

**BEFORE THE NATIONAL GREEN TRIBUNAL  
EASTERN ZONE BENCH, KOLKATA.  
Original Application No.207/2024/EZ**

SMT. HARIPRIYA PATEL .... APPELLANT(S)

-VERSUS-

STATE OF ODISHA &  
OTHERS .... RESPONDENT(S)

**I N D E X**

SL NO	DESCRIPTION OF DOCUMENT	PAGES
1.	COUNTER AFFIDAVIT FILED ON BEHALF OF DIVISIONAL FOREST OFFICER, BONAI FOREST DIVISION, DIST. : SUNDERGARH, ODISHA	1-7
2.	The Xerox copy of the action taken as above in Barasuan Range are filed herewith as <u>Annexure-A/2 Series.</u>	8-17
3.	Xerox copy of the post mortem report is filed herewith as <u>Annexure-B/2.</u>	18-21
4.	Xerox copy of action taken report as above in Tamara Range is filed herewith as <u>Annexure-C/2.</u>	22-31

Cuttack

Date:06.01.2025

  
PARTHA SARATHI NAYAK  
ADDL. GOVT. ADVOCATE



**BEFORE THE NATIONAL GREEN TRIBUNAL  
EASTERN ZONE BENCH, KOLKATA.**

**Original Application No.207/2024/EZ**

SMT. HARIPRIYA PATEL .... APPELLANT(S)

-VERSUS-

STATE OF ODISHA &  
OTHERS .... RESPONDENT(S)

**COUNTER AFFIDAVIT FILED ON BEHALF OF  
DIVISIONAL FOREST OFFICER, BONAI FOREST  
DIVISION, DIST. : SUNDERGARH, ODISHA**

I, Jagannath Prasad Bishoyi aged about 42 years, S/o. Brundaban Bishoyi at present working as Asst. Conservator of Forest, Bonai Forest Division, At/P.O.- Bonaigarh, PS : Bonaigarh, Dist.-Sundargarh , Pin – 770038 do hereby solemnly affirm and state as follows:-

1. That, I am duly authorized by the respondent No.2 to swear this affidavit on his behalf. I am well acquainted with the facts of this case. I have gone through the copy of the Original Application as well as the annexures appended thereto and have understood the contents thereof.

2. That, it is respectfully submitted that the above case has been filed before this Hon'ble Tribunal by the appellant in the matter of an article published in the New Indian Express dated

Jagannath Prasad Bishoyi  
Asst. Conservator of Forest  
Bonai Forest Division

*Handwritten signature*  
*Handwritten date: 11.06.25*  
**AMBIKA PRASAD RAY  
NOTARY, CUTTACK TOWN  
REGD. NO-ON-56/2004**

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19.08.2024 "Three jumbos die in Odisha in 24 hours, electrocution cases rise". The article also mentions that: -

- a) one elephant calf dies after being hit by a goods train on the Rourkela-Bimlagarh line near Roxy of Barsuan range under the Bonai Forest Division (BFD) in District: Sundargarh in the early hours on Sunday dated 18.08.2024;
- b) a female elephant aged about 7 years died in Tamra Forest in Gurundia Block on the night of August 15 due to diseases; and
- c) an adult female elephant was electrocuted in a forest in Charadapasi village under Naktideul range of Rairakhol division in Sambalpur district on Sunday.

Reference has also been made to a news article published in the Times of India on 04.10.2023 which mentioned that as many as 698 elephants died in the state of Odisha in eight years since 2015-16 and the annual elephant mortality rate comes to 87.

3. That, at the outset, this deponent denies each and every averment /assertion /contention raised by the Appellant unless the same is admitted specifically hereinafter. No averment or assertion or contention raised by the Petitioner should be deemed to have been admitted on the ground of non-traverse.

*Timmy*

*Jogannath Prasad Bishey*

Asst. Conservator of Forest  
Bonai Forest Division

*AR*  
AMBIKA PRASAD RAY  
NOTARY, CUTTACK TOWN  
REGD. NO-ON-56/2004

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4. That, this is to humbly submit here that the article at Point No. a & b above concerns to the present deponent and the humble submission in the above elephant death case is furnished as under.

- a. On 18<sup>th</sup> August, 2024, an elephant calf was fatally struck by a train on the Bimlagarh-Kiriburu railway stretch despite prior caution orders for reduced train speeds due to elephant presence in the area. Investigations revealed lapses in coordination between railway and forest officials, inadequate enforcement of precautionary measures and delayed reporting of the incident. Post-mortem and site inspections were conducted by forest and veterinary officials and statements were recorded from railway personnel. Findings highlighted issues like poor visibility, insufficient communication of caution orders and failure to notify forest authorities promptly.

In response to the above elephant calf's tragic death, several preventive measures have been implemented to enhance safety on sensitive railway stretches. Signboards have been installed to encourage loud honking and enforce speed restrictions at identified elephant crossing points, following joint verification by railway and forest officials. Vegetation clearance up to 30 meters on either side of the tracks has been prioritized to improve visibility for both

*Signature*

*Signature*  
 AMBIKA PRASAD RAY  
 NOTARY, CUTTACK TOWN  
 REGD. NO-ON-58/2004

*Jaganath Bared Bishoi*

Asst. Conservator of Forest  
 Bonai Forest Division

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loco pilots and elephants. Speed monitoring is now conducted regularly using speedometers and caution orders are being strictly enforced. Joint patrolling by railway and forest officials has been initiated supported by a maintained register for accountability. Daily updates on elephant movements are shared through a dedicated WhatsApp group complemented by drone monitoring for real-time tracking. Additionally, 24 squad personnel and 50 Gaja Sathis have been deployed in the Division critical areas in the year 2023-2024 and in the year 2024-2025 additional 50 Gaja Sathis have been deployed. Total 100 Gaja Sathis deployed to provide immediate updates on elephant presence. A letter has been sent to the DRM, Chakradharpur seeking information on accountability for the collision, plans for further speed reductions, construction of ramps along elevated tracks and measures to share train schedules with forest officials to facilitate better monitoring and coordination.

The Xerox copy of the action taken as above in Barasuan Range are filed herewith as Annexure-A/2 Series.

- b. On August 14, 2024, a female elephant with slow movement was detected in Rushimath RF of Tamra Range prompting immediate veterinary intervention. Dr. R.K.

*Chandra*

*AS*

AMBIKA PRASAD RAY  
NOTARY, CUTTACK TOWN  
REGD. NO-ON-56/2004

*Jogannath Prasad Dishoy*

Asst. Conservator of Forests  
Bonai Forest Division

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Samantarai, Veterinary Doctor, MVU, Rourkela conducted an initial health assessment on-site with forest officials diagnosing the elephant with severe debility, emaciation, dehydration, ulcerated wounds, and a prominent knee wound. Treatment began the following day under supervision including wound dressing, administration of antibiotics and provision of fluids. Despite efforts, the elephant succumbed to its condition on the evening of 18<sup>th</sup> August 2024. A post-mortem conducted the next day by a team of veterinary experts confirmed the cause of death as severe intestinal impaction, anorexia, anemia and prostration, deeming it a natural death. Samples were collected for further analysis at the Centre for Wildlife Health, OUAT, Bhubaneswar.

Xerox copy of the post mortem report is filed herewith as Annexure-B/2.

To ensure effective monitoring and management of human-elephant conflict (HEC) and enhance elephant conservation, a division-level Rapid Response Team comprising 10 personnel led by a Forester has been deployed for immediate intervention. Additionally, 22 squad members monitor elephant movements daily in Tamra Range supported by advanced tools such as drones and camera traps for tracking and detection. A network of

Jaganath Prasad Dasgupta

Asst. Conservator of Forest  
Bonai Forest Division

*Jaganath*

*AR*  
AMBIKA PRASAD RAY  
NOTARY, CUTTACK TOWN  
REGD. NO-ON-58/2004

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50GajaSaathis provides timely updates on elephant presence. Movement patterns are analyzed continuously using iWLMS, OFMS and GIS systems with mapping conducted regularly. Habitat improvement efforts include raising *Ficus bengalensis* and other preferred species in nurseries, planting fruit-bearing and elephant-preferred species and implementing soil and moisture conservation measures like staggered trenches, water bodies and salt licks. Regular health assessments and profiling of elephants, both solitary and in herds, are carried out by biologists and sociologists to ensure their well-being and adapt conservation strategies effectively.

Xerox copy of action taken report as above in Tamara Range is filed herewith as Annexure-C/2.

5. That, in the matter of news article published in *The Times of India* on 04<sup>th</sup> October, 2023 reporting that 698 elephants had died in Odisha over eight years since 2015-16, with an average annual mortality rate of 87, it is humbly stated that this matter pertains to the entire state of Odisha. As such, the present deponent lacking the jurisdiction, refrains from offering any comment on the issue.

6. That, in the matter of compliance to order dated 09.12.2024 passed by this Hon'ble Tribunal, this is to humbly submit here that the issue involved in the present OA regarding

Jagannath Prasad Bischoji

Asst. Conservator of Forest  
Bonai Forest Division



AMBIKA PRASAD RAY  
NOTARY, CUTTACK TOWN  
REGD. NO-ON-56/2004



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death of elephants in the state of Odisha is sub-judice in Hon'ble High Court of Orissa in W.P. (C) No. 14706 of 2022 (*Gita Rout - vrs.- State of Odisha*). In this context, this is to humbly submit here that the present deponent is neither an Opp. Party in the aforementioned writ petition nor privy to the facts or the current status of the writ petition. As such, the particulars of the said writ petition along with orders passed by the Hon'ble High Court of Orissa is beyond the scope of filing in case of the present deponent.

07. That, the deponent craves leave of the Hon'ble Tribunal to file further affidavit, if required at a later stage.

08. That, the facts stated above in Paragraph Nos. 01 to 06 are true to the best of my knowledge and based on official records and in Paragraph Nos. 07 is my humbly submission.

Identified by:-

*P.S. Nayak*  
Advocate  
6/1/25

*Jagannath Prasad Bishoyi*  
Deponent.

Asst. Conservator of Forest.  
Bonai Forest Division

**CERTIFICATE**

Certified that the cartridge papers are not readily available.

Cuttack

Date: 06.01.2025

*Stamp*

PARTHA SARATHI NAYAK  
ADDL. GOVT. ADVOCATE

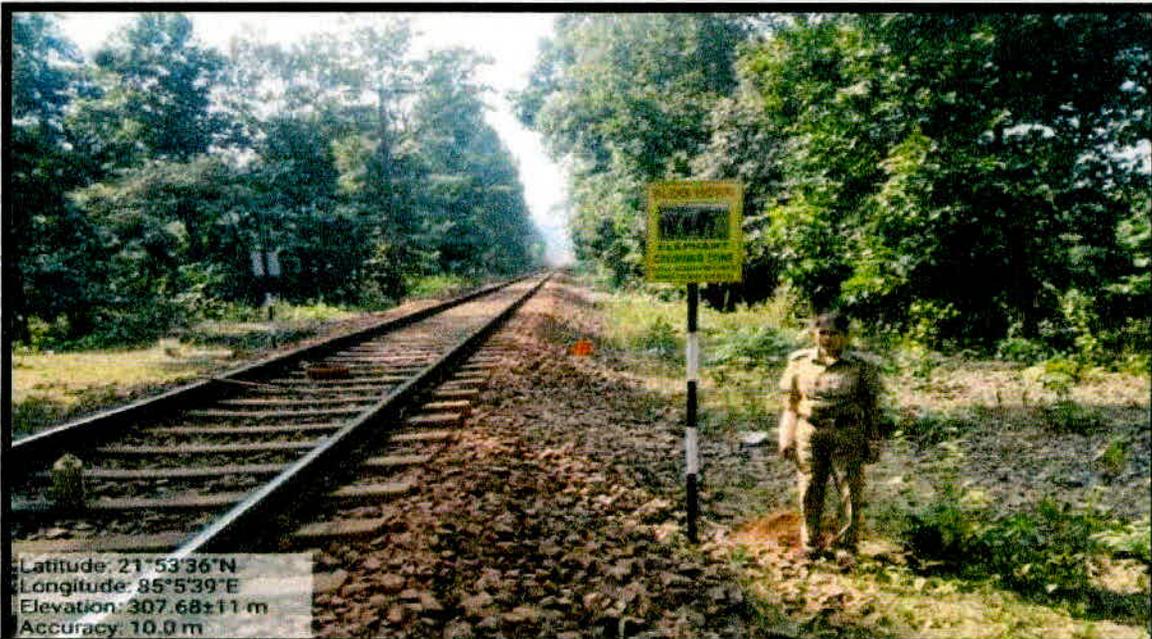
*Jagannath Prasad Bishoyi*  
The above named deponent being identified by *Partha Sarathi Nayak* Adv (AGA) solemnly affirm and states before me that the contents of this Counter Aff by Divisional Forest Officer, Bonai are true to the best of my knowledge and belief  
*06.01.25*



AMBIKA PRASAD RAY  
NOTARY, CUTTACK TOWN  
Regd. No.-ON-56/2004

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**Caution Sign board fixed near Railway line**



*Jagannath B.*  
Asst. Conservator of Forest  
Bonai Forest Division



**Joint patrolling between Railway deptt. And Forest department**



Jaganmuth B.  
Asst. Conservator of Forest  
Bonai Forest Division

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**Vegetation clearance along the railway line up to 30 mtr.**



Jogannath B.  
Asst. Conservator of Forest  
Bonai Forest Division



### Checking of training speed by using Speedo meter



Jaganath B.  
Asst. Conservator of Forest  
Bonai Forest Division



**Forest Department and Railway deptt. Whats app group**

← **Rrkl Forest & railway** +91 76839 22282, +91 80024 5868... 📶 ⋮

Today

**Control Room Jio Bonai Forest Divisi...**

**Elephant Movement in Bonai Forest Division on 06-01-2025**

Range	Section	Block	SP/DP/PPF	Nearest Village	Companions			No. of Elephants	GPS Co-ordinates		Remarks
					Male	Female	Cal		Latitude	Longitude	
Bonai	Deogarh	Deogarh	Deogarh SP	Deogarh, Khandagiri, Deogarh, Khandagiri, Deogarh	1	-	1	19 24 24.88	83 52 23.64	No track seen separately this location.	
Bonai	Deogarh	Deogarh	Deogarh SP	Deogarh, Khandagiri, Deogarh, Khandagiri, Deogarh	1	-	1	21 47 42.73	83 58 19.88	No track seen separately this location.	
Bonai	Deogarh	Deogarh	Deogarh SP	Deogarh, Khandagiri, Deogarh, Khandagiri, Deogarh	1	1	1	21 49 48.19	83 58 48.89	No track seen separately this location.	
Bonai	Deogarh	Deogarh	Deogarh SP	Deogarh, Khandagiri, Deogarh, Khandagiri, Deogarh	1	-	1	21 49 51.73	83 57 53.61	No track seen separately this location.	
Bonai	Deogarh	Deogarh	Deogarh SP	Deogarh, Khandagiri, Deogarh, Khandagiri, Deogarh	-	1	1	21 49 24.47	83 58 19.74	No track seen separately this location.	
Bonai	Deogarh	Deogarh	Deogarh SP	Deogarh, Khandagiri, Deogarh, Khandagiri, Deogarh	1	1	1	19 44 44.18	83 58 49.89	No track seen separately this location.	
Bonai	Deogarh	Deogarh	Deogarh SP	Deogarh, Khandagiri, Deogarh, Khandagiri, Deogarh	1	1	1	20 51 44.84	83 58 47.88	No track seen separately this location.	
<b>Grand Total</b>					<b>10</b>	<b>16</b>	<b>3</b>				

**N.B. - Yellow mark is treated for Railway Crossing order**  
 Remarks (0004 No. of Elephant is recorded as per 06-01-2025)  
 Range: 01 (01) No. of Elephant is recorded as per 06-01-2025  
 Section: 01 (01) No. of Elephant is recorded as per 06-01-2025  
 Block: 01 (01) No. of Elephant is recorded as per 06-01-2025  
 SP: 01 (01) No. of Elephant is recorded as per 06-01-2025

9:27 AM

**Control Room Rourkela Division**

**Elephant Movement in Rourkela Forest Division on Dt: 06-01-2025**

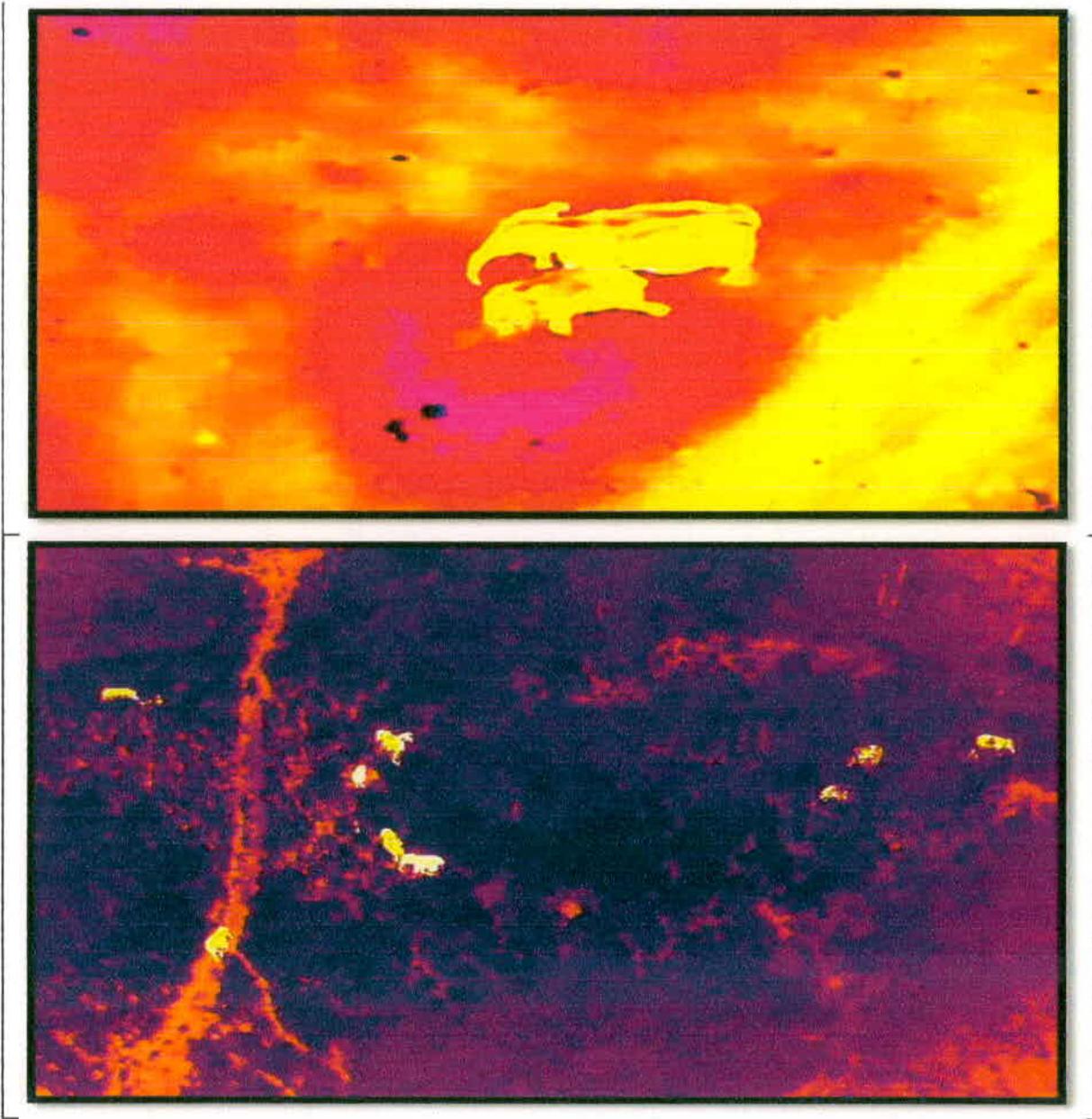
Range	Section	Block	SP/DP/PPF	Nearest Village	Companions			No. of Elephants	GPS Co-ordinates		Remarks
					Male	Female	Cal		Latitude	Longitude	
Bonai	Deogarh	Deogarh	Deogarh SP	Deogarh, Khandagiri, Deogarh, Khandagiri, Deogarh	2	4	1	13	19 24 24.88	83 52 23.64	No track seen separately this location.
Bonai	Deogarh	Deogarh	Deogarh SP	Deogarh, Khandagiri, Deogarh, Khandagiri, Deogarh	1	3	1	5	21 47 42.73	83 58 19.88	No track seen separately this location.
Bonai	Deogarh	Deogarh	Deogarh SP	Deogarh, Khandagiri, Deogarh, Khandagiri, Deogarh	2	2	1	5	21 49 48.19	83 58 48.89	No track seen separately this location.
Bonai	Deogarh	Deogarh	Deogarh SP	Deogarh, Khandagiri, Deogarh, Khandagiri, Deogarh	2	1	1	4	21 49 51.73	83 57 53.61	No track seen separately this location.
Bonai	Deogarh	Deogarh	Deogarh SP	Deogarh, Khandagiri, Deogarh, Khandagiri, Deogarh	1	1	1	3	21 49 24.47	83 58 19.74	No track seen separately this location.
Bonai	Deogarh	Deogarh	Deogarh SP	Deogarh, Khandagiri, Deogarh, Khandagiri, Deogarh	1	1	1	3	19 44 44.18	83 58 49.89	No track seen separately this location.
Bonai	Deogarh	Deogarh	Deogarh SP	Deogarh, Khandagiri, Deogarh, Khandagiri, Deogarh	1	1	1	3	20 51 44.84	83 58 47.88	No track seen separately this location.
<b>Grand Total</b>					<b>10</b>	<b>16</b>	<b>3</b>				

**N.B. - Yellow mark is treated for Railway Crossing order**  
 Remarks (0004 No. of Elephant is recorded as per 06-01-2025)  
 Range: 01 (01) No. of Elephant is recorded as per 06-01-2025  
 Section: 01 (01) No. of Elephant is recorded as per 06-01-2025  
 Block: 01 (01) No. of Elephant is recorded as per 06-01-2025  
 SP: 01 (01) No. of Elephant is recorded as per 06-01-2025

**Concerned staff of Forest, Electrical and Railway are requested to keep communicating each other about Elephant movements to prevent any untoward incidents. Thank you, Control Room,**

*Tajzomath B.*  
**Asst. Conservator of Forest  
 Bonai Forest Division**

Elephant monitoring through thermal drone by Forest Deptt.



Togamath B.  
Asst. Conservator of Forest  
Bonai Forest Division

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**Gaja Sathi of Barsuan Range 2023-24**

Sl No.	Range	Section	Beat	Village	Name
1	Barsuan	Dengula	Kula	Rengua	Indra Naik
2					Roshan Naik
3					Renjala Munda
4					Paramewswar Naik
5					Matu Munda
6				Kulla	Anadi Naik
7					Purna Ch. Naik
8					Janha Ku. Naik
9					Mangal Munda
10					Bideshi Barik
11			Dengula	Bandal	Iswar Naik
12					Sarindra Naik
13					Shyamsundar Naik
14					Subarna Naik
15					Pravat Naik
16				Tentuldihi	Laxman Barik
17					Dashara Naik
18					Singa Dehury
19					Kanhu Bhakta
20					Bana Dehury
21			Jaldihi	Jaldihi	Benudhar Dehury
22					Achhas Naik
23					Padu Dehury
24					Rajesh Naik
25					Dasarath Naik
26				Tantigram	Subash Naik
27					Suraj Naik
28					Gangu Munda
29					Jaiban Naik
30					Madhusudan Munda
31			Jaldihi	Kalmanga	Kunja Naik
32					Jadumani Naik
33					Pravakar Naik
34					Sadananda Naik
35					Kantha Dehury
36				Sidimba	Sukram Mahakul
37					Rajesh Naik
38					Sanika Munda
39					Mangra Munda
40					Chala Munda
41		Choordhara	Nuatantra	Nuatantra	Harish Chandra Naik
42					Kandara Naik
43					Pradhan Munda
44					Maheswar Naik
45					Bablu Munda
46			Mancahbeda	Manchabeda	Chakra Munda
47					Ramtahal Singh
48					Sunil Munda
49					Maga Munda
50					Jarja Munda

Togannath B.

Asst. Conservator of Forest  
Bonai Forest Division

*Saha*  
23.12.24  
Forest Range Officer  
Barsuan Range

~~13~~  
Gaja Sathi of Barsuan Range 2024-25

Sl No.	Range	Section	Beat	Village	Name
1	Barsuan	Barsuan	Bhutuda	Batagaon village	Bhagra Dehury
2					Phaguna Dehury
3					Pandalu Dehury
4					Bhumij Dehury
5					Kapila Pradhan
6				Kastu Dehury	
7				Budhu Dehuri	
8				Dukhu Dehury	
9				Desha Dehury	
10				Dusha Dehury	
11				Kala Dehury	
12				Biju Naik	
13				Kashatu Naik	
14				Dashru Dehury	
15				Khira Naik	
16			Birsing Surin		
17			Dashabanta Barik		
18			Damu Munda		
19			Ramay Horo		
20			Sanjib Barla		
21			Jaymasi Barla		
22			Suresh Dang		
23			Sunil Naik		
24			Bikash Naik		
25			Dasharatha Singh		
26			Jhaman Singh		
27			Mashi Charan Bodra		
28			Mariyanus Bhuyan		
29			Saranga Munda		
30			Raghunath Singh		
31		Ramarai Munda			
32		Machu Munda			
33		Baraju Munda			
34		Ugresan Barik			
35		Kuanra Munda			
36		Baigo Munda			
37		Gura Munda			
38		Fauda Munda			
39		Sukuram Munda			
40		Maheswar Patra			
41		Jagadish Singh			
42		Ranjit Singh			
43		Basudeb Singh			
44		Atua Munda			
45		Samason Munda			
46		Biju Dehury			
47		Maghu Naik			
48		Dashru Naik			
49		Jalsen Topno			
50		Niral Topno			

*Jaganmoh B.*

Asst. Conservator of Forest  
Bonai Forest Division

*13-12-24*  
Forest Range Officer  
Barsuan Range



**ବନଖଣ୍ଡ ଅଧିକାରୀଙ୍କ କାର୍ଯ୍ୟାଳୟ : ବଣାଇ ବନଖଣ୍ଡ**  
**OFFICE OF THE DIVISIONAL FOREST OFFICER : BONAI FOREST DIVISION**  
**Ph.-06626-244454 : Email- dfo.bonai@odisha.gov.in**

No. ୭୭୭୫ /7F(Offence.)-Dt. ୧୦.୦୯.୨୦୨୪

To

The Divisional Railway Manager,  
 South Eastern Railway, Chakradharpur

Sub: Action taken report on death of one elephant calf on the railway track due to train hit in Roxy II RF of Barsuan Forest Range under Bonai Forest Division

Ref.: This Office Memo No.7102, dt.19.08.2024

Sir,

In inviting a kind reference to the captioned subject cited above, this is to inform you that an elephant calf was found dead on 18.08.2024 at 06:30 A.M. between Pillar No. 460/20 and Pillar No. 460/22 on the Bimalagarh - Kiriburu Railway stretch, as a result of a collision with a train. Upon discovering this tragic incident, correspondence was promptly initiated with the Station Master of S.E. Railway, Roxy Railway Station to investigate the circumstances surrounding the collision. The following factual details have been confirmed based on the report dated 18.08.2024 & 20.08.2024 from the Station Master, S.E. Railway, Roxy Railway Station.

1.	Name of train passing on the railway track during the time mentioned period	: BOBS/KKC 477 PP
2.	Speed limit of the train caused collision with the elephant	: Below 40 KMPH
3.	Time of collision	: 03.05 Hrs., Dt. 18.08.2024
4.	Name of Staff on duty during the incident	
	(a) Station Staff	: (i) Sirshendu Biswas, SM/Roxy (ii) Jeetendra Kumar Sharma, PM-A/Roxy (iii) Raju Kumar, PM-B/Roxy
	(b) Train Staff of BOBS/ KCC 477 PP	: (i) Deepak Nonia, LP/BNDM (Leading Loco) (ii) P.K. Sahu, ALP/BNDM (Leading Loco) (iii) N. Raut, LP/BNDM (Rear Loco)

Given that, this is a wildlife casualty case and is currently under inquiry, you are requested to provide the following information within 7 days to facilitate further action:

- (i) If any responsibility has been fixed on any individual for the train collision that resulted in the death of the elephant calf on 18.08.2024 ? If yes, a detailed information and if no, justification thereof may please be submitted.

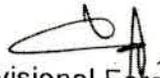
*Jaganmoh B.*  
**Asst. Conservator of Forest**  
**Bonai Forest Division**

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- (ii) Although the train's speed was reported to be below 40 KMPH (as per the Station Master's report from S.E. Railway, Roxy Railway Station), the collision still occurred. Are there any plans or decisions being made to further reduce or modify train speeds to prevent similar incidents in the future as discussed in the coordination meeting dt.28.08.2024 held with the Area Manager, S.E. Railway, Bondamunda ? (minutes of the meeting is enclosed)
- (iii) What interventions are proposed or have been finalized referring the coordination meeting dt.28.08.2024 held with the Area Manager, S.E. Railway, Bondamunda regarding the construction of ramps on either side of the elevated railway line stretches on the Bimalagarh - Kiriburu and Barsuan - Bimalagarh Railway stretches to prevent such incidents ?
- (iv) Given that there is no fixed timing for trains, particularly for goods trains, on the Bimalagarh - Kiriburu and Barsuan - Bimalagarh Railway stretches, what measures are being taken by the Railway Authorities to provide advance notice of train schedules to local Forest Officials to ensure better monitoring of elephant movements along these railway stretches ?

This may please be treated as MOST URGENT

Encl.: As above

Yours faithfully

  
Divisional Forest Officer  
Bonai Division

Memo No. 7775 /7F(Offence.)-Dt. 10.09.2024  
Copy submitted to the Regional Chief Conservator of Forests, Rourkela Circle for favour of kind information and necessary action.

  
Divisional Forest Officer  
Bonai Division

Memo No. 7776 /7F(Offence.)-Dt. 10.09.2024  
Copy submitted to the Principal Chief Conservator of Forest (Wildlife) and Chief Wildlife Warden, Odisha for favour of kind information and necessary action.

  
Divisional Forest Officer  
Bonai Division

Tajannath B.  
Asst. Conservator of Forest  
Bonai Forest Division

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ANNEXURE-B/2

34

# VETERINARY DISPENSARY, GURUNDIA

A/PO-Gurundia, Dist- Sundargarh, Odisha, PIN-770043

Email:- gurundiabvo@gmail.com

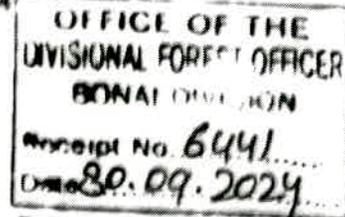


Letter No. 373

Date. 27.09.2024

To

The Divisional Forest Officer,  
Bonai Division



Sub:- Post mortem report of one elephant died on 16.08.2024 at Dumermunda near Rushimath RF of Tamda forest range under Bonai forest division.

Ref:- Memo no. 7522 dtd. 02.09.2024 of DFO Bonai

Sir,

In continuation to the reference on the above cited subject the post mortem report of one elephant died on 16.08.2024 at Dumermunda near Rushimath RF of Tamda forest range under Bonai forest division as reported on 16.08.2024 to the undersigned is here by enclosed for taking further action at your end.

Encl: As above

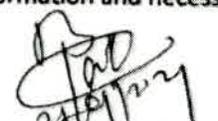
Yours faithfully

  
Block Veterinary officer  
Gurundia

Memo No. 374

Dt. 27.09.2024

Submitted to the Sub Divisional Veterinary Officer, Bonai for favour of kind information and necessary action.

  
Block Veterinary officer  
Gurundia

Jagannath B.  
Asst. Conservator of Forest  
Bonai Forest Division

~~SECRET~~

## REPORT ON POST MORTEM EXAMINATION

**Species:** Elephant (*Elephas maximus*)

**Colour:** Black

**Sex:** Female

**Age:** About 7 years

**Owner:** Forest Department, Govt. of Odisha

**Who sent for PM and cause if any:** DFO, Bonai vide letter no 9021 Dt. 16.8.2024

**Date and time of death:** 15.08.2024/ 7:30 PM

**Date and time of post-mortem:** 16.08.2024/ 11 AM

**History:** A female strayed out injured elephant was seen on 14.08.2024 in Dumermunda village near Rushimath RF of Tamda Forest Range downhill in a plain land amidst bushes. It was weak. A severe suppurative contaminated wound chronic in nature was noticed at elbow joint of left foreleg medially. Food was offered but not accepted. On next day at around 11 AM when the forest team approached the elephant, she knelt of its own because of extreme weakness. Under physical restraint, the wound was dressed and treatments like antibiotic, analgesic, multivitamins and fluid therapy were administered. The animal seemed completely unstable and gradually led to recumbency. Although, there was initial improvement by evening, its health condition further deteriorated & the elephant was succumbed to death by 7.30 PM.

**Body measurements:**

From forehead to base of tail - 173 cm

Height (shoulder to front leg) - 134 cm

Chest girth- 204 cm

Foot circumference of forelimb- 62 cm

Length of the trunk- 71 cm

Length of tail- 52 cm

Length of tuss (both) - 6 cm

Abdomen girth- 266 cm

Ear dimension- 32x40 cm

**External injury:** A large gangrenous wound (size- 15" X 9") containing marked purulent exudates (about half liter) noticed at elbow region of left foreleg. Multiple small circular

*Jayamath R.*

Asst. Conservator of Forest  
Bonai Forest Division

-XO-

Superficial wounds with purulent discharge noticed on ventro-lateral aspects of thoracic and abdominal region.

**Internal appearance:** Sub-cutaneous tissue was found to be pale, dry and anaemic.

**Mouth and Pharynx:** Dry and Pale in appearance.

**Larynx and Trachea:** Slightly congested.

**Pleural cavity and lungs:** Slight congestion noticed.

**Heart:** Myocardial wall was found to be highly congested with diffused haemorrhages.

**Peritoneal cavity:** Presence of scanty ascitic fluids found in peritoneal cavity.

**Liver:** Slight congestion noticed.

**Spleen:** congested

**Stomach:** The lumen was filled with tightened semi-digested food materials with round worms; Diffused haemorrhagic spots noticed across the stomach wall.

**Small intestine:** The lumen was filled with tightened semi digested materials. Serosal congestion with multiple petechial haemorrhages across the intestinal wall was marked. Severe congestion of mesentery and local lymph nodes was detected.

**Large intestine:** The lumen of the last part of the large intestine, colon and rectum was obstructed with very hard faecal materials resulting in impaction. Round worm noticed throughout the lumen. Marked Hemorrhagic foci and congestion seen throughout the intestinal mucosa.

**Kidneys:** Mild congestion of both the kidneys noticed.

**Genital organs:** Highly congested endometrial wall.

**Diagnosis on above examination/cause of death:** May be due to severe intestinal impaction followed by anorexia, anaemia, prostration and death.

**Viscera sent for chemical examination if any:** Result of visceral examination (lungs, liver & spleen) by Centre for Wildlife Health (CWH), CVSc & AH, Bhubaneswar shown negative to EEHV1, *Pasteurella*, *Bacillus* and *clostridium*.

**Date of receipt of visceral samples at CWH, Bhubaneswar:** August 17, 2024 (Receipt of sample at 11.15 AM)

**Place of PM:** Dumermunda (Bonai Forest Division)

*[Signature]*  
23.09.2024  
Veterinary Officer  
Mobile Veterinary Unit  
Bonai Forest Division  
(Dr. Ramesh Samantarai)

*[Signature]*  
23.09.2024  
Officer in Charge  
DDI  
Molecular Diagnostic Laboratory  
Bhubaneswar  
(Dr. Subhansu Mohan Nanda)

*[Signature]*  
23/09/2024  
Block Veterinary Officer,  
Gurundia  
(Dr. Banaja Kanta Pati)  
Block Veterinary Officer  
Gurundia

*[Signature]*  
Asst. Conservator of Forest  
Bonai Forest Division

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## CENTRE FOR WILDLIFE HEALTH

College of Veterinary Science and Animal Husbandry  
Odisha University of Agriculture and Technology  
Bhubaneswar-751003, Odisha, India

Tele Fax: 0674-2397146

e-mail: wildlifehealthodisha@gmail.com / indraveti@yahoo.co.in

OFFICE OF THE  
DIVISIONAL FOREST OFFICER  
BONAI DIVISION

No. 751/C/WII Date 28.08.2024

### EXAMINATION REPORT

Receipt No. 5787

Date 03.09.24

Name & address	Forest Range Officer Tamra Range Email: rotamra@rediffmail.com
Your office reference no/date	959/16.08.2024
Date of sampling	August 16, 2024
Date & time of receipt at CWII	August 17, 2024, 11:15 AM
Description of animal	Elephant, female, 7 years (approx.)
Type of sample(s)	Heart, lungs, liver, kidney, spleen, stomach content & tissue from wound
Preliminary/PM report	Received
Preliminary/ PM findings	Severe intestinal impaction resulting in off-fed, debility, anaemia associated with number of suppurative wounds leading to septicemia and death.
Preservative used	Cold chain
Test(s) requested	Cause of death
Test(s) performed	Molecular screening against bacterial and viral diseases

### RESULTS

Date of examination	Test(s)/Pathogen(s)	Type of sample processed	Results
17.08.2024	<i>Pasteurella multocida</i>	Lungs, liver & spleen	Negative
	Elephant endotheliotropic herpesvirus (EEHV1)		Negative
	<i>Bacillus anthracis</i> (Anthrax)		Negative
	<i>Clostridium haemolyticum</i>		Negative
	<i>Clostridium novyi</i> type A		Negative
	<i>Clostridium novyi</i> type B		Negative
	<i>Clostridium chauvoei</i>		Negative
	<i>Clostridium septicum</i>	Negative	

Project Coordinator  
21.8.24

CENTRE FOR WILDLIFE HEALTH  
College of Veterinary Science & AH  
OUAT, Bhubaneswar-751003

Jagannath B.  
Asst. Conservator of Forest  
Bonai Forest Division

RRT Team in Bonai Forest Division

Sl. No.	Name	Designation
1	Bijayananda Pradhan	Forester-incharge
2	Mukesh Tete	Squad
3	Haresh Nayak	Squad
4	Suren Oram	Squad
5	Jagannath Chhadia	Squad
6	Mishra Munda	Squad
7	Dinabandhu Oram	Squad
8	Susil Toppo	Squad
9	Rajendra Mahanta	Squad
10	Sipun Chhadia	Squad
11	Susil Samal	Squad

Jagannath B.

Asst. Conservator of Forest  
Bonai Forest Division

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### Deployment of Squads under Tamra Range

Sl. No.	Name of Squad	Scheme
1	Duluram Kujur	Para Forest Staff under CAMPA
2	Bandhana Oram	Para Forest Staff under CAMPA
3	Pabana Tirkey	Para Forest Staff under CAMPA
4	Barnabas Lakra	Para Forest Staff under CAMPA
5	Ladhia Singh	Para Forest Staff under CAMPA
6	Srikanta Kisan	Para Forest Staff under CAMPA
7	Sishir Kumar Bag	Para Forest Staff under CAMPA
8	Lity Minz	IPCEA Squad
9	Livnus Tirkey	IPCEA Squad
10	Trilochan Oram	Para Forest Staff under CAMPA
11	Bhado Munda	IPCEA Squad
12	Dusmanta Bag	IPCEA Squad
13	Kalia Kanhu Mahakul	IPCEA Squad
14	Binod Oram	IPCEA Squad
15	Khageswar Mahakul	Para Forest Staff under CAMPA
16	Mansa Munday	IPCEA Squad
17	Dasaratha Kumbha	IPCEA Squad
18	Dasarath Pradhan	Para Forest Staff under CAMPA
19	Ashok Oram	Para Forest Staff under CAMPA
20	Dharmapada Dhibar	Para Forest Staff under CAMPA
21	Arun Kumar Naik	IPCEA Squad
22	Gadadhar Kisan	IPCEA Squad

*Jogannath B.*

**Asst. Conservator of Forest  
Bonai Forest Division**

## Engagement of Gajasathi in Tamra Range

Sl No	Village	Name of Gajasathi
1	Matalgarh	Bishram Lakra
2	San-Gurundia	Georgen Lakra
3	San-Badgaon	Atang Luthar Aind
4	Kantapali	Sevring Lakra
5	Kantapali	Suren Xalxo
6	Bhaludarih	Budhadeb Oram
7	Chandiposh	Ghanashyam Kisan
8	Pitamahal	Baladev Oram
9	Dumermunda	Jagannath Oram
10	Baghiakhandhi	Charua Oram
11	Chilbance	Joseph Soreng
12	Raikelaposh	Sudhir Soreng
13	Gangaguan	Subodh Lugun
14	Gurundia	Mangra Munda
15	Madhupur	Sunil Kimbo
16	Jagannathprasad	Sunil Munda
17	Silikata	Bishnu Kumar Minz
18	Tumbei	Asid Mahakul
19	Tumbei	Mangalu Mahakul
20	Dharanidharpur	Mahesh Singh
21	Jamudarih	Roshan Munda
22	Jamudarih	Nakul Singh
23	Jamudarih	Bishram Munda
24	Saplata	Sukra Oram
25	Jamudarih	Jagannath Singh
26	Bartengla	Sankha Oram
27	RA Pur	Sandeep Toppo
28	Ludhuni	Chitak Dhibar
29	Dhatkiposh	Ranjan Pradhan
30	Bhaludunguri	Jagabandhu Pradhan
31	Bhaludunguri	Govinda Munda
32	Dhatkiposh	Purna Chandra Pradhan
33	Dhatkiposh	Sanjay Pradhan
34	Dhatkiposh	Khetrabashi Pradhan
35	San-Dahichure	Giridhari Luhura
36	Kusumdihi	Simon Beck
37	Kusumdihi	Abraham Xess
38	Belta	Jaypal Tirkey
39	Pankadihi	Kartik Singh
40	Kendughati	Mangal Samasi
41	Bhulikucha	Sangem Kachhap
42	Benuam	Akash Oram
43	Jhakajharan	Budhram Oram
44	Jhakajharan	Mangra Oram
45	Jagda	Raj Kumar Oram
46	Gahami	Rabi Oram
47	Koilijhar	Binod Dhibar
48	Koilijhar	Binod Oram
49	Pitagaon	Somra Minz
50	Pitagaon	Bicha Oram

  
 Asst. Conservator of Forest  
 Bansi Forest Division



### iWLMS Elephant monitoring application

Welcome dfobonai



Reporting



Monitoring

IWLMS initiative

*Jagannath B.*  
Asst. Conservator of Forest  
Bonai Forest Division

← View Report

Date : 05-01-2025 to 06-01-2025

Count : 6

INDIRECT REPORT

Date : 06-01-2025      Division : Bonai  
Total : 1      Herd : 1  
Tusker : 1      Makhna : 0      Female : 0      Calf : 0

INDIRECT

Date : 06-01-2025

Latitude : 21.8418667

Longitude : 84.86121

Location : Dhatikiposh Village

From : 12:00

To : 13:05



Report Type : Indirect ( Fresh Footprints )

Updated By : rotamra

Division : Bonai

Range : Tamra

Section : Bhaludunguri

Beat : Bhaludunguri

Total : 1

Herd : 1



**Nursery photographs (Elephant fodder species)**



Powered by NoteCam

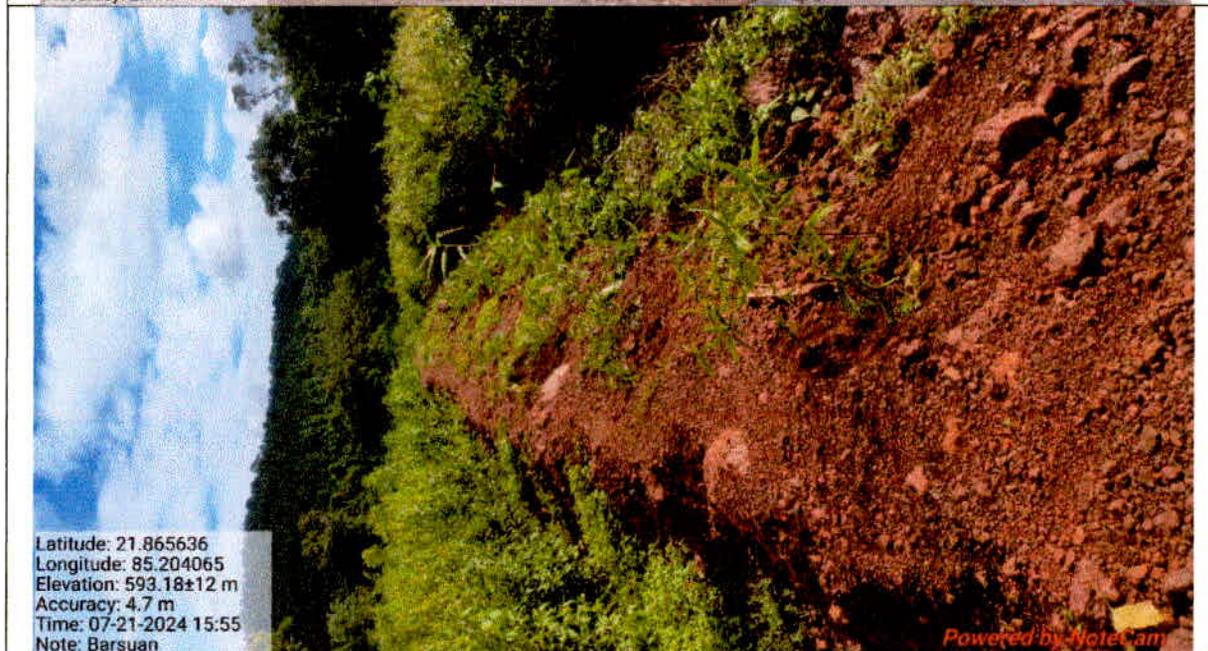


Powered by NoteCam

*Tajamath B.*  
**Asst. Conservator of Forest**  
**Bonai Forest Division**

- ~~XX~~ -

**Plantation photographs (Elephant fodder species)**



*Jagannath R.*  
**Asst. Conservator of Forest**  
**Bonai Forest Division**

~~XB~~

**Staggered Trench**



Latitude: 21°55'9"N  
Longitude: 85°2'16"E  
Elevation: 354.54±14 m  
Accuracy: 1.5 m  
Time: 10-04-2024 15:04  
Note: Amrudhi RF over 13.6 ha

Powered by NoteCam

**Water body**



**Salt lick**



*Jagannath B.*  
Asst. Conservator of Forest  
Bonai Forest Division



**ବନଖଣ୍ଡ ଅଧିକାରୀଙ୍କ କାର୍ଯ୍ୟାଳୟ : ବଣାଇ ବନଖଣ୍ଡ**

**OFFICE OF THE DIVISIONAL FOREST OFFICER : BONAI FOREST DIVISION**

Ph.-06626-244454 : Email- [dfo.bonai@odisha.gov.in](mailto:dfo.bonai@odisha.gov.in)

Memo No. 6948 4F-(Misc.)/Dt. 14.08.2024

To

The Regional Chief Conservator of Forests  
Rourkela Circle, Rourkela

Sub: - Deployment of Mobile Veterinary Unit, Rourkela to Bonai Forest Division;  
regarding

In inviting a kind reference to the captioned subject cited above, it is to inform you that, one elephant has been detected with slow movement pattern since today morning in Rushimath RF of Tamra Forest Range under Bonai Forest Division.

In light of this, it is kindly requested you to deploy the Mobile Veterinary Unit, Rourkela for immediate health assessment of aforementioned elephant detected in Tamra Forest Range under Bonai Forest Division for further necessary action.

Divisional Forest Officer  
Bonai Division

Memo No. 6949 4F-(Misc.)/Dt. 14.08.2024

Copy forwarded to Block Veterinary Officer, Gurundia for information and necessary action. He is also requested to inspect health status of the aforementioned elephant and provide his field observation report for further course of action.

Divisional Forest Officer  
Bonai Division

Memo No. 6950 4F-(Misc.)/Dt. 14.08.2024

Copy forwarded to Range Officer, Tamra Forest Range for information and necessary action. He is also instructed to be in constant touch with the Block Veterinary Officer, Gurundia and Mobile Veterinary Unit, Rourkela for necessary coordination in the matter.

Divisional Forest Officer  
Bonai Division

*Jogannath B.*  
Asst. Conservator of Forest  
Bonai Forest Division



## ବନଖଣ୍ଡ ଅଧିକାରୀଙ୍କ କାର୍ଯ୍ୟାଳୟ: ବଣାଇଁ ବନଖଣ୍ଡ

OFFICE OF THE DIVISIONAL FOREST OFFICER: BONAI FOREST DIVISION.

Ph No.-06626-244454; E-mail: [dfo.bonai@odisha.gov.in](mailto:dfo.bonai@odisha.gov.in)

Memo No. 6990 14F-dt. 14.08.2024

To

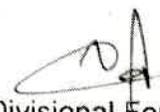
The Principal Chief Conservator of Forests (WL) &  
Chief Wildlife Warden, Odisha, Bhubaneswar

Sub: - Treatment of one Injured Elephant in Tamara Range of Bonai Forest Division; regarding

In inviting a kind reference to the captioned subject cited above, it is to inform you that, one elephant has been detected with slow movement pattern since today morning in near Rushimath RF of Tamra Forest Range under Bonai Forest Division.

In this scenario, the Mobile Veterinary Unit, Rourkela was deployed to assess the health condition of the aforementioned elephant detected in Tamra Forest Range. After due assessment, Dr. Ranjit Samantarai Veterinarian, Mobile Veterinary Unit, Rourkela has suggested to take up further necessary treatment on dated 15.08.2024 at 10.00 AM. The field staffs of Tamara Range are present on the spot to monitor the movement of the elephant.

This is for favour of your kind information and necessary action.

  
Divisional Forest Officer  
Bonai Division

Memo No. 6991 4F-(Misc.)/Dt. 14.08.2024

Copy forwarded to Regional Chief Conservator of Forests, Rourkela Circle Rourkela for information and necessary action in continuation of this office Memo No.6948 dt.14.08.2024

  
Divisional Forest Officer  
Bonai Division

  
Asst. Conservator of Forest  
Bonai Forest Division

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Memo No. 6992 4F-(Misc.)/Dt. 14.08.2024

Copy forwarded to the Divisional Forest Officer, Rourkela Forest Division, for information and necessary action. He is requested to depute Sri Rajesh Jyotishi Forester & another staff to accompany the MVU, Rourkela during treatment of the aforementioned elephant.



Divisional Forest Officer  
Bonai Division

Memo No. 6993 4F-(Misc.)/Dt. 14.08.2024

Copy forwarded to Block Veterinary Officer, Gurundia for information and necessary action. He is also requested to accompany the MVU, Rourkela team with his attendant during treatment of the aforementioned elephant on 15.08.2024 at 10.00AM.



Divisional Forest Officer  
Bonai Division

Memo No. 6994 4F-(Misc.)/Dt. 14.08.2024

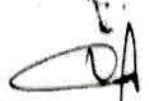
Copy forwarded to Asst. Conservator of Forests (E & CC), Bonai Forest Division for information and necessary action. He is also directed to assist and coordinate the aforementioned matter.



Divisional Forest Officer  
Bonai Division

Memo No. 6995 4F-(Misc.)/Dt. 14.08.2024

Copy forwarded to Range Officer, Tamra Forest Range for information and necessary action. He is also instructed to be in constant touch with the Block Veterinary Officer, Gurundia and Mobile Veterinary Unit, Rourkela for necessary coordination in the matter.



Divisional Forest Officer  
Bonai Division

Jagannath B.  
Asst. Conservator of Forest  
Bonai Forest Division