

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

1.	Name of the Project	Dubna-Sakradih Iron & Manganese Ore Mines of M/s OMC Ltd. (Proposal No. FP/OR/MIN/30349/2017, State Sl. No. OR-069/2017 Dtd. 06.12.2017)
2.	Name of District/ Division	Keonjhar/ Keonjhar Forest Division.
3.	Date of Inspection	07.11.2018
4.	Name and designation of Inspecting Officer	Sri Lingaraj Otta, IFS, Regional Chief Conservator of Forests, Rourkela Circle.
5.	Name and designation of the Officers who attended the Inspection including representative of user agency	<p>1. Sri Santosh Joshi, IFS, Divisional Forest Officer, Keonjhar Division</p> <p>2. Sri Ghanashyam Barik Dy.Ranger, I/c Champua Range.</p> <p>3. Sri Jatindra Kumar Sahoo, Forester, Bamebari Section</p> <p>4. Sri Hrushikesh Patra, Forest Guard, Dubuna Beat</p> <p><u>Representatives of the User Agency.</u></p> <p>1. Sri Dilip Kumar Pattnaik, DGM(Geo) F&E, OMC Ltd.</p> <p>2. Sri Laxminarayan Ghana, Regional Manager, Barbil, OMC Ltd.</p> <p>3. Sri Hemanta Behera, Manager(Mining),Dubna, OMC Ltd.</p> <p>4. Sri Priya Ranjan Biswal, Surveyor, Dubna, OMC Ltd.</p> <p>5. Sri Satyananda Pradhan, Surveyor, Dubna, OMC Ltd.</p>
6.	Legal Status of the Forest land with area Proposed for diversion	<p>Reserved Forest :- 773.336 ha.</p> <p>Revenue Forest :- 28.992 ha.</p> <p>Forest as per DLC :- 402.743 ha.</p> <p>Non- forest land recorded as forest as on 25.10.1980 (Sabik Forest) :- 38.199 ha.</p> <p>Total Area :-1243.270 ha.</p>
7.	If area required for diversion has been demarcated on the ground.	Yes


8. Purpose wise break up of forest land proposed for diversion as per the Diversion Proposal.

Sl. No.	Pattern of Utilization	Forest area (In ha)					Non-Forest Area (ha)		Grand Total (ha)
		R.F.	Rev. Forest	Forest as per Sabik record.	Forest as per DLC	Total	Govt.	Private	
I	a) Mining	718.1819	21.1457	12.8616	272.9921	1025.1813	19.2689	1.0078	1045.458
	b) OB Dump	25.9233	0.7065	5.2735	46.5932	78.4965	-	0.0998	78.5963
	c) Mineral storage	19.4473	3.5135	13.0181	71.3127	107.2916	0.7358	-	108.0274
	d) Mineral processing	-	-	-	5.000	5.000	-	-	5.000
	e) Infrastructure	-	0.0961	0.7087	2.3144	3.1192	-	0.2113	3.3305
	f) Green belt	-	0.6976	0.6502	-	1.3478	-	-	1.3478
	g) Road	0.4783	-	0.9752	0.0594	1.5129	1.0784	1.0137	3.605
	Total	764.0308	26.1594	33.4873	398.2718	1221.9493	21.0831	2.3326	1245.365
II	Safety zone area	9.3052	2.8326	4.7117	4.4712	21.3207	3.4993	8.9027	33.7227
III	Land used for public purpose.	-	-	-	-	-	5.5786	47.3527	52.9313
Grand Total		773.336	28.992	38.199	402.743	1243.270	30.161	58.588	1332.019

9.	Condition of vegetation and type of forest in the applied area.	<p>Major portion of the forest area applied for diversion is situated in Pedipokhari RF and Naibaga RF. The reserved forest comes under the group 5B/C2 Northern dry mixed deciduous forest. The prevailing vegetation includes <i>Shorea robusta</i>, <i>Terminalia alata</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 storey is represented by <i>Syzygium cumini</i>, <i>Ougeinia oogenensis</i>, <i>Careya arborea</i>, <i>Trema orientalis</i>, <i>Emblica officinalis</i>, <i>Cassia fistula</i> etc. The shrubs and undergrowth are characterized by <i>Indigofera pulchella</i>, <i>Ardisia solenaceae</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 of the applied forest has been taken as "Eco Value Class - III" based on Eco Value Class of the prevailing vegetation in Pedipokhari and Naibaga Reserved Forest falling within the leasehold area. The canopy density of the applied area varies from 0.3 to 0.7 and the average canopy density is taken as 0.5.</p>
----	---	--

10	Position of Wildlife	The wildlife commonly seen in the area include Barking deer, Wild Pig, Sloth Bear, Indian Hare & Peacock etc. Movement of wild elephants is also noticed in the applied area and adjoining forest areas. 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.	The DFO, Keonjhar Division has reported that, as per sample enumeration and extrapolation, there are 157761 nos. of sound, 86571 Nos. of unsound trees in the virgin forest land over 984.671 ha and 22481 nos. of sound, 20569 Nos. of unsound trees in the broken up forest land over 258.599 ha. Felling of the trees from the forest area will induce soil erosion.
13	Details of broken up land and reclamation done if any	Broken up forest land-258.599 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	As reported by the DFO, Keonjhar Division, no rare or endangered species are available in the applied area, but movement of wild elephants is often noticed in the applied area and adjoining forest areas. There is no archaeologically important monument situated in the area as per the report of the DFO, Keonjhar Division.
16	Non-forest land selected for Compensatory Afforestation has been included in the D.L.C. report or not.	As per the certificate furnished in the map by the DFO, Kalahandi South Division, the non-forest land selected for Compensatory Afforestation has not been included in the D.L.C. report.
17	Suitability of the identified non-forest land/ degraded Forest land for Compensatory Afforestation.	Necessary suitability certificate has been furnished by the DFO, Kalahandi South Division in respect of the Non-Forest land identified for Compensatory Afforestation.

18	Violation of Forest (Conservation) Act, 1980 if any and action taken thereon.	<p>I. As per first report of illegal mining of Iron and Manganese Ores in the state of Odisha of Justice M.B. Shah Commission of Inquiry, Dubna-Sakradihi Iron & Mn Mines of M/s OMC Ltd finds place at Sl. No. 12 of Annexure-IVA (i.e. Details of the mining leases having production without obtaining approval under FC Act, 1980 at all during subsisting lease period and deemed extension period but leases were allowed to operate illegally) and from the said mines there was illegal production of 1667818 tonnes of Iron Ore for the period from 1994-95 to 2006-07 without obtaining approval under FC Act, 1980.</p> <p>Action taken - As reported by the DFO, Keonjhar Division, OR case No. 161CH of 2014-15 has been booked against the erring officials for illegal production. The case record has been submitted in the Court of JMFC, Barbil vide PR No. 28 of 2014-15 dated 12.02.2015. The case is sub-judice.</p> <p>II. As per the information provided by the DFO, Keonjhar Division, the Tahasildar, Jhumpura & Tahasildar, Badbil vide their Letter No. 1973 dated 28.07.2018 and Letter No. 3755 dated 16.08.2018 respectively addressed to the DFO, Keonjhar Division have intimated regarding details of encroachment within the Mining Lease area of Dubna-Sakradihi Iron & Mn Ore Mines. From the said information, it is seen that 2.45 Acres of forest land (Revenue Forest, DLC Forest & Sabik Forest) within Mining Lease have been encroached by different encroachers.</p> <p>III. Further, during Site inspection on 07.11.2018, it was observed that, an area of about 0.830 ha (0.663 ha of Sabik forest & 0.167 ha of Non-forest Land) of the mining lease near M.L boundary from E-7 to E-9 has been cleared and used for transportation of minerals from adjoining mining leases, public transportation & parking of vehicles.</p>
----	---	--


 Regional Chief Conservator of Forests,
Rourkela Circle