

**SITE INSPECTION REPORT OF THE REGIONAL CHIEF
CONSERVATOR OF FORESTS, ROURKELA CIRCLE, ROURKELA**

1. Name of the Project :- Proposal for diversion of 68.00ha (49.339 ha of Non-forest land recorded as Forest as on 25th October 1980 and 18.660 ha of non-forest land having forest growth considered as "treated forest") in respect of Unchabali (Mahaparbat) Iron Ore Mines of M/s OMC Ltd including 11.240 ha forest land located in the safety zone in village Unchabali & Balda under Barbil Tahasil under the jurisdiction of Keonjhar Forest division in Keonjhar district, Odisha (**Proposal No. FP/OR/MIN/21011/2016 & State Sl. No.OR-075/2016 dtd.03.08.2016**)
2. Name of the District / Division :- Keonjhar District / Keonjhar Division.
3. Date of Inspection :- 08.12.2016
4. Name and designation of Inspecting Officer :- Sri Lingaraj Otta, IFS,
Regional Chief Conservator of Forests,
Rourkela Circle, Rourkela.
5. Name and Designation of other officers who attended the inspection including representative of User Agency. :-
 1. Sri Rohit Kumar Lenka, IFS,
Divisional Forest Officer, Keonjhar Forest Division
 2. Sri Bharat Kumar Ghadei, Range Officer,
Champua Range.
 3. Sri Sontosh Kumar Sethy, Forester, Bamebari
Section.
 4. Sri Laxmi Narayan Ghana, R.M, M/s OMC Ltd.
Barbil
 5. Bibhuti Bhusan Naik, Mines Manager, Unchabali
Iron Ore Mines of M/s OMC Ltd.
 6. Khirod Kumar Nayak, Surveyor, Unchabali Iron
Ore Mines of M/s OMC Ltd.
6. Legal Status of forest land with area proposed for diversion :- Non-forest land recorded as forest as on 25.10.1980

... 49.339 ha.

Non-forest land having forest growth considered as
treated forest ... 18.660 ha.

Total ... 68.00 ha.

7. If the area required for diversion has been demarcated on the ground :- Yes

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

The item-wise break-up of forest land proposed for diversion is as follows;

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
	Sub-Total	0.598	43.827	44.425	1.117	11.218	12.335	0	56.760
7	Safety Zone	0.124	4.791	4.915	0.084	6.241	6.325	0	11.240
	Total	0.722	48.618	49.340	1.201	17.459	18.660	0	68.00

9. Condition of vegetation and type of forest in applied area :-

The forest land applied for diversion is in proximity of Baitarani RF and the condition of vegetation has been treated at par with Baitarani Reserved Forest. Baitarani Reserved Forest comes under the group 3C/C2_c (iii) Moist Peninsular Valley Sal. The prevailing vegetation consists of Sal and its associates. The principal associates of Sal include *Terminalia alata*, *Lagerstroemia perviflora*, *Anogeissus latifolia*, *Terminalia belerica*, *Syzygium cumini*, *Mangifera indica*, *Schleichera oleosa*, *Adina cordifolia*,

Pterocarpus marsupium, *Bombax ceiba*, *Bridelia retusa*, *Madhuca indica*. The middle story is represented by *Syzygium cumini*, *Ougeinia ougenensis*, *Careya arborea*, *Treema orientalis*, *Embllica officinalis*, *Cassia fistula* etc. The shrubs and undergrowth are characterized by *Indigofera pulchella*, *Ardisia solenacea*, *Flemingia chhappar*, *Helicteres ixora* and *Clerodendron viscosum* etc. The prevailing climbers include *Bauhinia vahlii*, *Combretum decandrum* and *Beutia parviflora*. The grasses over the forest floor include *Chrysopogon aciculatus*, *Imperata cylindrica*, *Dicanthium carricosum*, *Cynodon dactylon* etc.

Eco Value Class has been treated as "Eco Value Class-I" based on proximate location of Baitarani Reserved Forest and the canopy density has been considered at par with Baitarani Reserved Forest and kept at 0.5 .

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| 10. Position of Wildlife in general | :- The non-forest land recorded as forest as on 25.10.1980 and the treated forest, involved in the mining lease and situated in proximity of Baitarani RF is the dwelling habitat for leopard, bear, barking deer, hyena, porcupine etc. . Occasional visit of wild elephants used to be noticed in the applied forest land. The applied site falls under elephant habitat Zone-2 as mentioned by ORSAC, Bhubaneswar. |
| 11. Whether the applied area is involved with any eco-sensitive zone / National Park / Sanctuary. | :- The applied area does not form part of any Eco-Sensitive Zone/National Park/ Sanctuary. |
| 12. Number of trees to be felled and its impact on the eco-system | :- 1872 Nos. of trees and 4764 Nos. of poles are 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 area and reclamation done, if any. (Mining cases) | :- 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 :- Not applicable.
of people and adequacy of
rehabilitation, if any
15. Position of rare and :- No rare or endangered species are available in the
endangered species applied area for diversion but elephant movement is
available or importance of often noticed in adjoining forest areas. There is no
area from archaeological archaeologically important monument situated in the
point of view. area.
16. Non-forest land used in :- As per certificate furnished in Annexure-B of the
the project, and non-forest Compensatory Afforestation Scheme, the non-forest
land selected for Comp. land selected for Compensatory Afforestation has not
Affn. is included in the been included in the DLC report.
D.L.C. report or not.
17. Suitability of the :- As per the Compensatory Afforestation Scheme
identified non-forest land / prepared by the DFO, Kalahandi South Division ,the
degraded forest land for non-forest Govt. land identified in village Kerapai of
Compensatory Thuamul Rampur Tahasil of Kalahandi District is
Afforestation. suitable for Compensatory Afforestation under Block
Plantation @1600/- seedlings per ha. .
18. Violation of F.C. Act., if :- No violation has been observed in the forest land,
any. 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.

21.11.17

Regional Chief Conservator of Forests,
Rourkela Circle.