

## SITE INSPECTION REPORT

1.	Name of the Project.	Gandhamardan (Block-A) Iron Ore Mines of M/s Odisha Mining Corporation Ltd.
2.	Name of District/ Division.	Keonjhar/ Keonjhar Forest Division.
3.	Date of Inspection.	04.07.2015
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.	Shri Prasant Kumar Pattnaik Range Officer, BJP Range.  Representative of the User Agency. Mr. Abhiram Sahoo, Regional Manager M/s OMC Ltd Mr. Ambika Prasad Mahapatra, Mines Manager M/s OMC Ltd
6.	Legal Status of the Forest land with area Proposed for diversion	The proposed forest diversion proposal over 401.7824 ha involves 352.0807 ha virgin Gandhamardan PRF, 23.48 ha pre- 1980 broken up Gandhamardan PRF and 26.2217 ha Village Forest.  Gandhamardan PRF (virgin)- 352.0807 ha Gandhamardan PRF (pre- 1980 broken)- 23.480 ha Village Forest- 26.2217 ha  Total forest land proposed for diversion- 401.7824 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	Forest Area in ha (Virgin)		Forest Area in ha (Pre-80 Broken)		Total
		PRF	VF	PRF	V.F.	
1	Mining	306.2866	12.3715	19.51	-	338.1681
2	Dumping of overburden	3.5016	-	3.97	-	7.4716
3	Stacking of ore	0.4280	4.3597	-	-	4.7877
4	Sub-grade ore stacking	11.1385	-	-	-	11.1385
5	Processing and stacking	24.9305	3.9962	-	-	28.9267
6	Housing/Colony	-	-	-	-	-
7	Balance safety zone area for Magazine (3.0 MT capacity).	4.0091	-	-	-	4.0091
8	Prohibited and protected safety zone area	1.7864	5.4943	-	-	7.2807
Total		352.0807	26.2217	23.48	-	401.7824

9.	Condition of Vegetation and type of forest in the applied area.	Gandhamardan Proposed Reserve Forest comes under 3C/C <sub>2e</sub> (ii) moist peninsular low level Sal Forest type under Champion & Seth classification with density 0.3 to 0.4 and site quality- IV. The prevailing vegetation consists of Sal and its associates like <i>Pterocarpus marsupium</i> , <i>Terminalia alata</i> , <i>Emblia officinalis</i> , <i>Bridelia retusa</i> , <i>Gmelina arborea</i> , <i>Cleisanthus collinus</i> , <i>Diospiros melanoxylon</i> etc. The total nos. of trees based on sample enumeration comes to 87,591 trees and 2054 poles over 401.7824 ha. with
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		average of 228 tree per ha in respect of the virgin forest land. In addition, the total nos. of trees standing over the broken up forest land involved in instant proposal over 23.480 ha involves 1491 trees and 250 poles.
10.	Position of Wildlife	The area does not form part of any National Park / Sanctuary / Biosphere reserve. It does not come under any wild life corridor. No rare or endangered fauna is noticed in this area but however, movement of mega fauna like elephant is often noticed in the fringe area. The area comes under the elephant habitat zone- 2 of ORSAC, Bhubaneswar.
11.	Whether the applied area involves any Eco-Sensitive Zone / National Park / Sanctuary.	No
12.	No. of trees to be felled and its impact on the eco-system.	86,100 Nos. of trees and 1804 Nos. of poles (appx) is to be felled in the virgin forest land. In addition, 1491 trees and 250 poles is to be felled from broken up forest land. The probability of soil erosion is likely to increase following felling on the undulating topography of the applied area.
13.	Details of broken up land and reclamation done if any.	The details of broken up area is as follows. Pre-1980 broken – 64.7242 ha. Post-1980 broken – Nil Reclamation- 2.00 ha
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 available in the applied diversion area, but elephant movement is often noticed in fringe 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.	Non-forest Govt. land selected for Compensatory Afforestation during the subsisting lease period is not included in DLC report.
17.	Suitability of the identified non-forest land/ degraded Forestland for Compensatory afforestation.	Suitability certificate duly authenticated by Forest and Revenue authorities towards compensatory afforestation over 329.811 ha in Khamarpadar under Thuamulrampur Tahasil of Kalahandi district is attached as <b>Annexure-XXVII</b>
18.	Violation of Forest (Conservation) Act, 1980 if any and action taken thereon.	<p><b><u>Violation.</u></b></p> <ol style="list-style-type: none"> <li>Illegal dumping of ores on forest land (Gandhamardan PRF) extracted from adjoining lease Block- B in the lease hold area of Block- A of dimension 200 mt x 150 mt x 40 mt (approx.- 3.00 ha) at the common boundary with GPS location Latitude : N 21 ° 37' 04.5" Longitude : E 85 ° 30' 47.2"</li> <li>2 ha. of forest land (Gandhamardan PRF) has been illegally used for road in Block- A without approval in violation of the F.C. Act, 1980.</li> </ol> <p><b><u>Action taken.</u></b></p> <ol style="list-style-type: none"> <li>Show Cause notice has been issued to the Regional Manager, Gandhamardan Iron Ore Mines, M/s. OMC Ltd. vide letter No. 9513 dated 19.12.2011.</li> <li>OR case No. 23 of 2015-16 has been booked and action is being taken for sanction and submission of prosecution in the Hon'ble Court of SDJM, Keonjhar.</li> </ol>

		<p><b><u>Present status</u></b></p> <p>i. Removal of dump from the OB dump site in Block- A is under progress as per the direction of the Hon'ble Supreme Court of India vide their order dated 16.04.2012 (Copy enclosed) and subsequent direction of Steel and Mines Department, Govt. of Odisha (Copy enclosed).</p> <p>ii. The lessee has represented and submitted a proposal for use of the road under question which is under consideration at the level of MoEF&amp;CC, Govt. of India.</p>
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 Keonjhar Division  
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