

SITE INSPECTION REPORT

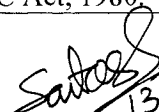
1.	Name of the Project.	Proposal for diversion of 17.836 ha forest land under Keonjhar Forest Division for Utility Corridor in respect of Khondbond Project M/s Tata Steel Ltd. in Keonjhar District, Odisha
2.	Name of District/ Division.	Keonjhar/ Keonjhar Forest Division.
3.	Date of Inspection.	18.03.2020
4.	Name and designation of Inspecting Officer.	Santosh Joshi, I.F.S. Divisional Forest Officer, Keonjhar Division.
5.	Name and designation of the Officers who attended the Inspection including representative of user agency.	1). Kashinath Hembram Range Officer, Champua Range. 2). Peon Naik, Forester, Joda Section 3). Pradeep Kumar Behera, Forest Guard, Joda Beat Representative of the User Agency. 1). Shirish Sekhar, Chief Khandbandh, M/s Tata Steel Ltd 2). Amit Kumar Dubey, Head Joda West Mn Mines, M/s Tata Steel Ltd 3). Arun Kumar Sahu, Sr. Manager, Mining, Khandbandh, M/s Tata Steel Ltd
6.	Legal Status of the Forest land with area Proposed for diversion	The proposed diversion proposal involves Reserve Forest & DLC Forest. The details of applied forest land is produced below- Reserve Forest = 14.551 ha DLC Forest = 3.285 ha Total = 17.836 ha Total forest land proposed for diversion- 17.836 ha
7.	If area required for diversion has been demarcated on the ground.	The forest land of 17.836 ha applied for diversion, for construction of Utility Corridor in respect of Khondbond Project M/s Tata Steel Ltd has been demarcated with RCC pillars with DGPS Coordinates mentioned in the pillars for the area 17.836 ha.

8. Item wise break up of forest land proposed for diversion.

Pattern of Utilization	Forest Land (Ha.)			Total Non-Forest land	Grand Total (Ha.)
	RF	DLC	Total		
Conveyor Corridor Pillar Base (123Nos. X 0.0009 ha. For each pillar)	0.0918	0.0189	0.1107	0	0.1107
Conveyor System	5.0082	1.1461	6.1543	0	6.1543
Inspection/Utility/Path/Road	2.4800	0.4770	2.9570	0	2.9570
Base Area of Towers (5mtr X 5mtr =0.0025 ha, each tower, 31 towers)	0.0650	0.0125	0.0775	0	0.0775
33KV power transmission line	1.4760	0.5175	1.9935	0	1.9935
Clearance between conductor and trees (3m each side)	1.5300	0.3180	1.8480	0	1.8480
Green Belt on either side of Corridor (7.5m each side)	3.9000	0.7950	4.6950	0	4.6950
Total	14.5510	3.2850	17.8360	0	17.8360

9.	Condition of Vegetation and type of forest in the applied area.	<p>The applied Forest land is partly coming within Baitarani Reserved Forest. The prevailing vegetation consists of Sal and its associates.</p> <p>As per tree enumeration list the floral species found viz <i>Pterocarpus marsupium</i>, <i>Adina cordifolia</i>, <i>Shorea robusta</i>, <i>Mangifera indica</i>, <i>Terminalia tomentosa</i>, <i>Syzygium cumini</i>, <i>Diospyros melanoxylon</i> & Misc Species are present in the applied forest land.</p> <p>Eco Value Class has been treated as "Eco Value Class - I" based on the forest type 3C/C2e(iii) Moist Peninsular Valley Sal and the canopy density has been considered based on prevailing forest growth with canopy density swinging from 0.3 to 0.5 and the average canopy density has been kept at 0.45</p>
10	Position of Wildlife	Baitarani Reserved Forest is the dwelling habitat for leopard, bear, barking deer, hyena, porcupine and etc. Wild elephants, often, visit Baitarani Reserved Forest and the adjoining Forest Blocks. 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.
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 but the area is rich in Mega fauna like Elephant.
12	No. of trees to be felled and its impact on the eco-system.	<p>There are 401 nos. Sound tree and 503 nos. Un-Sound tree standing on the forest land over 17.836 ha out of which 568nos. (241nos. Sound + 327 nos. Un-sound) trees required to be felled and 336 nos. (160nos. Sound + 176 nos. Un-sound) trees to be retained within green belt zone for construction of Utility Corridor in respect of Khondbond Project M/s Tata Steel Ltd. The species wise and diameter class wise abstract of total enumerated trees and trees required to be felled is enclosed as Annexure- 26.</p>
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.	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 regularly noticed in the said area. 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.	Not applicable
17	Suitability of the identified non-forest land/ degraded Forestland for Compensatory afforestation.	Non-forest Govt. land required for Compensatory Afforestation, for diversion of 17.836 ha of Forest Land under Sec 2(ii) under FC Act, 1980, will be met from the identified and allotted non-forest Govt. land over 17.836 ha in village Benidihi under Banspal Tahasil of Keonjhar District in favour of Utility Corridor of M/s Tata Steel Ltd vide letter No. 1668/Rev dt. 02.12.2019 of Collector, Keonjhar for raising Compensatory Afforestation at the prevailing wage rate @Rs. 298.00 per MD with a maintenance period of ten years under ANR model @400 seedlings/ha has been prepared. The copy of the allotment letter issued by Collector, Keonjhar is enclosed as

		<p>Annexure- 27 . Degraded forest land over 21.00 ha have been identified in Masinabilla RF under Ghatgaon Range to accommodate the balance seedlings for raising planttion at the prevailing wage rate @Rs. 298.00 per MD with a maintenance period of ten years under ANR model @800 seedlings/ha has been prepared. Compensatory Afforestation scheme, prepared by the Divisional Forest Officer, Keonjhar Division in respect of the aforementioned Non-forest land and degraded forest land is enclosed herewith as Annexure-28 & 29. The details of plantation site, area, plantation model & No. of seedlings accommodate is furnished hereunder.</p>
18	Violation of Forest (Conservation) Act, 1980 if any and action taken thereon.	No violation has been observed in respect of the forest land, involved in the instant diversion proposal, proposed for diversion under FC Act, 1980.


 13/4/20
 Divisional Forest Officer,
 Keonjhar Division