

SITE INSPECTION REPORT

1	Name of the Project	Construction of 220 KV DC Transmission line from existing 220/132 KV grid substation at Kesinga, Kalahandi District to proposed 220/132/33 KV Grid substation at Sirtiguda, Kandhamal District.
2	Name of the District/Division	Kalahandi/ Kalahandi North Division
3	Date of Inspection	12.04.2023 – non-Forest Areas 25.04.2023 – Forest Areas 27.06.2023 – Forest Areas 01.07.2023 – Gramya Jungle
4	Name & Designation of Inspecting Officer	Sri Anurag Mishra, IFS Divisional Forest Officer, Kalahandi North Division
5	Name & Designation of the officers who attended the inspection including representative of User Agency	Sri Prabhudatta Himansu Mishra (Assistant Conservator of Forests, Kalahandi North Division), Sri Asit Kumar Dash (Forest Range Officer, M. Rampur) Sri Dinabandhu Meher (Forest Range Officer, Kesinga), Sri Dillip Kumar Mohanty (General Manager, (Elect.), E.H.T (Const) Division, OPTCL, Berhampur, Sri Rabindranath Dakua, (Deputy General Manager, (Elect.) E.H.T (Const) Division, OPTCL, Berhampur) Sri Srimant Kumar Patel. (Sub-Divisional Officer, (Elect.) E.H.T (Const) Sub-Division, OPTCL, Balliguda,) Sri Malayaranjan Dalabehera, (Asst. Manager (Elect.) E.H.T (Const) Sub-Division, OPTCL Balliguda)
6	Legal status of forest land with area proposed for diversion	Gramya Jungle - 14.434 Ha Reserved Forest (Taprang RF) - 26.771 Ha <u>DPF (Laitara DPF) - 1.748 Ha</u> Total - 42.953 Ha.
7	If area required for diversion has been demarcated on the ground	Yes
8	Item-wise breakup of the forest land proposed for diversion	Tower land - 0.514 Ha Transmission Line - 42.439 Ha
9	Condition of vegetation & type of forest in applied area	There is vegetation of mainly Sal, quality III to IV. Other than Sal in Taprang RF Sahaj, Bija, Jamun and Arjun are the species with highest abundance. As per Champion and Seth classification of forests, the forests of Taprang RF comes under 3C/c2(e) Northern Moist Deciduous Forest. The site comes under Eco Class-I. Canopy density ranges between 0.6 to 0.8

10	Position of wildlife in general	The area required for diversion falls within prime elephant habitat of Taprang RF. This area also serves as a movement route for elephant herds from Madanpur Rampur Range to Narla Range and also to Balangir and Balliguda Division. (Elephant movement data vis-à-vis position of the corridor has been illustrated in Annexure 1).
11	Whether the applied area is involved with any eco sensitive zone/national park/Sanctuary	No, the applied area is not within any Eco sensitive Zone/National Park/Sanctuary.
12	Nos. of trees to be felled and its impact on the system	14502 trees RF - 5918 nos DPF- 253 nos Gramya Jungle - 1231 nos Non-Forest (Govt.) - 177 nos Non-Forest (Pvt.) - 6923 nos Felling of trees might cause loss of ecosystem services in the forest and non-forest lands, and loss of elephant habitat.
13	Details of broken up area and reclamation done, if any	Nil
14	Position of displacement of people and adequacy of rehabilitation, if any	Nil
15	Position of rare and endangered species available or importance of area from eco social point of view	Other threatened species (as per IUCN classification) that have been recorded in these forests include Leopards (Vulnerable), Pangolin (Threatened), Mouse deer (Threatened), Hill Myna (Threatened), Brown Fish Owl (Threatened), Jungle Owlet (Threatened), Flying squirrel (Threatened), Indian Rock Python (Threatened). According to the 2011 census there are 20 villages and a population of 24824 in vicinity of the forest area being diverted. Since the area being diverted is prime elephant habitat, there is a chance of increase in human-elephant conflict due to loss of forests.
16	Non-forest land used in the project and non-forest land selected for compensatory afforestation included in the DLC report or not.	Comp. Afforestation will be taken up in the degraded forest land only <u>Kalahandi North Division</u> 1. Podmundi (Brahmani RF) - 25.00 Ha 2. Pattola (Sinang RF) - 25.00 Ha 3. Hatimunda (Th. Gundi DPF) - 25.00 Ha 4. Bazargarh RF - 100 Ha <u>Subarnapur Division</u> 1. Hatlimunda RF - 100 Ha.
17	Suitability of identified non forest area for Compensatory Afforestation	Not been identified in non-forest area

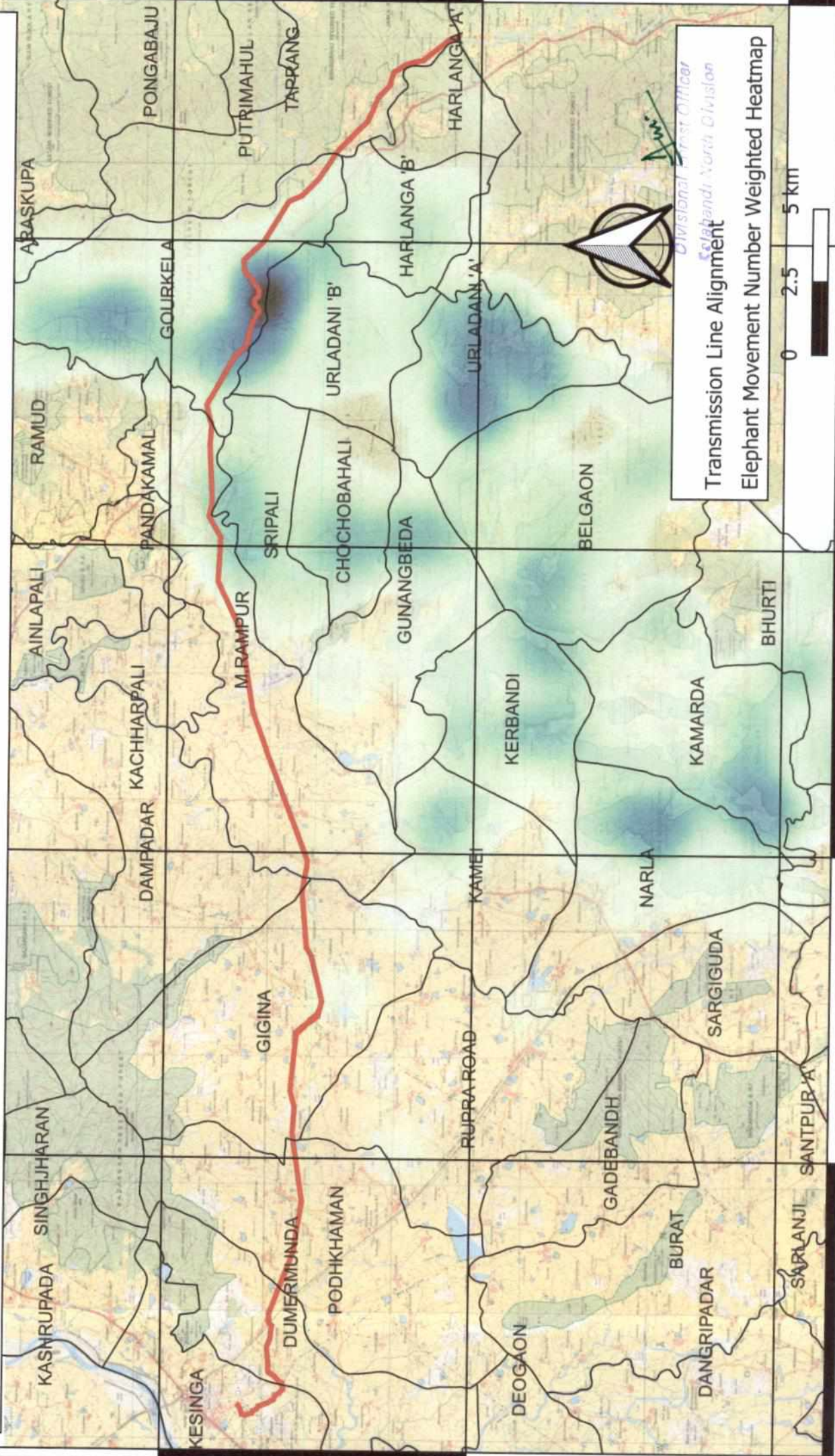
18 Violation of forest (Conservation) Act, 1980, if any and action taken there on.	6 numbers of towers have been erected in forest (Taprang RF) with a total area of 0.0363 ha 17 numbers of towers have been erected in Gramya Jangal (4 in Kesinga range, total area of 0.0227 ha and 13 in M Rampur range, total area of 0.0841 ha) with a total area of 0.1068 ha Total land area under violation amounts to 0.1431 ha Details (GPS coordinates, land status, area involved) of each of these sites is given in Annexure 2.
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Date _____

Place _____


 Divisional Forest Officer,
 Kalahandi North Division.

OPTCL Baliguda Transmission Line and Elephant Movement



Annexure 2

Abstract of sites where violation has occurred in 220 kv Kesinga-Balliguda OPTCL

Tower Sl no.	area in m2	Latitude	Longitude	Village Name	Plot_No	Hal_Kissam	Sabik_Kissam
Gramya Jangal in Madanpur Rampur							
105	44.782	20.16553056	83.42804167	Tulapada_Sh_2	221	Gramya Jungle	Patra Jungle
113	70.098	20.172675	83.44862222	Sadingatara_Sh_2	458	Gramya Jungle	Gramya Jungle
115	56.1001	20.17341111	83.45331389	Seragara_Sh_1	29	Ata	Patra Jungle
157	70.098	20.18386111	83.55430833	Gaurakela_Sh_1	321	Gramya Jungle	Gochar
158	44.782	20.18275833	83.55624722	Gaurakela_Sh_1	315	Ata	Patra Jungle
192	56.1001	20.15416667	83.618825	Kurupadar_Sh_1	109	Patra Jungle	Patra Jungle
193	70.098	20.15222472	83.6208748	Gaurakela_Sh_1	315	Ata	Patra Jungle
194	44.782	20.15080556	83.62323056	Kurupadar_Sh_2	311	Road	Gramya Jungle
205	110.376036	20.13353245	83.64696271	Birabaru_Sh_2	819	Dunguri	Patra Jungle
207	89.10416025	20.12991859	83.65076112	Birabaru_Sh_2	905	Patra Jungle	Patra Jungle
208	44.782	20.12910556	83.65343611	Birabaru_Sh_2	1016	Ata	Patra Jungle
211	70.098	20.12419614	83.65798496	Putrimahula_Sh_1	101	Patra Jungle	Ghasa Padia
216	70.098	20.11383889	83.66349444	Putrimahula_Sh_2	202	Patra Jungle	Ghasa Padia
Total area	841.2983963						

Gramya Jangal in Kesinga

83	44.782	20.15792222	83.32943056	Gidhimala_Sh_1	171	Gramya Jungle	Gramya Jungle
54	70.098	20.15719167	83.31661111	Tuting_Sh_1	315	Ata	Patra Jungle
84	56.1001	20.15415278	83.37172778	Shripura_Sh_1	946	Mala	Gramya Jungle
49	56.1001	20.15690833	83.302575	Jurkabhadi_Sh_1	973	Gramya Jungle	Gochara

Total area 227.0802

Total GJ area 1068.378596

Taprang Reserve Forest

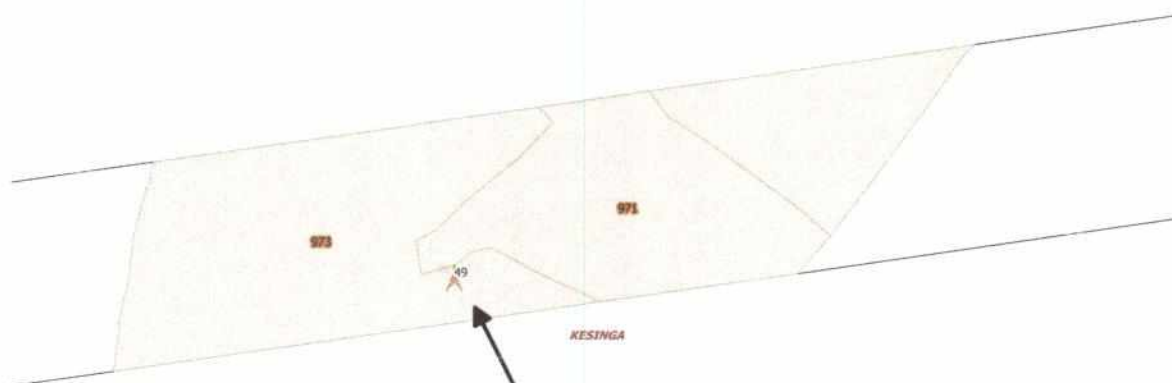
186	44.78	20.16491111	83.60865556				
187	56.1	20.16348611	83.61095				
188	79.76	20.16227778	83.61294444				
189	44.78	20.160175	83.61388333				
190	70.04	20.15791667	83.61488889				
191	68.4	20.15617222	83.61668333				

Total area 363.86

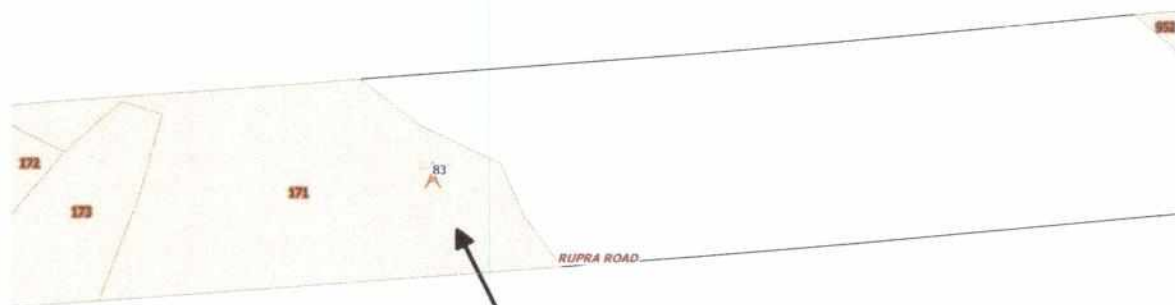
Overall area 1432.238596

Anu
Divisional Forest Officer
Katahandi North Division

ANNEXURE-3

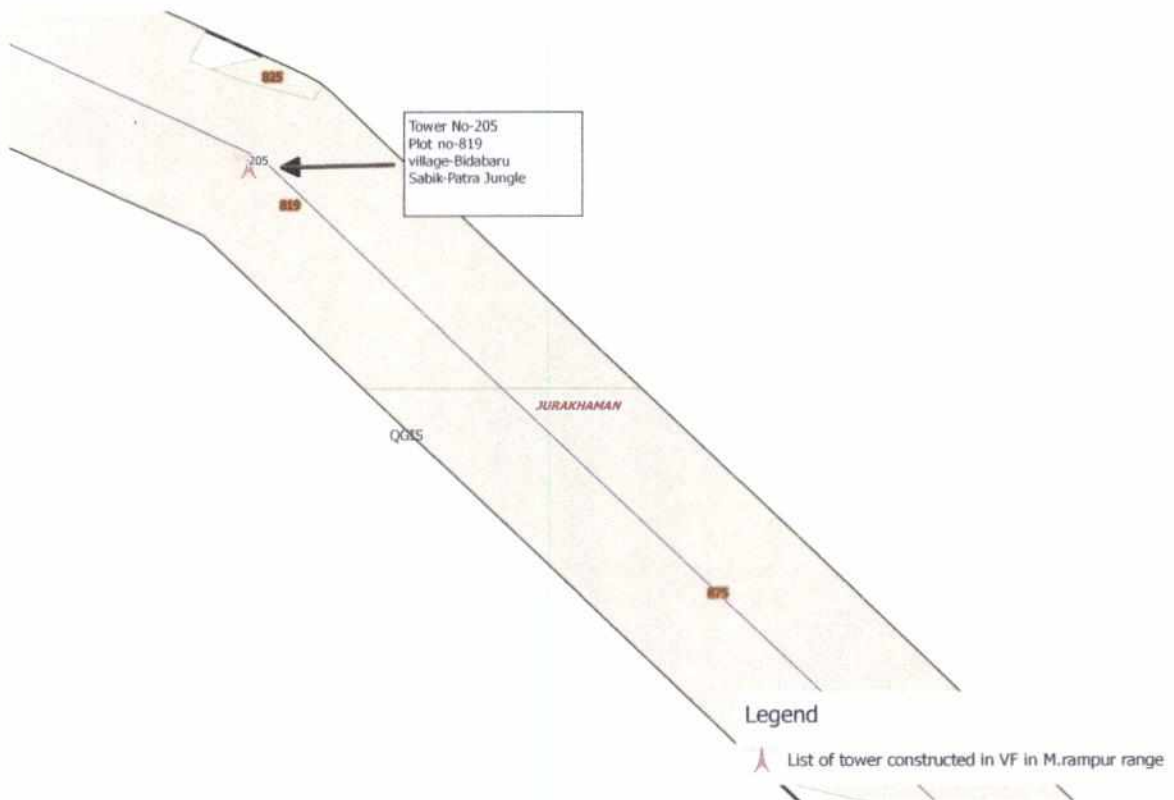


Tower No - 49
Plot No - 973
Village - Jurkabhadi
Hal- Gramya Jungle

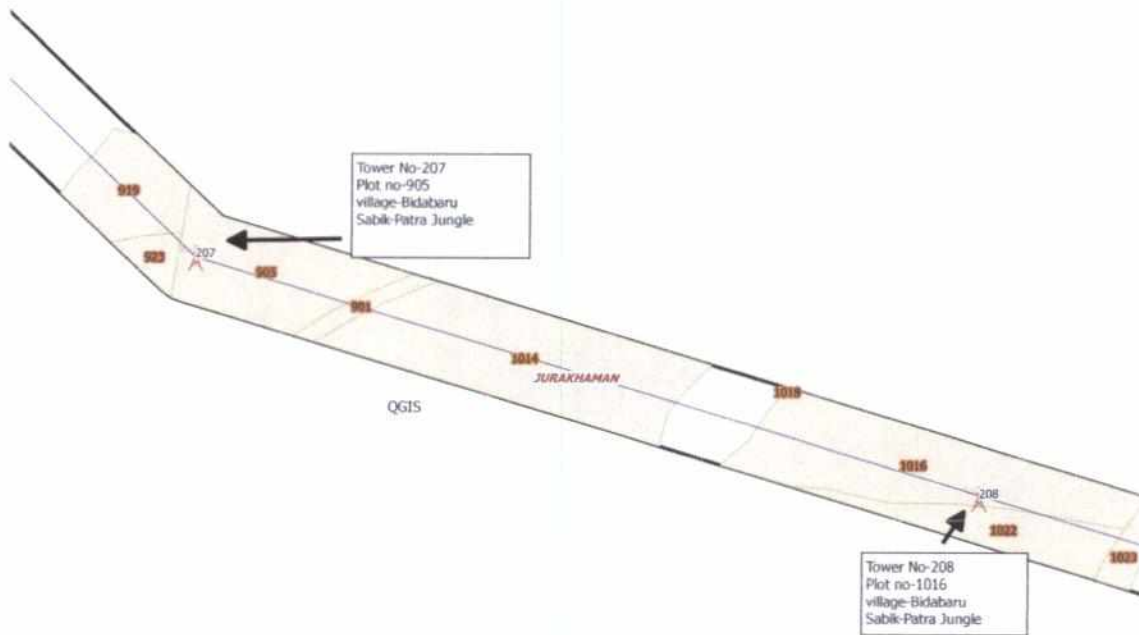


Tower No - 83
Plot No - 171
Village - Gidhamal
Sabik - Gramya Jungle

Amr
Divisional Forest Officer
Bajahandi North Division

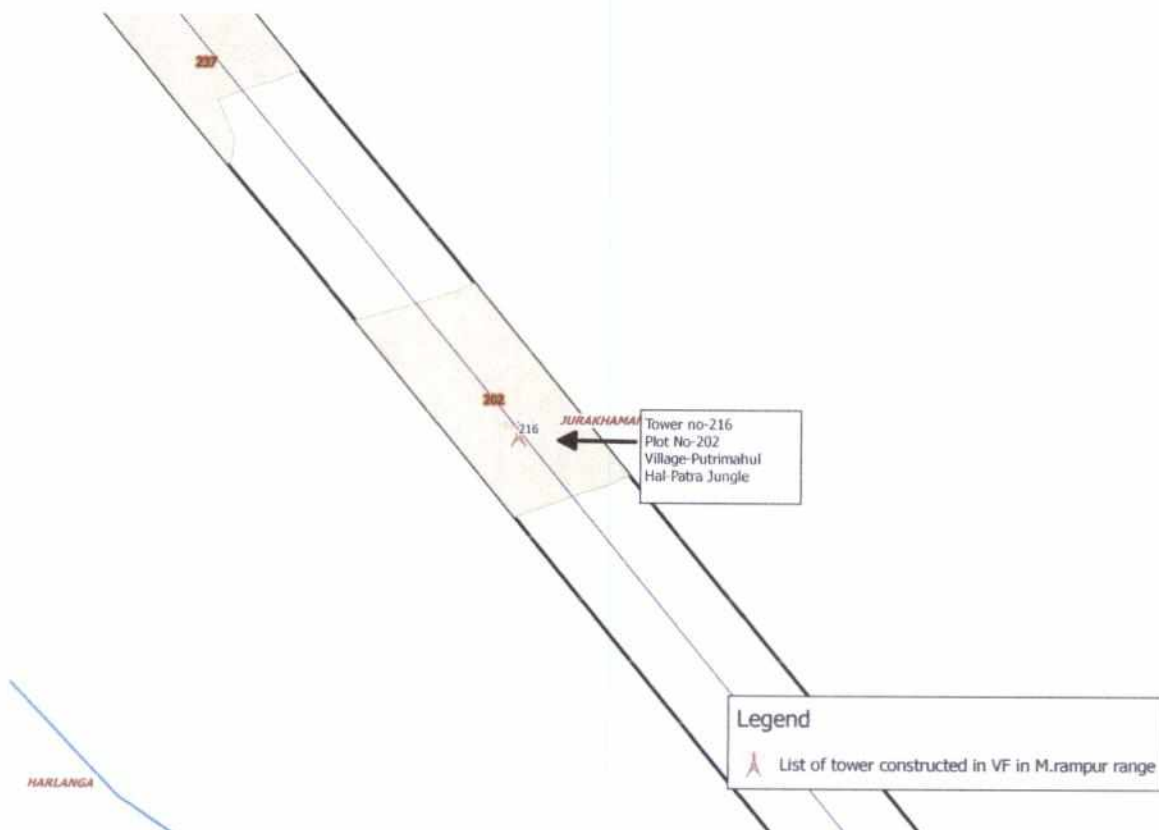


Am.
 Divisional Forest Officer
 Jahandi North Division



Legend

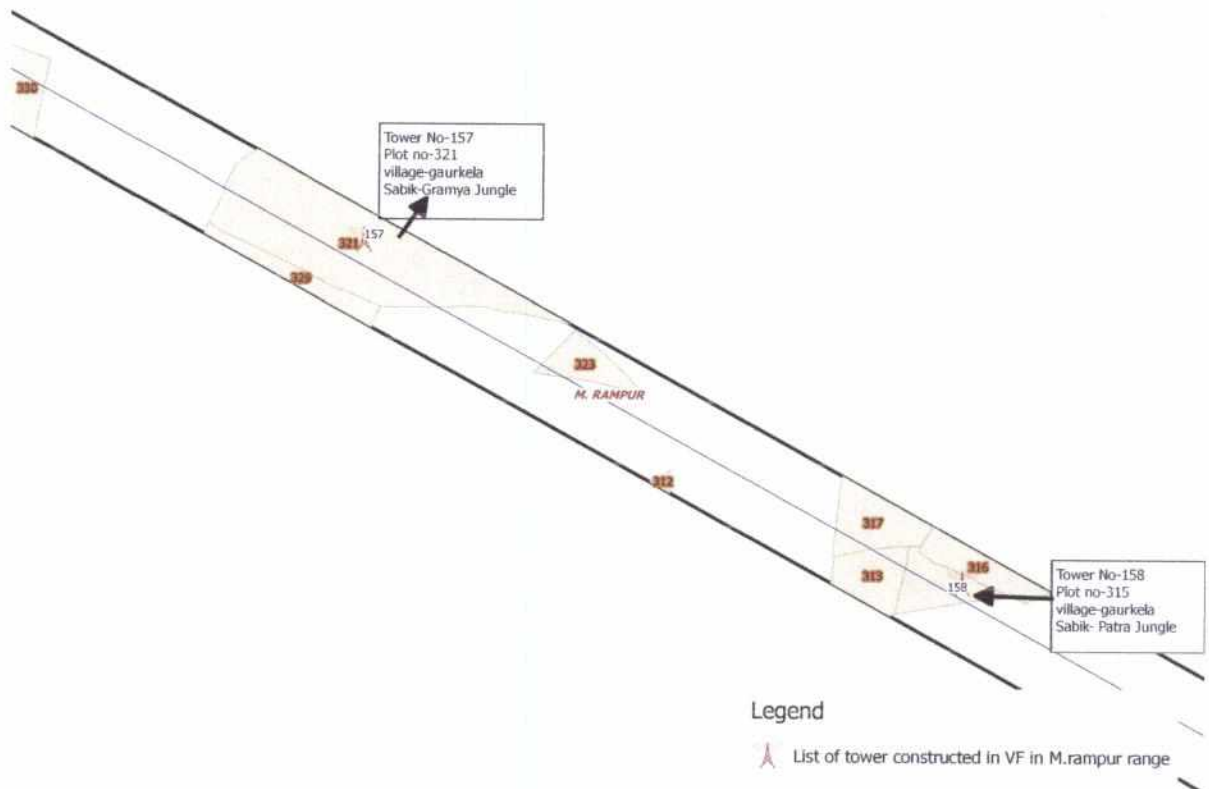
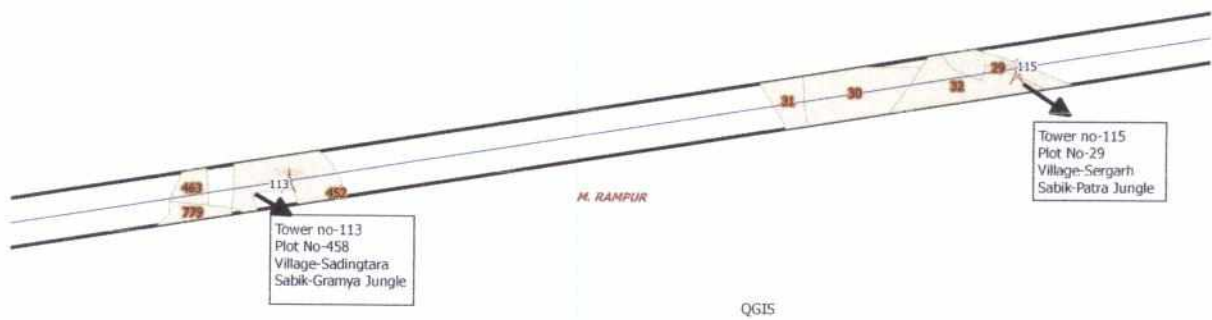
▲ List of tower constructed in VF in M.rampur range



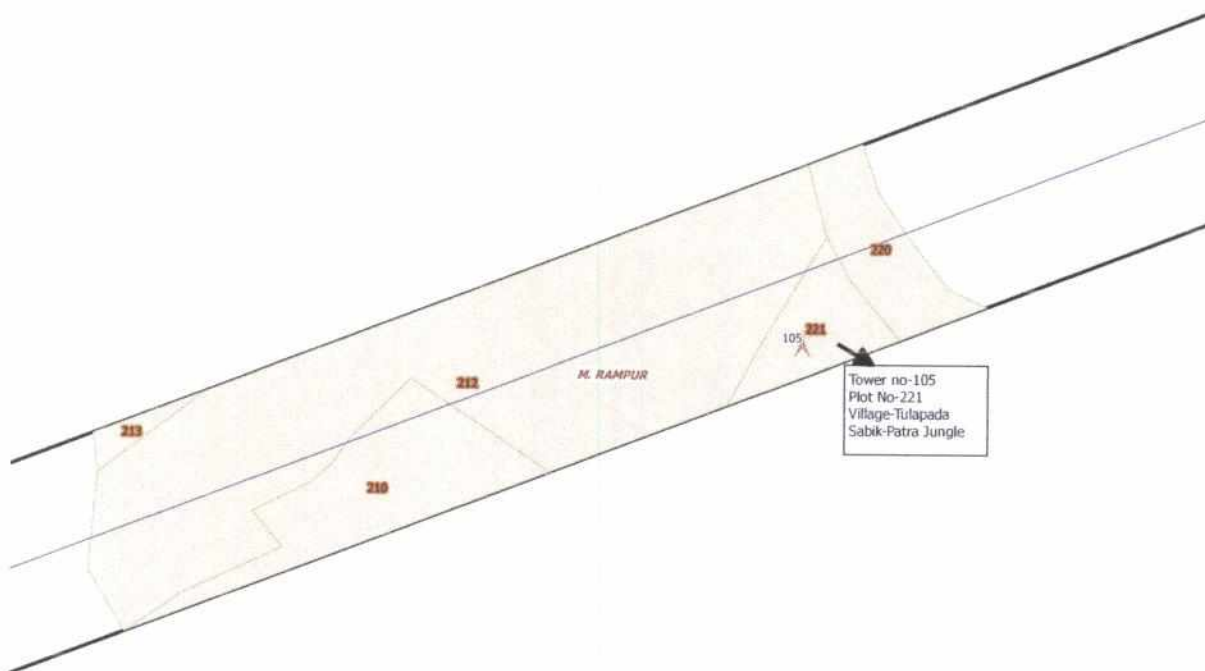
Legend

▲ List of tower constructed in VF in M.rampur range

Am
 Divisional Forest Officer
 Bahandi North Division

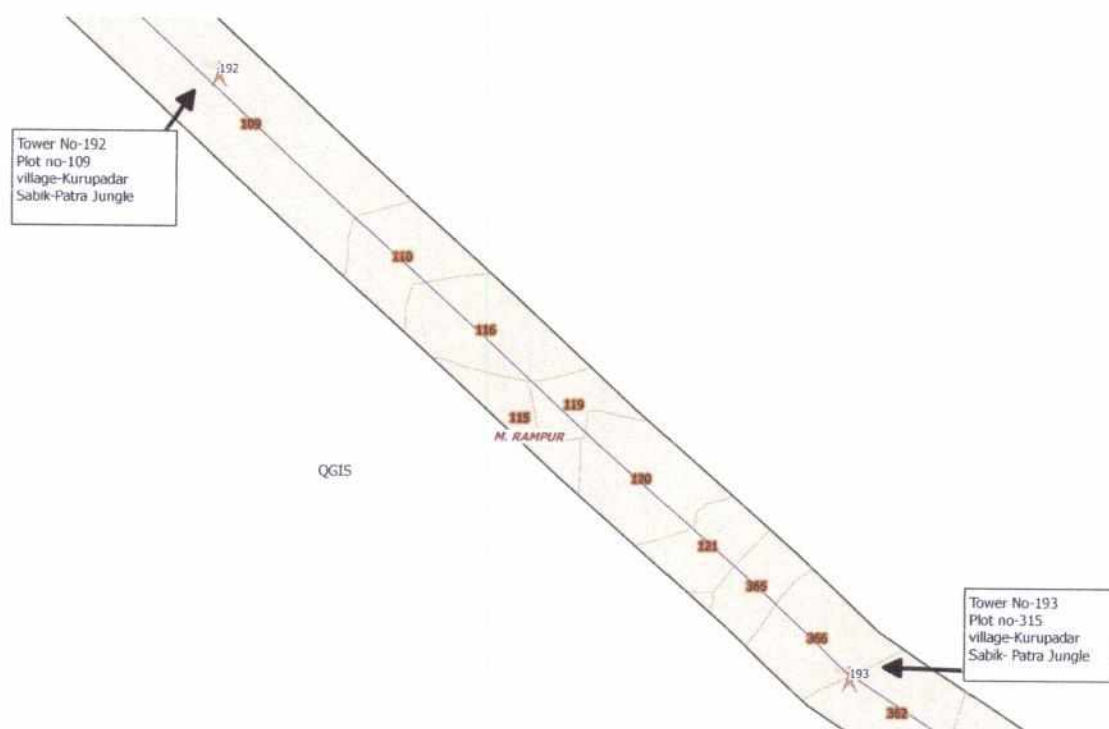


Anu
Divisional Forest Officer
Kajhandi North Division



Legend

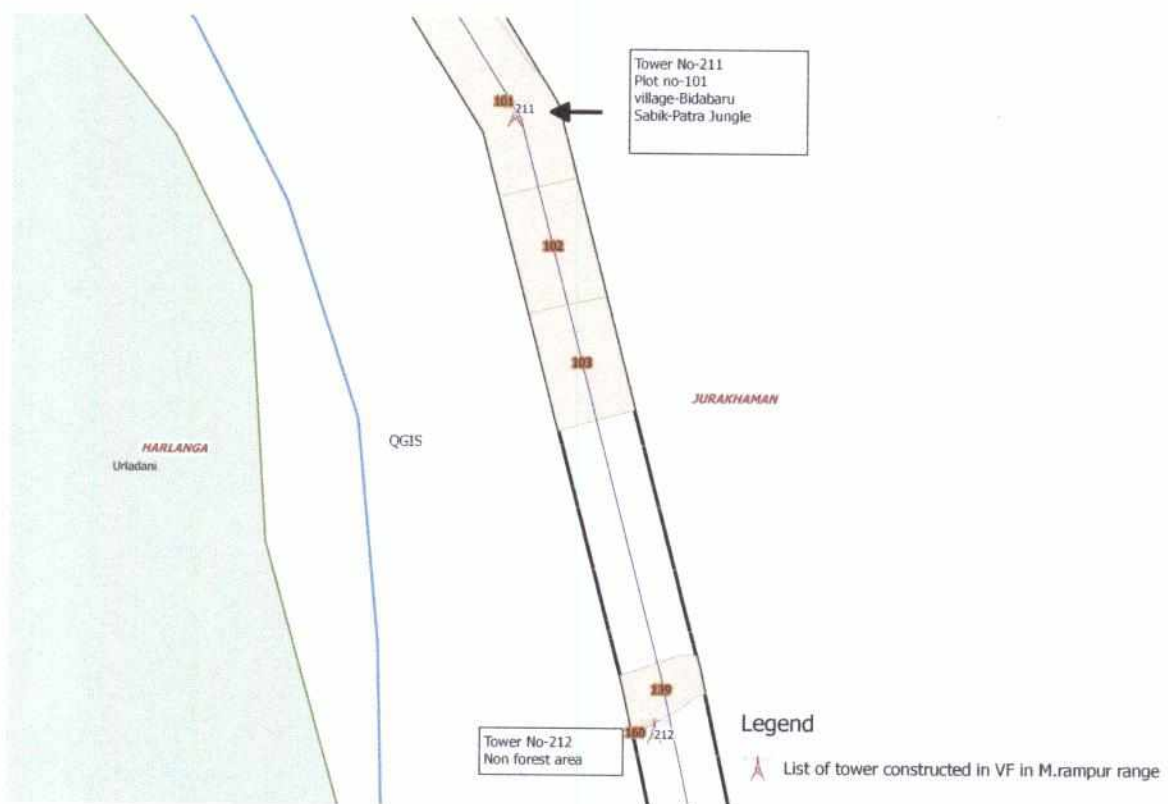
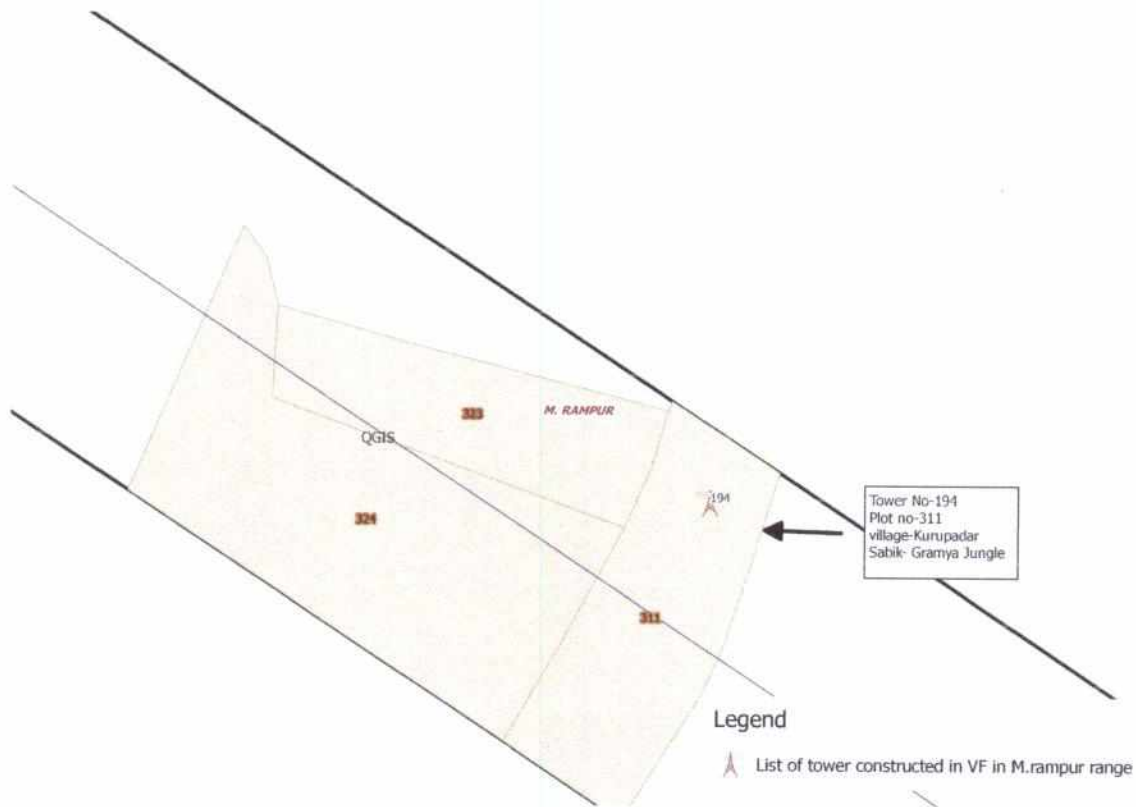
▲ List of tower constructed in VF in M.rampur range

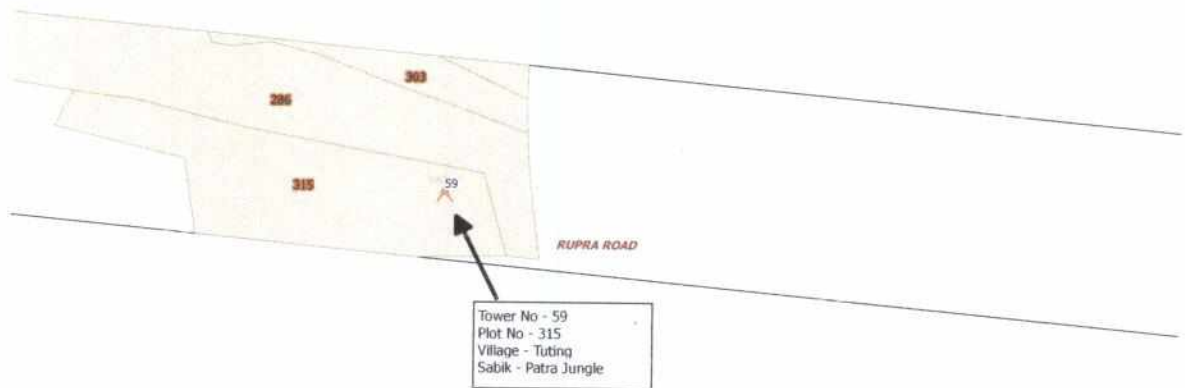


Legend

▲ List of tower constructed in VF in M.rampur range

Anu
Divisional Forest Officer
Bajahandi North Division





Aw
Divisional Forest Officer
Relahandi North Division