

## SITE INSPECTION REPORT

1.	Name of the Project.	Khandbandh Iron Ore Mines of M/s OMC Ltd.
2.	Name of District/ Division.	Keonjhar/ Keonjhar Forest Division.
3.	Date of Inspection.	03.11.2017
4.	Name and designation of Inspecting Officer.	Sri 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.	Shri Ghanashyam Barik Dy. Range Officer, Champua Range.  Representative of the User Agency. Mr. Manoj Kumar Sethy, Mines Manager, Khandbandh Iron Ore Mines of M/s OMC Ltd
6.	Legal Status of the Forest land with area Proposed for diversion	Revenue Forest land : 97.2170 ha DLC Forest land : 209.9730 ha Non-Forest land recorded as forest as on 25.10.1980: 37.999 ha  <b>Total: 345.189 ha</b>
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 land in ha				
		Revenue Forest	Forest as per DLC	Non-forest land recorded as forest as on 25.10.1980 (Sabik forest)	Total	
I	Mining	93.598	183.504	29.8888	306.9908	
	Sub-grade dump	1.397	2.5030	0.865	4.765	
	Dumping of OB	0.0000	0.2590	-	0.259	
	Mineral storage	0.00	1.4950	2.5030	3.998	
	Infrastructure (Workshop, administrative building, site services, garage, etc.)	0.00	2.2990	2.977	5.276	
	Mines road	0.00	-	0.6432	0.6432	
	Magazine & its safety zone (228 m radius).	-	16.3380	-	16.3380	
	Safety zone area	7.5 m along ML boundary	2.2220	3.4720	1.076	6.7700
		10 m on either side of the road	0.00	0.1030	0.0460	0.1490
	<b>Total</b>	<b>97.2170</b>	<b>209.973</b>	<b>37.999</b>	<b>345.189</b>	
II	Tenanted land	-	-	-	-	
	<b>Grand Total</b>	<b>97.2170</b>	<b>209.973</b>	<b>37.999</b>	<b>345.189</b>	

\*7.318 ha of forest land for mining & 2.144 ha of forest land for sub-grade dump (Total: 9.462 ha) out of 16.338 ha earmarked for magazine & its safety zone area will be utilized at the conceptual stage.

9.	Condition of Vegetation and type of forest in the applied area.	<p>The forest land applied for diversion is situated in contiguous with Baitarani RF and has been depicted as “dense jungle mainly Sal” on concerned Topo sheet. Therefore, the condition of vegetation has been treated at par with the adjoining Baitarani Reserved Forest. The adjoining Reserved Forests come under the group 3C/C2e (iii) Moist Peninsular Valley Sal. The prevailing vegetation consists of Sal and its associates. The principal associates of Sal include <i>Terminalia alata</i>, <i>Lagerstroemia perviflora</i>, <i>Anogeissus latifolia</i>, <i>Terminalia belerica</i>, <i>Syzygium cumini</i>, <i>Mangifera indica</i>, <i>Schleichera oleosa</i>, <i>Adina cordifolia</i>, <i>Pterocarpus marsupium</i>, <i>Bombax ceiba</i>, <i>Bridelia retusa</i>, <i>Madhuca indica</i>. The middle story is represented by <i>Syzygium cumini</i>, <i>Ougeinia ougenensis</i>, <i>Careya arborea</i>, <i>Treama orientalis</i>, <i>Embllica officinalis</i>, <i>Cassia fistula</i> etc. The Shrubs and undergrowth are characterized by <i>Indigofera pulchella</i>, <i>Ardisias olenacea</i>, <i>Flemingia chhapar</i>, <i>Helicter esixora</i> and <i>Clerodendron viscosum</i> etc. The prevailing climbers include <i>Bauhinia vahlii</i>, <i>Combretum decandrum</i> and <i>Beutia parviflora</i>. The grasses over the forest floor include <i>Chrysopogonaciculatus</i>, <i>Imperatacylindrica</i>, <i>Dicanthiumcarricosum</i>, <i>Cynodondactylon</i> etc.</p> <p>Eco Value Class has been treated as “Eco Value Class - I” based on proximate location – Baitarani Reserved Forest and the canopy density has been considered at par with the adjoining vegetation of Baitarani RF. The canopy density is <b>0.5</b>.</p>
10.	Position of Wildlife	Movement of wild elephants is often witnessed in the applied forest land and adjoining RF. The applied site falls under elephant habitat zone- 2 as mentioned by ORSAC, Bhubaneswar.
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.
12.	No. of trees to be felled and its impact on the eco-system.	There are 8639 nos. of sound, 12843 Nos. of unsound trees in the virgin forest land over 216.094 ha and 2241 nos. of sound, 9530 Nos. of unsound trees in the broken up forest land over 129.095 ha enumerated over 345.189 ha forest land involved in the Mining Lease in the instant proposal. The probability of soil erosion is likely to increase following felling of the trees on the undulating topography of the applied area.
13.	Details of broken up land and reclamation done if any.	Broken up forest land-129.095 ha No reclamation has been done.
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.	Movement of wild elephants is often witnessed in the applied forest land and adjoining RF. There is no archaeologically important monument situated in the area.

