

ବନଖଣ୍ଡ ଅଧ୍କାରୀଙ୍କ କାର୍ଯ୍ୟଳୟ ସୁନ୍ଦରଗଡ ସୁନ୍ଦରଗଡ ବନଖଣ୍ଡ :

OFFICE OF THE DIVISIONAL FOREST OFFICER; SUNDARGARH FOREST DIVISION.

(Phone-06622-272243, FAX-06622-274987, email- <u>dfosngdvn@yahoo.co.in</u>)

Memo No. 2533 /4F/ Misc. /2021 DT: - 09 /06/2021

To

The Regional Chief Conservator of Forests, Rourkela Circle, Rourkela.

Sub:

Proposal towards seeking clearance from Ministry of Environment, Forest & Climate Change, Govt. of India for diversion of 349.709 ha of forest land of Siarmal Open cast Coal Mining project of Mahalaxmi Area of Mahanadi Coalfields Limited (Proposal No. FP/OR/MIN/32796/2018 submitted on 28.03.2018, State Serial No. OR-061/2019 dated 07.09.2019

Ref.:

- 1. Your Memo No.4138/3F-76 dated 12.11.2020
- 2. Letter No. No.MCL/GM/MLA/2020/PO/SOCP/827 dated 21.12.2020 of Project Officer, Siarmal OCP

With reference to the memo number cited above, the user agency has submitted the point-wise compliance of the EDS raised vide your Memo under reference. The point-wise compliance submitted by the user agency is furnished below:

1) (i) On a cursory verification of land schedule of forest land with the Bhulekh website, it is seen the RoRs of some plots viz. Plot No.763, 783, 784, 982, 1128, 1498, 1501, 1511, 1514, 1697, etc. of Khata No.184, village- Gopalpur under Hemgir Tahasil are not available there. The Plot No.1198, 1200 and 1201 of Khat a No.191, village- Ratansara of Hemgir Tahasil are also not available in the Bhulekh website. The area of Plot No.1203P of Khata No.240 of village-Jhupurunga of Hemgir Tahasil is less than the area applied for. Similarly, the area of some Plots viz. Plot No.705, 955, 1449 are less than the area applied for by the UA. Again, the Plot No.1793 of Khata No.193 and the Plot No.1795 of Khata No.191 have been mentioned repeatedly. Thus, the land schedule of the total forest land needs thorough verification as regards the "Area of each plot as per RoRs vis- a- vis the area required from that particular plot by the User Agency. The land schedule of forest land should be authenticated by the DFO, Sundargarh.

(ii) Further, on verification of the schedule of the non-forest land, the plot No. 718, 758, 761 of Khata No. 184 of village-Gopalpur under Hemgir Tahasil are also not available in the Bhulekh website. Thus, total land schedule involved in the project has been prepared in a very casual and haphazard manner. It needs proper verification and necessary compliance.

The user agency has submitted the land schedule of the total forest land which has been thoroughly verified as regards the area of each plot as per RoRs vis- a- vis the area required from that particular plot for the project and the same has been re-verified by Tahsildar, Hemgir. The revised land schedule of the plots under question with necessary rectifications, duly vetted by Tahsildar, Hemgir, is enclosed as **Annexure-I**. The details regarding the same is also being provided here in the tabular form below:

Land Schedule prepared from Record of Rights (ROR)/ Khatians available at Tahsil Office Hemgir

Land State	Schedule in us as on 25.10.1	Forest Divers 1980)			I OCP, MCL	Remarks
SI.	Village	Khata No.	Plot No.	Kisam	Area (Ac.) as on 25.10.1980	
1	Gopalpur	182	763	Jungle	5.78	Wrongly it was mentioned as 184.
2		184	783	Jungle	0.65	Verified with khatian and found correct.
3		184	784	Jungle	2.70	Verified with khatian and found correct.
4		184	982	Jungle	2.62	Verified with khatian and found correct.
5		182	1128	Jungle	10.85	Wrongly it was mentioned as 184.
6		182	1498	Jungle	7.90	Wrongly it was mentioned as 184.
7		182	1501	Jungle	12.87	Wrongly it was mentioned as 184.
8		184	1511	Jungle	1.52	Verified with khatian and found correct.
9		184	1514	Jungle	2.32	Verified with khatian and found correct.
10		182	1697	Jungle	12.40	Wrongly it was mentioned at 184.
11	Ratansara	191	1198	Sal Jungle	0.47	Verified with Khatian and found correct, but in the year 1988 the land has been settled to Khat No.186/122.
12		191	1200	Sal Jungle	0.16	Verified with Khatian and foun correct, but in the year 1988 th land has been settled to Khat No.186/122.
13		191	1201	Sal Jungle	0.58	Verified with Khatian and foun correct, but in the year 1988 the land has been settled to Khat No.186/122.
14	Jhuprunga	240	1203	Jungle	0.27	Verified with khatian and foun correct.
15	Gopalpur	184	705	Jungle	7.38	Verified with khatian and found correct, but in the year 1988 the land has been settled to Khat No.180/71 & 180/72 vide Least Case No.616/75 & 602/75.
16		184	955	Jungle	5.20	Verified with Khatian and four correct.
17		184	1549	Jungle	5.00	The total area of the plot Ac.6.33, out of that Ac.1.33 h been settled to Kalia Amat S/Siba Amat vide Lease Ca No.1209/75.
18	Ratansara	193	1793	Jungle	0.51	Wrongly the plot has be printed twice.

19		191	1795	Bada	0.33	Wrongly the plot has been
				Jungle		printed twice.
20	Gopalpur (GNF)	184	718	Ba.Sa	0.44	Verified with khatian and found correct.
21		184	758	Dhuda	0.16	Verified with khatian and found correct.
22		184	761	Patit	0.22	Verified with khatian and found correct.

However, the plot no. 1449 of Gopalpur village falls under Govt. Non-forest land and the area for the plot is 1.22 Acres as per the Record of Rights (RoR) and the land schedule which has been authenticated by the Tahsildar, Hemgir. The same has been attached herewith as **Annexure I (a).**

2.)In the Diversion proposal it has been proposed for diversion of 349.709 ha. of Revenue forest land. But in the Site Inspection Report against Point No.7 i.e., legal status of forest land with area proposed for diversion, the total of the village wise forest land mentioned therein comes to 350.11 ha. The discrepancy may be clarified. Further, the total of the item wise break up for forest land proposed for diversion as mentioned vide Point No.8 in the Site Inspection Report comes to 349.669 ha. where-as the total forest area proposed for diversion is 349.709 ha. The discrepancy in this regard may be clarified.

In compliance to the above, the item wise breakup of the forest land proposed for diversion as mentioned vide point No. 8 and the total area of the forest land in point no. 7 has been rectified and the corrected page of the site inspection report has been provided with the proposal. However, the rectified portion is being highlighted below for your ready reference:

			e (7.5 meter mining lease	3.930		3.930
		Mining		260.769		260.769
	land proposed for diversion			in (Ha.)	-551	(Ha,)
8	Item wise breakup of forest	Purpose		Revenue For	rest	Total in
			Total		349.	709
		6	Kulda		9.15	8
		5	Tumulia		64.0	992
		4	Jhuprunga		53.8	312
		3	Ratansara	A.,	48.4	170
		2	Gopalpur		94.1	81
		1	Siarmal		79.9	996
		Sl. No.	Village Name	e	Are	ea in Ha.
		Limited.				
	diversion	Mining Pr	roject of Mahal	axmi Area of	Maha	anadi Coalfields
	with area proposed for	order to s	start mining ope	erations of Sian	rmal	Open cast Coal
7	Legal status of forest land	349.709 h	a of revenue fo	orest land is ne	eded	for diversion in

boundary		1	
Embankment, OB,	85.010	85.010	
Blasting zone and others			
Total	349.709	349.709	
Proposed diversion of for	est is for diversion i	n order to start	
mining operations of Siarn	nal Open cast Coal M	lining Project of	
Mahalaxmi Area of Mahar	Mahalaxmi Area of Mahanadi Coalfields Limited.		

3.) It has been mentioned that Forest land under Safety Zone is 3.930 ha. Since Safety Zone is demarcated by taking 7.5 Mtrs. Strip all along the lease boundary, there may be Nonforest Govt. and Non-Forest Private land under Safety Zone which should also be furnished.

The user agency has submitted a plan showing the Safety Zone of 7.5 Mtrs all along the lease boundary has been attached as **Annexure** – **II**. The user agency has intimated the details of land coming under safety zone of 7.5 Mtrs which is as detailed below:

Type of Land	Area in ha	
Forest land	3.930	
Government Non-forest Land	8.086	
Government Non-Torest Land	0.000	
Tenancy/Govt. Non-forest Private	6.576	
Total Safety zone area	18.592	

4.) It seems that, the CA Scheme has been prepared over 699.418 ha. of degraded forest land i.e., by taking twice the area of 349.709 ha. of forest land applied for the diversion. Since it is a mining project, the forest area under Safety Zone as indicated in point No.3 should have been excluded while calculating the area for Compensatory Afforestation. Therefore, the CA Scheme needs to be revised and prepared at the current wage rate of Rs.308/- per man day.

In compliance to the above the CA scheme has been revised at the current wage rate of Rs. 308/- per man day. The scheme has been prepared by excluding the forest area involved in the safety zone. The revised financial outlay is **Rs.22,62,21,607.00**. The revised Scheme is attached as **Annexure - III.**

5.) Since it is a mining project, an undertaking may be obtained from the UA to pay the proportionate cost of Regional Wildlife Management Plan for the total project area as per the present rate.

In compliance to the above, an undertaking is furnished herewith as **Annexure-IV** to the effect that the MCL will pay the proportionate cost of Regional Wildlife Management Plan for the total project area as per the present rate.

- 6.) As reported in the Site Inspection Report and in the R&R plan, 2953 Nos. of families will be affected due to the above project. Since the project involves displacement of more than 1000 persons, the User Agency will have to fulfil the following conditions as per the stipulation issued by the GOI, MoEF vide their letter F.No.11-9/1998-FC dtd.04.01.2011:
- i) The user agency shall establish and operate a Vocational Training Institute having capacity to impart training in at-least five disciplines, to be decided by the State Government concerned in consultation with the user agency, for the benefits of the eligible unemployed youth in the project affected villages. The user agency should also endeavour to employ such trained manpower in their own industry or any other appropriate industry, preferably located in vicinity of the forest land being diverted; and
- ii) The user agency shall setup an independent Social Welfare Department / Division and follow the subsequent condition of the project-affected and the project-displaced persons in such a way as to understand their socio-economic conditions before and after the project and take such corrective measures as are necessary to restore them to their original or better-than-original condition.
- i) In compliance to the above, the user agency has intimated the following facts:
- a) Apart from giving land compensation and resettlement, MCL is providing employment to every eligible project affected person. The village-wise approval of project affected persons employed/to be employed by MCL is given below:

Village	Siarmal	Jhuprunga	Gopalpur	Tumulia	Kulda
Employment approved	127	402	659	224	74
Monetary Compensation given/tobe given to persons not able to work due to age.	51	213	109	478	19

A group **vocational training centre** approved by the Director General of Mines Safety is being operated by MCL to impart initial training to work persons employed departmentally as well as contractually with regards to all safety measures for working in mines. The details regarding the same is attached herewith as "Annexure V".

- b) provision of employment to every eligible project affected person is attached herewith as "Annexure V(a)".
- c) For the employed youth, an agreement has been signed between the user agency and M/s MITS, Rayagada under Basantidevi Charitable Trust to impart ITI training to the land outsees under its Rehabilitation and Resettlement scheme (R&R) for skill development training programme, the agreement letter is attached herewith as "Annexure V(b)".
- d) For the unemployed youth, MCL has been doing skill development programs and accordingly an agreement has been signed with the Central Institute of Plastics Engineering &

Technology (CIPET) on 17.11.2020 for a project proposal "Handyman", a multi-skilled development program for youth, the details of which is attached herewith as "Annexure V(c)".

- e) Apart from this, the PAFs from the nearby villages have been employed under different companies which are working within the coalfields, the details of which are attached herewith as "Annexure V(d)".
- f) However, an undertaking is hereby being provided that "The user agency shall establish and operate a Vocational Training Institute having capacity to impart training in at-least five disciplines, to be decided by the State Government concerned in consultation with the user agency, for the benefits of the eligible unemployed youth in the project affected villages." The undertaking is attached herewith as "Annexure VI".
 - iii) Setting up independent social welfare department/Division has to be properly addressed:

Reply:In compliance to the above, the project proponent has already set up a "Samadhan Kendra" to hear the grievances of publicand understand their socio-economic conditions. Please refer to "Annexure VII".

In addition to this, the department of land and revenue consisting of a senior officer in the rank of the Chief Manager is established to oversee the welfare of the land outsees and project affected persons. This department deals in the following:

- a) Land Compensation
- b) Structure compensation
- c) Compensation of trees, plants, ponds, wells, etc. in the tenancy lands
- d) Employment
- e) Cash in lieu of employment
- f) Monetary Compensation
- g) Rehabilitation
- h) Resettlement

The rehabilitation and resettlement of project affected persons is decided based on the survey of Honorable Claims Commission appointed by the Honorable Supreme court of India. To further facilitate the solution of the complaints and grievances if any of the persons employed and general public, a Samadhan Kendra is established by an order of the competent authority. This facilitates the faster resolution of complaints as they are directed to the respective departments for speedy resolution. The details of the grievance addressal system is attached herewith as "Annexure VII(a)".

However, an undertaking is hereby being provided which is attached herewith as "Annexure VI".

7.) Tree enumeration list for non-forest (Both for Non-Forest Govt. & Non-Forest private) land involved in the project has not been provided. Further, the number of trees to be felled from the Non-Forest land should also be indicated.

In compliance to the above, Tree Enumeration List for Non-Forest Land duly vetted by Revenue and forest officials of Hemgir Tahsil and Gopalpur range which has been enclosed in a separate lever Arch File along with tree enumeration list of forest land.

8.) In the Brief description, detailed information on lease history should be given.

The user agency has submitted the information on lease history which is attached herewith as "Annexure VIII".

9.) The latitude and longitude between which Siarmal OCP lies has not been mentioned.

The user agency has informed that Siarmal OCP lies between latitude 22° 01' 19" to 22° 03' 59.99" Northand longitude 83° 37' 09" to 83° 42' 49.58" East.

10.) Whether any Court case pending in respect of this lease.

The user agency has informed that there has been no case pending in respect of this lease. The user agency has submitted an undertaking stating that there is no case pending in respect of this lease and the user agency will be responsible if such case arises in the near future. The undertaking is attached herewith as "Annexure IX".

11.) Check list SI. No. 7, 8, 10, 11, 17, 18.1, 18.2 & 20 should be duly filled in as per the prescribed format and enclosed in the Diversion Proposal.

As per prescribed format, the Check list SI. No. 7, 8, 10, 11, 17, 18.1, 18. 2 & 20 has been duly filled in.

12.) The justification for locating the project in forest land should be countersigned by the DFO.

In compliance to the above, the justification for locating the project in the forest area has been duly counter-signed by the undersigned. The justification for locating the project land is attached herewith as **Annexure X.**

13.) AII the Undertakings furnished by the UA must be countersigned by the DFO concerned.

In compliance to the above, the Undertakings furnished by the UA has been duly countersigned by the undersigned.

14.) Cost benefit analysis should have been done both by the DFO and User Agency. The Cost Benefit Analysis made by the UA only is found to be enclosed. The Cost Benefit Ratio has also not been provided.

In compliance to the above, the Cost Benefit Analysis prepared by the undersigned also mentioning the cost benefit ratio is attached herewith as "Annexure XI".

15.) Basic information of Sundargarh Division is not enclosed in the Diversion Proposal.

In compliance to the above, the basic information of Sundargarh forest division is enclosed herewith as "Annexure XII".

16.) District profile is not enclosed in the Diversion Proposal.

In compliance to the above, the district profile is enclosed herewith as "Annexure XIII".

17.) Certificate for minimum use of Forest is not enclosed in the Diversion Proposal.

The user agency has submitted an undertaking that bare minimum forest land has been used for the project Siarmal OCP, Mahalaxmi Area which is enclosed herewith as **Annexure XIV**.

18.) Undertaking for cost of maintenance of Safety Zone is not enclosed in the Diversion Proposal.

The user agency has submitted an undertaking that the MCL will pay the cost of maintenance of safety zone within the mining lease area of Siarmal OCP, Mahalaxmi Area which is enclosed herewith as "Annexure XV".

19.) An Undertaking may be obtained from the User Agency to bear the cost of the Site-Specific Wild Life Conservation Plan if stipulated by the PCCF(WL) & CWLW, Odisha/State Govt. in F&E Dept.

The user agency has submitted an undertaking that the MCL will pay the proportionate cost of Site-Specific Wild Life Conservation Plan if stipulated by the PCCF(WL) & CWLW, Odisha/ State Govt. in F&E Dept. for the total project area as per the present rate which is attached herewith as "Annexure XVI".

20.) Map showing the lease boundary is not enclosed in the Diversion Proposal.

The user agency has submitted the map showing the lease boundary which is enclosed herewith as "Annexure- XVII".

21.) A proposed land use plan duly authenticated by the competent authority should be submitted in the Diversion Proposal.

The user agency has submitted proposed land use plan showing lease boundary and safety zone area which is attached herewith as "Annexure XVIII".

22.) Milan sheet of the revenue & forest land should be enclosed in the Diversion Proposal.

The user agency has submitted the Milan (Village) sheets showing the revenue & forest land involved in the project which is attached herewith as "Annexure-XIX".

23.) FRA, 2006 Certificate has not been enclosed in the Diversion Proposal.

The user agency has intimated that all formalities for obtaining NOC under FRA, 2006 are under progress and certificate in this regard will be submitted prior to Stage-II approval. (as per guidelines, Ref. no. 11-43/2013-FC dated 26th February 2019 of MoEF & CC, FC Division.). The user agency has submitted an undertaking stating that "FRA, 2006 formalities for all six villages namely Siarmal, Gopalpur, Jhuprunga, Ratansara, Tumulia and Kulda has been completed. Palli Sabha resolution has been accordingly submitted to the Additional District Magistrate (ADM), Sundargarh for final issue of NOC under FRA, 2006. It is hereby undertaken that NOC under FRA, 2006 will be submitted as soon as it is obtained from District Administration.", which is attached herewith as "Annexure XX".

24.) A map showing the total Safety Zone area should be submitted in the Diversion Proposal.

The user agency has submitted the map showing the total Safety Zone area which is attached herewith as "Annexure II".

25.) Some Maps enclosed in the DP do not have any heading or legend so as to ascertain the utility of the Maps to the said project.

The user agency has submitted the revised Maps showing the necessary heading and legends that can be ascertained through the maps attached herewith.

26.) As per instruction of the PCCF (FD & NO, FC Act), O/o the PCCF, Odisha vide his Memo No.13318 dtd.13.07.20 20 & this office Memo No.1755 (5) dtd.1 3.07.20 20, you have to submit 4(four) sets of diversion proposal duly filled in Part II along with its PDF file also in 4(four) sets.

In compliance to the above and as per instruction of the PCCF (FD & NO, FC Act), O/o the PCCF, Odisha vide his Memo No.13318 dtd.13 .07.20 20 & this office Memo No.17 55 (5) dt d.1 3.07.20 20, 4(four) sets of diversion proposal duly filled in Part II along with its PDF file also in 4(four) sets has been submitted to your good offices.

27.) The Check list with page No. be enclosed.

In compliance to the above, the checklist with page no. has been enclosed.

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

Encl.: "Annexure-I to XX"

Divisional Forest Officer, Sundargarh Forest Division.

Memo No. 2634 /4F (Misc) dt. 09 /06/2021

Copy forwarded to the Reinight Chief Conservator of Forests, Forest Diversion & Nodal Officer, FC-Act., Office of the Principal Chief Conservator of Forests Odisha, Bhubaneswar for favour of your kind information and necessary action with reference to Memo No.4139 dt.12.11.2020.

Divisional Forest Officer, Sundargarh Forest Division.

Memo No. 2635

/4F/ Misc. /2021 DT:- 09 /06/2021

Copy forwarded to the General Manager, Mahalaxmi Area, MCL for information and necessary action.

Divisional Forest Officer, Sundargarh Forest Division

SITE INSPECTON REPORT OF DFO, SUNDARGARH

T	Name of Project	Siarmal Ope	en cast Coal	Mining Project o	f Mahalaxmi Area	
			oalfields Limit			
+				dated 07.09.2019		
	Tropose: 1 - 1	Forest Prop	posal No. FP	P/OR/MIN/32796/2	2018 submitted on	
		28/03/2018.				
-	Name of District / Division	Sundargarh /	Sundargarh I	Forest Division		
1	Date of Inspection	04.06.2021				
5	Name and Designation of	Shri Sanjaya	Kumar Swai	n, Divisional Forest	Officer (i/c),	
)	Inspecting Officer	Sundargarh	Forest Divisio	on, Sundargarh (Odi	isha)	
6	Name and Designation of other	(i) Shri S	Satish Chandre	a Tripathi, Project (Officer, Siarmal	
1	officers who attended the inspection	OCP				
!	including representatives of the user	(ii) Shri I		Badnaik, Range Offi		
,	agency	(iii) Shri l		o.(P&P), Siarmal OC		
	mg,			orester, Gopalpur Ra		
		(v) Sujay	y Das, Enviror	nment & Forest Off	icer, Mahalaxmi	
		Area				
7	Legal status of forest land with area				for diversion in orde	
,	proposed for diversion	to start mining operations of Siarmal Open cast Coal Minir				
	proposed for	Project of Mahalaxmi Area of Mahanadi Coalfields Limited				
		Sl. No.	Village Nan	ne	Area in Ha.	
		1	Siarmal		79.996	
		2	Gopalpur		94.181	
i		3	Ratansara		48.470	
i		4	Jhuprunga		53.812	
1		5	Tumulia		64.092	
1		6	Kulda		9.158	
			Total		349.709	
-	Item wise breakup of forest land	d Purpose		Revenue Forest	Total in (IIa,)	
8		1 Luip		in (Ha.)		
	proposed for diversion	Mining		260.769	260.769	
			ne (7.5 meter	3.930	3.930	
		inside from		3.72		
		lease bour				
		lease oour				

Embankment. OB. Blasting zone and others Total 349,709 349,709 Proposed diversion of forest is for diversion in order to start mining operations of Siarmal Open cast Coal Mining Project of Mahalaxmi Area of Mahanadi Coalfields Limited. Degraded Bushy Forest growth having density as follows is involved in the diversion proposal. 1. Siarmal Revenue Forest-Area – 94,181 Ha, Density:- 0.4 (Eco-Class-III) (D.F.) 2. Gopalpur Revenue Forest-Area – 94,181 Ha, Density:- 0.4 (Eco-Class-III) (D.F.) 3. Ratansara Revenue Forest-Area – 94,181 Ha, Density:- 0.4 (Eco-Class-III) (D.F.) 4. Jhuprunga Revenue Forest-Area – 53,812 Ha, Density:- 0.4 (Eco-Class-III) (D.F.) 5. Tumulia Revenue Forest-Area – 91,58 Ha, Density:- 0.4 (Eco-Class-III) (D.F.) 6. Kudla Revenue Forest-Area – 91,58 Ha, Density:- 0.4 (Eco-Class-III) (D.F.) Forest Type- 5B-C2-DS1- Dry Deciduous Forests Presence of wild animals is observed in less numbers. Wildlife like Wild boar (Sus scrofa), Barking deer (Muntiacus mintjack), Sloth Bear (Melursus ursinus), Jackal (Canis aureus), Fox (Vulpes bengalensis), Hare (Lepus nigricollis), and Indian grey Mongoose (Herpestes edwardsii) are seen in the forest land proposed for diversionbut their population is very thin. Birds like spotted dove (Spilopelia chinensis), Mynas (Acridotheres tristis), Jungle crow (Corvus macrohynchos), Indian cuckoo (Cuculus micropierus), parakeet species (Psittacula species), etc are seen. Common reptiles and lizards like Indian cobra (Naja maja), common garden lizards like Indian cobra (Naja maja), common garden lizards (Calotes versicolor) etc are seen in the race.	1				
Blasting zone and others Total 349,709 349,709 Proposed diversion of forest is for diversion in order to start mining operations of Siarmal Open cast Coal Mining Project of Mahalaxmi Area of Mahanadi Coalfields Limited. Degraded Bushy Forest growth having density as follows is involved in the diversion proposal. 1. Siarmal Revenue Forest-Area – 79,996 Ha, Density:- 0.4 (Eco-Class-III) (D.F.) 2. Gopalpur Revenue Forest-Area – 94,181 Ha, Density:- 0.4 (Eco-Class-III) (D.F.) 3. Ratansara Revenue Forest-Area – 48,470 Ha, Density:- 0.4 (Eco-Class-III) (D.F.) 4. Jhuprunga Revenue Forest-Area – 53,812 Ha, Density:- 0.4 (Eco-Class-III) (D.F.) 5. Tumulia Revenue Forest-Area – 64,092 Ha, Density:- 0.4 (Eco-Class-III) (D.F.) 6. Kulda Revenue Forest-Area – 9,158 Ha, Density:- 0.4 (Eco-Class-III) (D.F.) 6. Kulda Revenue Forest-Area – 9,158 Ha, Density:- 0.4 (Eco-Class-III) (D.F.) Forest Type-5B-C2-DS1- Dry Deciduous Forests Presence of wild animals is observed in less numbers. Wildlife like Wild boar (Sus scrofa), Barking deer (Muntiacus mintijack), Sloth Bear (Melursus ursinus), Jackal (Canis aureus), Fox (Vulpes bengalensis), Hare (Lepus nigricollis), and Indian grey Mongoose (Herpestes edwardsii) are seen in the forest land proposed for diversionbut their population is very thin. Birds like spotted dove (Optilopelia chinensis), Mynas (Acridotheres tristis), Jungle crow (Corvus macrohynchos), Indian cubra (Naja naja), Common reptiles and lizards like Indian cobra (Naja naja), Common krait (Bungarus cacruleus), rat snakes (Pyas mucoss), common garden lizards (Calotes versicolor) etc are seen in the area.			Embankment, OB,	85.010	85.010
Total 349.709 349.709 349.709 Proposed diversion of forest is for diversion in order to start mining operations of Siarmal Open cast Coal Mining Project of Mahalaxmi Area of Mahanadi Coalfields Limited. Degraded Bushy Forest growth having density as follows is involved in the diversion proposal.			Blasting zone and		
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Class-III) (D.F.) Forest Type- 5B-C2-DS1- Dry Deciduous Forests Presence of wild animals is observed in less numbers. Wildlife like Wild boar (Sus scrofa), Barking deer (Muntiacus mintijack), Sloth Bear (Melursus ursinus), Jackal (Canis aureus), Fox (Vulpes bengalensis), Hare (Lepus nigricollis), and Indian grey Mongoose (Herpestes edwardsii) are seen in the forest land proposed for diversionbut their population is very thin. Birds like spotted dove (Spilopelia chinensis), Mynas (Acridotheres tristis), Jungle crow (Corvus macrohynchos), Indian cuckoo (Cuculus micropterus), parakeet species (Psittacula species), etc are seen. Common reptiles and lizards like Indian cobra (Naja naja), Common krait (Bungarus cacruleus), rat snakes (Ptyas mucosa), common garden lizards (Calotes versicolor) etc are seen in the area.			6. Kulda Revenue Fore	est-Area – 9.158 Ha,	, Density:- 0.4 (Eco-
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Sloth Bear (Melursus ursinus), Jackal (Canis aureus), Fox (Vulpes bengalensis), Hare (Lepus nigricollis), and Indian grey Mongoose (Herpestes edwardsii) are seen in the forest land proposed for diversionbut their population is very thin. Birds like spotted dove (Spilopelia chinensis), Mynas (Acridotheres tristis), Jungle crow (Corvus macrohynchos), Indian cuckoo (Cuculus micropterus), parakeet species (Psittacula species), etc are seen. Common reptiles and lizards like Indian cobra (Naja naja), Common krait (Bungarus cacruleus), rat snakes (Ptyas mucosa), common garden lizards (Calotes versicolor) etc are seen in the area.	10	Position of Wildlife in general	Presence of wild anima	als is observed in le	ss numbers. Wildlife
(Vulpes bengalensis), Hare (Lepus nigricollis), and Indian grey Mongoose (Herpestes edwardsii) are seen in the forest land _ proposed for diversionbut their population is very thin. Birds like spotted dove (Spilopelia chinensis), Mynas (Acridotheres tristis), Jungle crow (Corvus macrohynchos), Indian cuckoo (Cuculus _ micropterus), parakeet species (Psittacula species), etc are seen. Common reptiles and lizards like Indian cobra (Naja naja), Common krait (Bungarus cacruleus), rat snakes (Ptyas mucosa), common garden lizards (Calotes versicolor) etc are seen in the area.			like Wild boar (Sus scr	ofa), Barking deer (A	Muntiacus mintijack), _
Mongoose (Herpestes edwardsii) are seen in the forest land proposed for diversionbut their population is very thin. Birds like spotted dove (Spilopelia chinensis), Mynas (Acridotheres tristis), Jungle crow (Corvus macrohynchos), Indian cuckoo (Cuculus micropterus), parakeet species (Psittacula species), etc are seen. Common reptiles and lizards like Indian cobra (Naja naja), Common krait (Bungarus cacruleus), rat snakes (Ptyas mucosa), common garden lizards (Calotes versicolor) etc are seen in the area.			Sloth Bear (Melursus	ursinus), Jackal (Canis aureus), Fox
proposed for diversionbut their population is very thin. Birds like spotted dove (Spilopelia chinensis), Mynas (Acridotheres tristis), Jungle crow (Corvus macrohynchos), Indian cuckoo (Cuculus _ micropterus), parakeet species (Psittacula species), etc are seen. Common reptiles and lizards like Indian cobra (Naja naja), Common krait (Bungarus cacruleus), rat snakes (Ptyas mucosa), common garden lizards (Calotes versicolor) etc are seen in the area.			(Vulpes bengalensis), I	Hare (Lepus nigricol	lis), and Indian grey
spotted dove (Spilopelia chinensis), Mynas (Acridotheres tristis), Jungle crow (Corvus macrohynchos), Indian cuckoo (Cuculus _ micropterus), parakeet species (Psittacula species), etc are seen. Common reptiles and lizards like Indian cobra (Naja naja), Common krait (Bungarus cacruleus), rat snakes (Ptyas mucosa), common garden lizards (Calotes versicolor) etc are seen in the er area.			Mongoose (Herpestes	edwardsii) are seer	n in the forest land _
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micropterus), parakeet species (Psittacula species), etc are seen. Common reptiles and lizards like Indian cobra (Naja naja), Common krait (Bungarus cacruleus), rat snakes (Ptyas mucosa), common garden lizards (Calotes versicolor) etc are seen in the area.			spotted dove (Spilopelia	a chinensis), Mynas	(Acridotheres tristis),
Common reptiles and lizards like Indian cobra (Naja naja), Common krait (Bungarus cacruleus), rat snakes (Ptyas mucosa), common garden lizards (Calotes versicolor) etc are seen in the area.			Jungle crow (Corvus	macrohynchos), Indi	an cuckoo (Cuculus _
Common krait (Bungarus cacruleus), rat snakes (Ptyas mucosa), common garden lizards (Calotes versicolor) etc are seen in the area.			micropterus), parakeet	species (Psittacula s	species), etc are seen.
common garden lizards (Calotes versicolor) etc are seen in the er area.			Common reptiles and	lizards like Indian	cobra (Naja naja),
area.			Common krait (Bungar	rus cacruleus), rat sn	akes (Ptyas mucosa),
area.	i		common garden lizard	s (Calotes versicolor	
					er er
11 Whether the applied area is No, the applied area is not involved with any eco-sensitive					n

1	involved with any eco-sensitive	area/National Park/Sanctuary.
e de la companya de l	area / national park / sanctuary	
12	No. of trees to be felled and its	Total 24414 Nos. of trees (tree enumeration list, enclosed) has
	impact on the systems	been enumerated in the forest land proposed for diversion.
		Species and girth wise abstract is enclosed at Annexure-VIII.
		Felling of these trees will have some negative impact on the eco-
		system. For this loss, the user agency has submitted a scheme of
		Compensatory afforestation over 691.558 Ha of degraded forest
		land at Satparlia R.F. Since the project is essential for
		development in mining sector, the adverse impact on
		environment may be considered insignificant. The User Agency
		has furnished an undertaking to this effect.
(Deducal Stormer)	Details of broken up area and	
13		-Nif-
Marian Comme	reclamation done if any.	
14	Position of displacement of people	-Nil-
	and adequacy of rehabilitation, if	
	any.	
15	Position of rare and endangered	
	species available of importance of	-Nil-
	area from eco-social point of view.	
16	Non forest land used in the project	
	and non-forest land selected for	-Nil-
	compensatory afforestation is	
	included in the D.L.C. report or not.	
17	Suitability of the identified non	
	forest area for compensatory	Not applicable
	afforestation.	
18	Violation of forest (Conservation)	No violation under FC Act has been committed by the User
	Act 1980 if any and action taken	Agency.
	thereof	
1	and the second s	Supple program of the supple o

Divisional Forest Officer
Sundargarh Division