


### SITE INSPECTION REPORT OF DFO ANGUL DIVISION

1	Name of the Project	Proposal for seeking approval of Central Government under section 2 of the forest conservation Act, 1980 for Diversion of 44.64 ha Forest land and 13.09 ha. of Lookalike forest (Total 57.73 ha.) for Coal Mining at Bharatpur Open Cast Expansion Project at Bharatpur Area of Mahanadi Coalfield Limited of Angul District.														
2	Name of the district/division	Angul/ Angul (T) Division														
3	Date of Inspection	<b>23/ 08 /2023</b>														
4	Name & designation of the Inspecting Officer	Vivek Kumar, IFS Divisional Forest Officer Angul.														
5	Name & designation of the other Officers who attended the inspection including representatives of the user agency.	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 60%;">Forest Deptt.</th> <th style="width: 40%;">User Agency</th> </tr> </thead> <tbody> <tr> <td>Smt. Sukanti Dei, Range Officer, Talcher</td> <td>Dibyajiban Si. G.M, Bhartpur Area</td> </tr> <tr> <td>Smt. PritirekhaDehury, Forester Deea Section.</td> <td>Sunil Sharma, PO, Bhartpur OCP.</td> </tr> <tr> <td></td> <td>Aditya Prasad, AEO, Bhararpur Area</td> </tr> </tbody> </table> <p style="text-align: center;">Attendance sheet <b>Enclosure-I</b></p>					Forest Deptt.	User Agency	Smt. Sukanti Dei, Range Officer, Talcher	Dibyajiban Si. G.M, Bhartpur Area	Smt. PritirekhaDehury, Forester Deea Section.	Sunil Sharma, PO, Bhartpur OCP.		Aditya Prasad, AEO, Bhararpur Area		
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6	Legal status of forest land with area proposed for diversion	<table border="1" style="width: 100%; border-collapse: collapse;"> <tbody> <tr> <td style="width: 60%;">Rev. Forest</td> <td style="width: 40%;">1.25</td> </tr> <tr> <td>DLC Forest</td> <td>43.39</td> </tr> <tr> <td>Look alike Forest</td> <td>13.09</td> </tr> <tr> <td><b>Total</b></td> <td><b>57.73</b></td> </tr> </tbody> </table>					Rev. Forest	1.25	DLC Forest	43.39	Look alike Forest	13.09	<b>Total</b>	<b>57.73</b>		
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7	If area required for diversion has been demarcated on the ground.	Yes (Photos in <b>Enclosure-II</b> )														
8	Item-wise breakup of the forest land proposed for diversion.	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 25%;">Requirement for the purpose</th> <th style="width: 15%;">Revenue Forest</th> <th style="width: 15%;">DLC Forest</th> <th style="width: 15%;">Look alike Forest</th> <th style="width: 10%;">Total</th> </tr> </thead> <tbody> <tr> <td>Coal Mining</td> <td><b>1.25</b></td> <td><b>43.39</b></td> <td><b>13.09</b></td> <td><b>57.73</b></td> </tr> </tbody> </table>					Requirement for the purpose	Revenue Forest	DLC Forest	Look alike Forest	Total	Coal Mining	<b>1.25</b>	<b>43.39</b>	<b>13.09</b>	<b>57.73</b>
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9	Condition of vegetation and type of forest in the applied	Tropical Moist Deciduous Forest. Mostly Sal forest, Kaju, Mai, Neem														

	area.	Mango, Teak etc. Density – Open (0.35)														
0	Position of Wildlife in general.	<div>The position of wild animals is furnished below</div> <table><thead><tr><th>Fauna</th><th>Birds</th></tr></thead><tbody><tr><td>Wild Boar(<i>Susscrofa</i>)</td><td>Peafowl (<i>Pavocristatus</i>)</td></tr><tr><td>Barking Deer(<i>Muntiacus</i>)</td><td>Indian Roller(<i>Coracias benghalensis</i>)</td></tr><tr><td>Indian Hare(<i>Leporidae</i>)</td><td>Cattle Egret(<i>Bubulsus ibis</i>)</td></tr><tr><td>Elephant (<i>Elephant maximus</i>)</td><td>Common Kingfisher(<i>Alceo atthis</i>)</td></tr><tr><td>Langur(<i>Semnopithecus</i>)</td><td>Drongo(<i>Dicrurusadsimilis</i>)</td></tr><tr><td>Jackal (<i>Canisaureus</i>)</td><td></td></tr></tbody></table> <div>Year wise elephant movement from control room data is attached in <b>enclosure-III.</b></div>	Fauna	Birds	Wild Boar( <i>Susscrofa</i> )	Peafowl ( <i>Pavocristatus</i> )	Barking Deer( <i>Muntiacus</i> )	Indian Roller( <i>Coracias benghalensis</i> )	Indian Hare( <i>Leporidae</i> )	Cattle Egret( <i>Bubulsus ibis</i> )	Elephant ( <i>Elephant maximus</i> )	Common Kingfisher( <i>Alceo atthis</i> )	Langur( <i>Semnopithecus</i> )	Drongo( <i>Dicrurusadsimilis</i> )	Jackal ( <i>Canisaureus</i> )	
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11	Whether the applied area is involved with any eco-sensitive area/ national park/ sanctuary.	No. :- Map showing distance between protected area and corridors is <b>Enclosure-IV</b>														
12	No. of trees to be felled and its impact on the systems.	2997 Nos tree 33.44 ha. (Part enumeration), being mining induced polluted area, felling of trees will have adverse impact on air quality and soil conservation.The total estimated trees over entire forest area proposed be diverted is 12,297 nos of trees (estimated).														
13	Details of broken up area and reclamation done if any.	Not Found														
14	Position of displacement of people and adequacy of rehabilitation, if any.	Not Applicable														
15	Position of rare and endangered species available of importance of area from eco-social point of view.	Not Found														
16	Non forest land used in the project and non forest land selected for compensatory Afforestation is included in the D.LC. Report or not.	i.) DLC forest 43.39 ha., Revenue Forest 1.25 ha. And look alike 13.09 Ha is involved in the project and is included in the diversion proposal.														



17	Suitability of the identified non forest area for compensatory Afforestation.	<p>i) Notified area of 43.519 Ha at Sunajhari RF under Bhuban Range of Dhenkanal Division and 72.462 ha. in Ramei RF under Sarangi Range of Dhenkanal Division has been identified which is suitable for ANR plantation with 500 plants per hectare as per scheme submitted by DFO, Dhenkanal is enclosed in the diversion proposal.</p> <p>ii) Suitability certificate has been furnished in the CA Scheme by Divisional Forest Officer, Dhenkanal Division.</p> <p>iii) The user agency has given the undertaking to handover biologically reclaimed non-forest land equivalent to forest area (minimum 57.73 Ha) from its acquired area because of taking up Compensatory Afforestation in Degraded Forest land. Undertaking submitted is attached in the proposal.</p>
18	Violation of forest (Conservation) Act 1980 if any and action taken thereof.	No violation is observed during the visit.

  
 Divisional Forest Officer  
 Angul Division

## List of the Officials attending the Site Inspection for Bharatpur OCP, Angul

Dated: 23.08.2023

SN	Name and Designation	Signature
1	Vivek Kumar, DFO Angul	Vivek 23/8/23
2	Prakash Chandra Nayak	Prakash 23/8/23
3	Dibyajiban Si, GM, Bharatpur	Dibyajiban 23/08/23
4	Sunil Chandra, PO, Bharatpur	Sunil 23/8/23
5	Santanu Das S.O (L&R) Bharatpur	Santanu 23/08/2023
6	Haran Kumar Das. Dy. MGR (Sump)	Haran 23/08/23
7	Sahajuddin Khan SO (S)	Sahajuddin 23/8/2023
8	Aditya Prasad, SO (Envr) Bharatpur	Aditya
9	Apurba Kumar Singh S.O	Apurba
10	Jyoti Ranjan Dash	Jyoti
11	Sukanti Devi, FRO Talcher	Sukanti 23/8/23
1		

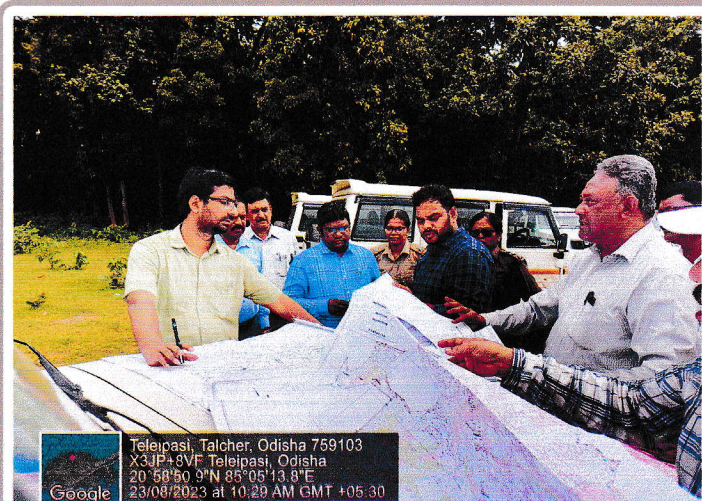
Vivek  
Divisional Forest Officer  
Angul, Division



GEO-TAGGED IMAGES SHOWING  
THE VISIT OF DFO, ANGUL OVER SAL FOREST & LOOK-LIKE FOREST PATCHES INVOLVED IN  
BHARATPUR OCP EXPANSION.



*[Signature]*  
Divisional Forest Officer  
Angul, Division

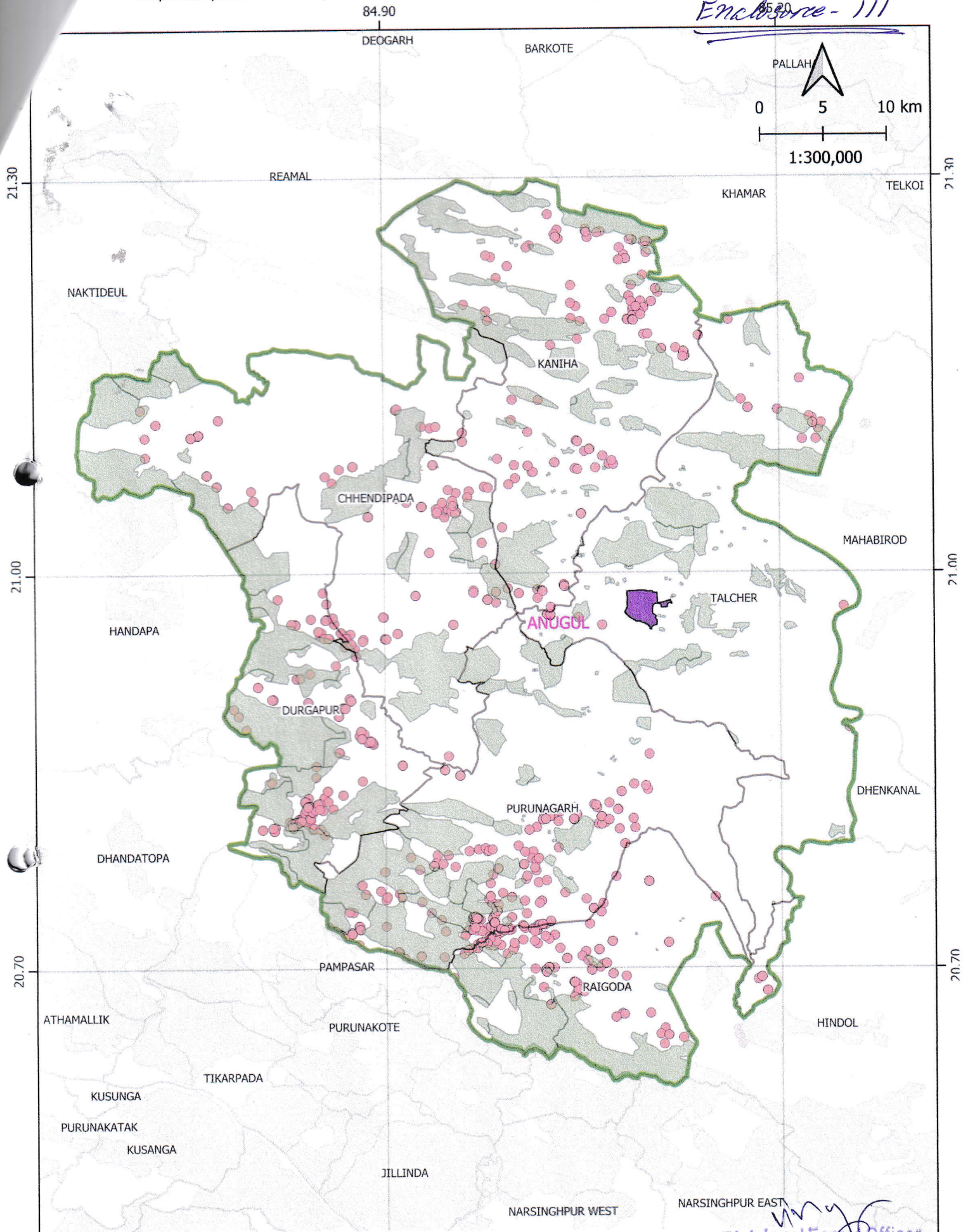




Reported presence of Elephant Movement in Calendar Year August-2018 in Angul Forest Division

45

Enclosure - III

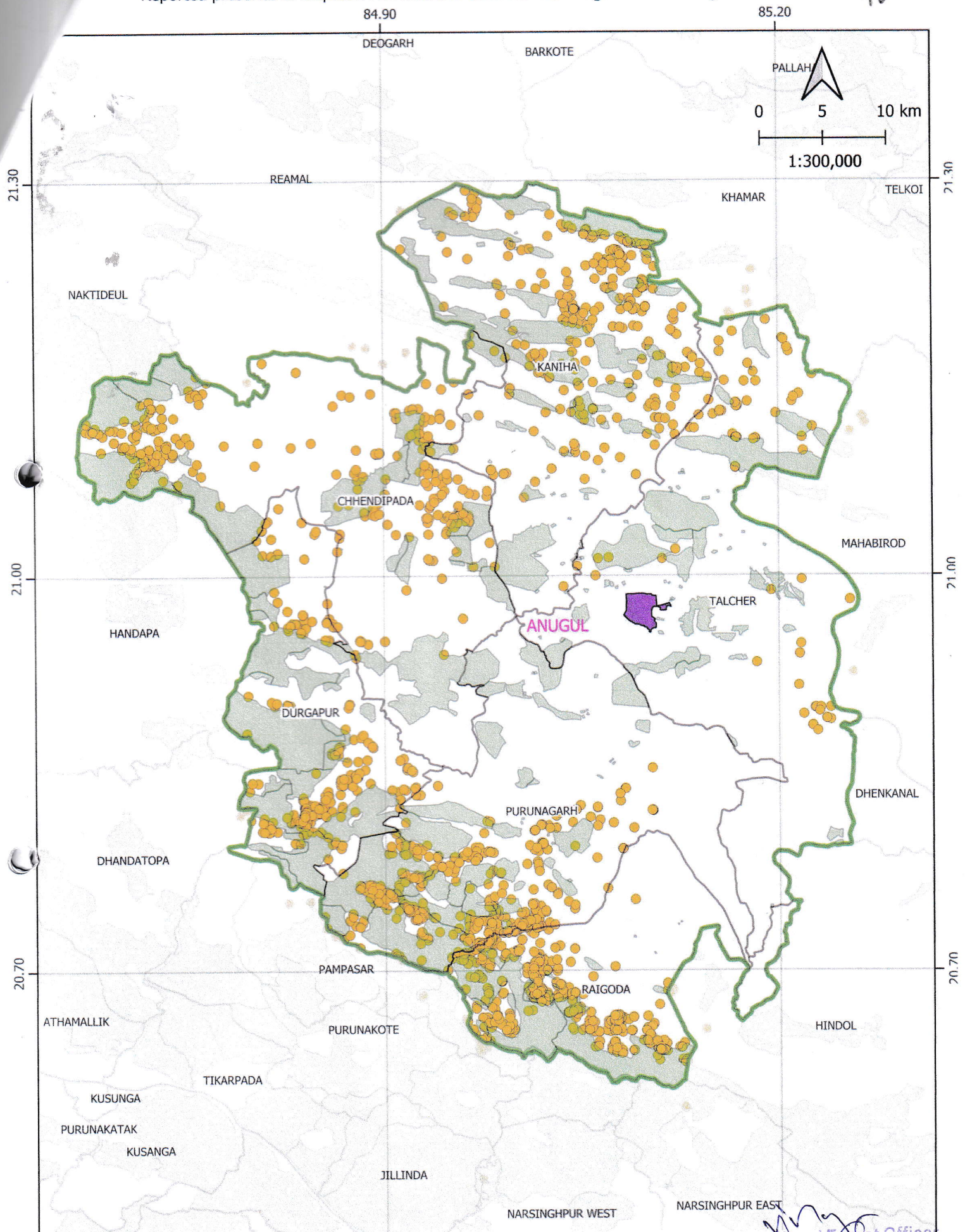


Divisional Forest Officer  
 Angul, Division



# Reported presence of Elephant Movement in Calendar Year August-2019 in Angul Forest Division

46



## LEGEND

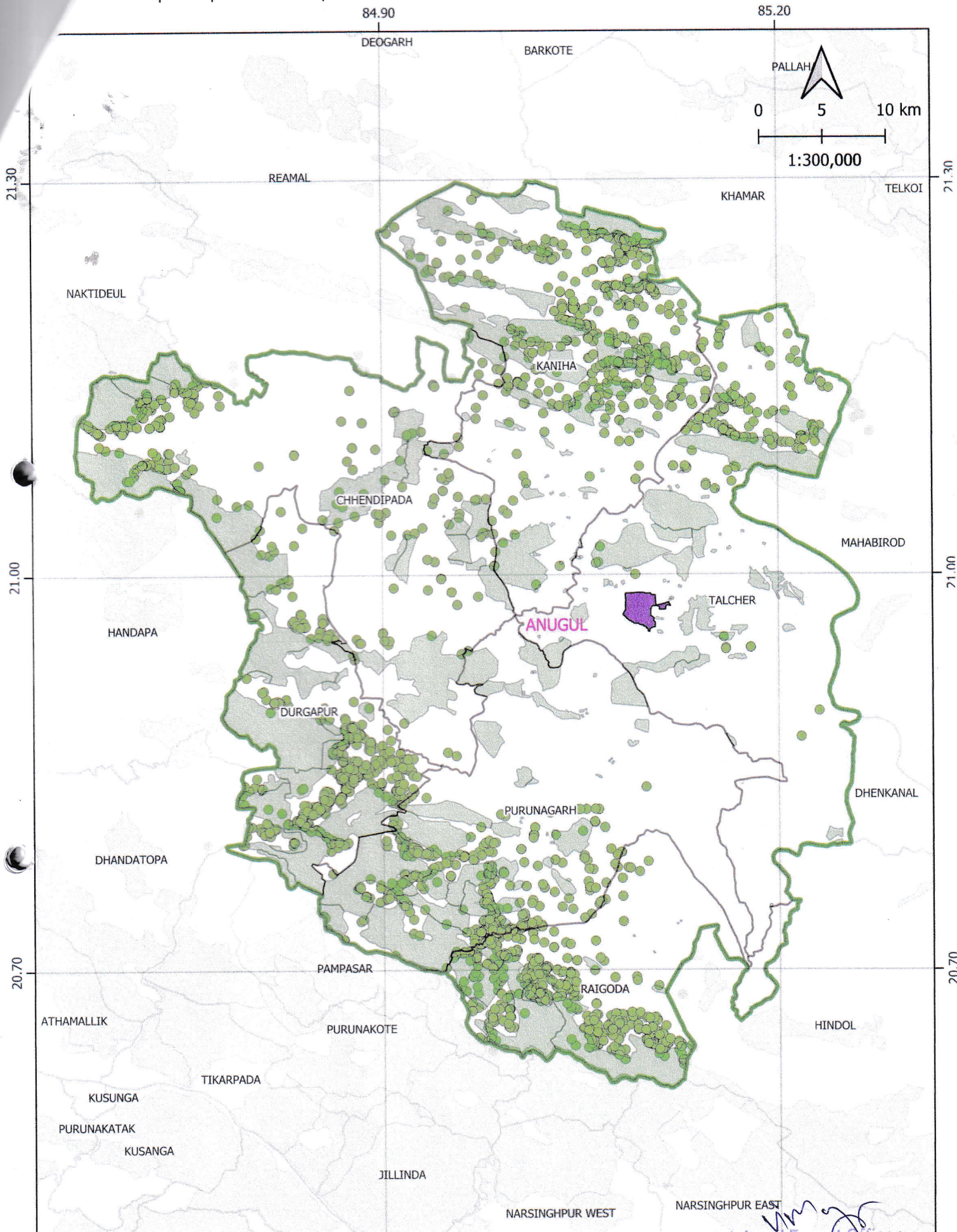
- Forest Block Boundary
- Range Boundary
- Elephant movement Data 2019
- Bhartpur Mining Lease Area

Divisional Forest Officer  
Angul Division



# Reported presence of Elephant Movement in Calendar Year August-2020 in Angul Forest Division

47



MA **LEGEND**

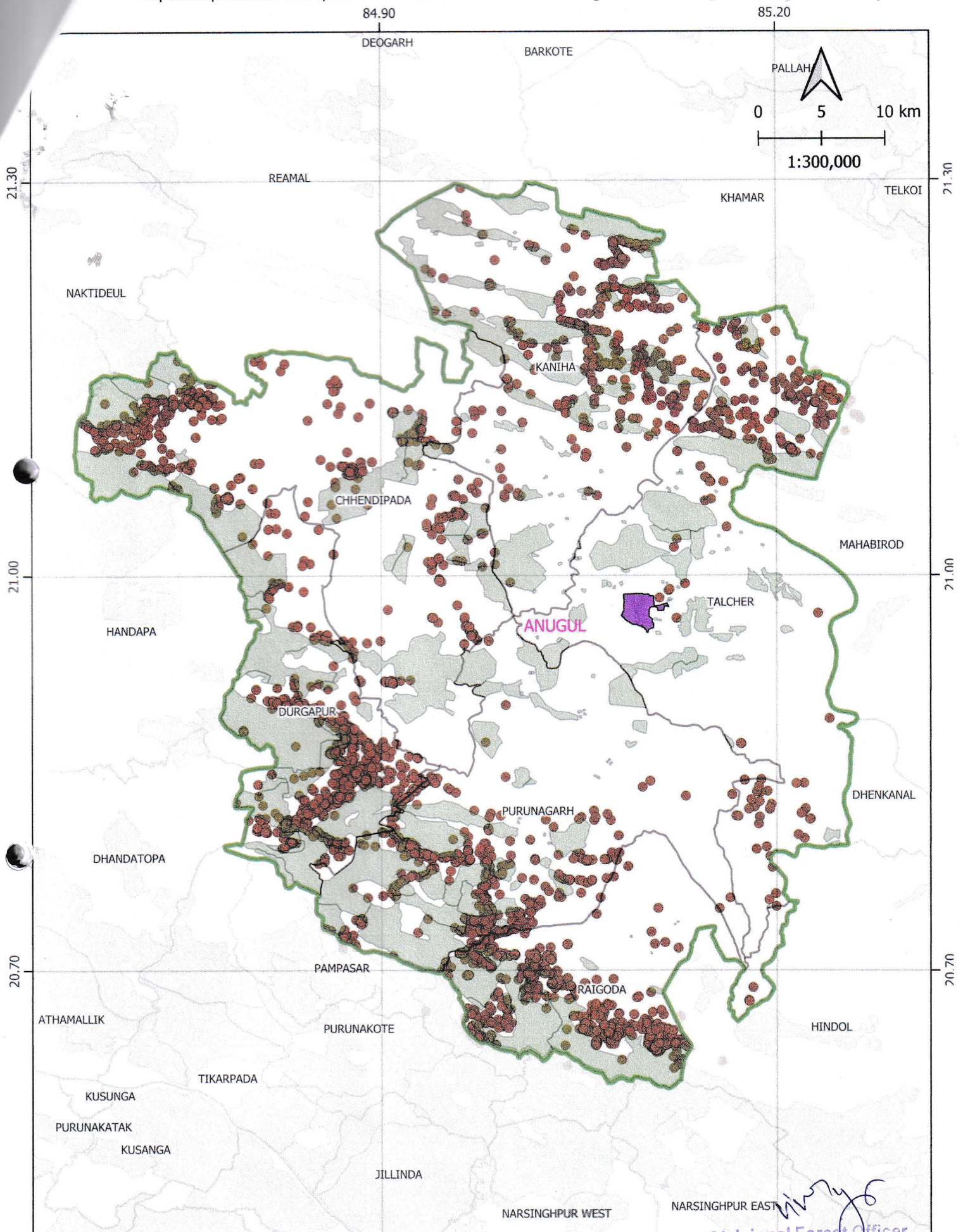
Forest Block Boundary Range Boundary Elephant movement Data 2020 Bhartpur Mining Lease Area

Divisional Forest Officer  
Angul, Division



# Reported presence of Elephant Movement in Calendar Year August-2021 in Angul Forest Division

48



MA **LEGEND**

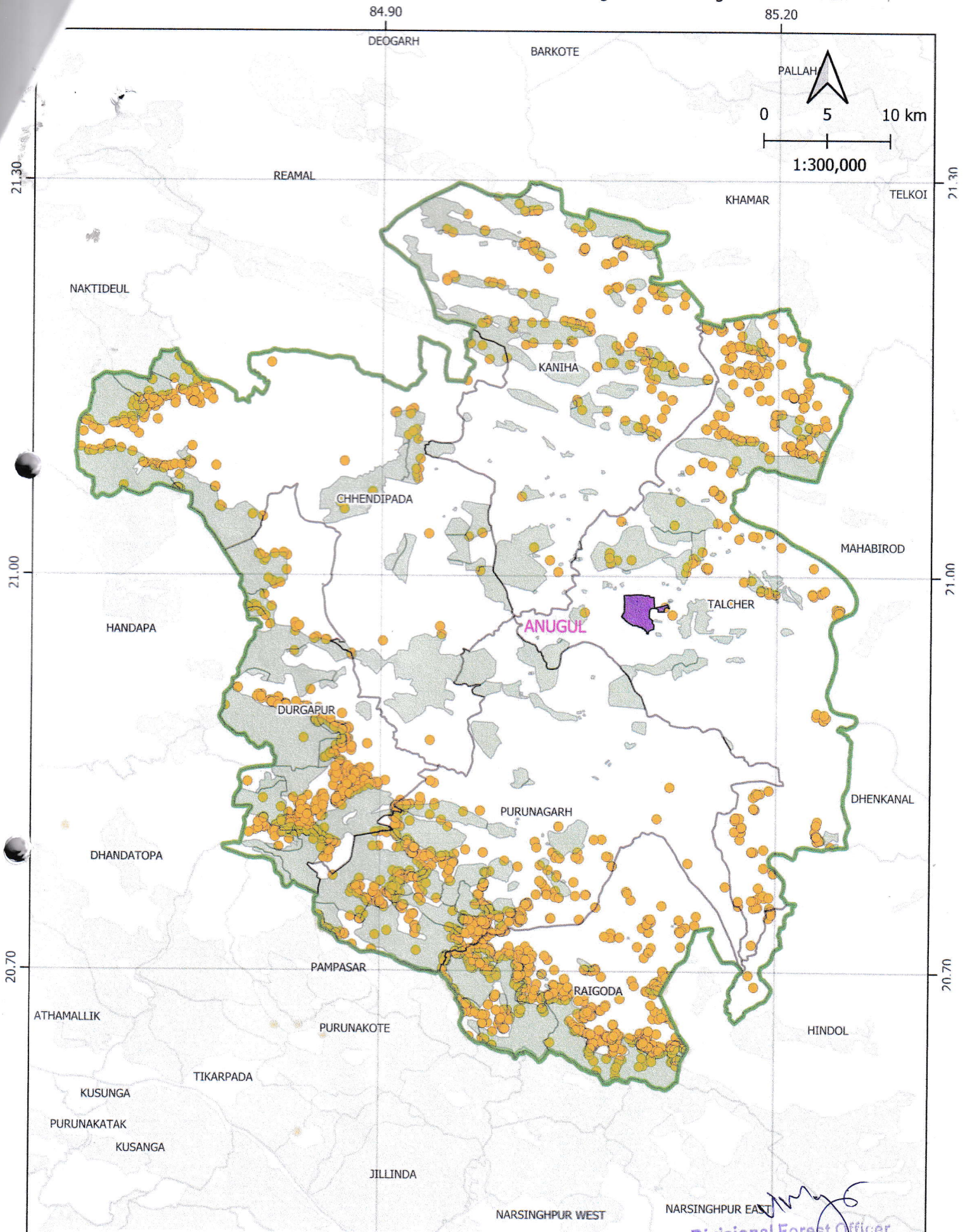
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- Range Boundary
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Divisional Forest Officer  
Angul, Division



Reported presence of Elephant Movement in Calendar Year August-2022 in Angul Forest Division

49



Divisional Forest Officer  
Angul Division



Map showing distance between protected area and Corridors between Bhartpur Mining Lease area

50

Ed. E. Mahanadi-II

84.90

85.20

PALLAHARA

0

5

10:km

KHAMAR

1:300,000

REAMAL

NAKTIDEUL

KANIHA

CHHENDIPADA

35.99

12.23

MAHABIROD

HANDAPA

ANUGUL

TALCHER

DURGAPUR

21.99

30.74

PURUNAGARH

DHENKANAL

DHANDATOPA

PAMPASAR

RAIGODA

PURUNAKOTE

HINDOL

ATHAMALLIK

KUSUNGA

TIKARPADA

PURUNAKATAK

JILLINDA

NARSINGHPUR WEST

NARSINGHPUR EAST

HAMUNDIA

Name of Protected Ara	Distance in Km
Satkosia Eco-Sensitive Zone	21.99
Mahanadi Elephant Corridor	29.1
Sambalpur Elephant Corridor	35.99
Satkosia Eco-Sensitive Zone	30.74
Satkosia-Similipal Tiger Corridor	12.23

# LEGEND

Divisional Forest Officer  
Angul, Division