

REVISED SITE INSPECTION REPORT

1.	Name of the Project.	Banspani Iron Mines of M/s OMC Ltd.
2.	Name of District/ Division.	Keonjhar/ Keonjhar Forest Division.
3.	Date of Inspection.	26.03.2018 & 13.07.2018
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, Banspani Iron Mines of M/s OMC Ltd
6.	Legal Status of the Forest land with area Proposed for diversion	Reserve Forest: 126.22 ha Revenue Forest: 10.344 ha DLC Forest: 44.149 ha Sabik Kissam Forest: 2.505 ha Total- 183.218 ha
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 Utilisation	Forest Area (in ha)					Non forest Area (in ha.)			Grand Total (in ha)
		R.F.	Rev. Forest	Sabik Kissam Forest	DLC Forest	Total	Govt. Land	Private Land	Total	
I	a) Mining	98.5251	3.7672	0.6640	25.9058	128.8621	0.4421	0.7280	1.1701	130.0322
	b) Overburden Dump	0.0091	1.5808	-	13.1506	14.7405	-	-	-	14.7405
	c) Subgrade stack yard	12.0520	0.3646	-	0.5035	12.9201	-	-	-	12.9201
	d) Mineral storage & processing	8.4593	2.3861	0.3490	1.7291	12.9235	0.1840	-	0.1840	13.1075
	e) Infrastructure	-	-	-	-	-	5.3833	-	5.3833	5.3833
	f) Green belt	-	0.0749	0.5850	-	0.6599	-	-	-	0.6599
	e) Road	-	0.0619	-	-	0.0619	4.3327	-	4.3327	4.3946
II	Safety zone	7.1745	2.1085	0.9070	2.8600	13.0500	5.1354	39.9516	45.0870	58.1370
TOTAL		126.2200	10.3440	2.5050	44.1490	183.2180	15.4775	40.6796	56.1571	239.3751

9.	Condition of Vegetation and type of forest in the applied area.	Major portion of the forest area applied for diversion is situated in Baitarani RF. The Reserved Forest comes under the group 3C/C2e(iii) Moist Peninsular Valley Sal. The prevailing vegetation of the applied area 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> ,
----	---	--

23/10/18

		<p><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 ougenensis</i>, <i>Careya arborea</i>, <i>Treema orientalis</i>, <i>Emblica officinalis</i>, <i>Cassia fistula</i> etc. The shrubs and undergrowth are characterized by <i>Indigofera pulchella</i>, <i>Ardisia solenacea</i>, <i>Flemingia chhappar</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 of the applied forest has been taken as "Eco Value Class - I" based on the Eco Value Class of Baitarani Reserved Forest falling within the lease area. The canopy density of the applied area varies from 0.2 to 0.8 and the average canopy density is taken as 0.5.</p>
10.	Position of Wildlife	No rare or endangered species available in the applied diversion area, but 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.	As per sample enumeration and extrapolation, there are 14760 nos. of sound, 36294 Nos. of unsound trees in the virgin forest land over 137.226 ha and 349 nos. of sound, 1291 Nos. of unsound trees in the broken up forest land over 45.992 ha enumerated over 183.218 ha forest land involved in the Mining Lease in the instant proposal. 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.	Broken up forest land-45.992 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.	No rare or endangered species is available in the applied area for diversion, but 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.
16.	Non-forest land selected for Compensatory afforestation has been included in the D.L.C. report or not.	Non-forest land selected for Compensatory Afforestation, as per the report of DFO, Kalahandi (S) Division 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 Kathkura under Thuamul Rampur Tahasil of Kalahandi (S) Division in Kalahandi District is suitable, as certified by DFO, Kalahandi (S), for Compensatory afforestation under AR model @1600 plants/ha for 128.762 ha and @600 plant/ ha for 6.218 ha in total 134.98 ha.
18.	Violation of Forest (Conservation) Act, 1980 if any and action taken thereon.	<p><u>Violation</u></p> <p>As per the observation of the Hon'ble Justice M. B. Shah Commission, production figure mentioned, in the Annexure- IV- A of the 1st report on illegal mining of Iron and Manganese Mines in the State of Odisha, illegal production of 148242 tonnes Iron ore from 2002-03 to 2004-05 without obtaining approval under FC Act, 1980.</p> <p><u>Action taken</u></p> <p>For the illegal production of mineral, OR case No. 164CH of 2014-15 has been booked. Prosecution sanctioned and submitted in the Court of JMFC, Barbil vide PR No. 31 of 2014-15 dated 12.02.2015. The case is sub-judice.</p>


 23/10/18
Divisional Forest Officer,
Keonjhar Division