

SITE INSPECTION REPORT

1.	Name of the Project	:-	Diversion of 112.621 ha. of forest land in village Baldihi of Netrabandha Pahar Iron Ore Block by M/s Bhushan Power & Steel Ltd. under Bonai Forest Division in the District of Sundargarh. Proposal No.FP/OR/MIN/26965/2017 (St. Sl. No.OR-05/2018 dt.17.1.2018).	
2.	Name of the District / Division	:-	Sundargarh District / Bonai Division.	
3.	Date of Inspection	:-	01.04.2022	
4.	Name and designation of Inspecting Officer	:-	Sri Sanath Kumar N, IFS, Divisional Forest Officer, Bonai Division.	
5.	Name and Designation of other officers who attended the inspection including representative of User Agency.	:-	1. Miss Kajal Kumari Nayak, Range Officer, Koira Range. 2. Sri Dinapani Monihira, Forester, Ranisal Section. 3. Sri Galu Nayak, Forester. 4. Sri B.R.K. Padhi, Mining Operation Head.	
6.	Legal Status of forest land with area proposed for diversion	:-	PRF 48.346 Ha. Revenue Forest- 19.532 Ha. DLC - 44.743 Ha. Total :- 112.621 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 with Haul Road	:-	87.433 Ha.
	ii)	Dump	:-	9.607 Ha.
	iii)	Sub-Grade	:-	2.122 Ha.
	iv)	Storing of Ores	:-	1.835 Ha.
	v)	Top Soil	:-	0.500 Ha.
	vi)	Stacking of minerals	:-	5.839 Ha.
	vii)	Infrastructure	:-	0.130 Ha.
	viii)	Others	:-	3.347 Ha.
		Total :-	:-	110.813 Ha.
	ix)	Safety Zone around ML boundary	:-	1.808 Ha.
		G.TOTAL :-	:-	112.621 Ha.
9.	Condition of vegetation and type of forest in applied area	:-	The density of vegetation is 0.5 (Zero point five) (Eco value class-I). The applied area is composed of Sal (<i>Shorea robusta</i>), Teak (<i>Tectona grandis</i>), Kusum (<i>Schleichera oleosa</i>), Bahada (<i>Terminalia belerica</i>), Char (<i>Buchanania lanjan</i>), Jamu (<i>Syzygium cumini</i>), Asan (<i>Terminalia tomentosa</i>), Dhaura (<i>Anogeissus latifolia</i>), Kendu (<i>Diospyros melanoxylon</i>), Mahul (<i>Madhuca indica</i>), Karanja (<i>Pongamia pinnata</i>), Sidha (<i>Lagerstroemia parvifloa</i>), Kurum (<i>Adina cordifolia</i>), Mango (<i>Mangifera indica</i>) etc.	

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10.	Position of Wildlife in general	:-	Elephant, Hanuman Langur, Rhesus Macaque, Palm squirrel, Porcupine, Barking deer, Sloth bear, Jungle Cat, Mongoose, Hare, Fox, Indian Mole Rat etc. and different types of Snake and Birds have 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.
12.	Number of trees to be felled and its impact on the eco-system	:-	<p>Earlier, total tree enumeration was taken up over applied forest area of 112.621 ha. comes to 4038 nos. out of which 171 nos. of trees enumerated in Safety Zone area of 1.808 ha., which are above 30 cm girth. Further, total tree enumeration has also been taken up over the non-forest land over 26.602 ha. comes to 415 nos. of trees which are above 30 cm girth.</p> <p>However, during site inspection of the undersigned in the said project, it has noticed that the marking on the trees were not visible in case of most of enumerated trees to count the number of trees to be felled in the project. Accordingly, the Range Officer, Koira was directed vide this office Memo No.3199 dt.6.4.2022 to rectify the above said issue through proper methods.</p> <p>Accordingly, the Range Officer, Koira has conducted sample enumeration in 25 nos. of sample plots of 1.0 ha. each within 112.621 ha. of forest land (including 1.808 ha. of Safety Zone area). Trees which are above 30 cm girth got enumerated in these sample plots and the total count was 6891 nos. Also sample tree enumeration has carried out in two number of sample plots of 1.0 ha. each within 26.602 ha. of non-forest land and the total count of trees of above 30 cm girth was 283 nos.</p> <p>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 (112.621 ha. X 276 nos. per ha.) is 31,083 nos. (which includes 499 nos. of trees within Safety Zone area).</p> <p>Total No. of trees over non-forest land involved in the project = (26.602 ha. X 142 nos. per ha.) is 3,777 nos.</p> <p>Enumerated no. of trees required to felled in the project area implies that the project some impact on the ecosystem in the area.</p> <p>The trees enumeration list both forest & non-forest and species-wise, Class-wise grand abstract of tree enumeration have been enclosed (Page-234-432/DP).</p>

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	:-	The project does not involve displacement of people.
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. Importance of the area from eco-social point of view is negligible.
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.	:-	<p>The non-forest land over 26.602 ha. involved in the Project is not included in the DLC report.</p> <p>An area of 110.813 ha. of Govt. non-forest land has identified in village Jhurmur and Jaidega of Birmitrapur Tehsil of Sundargarh District of Rourkela Forest Division for the purpose of Compensatory Afforestation. The said land has not included in the DLC report.</p>
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-503-504/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.