

SITE INSPECTION REPORT

1.	Name of the Project		:- Proposal for diversion of 60.508 ha. of Reserve 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 SI. No.OR-010/2022) dt.2.2.2022.	
2.	Name of the District / Division		:- Sundargarh District / Bonai Forest Division.	
3.	Date of Inspection		:- 30.01.2023	
4.	Name and designation of Inspecting Officer		:- Sri Sanath Kumar N, IFS, Divisional Forest Officer, Bonai Forest Division.	
5.	Name and Designation of other officers who attended the inspection including representative of User Agency.		:- 1. Sri Susanta Kumar Jena, ACF, Bonai Division. 2. Sri Kailash Kishan, Forester, Dengula Section. 3. Sri Niranjan Pradhan, Forest Guard Dengula Beat. 4. Sri Tushar Kanta Bhuyan, General Manager, Liaison, M/s Kashvi Power & Steel Pvt. Ltd. 5. Sri D.N. Parida, Mines Agent, M/s Kashvi Power & Steel Pvt. Ltd.	
6.	Legal Status of forest land with area proposed for diversion		:- Reserve Forest – 60.508 ha.	
7.	If area required for diversion has been demarcated on the ground		:- Yes.	
8.	Item-wise break-up of forest land proposed for diversion.			
	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 applied area		:- 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>), Saguan (<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 in general	:-	Fauna such as Elephant, Wild boar, Hanuman langur, Rhesus macaque, Indian Hare, Indian Palm Squirrel, Jungle Cat, Rat, Mongoose, Porcupine, Jackal, Hyaena and different types of Snakes and Birds got recorded from the applied area
11.	Whether the applied area is involved with any eco-sensitive zone / National Park / Sanctuary.	:-	The applied area is not involved with any eco-sensitive zone / National Park / Sanctuary. The distance of project site from the nearest Protected area (Badrama Wildlife Sanctuary) is 84.04 Kms. The project site is 20.36 Kms away from the nearest Elephant Corridor (Karo-Karampada).
12.	Number of trees to be felled and its impact on the eco-system	:-	Tree 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 got enumerated in these sample plots and the total count was 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. Total No. of trees over forest land proposed to be diverted (60.508 ha. X 493.125 nos. per ha.) is 29838 nos. (which includes 1149 nos. of trees within Safety Zone area). Enumerated number of trees required to be felled in the project area (except safety zone area) implies that the project has some impact on the ecosystem in the area. The trees enumeration list in forest area and species-wise, Class-wise grand abstract of tree enumeration have been enclosed (Page-180-183/DP).
13.	Details of broken-up area and reclamation done, if any. (Mining cases)	:-	There is no broken up area.
14.	Position of displacement of people and adequacy of rehabilitation, if any	:-	As reported by the User Agency, no displacement of people due to the project. Hence, no rehabilitation plan has been envisaged.
15.	Position of rare and endangered species available or importance of area from eco-social point of view.	:-	No rare and endangered species have been recorded from the applied area.
16.	Non-forest land used in the project, and non-forest land selected for Comp. Affn. is included in the D.L.C. report or not.	:-	No non-forest land involved in the Project. 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.
17.	Suitability of the identified non-forest land / degraded forest land for Comp. Affn.	:-	The suitability certificate of the Compensatory Afforestation area has been enclosed with the Diversion Proposal vide (Page-207/DP).
18.	Violation of F.C. Act., if any,	:-	No violation has been reported under the Forest (Conservation) Act'1980.

Divisional Forest Officer,
Bonai Division.