

## SITE INSPECTION REPORT

1.	Name of the Project.	Unchabali (Mahaparbat) Iron Ore Mines of M/s OMC Ltd.
2.	Name of District/ Division.	Keonjhar/ Keonjhar Forest Division.
3.	Date of Inspection.	03.12.2016
4.	Name and designation of Inspecting Officer.	Sri Rohit 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 Santosh Kumar Sethi Forester, Bamebari Section, Champua Range. Shri Peon Naik, Forester, Joda Section, Champua Range.  Representative of the User Agency. Sri Pradeep Kumar Patnaik, ASI, OMC, Unchabali Kesab Chandra Parida, Mining Mate, OMC, Unchabali
6.	Legal Status of the Forest land with area Proposed for diversion	Non-forest land recorded as Forest as on 25th October 1980 - <b>49.339 ha</b>  Non-forest land having forest growth considered as "treated forest" - <b>18.660 ha</b> Total area proposed for diversion - <b>68.00 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.	Pattern of Utilization	Broken up non-forest land recorded as forest as on 25.10.1980 (in ha)	Virgin non-forest land recorded as forest as on 25.10.1980 (in ha)	Total non-forest land recorded as forest as on 25.10.1980 (in ha)	Broken up non-forest land considered as treated forest (in ha)	Virgin non-forest land considered as treated forest in ha (in ha)	Total non-forest land considered as treated forest in ha (in ha)	Total Non-forest land (in ha)	Grand Total (in ha)
1	2	3	4	5	6	7	8	9	10
1	Mining	0.493	36.533	37.131 (Add 0.105 ha OB dump from row- 2 and column- 3)	1.002	6.821	7.823	0	44.954
2	Dumping of Over Burden	0.105	2.132	2.132 (Deduct 0.105 ha OB dump from row- 2 and column- 3)	0	0.034	0.034	0	2.166
3	Infrastructure for site services and weigh bridge	0	3.578	3.578	0.115	1.512	1.627	0	5.205
4	Minerals rejects	0	1.105	1.105	0	2.145	2.145	0	3.250
5	Road	0	0	0	0	0.110	0.11	0	0.110
6	Nala	0	0.479	0.479	0	0.596	0.596	0	1.075
	<b>Sub-Total</b>	<b>0.598</b>	<b>43.827</b>	<b>44.425</b>	<b>1.117</b>	<b>11.218</b>	<b>12.335</b>	<b>0</b>	<b>56.760</b>
7	Safety Zone	0.124	4.791	4.915	0.084	6.241	6.325	0	11.240
	<b>Total</b>	<b>0.722</b>	<b>48.618</b>	<b>49.340</b>	<b>1.201</b>	<b>17.459</b>	<b>18.660</b>	<b>0</b>	<b>68.00</b>

9.	Condition of Vegetation and type of forest in the applied area.	<p>The forest land applied for diversion is situated in proximity of adjoining Baitarani RF and 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>Treema orientalis</i>, <i>Embllica officinalis</i>, <i>Cassia fistula</i> etc. The shrubs and undergrowth are characterized by <i>Indigofera pulchella</i>, <i>Ardisia solenacea</i>, <i>Flemingia chhapar</i>, <i>Helicteres ixora</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>Chrysopogon aciculatus</i>, <i>Imperata cylindrica</i>, <i>Dicanthium carricosum</i>, <i>Cynodon dactylon</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 Baitarani Reserved Forest and kept at 0.5.</p>
10.	Position of Wildlife	The non-forest land recorded as forest as on 25.10.1980 and the treated forest, involved in the mining lease and situated adjacent to the Reserved Forest “Baitarani RF”, is the dwelling habitat for leopard, bear, barking deer, hyena, porcupine and etc. Occasional visit of wild elephants used to be 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.	1872 Nos. of trees and 4764 Nos. of poles is to be felled. 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 total broken up land, involved in the mining lease, is 1.923 ha. The said land was mined out treating the land as non-forest land. Provision for reclamation of mined out area has been duly placed in the approved mining scheme and progressive mines closure plan.
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 area for diversion but elephant movement is often noticed in adjoining forest blocks. There is no archaeologically important monument situated in the area.
16.	Non-forest land selected for	Non-forest land, selected for Compensatory

	Compensatory afforestation has been included in the D.L.C. report or not.	Afforestation, has not been included in the D.L.C. report.
17.	Suitability of the identified non-forest land/ degraded Forestland for Compensatory afforestation.	The Non-Forest Govt. land, identified in village Kerpai under Thuamual Rampur (North) forest range of Thuamual Rampur Tahasil, is suitable for Compensatory Afforestation under Block plantation @ 1600 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 Unchabali Iron Ore Mines of M/s OMC Ltd. It is mentioned that the total broken up land, involved in the mining lease, is 1.923 ha. The said land was mined out treating the land as non-forest land.

  
**Divisional Forest Officer,**  
**Keonjhar Division.**