

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

1. **Name of the Project** Proposal for diversion of 63.30 ha of Non-Forest Land recorded as Forest as on/after 25th October 1980, located within the Mining Lease hold area over 767.284 ha of Nuagaon Iron Ore Mines of Sri Kamaljeet Singh Ahluwalia, under the jurisdiction of Keonjhar Forest Division, in village Nuagaon, Guali and etc. under Barbil Tahasil of Keonjhar District, Odisha.  
**(Proposal No FP/OR/MIN/18827/2016, State Sl. No.OR-024/2016).**
2. **Name of the District/Division** Keonjhar District /Keonjhar Division.
3. **Date of Inspection** 24.07.2016
4. **Name and Designation of Inspecting Officer** Shri 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 Rohita Kumar Lenka, IFS,  
Divisional Forest Officer,  
Keonjhar Division.  
  
2.Sri Padmanava Rout,  
Range Officer, Barbil Range.  
  
**Representative of the User Agency.**  
  
3. Sri Ashok Kumar Bhuyan, G.M.(Mines)  
  
4.Sri Sahadat Mandal, Mines Manager.  
  
5. Sri Sanja Kishore Jena, DGM(Planning)
6. **Legal Status of Forest land with area proposed for diversion.** Non-Forest land recorded as Forest as on 25.10.1980- **63.30 ha.**
7. **If area required for diversion has been demarcated on the ground** Yes

8 **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)	Proposed Land use Change of Broken up non-forest land recorded as forest as on 25.10.1980	Utilisation pattern of total non-forest land recorded as forest as on 25.10.1980 (in ha)
1	2	3	4	5	6 (3+4+5)
1	Mining with inside Road	27.881 (inclusive of 0.55 ha reclaimed area)	3.439	2.280 (2.28 ha from Sub Grade ore Stacking yard)	<b>33.600</b>
2	Dumping	3.040 (inclusive of 1.800 ha reclaimed area)	4.510	0.79 (0.79 ha Sub Grade ore Stacking yard)	<b>8.340</b>
3	Sub Grade Ore Stacking Yard	14.227	3.933	<b>Minus</b> 3.070 (2.280 for Mining +0.79 for waste dump)	<b>15.090</b>
4	Mines Road	0.790	---	--	<b>0.790</b>
5	Office, Camp, Weigh Bridge and store room	0.880	---	---	<b>0.880</b>
6	Beneficiation Plant premises	3.100	---	-	<b>3.100</b>
7	Crusher Premises/ Ore Staking	1.500	---	-	<b>1.500</b>
	<b>Total</b>	<b>51.418</b>	<b>11.882</b>	<b>0</b>	<b>63.300</b>

9. **Condition of vegetation and Type of forest in applied area.**

The forest land applied for diversion is situated in close proximity of adjoining Sidhamath RF and has been depicted as "Open Mixed Jungle mainly Sal" on concerned Toposheet. Therefore, the condition of vegetation has been treated at par with the adjoining Sidhamatha 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 *Terminalia alata*,

*Lagerstroemia perviflora, Anogeissus latifolia, Terminalia belerica, Syzygium cumini, Mangifera indica, Schleicheria oleosa, Adina cordifolia, Pterocarpus marsupium, Bombax ceiba, Bridelia retusa, Madhuca indica.* The middle storey is represented by *Syzygium cumini, Ougeinia ougenensis, Careya arborea, Treama orientalis, Emblica 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.*

The canopy density of the prevailing forest growth in the adjoining Sidhamath Reserved Forest varies from 0.2 to 0.8. The canopy density of the forest crop in the Non-Forest land recorded as Forest as on 25.10.1980 proposed for diversion is taken as 0.3 .

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| 10. <b>Position of Wild life in general</b>   | The adjoining Reserved Forest is the dwelling habitat for leopard ( <i>Panthera pardus</i> ), bear ( <i>Melursus ursinus</i> ), barking deer ( <i>Muntiacus muntjack</i> ), hyena ( <i>Hyena hyena</i> ), porcupine ( <i>Hystrix indica</i> ) etc.. Occasional visit of wild elephants used to be witnessed in the adjoining R.F.. This falls under elephant habitat Zone- 2 as mentioned by ORSAC, Bhubaneswar. |
| 11. <b>Whether the applied area is involved with any Eco-Sensitive Zone/National Park/Sanctuary</b> | The applied area does not involve any Eco-Sensitive Zone/ National Park/Sanctuary.   |
| 12. <b>Number of trees to be felled and its impact on the system</b>                                | As per the report of the DFO, Keonjhar Division, there are 753 Nos. of sound trees, 475 Nos. of unsound trees and 708 nos. of poles below 30 cm girth enumerated inside the proposed diversion area of 63.30 ha. The species wise and diameter class wise abstract of enumerated trees is enclosed as <b>Annexure – XIX</b> . The felling of trees will induce soil erosion.                                     |
| 13. <b>Details of broken up area and reclamation done, if any (Mining cases)</b>                    | The total broken up forest land involved in the mining lease is 277.498 ha. . The proposed diversion proposal submitted over 63.30 ha. involves 51.418 ha. of broken up land.<br>Mined out pits over 3.438 ha. has been reclaimed and OB dump over 1.8 ha. has been stabilised. The submitted diversion proposal over 63.30 ha. non-   |

forest land recorded as forest as on 25.10.1980 , located in the mining lease, include 2.350 ha. of reclaimed area ( 1.80 ha. – stabilised OB dump and 0.55 ha. of reclaimed mining pits) out of aforesaid reclaimed area. In addition, the User Agency has furnished an undertaking vide Annexure No.XI to undertake concurrent reclamation of mined out pits through back filling followed by afforestation as per the approved Concurrent Reclamation Plan.

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| 14. <b>Position of displacement of people and adequacy of rehabilitation ,if any</b>  | Not applicable.  |
| 15. <b>Position of rare and endangered species available or importance of area from archeological point of view.</b>                        | No rare or endangered species is available in the applied area for diversion, but elephant movement is often noticed in the adjoining forest block. There is no archaeologically important monument situated in the area.  |
| 16. <b>Non-Forest land used in the Project and non-forest land selected for Comp. Afforestation , if included in the DLC report or not.</b> | Non-Forest land selected for Compensatory Afforestation has not been included in the D.L.C. report.  |
| 17. <b>Suitability of the identified non forest area for Compensatory Afforestation.</b>  | The Non-Forest Govt. land identified in village Phuljhar under BJP Forest Range of Banspal Tahasil is suitable for Compensatory Afforestation under ANR with gap model over 63.30 ha.  |
| 18. <b>Violation of FC Act, if any, and action taken thereon</b>  | <p><b><u>Violation committed in the mining lease and action taken thereof.</u></b></p> <p>As reported by the DFO, Keonjhar Division, the following violation has been committed in respect of the Mining Lease.</p> <ol style="list-style-type: none"> <li>1. Un-authorized extraction of mineral and subsequent dumping on the same site over 8.12 ha virgin forest land.</li> <li>2. Extension of broken up pit No. H &amp; I over 4.86 ha. in VF.</li> <li>3. Dislocation of all the broken up pillars in Block-J from their original position.</li> <li>4. Non-grouting of ML pillars with cement concrete.</li> <li>5. Seizure of 07 Nos. Sal log and 03 Nos. Siris log (0.6911 Cum) inside lease hold area (Bhuyan Barapada VF area) &amp;Tipper bearing regd. No. OR-09J-9305.</li> </ol> |

**Action taken by the DFO,Keonjhar Division:-**

Forest Offence case vide OR case No. 172BL of 2011-12 has been registered and prosecution sanctioned vide PR No. 02 of 2012-13 and submitted in the Hon'ble Court of JMFC, Barbil. The case is sub-judice.

**Violation committed in the Mining lease**

6. Illegal dumping of sub-grade iron ore in safety zone area within ML pillar No. 95 to 97 of dimension 593 mtr X 7.5 mtr in forest kissam land in village Barapada.
7. Breaking of Safety Zone from ML pillar No.106 to 110 over dimension 571 mtr x 36 mtr. x 15 mtr.

**Action taken by the DFO,Keonjhar Division:-**

Forest Offence case vide OR case No. 67BL & 68BL of 2012-13 has been registered and prosecution sanctioned vide PR No. 15 of 2012-13 and PR No. 16 of 2012-13 and submitted in the Hon'ble Court of JMFC, Barbil. The case is sub-judice.

**Observation of Hon'ble Shah Commission and Action taken thereof**

As per Hon'ble Shah Commission's report, the aforesaid mine finds place at serial No. 25 of Annexure-III A for having production without prior approval under F.C. Act, 1980.

**Illegal Production of Iron Ore in revenue forest during the following Period-**

1994-95---42810 MT  
1995-96---29699 MT  
1996-97---47901 MT  
1997-98---69596 MT  
1998-99---97474 MT  
1999-00---86032 MT  
2000-01---116702 MT

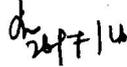
**Action taken by the DFO,Keonjhar Division:-**

The Collector, Keonjhar has been requested vide letter No. 5437 dated 12.08.2014 and No. 8039 dt.26.11.2014 to take legal action for illegal mining in revenue forest land without FC approval. Action taken report is awaited.

**Observation of the DFO,Keonjhar Division as regards Present Land Use vis-à-vis Approved Land Use Plan.**

The following deviation is observed in respect of land use in the mining lease in comparison with the approved land use plan:

1. Stacking of Sub-Grade ores to the tune of 63.628 ha diverted forest land as against the approved area for the said purpose over 19.698 ha.
2. The designated and approved area for ore stacking and dressing has been accompanied with a crusher even if that has not been specifically mentioned in the land use plan.
3. Extension of the established beneficiation plant to the tune of 0.90 ha in diverted village forest.

  
Regional Chief Conservator of Forests,  
Rourkela Circle,Rourkela.