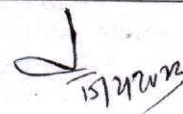


**SITE INSPECTION REPORT OF THE REGIONAL CHIEF CONSERVATOR
OF FORESTS, ROURKELA CIRCLE, ROURKELA**

1.	Name of the Project.	Proposal for diversion of 60.508 ha. of Reserved Forest land in Dholtapahar Iron Ore Block of M/s Kashvi Power & Steel Pvt. Ltd. under Bonai Division, Sundargarh District. Proposal No.FP/OR/MIN/150522/2021 (State Sl. No.OR-010/2022) dt.2.2.2022.
2.	Name of District/ Division.	Sundargarh/ Bonai Forest Division.
3.	Date of inspection.	11.02.2023
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.	<ol style="list-style-type: none"> 1. Sri Susanta Kumar Jena, ACF, Bonai Division 2. Sri Navin Ch. Pradhan, Range Officer, Barsuan Range. 3. Sri Kailash Kishan, Forester, Dengula Section. 4. Sri Niranjana Pradhan, Forest Guard Dengula Beat. <u>Representatives of the User Agency.</u> <ol style="list-style-type: none"> 1. Sri Tushar Kanta Bhuyan, General Manager, Liaison, M/s Kashvi Power & Steel Pvt. Ltd. 2. Sri D.N. Parida, Mines Agent, M/s Kashvi Power & Steel Pvt. Ltd.
6.	Legal Status of the Forest land with area Proposed for diversion	Reserved Forest – 60.508 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 mines road and mobile minerals processing unit.	: - 40.201 Ha
ii)	Waste dump with safeguard measures like retaining wall, garland drain and settling pond, check dam etc.	: - 7.265 Ha
iii)	Minerals stacking yard	: - 6.021 Ha
iv)	Road	: - 0.657 Ha
v)	Infrastructure (office, work shop, fuel station, parking plaza etc.)	: - 1.498 Ha
vi)	Crushing and screening area	: - 1.281 Ha
vii)	Magazine with Green belt (Magazine area-0.019 ha. + Green belt-1.231 = 1.250 ha.)	: - 1.250 Ha
viii)	Entry and exit within safety zone area	: - 0.004 Ha
	Sub-Total :-	58.177 Ha
ix)	Safety Zone around ML boundary	2.331 Ha
	Grand Total	60.508 Ha

9.	Condition of vegetation and type of forest in the applied area.	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 applied area is composed of Sal (<i>Shorea robusta</i>), Sidha (<i>Lagerstroemia parviflora</i>), Kangada (<i>Xylia xylocarpa</i>), Siali (<i>Bauhinia vahlii</i>), Teak (<i>Tectona grandis</i>), Shisu (<i>Dalbergia latifolia</i>), Amla (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 cuminii</i>), Asan (<i>Terminalia tomentosa</i>), Kendu (<i>Diospyros melanoxylon</i>), Mahul (<i>Madhuca indica</i>), Kumbhi(<i>Careya arborea</i>), Mango (<i>Mangifera indica</i>) etc. are major species among flora available in the applied area.
10	Position of Wildlife	Fauna such as Wild animals such as Elephant (<i>Elephas indicus</i>), Wild boar (<i>Sus scrofa</i>), Hanuman langur (<i>Presbytes entellus</i>), Rhesus macaque(<i>Macaca mulatta</i>) , Indian Hare (<i>Lepus nigricollis</i>), Indian Palm Squirrel (<i>Funambulus palmarum</i>), Jungle Cat (<i>Felis chaus</i>), Mongoose (<i>Herpestes edwardsii</i>), Porcupine (<i>Hystrix indica</i>), Jackal(<i>Canis aureus</i>), Hyaena (<i>Hyaena hyaena</i>) and different types of Snakes and Birds have been recorded from the applied area as reported by the DFO, Bonai Division.
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>The DFO, Bonai Division has reported that, enumeration has been conducted in 16 nos. of sample plots of 1.0 ha. each within 60.805 ha. of forest land (including 2.331 ha. of Safety Zone area). Trees which are above 30 cm girth have been enumerated in these sample plots and the total count comes to 7890 nos. within the forest area applied for diversion. By extrapolation of the above said data total no. of trees (above 30 cm girth) has been calculated and the data has been summarised as follows.</p> <p>Total No. of trees over forest land proposed to be diverted (60.508 ha. X 493.125 nos. per ha.) comes to 29838 nos. (which includes 1149 nos. of trees within Safety Zone area).</p> <p>The aforesaid Enumerated number of trees are required to be felled in the project area (except safety zone area) which implies that the project will have some impact on the ecosystem in the area.</p> <p>The tree enumeration list in forest area and species-wise, Class-wise grand abstract of tree enumeration is enclosed (Page-180-183/DP).</p>
13	Details of broken up land and reclamation done if any.	As reported by the DFO, Bonai Division there is no broken up area.

14	Position of displacement of people and adequacy of rehabilitation, if any.	As reported by the DFO, Bonai, there is no displacement of people due to the project. Hence, no rehabilitation plan has been insisted upon.
15	Position of rare and endangered species available and importance of the applied area from archeological point of view.	No rare and endangered species have been recorded from the applied area & there is no archaeologically important monument situated in the applied area as per the report of the DFO, Bonai Division. However, movement of elephants is found in the applied 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.	No Non-Forest land involved in the Project as reported by the DFO, Bonai Division. Further, an area of 58.757 ha. of Govt. non-forest land identified in village San-Sibnathpur under Gurundia Tehsil, Bonai Range of Bonai Forest Division of Sundargarh District for the purpose of Compensatory Afforestation. The said land has not been included in the DLC report as stated by the DFO, Bonai Division.
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.	As per report of the DFO, Bonai Division, no violation has been reported under the Forest (Conservation) Act'1980.


15/12/2023

Regional Chief Conservator of Forests,
Rourkela Circle