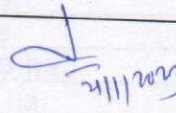


**SITE INSPECTION REPORT OF THE REGIONAL CHIEF CONSERVATOR
OF FORESTS, ROURKELA CIRCLE, ROURKELA**

1.	Name of the Project.	Proposal for diversion of 156.978 ha. of forest land (147.803 ha. in Bonai Forest Division & 9.175 ha. in Keonjhar Forest Division) forest land in respect of Jumka Pathiriposhi Pahar Iron Ore Block of M/s Rungta Mines Ltd. in of Bonai & Keonjhar Forest Division under Sundargarh & Keonjhar Districts. (Proposal No.FP/OR/MIN/150048/2021 (State Sl. No.OR-098/2021) dt.22.12.2021)	
2.	Name of District/ Division.	Sundargarh/ Bonai Forest Division. Keonjhar / Keonjhar Forest Division	
3.	Date of inspection.	10.12.2022 & 20.01.2023	
4.	Name and designation of Inspecting Officer.	Dr Arun Kumar Mishra, IFS, Regional Chief Conservator of Forests, Rourkela Circle, Rourkela.	
5.	Name and designation of the Officers who attended the inspection including representatives of the User Agency.	1. Sri Dhanraj H.D, IFS Divisional Forest Officer, Keonjhar 2. Sri Susanta Kumar Jena, ACF, Bonai Division. 3. Sri Ashok Kumar Dash, ACF, Keonjhar Division 4. Sri Nabin Kumar Pradhan, Dy.Ranger, Barsua Range 5. Manas Kumar Murmu, Range Officer, BJP Range. 6. Sri Bhubaneswar Ray, Forester, Koira Section. 7. Sri Iswar Chandra Kalo, Forest Guard Teherai Beat. <u>Representatives of the User Agency.</u> 1. Sri Hirak Mazumder, Director, Rungta Mines Ltd. 2. Sri Dillip Kumar Parida, Sr. G.M. Mining, Rungta Mines Ltd. 3. Sri S.N. Upadhyay, GM, Corporate Affair (Corporate Affairs)	
6.	Legal Status of the Forest land with area Proposed for diversion	PRF	- 147.803
		Revenue Forest-	9.175 Ha.
		Total :-	156.978 Ha.
7.	If area required for diversion has been demarcated on the ground.	Yes	
8.	<u>Item-wise break-up of forest land proposed for diversion.</u>		
	The item-wise break-up of forest land proposed for diversion is as follows;		
	i)	Mining (including Mobile Crushing and Screening Unit & Temporary Stack Yard)	:- 121.340 ha.
	ii)	Overburden Dump	:- 7.301 ha
	iii)	Mine Road	:- 7.936 ha.
	iv)	Infrastructure (office, rest shelter, weigh bridge, workshop etc.)	:- 1.813 ha.
	v)	Ore Processing Site	:- 3.820 ha.
	vi)	Mineral Stack Yard	:- 9.290 ha.
		Sub-Total	:- 151.500 ha.
	vii)	Safety Zone	:- 5.478 ha.
		Grand Total	156.978 ha.

9.	Condition of vegetation and type of forest in the applied area.	<p>Boani Division: As per the site inspection report of the DFO, Bonai Division & as per my observation, the density of vegetation is 0.6 (Zero point Six) (Eco value class-I). The major species among flora available in the applied area in respect of Bonai Division are Sal (<i>Shorea robusta</i>), Sidha (<i>Lagerstroemia parviflora</i>), Kusum (<i>Schleichera oleosa</i>), Bara (<i>Ficus bengalensis</i>), Harida (<i>Terminalia chebula</i>), Bahada (<i>Terminalia belerica</i>), Char (<i>Buchanania lanjan</i>), Jamu (<i>Syzygium cumini</i>), Asan (<i>Terminalia tomentosa</i>), Kendu (<i>Diospyros melanoxylon</i>), Kumbhi (<i>Careya arborea</i>), Mango (<i>Mangifera indica</i>) etc.. Fauna such as Elephant, Wild boar, Hanuman langur, Indian Hare, Indian Palm Squirrel, Jungle Cat, Rat and different types of Snakes and Birds have been recorded from the applied area</p> <p>Keonjhar Division: As per the site inspection report of the DFO, Keonjhar Division & as per my observation, the density of vegetation is 0.6 (Zero point Six) (Eco value class-I) considering the proximity of Sarkunda and Nagaria PRF under Bonai Division which has maximum coverage under MDF category as per ORSAC supplied Forest block wise canopy density maps based on FSI, SFR 2019. As per tree enumeration list the floral species found viz <i>Gmelina arborea</i>, <i>Pterocarpus marsupium</i>, <i>Shorea robusta</i>, <i>Terminalia tomentosa</i>, <i>Syzygium cumini</i>, <i>Diospyros melanoxylon</i> & Misc Species are present in the applied forest land.</p>
10	Position of Wildlife	<p>Fauna such as Elephant, Wild boar, Hanuman langur, Indian Hare, Indian Palm Squirrel, Jungle Cat, Rat and different types of Snakes and Birds have been recorded from the applied area as reported by the DFO, Bonai Division.</p> <p>The applied area is dwelling habitat for Bear, Barking Dear, Hyena, Porcupine etc. The proposed site falls under Elephant Habitat Zone-2 as per the book titled "Remote Sensing Application for characterization of Elephant habitat and corridor in Odisha and parts of Bihar" published by ORSAC in September, 1999 as reported by the DFO, Keonjhar Division.</p>
11	Whether the applied area involves any Eco-Sensitive Zone / National Park / Sanctuary.	The applied area does not involve any Eco-Sensitive Zone / National Park / Sanctuary.
12	No. of trees to be felled and its impact on the eco-system.	<p>Bonai Division:</p> <p>The DFO, Bonai Division has reported that, enumeration has been conducted in 30 nos. of sample plots of 1.0 ha. each within 147.803 ha. of forest land (including 4.224 ha. of Safety Zone area) involved in Bonai Division. Trees which are above 30 cm girth have been enumerated in these sample plots and the total count from these sample plots comes to 6619 nos. By extrapolation of the above said data, total no. of trees (above 30 cm girth), over forest land</p>

		<p>proposed to be diverted (147.803 ha. X 220.63 nos. per ha.) has been calculated to 32,610 nos. (which includes 932 nos. of trees within Safety Zone area).</p> <p>The aforesaid enumerated number of trees are required to be felled from the project area (except safety zone area) thereby the project will have some impact on the ecosystem in the area.</p> <p>The species-wise, girth Class-wise along with grand abstract of the tree enumeration have been enclosed (Page-113-198/DP Bonai).</p> <p>Keonjhar Division:</p> <p>As reported by the DFO, Keonjhar Division, there are 3652 nos. Sound trees and 80 nos. of Un-Sound trees & 1717 Nos. of Poles under 30 cm girth standing on the forest land over 9.175 ha proposed for diversion in Keonjhar Division. Further, there are 360 nos. of Sound trees and 7 nos. of Un-Sound trees and 92 Nos. of Poles under 30 cm girth standing over 1.531 ha. of Non-forest land involved in the Project. The species wise and diameter class wise abstract of total enumerated trees required to be felled is enclosed as Annexure-XIX/DP Keonjhar Division.</p>
13	Details of broken up land and reclamation done if any.	As reported by the DFO, Bonai Division & Keonjhar Division, there is no broken up area.
14	Position of displacement of people and adequacy of rehabilitation, if any.	The project does not involve displacement of any human habitation and therefore the Re-settlement and Rehabilitation plan is not warranted.
15	Position of rare and endangered species available and importance of the applied area from archeological point of view.	No rare or endangered species is available in the applied area for diversion, but Elephant movement is often noticed in the said area. There is no archaeologically important monument situated in the area.
16	Non-Forest land used in the project and Non-Forest land selected for Compensatory Afforestation has been included in the D.L.C. report or not.	<p>The Non-Forest land over 1.531 ha. involved in the Project pertaining to Keonjhar Division is not included in the DLC report as reported by the DFO, Keonjhar Division.</p> <p>Further, an area of 147.803 ha. of Govt. non-forest land identified in village Deri under Banspal Tehsil, BJP Range of Keonjhar Forest Division of Keonjhar District for the purpose of Compensatory Afforestation. As reported by the DFO, Keonjhar the said land has not been included in the DLC report.</p>
17	Suitability of the identified non-forest land/ degraded Forestland for Compensatory afforestation.	The suitability certificate is enclosed in the Compensatory Afforestation Scheme.
18	Violation of Forest (Conservation) Act, 1980 if any and action taken thereon.	No violation has been reported under the Forest (Conservation) Act'1980.


 Regional Chief Conservator of Forests,
 Rourkela Circle