ha	46,000.00
		<u>Artificial Regeneration.</u> Creation of Plantations under Birbhum Division(170 ha).	170 Ha	1,19,03,313.00
		<u>1st year Maintenance of older plantations over 5.60 ha.</u> Agst Diversion of 4.99 ha of forest land for Barjore Block OCCMP by Bengal-EMTA Coal Mines Ltd and Diversion of 0.6070 ha of forest land for construction of bridge at Hatikra.	5.6 Ha	1,75,887.00
		<u>Maintenance of Seedling</u> under CAMPA over 105 ha.	105 ha	99,872.00
		Administrative expenses		128.06
		Total =		1,23,48,313.06

SI No.	Circle/ Division	Nature of Work	TOTAL CUMULATIVE 2019-20	
			Physical	Financial
34	DFO/Silviculture North Division	Creation of Block Plantation for future seed stand, barbed wire fencing with RCC post around block plantation and raising & maintenance of tall seedling(16 ha). <i>(not included in APO 2019-20)</i>	16 Ha	25,08,896.00
		Administrative expenses		481.00
		Total =		25,09,377.00
35	DFO/Jhargram Division	Forest Protection - Engagement of local people and labourers to assist the staff in forest Divisions for protection of forest and wildlife including supply of search lights and hiring of vehicles		60,00,000.00
		1st year Maintenance of older plantations under CAMPA over 85.73 ha. (Diversion of 54.6059 ha (11.772 ha under Kharagpur Forest Division + 42.8339 ha under Jhargram Forest Division) of Forest Land in favour of National highway Authority of India (NHAI) for upgradation & widening of NH-6, Kharagpur-Chichira section.)	85.73 Ha	28,39,360.00
		To complete the special improvement works of Compensatory Afforestation	59 Ha	19,34,403.00
		Administrative expenses		3,317.00
		Total =		1,07,77,080.00
		Compensatory Afforestation work (Advance work) of 9.50 ha agst diversion of 47.4932 ha of forest land for laying of 400 kv Transmission line from Maangaon to Kishan Ganj by TPTL (Darjeeling 13.2342 ha + Kurseong 9.7152 ha +GTA 24.5438) (not included in APO 2019-20)	9.50 Ha	2,37,502.00
		Compensatory Afforestation work (Creation work) of 9.50 ha agst diversion of 47.4932 ha of forest land for laying of 400 kv Transmission line from Maangaon to Kishan Ganj by TPTL (Darjeeling 13.2342 ha + Kurseong 9.7152 ha +GTA 24.5438) (not included in APO 2019-20)	9.50 Ha	7,22,220.00
		Compensatory Afforestation (Advance work) of 1.997 ha/ 2 ha of NHIDCL (Diversion of 1.997 hec. of forest land in favour of NHIDCL for Construction of 1000 mtr. length viaduct at Rangpo between Km 51.100 to Km 53.900 on Sevoke-Gangtok Road (NH-31A, new NH-10) under Kalimpong Forest Division.)	2 Ha	48,640.00

SI No.	Circle/ Division	Nature of Work	TOTAL CUMULATIVE 2019-20	
			Physical	Financial
36	DFO/Kalimpong Forest Division	<u>Compensatory Afforestation (Creation work)</u> of 1.997 ha/ 2 ha of NHIDCL (Diversion of 1.997 hec. of forest land in favour of NHIDCL for Construction of 1000 mtr. length viaduct at Rangpo between Km 51.100 to Km 53.900 on Sevoke-Gangtok Road (NH-31A, new NH-10) under Kalimpong Forest Division.)	2 Ha	1,40,280.00
		<u>Compensatory Afforestation (Advance work)</u> of 93.658 ha agst Diversion of 86.6255 ha (18.604 ha in Darjeeling Forest Division + 12.3436 ha in Kurseong Forest Division + 8.8489 ha. In Darjeeling Wildlife Division + 46.829 ha. In Kalimpong Forest Division) of forest land in favour of North Frontier Railway, Jalpaiguri for construction of Sivok-Rangpo New Broad Gauge Railway Line.	45.65 Ha	11,10,064.00
		<u>1st Year Maintenance of older plantations</u> under CAMPA over 10.939 ha. (Diversion of 1.920 ha. (Km 0.00 to Km 3.20) for improvement of Kalimpong Algarah By Pass Road under Kalimpong Division., Diversion of 0.6935 ha of forest land for Lanco Energy, Pvt Ltd Teesta Stage-IV, Diversion of 1.00 ha of forest land for Border Outpost at Khumani by 10th Bn., SSB., Diversion of 0.8560 ha of forest land for Improvement of Teesta-Rangpo (km. 29.00 to km. 52.10). and Compensatory Afforestation at Sailee Resume land over 2 ha in lie of SSB, BOP at Jaldakha Range.	10.939 Ha	3,85,000.00
		Workshop on e-Green Watch Portal for 2 days during visit of PCCF, Campa (not included in APO 2019-20)		18,000.00
		Wages of laborers for the purpose of protection of plantation, forest & wildlife (not included in APO 2019-20)		5,00,000.00
		Vehicle hire charges for 2 days for Dy. CEO, CAMPA during visit of hill circle (not included in APO 2019-20)		10,500.00
		Administrative expenses		236.00
		Total =		31,72,442.00
GRAND TOTAL				12,51,20,898.92

ANNEXURE 2

PHOTO PLATES



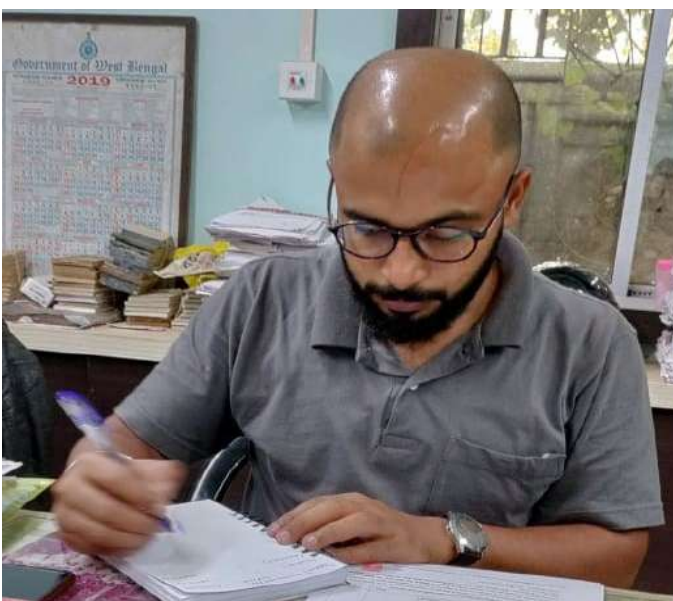
Hijli Training Centre: Office visit



Kharagpur Division: Office visit



Wildlife HQ: Office visit



Kharagpur Division: Office visit



Wildlife HQ: Office visit



Wildlife HQ: Office equipment



Wildlife HQ: Jute bag for organizing workshop



Wildlife HQ: Tranquilizing medicine and store



Wildlife HQ: Compactor



Arabari Research Range: Piasal plantation



Jhargram Research Range: Holdu plantation



Purulia Research Range: Akashmini plantation



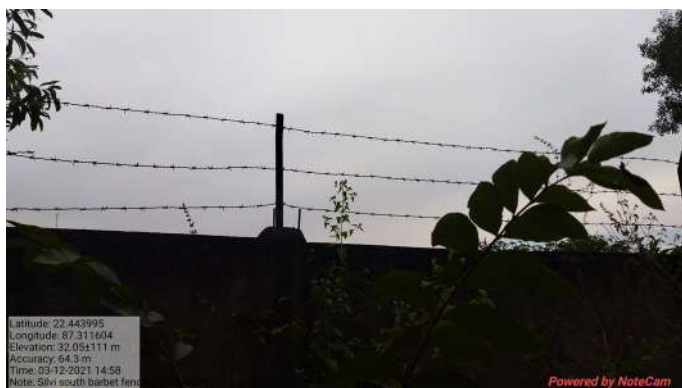
Ranibandh Range: Arjun plantation



Beliatore Range: Asan plantation



Pump house at modern nursery, Golapi Chawk, Medinipur



Barbed fencing at modern nursery, Golapi Chawk, Medinipur



Electric pole at modern nursery, Golapi Chawk, Medinipur



Bhadutala Range: Visit to Miscellaneous plantation area



Godapiasal Range: Visit to Miscellaneous plantation area



Bhadutala Range: JFMC toilet



Bhadutala Range: Maintenance of Group-C and Group-D quarter



Amlagora Range: Monitoring of Sal plantation with forest officials



Amlagora Range: Monitoring of Sal plantation



Amlagora Range: Monitoring of QGS plantation



Kalaikunda Range: Visit to QGS plantation area



Jamboni Range: Monitoring of plantations



Jamboni Range: *Albizia lebbeck* plantation



Jamboni Range: *Pongamia pinnata* plantation



Manikpara Range: Trace of elephant ingress in plantation area



Manikpara Range: Visit to plantation area with forest officials



Porihati Range: Monitoring of plantation



Banduan Range: Monitoring of plantation



Jamuna Range: Visit of plantation with forest officials



Manbazar-I Range: Plantation sites



Manbazar-I Range: Measuring plant growth parameters



Manbazar-I Range: Visit to plantation area with forest officials



Hura Range: Monitoring of plantation



Puncha Range: Plantation site



Puncha Range: Visit of plantation with forest



Puncha Range: Miscellaneous plantation



Raghunathpur Range: Visit to plantation areas



Raghunathpur Range: Plantation site



Raghunathpur Range: Plantation site amidst river bed, could not be visited during low tide



Arsha Range: Monitoring of plantation with forest officials



Kotshila Range: Monitoring of plantation with forest officials



Jhalda Range: Monitoring of miscellaneous plantation



Jhalda Range: Monitoring of miscellaneous plantation with forest officials



Bankura North Range: Monitoring of miscellaneous plantation



Chhatna Range: Monitoring of miscellaneous plantation



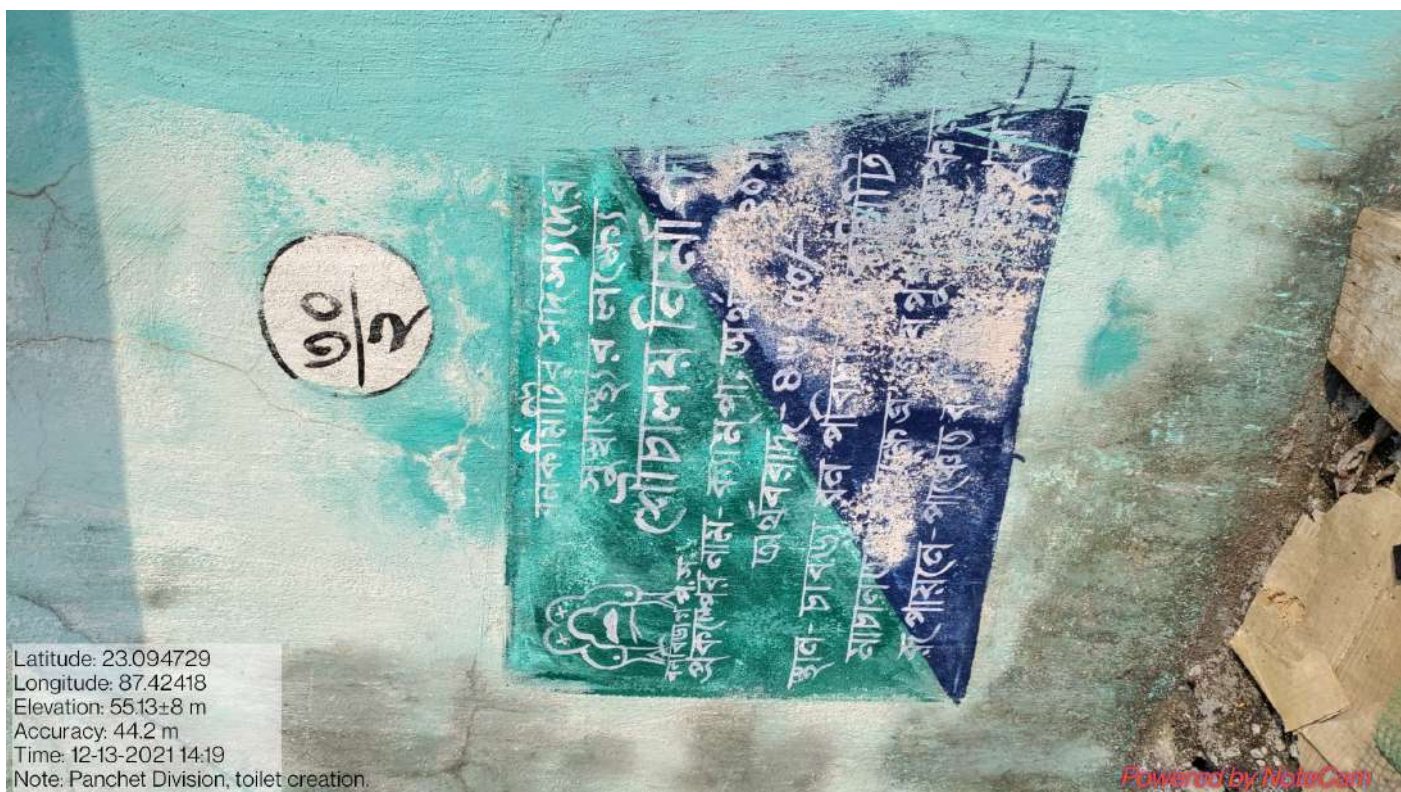
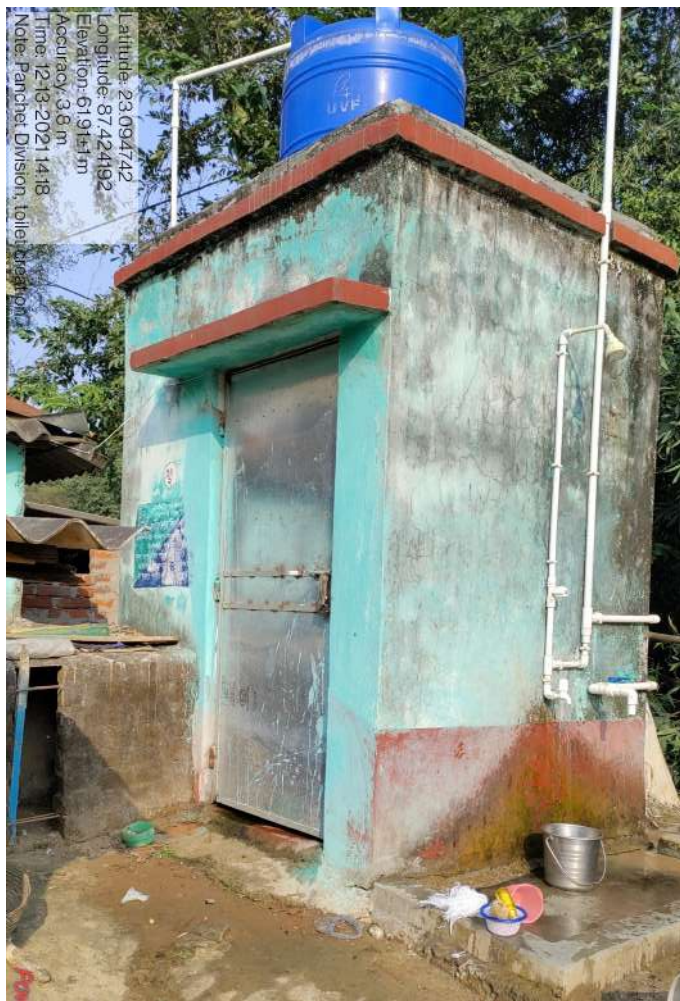
Gangajalghati Range: Monitoring of QGS plantation



Gangajalghati Range: Monitoring of QGS plantation



Seedling preparation at the central nursery in Indpur Range, Bankura South Division for advance work of plantation of 13.54 ha



Panchet Division: Construction of JFMC toilet



Asansole Range, Mongalpur Beat: Monitoring of plantation



Ukhra Range, Kantaberia Beat: Monitoring of plantation



Ukhra Range, Kantaberia Beat: Monitoring of plantation



Ukhra Range, Tilaboni Beat: Monitoring of plantation



Dubrajpur Range, Bakreswar Beat: Monitoring of plantation



Dubrajpur Range, Rasa Beat: Monitoring of plantation



Dubrajpur Range, Khoyrasole Beat: Monitoring of plantation



Rajnagar Range, Aligar Beat: Monitoring of plantation



Suri Range, Purandarpur Beat: Monitoring of plantation



Maintenance of seedling at the nursery of Dubrajpur Range for plantation in 105 ha area



BTR East Division, South Raidak Range, South Raidak Beat: Monitoring of plantation along with forest officials



BTR West Division, Nimati Range: Monitoring of plantation along with forest officials



BTR West Division, WRVK Range: Monitoring of plantation along with forest officials



BTR West Division, SRVK Range: Maintenance of staff quarter



Chilapata Range, Bania Beat, Ban-4



Chilapata Range, Chilapata Beat, Ban-7



Chilapata Range, Mendabari Beat, MB-1



Jaldapara South Range, Salkumar Beat, SK-4



Jaldapara South Range, Salkumar Beat, SK-4



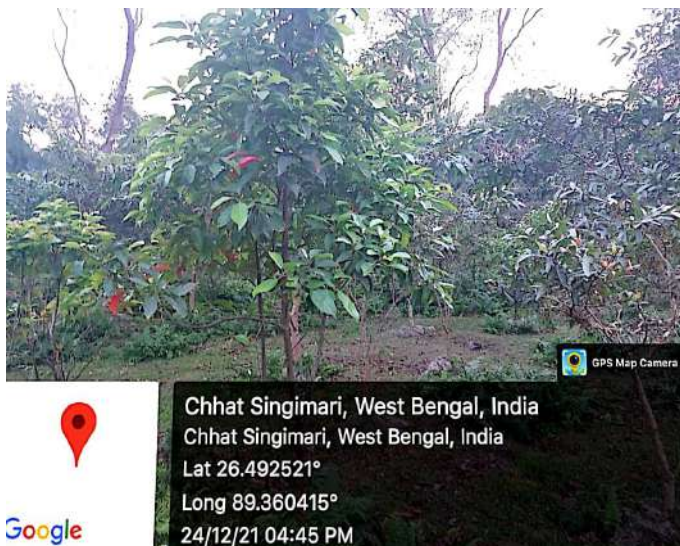
Jaldapara West Range, Holong Beat, JP-5



Jaldapara West Range, Holong Beat, JP-5



Jaldapara West Range, Holong Beat, JP-5



Cooch Behar Division, Pundibari Range: Monitoring of plantation



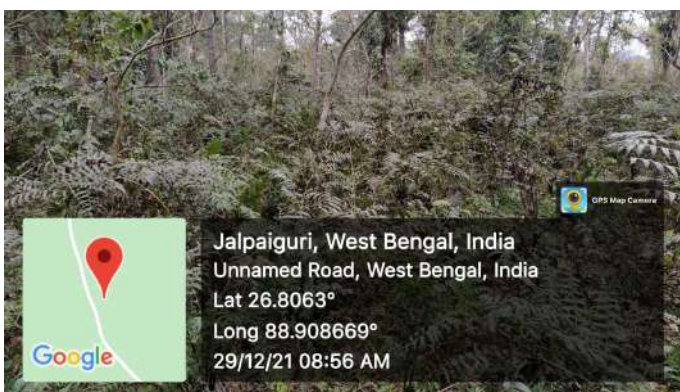
Cooch Behar Division: Maintenance of staff quarter



Cooch Behar Division: Maintenance of staff quarter



Diana Range, Carron Beat: Monitoring of plantation



Diana Range, Khairakata Beat: Monitoring of plantation



Jalpaiguri Division: Electric fencing



Jalpaiguri Division: Maintenance/renovation of staff quarter



Jalpaiguri Division: Maintenance/renovation of driver quarter



Gorumara North Range, Murti Beat: Monitoring of plantation along with forest officials



Gorumara South Range: Monitoring of plantation along with forest officials



Baikunthapur Division, Targhera Range, Gazoldoba Beat: Monitoring of plantation



Silviculture North Division, Buxa-Cooch Behar Research Range: Monitoring of plantation



Silviculture North Division, Jalpaiguri Research Range: Monitoring of plantation



Silviculture North Division, Jalpaiguri Research Range: Monitoring of plantation



Silviculture North Division, Salugara Lab Range: Monitoring of plantation



Sevok Range, Birick Beat: Monitoring of plantation



Sevok Range, Kalijhora Beat: Monitoring of plantation along with forest officials



East Balason Catchment Range: CAT Work



Upper Teesta Catchment Range: CAT Work



East Balason Catchment Range: Boulder sausage wall



Upper Teesta Catchment Range: Bamboo plantation



Upper Teesta Catchment Range: *Pandanus* plantation



UTCR Range: Monitoring of plantation along with forest officials



Ghum Simana Range, Pugribong Beat: Monitoring of plantation along with forest officials



Teesta Valley Range, Geil Beat: Monitoring of plantation



Chel Range, Yangmukum Beat: Monitoring of plantation along with forest officials



Jaldhaka Range, Kumani Beat: Monitoring of plantation



Neora Range, Gorubathan Beat: Monitoring of plantation



Kalimpong Range, Tarkhola Beat: Monitoring of plantation along with forest officials



Silviculture Hill Division, Kalimpong Upper Hill Research Range: Monitoring of plantation

ANNEXURE 3

Latitude and longitude of plantations

Division	Range	Beat	Mouza	Plantation Size	Quadrate	Lat	Long
Rupnarayan	Amlagora	Chandabila	Mathani	15 Ha Creation	Q1	22°51'23.66"N	87°26'16.12"E
						22°51'25.38"N	87°26'16.51"E
						22°51'25.57"N	87°26'14.96"E
						22°51'24.02"N	87°26'14.17"E
					Q2	22°51'25.56"N	87°26'20.27"E
						22°51'27.06"N	87°26'20.00"E
						22°51'27.63"N	87°26'21.82"E
						22°51'26.06"N	87°26'21.89"E
					Q3	22°51'26.65"N	87°26'19.64"E
						22°51'28.19"N	87°26'18.99"E
						22°51'27.68"N	87°26'17.36"E
						22°51'26.45"N	87°26'18.06"E
	Amlagora	Chandabila	Lodha	2 Ha	Q1	22°51'6.74"N	87°27'26.53"E
						22°51'7.61"N	87°27'27.99"E
						22°51'5.93"N	87°27'27.76"E
						22°51'5.39"N	87°27'26.42"E
	Amlagora	Raskundu	Kadambandhi, Dhalma	5 Ha Sal Plantation	Q1	22°49'39.11"N	87°26'40.74"E
						22°49'40.02"N	87°26'42.20"E
						22°49'38.57"N	87°26'42.98"E
						22°49'37.67"N	87°26'41.55"E
	Amalagora	Raskundu	Tilara, Jadavnagar	5 Ha Sal Plantation	Q1	22°46'58.84"N	87°30'14.40"E
						22°47'0.18"N	87°30'15.34"E
						22°46'59.03"N	87°30'16.76"E
						22°46'57.70"N	87°30'15.73"E

	Mahalisai	Adalia	Halimasan	4 ha, Creation of Miscellaneous plantation	Q1	22°48'53.3"N	87°08'03.6"E
						22°48'53.25"N	87° 8'5.41"E
						22°48'54.99"N	87° 8'5.53"E
						22°48'55.07"N	87° 8'3.72"E
	Hoomgarh	Baromesia	Baromesia	1 ha, 2 nd year maintenance	Q1	22°48'26.7"N	87°14'02.5"N
						22°48'26.29"N	87° 8'5.06"E
						22°48'27.84"N	87° 8'5.41"E
						22°48'28.31"N	87° 8'3.83"E
Silvi culture South Division	Jhargram Research Range		Amlachoti	5 Ha Holdu	Q1	22°22'50.43"N	87° 2'43.40"E
						22°22'51.51"N	87° 2'42.11"E
						22°22'50.33"N	87° 2'40.29"E
						22°22'49.34"N	87° 2'42.00"E
	Arabari Research Range		Ghagra	5 ha Plnt	Q1	22°41'50.34"N	87°19'29.57"E
						22°41'51.70"N	87°19'30.02"E
						22°41'52.11"N	87°19'28.04"E
						22°41'50.64"N	87°19'27.73"E
	Rani Bandh Research Range	Harirampur Beat	Dhyangakand Mouja, JI No 148	5 ha Plnt	Q1	23° 8'11.09"N	86°55'47.86"E
						23° 8'9.50"N	86°55'47.48"E
						23° 8'9.07"N	86°55'49.21"E

						23° 8'10.77"N	86°55'49.69"E
	Beliator Research Range	Beliatore Beat	Damodarpur Mouja	5 ha Plnt	Q1	23°20'43.16"N	87°13'38.46"E
						23°20'44.76"N	87°13'38.26"E
						23°20'44.35"N	87°13'36.48"E
						23°20'42.96"N	87°13'36.75"E
	Purulia Research Range		Lakhanpur	5 ha Plnt	Q1	23°20'54.45"N	86°33'45.21"E
						23°20'53.94"N	86°33'47.00"E
						23°20'52.42"N	86°33'46.72"E
						23°20'52.94"N	86°33'44.92"E
Jhargram Division	Manikpara	Kusumghati	Lauriadam	59 ha 1st Yr Plantation (Part 1-23 ha)		22°22'23.51"N	87° 4'29.42"E
	Manikpara	Kusumghati	Radhashyampur	59 ha 1st Yr Plantation (Part 3-20 ha)		22°20'58.56"N	87° 6'11.12"E
	Manikpara	Kusumghati	Lauriadam	16 1st Yr Plantation (Part 2-16 ha)		22°22'43.50"N	87° 03'39.71"E
	Jamboni	Bhaluka	Khasjungle	11.03 Ha 1st year maintenance	Q1	22°21'23.71"N	86°54'11.30"E
						22°21'25.27"N	86°54'12.83"E
						22°21'26.25"N	86°54'11.68"E
						22°21'25.16"N	86°54'10.17"E
	Jamboni				Q2	22°21'27.91"N	86°54'8.96"E
						22°21'28.76"N	86°54'7.52"E
						22°21'30.56"N	86°54'7.72"E

						22°21'28.91"N	86°54'10.37"E
	Porihati	Erdoga	Guiara	15.7 Ha Plantation 1st Yr Maintainance	Q1	22°32'46.31"N	86°50'8.81"E
						22°32'47.30"N	86°50'9.96"E
						22°32'45.68"N	86°50'11.54"E
						22°32'45.38"N	86°50'10.14"E
					Q2	22°32'50.09"N	86°50'8.12"E
						22°32'48.65"N	86°50'7.08"E
						22°32'49.55"N	86°50'5.42"E
						22°32'50.64"N	86°50'6.38"E
				MISC	Q3	22°32'39.96"N	86°50'5.23"E
						22°32'38.43"N	86°50'6.11"E
						22°32'39.40"N	86°50'7.69"E
						22°32'40.86"N	86°50'6.68"E
Kansabati South	Manbazar 1	Sindurpur	Majhihira	5.17 Ha, Recovery of encroachment	Q1	23° 5'31.18"N	86°32'19.54"E
						23° 5'32.69"N	86°32'19.79"E
						23° 5'32.54"N	86°32'18.04"E
						23° 5'30.73"N	86°32'17.70"E
	Manbazar 1	Janara		5 Ha, Recovery of encroachment	Q1	23° 2'57.53"N	86°31'36.77"E
						23° 2'58.06"N	86°31'35.33"E
						23° 2'56.52"N	86°31'34.43"E
						23° 2'55.85"N	86°31'36.21"E

	Bandwan 1	Pargora	Patkita	2 Ha, Recovery of encroachment	Q1	22°49'14.11"N	86°28'52.00"E
						22°49'14.32"N	86°28'50.20"E
						22°49'16.06"N	86°28'51.06"E
						22°49'15.84"N	86°28'52.61"E
		Bandwan	Ghagra,	3 ha, Recovery of encroachment	Q1	22°49'9.31"N	86°34'1.67"E
						22°49'8.88"N	86°34'3.94"E
						22°49'7.42"N	86°34'1.86"E
						22°49'7.25"N	86°34'3.40"E
	Jamuna Range	Nanna Beat	Harada Mouja L	5 ha, Recovery of encroachment	Q1	22°47'13.25"N	86°34'55.26"E
						22°47'13.77"N	86°34'53.40"E
						22°47'16.01"N	86°34'54.05"E
						22°47'15.16"N	86°34'55.67"E
		Kuilapal Beat	Hargora Mouja	3 ha, Recovery of encroachment	Q1	22°50'55.62"N	86°36'37.46"E
						22°50'56.44"N	86°36'39.00"E
						22°50'57.91"N	86°36'38.23"E
						22°50'57.05"N	86°36'36.72"E
Purulia	Jhalda	Kalma	Ichahatu	25.97 Ha, 1st yr	Q1	23°28'16.10"N	85°53'8.07"E
						23°28'16.71"N	85°53'6.20"E
						23°28'18.47"N	85°53'7.13"E
						23°28'17.73"N	85°53'8.97"E
					Q2	23°28'19.37"N	85°53'10.90"E
						23°28'18.81"N	85°53'12.59"E
						23°28'20.89"N	85°53'11.62"E

						23°28'20.30"N	85°53'13.39"E
					Q3	23°28'23.05"N	85°53'17.56"E
						23°28'21.45"N	85°53'17.12"E
						23°28'20.83"N	85°53'18.31"E
						23°28'22.41"N	85°53'18.96"E
					Q4	23°28'22.66"N	85°53'27.53"E
						23°28'22.32"N	85°53'29.40"E
						23°28'20.32"N	85°53'29.40"E
						23°28'20.96"N	85°53'27.75"E
					Q5	23°28'21.94"N	85°53'31.93"E
						23°28'22.02"N	85°53'33.36"E
						23°28'20.41"N	85°53'33.85"E
						23°28'20.38"N	85°53'32.23"E
	Kotshila Range	Murguma	Jaharhatu	5 Ha, encroach recovery	Q1	23°20'18.81"N	86° 2'11.00"E
						23°20'20.24"N	86° 2'11.58"E
						23°20'20.94"N	86° 2'9.64"E
						23°20'19.24"N	86° 2'9.35"E
	Joypur	Joypur	Joypur	2ha. C.A Plnt, 3rd	Q1	23°25'57.63"N	86° 9'34.92"E
						23°25'57.65"N	86° 9'36.90"E
						23°25'56.20"N	86° 9'36.45"E
						23°25'56.04"N	86° 9'34.88"E
	Arsha	Kantadih	Rajpoti	5 ha, encroach recovery	Q1	23°14'36.43"N	86°13'20.93"E
						23°14'35.25"N	86°13'19.96"E
						23°14'34.64"N	86°13'21.47"E
						23°14'35.81"N	86°13'22.01"E

Midnapur	Godapiasal	Ghagrasole	Kulapachuria	4.03 ha 2nd year Maintenance of Plantation	Q1	22°31'50.49"N	87°19'3.14"E
						22°31'51.62"N	87°19'3.29"E
						22°31'52.05"N	87°19'1.42"E
						22°31'50.30"N	87°19'1.04"E
	Bhadutola	Moupal	Karamarasole	Advance work of Plantation		22°30'14.43"N	87°14'17.16" E
Kansabati North	Raghunathpur	Santuri	Santuri	2 Ha, encroachment	Q1	23°31'52.68"N	86°51'22.41"E
						23°31'53.76"N	86°51'23.15"E
						23°31'54.60"N	86°51'21.56"E
						23°31'53.18"N	86°51'20.88"E
	Raghunathpur	Neturia	Saltore	5 Ha, encroachment recovary	Q1	23°41'15.04"N	86°48'17.86"E
						23°41'13.94"N	86°48'16.64"E
						23°41'16.06"N	86°48'16.53"E
						23°41'14.98"N	86°48'15.33"E
	Raghunathpur	Neturia	Maharajnagar	4 ha, 1st yr maintenance	Q1	23°34'34.23"N	86°44'36.74"E
						23°34'34.92"N	86°44'38.33"E
						23°34'36.51"N	86°44'38.05"E
						23°34'36.05"N	86°44'36.24"E
	Raghunathpur	Dandua	Dandua	2 Ha, 3rd yr maintenance	Q1	23°35'14.41"N	86°32'4.49"E
						23°35'14.30"N	86°32'6.36"E
						23°35'12.66"N	86°32'6.36"E

						23°35'12.79"N	86°32'4.50"E
		Raghunathpur II	Murabag	3 Ha, 2nd yr maintenance	Q1	28°37'22.68"N	86°31'7.32"E
						23°37'24.17"N	86°31'8.05"E
						23°37'24.85"N	86°31'6.45"E
						23°37'23.36"N	86°31'5.67"E
	Kasipur Range	Sonathali Beat	Lajhna Mouja	2.5 ha, encroachment recovery	Q1	23°23'25.40"N	86°41'40.79"E
						23°23'23.92"N	86°41'39.84"E
						23°23'22.99"N	86°41'41.60"E
						23°23'24.41"N	86°41'42.40"E
			Ranjandi Mouja,	2 ha, encroachment recovery	Q2	23°23'20.52"N	86°42'14.62"E
						23°23'18.85"N	86°42'14.29"E
						23°23'18.64"N	86°42'12.40"E
						23°23'20.27"N	86°42'12.92"E
			Kustore Mouja	2.5 ha, encroachment recovery	Q3	23°20'2.20"N	86°46'0.59"E
						23°20'0.65"N	86°45'59.38"E
						23°20'1.57"N	86°45'57.51"E
						23°20'3.04"N	86°45'58.36"E
		Gourangadi	Sumaidi	2 ha, encroachment recovery	Q4	23°23'48.89"N	86°39'49.46"E
						23°23'48.12"N	86°39'51.30"E
						23°23'46.68"N	86°39'50.80"E
						23°23'47.29"N	86°39'48.97"E

	Hura	Keshargarh	Chorgali, Kaitardih	9.5 ha, encroachment recovery	Q1	23°16'10.24"N	86°33'2.19"E
						23°16'8.58"N	86°33'2.36"E
						23°16'8.49"N	86°33'0.49"E
						23°16'10.14"N	86°33'0.20"E
					Q2	23°16'6.42"N	86°32'58.34"E
						23°16'6.39"N	86°33'0.42"E
						23°16'4.89"N	86°33'0.30"E
						23°16'4.89"N	86°32'58.32"E
	Hura	Hura	Ledad	3 ha, encroachment recovery	Q1	23°26'13.42"N	86°43'18.08"E
						23°26'14.09"N	86°43'19.73"E
						23°26'12.53"N	86°43'20.30"E
						23°26'11.96"N	86°43'18.71"E
	Puncha	Puncha	Chatalalpur	2 ha, encroachment recovery	Q1	23°15'25.75"N	86°35'0.38"E
						23°15'25.14"N	86°35'2.02"E
						23°15'23.65"N	86°35'1.20"E
						23°15'24.32"N	86°34'59.54"E
Bankura North	Chhatna	Susunia	Hapania	0.19ha, 1st yr	Q1	23°24'14.32"N	86°59'22.18"E
						23°24'15.19"N	86°59'23.35"E
						23°24'16.44"N	86°59'22.60"E
						23°24'15.54"N	86°59'20.97"E

	Bankura North	Salboni	Bodra Harialgara	4 Ha. 3rd Yr Main	Q1	23°15'38.76"N	87° 2'38.94"E
						23°15'37.26"N	87° 2'39.26"E
						23°15'37.63"N	87° 2'41.10"E
						23°15'39.16"N	87° 2'40.67"E
	Gangajalghati	Ukhradihi	Goaldanga	7.78 ha, 4th Year		23°23'44.2"N	87°04'04.00"E
Durgapur	Asansol	Mangalpur	Tirat	7.25 Ha, Artificial regeneration	Q1	23°37'44.36"N	87° 3'26.06"E
						23°37'46.03"N	87° 3'26.03"E
						23°37'44.29"N	87° 3'24.39"E
						23°37'45.98"N	87° 3'24.28"E
	Asansol	Mangalpur	Mahamudpur	12.5 ha, Artificial regeneration	Q1	23°40'41.52"N	87° 7'37.70"E
						23°40'42.95"N	87° 7'37.94"E
						23°40'43.85"N	87° 7'36.71"E
						23°40'42.40"N	87° 7'36.27"E
					Q2	23°40'39.47"N	87° 7'38.06"E
						23°40'38.65"N	87° 7'37.45"E
						23°40'39.92"N	87° 7'36.97"E
						23°40'39.17"N	87° 7'36.47"E
					Q3	23°40'48.86"N	87° 7'38.05"E
						23°40'48.23"N	87° 7'38.68"E
						23°40'46.89"N	87° 7'37.51"E
						23°40'48.23"N	87° 7'36.50"E
	Ukhra	Kantaberia	Dhabani	10 ha, Artificial regeneration	Q1	23°35'45.89"N	87°22'9.03"E
						23°35'45.72"N	87°22'10.77"E

						23°35'47.33"N	87°22'10.91"E
						23°35'47.65"N	87°22'9.21"E
					Q2	23°35'47.26"N	87°22'11.74"E
						23°35'47.08"N	87°22'13.45"E
						23°35'45.41"N	87°22'13.32"E
						23°35'45.50"N	87°22'11.58"E
	Ukhra	Tilaboni	Bansgora	20 ha, Artificial regeneration	Q1	23°36'54.51"N	87°18'12.38"E
						23°36'54.97"N	87°18'10.68"E
						23°36'56.56"N	87°18'11.06"E
						23°36'55.93"N	87°18'12.82"E
					Q2	23°36'59.08"N	87°18'11.03"E
						23°37'0.61"N	87°18'11.49"E
						23°37'1.09"N	87°18'9.74"E
						23°36'59.51"N	87°18'9.21"E
					Q3	23°37'1.91"N	87°18'12.02"E
						23°37'3.50"N	87°18'12.56"E
						23°37'3.98"N	87°18'10.73"E
						23°37'2.35"N	87°18'10.25"E
					Q4	23°36'59.57"N	87°18'8.83"E
						23°37'1.12"N	87°18'9.45"E
						23°37'1.87"N	87°18'7.88"E
						23°37'0.21"N	87°18'7.15"E
	Ukhra	Tilaboni	Bansgora	30.63 Ha, 1yr Maintenance	Q1	23°36'53.07"N	87°17'54.65"E
						23°36'54.34"N	87°17'55.36"E
						23°36'53.92"N	87°17'56.54"E
						23°36'52.78"N	87°17'56.40"E

					Q2	23°36'51.00"N	87°18'0.83"E
						23°36'52.33"N	87°18'1.27"E
						23°36'52.15"N	87°18'2.92"E
						23°36'50.68"N	87°18'2.48"E
					Q3	23°37'36.43"N	87°18'24.25"E
						23°37'34.91"N	87°18'23.57"E
						23°37'34.33"N	87°18'25.09"E
						23°37'35.81"N	87°18'25.87"E
					Q4	23°37'34.70"N	87°18'28.40"E
						23°37'34.56"N	87°18'30.18"E
						23°37'32.91"N	87°18'29.86"E
						23°37'33.04"N	87°18'28.19"E
					Q5	23°37'34.79"N	87°18'31.13"E
						23°37'34.70"N	87°18'32.94"E
						23°37'33.07"N	87°18'32.81"E
						23°37'33.24"N	87°18'31.04"E
					Q6	23°37'32.70"N	87°18'30.96"E
						23°37'32.52"N	87°18'32.68"E
						23°37'30.84"N	87°18'32.36"E
						23°37'31.07"N	87°18'30.77"E
	Ukhra	Tilaboni	Parulia Mouza	10 Ha, 1yr Maintenance	Q1	23°36'21.66"N	87°19'24.89"E
						23°36'20.18"N	87°19'24.24"E
						23°36'19.69"N	87°19'26.08"E
						23°36'21.36"N	87°19'26.44"E
					Q2	23°36'22.45"N	87°19'25.21"E
						23°36'23.83"N	87°19'25.84"E
						23°36'23.44"N	87°19'27.37"E
						23°36'21.91"N	87°19'26.83"E
		Kantaberia	Srikrishnapur	12 ha, 1yr Maintenance	Q1	23°39'50.76"N	87°21'38.88"E
						23°39'49.07"N	87°21'39.07"E

						23°39'48.76"N	87°21'37.30"E
						23°39'50.46"N	87°21'37.09"E
					Q2	23°39'50.36"N	87°21'36.65"E
						23°39'50.07"N	87°21'34.88"E
						23°39'48.45"N	87°21'35.14"E
						23°39'48.74"N	87°21'36.76"E
					Q3	23°39'49.88"N	87°21'34.38"E
						23°39'49.54"N	87°21'32.58"E
						23°39'47.87"N	87°21'32.68"E
						23°39'48.26"N	87°21'34.55"E
		Kantaberia	Madhaiganj	13 ha, 1yr Maintenance	Q1	23°39'36.21"N	87°19'1.40"E
						23°39'36.11"N	87°19'3.19"E
						23°39'34.44"N	87°19'3.23"E
						23°39'34.51"N	87°19'1.55"E
					Q2	23°39'35.70"N	87°19'4.25"E
						23°39'34.11"N	87°19'4.20"E
						23°39'34.24"N	87°19'5.96"E
						23°39'35.81"N	87°19'6.05"E
					Q3	23°39'35.46"N	87°19'6.81"E
						23°39'35.29"N	87°19'8.54"E
						23°39'33.70"N	87°19'8.26"E
						23°39'33.78"N	87°19'6.49"E
Birbhum	Dubrajpur	Bakreswar	Rampur	60 Ha, Artificial regeneration	Q1	23°52'31.89"N	87°19'19.83"E
						23°52'31.92"N	87°19'18.43"E
						23°52'30.31"N	87°19'18.62"E
						23°52'30.36"N	87°19'20.05"E

			Rampur		Q2	23°52'28.85"N	87°19'21.78"E
						23°52'28.43"N	87°19'23.29"E
						23°52'26.74"N	87°19'23.40"E
						23°52'27.16"N	87°19'21.78"E
			Rampur		Q3	23°52'27.65"N	87°19'28.67"E
						23°52'27.88"N	87°19'30.35"E
						23°52'26.28"N	87°19'30.61"E
						23°52'26.14"N	87°19'29.06"E
			Rampur		Q4	23°52'28.31"N	87°19'34.54"E
						23°52'28.28"N	87°19'36.26"E
						23°52'26.63"N	87°19'36.62"E
						23°52'26.63"N	87°19'34.79"E
			Rampur		Q5	23°52'28.26"N	87°19'36.77"E
						23°52'28.45"N	87°19'38.46"E
						23°52'26.72"N	87°19'39.05"E
						23°52'26.62"N	87°19'36.98"E
			Rampur		Q6	23°52'28.56"N	87°19'40.43"E
						23°52'28.43"N	87°19'42.38"E
						23°52'26.70"N	87°19'42.71"E
						23°52'26.88"N	87°19'40.66"E
			Pratappur		Q7	23°52'28.97"N	87°19'40.19"E
						23°52'30.54"N	87°19'39.97"E
						23°52'30.41"N	87°19'38.24"E
						23°52'28.76"N	87°19'38.46"E
			Pratappur		Q8	23°52'28.89"N	87°19'37.67"E
						23°52'30.38"N	87°19'37.42"E
						23°52'30.10"N	87°19'35.70"E
						23°52'28.77"N	87°19'35.94"E
			Pratappur		Q9	23°52'28.91"N	87°19'33.26"E
						23°52'30.29"N	87°19'32.81"E
						23°52'30.12"N	87°19'31.08"E
						23°52'28.68"N	87°19'31.26"E
			Pratappur		Q10	23°52'28.40"N	87°19'30.50"E
						23°52'30.01"N	87°19'29.86"E

						23°52'29.75"N	87°19'28.15"E
						23°52'28.14"N	87°19'28.29"E
			Pratappur		Q11	23°52'28.05"N	87°19'27.19"E
						23°52'29.78"N	87°19'26.94"E
						23°52'30.25"N	87°19'25.03"E
						23°52'28.74"N	87°19'25.15"E
			Pratappur		Q12	23°52'37.68"N	87°19'22.69"E
						23°52'39.23"N	87°19'22.33"E
						23°52'39.17"N	87°19'20.60"E
						23°52'37.53"N	87°19'21.20"E
	Dubrajpur	Rasha	Geruapahari	10 Ha, Artificial regeneration	Q1	23°51'12.70"N	87° 7'51.46"E
						23°51'11.81"N	87° 7'52.77"E
						23°51'13.23"N	87° 7'53.90"E
						23°51'14.23"N	87° 7'52.41"E
					Q2	23°51'18.63"N	87° 7'52.32"E
						23°51'17.80"N	87° 7'53.76"E
						23°51'19.14"N	87° 7'54.66"E
						23°51'20.00"N	87° 7'53.23"E
	Dubrajpur	Khairasole	Purba Shivpur, Bandhagal	20 Ha, Artificial regeneration	Q1	23°51'11.33"N	87°14'55.50"E
						23°51'11.67"N	87°14'53.77"E
						23°51'13.22"N	87°14'53.79"E
						23°51'12.95"N	87°14'55.86"E
					Q2	23°51'11.72"N	87°14'58.27"E
						23°51'10.12"N	87°14'57.98"E
						23°51'10.38"N	87°14'56.22"E
						23°51'11.95"N	87°14'56.59"E
					Q3	23°51'20.15"N	87°15'6.30"E
						23°51'19.61"N	87°15'8.16"E
						23°51'18.12"N	87°15'7.42"E
						23°51'18.53"N	87°15'5.58"E

					Q4	23°51'21.38"N	87°15'3.92"E
						23°51'21.89"N	87°15'2.30"E
						23°51'23.47"N	87°15'2.50"E
						23°51'22.98"N	87°15'4.39"E
	Dubrajpur	Khairasole	Baghabandh	15 Ha, Artificial regeneration	Q1	23°48'24.37"N	87°17'2.51"E
						23°48'25.64"N	87°17'1.50"E
						23°48'24.94"N	87°17'0.13"E
						23°48'23.56"N	87°17'0.98"E
					Q2	23°48'22.92"N	87°17'1.56"E
						23°48'22.80"N	87°17'3.03"E
						23°48'21.24"N	87°17'1.54"E
						23°48'21.35"N	87°17'3.26"E
	Rajnagar Range	Aligarh Beat	Lauberia Mouja	48 ha, Artificial re	Q1	24° 1'14.12"N	87°20'11.11"E
						24° 1'14.35"N	87°20'9.40"E
						24° 1'16.02"N	87°20'9.64"E
						24° 1'15.81"N	87°20'11.52"E
					Q2	24° 1'14.02"N	87°20'8.45"E
						24° 1'13.54"N	87°20'6.77"E
						24° 1'15.14"N	87°20'6.28"E
						24° 1'15.62"N	87°20'7.98"E
					Q3	24° 1'13.90"N	87°20'3.41"E
						24° 1'14.25"N	87°20'1.61"E
						24° 1'15.78"N	87°20'2.05"E
						24° 1'15.50"N	87°20'3.89"E
					Q4	24° 1'14.43"N	87°20'0.94"E
						24° 1'14.82"N	87°19'59.27"E
						24° 1'16.41"N	87°19'59.46"E

						24° 1'16.04"N	87°20'1.25"E
					Q5	24° 1'14.85"N	87°19'59.06"E
						24° 1'15.30"N	87°19'57.36"E
						24° 1'16.80"N	87°19'57.72"E
						24° 1'16.40"N	87°19'59.30"E
					Q6	24° 1'16.71"N	87°19'49.73"E
						24° 1'17.61"N	87°19'47.96"E
						24° 1'19.11"N	87°19'48.68"E
						24° 1'18.49"N	87°19'50.42"E
					Q7	24° 1'17.79"N	87°19'47.82"E
						24° 1'18.89"N	87°19'46.60"E
						24° 1'20.14"N	87°19'47.33"E
						24° 1'19.36"N	87°19'48.61"E
					Q8	24° 1'19.77"N	87°19'45.73"E
						24° 1'20.51"N	87°19'44.17"E
						24° 1'22.11"N	87°19'44.56"E
						24° 1'21.40"N	87°19'46.11"E
					Q9	24° 1'20.96"N	87°19'43.86"E
						24° 1'21.81"N	87°19'42.56"E
						24° 1'23.38"N	87°19'42.87"E
						24° 1'22.73"N	87°19'44.26"E
					Q10	24° 1'21.86"N	87°19'42.40"E
						24° 1'22.49"N	87°19'40.67"E
						24° 1'24.04"N	87°19'40.86"E
						24° 1'23.46"N	87°19'42.60"E
	Rajnagar Range	Aligarh Beat	Kanmora Mouja	17 ha, Artificial re	Q1	23°59'24.80"N	87°23'17.90"E

						23°59'24.95"N	87°23'16.12"E
						23°59'23.06"N	87°23'16.06"E
						23°59'23.10"N	87°23'17.88"E
					Q2	23°59'23.98"N	87°23'18.17"E
						23°59'25.63"N	87°23'18.17"E
						23°59'25.74"N	87°23'20.15"E
						23°59'24.12"N	87°23'20.47"E
					Q3	23°59'25.95"N	87°23'17.95"E
						23°59'27.46"N	87°23'18.06"E
						23°59'26.91"N	87°23'16.36"E
						23°59'25.43"N	87°23'16.52"E
	Rajnagar Range	Aligarh Beat	Haripur Mouja	1st yr 5.6 ha	Q1	23°58'50.42"N	87°25'58.12"E
						23°58'50.08"N	87°25'59.82"E
						23°58'48.62"N	87°25'58.94"E
						23°58'49.04"N	87°25'57.45"E
	Dubrajpur	Dubrajpur	Andharboni	105 105 ha, Maintenance of seedling		23°47'0.96" N	87°23'18.6" E
	Dubrajpur	Hetampur	Andharboni	0.562 ha, Compensatory afforestation		23°47' 1.15"	87°23' 18.35"
Kharagpur Div	Kalaikunda	Kalaikunda	Arjuni	25 ha, 2nd yr maintenance	Q1	22°21'19.20"N	87°10'52.21"E
						22°21'20.45"N	87°10'52.82"E
						22°21'20.95"N	87°10'51.17"E
						22°21'19.72"N	87°10'50.57"E

					Q2	22°21'18.62"N	87°10'52.10"E
						22°21'19.31"N	87°10'53.75"E
						22°21'17.70"N	87°10'53.21"E
						22°21'17.13"N	87°10'51.51"E
					Q3	22°21'17.57"N	87°10'49.03"E
						22°21'16.06"N	87°10'48.47"E
						22°21'18.19"N	87°10'47.21"E
						22°21'16.68"N	87°10'46.51"E
					Q4	22°21'19.89"N	87°10'46.96"E
						22°21'18.35"N	87°10'46.24"E
						22°21'18.98"N	87°10'44.44"E
						22°21'20.54"N	87°10'45.18"E
					Q5	22°21'23.41"N	87°10'41.38"E
						22°21'21.92"N	87°10'40.53"E
						22°21'21.34"N	87°10'42.34"E
						22°21'22.86"N	87°10'43.11"E
	Hijli	Hijli	Ajodhyagarh	2 ha, 3 rd year maintenance	Q1	22°16'46.13"N	87°19'13.7"E
						22°16'46.51"N	87°19'15.16"E
						22°16'48.09"N	87°19'14.85"E
						22°16'47.73"N	87°19'13.21"E
	Kalaikunda	Sankrail	Susnigeria	22 ha		22°14'27.00"N	87° 7'44.00"E

Division	Range	Beat	Mouza/ Block/Comp	Plantation Size	Quadrant	Lat	Long
BTR EAST	South Raydak	South Raydak	Dhawla – 1	21, Compensatory Afforestation	Q1	26°36'1.01"N	89°43'28.49"E
						26°36'1.17"N	89°43'26.33"E
						26°35'59.45"N	89°43'26.26"E
						26°35'59.39"N	89°43'27.95"E
					Q2	26°36'2.35"N	89°43'28.27"E
						26°36'2.47"N	89°43'26.36"E
						26°36'3.96"N	89°43'26.65"E
						26°36'4.05"N	89°43'28.52"E
					Q3	26°36'5.26"N	89°43'26.90"E
						26°36'3.55"N	89°43'26.72"E
						26°36'3.74"N	89°43'24.82"E
						26°36'5.54"N	89°43'25.30"E
					Q4	26°36'4.14"N	89°43'22.85"E
						26°36'4.10"N	89°43'24.49"E
						26°36'2.57"N	89°43'24.17"E
						26°36'2.63"N	89°43'22.66"E
	South Raydak	South Raydak	Dhawla – 2	12, 1st yr maintenance	Q1	26°34'24.61"N	89°43'9.88"E
						26°34'23.15"N	89°43'9.48"E
						26°34'22.73"N	89°43'11.06"E
						26°34'24.42"N	89°43'11.17"E
					Q2	26°34'26.14"N	89°43'11.96"E
						26°34'27.58"N	89°43'12.04"E
						26°34'27.39"N	89°43'10.47"E
						26°34'26.12"N	89°43'10.24"E

					Q3	26°34'25.64"N	89°43'15.13"E
						26°34'25.51"N	89°43'16.57"E
						26°34'26.97"N	89°43'16.64"E
						26°34'27.03"N	89°43'15.44"E
BTR WEST	West Damanpur	West Garam	Poro-8	23 ha, 2nd year Maintenance	Q1	26°33'54.72"N	89°29'23.21"E
						26°33'54.95"N	89°29'21.31"E
						26°33'57.00"N	89°29'21.06"E
						26°33'56.85"N	89°29'23.09"E
					Q2	26°33'57.50"N	89°29'23.21"E
						26°33'57.53"N	89°29'20.80"E
						26°33'59.26"N	89°29'20.86"E
						26°33'59.09"N	89°29'23.06"E
					Q3	26°33'54.77"N	89°29'19.62"E
						26°33'54.84"N	89°29'17.81"E
						26°33'56.56"N	89°29'17.87"E
						26°33'56.45"N	89°29'19.75"E
					Q4	26°33'57.44"N	89°29'17.64"E
						26°33'57.37"N	89°29'19.47"E
						26°33'59.08"N	89°29'19.45"E
						26°33'59.09"N	89°29'17.59"E
					Q5	26°34'0.57"N	89°29'20.42"E
						26°34'1.59"N	89°29'18.84"E
						26°34'1.01"N	89°29'17.21"E
						26°33'59.93"N	89°29'18.70"E
		East Garam	DPO 6	23.5 ha, 2nd year	Q1	26°34'03.2"N	89°30'45.9"E
						26°34'3.93"N	89°30'47.44"E
						26°34'2.67"N	89°30'48.53"E
						26°34'1.88"N	89°30'46.93"E
					Q2	26°34'4.18"N	89°30'48.03"E

						26°34'4.85"N	89°30'49.58"E
						26°34'3.61"N	89°30'50.50"E
						26°34'2.92"N	89°30'49.00"E
					Q3	26°34'5.43"N	89°30'50.32"E
						26°34'6.43"N	89°30'52.12"E
						26°34'5.06"N	89°30'53.24"E
						26°34'4.31"N	89°30'51.45"E
					Q4	26°34'4.87"N	89°30'54.10"E
						26°34'3.63"N	89°30'55.18"E
						26°34'2.92"N	89°30'53.59"E
						26°34'4.05"N	89°30'52.18"E
					Q5	26°34'2.89"N	89°30'55.93"E
						26°34'1.37"N	89°30'57.60"E
						26°34'0.44"N	89°30'55.70"E
						26°34'1.87"N	89°30'53.78"E
	Nimati	East Nimati	Nimati-3	10 ha, 2nd year	Q1	26°38'7.03"N	89°27'30.58"E
						26°38'5.38"N	89°27'30.66"E
						26°38'5.45"N	89°27'32.76"E
						26°38'7.32"N	89°27'32.67"E
					Q2	26°38'4.01"N	89°27'30.71"E
						26°38'2.57"N	89°27'30.81"E
						26°38'2.57"N	89°27'32.58"E
						26°38'4.18"N	89°27'32.70"E
	WRVK	NRVK	SRVK-2	10 ha, 2nd yr	Q1	26°39'23.40"N	89°32'48.23"E
						26°39'21.78"N	89°32'48.44"E
						26°39'21.80"N	89°32'50.42"E
						26°39'23.62"N	89°32'50.22"E

					Q2	26°39'24.57"N	89°32'49.38"E
						26°39'26.36"N	89°32'49.43"E
						26°39'26.54"N	89°32'51.40"E
						26°39'24.59"N	89°32'51.10"E
Jaldapara WL	Chilapata	Mendabari	MB-1	15, Artificial regeneration	Q1	26°38'6.83"N	89°23'43.17"E
						26°38'8.49"N	89°23'43.30"E
						26°38'6.96"N	89°23'41.21"E
						26°38'8.53"N	89°23'41.50"E
					Q2	26°38'9.17"N	89°23'43.38"E
						26°38'9.19"N	89°23'41.76"E
						26°38'10.68"N	89°23'41.97"E
						26°38'10.70"N	89°23'43.70"E
					Q3	26°38'7.27"N	89°23'40.35"E
						26°38'8.92"N	89°23'40.59"E
						26°38'8.95"N	89°23'38.91"E
						26°38'7.36"N	89°23'38.89"E
		Bania	BN 4	19 ha, Artificial regeneration	Q1	26°35'33.28"N	89°24'30.66"E
						26°35'32.82"N	89°24'27.32"E
						26°35'29.90"N	89°24'28.91"E
						26°35'30.04"N	89°24'31.70"E
					Q2	26°35'29.69"N	89°24'32.22"E
						26°35'28.88"N	89°24'29.27"E
						26°35'27.01"N	89°24'30.02"E
						26°35'27.00"N	89°24'33.05"E

					Q3	26°35'30.59"N	89°24'27.00"E
						26°35'30.34"N	89°24'24.80"E
						26°35'28.22"N	89°24'24.77"E
						26°35'28.05"N	89°24'27.77"E
					Q4	26°35'35.31"N	89°24'19.12"E
						26°35'34.72"N	89°24'15.72"E
						26°35'31.41"N	89°24'16.29"E
						26°35'32.19"N	89°24'19.37"E
		Chilapata	BN 7	11 ha, Artificial regeneration	Q1	26°33'6.02"N	89°22'20.10"E
						26°33'6.23"N	89°22'18.73"E
						26°33'7.71"N	89°22'18.23"E
						26°33'7.58"N	89°22'21.00"E
					Q2	26°33'7.46"N	89°22'21.32"E
						26°33'7.35"N	89°22'23.20"E
						26°33'8.72"N	89°22'23.63"E
						26°33'8.93"N	89°22'22.06"E
	Jaldapara West	Hollong	JP 5	20 ha, 1st yr maintenance	Q1	26°39'24.76"N	89°18'15.37"E
						26°39'23.58"N	89°18'14.12"E
						26°39'24.10"N	89°18'12.20"E
						26°39'25.22"N	89°18'13.58"E
					Q2	26°39'25.80"N	89°18'9.94"E
						26°39'24.35"N	89°18'8.99"E
						26°39'24.75"N	89°18'7.18"E
						26°39'26.20"N	89°18'8.11"E
					Q3	26°39'28.08"N	89°18'2.05"E
						26°39'27.52"N	89°18'3.82"E

						26°39'26.02"N	89°18'2.77"E
						26°39'26.67"N	89°18'1.06"E
					Q4	26°39'18.76"N	89°17'54.49"E
						26°39'17.92"N	89°17'56.08"E
						26°39'16.72"N	89°17'54.81"E
						26°39'17.62"N	89°17'53.42"E
	South	Salkumar	SK-4	5, 1st yr maintenance	Q1	26°32'45.29"N	89°18'30.33"E
						26°32'43.87"N	89°18'31.35"E
						26°32'44.58"N	89°18'33.06"E
						26°32'45.94"N	89°18'32.00"E
Coach behar	Pundibari Range	Pundibari Range HQ	Chhat Singhimari	1.564 ha, 1st year maintenance of older plantation	Q1	26°29'34.90"N	89°21'36.90"E
						26°29'34.22"N	89°21'34.22"E
						26°29'33.35"N	89°21'36.32"E
						26°29'35.74"N	89°21'35.57"E
Jalpaiguri	Diana	Carron	North Diana Block	8.062 ha, Creation of miscellaneous plantation	Q1	26°53'33.82"N	89° 3'35.35"E
						26°53'35.23"N	89° 3'34.62"E
						26°53'35.91"N	89° 3'36.25"E
						26°53'34.39"N	89° 3'37.15"E
					Q2	26°53'34.60"N	89° 3'37.94"E
						26°53'36.09"N	89° 3'37.22"E
						26°53'36.87"N	89° 3'39.02"E

						26°53'35.20"N	89° 3'39.89"E
	Diana	Khairakata	Central Diana Block	2 ha, 3rd year maintenance of older plantation	Q1	26°48'21.4"N	89°54'33.1"E
Gorumara WL	Gorumara South	Budhram	Borohati-3	6 ha, Compensatory Afforestation	Q1	26°44'19.67"N	88°50'25.87"E
						26°44'19.87"N	88°50'24.07"E
						26°44'18.27"N	88°50'23.75"E
						26°44'18.06"N	88°50'25.48"E
		Dhupjhora	Dhupjhora-1B	12 ha, Compensatory Afforestation	Q1	26°48'50.12"N	88°49'58.76"E
						26°48'50.21"N	88°50'0.62"E
						26°48'48.62"N	88°50'0.89"E
						26°48'48.44"N	88°49'59.07"E
					Q2	26°48'45.01"N	88°49'57.76"E
						26°48'43.65"N	88°49'56.76"E
						26°48'44.45"N	88°49'54.94"E
						26°48'45.99"N	88°49'55.89"E
		Gorumara	Dhupjhora-1A	2 ha, Compensatory Afforestation	Q1	26°47'25.44"N	88°51'22.43"E
						26°47'27.04"N	88°51'21.78"E
						26°47'26.52"N	88°51'20.09"E
						26°47'24.84"N	88°51'20.73"E

	Gorumara North	Murti	Bogolmardi-I	10 ha, Compensatory Afforestation	Q1	26°49'38.17"N	88°49'50.29"E
						26°49'39.45"N	88°49'51.50"E
						26°49'37.17"N	88°49'52.08"E
						26°49'38.40"N	88°49'53.39"E
					Q2	26°49'48.75"N	88°49'55.34"E
						26°49'47.06"N	88°49'54.57"E
						26°49'46.69"N	88°49'56.44"E
						26°49'48.47"N	88°49'57.47"E
		Chapramari	Chapramari-2	10 ha, Compensatory Afforestation	Q1	26°54'32.43"N	88°50'15.14"E
						26°54'32.25"N	88°50'16.94"E
						26°54'30.71"N	88°50'16.18"E
						26°54'30.83"N	88°50'14.37"E
					Q2	26°54'34.79"N	88°50'17.89"E
						26°54'36.40"N	88°50'18.72"E
						26°54'37.02"N	88°50'17.02"E
						26°54'35.46"N	88°50'16.19"E
	Gorumara North	Murti	Kakorjhora-2	10 ha, 1st yr Maintenance	Q1	26°50'25.77"N	88°51'38.23"E
						26°50'27.24"N	88°51'39.23"E
						26°50'28.41"N	88°51'37.86"E
						26°50'26.90"N	88°51'36.80"E
					Q2	26°50'30.72"N	88°51'41.40"E
						26°50'32.31"N	88°51'42.10"E
						26°50'32.83"N	88°51'40.46"E
						26°50'31.26"N	88°51'39.82"E

Baikunthapur	Targhera	Gajoldoba	Purba Tatgaon	30 ha, Advance work		26°51'37.02"N	88°30'17.80"E
Silvi North	Buxa-Cooch Behar Research	NA	Damanpur 6	4 ha, Creation	Q1	26°34'6.79"N	89°31'49.30"E
						26°34'5.12"N	89°31'49.33"E
						26°34'5.57"N	89°31'48.04"E
						26°34'6.97"N	89°31'47.35"E
	Jalpaiguri Reseach Range	NA	Sursuti 3	8 ha, Creation	Q1	26°45'27.05"N	88°45'46.22"E
						26°45'27.97"N	88°45'47.66"E
						26°45'29.75"N	88°45'47.90"E
						26°45'28.64"N	88°45'46.37"E
					Q2	26°45'31.14"N	88°45'51.97"E
						26°45'31.15"N	88°45'50.29"E
						26°45'32.77"N	88°45'50.54"E
						26°45'32.57"N	88°45'52.17"E
	Salugarah Lab		Daabgram 9	4 ha, Creation	Q1	26°45'31.37"N	88°27'38.81"E
						26°45'30.91"N	88°27'37.04"E
						26°45'29.38"N	88°27'37.55"E
						26°45'29.82"N	88°27'39.42"E
Kurseong Div	Sevok	Berrick	Kandung	11.5 ha +0.56,,Compensatory afforestation	Q1	26°56'35.00"N	88°25'42.84"E
						26°56'36.46"N	88°25'42.09"E
						26°56'37.69"N	88°25'43.20"E
						26°56'35.49"N	88°25'44.57"E
					Q2	26°56'40.18"N	88°25'38.39"E

						26°56'39.35"N	88°25'39.83"E
						26°56'40.41"N	88°25'40.88"E
						26°56'41.59"N	88°25'39.65"E
		Kalijhora	Setikhola	5.04 ha	Q1	26°55'44.09"N	88°25'24.08"E
						26°55'44.80"N	88°25'23.41"E
						26°55'45.42"N	88°25'23.84"E
						26°55'44.60"N	88°25'24.88"E
Kurseong Soil Conservation	Upper Teesta Catchment Range	Teesta	Mangwa-1 , TLDP 3	0.5 Ha, Creation of Bamboo and slip plantation	Q1	27° 3'39.76"N	88°25'23.95"E
						27° 3'41.10"N	88°25'24.55"E
						27° 3'39.38"N	88°25'25.33"E
						27° 3'40.97"N	88°25'25.70"E
		Kalijhora	Setikhola	2 ha, Creation of Bamboo	Q1	26°55'44.28"N	88°25'41.69"E
						26°55'44.53"N	88°25'43.59"E
						26°55'46.13"N	88°25'43.64"E
						26°55'46.01"N	88°25'41.54"E
Darjeeling Territory	Ghum Simana	Pugriabong	Pugriabong 4	19 ha, 1st yr maintenance	Q1	26°57'43.36"N	88° 9'52.24"E
						26°57'42.46"N	88° 9'51.08"E
						26°57'43.85"N	88° 9'50.31"E
						26°57'44.77"N	88° 9'51.58"E
					Q2	26°57'41.09"N	88° 9'53.37"E
						26°57'39.53"N	88° 9'53.73"E
						26°57'38.85"N	88° 9'52.31"E
						26°57'40.36"N	88° 9'51.88"E
					Q3	26°57'51.48"N	88° 9'49.68"E
						26°57'52.52"N	88° 9'50.02"E

						26°57'52.07"N	88° 9'51.00"E
						26°57'50.76"N	88° 9'50.24"E
					Q4	26°57'49.47"N	88° 9'51.64"E
	Ghum Simana	Pugriabong	Pugriabong 5	1.84 ha, 3rd yr maintenance	Q1	26°57'49.91"N	88°10'22.34"E
						26°57'49.66"N	88°10'21.06"E
						26°57'48.30"N	88°10'21.08"E
						26°57'48.43"N	88°10'22.63"E
		Sukhia Pokhri	Pulungdung-2	0.04 ha, 3rd yr	Q1	27° 0'0.34"N	88° 9'14.65"E
	Teesta Valley	Geil	Geil-2	15.19 ha	Q1	27° 0'45.25"N	88°25'29.68"E
						27° 0'45.76"N	88°25'28.25"E
						27° 0'44.30"N	88°25'27.77"E
						27° 0'43.77"N	88°25'28.85"E
					Q2	27° 0'43.61"N	88°25'30.03"E
						27° 0'43.14"N	88°25'28.25"E
						27° 0'41.50"N	88°25'28.87"E
						27° 0'42.12"N	88°25'30.11"E
					Q3	27° 0'41.29"N	88°25'28.67"E
						27° 0'42.35"N	88°25'28.38"E
						27° 0'42.08"N	88°25'26.65"E
						27° 0'40.77"N	88°25'27.57"E
	Rimbik	Ramam	Ramam-5	30 ha, Advance work		27°08' 53.76"N	88°03'50.38"E
		North Rimbick	Sandakphu-1	20 ha, 1st yr maintence		27°07' 35.88"N	88°02'59.57"E
		Ramam	Ramam-6	20 ha, 1st yr maintence		27°08' 04.71"N	88°08'10.36"E
			Ramam-3	20 ha, 5th yr maintenance		27° 9' 21.93"N	88°5' 15.21"E

	Tonglu	Maneybhanjang	Comp. LR-8	8 ha, advance work		26°59' 43.34"N	88°06'73.00"E
			Comp. LR-9	1.2 ha, 1st yr maintenance		27°00'18.97"N	88°06'04.61"E
	Teesta Valley	Peshok	Mangwa-1	0.64 ha, 1st yr maintenance		27°02'0.85"N	88°25'21.0"E
		Peshok	Mangwa-1	3.29 ha, 5th yr maintenance		27° 3'26.39"N	88°25'3.18"E
		Peshok	Mangwa-1	3.41 ha, 5th yr maintenance		27° 3'40.80"N	88°11'47.69"E
Silviculture Hill Division	Kalimpong Upper Hill Research Range	NA	Kolbong Block (comp.-1b)	1.30 ha 3 ha, Creation, Buk Plantation	Q1	27° 5'55.19"N	88°39'9.07"E
			Lava Block (comp.-1)	2.10 ha of 3 ha, Creation, Pipli Plantation	Q2	27° 5'24.21"N	88°39'11.88"E
	Hill Research Range – II	NA	Senchal Catchment Area	3 ha, Creation	Q1	26°57'48.43"N	88°17'17.74"E
						26°57'47.94"N	88°17'16.66"E
	Kurseong Research Range	NA	Sukna	3.046 ha, Creation	Q1	28°33'39.30"N	77°12'4.91"E
Kalimpong Division	Chel	Yangamkum	Yamgamkum	6 ha, Compensatory Afforestation creation	Q1	26°56'32.91"N	88°29'24.97"E
						26°56'32.16"N	88°29'25.04"E

				3.5 ha, Compensatory Afforestation creation	Q2	26°56'3.57"N	88°29'7.98"E
						26°56'3.26"N	88°29'9.56"E
	Neora	Gurubathan	Sailee resume land	2.6 ha, 1st yr maintenance	Q1	26°54'23.60"N	88°40'45.75"E
						26°54'25.04"N	88°40'45.48"E
						26°54'25.32"N	88°40'47.21"E
						26°54'24.10"N	88°40'47.48"E
	Kalimpong Range	Tarkhola	Mangchu-2	1.387 Ha, 1st yr maintenance	Q1	27° 9'8.66"N	88°32'7.58"E
						27° 9'8.67"N	88°32'6.72"E
						27° 9'8.09"N	88°32'7.88"E
						27° 9'7.68"N	88°32'6.94"E
			Bhalukhop-6	1.712 Ha, 1st yr maintenance	Q2	27° 6'37.11"N	88°28'27.34"E
						27° 6'35.54"N	88°28'26.70"E
						27° 6'34.60"N	88°28'27.95"E
						27° 6'36.28"N	88°28'29.05"E
	Jaldhaka	Khumani	Khumani-2	1.4 ha, 1st yr maintenance	Q1	27° 0'11.16"N	88°51'33.44"E
						27° 0'9.46"N	88°51'33.65"E
						27° 0'9.67"N	88°51'35.41"E
						27° 0'11.30"N	88°51'35.17"E
	Pankhasari	Algarah	Mairung-2	3.84 ha, 1st yr maintenance	Q1	27° 6'27.00"N	88°35'45.44"E

	Kalimpong	Rinkingpong	Rinkingpong-4	2 ha, Compensatory Afforestation: creation work	Q1	27° 0' 6.08" N	88° 27' 4.78"E
	Kalimpong	Rinkingpong	Rinkingpong-4	45.65 ha, Compensatory Afforestation: advance work		26°56'3"N	88°27'0"E
	Neora	Gurubathan	MAL-11			26°57'12.3"N	88°42'6.4"E
	Chel	Yamgamkum	Khasmal	9.5 ha, Compensatory Afforestation: advance work		26°53'22.67"N	88°34'8.92"E
	Kalimpong	Rinkingpong	Rinkingpong-4	2 ha, Compensatory Afforestation: advance work		26°56'3"N	88°27'0"E

ANNEXURE 4

RAW DATA

Division - Purulia	Purulia	Area	Survival %
Range	Jhalda		98.06
Beat	Kalma		
Mouja / Block / Compartment	Ichahatu	25.97 Ha	Maintenance

Sample Plot 1

Row No.	Survived	Dead	Total
1	20	0	20
2	20	1	21
3	21	0	21
4	21	0	21
5	21	0	21
6	21	0	21
7	18	0	18
8	19	2	21
9	20	1	21
10	20	1	21
11	20	1	21
12	20	1	21
13	20	1	21
14	22	1	23
15	21	0	21
16	17	4	21
17	21	0	21
18	20	1	21
19	20	1	21
20	21	0	21
21	21	0	21

Sample Plot 2

Row No.	Survived		Total
1	21	0	21
2	21	0	21
3	21	0	21
4	21	0	21
5	21	0	21
6	21	0	21
7	21	0	21
8	21	0	21
9	20	1	21
10	21	0	21
11	21	0	21
12	21	0	21
13	21	0	21

14	21	0	21
15	21	0	21
16	21	0	21
17	21	0	21
18	21	0	21
19	21	0	21
20	22	0	22
21	19	2	21

Sample Plot 3

Row No.	Survived		Total
1	21	0	21
2	20	1	21
3	20	1	21
4	21	0	21
5	21	0	21
6	20	1	21
7	21	0	21
8	19	2	21
9	19	0	19
10	21	0	21
11	20	1	21
12	20	0	20
13	21	0	21
14	21	0	21
15	20	1	20
16	22	0	22
17	21	0	21
18	21	0	21
19	21	0	21
20	22	0	22
21	24	0	24

Sample Plot 4

Row No.	Survived		Total
1	20	1	21
2	21	0	21
3	22	0	22
4	22	0	22
5	21	0	21
6	18	3	21
7	21	0	21
8	21	0	21
9	20	1	21
10	20	1	21

11	20	1	22
12	19	2	21
13	19	2	21
14	21	0	21
15	21	0	21
16	21	0	21
17	20	1	21
18	19	2	21
19	19	2	21
20	21	0	21
21	19	2	21

Sample Plot 5

Row No.	Survived		Total
1	20	1	21
2	21	0	21
3	21	0	21
4	21	0	21
5	20	1	21
6	21	0	21
7	20	1	21
8	20	0	21
9	22	0	21
10	22	0	21
11	20	1	21
12	19	2	21
13	19	2	21
14	21	0	21
15	19	0	21
16	21	0	21
17	19	2	21
18	21	0	21
19	21	0	21
20	21	0	21
21	21	0	21

Sample Plot 6

Row No.	Survived		Total
1	20	1	21
2	20	1	22
3	21	0	21
4	21	0	21
5	21	0	21
6	21	0	21
7	21	0	20

8	21	0	21
9	21	0	22
10	21	0	22
11	20	1	21
12	21	0	21
13	20	1	21
14	21	0	21
15	20	1	19
16	20	1	20
17	20	1	21
18	21	0	21
19	21	0	20
20	21	0	21
21	20	1	21

Division - Purulia	Purulia	Area	Survival %
Range	Kotshila		87.52
Beat	Murguma		
Mouja / Block / Compartment	Jaharhatu	5 Ha	Creation

Sample Plot 1

Row No.	Survived	Dead	Total
1	18	3	21
2	17	4	21
3	16	5	21
4	18	3	21
5	20	1	21
6	20	1	21
7	19	2	21
8	19	2	21
9	17	4	21
10	19	2	21
11	18	3	21
12	18	3	21
13	16	5	21
14	17	4	21
15	19	2	21
16	20	1	21
17	19	2	21
18	19	2	21
19	20	1	21
20	18	3	21
21	19	2	21

Division	Kangshabati South	Area	Survival %
Range	Jamuna		90.48
Beat	Nanna		
Mouja / Block / Compartment	Harada	5 Ha	Creation

Sample Plot 1

Row No.	Survived	Dead	Total
1	19	2	21
2	19	1	21
3	20	1	21
4	19	2	21
5	19	2	21
6	7	4	21
7	20	1	21
8	18	3	21
9	19	2	21
10	19	2	21
11	19	2	21
12	19	1	21
13	18	1	21
14	19	2	21
15	19	2	21
16	20	1	21
17	17	3	21
18	17	4	21
19	19	2	21
20	18	3	21
21	20	1	21
Division	Kangshabati South	Area	Survival %
Range	Bandwan 1		94.56
Beat	Bandwan		
Mouja / Block / Compartment	Ghagra	3 Ha	Creation
Sample Plot 1			
Row No.	Survived	Dead	Total
1	21	0	21
2	21	0	21
3	18	3	21
4	19	2	21
5	21	0	21
6	21	0	21

7	18	3	21
8	20	1	21
9	18	3	21
10	18	3	21
11	20	1	21
12	21	0	21
13	21	0	21
14	19	2	21
15	21	0	21
16	21	0	21
17	19	2	21
18	21	0	21
19	21	0	21
20	20	1	21
21	18	3	21

Division	Kangshabati South	Area	Survival %
Range	Bandwan 1		74.83
Beat	Pargora		
Mouja / Block / Compartment	Patkita	2 Ha	Creation

Sample Plot 1

Row No.	Survived	Dead	Total
1	19	2	21
2	13	8	21
3	16	5	21
4	15	6	21
5	15	6	21
6	14	7	21
7	12	9	21
8	15	6	21
9	17	7	21
10	18	3	21
11	17	4	21
12	16	5	21
13	17	4	21
14	16	5	21
15	14	7	21
16	13	8	21
17	19	2	21
18	18	3	21
19	19	2	21

20	15	6	21
21	16	5	21

Division	Kangshabati South	Area	Survival %
Range	Jamuna		93.88
Beat	Kuilapal		
Mouja / Block / Compartment	Hargora	3 Ha	Creation

Sample Plot 1

Row No.	Survived	Dead	Total
1	18	3	21
2	20	1	21
3	21	0	21
4	20	1	21
5	18	3	21
6	20	1	21
7	18	3	21
8	19	2	21
9	17	4	21
10	21	0	21
11	20	1	21
12	20	1	21
13	21	0	21
14	21	0	21
15	20	1	21
16	21	0	21
17	20	1	21
18	21	0	21
19	20	1	21
20	20	1	21
21	21	0	21

Division	Kangshabati South	Area	Survival %
Range	Manbazar 1		97.5
Beat	Sindurpur		
Mouja / Block / Compartment	Majhihira, Janara	10.17 Ha	Creation

Sample Plot 1

Row No.	Survived	Dead	Total
1	21	0	21

2	21	0	21
3	21	0	21
4	21	0	21
5	21	0	21
6	21	0	21
7	21	0	21
8	20	1	21
9	21	0	21
10	21	0	21
11	21	0	21
12	21	0	21
13	21	0	21
14	20	1	21
15	21	0	21
16	20	1	21
17	20	1	21
18	21	0	21
19	21	0	21
20	21	0	21
21	21	0	21

Division	Kangshabati North	Area	Survival %
Range	Kasipur		85.4
Beat	Sonathali		
Mouja / Block / Compartment	Lajhna	2.5 Ha	Creation

Sample Plot 1

Row No.	Survived	Dead	Total
1	20	1	21
2	18	3	21
3	18	3	21
4	17	4	21
5	17	4	21
6	18	3	21
7	19	2	21
8	19	2	21
9	19	2	21
10	17	4	21
11	18	3	21
12	18	3	21
13	17	4	21

14	20	1	21
15	18	3	21
16	16	5	21
17	19	2	21
18	18	4	21
19	19	2	21
20	16	5	21
21	17	4	21

Division	Kangshabati North	Area	Survival %
Range	Kasipur		85.94
Beat	Sonathali		
Mouja / Block / Compartment	Ranjandi	2 Ha	Creation

Sample Plot 1

Row No.	Survived	Dead	Total
1	19	2	21
2	18	3	21
3	18	3	21
4	20	1	21
5	16	5	21
6	17	4	21
7	20	1	21
8	18	3	21
9	17	4	21
10	18	3	21
11	19	2	21
12	17	4	21
13	18	3	21
14	16	5	21
15	16	5	21
16	17	4	21
17	19	2	21
18	20	1	21
19	21	0	21
20	15	6	21
21	20	1	21

Division	Kangshabati North	Area	Survival %
Range	Kasipur		85.94
Beat	Sonathali		
Mouja / Block / Compartment	Kustore	2.5 Ha	Ceation

Sample Plot 1

Row No.	Survived	Dead	Total
1	19	2	21
2	18	3	21
3	19	2	21
4	20	1	21
5	19	2	21
6	17	4	21
7	18	3	21
8	19	2	21
9	16	5	21
10	19	2	21
11	17	4	21
12	19	2	21
13	17	4	21
14	18	3	21
15	18	3	21
16	19	2	21
17	18	3	21
18	16	5	21
19	18	3	21
20	18	3	21
21	17	4	21

Division	Kangshabati North	Area	Survival %
Range	Kasipur		85.71
Beat	Gourangdi		
Mouja / Block / Compartment	Sumaidi	2 Ha	Creation

Sample Plot 1

Row No.	Survived	Dead	Total
1	20	1	21
2	18	3	21
3	18	3	21

4	18	3	21
5	19	2	21
6	18	3	21
7	18	3	21
8	18	3	21
9	19	2	21
10	18	3	21
11	17	4	21
12	19	2	21
13	20	1	21
14	16	5	21
15	17	4	21
16	16	5	21
17	17	4	21
18	19	2	21
19	19	2	21
20	16	5	21
21	18	3	21

Division	Kangshabati North	Area	Survival %
Range	Hura		82.32
Beat	Keshargarh		
Mouja / Block / Compartment	Chorgali,Kaitardih	9.5 Ha	Creation

Sample Plot 1

Row No.	Survived	Dead	Total
1	17	4	21
2	18	3	21
3	19	2	21
4	16	5	21
5	18	3	21
6	19	2	21
7	18	3	21
8	17	4	21
9	16	5	21
10	15	6	21
11	17	4	21
12	16	5	21
13	19	2	21
14	14	7	21
15	16	5	21

16	16	5	21
17	16	5	21
18	18	3	21
19	18	3	21
20	18	3	21
21	20	1	21

Sample Plot 2

Row No.	Survived	Dead	Total
1	16	5	21
2	17	4	21
3	17	4	21
4	20	1	21
5	19	2	21
6	19	2	21
7	19	2	21
8	15	6	21
9	16	5	21
10	17	4	21
11	20	1	21
12	18	3	21
13	19	2	21
14	16	5	21
15	17	4	21
16	17	4	21
17	15	6	21
18	15	6	21
19	18	3	21
20	20	1	21
21	16	5	21

Division	Kangshabati North	Area	Survival %
Range	Punha		68.25
Beat	Puncha		
Mouja / Block / Compartment	Chatalalpur	2 Ha	Creation

Sample Plot 1

Row No.	Survived	Dead	Total
---------	----------	------	-------

1	12	9	21
2	12	9	21
3	16	5	21
4	15	6	21
5	13	8	19
6	15	6	21
7	16	5	21
8	15	6	21
9	14	7	21
10	16	5	21
11	13	7	20
12	15	6	21
13	14	7	21
14	16	5	21
15	15	6	21
16	16	5	21
17	13	8	21
18	12	9	21
19	14	7	21
20	14	7	21
21	14	7	21
Division	Kangshabati North	Area	Survival %
Range	Raghunathpur		96.59
Beat	Neturia		
Mouja / Block / Compartment	Maharajnagar	4 Ha	Maintenance
Sample Plot 1			
Row No.	Survived	Dead	Total
1	21	0	21
2	19	2	21
3	20	1	21
4	21	0	21
5	21	0	21
6	21	0	21
7	20	1	21
8	21	0	21
9	21	0	21
10	20	1	21
11	20	1	21
12	20	1	21
13	21	0	21
14	21	0	21
15	19	2	21

16	20	1	21
17	19	2	21
18	19	2	21
19	21	0	21
20	20	1	21
21	21	0	21

Division	Kangshabati North	Area	Survival %
Range	Raghunathpur		91.83
Beat	Santuri		
Mouja / Block / Compartment	Santuri	2 Ha	Creation

Sample Plot 1

Row No.	Survived	Dead	Total
1	17	4	21
2	19	2	21
3	19	2	21
4	20	1	21
5	18	3	21
6	18	3	21
7	18	3	21
8	21	0	21
9	20	1	21
10	21	0	21
11	17	4	21
12	21	0	21
13	18	3	21
14	21	0	21
15	19	2	21
16	20	1	21
17	21	0	21
18	17	4	21
19	20	1	21
20	21	0	21
21	19	2	21

Division	Kangshabati North	Area	Survival %
Range	Raghunathpur		93.47
Beat	Dandua		
Mouja / Block / Compartment	Murabag	3 Ha	Maintenance

Sample Plot 1

Row No.	Survived	Dead	Total
1	21	0	21
2	21	0	21
3	20	1	21
4	20	1	21
5	21	0	21
6	20	1	21
7	20	1	21
8	20	1	21
9	19	2	21
10	21	0	21
19	17	2	21
12	19	2	21
13	18	3	21
14	20	1	21
15	20	1	21
16	20	1	21
17	20	1	21
18	19	2	21
19	18	3	21
20	18	3	21
21	18	3	21

Division	Kangshabati North	Area	Survival %
Range	Hura		82.53
Beat	Hura		
Mouja / Block / Compartment	Ledad	3 Ha	Creation

Sample Plot 1

Row No.	Survived	Dead	Total
1	17	4	21
2	18	3	21
3	17	4	21

4	16	5	21
5	17	4	21
6	18	3	21
7	16	5	21
8	18	3	21
9	19	2	21
10	20	1	21
11	20	1	21
12	15	6	21
13	16	5	21
14	18	3	21
15	14	7	21
16	18	3	21
17	18	3	21
18	17	4	21
19	18	3	21
20	18	3	21
21	16	5	21

Division	Kangshabati North	Area	Survival %
Range	Raghunathpur		93.87
Beat	Neturia		
Mouja / Block / Compartment	Saltore	5 Ha	Ceation

Sample Plot 1

Row No.	Survived	Dead	Total
1	20	1	21
2	20	1	21
3	20	1	21
4	20	1	21
5	19	2	21
6	20	1	21
7	20	1	21
8	20	1	21
9	18	3	21
10	18	3	21
11	20	1	21
12	20	1	21
13	21	0	21
14	18	3	21
15	19	2	21

16	21	0	21
17	21	0	21
18	19	2	21
19	19	2	21
20	20	1	21
21	21	0	21

Division	Silviculture South	Area	Survival %
Range	Ranibandh		100
Beat	Hatirampur		
Mouja / Block / Compartment	Dhyangatand	5 Ha	Creation

Sampe Plot - 1

Row No.	Survived	Dead	Total
1	21	0	21
2	21	0	21
3	21	0	21
4	21	0	21
5	21	0	21
6	21	0	21
7	21	0	21
8	21	0	21
9	21	0	21
10	21	0	21
11	21	0	21
12	21	0	21
13	21	0	21
14	21	0	21
15	21	0	21
16	21	0	21
17	21	0	21
18	21	0	21
19	21	0	21
20	21	0	21
21	21	0	21

Division	Silviculture South	Area	Survival %
Range	Beliatore		97.73
Beat	Beliatore		
Mouja / Block / Compartment	Damodarpur	5 Ha	Creation

Sampe Plot - 1

Row No.	Survived	Dead	Total
1	20	1	21
2	20	1	21
3	21	0	21
4	21	0	21
5	21	0	21
6	20	1	21
7	20	1	21
8	20	1	21
9	21	0	21
10	21	0	21
11	21	0	21
12	21	0	21
13	21	0	21
14	21	0	21
15	20	1	21
16	21	0	21
17	20	1	21
18	20	1	21
19	20	1	21
20	20	1	21
21	21	0	21

Division	Silviculture South	Area	Survival %
Range	Arabari		76.42
Beat			
Mouja / Block / Compartment	Ghagra	5 Ha	Creation

Sampe Plot - 1

Row No.	Survived	Dead	Total
1	13	8	21
2	19	2	21
3	16	5	21

4	16	5	21
5	17	4	21
6	17	4	21
7	14	7	21
8	16	5	21
9	16	5	21
10	16	5	21
11	17	4	21
12	15	6	21
13	17	4	21
14	18	3	21
15	18	3	21
16	14	7	21
17	18	3	21
18	15	6	21
19	11	10	21
20	13	8	21

Division	Silviculture South	Area	Survival %
Range	Jhargram		99.32
Beat			
Mouja / Block / Compartment	Amlachoti	5 Ha	Creation

Sampe Plot - 1

Row No.	Survived	Dead	Total
1	20	1	21
2	21	0	21
3	21	0	21
4	21	0	21
5	21	0	21
6	21	0	21
7	21	0	21
8	21	0	21
9	21	0	21
10	21	0	21
11	21	0	21
12	20	1	21
13	21	0	21
14	21	0	21
15	21	0	21
16	21	0	21

17	21	0	21
18	20	1	21
19	21	0	21
20	21	0	21
21	21	0	21

Division	Silviculture South	Area	Survival %
Range	Purulia		92.29
Beat			
Mouja / Block / Compartment	Lakhanpur	5 Ha	Creation

Sampe Plot - 1

Row No.	Survived	Dead	Total
1	18	2	21
2	19	2	21
3	18	3	21
4	21	0	21
5	20	1	21
6	21	1	21
7	19	2	21
8	20	1	21
9	20	0	21
10	20	1	21
11	19	2	21
12	17	3	21
13	21	0	21
14	18	3	21
15	21	2	21
16	20	1	21
17	18	3	21
18	19	2	21
19	20	1	21
20	18	3	21
21	20	1	21

Division	Jhargram	Area	Survival %
Range	Jamboni		97.28
Beat	Bhaluka		
Mouja / Block / Compartment	Khasjongol	11.03	Maintenance

Sampe Plot - 1

Row No.	Survived	Dead	Total
1	20	1	21
2	21	0	21
3	21	0	21
4	21	0	21
5	21	0	21
6	20	1	21
7	21	0	21
8	21	0	21
9	21	0	21
10	20	1	21
11	21	0	21
12	21	0	21
13	21	0	21
14	21	0	21
15	21	0	21
16	21	0	21
17	21	0	21
18	21	0	21
19	21	0	21
20	21	0	21
21	19	2	21

Sampe Plot - 2

Row No.	Survived	Dead	Total
1	21	0	21
2	21	0	21
3	20	1	21
4	18	3	21
5	21	0	21
6	19	2	21
7	19	2	21
8	18	3	21
9	17	4	21
10	19	2	21
11	20	1	21

12	20	1	21
13	20	1	21
14	21	0	21
15	21	0	21
16	21	0	21
17	20	1	21
18	21	0	21
19	21	0	21
20	21	0	21
21	21	0	21

Sampe Plot - 3

Row No.	Survived	Dead	Total
1	20	1	21
2	20	1	21
3	18	3	21
4	21	0	21
5	21	0	21
6	21	0	21
7	19	2	21
8	21	0	21
9	21	0	21
10	21	0	21
11	21	0	21
12	20	1	21
13	19	2	21
14	21	0	21
15	21	0	21
16	21	0	21
17	21	0	21
18	21	0	21
19	21	0	21
20	21	0	21
21	21	0	21

Division	Jhargram	Area	Survival %
Range	Porihati		80.5
Beat	Ergoda		
Mouja / Block / Compartment	Guiara	15.7 Ha	Maintenance

Sampe Plot - 1

Row No.	Survived	Dead	Total
1	0	3	21
2	0	5	21
3	0	5	21
4	0	7	21
5	0	4	21
6	0	3	21
7	0	3	21
8	0	2	21
9	0	2	21
10	0	2	21
11	0	2	21
12	0	2	21
13	0	3	21
14	0	7	21
15	0	4	21
16	0	4	21
17	0	2	21
18	0	6	21
19	0	6	21
20	0	8	21
21	0	6	21

Sampe Plot - 2

Row No.	Survived	Dead	Total
1	0	3	21
2	0	3	21
3	0	3	21
4	0	1	21
5	0	6	21
6	0	4	21
7	0	5	21
8	0	5	21
9	0	6	21
10	0	7	21

11	0	7	21
12	0	2	21
13	0	3	21
14	0	2	21
15	0	3	21
16	0	4	21
17	0	4	21
18	0	2	21
19	0	3	21
20	0	7	21
21	0	2	21

Sampe Plot - 3

Row No.	Survived	Dead	Total
1	0	7	21
2	0	6	21
3	0	7	21
4	0	5	21
5	0	5	21
6	0	6	21
7	0	4	21
8	0	4	21
9	0	6	21
10	0	8	21
11	0	8	21
12	0	4	21
13	0	4	21
14	0	2	21
15	0	4	21
16	0	3	21
17	0	3	21
18	0	4	21
19	0	2	21
20	0	2	21
21	0	1	21

Sample Plot - 4

Row No.	Survived	Dead	Total
1	0	3	21
2	0	6	21
3	0	2	21
4	0	3	21

5	0	3	21
6	0	3	21
7	0	4	21
8	0	6	21
9	0	8	21
10	0	4	21
11	0	6	21
12	0	2	21
13	0	5	21
14	0	3	21
15	0	2	21
16	0	7	21
17	0	3	21
18	0	2	21
19	0	2	21
20	0	3	21
21	0	4	21

Division	Jhargram	Area	Survival %
Range	Manikpara		93.34
Beat	Kusumghati		
Mouja / Block / Compartment	Radhashyampur	20 Ha	Creation

Sampe Plot - 1

Row No.	Survived	Dead	Total
1	19	2	21
2	19	2	21
3	19	2	21
4	20	1	21
5	21	0	21
6	20	1	21
7	17	4	21
8	20	1	21
9	18	3	21
10	18	3	21
11	19	2	21
12	21	0	21
13	21	0	21
14	17	4	21
15	21	0	21
16	21	0	21

17	21	0	21
18	21	0	21
19	18	3	21
20	21	0	21
21	20	1	21

Sampe Plot - 2

Row No.	Survived	Dead	Total
1	19	2	21
2	20	1	21
3	20	1	21
4	20	1	21
5	20	1	21
6	18	3	21
7	20	1	21
8	19	2	21
9	19	2	21
10	19	2	21
11	17	4	21
12	20	1	21
13	19	2	21
14	21	0	21
15	21	0	21
16	21	0	21
17	21	0	21
18	20	1	21
19	21	0	21
20	21	0	21
21	18	3	21

Sampe Plot - 3

Row No.	Survived	Dead	Total
1	20	1	21
2	20	1	21
3	20	1	21
4	21	0	21
5	21	0	21
6	21	0	21
7	17	4	21
8	18	3	21
9	19	2	21

10	19	2	21
11	21	0	21
12	21	0	21
13	21	0	21
14	21	0	21
15	20	1	21
16	20	1	21
17	20	1	21
18	20	1	21
19	18	3	21
20	19	2	21
21	16	5	21

Sampe Plot - 4

Row No.	Survived	Dead	Total
1	21	0	21
2	21	0	21
3	21	0	21
4	20	1	21
5	19	2	21
6	20	1	21
7	19	2	21
8	20	1	21
9	20	1	21
10	18	3	21
11	20	1	21
12	19	2	21
13	20	1	21
14	20	1	21
15	18	3	21
16	16	5	21
17	20	1	21
18	20	1	21
19	19	2	21
20	19	2	21
21	18	3	21

Division	Jhargram	Area	Survival %
Range	Manikpara		86.75
Beat	Kusumghati		
Mouja / Block / Compartment	Lauriadam	16 Ha	Creation

Sampe Plot - 1

Row No.	Survived	Dead	Total
1	19	3	21
2	19	2	21
3	19	2	21
4	19	2	21
5	19	2	21
6	18	3	21
7	18	3	21
8	19	2	21
9	19	2	21
10	17	4	21
11	19	2	21
12	17	4	21
13	19	2	21
14	18	3	21
15	17	4	21
16	19	2	21
17	19	2	21
18	17	4	21
19	17	4	21
20	19	2	21
21	16	5	21

Sampe Plot - 2

Row No.	Survived	Dead	Total
1	17	4	21
2	18	3	21
3	20	1	21
4	17	4	21
5	20	1	21
6	19	2	21
7	19	2	21
8	19	2	21

9	18	3	21
10	17	4	21
11	15	6	21
12	20	1	21
13	20	1	21
14	21	0	21
15	20	1	21
16	20	1	21
17	14	7	21
18	16	5	21
19	16	5	21
20	19	2	21
21	17	4	21

Sampe Plot - 3

Row No.	Survived	Dead	Total
1	18	3	21
2	17	4	21
3	20	1	21
4	16	5	21
5	20	1	21
6	19	2	21
7	18	3	21
8	16	5	21
9	17	4	21
10	17	4	21
11	20	1	21
12	18	3	21
13	17	4	21
14	18	3	21
15	18	3	21
16	16	5	21
17	19	2	21
18	19	2	21
19	20	1	21
20	18	3	21
21	19	2	21

Sampe Plot - 4

Row No.	Survived	Dead	Total
1	18	3	21
2	17	4	21

3	16	5	21
4	19	2	21
5	17	4	21
6	18	3	21
7	16	5	21
8	19	2	21
9	17	4	21
10	18	3	21
11	16	5	21
12	18	3	21
13	17	4	21
14	20	1	21
15	19	2	21
16	20	1	21
17	20	1	21
18	21	0	21
19	21	0	21
20	20	1	21
21	19	2	21

Division	Jhargram	Area	Survival %
Range	Manikpara		98.62
Beat	Kusumghati		
Mouja / Block / Compartment	Lauriadam	23 Ha	Creation

Sampe Plot - 1

Row No.	Survived	Dead	Total
1	21	0	21
2	20	1	21
3	21	0	21
4	21	0	21
5	21	0	21
6	20	1	21
7	21	0	21
8	20	1	21
9	21	0	21
10	21	0	21
11	20	1	21
12	20	1	21
13	21	0	21
14	20	1	21

15	21	0	21
16	21	0	21
17	21	0	21
18	21	0	21
19	21	0	21
20	21	0	21
21	21	0	21

Sampe Plot - 2

Row No.	Survived		Total
1	21	0	21
2	21	0	21
3	21	0	21
4	21	0	21
5	21	0	21
6	21	0	21
7	19	2	21
8	21	0	21
9	21	0	21
10	20	1	21
11	21	0	21
12	21	0	21
13	21	0	21
14	20	1	21
15	21	0	21
16	20	1	21
17	19	2	21
18	21	0	21
19	21	0	21
20	21	0	21
21	21	0	21

Sampe Plot - 3

Row No.	Survived		Total
1	21	0	21
2	20	1	21
3	21	0	21
4	21	0	21
5	21	0	21
6	21	1	21
7	21	0	21

8	21	0	21
9	20	1	21
10	20	1	21
11	21	0	21
12	21	0	21
13	21	0	21
14	20	1	21
15	21	0	21
16	21	0	21
17	21	0	21
18	21	0	21
19	21	0	21
20	20	1	21
21	20	1	21

Sampe Plot - 4

Row No.	Survived		Total
1	20	1	21
2	21	0	21
3	21	0	21
4	20	1	21
5	21	0	21
6	21	0	21
7	21	0	21
8	21	0	21
9	21	0	21
10	21	0	21
11	20	1	21
12	21	0	21
13	20	1	21
14	21	0	21
15	21	0	21
16	21	0	21
17	21	0	21
18	21	0	21
19	21	0	21
20	20	1	21
21	21	0	21

Sampe Plot - 5

Row No.	Survived		Total
1	20	1	21

2	21	0	21
3	21	0	21
4	21	0	21
5	21	0	21
6	20	1	21
7	21	0	21
8	20	1	21
9	21	1	21
10	21	0	21
11	21	0	21
12	20	0	21
13	20	0	21
14	21	0	21
15	20	1	21
16	20	1	21
17	21	0	21
18	21	0	21
19	21	0	21
20	21	0	21
21	21	0	21

Division	Durgapur	Area	
Range	Asansol (T)		
Beat	Mangalpur		
Mouja / Block / Compartment	Tirat	7.5 Ha	Creation

Row No.	Survived	Dead	Total
1	20	1	21
2	19	2	21
3	19	2	21
4	20	1	21
5	19	2	21
6	19	2	21
7	19	2	21
8	20	1	21
9	18	3	21
10	18	3	21
11	18	3	21
12	20	1	21
13	21	0	21
14	16	5	21

15	19	2	21
16	20	1	21
17	19	2	21
18	17	4	21
19	19	2	21
20	20	1	21
21	18	3	21

Sample Plot - 2

Row No.	Survived	Dead	Total
1	19	2	21
2	17	4	21
3	20	1	21
4	19	2	21
5	20	1	21
6	17	4	21
7	18	3	21
8	18	3	21
9	16	5	21
10	19	2	21
11	20	1	21
12	19	2	21
13	18	3	21
14	20	1	21
15	20	1	21
16	21	0	21
17	20	1	21
18	19	2	21
19	21	0	21
20	17	4	21
21	18	3	21

Division	Durgapur	Area	
Range	Asansol (T)		
Beat	Mangalpur		
Mouja / Block / Compartment	Mamudpur	12.5 Ha	Creation

Sampe Plot - 1

Row No.	Survived	Dead	Total
1	21	0	21
2	21	0	21

3	18	3	21
4	19	2	21
5	19	2	21
6	16	5	21
7	21	0	21
8	20	1	21
9	20	1	21
10	21	0	21
11	19	2	21
12	20	1	21
13	17	4	21
14	21	0	21
15	21	0	21
16	21	0	21
17	19	2	21
18	20	1	21
19	19	2	21
20	19	2	21
21	19	2	21

Sample Plot - 2

Row No.	Survived	Dead	Total
1	21	0	21
2	21	0	21
3	19	2	21
4	21	0	21
5	19	2	21
6	18	3	21
7	19	2	21
8	21	0	21
9	19	2	21
10	20	1	21
11	21	0	21
12	20	1	21
13	20	1	21
14	20	1	21
15	20	1	21
16	19	2	21
17	19	2	21
18	21	0	21
19	19	2	21
20	17	4	21
21	19	2	21

Sample Plot - 3

Row No.	Survived	Dead	Total
1	20	1	21
2	19	2	21
3	21	0	21
4	18	3	21
5	20	1	21
6	15	6	21
7	20	1	21
8	21	0	21
9	19	2	21
10	20	1	21
11	21	0	21
12	20	1	21
13	21	0	21
14	19	2	21
15	20	1	21
16	20	1	21
17	21	0	21
18	20	1	21
19	20	1	21
20	19	2	21
21	17	4	21

Division	Durgapur	Area	Creation
Range	Ukra		
Beat	Tilaboni		
Mouja / Block / Compartment	Bansgora	30.63 Ha	

Sampe Plot - 1

Row No.	Survived	Dead	Total
1	18	3	21
2	20	1	21
3	19	2	21
4	20	1	21
5	18	3	21
6	19	2	21
7	20	1	21
8	19	2	21
9	20	1	21

10	20	1	21
11	18	3	21
12	20	1	21
13	19	2	21
14	20	1	21
15	19	2	21
16	18	3	21
17	20	1	21
18	20	1	21
19	20	1	21
20	18	3	21
21	19	2	21

Sample Plot - 2

Row No.	Survived	Dead	Total
1	19	2	21
2	19	2	21
3	19	2	21
4	21	0	21
5	20	1	21
6	19	2	21
7	19	2	21
8	19	2	21
9	18	3	21
10	20	1	21
11	21	0	21
12	19	2	21
13	20	1	21
14	20	1	21
15	18	3	21
16	19	2	21
17	20	1	21
18	21	0	21
19	21	0	21
20	18	3	21
21	18	3	21

Sampe Plot - 3

Row No.	Survived	Dead	Total
1	21	0	21
2	21	0	21
3	20	1	21
4	19	2	21

5	21	0	21
6	20	1	21
7	21	0	21
8	21	0	21
9	21	0	21
10	20	1	21
11	21	0	21
12	21	0	21
13	20	1	21
14	20	1	21
15	21	0	21
16	19	2	21
17	21	0	21
18	20	1	21
19	19	2	21
20	20	1	21
21	21	0	21

Sampe Plot - 4

Row No.	Survived	Dead	Total
1	21	0	21
2	20	1	21
3	21	0	21
4	19	2	21
5	21	0	21
6	20	1	21
7	21	0	21
8	21	0	21
9	21	0	21
10	20	1	21
11	21	0	21
12	21	0	21
13	20	1	21
14	20	1	21
15	21	0	21
16	19	2	21
17	21	0	21
18	20	1	21
19	19	2	21
20	20	1	21
21	21	0	21

Sampe Plot - 5

Row No.	Survived	Dead	Total
1	21	0	21
2	21	0	21
3	21	0	21
4	21	0	21
5	21	0	21
6	20	1	21
7	20	1	21
8	20	1	21
9	21	0	21
10	20	1	21
11	20	1	21
12	20	1	21
13	21	0	21
14	21	0	21
15	20	1	21
16	21	0	21
17	21	0	21
18	21	0	21
19	20	1	21
20	20	1	21
21	20	1	21

Sampe Plot - 6

Row No.	Survived	Dead	Total
1	18	3	21
2	20	1	21
3	19	2	21
4	20	1	21
5	18	3	21
6	19	2	21
7	20	1	21
8	19	2	21
9	20	1	21
10	20	1	21
11	18	3	21
12	20	1	21
13	19	2	21
14	20	1	21
15	19	2	21
16	18	3	21
17	20	1	21

18	20	1	21
19	20	1	21
20	18	3	21
21	19	2	21

Division	Durgapur	Area	
Range	Ukra		
Beat	Tilaboni		
Mouja / Block / Compartment	Parulia	10 Ha	Maintenance

Sampe Plot - 1

Row No.	Survived	Dead	Total
1	18	3	21
2	19	2	21
3	20	1	21
4	20	1	21
5	21	0	21
6	20	1	21
7	19	2	21
8	19	2	21
9	21	0	21
10	20	1	21
11	18	3	21
12	19	2	21
13	20	1	21
14	20	1	21
15	18	3	21
16	19	2	21
17	18	3	21
18	20	1	21
19	21	0	21
20	18	3	21
21	21	0	21

Sample Plot - 2

Row No.	Survived	Dead	Total
1	18	3	21
2	19	2	21
3	18	3	21
4	18	3	21
5	20	1	21

6	19	2	21
7	19	2	21
8	21	0	21
9	19	2	21
10	18	3	21
11	19	2	21
12	20	1	21
13	20	1	21
14	19	2	21
15	19	2	21
16	18	3	21
17	19	2	21
18	19	2	21
19	20	1	21
20	21	0	21
21	18	3	21

Division	Durgapur	Area	Creation
Range	Ukra		
Beat	Kantaberia		
Mouja / Block / Compartment	Dhabani	10 Ha	

Sampe Plot - 1

Row No.	Survived	Dead	Total
1	21	0	21
2	21	0	21
3	20	1	21
4	20	1	21
5	21	0	21
6	21	0	21
7	19	2	21
8	21	0	21
9	21	0	21
10	21	0	21
11	21	0	21
12	21	0	21
13	20	1	21
14	21	0	21
15	21	0	21
16	21	0	21
17	21	0	21

18	21	0	21
19	20	1	21
20	20	0	20
21	21	0	21

Sampe Plot - 2

Row No.	Survived	Dead	Total
1	17	4	21
2	18	3	21
3	15	6	21
4	18	3	21
5	18	3	21
6	18	3	21
7	19	2	21
8	21	0	21
9	17	4	21
10	20	1	21
11	18	3	21
12	20	1	21
13	20	1	21
14	20	1	21
15	19	2	21
16	19	2	21
17	18	3	21
18	21	0	21
19	20	1	21
20	21	0	21
21	21	0	21
Division	Durgapur	Area	
Range	Ukra		
Beat	Kantaberia		
Mouja / Block / Compartment	Srikrishnapur	12 Ha	Mainteneance
Sampe Plot - 1			
Row No.	Survived	Dead	Total
1	22	0	22
2	21	0	21
3	21	0	21
4	20	1	21
5	18	3	21
6	20	1	21

7	21	0	21
8	21	0	21
9	21	0	21
10	21	0	21
11	20	1	21
12	21	0	21
13	21	0	21
14	21	0	21
15	20	1	21
16	20	1	21
17	20	1	21
18	19	2	21
19	19	2	21
20	21	0	21
21	21	0	21
Sampe Plot - 2			
Row No.	Survived	Dead	Total
1	21	0	21
2	20	1	21
3	20	1	21
4	20	1	21
5	21	0	21
6	21	0	21
7	21	0	21
8	21	0	21
9	20	1	21
10	21	0	21
11	20	1	21
12	21	0	21
13	18	3	21
14	20	1	21
15	21	0	21
16	21	0	21
17	21	0	21
18	19	2	21
19	21	0	21
20	21	0	21
21	20	1	21
Sampe Plot - 3			

Row No.	Survived	Dead	Total
1	21	0	21
2	19	2	21
3	20	1	21
4	20	1	21
5	21	0	21
6	21	0	21
7	21	0	21
8	21	0	21
9	18	3	21
10	21	0	21
11	20	1	21
12	21	0	21
13	18	3	21
14	20	1	21
15	21	0	21
16	21	0	21
17	21	0	21
18	21	0	21
19	21	0	21
20	21	0	21
21	20	1	21

Division	Durgapur	Area	
Range	Ukra		
Beat	Kantaberia		
Mouja / Block / Compartment	Mdhaiganj	13 Ha	Maintenance

Sampe Plot - 1

Row No.	Survived	Dead	Total
1	21	0	22
2	21	0	21
3	21	0	21
4	21	0	21
5	19	2	21
6	21	0	21
7	21	0	21
8	21	0	21
9	21	0	21
10	21	0	21
11	21	0	21

12	21	0	21
13	20	1	21
14	21	0	21
15	20	1	21
16	21	0	21
17	19	2	21
18	21	0	21
19	20	1	21
20	20	1	21
21	21	0	21

Sampe Plot - 2

Row No.	Survived	Dead	Total
1	21	0	21
2	21	0	21
3	21	0	21
4	21	0	21
5	20	1	21
6	21	0	21
7	21	0	21
8	21	0	21
9	20	1	21
10	21	0	21
11	21	0	21
12	20	1	21
13	21	0	21
14	21	0	21
15	21	0	21
16	20	1	21
17	21	0	21
18	21	0	21
19	21	0	21
20	21	0	21
21	21	0	21

Sampe Plot - 3

Row No.	Survived	Dead	Total
1	21	0	21
2	21	0	21
3	21	0	21
4	21	0	21

5	21	0	21
6	20	1	21
7	21	0	21
8	21	0	21
9	21	0	21
10	21	0	21
11	21	0	21
12	21	0	21
13	21	0	21
14	21	0	21
15	20	1	21
16	18	3	21
17	21	0	21
18	21	0	21
19	21	0	21
20	21	0	21
21	21	0	21

Division	Durgapur	Area	
Range	Ukra		
Beat	Tilaboni		
Mouja / Block / Compartment	Bansgora	20 Ha	Creation

Sampe Plot - 1

Row No.	Survived	Dead	Total
1	21	0	21
2	20	1	21
3	21	0	21
4	18	3	21
5	19	2	21
6	18	3	21
7	21	0	21
8	20	1	21
9	19	2	21
10	18	3	21
11	21	0	21
12	20	1	21
13	19	2	21
14	20	1	21
15	21	0	21
16	20	1	21

17	18	3	21
18	21	0	21
19	21	0	21
20	21	0	21
21	21	0	21

Sample Plot - 2

Row No.	Survived	Dead	Total
1	19	2	21
2	19	2	21
3	19	2	21
4	21	0	21
5	20	1	21
6	19	2	21
7	19	2	21
8	19	2	21
9	18	3	21
10	20	1	21
11	21	0	21
12	19	2	21
13	20	1	21
14	20	1	21
15	18	3	21
16	19	2	21
17	20	1	21
18	21	0	21
19	21	0	21
20	18	3	21
21	18	3	21

Sampe Plot - 3

Row No.	Survived	Dead	Total
1	20	1	21
2	21	1	21
3	21	0	21
4	20	1	21
5	20	1	21
6	20	1	21
7	19	2	21
8	20	1	21
9	21	0	21
10	21	0	21

11	21	0	21
12	20	1	21
13	18	3	21
14	19	2	21
15	18	3	21
16	21	0	21
17	20	1	21
18	20	1	21
19	21	0	21
20	21	0	21
21	21	0	21

Sampe Plot - 4

Row No.	Survived	Dead	Total
1	19	2	21
2	20	1	21
3	18	3	21
4	21	0	21
5	19	2	21
6	19	2	21
7	21	0	21
8	21	0	21
9	21	0	21
10	20	1	21
11	18	3	21
12	21	0	21
13	20	1	21
14	21	0	21
15	21	0	21
16	19	2	21
17	20	1	21
18	21	0	21
19	21	0	21
20	20	1	21
21	21	0	21

Division	Birbhum	Area	Survival %
Range	Rajnagar		95.56
Beat	Aligarh		
Mouja / Block / Compartment	Lauberia	48 Ha	Creaton

Sampe Plot - 1

Row No.	Survived	Dead	Total
1	20	1	21
2	18	3	21
3	21	0	21
4	20	1	21
5	21	0	21
6	21	0	21
7	19	2	21
8	20	1	21
9	20	1	21
10	20	1	21
11	21	0	21
12	21	0	21
13	18	3	21
14	19	2	21
15	18	3	21
16	21	0	21
17	19	2	21
18	20	1	21
19	21	0	21
20	20	1	21
21	18	3	21

Sampe Plot - 2

Row No.	Survived	Dead	Total
1	19	2	21
2	20	1	21
3	19	2	21
4	21	0	21
5	20	1	21
6	21	0	21
7	18	3	21
8	20	1	21
9	19	2	21
10	19	2	21

11	20	1	21
12	21	0	21
13	18	3	21
14	17	4	21
15	21	0	21
16	19	2	21
17	18	3	21
18	21	0	21
19	20	1	21
20	21	0	21
21	21	0	21

Sampe Plot - 3

Row No.	Survived	Dead	Total
1	21	0	21
2	21	0	21
3	18	3	21
4	21	0	21
5	19	2	21
6	19	2	21
7	20	1	21
8	21	0	21
9	20	1	21
10	18	3	21
11	19	2	21
12	21	0	21
13	21	0	21
14	20	1	21
15	20	1	21
16	19	2	21
17	20	1	21
18	21	0	21
19	20	1	21
20	17	4	21
21	21	0	21

Sampe Plot - 4

Row No.	Survived	Dead	Total
1	18	3	21
2	19	2	21
3	21	0	21
4	20	1	21

5	18	3	21
6	21	0	21
7	20	1	21
8	20	1	21
9	20	1	21
10	19	2	21
11	20	1	21
12	20	1	21
13	20	1	21
14	21	0	21
15	21	0	21
16	21	0	21
17	18	3	21
18	20	1	21
19	19	2	21
20	19	2	21
21	21	0	21

Sampe Plot - 5

Row No.	Survived	Dead	Total
1	21	0	21
2	21	0	21
3	19	2	21
4	20	1	21
5	21	0	21
6	20	1	21
7	20	1	21
8	21	0	21
9	21	0	21
10	21	0	21
11	21	0	21
12	21	0	21
13	21	0	21
14	21	0	21
15	20	1	21
16	18	3	21
17	20	1	21
18	21	0	21
19	21	0	21
20	19	2	21
21	21	0	21

Sampe Plot - 6

Row No.	Survived	Dead	Total
1	21	0	21
2	21	0	21
3	19	2	21
4	20	1	21
5	21	0	21
6	21	0	21
7	20	1	21
8	21	0	21
9	20	1	21
10	20	1	21
11	21	0	21
12	19	2	21
13	20	1	21
14	21	0	21
15	21	0	21
16	21	0	21
17	18	3	21
18	21	0	21
19	20	1	21
20	20	1	21
21	21	0	21

Sampe Plot - 7

Row No.	Survived	Dead	Total
1	19	2	21
2	20	1	21
3	20	1	21
4	20	1	21
5	21	0	21
6	20	1	21
7	21	0	21
8	20	1	21
9	19	2	21
10	21	0	21
11	21	0	21
12	21	0	21
13	21	0	21
14	20	1	21
15	21	0	21
16	21	0	21
17	21	0	21
18	20	1	21
19	20	1	21

20	21	0	21
21	21	0	21

Sampe Plot - 8

Row No.	Survived	Dead	Total
1	20	1	21
2	20	1	21
3	19	2	21
4	21	0	21
5	21	0	21
6	20	1	21
7	20	1	21
8	18	3	21
9	19	2	21
10	20	1	21
11	20	1	21
12	21	0	21
13	19	2	21
14	19	2	21
15	21	0	21
16	21	0	21
17	20	1	21
18	21	0	21
19	21	0	21
20	20	1	21
21	20	1	21

Sampe Plot - 9

Row No.	21	Dead	Total
1	21	0	21
2	21	0	21
3	21	0	21
4	21	0	21
5	21	0	21
6	20	1	21
7	19	2	21
8	20	1	21
9	21	0	21
10	21	0	21
11	21	0	21
12	20	1	21
13	18	3	21
14	19	2	21

15	21	0	21
16	21	0	21
17	20	1	21
18	20	1	21
19	19	2	21
20	19	2	21
21	21	0	21

Sampe Plot - 10

Row No.	Survived	Dead	Total
1	21	0	21
2	20	1	21
3	19	2	21
4	19	2	21
5	21	0	21
6	21	0	21
7	20	1	21
8	21	0	21
9	20	1	21
10	19	2	21
11	21	0	21
12	21	0	21
13	17	4	21
14	20	1	21
15	21	0	21
16	21	0	21
17	21	0	21
18	18	3	21
19	19	2	21
20	20	1	21
21	21	0	21

Division	Birbhum	Area	Survival %
Range	Rajnagar		90.86
Beat	Aligarh		
Mouja / Block / Compartment	Kanmora	17 Ha	Creation

Sampe Plot - 1

Row No.	Survived	Dead	Total
1	21	0	21
2	20	1	21
3	19	2	21
4	17	4	21
5	19	2	21
6	20	1	21
7	21	0	21
8	20	1	21
9	21	0	21
10	20	1	21
11	20	1	21
12	19	2	21
13	21	0	21
14	21	0	21
15	21	0	21
16	20	1	21
17	21	0	21
18	21	0	21
19	20	1	21
20	20	1	21
21	19	2	21

Sampe Plot - 2

Row No.	Survived		Total
1	20	1	21
2	21	0	21
3	19	2	21
4	18	3	21
5	18	3	21
6	19	2	21
7	18	3	21
8	20	1	21
9	20	1	21

10	18	4	21
11	18	3	21
12	17	4	21
13	16	5	21
14	17	4	21
15	19	2	21
16	18	3	21
17	19	2	21
18	16	5	21
19	17	4	21
20	20	1	21
21	20	1	21

Sampe Plot - 3

Row No.	Survived		Total
1	18	3	21
2	19	2	21
3	19	2	21
4	19	2	21
5	18	3	21
6	17	4	21
7	19	2	21
8	19	2	21
9	20	1	21
10	18	3	21
11	20	1	21
12	20	1	21
13	17	4	21
14	20	1	21
15	18	3	21
16	20	1	21
17	19	2	21
18	19	2	21
19	21	0	21
20	20	1	21
21	18	3	21

Sampe Plot - 4

Row No.	Survived		Total
1	21	0	21
2	19	2	21
3	17	4	21
4	20	1	21

5	20	1	21
6	17	4	21
7	18	3	21
8	20	1	21
9	17	4	21
10	21	0	21
11	21	0	21
12	18	3	21
13	19	2	21
14	17	3	21
15	20	1	21
16	18	3	21
17	19	2	21
18	19	2	21
19	18	3	21
20	19	2	21
21	18	3	21

Division	Birbhum	Area	Survival %
Range	Rajnagar		28.34
Beat	Aligarh		
Mouja / Block / Compartment	Haripur, Ushagram	4.99	Maintenance

Sampe Plot - 1

Row No.	Survived	Dead	Total
1	16	18	21
2	3	18	21
3	0	21	21
4	1	10	21
5	6	15	21
6	5	16	21
7	2	19	21
8	8	13	21
9	9	12	21
10	2	19	21
11	9	12	21
12	7	14	21
13	7	14	21
14	3	18	21
15	9	12	21
16	4	17	21

17	6	15	21
18	5	16	21
19	3	18	21
20	2	19	21

Division	Birbhum	Area	Survival %
Range	Dubrajpur		83.4
Beat	Bakreswar		
Mouja / Block / Compartment	Pratappur, Rampur	60 Ha	Creation

Sampe Plot - 1

Row No.	Survived	Dead	Total
1	15	6	21
2	11	10	21
3	17	4	21
4	16	5	21
5	14	7	21
6	18	3	21
7	15	6	21
8	19	2	21
9	17	4	21
10	18	3	21
11	9	2	21
12	17	4	21
13	17	4	21
14	18	3	21
15	17	4	21
16	17	4	21
17	6	15	21
18	14	7	21
19	13	8	21
20	14	7	21
21	17	4	21

Sampe Plot - 2

Row No.	Survived	Dead	Total
1	16	5	21

2	15	6	21
3	18	3	21
4	17	4	21
5	15	6	21
6	18	3	21
7	9	8	21
8	13	8	21
9	17	4	21
10	19	2	21
11	16	5	21
12	17	4	21
13	17	4	21
14	12	9	21
15	14	7	21
16	19	2	21
17	3	8	21
18	15	6	21
19	16	5	21
20	17	4	21
21	2	9	21

Sampe Plot - 3

Row No.	Survived	Dead	Total
1	19	2	21
2	12	9	21
3	14	7	21
4	16	5	21
5	16	5	21
6	12	9	21
7	15	6	21
8	2	9	21
9	15	6	21
10	19	2	21
11	18	3	21
12	19	2	21
13	16	5	21
14	19	2	21
15	17	4	21
16	19	2	21
17	17	4	21
18	15	6	21
19	18	3	21
20	20	1	21
21	18	3	21

Sampe Plot - 4

Row No.	Survived	Dead	Total
1	4	7	21
2	19	2	21
3	12	9	21
4	3	8	21
5	5	6	21
6	15	6	21
7	18	3	21
8	17	4	21
9	14	7	21
10	13	8	21
11	18	3	21
12	14	7	21
13	15	6	21
14	16	5	21
15	12	9	21
16	18	3	21
17	19	2	21
18	15	6	21
19	18	3	21
20	17	4	21
21	18	3	21

Sampe Plot - 5

Row No.	Survived	Dead	Total
1	18	3	21
2	20	1	21
3	15	6	21
4	14	7	21
5	18	3	21
6	17	4	21
7	20	1	21
8	20	1	21
9	20	1	21
10	20	2	21
11	18	3	21
12	19	2	21
13	15	6	21
14	16	5	21
15	18	3	21
16	14	7	21

17	17	4	21
18	15	6	21
19	17	4	21
20	15	6	21
21	16	5	21

Sampe Plot - 6

Row No.	Survived	Dead	Total
1	18	3	21
2	20	1	21
3	20	1	21
4	19	2	21
5	15	6	21
6	17	4	21
7	18	3	21
8	18	3	21
9	21	0	21
10	15	6	21
11	13	8	21
12	20	1	21
13	20	1	21
14	17	4	21
15	19	2	21
16	19	2	21
17	18	3	21
18	20	1	21
19	15	6	21
20	16	5	21
21	20	1	21

Sampe Plot - 7

Row No.	Survived	Dead	Total
1	19	2	21
2	20	1	21
3	18	3	21
4	19	2	21
5	18	3	21
6	17	4	21
7	16	5	21
8	19	2	21
9	18	3	21
10	18	3	21
11	20	1	21

12	20	1	21
13	20	1	21
14	21	0	21
15	18	3	21
16	16	5	21
17	16	5	21
18	17	4	21
19	17	4	21
20	15	6	21
21	16	5	21

Sampe Plot - 8

Row No.	Survived	Dead	Total
1	19	2	21
2	17	4	21
3	17	4	21
4	15	6	21
5	16	5	21
6	16	5	21
7	20	1	21
8	20	1	21
9	20	1	21
10	20	1	21
11	20	1	21
12	20	1	21
13	19	2	21
14	19	2	21
15	18	3	21
16	15	6	21
17	17	4	21
18	19	2	21
19	20	1	21
20	18	3	21
21	16	5	21

Sampe Plot - 9

Row No.	20	1	Total
1	20	1	21
2	17	4	21
3	17	4	21
4	19	2	21
5	18	3	21
6	16	5	21

7	18	3	21
8	18	3	21
9	18	4	21
10	20	1	21
11	20	1	21
12	19	2	21
13	19	2	21
14	20	1	21
15	20	1	21
16	20	1	21
17	20	1	21
18	21	0	21
19	19	2	21
20	17	4	21
21	18	3	21

Sampe Plot - 10

Row No.	Survived	Dead	Total
1	20	1	21
2	20	1	21
3	20	1	21
4	20	1	21
5	19	2	21
6	20	1	21
7	19	2	21
8	19	2	21
9	18	3	21
10	20	1	21
11	19	2	21
12	20	1	21
13	19	2	21
14	18	3	21
15	18	3	21
16	17	4	21
17	19	2	21
18	20	1	21
19	20	1	21
20	16	5	21
21	15	6	21

Sampe Plot - 11

Row No.	19	2	Total
1	19	2	21
2	21	0	21
3	21	0	21
4	21	0	21
5	21	0	21
6	20	1	21
7	20	1	21
8	20	1	21
9	19	2	21
10	18	3	21
11	18	3	21
12	16	5	21
13	19	2	21
14	19	2	21
15	20	1	21
16	21	0	21
17	21	0	21
18	16	5	21
19	19	2	21
20	17	4	21
21	19	2	21

Sampe Plot - 12

Row No.	Survived	Dead	Total
1	19	2	21
2	18	3	21
3	20	1	21
4	20	1	21
5	20	1	21
6	21	0	21
7	21	0	21
8	18	3	21
9	17	4	21
10	16	5	21
11	15	6	21
12	17	4	21
13	17	4	21
14	15	6	21
15	19	2	21
16	20	1	21
17	20	1	21
18	21	0	21
19	21	0	21

20	20	1	21
21	16	5	21

Division	Birbhum	Area	Survival %
Range	Dubrajpur		90.62
Beat	Khairasole		
Mouja / Block / Compartment	Purba Shibpur, Bandhagal	20 Ha	Creation

Sampe Plot - 1

Row No.	Survived	Dead	Total
1	20	1	21
2	20	1	21
3	18	2	21
4	19	2	21
5	18	3	21
6	21	0	21
7	17	4	21
8	18	3	21
9	19	2	21
10	18	3	21
11	20	1	21
12	18	2	21
13	21	0	21
14	21	0	21
15	21	0	21
16	21	0	21
17	19	2	21
18	19	2	21
19	20	1	21
20	20	1	21
21	21	0	21

Sampe Plot - 2

Row No.	Survived	Dead	Total
1	17	4	21
2	11	10	21
3	17	4	21
4	14	7	21

5	17	4	21
6	16	5	21
7	19	2	21
8	14	7	21
9	17	4	21
10	18	3	21
11	17	4	21
12	20	1	21
13	17	4	21
14	18	3	21
15	21	0	21
16	20	1	21
17	16	5	21
18	13	8	21
19	20	1	21
20	21	0	21
21	21	0	21

Sampe Plot - 3

Row No.	Survived	Dead	Total
1	19	2	21
2	20	1	21
3	21	0	21
4	20	1	21
5	20	1	21
6	21	0	21
7	19	2	21
8	20	1	21
9	18	3	21
10	20	1	21
11	19	2	21
12	20	1	21
13	20	1	21
14	21	0	21
15	21	0	21
16	19	2	21
17	21	0	21
18	21	0	21
19	21	0	21
20	20	1	21
21	19	2	21

Sampe Plot - 4

Row No.	Survived	Dead	Total
1		5	21
2	16	1	21
3	20	4	21
4	21	0	21
5	21	0	21
6	20	1	21
7	17	4	21
8	17	4	21
9	18	3	21
10	21	0	21
11	19	2	21
12	18	3	21
13	21	0	21
14	21	0	21
15	20	1	21
16	20	1	21
17	19	2	21
18	20	1	21
19	18	3	21
20	21	0	21
21	19	2	21

Division	Birbhum	Area	Survival %
Range	Dubrajpur		93.08
Beat	Rasha		
Mouja / Block / Compartment	Geruapahari	10 Ha	Creation

Sampe Plot - 1

Row No.	Survived	Dead	Total
1	21	0	21
2	21	0	21
3	20	1	21
4	20	1	21
5	19	2	21
6	21	0	21
7	21	0	21
8	20	1	21
9	20	1	21
10	19	2	21

11	21	0	21
12	21	0	21
13	18	3	21
14	18	3	21
15	18	3	21
16	17	4	21
17	21	0	21
18	21	0	21
19	21	0	21
20	20	1	21
21	20	1	21

Sampe Plot - 2

Row No.	Survived	Dead	Total
1	18	3	21
2	19	2	21
3	21	0	21
4	21	0	21
5	18	3	21
6	17	4	21
7	20	1	21
8	21	0	21
9	21	0	21
10	18	3	21
11	18	3	21
12	19	2	21
13	16	5	21
14	15	6	21
15	20	1	21
16	19	2	21
17	21	0	21
18	21	0	21
19	20	1	21
20	19	2	21
21	21	0	21

Division	Birbhum	Area	Survival %
Range	Dubrajpur		94.48
Beat	Khairasole		
Mouja / Block / Compartment	Bhangabandh	15 Ha	Creation

Sampe Plot - 1

Row No.	Survived	Dead	Total
1	21	0	21
2	21	0	21
3	20	1	21
4	19	2	21
5	17	4	21
6	16	5	21
7	20	1	21
8	21	0	21
9	19	2	21
10	18	3	21
11	21	0	21
12	17	4	21
13	16	5	21
14	20	1	21
15	21	0	21
16	21	0	21
17	21	0	21
18	21	0	21
19	21	0	21
20	21	0	21
21	21	0	21

Sampe Plot - 2

Row No.	Survived	Dead	Total
1	21	0	21
2	20	1	21
3	19	2	21
4	21	0	21
5	21	0	21
6	21	0	21
7	20	1	21
8	20	1	21
9	21	0	21

10	19	2	21
11	21	0	21
12	18	3	21
13	20	1	21
14	20	1	21
15	18	3	21
16	16	5	21
17	14	7	21
18	21	0	21
19	20	1	21
20	21	0	21
21	21	0	21

Sampe Plot - 3

Row No.	Survived	Dead	Total
1	20	1	21
2	21	0	21
3	21	0	21
4	18	3	21
5	21	0	21
6	20	1	21
7	19	2	21
8	21	0	21
9	21	0	21
10	21	0	21
11	19	2	21
12	21	0	21
13	21	0	21
14	19	2	21
15	21	0	21
16	18	3	21
17	21	0	21
18	20	1	21
19	20	1	21
20	20	1	21
21	21	0	21

Division	Medinipur	Area	Survival %
Range	Godapiasal		96.6
Beat	Ghagrasol		
Mouja / Block / Compartment	Kulapachuria	4.03 Ha	Creation

Sampe Plot - 1

Row No.	Survived	Dead	Total
1	21	0	21
2	21	0	21
3	20	1	21
4	19	2	21
5	19	2	21
6	19	2	21
7	19	2	21
8	19	2	21
9	20	1	21
10	21	0	21
11	21	0	21
12	20	1	21
13	21	0	21
14	21	0	21
15	21	0	21
16	21	0	21
17	20	1	21
18	20	0	21
19	20	1	21
20	21	0	21
21	21	0	21

Division	Roopnarayan	Area	Survival %
Range	Amlagora		98.64
Beat	Chandabila		
Mouja / Block / Compartment	Mathani	15 Ha	Creation

Sampe Plot - 1

Row No.	Survived	Dead	Total
1	21	0	21
2	21	0	21
3	21	0	21
4	21	0	21

5	20	1	21
6	20	1	21
7	21	0	21
8	21	0	21
9	21	0	21
10	20	1	21
11	21	0	21
12	21	0	21
13	21	0	21
14	21	0	21
15	20	1	21
16	20	0	21
17	21	0	21
18	21	0	21
19	21	0	21
20	21	0	21
21	21	0	21

Sampe Plot - 2

Row No.	Survived	Dead	Total
1	21	0	21
2	21	0	21
3	21	0	21
4	21	0	21
5	21	0	21
6	21	0	21
7	20	1	21
8	21	0	21
9	21	0	21
10	21	0	21
11	21	0	21
12	21	0	21
13	20	1	21
14	21	0	21
15	20	1	21
16	21	0	21
17	20	1	21
18	20	1	21
19	21	0	21
20	21	0	21
21	20	1	21

Sampe Plot - 3

Row No.	Survived	Dead	Total
1	20	1	21
2	20	1	21
3	21	0	21
4	21	0	21
5	21	0	21
6	21	0	21
7	21	0	21
8	20	1	21
9	20	0	21
10	21	0	21
11	21	0	21
12	20	1	21
13	21	0	21
14	20	1	21
15	20	1	21
16	21	0	21
17	21	0	21
18	20	1	21
19	21	0	21
20	21	0	21
21	20	1	21

Division	Roopnarayan	Area	Survival %
Range	Amlagora		100
Beat	Chandabila		
Mouja / Block / Compartment	Lodha	2 Ha	Creation

Sampe Plot - 1

Row No.	Survived	Dead	Total
1	21	0	21
2	21	0	21
3	21	0	21
4	21	0	21
5	21	0	21
6	21	0	21
7	21	0	21
8	21	0	21
9	21	0	21

10	21	0	21
11	21	0	21
12	21	0	21
13	21	0	21
14	21	0	21
15	21	0	21
16	21	0	21
17	21	0	21
18	21	0	21
19	21	0	21
20	21	0	21
21	21	0	21

Division	Roopnarayan	Area	Survival %
Range	Amlagora		96.8
Beat	Raskundu		
Mouja / Block / Compartment	Tilara, Jdavnagar	5 Ha	Creation

Sampe Plot - 1

Row No.	Survived	Dead	Total
1	21	0	21
2	21	0	21
3	19	2	21
4	21	0	21
5	21	0	21
6	21	0	21
7	21	0	21
8	21	0	21
9	19	2	21
10	19	2	21
11	21	0	21
12	21	0	21
13	21	0	21
14	18	3	21
15	19	2	21
16	20	1	21
17	21	0	21
18	21	0	21
19	19	2	21
20	21	0	21
21	21	0	21

Division	Roopnarayan	Area	Survival %
Range	Amlagora		100
Beat	Raskundu		
Mouja / Block / Compartment	Kadambandhi, Dhalma	5 Ha	Creation

Sampe Plot - 1

Row No.	Survived	Dead	Total
1	21	0	21
2	21	0	21
3	21	0	21
4	21	0	21
5	21	0	21
6	21	0	21
7	21	0	21
8	21	0	21
9	21	0	21
10	21	0	21
11	21	0	21
12	21	0	21
13	21	0	21
14	21	0	21
15	21	0	21
16	21	0	21
17	21	0	21
18	21	0	21
19	21	0	21
20	21	0	21
21	21	0	21

Division	Roopnarayan	Area	Survival %
Range	Hoomgarh		97.35
Beat	Baromesia		
Mouja / Block / Compartment	Baromesia Near Hoomgarh	1 Ha	Creation

Sampe Plot - 1

Row No.	Survived	Dead	Total
---------	----------	------	-------

1	20	1	21
2	21	0	21
3	21	0	21
4	21	0	21
5	19	2	21
6	21	0	21
7	21	0	21
8	20	1	21
9	20	1	21
10	20	1	21
11	21	0	21
12	21	0	21
13	18	3	21
14	20	1	21
15	21	0	21
16	21	0	21
17	21	0	21
18	21	0	21
19	19	2	21
20	21	0	21
21	21	0	21

Division	Roopnarayan	Area	Survival %
Range	Mahalasai		97.25
Beat	Aalia		
Mouja / Block / Compartment	Halimasan	4 Ha	Creation

Sampe Plot - 1

Row No.	Survived	Dead	Total
1	21	0	21
2	21	0	21
3	21	0	21
4	19	2	21
5	21	0	21
6	20	1	21
7	20	1	21
8	21	0	21
9	21	0	21
10	19	2	21
11	18	3	21
12	21	0	21

13	21	0	21
14	20	1	21
15	21	0	21
16	21	0	21
17	20	1	21
18	21	0	21
19	21	0	21
20	20	1	21
21	21	0	21

Division	Kharagpur	Area	Survival %
Range	Kalaikunda		100
Beat	Kalaikunda		
Mouja / Block / Compartment	Ajuni	25 Ha	Creation

Sampe Plot - 1

Row No.	Survived	Dead	Total
1	21	0	21
2	21	0	21
3	21	0	21
4	21	0	21
5	21	0	21
6	21	0	21
7	21	0	21
8	21	0	21
9	21	0	21
10	21	0	21
11	21	0	21
12	21	0	21
13	21	0	21
14	21	0	21
15	21	0	21
16	21	0	21
17	21	0	21
18	21	0	21
19	21	0	21
20	21	0	21
21	21	0	21

Sampe Plot - 2

Row No.	Survived	Dead	Total
1	21	0	21
2	21	0	21
3	21	0	21
4	21	0	21
5	21	0	21
6	21	0	21
7	21	0	21
8	21	0	21
9	21	0	21
10	21	0	21
11	21	0	21
12	21	0	21
13	21	0	21
14	21	0	21
15	21	0	21
16	21	0	21
17	21	0	21
18	21	0	21
19	21	0	21
20	21	0	21
21	21	0	21

Sampe Plot - 3

Row No.	Survived	Dead	Total
1	21	0	21
2	21	0	21
3	21	0	21
4	21	0	21
5	21	0	21
6	21	0	21
7	21	0	21
8	21	0	21
9	21	0	21
10	21	0	21
11	21	0	21
12	21	0	21
13	21	0	21
14	21	0	21
15	21	0	21
16	21	0	21
17	21	0	21

18	21	0	21
19	21	0	21
20	21	0	21
21	21	0	21

Sampe Plot - 4

Row No.	Survived	Dead	Total
1	21	0	21
2	21	0	21
3	21	0	21
4	21	0	21
5	21	0	21
6	21	0	21
7	21	0	21
8	21	0	21
9	21	0	21
10	21	0	21
11	21	0	21
12	21	0	21
13	21	0	21
14	21	0	21
15	21	0	21
16	21	0	21
17	21	0	21
18	21	0	21
19	21	0	21
20	21	0	21
21	21	0	21

Sampe Plot - 5

Row No.	Survived	Dead	Total
1	21	0	21
2	21	0	21
3	21	0	21
4	21	0	21
5	21	0	21
6	21	0	21
7	21	0	21
8	21	0	21
9	21	0	21

10	21	0	21
11	21	0	21
12	21	0	21
13	21	0	21
14	21	0	21
15	21	0	21
16	21	0	21
17	21	0	21
18	21	0	21
19	21	0	21
20	21	0	21
21	21	0	21

Division	Kharagpur	Area	Survival %
Range	Hijli		98.43
Beat	Hijli		
Mouja / Block / Compartment	Ajodhyanagar	2 Ha	Maintennce

Sampe Plot - 1

Row No.	Survived	Dead	Total
1	21	0	21
2	21	0	21
3	20	1	21
4	21	0	21
5	21	0	21
6	21	0	21
7	20	1	21
8	21	0	21
9	20	1	21
10	20	1	21
11	21	0	21
12	21	0	21
13	20	1	21
14	19	2	21
15	21	0	21
16	21	0	21
17	21	0	21
18	21	0	21
19	21	0	21
20	21	0	21
21	21	0	21

Division	Bankura North	Area	Survival %
Range	Chatna		48.37
Beat	Susunia		
Mouja / Block / Compartment	Hapania	0.19 Ha	Mintenance

Sampe Plot - 1

Row No.	Survived	Dead	Total
1	12	9	21
2	10	11	21
3	9	12	21
4	13	8	21
5	14	7	21
6	9	12	21
7	10	11	21
8	9	12	21
9	10	11	21
10	8	13	21
11	10	11	21
12	9	12	21
13	8	13	21
14	12	9	21
15	12	9	21
16	11	10	21
17	5	16	21
18	11	10	21
19	13	8	21
20	7	14	21
21	12	9	21

Division	Bankura North	Area	Survival %
Range	Bankura North		96.26
Beat	Salboni		
Mouja / Block / Compartment	Bodra, Harialgara	4 Ha	Maintenance

Sampe Plot - 1

Row No.	Survived	Dead	Total
1	20	1	21
2	21	0	21

3	21	0	21
4	20	1	21
5	20	1	21
6	19	2	21
7	20	1	21
8	20	1	21
9	21	0	21
10	21	0	21
11	20	1	21
12	20	1	21
13	19	2	21
14	19	2	21
15	20	1	21
16	20	1	21
17	21	0	21
18	21	0	21
19	20	1	21
20	21	0	21
21	21	0	21

Division - Kurseong Forest
Range - Sevoke
Beat - Kalijhora
Mouza/Block/Compartment - Setikhola
Area - 5.04 Ha. (Creation Work)

Sample plot			
Row No.	Survived	Dead	Total Species
1	16	5	21
2	18	3	21
3	17	4	21
4	17	4	21
5	17	4	21
6	16	5	21
7	18	3	21
8	15	6	21
9	19	2	21
10	17	4	21
11	18	3	21
12	20	1	21
13	18	3	21

14	19	2	21
15	16	5	21
16	18	3	21
17	15	6	21
18	17	4	21
19	16	5	21
20	15	6	21
21	16	5	21

Division - Kurseong Forest
Range - Sevoke
Beat - Berrick
Mouza/Block/Compartment - Kandung
Area - 11.5 Ha. (Creation Work)

Sample plot - 1			
Row No.	Survived	Dead	Total Species
1	19	2	21
2	17	4	21
3	16	5	21
4	19	2	21
5	17	4	21
6	19	2	21
7	20	1	21
8	16	5	21
9	18	3	21
10	15	6	21
11	17	4	21
12	16	5	21
13	16	5	21
14	16	5	21
15	17	4	21
16	20	1	21
17	18	3	21
18	15	6	21
19	16	5	21
20	18	3	21
21	16	5	21

Sample plot - 2

Row No.	Survived	Dead	Total Species
1	19	2	21
2	16	5	21
3	17	4	21
4	19	2	21
5	18	3	21
6	19	2	21
7	17	4	21
8	20	1	21
9	18	3	21
10	17	4	21
11	16	5	21
12	16	5	21
13	17	4	21
14	15	6	21
15	20	1	21
16	19	2	21
17	17	4	21
18	15	6	21
19	20	1	21
20	16	5	21
21	18	3	21

Division - Kurseong Forest
Beat - Berrick
Mouza/Block/Compartment - Kandung
Area - 0.60 Ha. (Creation Work)

Sample plot			
Row No.	Survived	Dead	Total Species
1	15	6	21
2	16	5	21
3	17	4	21
4	18	3	21
5	17	4	21
6	19	2	21
7	20	1	21
8	18	3	21
9	17	4	21
10	16	5	21

11	19	2	21
12	16	5	21
13	19	2	21
14	20	1	21
15	15	6	21
16	16	5	21
17	18	3	21
18	19	2	21
19	16	5	21
20	17	4	21
21	19	2	21

Division - Kurseong Soil Conservation
Range - Upper Teesta Catchment Range
Beat - Kalijhora
Mouza/Block/Compartment - Setikhola, TLDP-4
Area - 2 Ha. (Creation Work)

Sample plot			
Row No.	Survived	Dead	Total Species
1	17	4	21
2	16	5	21
3	18	3	21
4	20	1	21
5	17	4	21
6	18	3	21
7	16	5	21
8	17	4	21
9	17	4	21
10	20	1	21
11	17	4	21
12	18	3	21
13	17	4	21
14	20	1	21
15	16	5	21
16	20	1	21
17	17	4	21
18	18	3	21
19	16	5	21
20	17	4	21
21	17	4	21

Division - Kurseong Soil Conservation
Range - Upper Teesta Catchment Range
Beat - Teesta
Mouza/Block/Compartment - Mangwa-1, TLDP-3
Area - 0.50 Ha. (Creation Work)

Sample plot (Bamboo plantation)			
Row No.	Survived	Dead	Total Species
1	15	6	21
2	17	4	21
3	13	8	21
4	15	6	21
5	12	9	21
6	16	5	21
7	18	3	21
8	12	9	21
9	17	4	21
10	14	7	21
11	12	9	21
12	15	6	21
13	18	3	21
14	13	8	21
15	15	6	21
16	17	4	21
17	14	7	21
18	16	5	21
19	12	9	21
20	14	7	21
21	17	4	21

Division - Kalimpong Forest
Range - Chel

Beat - Yangamkum
Mouza/Block/Compartment - Yangamkum Khasmal
Area - 6 Ha. (Creation Work)

Sample plot			
Row No.	Survived	Dead	Total Species
1	17	4	21
2	18	3	21
3	15	6	21
4	19	2	21
5	17	4	21
6	16	5	21
7	18	3	21
8	15	6	21
9	17	4	21
10	18	3	21
11	19	2	21
12	19	2	21
13	20	1	21
14	17	4	21
15	17	4	21
16	15	6	21
17	17	4	21
18	15	6	21
19	20	1	21
20	18	3	21
21	19	2	21

Division - Kalimpong Forest
Range - Chel
Beat - Yangamkum
Mouza/Block/Compartment - Yangamkum Khasmal
Area - 3.5 Ha. (Creation Work)

Sample plot			
Row No.	Survived	Dead	Total Species
1	18	3	21
2	19	2	21
3	16	5	21

4	15	6	21
5	17	4	21
6	18	3	21
7	18	3	21
8	18	3	21
9	16	5	21
10	17	4	21
11	20	1	21
12	18	3	21
13	19	2	21
14	21	0	21
15	20	1	21
16	18	3	21
17	17	4	21
18	19	2	21
19	18	3	21
20	16	5	21
21	15	6	21

Division - Kalimpong Forest
Range - Kalimpong
Beat - Rinkingpong
Mouza/Block/Compartment - Rinkingpong-4
Area - 2 Ha. (Creation Work)

Sample plot			
Row No.	Survived	Dead	Total Species
1	15	6	21
2	18	3	21
3	17	4	21
4	20	1	21
5	17	4	21
6	19	2	21
7	18	3	21
8	18	3	21
9	19	2	21
10	20	1	21
11	17	4	21
12	16	5	21
13	19	2	21
14	20	1	21

15	19	2	21
16	20	1	21
17	16	5	21
18	17	4	21
19	16	5	21
20	16	5	21
21	18	3	21

Division - Kalimpong Forest
Range - Kalimpong
Beat - Tarkhola
Mouza/Block/Compartment - Mangchu-2
Area - 1.387 Ha. (1st year Maintenance)

Sample plot			
Row No.	Survived	Dead	Total Species
1	17	4	21
2	13	8	21
3	16	5	21
4	13	8	21
5	16	5	21
6	18	3	21
7	17	4	21
8	12	9	21
9	14	7	21
10	15	6	21
11	16	5	21
12	17	4	21
13	13	8	21
14	18	3	21
15	16	5	21
16	15	6	21
17	12	9	21
18	14	7	21
19	17	4	21
20	13	8	21
21	16	5	21

Division - Kalimpong Forest

Range - Kalimpong
Beat - Tarkhola
Mouza/Block/Compartment - Bhalukhop-6
Area - 1.712 Ha. (1st year Maintenance)

Sample plot			
Row No.	Survived	Dead	Total Species
1	17	4	21
2	21	0	21
3	17	4	21
4	20	1	21
5	13	8	21
6	18	3	21
7	15	6	21
8	19	2	21
9	20	1	21
10	16	5	21
11	18	3	21
12	21	0	21
13	17	4	21
14	13	8	21
15	15	6	21
16	17	4	21
17	20	1	21
18	19	2	21
19	20	1	21
20	17	4	21
21	18	3	21

Division - Kalimpong Forest
Range - Pankhasari
Beat - Algarah
Mouza/Block/Compartment - Mairung-2
Area - 3.84 Ha. (1st year Maintenance)

Sample plot			
Row No.	Survived	Dead	Total Species
1	17	4	21
2	20	1	21

3	18	3	21
4	19	2	21
5	16	5	21
6	18	3	21
7	21	0	21
8	19	2	21
9	20	1	21
10	18	3	21
11	17	4	21
12	19	2	21
13	18	3	21
14	16	5	21
15	19	2	21
16	21	0	21
17	17	4	21
18	18	3	21
19	16	5	21
20	19	2	21
21	20	1	21

Division - Kalimpong Forest
Range - Neora
Beat - Gurubathan
Mouza/Block/Compartment - Sailee Resume Land
Area - 2.6 Ha. (1st year Maintenance)

Sample plot			
Row No.	Survived	Dead	Total Species
1	19	1	20
2	16	4	20
3	19	1	20
4	18	2	20
5	19	1	20
6	15	5	20
7	19	1	20
8	18	2	20
9	19	1	20
10	20	0	20
11	19	1	20

12	20	0	20
13	20	0	20
14	20	0	20
15	20	0	20
16	19	1	20
17	18	2	20
18	20	0	20
19	20	0	20
20	19	1	20
21	18	2	20

Division - Kalimpong Forest
Range - Jaldhaka
Beat - Khumani
Mouza/Block/Compartment - Khumani-2
Area - 2 Ha. (1st year Maintenance)

Sample plot			
Row No.	Survived	Dead	Total Species
1	17	4	21
2	18	3	21
3	20	1	21
4	21	0	21
5	16	5	21
6	19	2	21
7	20	1	21
8	16	5	21
9	19	2	21
10	18	3	21
11	20	1	21
12	18	3	21
13	17	4	21
14	21	0	21
15	19	2	21
16	16	5	21
17	20	1	21
18	19	2	21
19	17	4	21
20	18	3	21
21	20	1	21
Division - Darjeeling Forest			

Range - Ghoom Simana
Beat - Pugriabong
Mouza/Block/Compartment - Pugriabong-4
Area - 19 Ha. (Maintenance Work)

Sample plot - 1			
Row No.	Survived	Dead	Total Species
1	16	5	21
2	13	8	21
3	18	3	21
4	16	5	21
5	15	6	21
6	17	4	21
7	19	2	21
8	14	7	21
9	13	8	21
10	15	6	21
11	19	2	21
12	18	3	21
13	16	5	21
14	14	7	21
15	13	8	21
16	16	5	21
17	15	6	21
18	17	4	21
19	15	6	21
20	13	8	21
21	15	6	21

Sample plot - 2			
Row No.	Survived	Dead	Total Species
1	16	5	21
2	18	3	21
3	18	3	21
4	17	4	21
5	16	5	21
6	17	4	21
7	15	6	21
8	18	3	21
9	19	2	21
10	16	5	21

11	18	3	21
12	16	5	21
13	17	4	21
14	16	5	21
15	17	4	21
16	18	3	21
17	18	3	21
18	16	5	21
19	15	6	21
20	19	2	21
21	17	4	21

Sample plot - 3			
Row No.	Survived	Dead	Total Species
1	15	6	21
2	13	8	21
3	16	5	21
4	17	4	21
5	18	3	21
6	19	2	21
7	14	7	21
8	15	6	21
9	17	4	21
10	14	7	21
11	16	5	21
12	18	3	21
13	15	6	21
14	14	7	21
15	15	6	21
16	19	2	21
17	17	4	21
18	14	7	21
19	13	8	21
20	17	4	21
21	15	6	21

Sample plot - 4			
Row No.	Survived	Dead	Total Species
1	21	0	21
2	17	4	21
3	19	2	21

4	20	1	21
5	18	3	21
6	19	2	21
7	17	4	21
8	18	3	21
9	21	0	21
10	20	1	21
11	19	2	21
12	17	4	21
13	21	0	21
14	20	1	21
15	18	3	21
16	20	1	21
17	19	2	21
18	21	0	21
19	18	3	21
20	18	3	21
21	17	4	21

Division - Darjeeling Forest
Range - Teesta Valley
Beat - Geil
Mouza/Block/Compartment - Geil-2
Area - 15.19 ha. (Maintenance Work)

Sample plot - 1			
Row No.	Survived	Dead	Total Species
1	18	3	21
2	16	5	21
3	17	4	21
4	19	2	21
5	18	3	21
6	20	1	21
7	16	5	21
8	19	2	21
9	18	3	21
10	15	6	21
11	16	5	21
12	18	3	21
13	17	4	21
14	18	3	21

15	19	2	21
16	20	1	21
17	16	5	21
18	18	3	21
19	19	2	21
20	15	6	21
21	17	4	21

Sample plot - 2			
Row No.	Survived	Dead	Total Species
1	18	3	21
2	16	5	21
3	19	2	21
4	17	4	21
5	20	1	21
6	21	0	21
7	17	4	21
8	16	5	21
9	19	2	21
10	17	4	21
11	18	3	21
12	16	5	21
13	17	4	21
14	19	2	21
15	21	0	21
16	17	4	21
17	16	5	21
18	20	1	21
19	19	2	21
20	17	4	21
21	18	3	21

Sample plot - 3			
Row No.	Survived	Dead	Total Species
1	18	3	21
2	20	1	21
3	18	3	21
4	17	4	21
5	20	1	21
6	16	5	21
7	19	2	21
8	21	0	21

9	17	4	21
10	20	1	21
11	19	2	21
12	18	3	21
13	17	4	21
14	21	0	21
15	16	5	21
16	20	1	21
17	18	3	21
18	20	1	21
19	20	1	21
20	17	4	21
21	18	3	21

Division - Darjeeling Forest
Range - Ghoom Simana
Beat - Pugriabong
Mouza/Block/Compartment - Pugriabong-5
Area - 1.84 ha. (Maintenance Work)

Sample plot - 1			
Row No.	Survived	Dead	Total Species
1	16	5	21
2	17	4	21
3	19	2	21
4	18	3	21
5	16	5	21
6	15	6	21
7	18	3	21
8	20	1	21
9	17	4	21
10	17	4	21
11	18	3	21
12	15	6	21
13	16	5	21
14	19	2	21
15	16	5	21
16	17	4	21
17	17	4	21
18	18	3	21
19	16	5	21

20	20	1	21
21	17	4	21

Division - Gorumara WL. Division
Range - Gorumara South Range
Beat - Budhuram
Mouza/Block/Compartment - Borohati - III
Area - 6 Ha. (Creation Work)

Sample plot			
Row No.	Survived	Dead	Total Species
1	18	3	21
2	16	5	21
3	16	5	21
4	17	4	21
5	17	4	21
6	18	3	21
7	20	1	21
8	19	2	21
9	18	3	21
10	15	6	21
11	16	5	21
12	14	7	21
13	18	3	21
14	16	5	21
15	16	5	21
16	18	3	21
17	17	4	21
18	17	4	21
19	20	1	21
20	15	6	21
21	16	5	21

Division - Gorumara WL. Division
Range - Gorumara South Range
Beat - Dhupjhora
Mouza/Block/Compartment - Dhupjhora-IB
Area - 12 Ha. (Creation Work)

Sample plot - 1			
Row No.	Survived	Dead	Total Species
1	18	3	21
2	16	5	21
3	17	4	21
4	15	6	21
5	17	4	21
6	19	2	21
7	14	7	21
8	18	3	21
9	15	6	21
10	17	4	21
11	16	5	21
12	18	3	21
13	17	4	21
14	19	2	21
15	17	4	21
16	15	6	21
17	14	7	21
18	15	6	21
19	17	4	21
20	18	3	21
21	17	4	21

Sample plot - 2			
Row No.	Survived	Dead	Total Species
1	17	4	21
2	15	6	21
3	20	1	21
4	16	5	21
5	16	5	21
6	19	2	21
7	18	3	21
8	14	7	21
9	15	6	21

10	18	3	21
11	17	4	21
12	20	1	21
13	19	2	21
14	15	6	21
15	16	5	21
16	18	3	21
17	15	6	21
18	16	5	21
19	14	7	21
20	18	3	21
21	17	4	21

Division - Gorumara WL. Division
Range - Gorumara South Range
Beat - Gorumara
Mouza/Block/Compartment - Dhupjhora-IA
Area - 2 Ha. (Creation Work)

Sample plot			
Row No.	Survived	Dead	Total Species
1	16	5	21
2	13	8	21
3	16	5	21
4	14	7	21
5	17	4	21
6	15	6	21
7	14	7	21
8	13	8	21
9	16	5	21
10	16	5	21
11	15	6	21
12	12	9	21
13	14	7	21
14	16	5	21
15	13	8	21
16	16	5	21
17	15	6	21
18	13	8	21
19	17	4	21
20	14	7	21
21	14	7	21

Division - Gorumara WL. Division
Range - Gorumara North Range
Beat - Chapramari
Mouza/Block/Compartment - Chapramari - II
Area - 10 Ha. (Creation Work)

Sample plot - 1			
Row No.	Survived	Dead	Total Species
1	16	5	21
2	21	0	21
3	18	3	21
4	17	4	21
5	19	2	21
6	18	3	21
7	16	5	21
8	19	2	21
9	20	1	21
10	17	4	21
11	15	6	21
12	20	1	21
13	16	5	21
14	17	4	21
15	18	3	21
16	21	0	21
17	19	2	21
18	18	3	21
19	19	2	21
20	16	5	21
21	16	5	21

Sample plot - 2			
Row No.	Survived	Dead	Total Species
1	16	5	21
2	13	8	21
3	14	7	21
4	16	5	21
5	15	6	21
6	12	9	21
7	14	7	21
8	18	3	21
9	17	4	21

10	13	8	21
11	15	6	21
12	14	7	21
13	16	5	21
14	16	5	21
15	13	8	21
16	14	7	21
17	18	3	21
18	15	6	21
19	12	9	21
20	14	7	21
21	14	7	21

Division - Gorumara WL. Division
Range - Gorumara North Range
Beat - Murti
Mouza/Block/Compartment - Bhogolmardi-1
Area - 10 Ha. (Creation Work)

Sample plot - 1			
Row No.	Survived	Dead	Total Species
1	15	6	21
2	18	3	21
3	16	5	21
4	14	7	21
5	13	8	21
6	15	6	21
7	17	4	21
8	14	7	21
9	15	6	21
10	18	3	21
11	15	6	21
12	15	6	21
13	13	8	21
14	18	3	21
15	14	7	21
16	15	6	21
17	14	7	21
18	16	5	21
19	17	4	21
20	15	6	21

21	18	3	21
----	----	---	----

Sample plot - 2			
Row No.	Survived	Dead	Total Species
1	15	6	21
2	18	3	21
3	19	2	21
4	13	8	21
5	12	9	21
6	15	6	21
7	14	7	21
8	17	4	21
9	14	7	21
10	17	4	21
11	12	9	21
12	17	4	21
13	14	7	21
14	16	5	21
15	15	6	21
16	14	7	21
17	19	2	21
18	15	6	21
19	17	4	21
20	18	3	21
21	13	8	21

Division - Gorumara WL. Division
Range - Gorumara North Range
Beat - Murti
Mouza/Block/Compartment - Kakorjhora-2
Area - 10 Ha. (Maintenance Work)

Sample plot - 1 (Grass Fodder)			
Row No.	Survived	Dead	Total Species
1	21	0	21
2	21	0	21
3	21	0	21
4	21	0	21
5	21	0	21

6	21	0	21
7	21	0	21
8	21	0	21
9	21	0	21
10	21	0	21
11	21	0	21
12	21	0	21
13	21	0	21
14	21	0	21
15	21	0	21
16	21	0	21
17	21	0	21
18	21	0	21
19	21	0	21
20	21	0	21
21	21	0	21

Sample plot - 2 (Grass Fodder)			
Row No.	Survived	Dead	Total Species
1	21	0	21
2	21	0	21
3	21	0	21
4	21	0	21
5	21	0	21
6	21	0	21
7	21	0	21
8	21	0	21
9	21	0	21
10	21	0	21
11	21	0	21
12	21	0	21
13	21	0	21
14	21	0	21
15	21	0	21
16	21	0	21
17	21	0	21
18	21	0	21
19	21	0	21
20	21	0	21
21	21	0	21

Division - Jaldapara WL. Division
Range - Chilapata
Beat - Chilapata
Mouza/Block/Compartment - Ban - 7
Area - 11 Ha. (Creation Work)

Sample plot - 1			
Row No.	Survived	Dead	Total Species
1	26	0	26
2	22	2	24
3	21	4	25
4	25	1	26
5	23	3	26
6	23	3	26
7	20	5	25
8	20	4	24
9	22	2	24
10	21	2	23
11	18	4	22
12	22	4	26
13	23	4	27
14	25	1	26
15	23	2	25
16	22	4	26
17	19	3	22
18	20	4	24
19	22	4	26
20	19	4	23
21	23	2	25
22	20	4	24
23	26	0	26
24	21	5	26
25	22	2	

Sample plot - 2			
Row No.	Survived	Dead	Total Species
1	26	0	26
2	18	4	22
3	23	3	26

4	20	5	25
5	21	4	25
6	21	5	26
7	21	1	22
8	23	4	27
9	21	5	26
10	19	6	25
11	20	2	22
12	24	0	24
13	21	4	25
14	17	5	22
15	26	0	26
16	23	3	26
17	21	3	24
18	22	4	26
19	22	2	24
20	21	6	27
21	19	6	25
22	18	4	22
23	19	5	24
24	25	2	27
25	20	4	24
26	26	0	26
27	25	2	27

Sample plot - 3			
Row No.	Survived	Dead	Total Species
1	20	5	25
2	20	5	25
3	22	2	24
4	20	4	24
5	21	5	26
6	19	4	23
7	17	5	22
8	22	4	26
9	18	5	23
10	17	4	21
11	18	5	23
12	19	4	23
13	23	2	25
14	20	4	24
15	22	4	26

16	22	4	26
17	22	5	27
18	20	2	22
19	22	2	24
20	22	1	23
21	19	4	23
22	23	0	23
23	23	3	26

Sample plot - 4			
Row No.	Survived	Dead	Total Species
1	22	4	26
2	22	5	27
3	18	5	23
4	22	2	24
5	21	3	24
6	25	1	26
7	19	5	24
8	24	2	26
9	23	4	27
10	22	4	26
11	21	4	25
12	23	4	27
13	18	4	22
14	26	0	26
15	22	0	22
16	22	3	25
17	20	2	22
18	22	4	26
19	20	5	25
20	26	0	26
21	21	6	27
22	26	0	26
23	18	5	23
24	20	4	24
25	21	5	26
26	18	4	22

Division - Jaldapara WL. Division
Range - Chilapata
Beat - Bania
Mouza/Block/Compartment - Ban-4
Area - 19 Ha. (Creation Work)

Sample plot - 1			
Row No.	Survived	Dead	Total Species
1	23	3	26
2	24	2	26
3	22	3	25
4	21	4	25
5	17	5	22
6	21	4	25
7	20	4	24
8	20	2	22
9	24	2	26
10	26	0	26
11	22	5	27
12	18	6	24
13	25	0	25
14	19	6	25
15	20	2	22
16	19	2	21
17	18	4	22
18	21	5	26
19	20	3	23
20	21	3	24
21	24	3	27
22	26	0	26
23	19	3	22
24	24	2	26
25	25	0	25
26	22	4	26

Sample plot - 2			
Row No.	Survived	Dead	Total Species
1	20	6	26

2	22	2	24
3	26	0	26
4	27	0	27
5	19	4	23
6	21	4	25
7	17	4	21
8	17	4	21
9	20	5	25
10	17	5	22
11	20	6	26
12	24	2	26
13	24	2	26
14	21	3	24
15	21	3	24
16	18	4	22
17	22	2	24
18	19	5	24
19	17	4	21
20	18	6	24
21	22	2	24
22	20	6	26
23	26	0	26
24	26	0	26
25	25	1	26
26	20	4	24

Sample plot - 3			
Row No.	Survived	Dead	Total Species
1	22	4	26
2	23	1	24
3	22	3	25
4	21	5	26
5	22	5	27
6	22	5	27
7	19	5	24
8	26	0	26
9	18	6	24
10	22	5	27
11	16	5	21
12	21	4	25
13	22	2	24
14	20	6	26

15	23	3	26
16	22	4	26
17	21	4	25
18	23	3	26
19	24	2	26
20	25	1	26
21	17	4	21
22	24	0	24
23	22	4	26
24	24	2	26
25	20	5	25
26	26	0	26

Sample plot - 4			
Row No.	Survived	Dead	Total Species
1	21	3	24
2	20	6	26
3	25	1	26
4	26	0	26
5	22	2	24
6	20	3	23
7	21	2	23
8	21	3	24
9	18	4	22
10	24	2	26
11	17	4	21
12	24	2	26
13	22	3	25
14	22	3	25
15	21	5	26
16	26	0	26
17	23	4	27
18	18	4	22
19	23	3	26
20	18	5	23
21	22	2	24
22	23	4	27
23	21	3	24
24	21	5	26
25	24	2	26

Division - Jaldapara WL. Division
Range - Chilapata
Beat - Mendabari
Mouza/Block/Compartment - MB-1
Area - 15 Ha. (Creation Work)

Sample plot			
Row No.	Survived	Dead	Total Species
1	24	1	25
2	23	4	27
3	26	0	26
4	20	2	22
5	17	5	22
6	25	1	26
7	20	3	23
8	20	4	24
9	20	5	25
10	18	3	21
11	20	4	24
12	17	4	21
13	18	4	22
14	25	1	26
15	20	4	24
16	22	4	26
17	25	2	27
18	21	4	25
19	23	4	27
20	23	3	26
21	23	2	25
22	21	5	26
23	21	5	26
24	18	4	22
25	20	4	24
26	22	4	26

Division - Jaldapara WL. Division
Range - Jaldapara West
Beat - Hollong
Mouza/Block/Compartment - JP-5
Area - 20 Ha. (Maintenance Work)

Sample plot - 1 (Grass Fodder)			
Row No.	Survived	Dead	Total Species
1	21	0	21
2	21	0	21
3	21	0	21
4	21	0	21
5	21	0	21
6	21	0	21
7	21	0	21
8	21	0	21
9	21	0	21
10	21	0	21
11	21	0	21
12	21	0	21
13	21	0	21
14	21	0	21
15	21	0	21
16	21	0	21
17	21	0	21
18	21	0	21
19	21	0	21
20	21	0	21
21	21	0	21

Sample plot - 2 (Grass Fodder)			
Row No.	Survived	Dead	Total Species
1	21	0	21
2	21	0	21
3	21	0	21
4	21	0	21
5	21	0	21
6	21	0	21
7	21	0	21
8	21	0	21

9	21	0	21
10	21	0	21
11	21	0	21
12	21	0	21
13	21	0	21
14	21	0	21
15	21	0	21
16	21	0	21
17	21	0	21
18	21	0	21
19	21	0	21
20	21	0	21
21	21	0	21

Sample plot - 3 (Grass Fodder)			
Row No.	Survived	Dead	Total Species
1	21	0	21
2	21	0	21
3	21	0	21
4	21	0	21
5	21	0	21
6	21	0	21
7	21	0	21
8	21	0	21
9	21	0	21
10	21	0	21
11	21	0	21
12	21	0	21
13	21	0	21
14	21	0	21
15	21	0	21
16	21	0	21
17	21	0	21
18	21	0	21
19	21	0	21
20	21	0	21
21	21	0	21

Sample plot - 4 (Grass Fodder)			
Row No.	Survived	Dead	Total Species
1	21	0	21

2	21	0	21
3	21	0	21
4	21	0	21
5	21	0	21
6	21	0	21
7	21	0	21
8	21	0	21
9	21	0	21
10	21	0	21
11	21	0	21
12	21	0	21
13	21	0	21
14	21	0	21
15	21	0	21
16	21	0	21
17	21	0	21
18	21	0	21
19	21	0	21
20	21	0	21
21	21	0	21

Division - Jaldapara WL. Division
Range - Jaldapara West
Beat - Salkumar
Mouza/Block/Compartment - SK-4
Area - 5 Ha. (Maintenance Work)

Sample plot (Grass Fodder)			
Row No.	Survived	Dead	Total Species
1	21	0	21
2	21	0	21
3	21	0	21
4	21	0	21
5	21	0	21
6	21	0	21
7	21	0	21
8	21	0	21
9	21	0	21

10	21	0	21
11	21	0	21
12	21	0	21
13	21	0	21
14	21	0	21
15	21	0	21
16	21	0	21
17	21	0	21
18	21	0	21
19	21	0	21
20	21	0	21
21	21	0	21

Division - Cooch-Bihar
Range - Pundibari
Beat - Pundibari Range HQ
Mouza/Block/Compartment - Chhat Singhimari
Area - 1.564 Ha. (Creation Work)

Sample plot			
Row No.	Survived	Dead	Total Species
1	21	5	26
2	17	10	27
3	22	4	26
4	13	11	24
5	20	6	26
6	18	9	27
7	13	12	25
8	12	14	26
9	11	15	26
10	12	16	28
11	16	11	27
12	18	9	27
13	14	11	25
14	20	6	26
15	14	12	26
16	17	9	26
17	18	8	26
18	18	9	27
19	19	8	27
20	18	10	28

21	20	7	27
22	22	7	29
23	18	8	26
24	15	12	27
25	17	10	27
26	22	6	28

Division - Jalpaiguri Division
Range - Diana
Beat - Carron
Mouza/Block/Compartment - North Diana Block
Area - 8.062 Ha. (Creation Work)

Sample plot - 1			
Row No.	Survived	Dead	Total Species
1	26	0	26
2	26	0	26
3	26	0	26
4	25	1	26
5	26	0	26
6	26	0	26
7	24	2	26
8	26	0	26
9	26	0	26
10	26	0	26
11	26	0	26
12	26	0	26
13	24	2	26
14	25	1	26
15	25	1	26
16	26	0	26
17	26	0	26
18	26	0	26
19	25	1	26
20	25	1	26
21	25	1	26
22	24	2	26
23	26	0	26
24	26	0	26
25	26	0	26
26	26	0	26

Sample plot - 2			
Row No.	Survived	Dead	Total Species
1	26	0	26
2	25	1	26
3	26	0	26
4	24	2	26
5	26	0	26
6	24	2	26
7	26	0	26
8	26	0	26
9	26	0	26
10	26	0	26
11	25	1	26
12	25	1	26
13	26	0	26
14	26	0	26
15	26	0	26
16	26	0	26
17	25	1	26
18	25	1	26
19	26	0	26
20	26	0	26
21	25	1	26
22	24	2	26
23	26	0	26
24	26	0	26
25	26	0	26
26	25	1	26

Division - Jalpaiguri Division
Range - Diana
Beat - Khairakata
Mouza/Block/Compartment - Central Diana Block
Area - 2 Ha. (Maintenance Work)

Sample plot			
Row No.	Survived	Dead	Total Species
1	23	3	26
2	26	0	26

3	24	2	26
4	23	3	26
5	25	1	26
6	21	5	26
7	22	4	26
8	26	0	26
9	24	2	26
10	25	1	26
11	26	0	26
12	26	0	26
13	25	1	26
14	23	3	26
15	24	2	26
16	25	1	26
17	26	0	26
18	25	1	26
19	26	0	26
20	23	3	26
21	25	1	26
22	26	0	26
23	22	4	26
24	26	0	26
25	24	2	26
26	21	5	26

Division - Silviculture North Division
Range - Jalpaiguri Research Range
Beat - NA
Mouza/Block/Compartment - Sursuti-3
Area - 8 Ha. (Creation Work)

Sample plot - 1			
Row No.	Survived	Dead	Total Species
1	16	9	25
2	18	7	25
3	15	10	25
4	17	8	25
5	13	12	25
6	14	11	25
7	16	9	25
8	13	12	25

9	17	8	25
10	18	7	25
11	14	11	25
12	15	10	25
13	16	9	25
14	17	8	25
15	12	13	25
16	11	14	25
17	13	12	25
18	15	10	25
19	17	8	25
20	18	7	25
21	15	10	25
22	13	12	25
23	16	9	25
24	13	12	25
25	14	11	25

Sample plot - 2			
Row No.	Survived	Dead	Total Species
1	6	19	25
2	9	16	25
3	8	17	25
4	9	16	25
5	10	15	25
6	7	18	25
7	6	19	25
8	8	17	25
9	5	20	25
10	11	14	25
11	7	18	25
12	9	16	25
13	10	15	25
14	8	17	25
15	6	19	25
16	8	17	25
17	7	18	25
18	9	16	25
19	9	16	25
20	12	13	25
21	5	20	25
22	7	18	25
23	8	17	25

24	5	20	25
25	7	18	25

Division - Silviculture North Division
Range - Buxa-Coochbehar Research Range
Beat - NA
Mouza/Block/Compartment - Compartment-6
Area - 4 Ha. (Creation Work)

Sample plot			
Row No.	Survived	Dead	Total Species
1	20	5	25
2	21	4	25
3	18	7	25
4	19	6	25
5	22	3	25
6	21	4	25
7	20	5	25
8	22	3	25
9	21	4	25
10	23	2	25
11	23	2	25
12	22	3	25
13	20	5	25
14	19	6	25
15	22	3	25
16	20	5	25
17	23	2	25
18	21	4	25
19	24	1	25
20	22	3	25
21	19	6	25
22	18	7	25
23	20	5	25
24	18	7	25
25	17	8	25

Division - Silviculture North Division
Range - Salugarah Lab Range
Beat - NA
Mouza/Block/Compartment - Debgram-9
Area - 4 Ha. (Creation Work)

Sample plot			
Row No.	Survived	Dead	Total Species
1	26	0	26
2	24	2	26
3	23	3	26
4	24	2	26
5	24	2	26
6	23	3	26
7	26	0	26
8	26	0	26
9	24	2	26
10	22	4	26
11	26	0	26
12	25	1	26
13	26	0	26
14	24	2	26
15	25	1	26
16	25	1	26
17	26	0	26
18	24	2	26
19	22	4	26
20	26	0	26
21	22	4	26
22	24	2	26
23	24	2	26
24	26	0	26
25	25	1	26

Division - Silviculture Hill Division
Range - Hill Research Range-II (Sonada)
Beat - NA
Mouza/Block/Compartment - Senchal Catchment Area
Area - 3 Ha. (Creation Work)

Sample plot			
Row No.	Survived	Dead	Total Species
1	17	4	21
2	20	1	21
3	14	7	21
4	16	5	21
5	21	0	21
6	18	3	21
7	19	2	21
8	17	4	21
9	15	6	21
10	20	1	21
11	16	5	21
12	14	7	21
13	17	4	21
14	21	0	21
15	19	2	21
16	15	6	21
17	18	3	21
18	20	1	21
19	17	4	21
20	17	4	21
21	20	1	21

Division - Silviculture Hill Division
Range - Kalimpong Upper Hill research Range
Beat - NA
Mouza/Block/Compartment - Kolbong-IB
Area - 1.30 Ha. (Creation Work)

Sample plot			
Row No.	Survived	Dead	Total Species
1	20	1	21
2	21	0	21
3	17	4	21
4	20	1	21
5	18	3	21
6	19	2	21
7	20	1	21
8	21	0	21
9	21	0	21
10	21	0	21
11	17	4	21
12	19	2	21
13	18	3	21
14	21	0	21
15	20	1	21
16	19	2	21
17	18	3	21
18	19	2	21
19	21	0	21
20	20	1	21
21	21	0	21

Division - Silviculture Hill Division
Range - Kalimpong Upper Hill research Range
Beat - NA
Mouza/Block/Compartment - Lava-1
Area - 2.10 Ha. (Creation Work)

Sample plot			
Row No.	Survived	Dead	Total Species
1	18	3	21
2	20	1	21
3	19	2	21
4	20	1	21
5	21	0	21
6	18	3	21
7	21	0	21
8	17	4	21
9	20	1	21
10	21	0	21
11	18	3	21
12	19	2	21
13	20	1	21
14	19	2	21
15	21	0	21
16	17	4	21
17	21	0	21
18	21	0	21
19	19	2	21
20	20	1	21
21	21	0	21

Division - Silviculture Hill Division
Range - Kurseong Research Range
Beat - NA
Mouza/Block/Compartment - Sukna
Area - 3.046 Ha. (Creation Work)

Sample plot			
Row No.	Survived	Dead	Total Species
1	17	4	21
2	18	3	21
3	20	1	21
4	16	5	21
5	18	3	21
6	19	2	21
7	20	1	21
8	17	4	21
9	19	2	21
10	20	1	21
11	16	5	21
12	20	1	21
13	18	3	21
14	17	4	21
15	19	2	21
16	19	2	21
17	20	1	21
18	17	4	21
19	20	1	21
20	16	5	21
21	18	3	21

Division - BTR West Division
Range - West Damanpur
Beat - West Garam
Mouza/Block/Compartment - Poro-8
Area - 23 Ha. (Maintenance Work)

Sample plot - 1			
Row No.	Survived	Dead	Total Species
1	26	0	26
2	22	0	22
3	25	0	25
4	26	0	26
5	22	0	22
6	26	0	26
7	23	0	23
8	24	0	24
9	26	0	26
10	22	0	22
11	23	0	23
12	26	0	26
13	26	0	26
14	25	0	25
15	26	0	26
16	25	0	25
17	26	0	26
18	26	0	26
19	24	0	24
20	25	0	25
21	24	0	24
22	26	0	26
23	26	0	26
24	22	0	22
25	25	0	25
26	26	0	26

Sample plot - 2			
Row No.	Survived	Dead	Total Species
1	26	0	26
2	25	0	25
3	23	0	23
4	24	0	24
5	25	0	25

6	23	0	23
7	26	0	26
8	26	0	26
9	25	0	25
10	22	0	22
11	24	0	24
12	26	0	26
13	26	0	26
14	24	0	24
15	26	0	26
16	24	0	24
17	26	0	26
18	26	0	26
19	24	0	24
20	25	0	25
21	24	0	24
22	26	0	26
23	26	0	26
24	26	0	26
25	25	0	25
26	26	0	26

Sample plot - 3			
Row No.	Survived	Dead	Total Species
1	25	0	25
2	24	0	24
3	26	0	26
4	26	0	26
5	22	0	22
6	25	0	25
7	26	0	26
8	22	0	22
9	24	0	24
10	26	0	26
11	26	0	26
12	24	0	24
13	26	0	26
14	24	0	24
15	26	0	26
16	26	0	26
17	26	0	26
18	26	0	26

19	26	0	26
20	22	0	22
21	25	0	25
22	26	0	26
23	24	0	24
24	26	0	26
25	25	0	25
26	26	0	26

Sample plot - 4			
Row No.	Survived	Dead	Total Species
1	23	0	23
2	23	0	23
3	22	0	22
4	24	0	24
5	26	0	26
6	25	0	25
7	25	0	25
8	24	0	24
9	23	0	23
10	26	0	26
11	26	0	26
12	22	0	22
13	24	0	24
14	26	0	26
15	24	0	24
16	22	0	22
17	26	0	26
18	23	0	23
19	23	0	23
20	24	0	24
21	25	0	25
22	22	0	22
23	25	0	25
24	24	0	24
25	26	0	26
26	22	0	22

Sample plot - 5			
Row No.	Survived	Dead	Total Species
1	24	0	24

2	26	0	26
3	24	0	24
4	22	0	22
5	26	0	26
6	24	0	24
7	22	0	22
8	26	0	26
9	24	0	24
10	25	0	25
11	24	0	24
12	23	0	23
13	22	0	22
14	26	0	26
15	23	0	23
16	25	0	25
17	24	0	24
18	22	0	22
19	23	0	23
20	26	0	26
21	24	0	24
22	25	0	25
23	23	0	23
24	24	0	24
25	22	0	22
26	23	0	23

Division - BTR West Division
Range - West Damanpur
Beat - East Garam
Mouza/Block/Compartment - DPO-6
Area - 23.5 Ha. (Maintenance Work)

Sample plot - 1			
Row No.	Survived	Dead	Total Species
1	26	0	26
2	24	0	24
3	26	0	26
4	23	0	23
5	23	0	23
6	23	0	23
7	26	0	26

8	22	0	22
9	26	0	26
10	22	0	22
11	25	0	25
12	23	0	23
13	25	0	25
14	26	0	26
15	24	0	24
16	26	0	26
17	23	0	23
18	26	0	26
19	25	0	25
20	22	0	22
21	24	0	24
22	25	0	25
23	26	0	26
24	26	0	26
25	24	0	24
26	25	0	25

Sample plot - 2			
Row No.	Survived	Dead	Total Species
1	22	0	22
2	26	0	26
3	25	0	25
4	24	0	24
5	24	0	24
6	26	0	26
7	25	0	25
8	21	0	21
9	23	0	23
10	20	0	20
11	22	0	22
12	25	0	25
13	25	0	25
14	21	0	21
15	21	0	21
16	24	0	24
17	26	0	26
18	22	0	22
19	25	0	25
20	26	0	26

21	23	0	23
22	25	0	25
23	23	0	23
24	24	0	24
25	25	0	25
26	22	0	22

Sample plot - 3			
Row No.	Survived	Dead	Total Species
1	20	0	20
2	23	0	23
3	26	0	26
4	24	0	24
5	26	0	26
6	21	0	21
7	23	0	23
8	25	0	25
9	26	0	26
10	20	0	20
11	24	0	24
12	25	0	25
13	23	0	23
14	26	0	26
15	25	0	25
16	25	0	25
17	23	0	23
18	21	0	21
19	26	0	26
20	24	0	24
21	21	0	21
22	25	0	25
23	20	0	20
24	20	0	20
25	24	0	24
26	23	0	23

Sample plot - 4			
Row No.	Survived	Dead	Total Species
1	24	0	24

2	24	0	24
3	25	0	25
4	21	0	21
5	23	0	23
6	26	0	26
7	24	0	24
8	22	0	22
9	26	0	26
10	21	0	21
11	23	0	23
12	25	0	25
13	25	0	25
14	22	0	22
15	25	0	25
16	22	0	22
17	26	0	26
18	26	0	26
19	25	0	25
20	22	0	22
21	21	0	21
22	24	0	24
23	23	0	23
24	26	0	26
25	25	0	25
26	24	0	24

Division - BTR West Division
Range - Nimati
Beat - East Nimati
Mouza/Block/Compartment - Nimati-3
Area - 10 Ha. (Maintenance Work)

Sample plot - 1 (Grass Fodder)			
Row No.	Survived	Dead	Total Species
1	51	0	51
2	51	0	51
3	51	0	51
4	51	0	51
5	51	0	51
6	51	0	51

7	51	0	51
8	51	0	51
9	51	0	51
10	51	0	51
11	51	0	51
12	51	0	51
13	51	0	51
14	51	0	51
15	51	0	51
16	51	0	51
17	51	0	51
18	51	0	51
19	51	0	51
20	51	0	51
21	51	0	51
22	51	0	51
23	51	0	51
24	51	0	51
25	51	0	51
26	51	0	51
27	51	0	51
28	51	0	51
29	51	0	51
30	51	0	51
31	51	0	51
32	51	0	51
33	51	0	51
34	51	0	51
35	51	0	51
36	51	0	51
37	51	0	51
38	51	0	51
39	51	0	51
40	51	0	51
41	51	0	51
42	51	0	51
43	51	0	51
44	51	0	51
45	51	0	51
46	51	0	51
47	51	0	51
48	51	0	51
49	51	0	51
50	51	0	51

51	51	0	51
----	----	---	----

Sample plot - 2 (Grass Fodder)			
Row No.	Survived	Dead	Total Species
1	51	0	51
2	51	0	51
3	51	0	51
4	51	0	51
5	51	0	51
6	51	0	51
7	51	0	51
8	51	0	51
9	51	0	51
10	51	0	51
11	51	0	51
12	51	0	51
13	51	0	51
14	51	0	51
15	51	0	51
16	51	0	51
17	51	0	51
18	51	0	51
19	51	0	51
20	51	0	51
21	51	0	51
22	51	0	51
23	51	0	51
24	51	0	51
25	51	0	51
26	51	0	51
27	51	0	51
28	51	0	51
29	51	0	51
30	51	0	51
31	51	0	51
32	51	0	51
33	51	0	51
34	51	0	51
35	51	0	51
36	51	0	51
37	51	0	51

38	51	0	51
39	51	0	51
40	51	0	51
41	51	0	51
42	51	0	51
43	51	0	51
44	51	0	51
45	51	0	51
46	51	0	51
47	51	0	51
48	51	0	51
49	51	0	51
50	51	0	51
51	51	0	51

Division - BTR West Division
Range - WRVK
Beat - NRVK
Mouza/Block/Compartment - SRVK-2
Area - 10 Ha. (Maintenance Work)

Sample plot - 1 (Grass Fodder)			
Row No.	Survived	Dead	Total Species
1	51	0	51
2	51	0	51
3	51	0	51
4	51	0	51
5	51	0	51
6	51	0	51
7	51	0	51
8	51	0	51
9	51	0	51
10	51	0	51
11	51	0	51
12	51	0	51
13	51	0	51
14	51	0	51
15	51	0	51
16	51	0	51
17	51	0	51
18	51	0	51

19	51	0	51
20	51	0	51
21	51	0	51
22	51	0	51
23	51	0	51
24	51	0	51
25	51	0	51
26	51	0	51
27	51	0	51
28	51	0	51
29	51	0	51
30	51	0	51
31	51	0	51
32	51	0	51
33	51	0	51
34	51	0	51
35	51	0	51
36	51	0	51
37	51	0	51
38	51	0	51
39	51	0	51
40	51	0	51
41	51	0	51
42	51	0	51
43	51	0	51
44	51	0	51
45	51	0	51
46	51	0	51
47	51	0	51
48	51	0	51
49	51	0	51
50	51	0	51
51	51	0	51
Sample plot - 2 (Grass Fodder)			
Row No.	Survived	Dead	Total Species
1	51	0	51
2	51	0	51
3	51	0	51
4	51	0	51
5	51	0	51
6	51	0	51

7	51	0	51
8	51	0	51
9	51	0	51
10	51	0	51
11	51	0	51
12	51	0	51
13	51	0	51
14	51	0	51
15	51	0	51
16	51	0	51
17	51	0	51
18	51	0	51
19	51	0	51
20	51	0	51
21	51	0	51
22	51	0	51
23	51	0	51
24	51	0	51
25	51	0	51
26	51	0	51
27	51	0	51
28	51	0	51
29	51	0	51
30	51	0	51
31	51	0	51
32	51	0	51
33	51	0	51
34	51	0	51
35	51	0	51
36	51	0	51
37	51	0	51
38	51	0	51
39	51	0	51
40	51	0	51
41	51	0	51
42	51	0	51
43	51	0	51
44	51	0	51
45	51	0	51
46	51	0	51
47	51	0	51
48	51	0	51
49	51	0	51

50	51	0	51
51	51	0	51

Division - BTR East Division
Range - South Raydak
Beat - South Raydak
Mouza/Block/Compartment - Dhawla-1
Area - 21 Ha. (Creation Work)

Sample plot - 1			
Row No.	Survived	Dead	Total Species
1	22	3	25
2	21	4	25
3	24	1	25
4	24	1	25
5	25	0	25
6	24	1	25
7	23	2	25
8	23	2	25
9	23	2	25
10	25	0	25
11	21	4	25
12	23	2	25
13	21	4	25
14	25	0	25
15	24	1	25
16	25	0	25
17	22	3	25
18	23	2	25
19	24	1	25
20	22	3	25
21	24	1	25
22	25	0	25
23	25	0	25
24	22	3	25
25	25	0	25
26	21	4	25

Sample plot - 2			
Row No.	Survived	Dead	Total Species

1	21	4	25
2	22	3	25
3	19	6	25
4	23	2	25
5	21	4	25
6	21	4	25
7	22	3	25
8	20	5	25
9	22	3	25
10	21	4	25
11	20	5	25
12	23	2	25
13	23	2	25
14	21	4	25
15	24	1	25
16	24	1	25
17	23	2	25
18	22	3	25
19	19	6	25
20	20	5	25
21	21	4	25
22	19	6	25
23	20	5	25
24	22	3	25
25	19	6	25
26	18	7	25

Sample plot - 3			
Row No.	Survived	Dead	Total Species
1	20	5	25
2	23	2	25
3	21	4	25
4	21	4	25
5	20	5	25
6	25	0	25
7	23	2	25
8	24	1	25
9	22	3	25
10	21	4	25
11	22	3	25
12	24	1	25
13	20	5	25
14	23	2	25

15	25	0	25
16	20	5	25
17	24	1	25
18	23	2	25
19	20	5	25
20	21	4	25
21	23	2	25
22	22	3	25
23	25	0	25
24	21	4	25
25	20	5	25
26	21	4	25

Sample plot - 4			
Row No.	Survived	Dead	Total Species
1	23	2	25
2	22	3	25
3	24	1	25
4	21	4	25
5	22	3	25
6	23	2	25
7	23	2	25
8	22	3	25
9	20	5	25
10	24	1	25
11	25	0	25
12	22	3	25
13	23	2	25
14	25	0	25
15	21	4	25
16	20	5	25
17	22	3	25
18	22	3	25
19	23	2	25
20	21	4	25
21	24	1	25
22	23	2	25
23	21	4	25
24	24	1	25
25	23	2	25
26	22	3	25

Division - BTR East Division
Range - South Raydak
Beat - South Raydak
Mouza/Block/Compartment - Dhawla-2
Area - 12 Ha. (Maintenance Work)

Sample plot - 1			
Row No.	Survived	Dead	Total Species
1	12	10	22
2	12	8	20
3	19	3	22
4	23	2	25
5	21	3	24
6	17	5	22
7	18	2	20
8	20	3	23
9	17	5	22
10	19	3	22
11	19	3	22
12	21	1	22
13	20	2	22
14	18	4	22
15	18	2	20
16	20	3	23
17	20	3	23
18	18	4	22
19	19	3	22
20	18	3	21
21	19	2	21
22	21	1	22
23	20	3	23
24	22	2	24
25	16	5	21
26	18	4	22

Sample plot - 2			
Row No.	Survived	Dead	Total Species
1	23	0	23
2	24	1	25

3	21	2	23
4	20	3	23
5	19	4	23
6	22	1	23
7	22	2	24
8	23	0	23
9	20	3	23
10	22	2	22
11	20	1	21
12	20	3	23
13	24	1	25
14	22	2	22
15	18	3	21
16	21	0	21
17	22	2	24
18	22	1	23
19	20	3	23
20	19	2	21
21	23	0	23
22	21	2	23
23	20	1	21
24	19	4	23
25	18	3	21
26	23	0	23

Saikat Manna . 

Ranjana Saha .

Tayam Das .