

SITE INSPECTION REPORT

Annexure- **XV**

1.	Name of the Project.	Proposal for diversion of 0.744 ha forest land for laying of Pipeline for transportation of Iron Ore slurry from Kitabeda village under Barbil Tahasil of Keonjhar district to Integrated Steel Plant of M/s Jindal Steel & Power Ltd, Located at Nisha of Angul district in respect of M/s Jindal Steel & Power Ltd. Processing of Part Proposal for diversion of 0.744 ha Forest Land, out of the total forest land proposed for diversion over 2.062 ha, falling under the jurisdiction of Keonjhar Forest Division.
2.	Name of District/ Division.	Keonjhar/ Keonjhar Forest Division.
3.	Date of Inspection.	28.04.2017 & 16.05.2017
4.	Name and designation of Inspecting Officer.	Sri Rohita Kumar Lenka, I.F.S. Divisional Forest Officer, Keonjhar Division.
5.	Name and designation of the Officers who attended the Inspection including representative of user agency.	Sri Prasant Pattnayak Range Officer, BJP Range. Representative of the User Agency. Sri Anurag Tripathi, DGM – Slurry Pipeline Project M/s Jindal Steel & Power Ltd.
6.	Legal Status of the Forest land with area Proposed for diversion	The proposed forest diversion proposal involves- Thakurani RF - 0.100 ha. Baitarani RF - 0.187 ha. Naibaga RF - 0.073 ha. Taramakanta PRF - 0.024 ha. Revenue Forest - 0.274 ha. DLC Forest- 0.086 ha. Total forest land proposed for diversion- 0.744 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.

Sl. No.	Purpose of Utilization	Reserved Forest (R.F.) in ha	Proposed Reserved Forest (PRF) in ha	Revenue Forest in ha	DLC Forest in ha	Total Forest Land in ha	Total Non-forest land in ha	Grand Total in ha
1	Iron Ore Slurry Pipeline Project	0.36	0.024	0.274	0.086	0.744	9.352	10.096
Total		0.36	0.024	0.274	0.086	0.744	9.352	10.096

9.	Condition of Vegetation and type of forest in the applied area.	<p>The proposed site for laying of underground pipeline runs from Kitabeda of Barbil Tahasil to Taramakanta of Banspal Tahasil in Keonjhar district involves Thakurani RF, Baitarani RF, Naibaga RF, Taramakanta PRF, Revenue Forest and DLC forest. Thakurani and Baitarani RF are sub grouped under type 3C/C_{2e} Moist Peninsular Low Level Sal and Naibaga RF is sub grouped under type 5B/C₂ Northern Dry Mixed Deciduous Forest. The prevailing vegetation in the applied Revenue and DLC forest is sporadic and patchy with dominance of Sal and Sal associates. The Reserved Forests, involved in the project, are placed under Eco Value Class- I. The prevailing forest growth comprises the sal forests of Bhuyan & JuangPirh plateau and Joda-Barbil plateau region stretching along Chamakpur-Bonai border region extending over a large area. The main associates of sal are <i>Pterocarpus marsupium</i>, <i>Terminalia alata</i>, <i>Embllica officinalis</i>, <i>Bridelia retusa</i>, <i>Gmelina arborea</i>, <i>Cleistanthus collinus</i>, <i>Careya arboria</i>, <i>Diospyrus melanoxylon</i>, <i>Butea parviflora</i>, <i>Woodfordia fruticosa</i>, <i>Zyziphus spp.</i> The main climbers associated with sal in these areas are <i>Combretum decandrum</i>, <i>Butea superba</i>, <i>Bahunia vahlii</i>, <i>Smilax tetraphylla</i> etc. The important grass species are <i>Heteropogon contortus</i>, <i>Aplida mutica</i>, <i>Dicanthium carricosum</i>, <i>Cynodondactylon</i>, <i>Chrysopogon aciculatus</i> etc.</p> <p>The canopy density of the prevailing forest growth varies from 0.3 to 0.7 and is kept at 0.5.</p>
10	Position of Wildlife	<p>The applied Reserved Forests, Revenue Forest & DLC Forest is the dwelling habitat for bear, barking deer, hyena, porcupine and etc. The applied area does not form part of any National Park, Wildlife Sanctuary, Biosphere Reserve, Tiger Reserve, Elephant Corridor etc. Movement of wild elephants is often witnessed in the applied forest land and adjoining fringe area. The applied site falls under elephant habitat zone- 2 as mentioned by ORSAC, Bhubaneswar.</p>
11	Whether the applied area involves any Eco-Sensitive Zone / National Park / Sanctuary.	<p>The applied area does not involve any Eco-Sensitive Zone / National Park / Sanctuary.</p>
12	No. of trees to be felled and its impact on the eco-system.	<p>There are 70 nos. of trees (35 - sound trees and 35 - unsound trees) standing on the forest land proposed for diversion for laying of Iron Ore Slurry Pipeline for transportation of iron Ore in slurry form from Kitabeda village under Barbil Tahasil to Taramakanta village under Banspal Tahasil in Keonjhar Forest Division. The pipeline can be laid with minimum removal</p>

		of forest growth in the proposed corridor. However, the User Agency is required, to address the impact of the project on the forest growth and forest floor, to make good the land after use and make good any loss to forest/environment
13	Details of broken up land and reclamation done if any.	Not applicable
14	Position of displacement of people and adequacy of rehabilitation, if any.	Not applicable
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 diversion area, but elephant movement is often noticed in the forest blocks. There is no archaeologically important monument situated in the area.
16	Non-forest land selected for Compensatory afforestation has been included in the D.L.C. report or not.	Non-forest land, selected for Compensatory Afforestation, has not been included in the D.L.C. report as reported by DFO, Deogarh Division.
17	Suitability of the identified non-forest land/ degraded Forestland for Compensatory afforestation.	The Non-Forest Private land, identified in village Kurumula under Khamar Forest Range of Pallahara Tahasil, is suitable, as reported by DFO, Deogarh Division, for Compensatory Afforestation under Block plantation @ 1600 seedlings per ha.
18	Violation of Forest (Conservation) Act, 1980 if any and action taken thereon.	No violation is observed in the forest land, involved in the instant diversion proposal and proposed for diversion under FC Act, 1980, in respect of laying underground Iron Ore Slurry Pipeline by M/s Jindal Steel & Power Limited.


Divisional Forest Officer,
Keonjhar Division