

SITE INSPECTION REPORT

1.	Name of the Project.	Forest diversion proposal of 22.671 ha of forest land applied for establishment of proposed Grinding, De-sliming (Beneficiation) plant and slurry pumping station along with associate facilities at village Gobardhanpur to produce 30 MTPA Iron Ore Concentrate and Water Intake System at village Kandra under Barbil Tahasil in District Keonjhar in respect of M/s JSW Utkal Steel Ltd.									
2.	Name of District/ Division.	Keonjhar/ Keonjhar Forest Division.									
3.	Date of Inspection.	12.3.2019 & 24.06.2019									
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.	Sri P. N. Rout Range Officer, Barbil Range. Representative of the User Agency. Sri Prasanta Kumar Prusty, AGM Sri Baswaraj Dalgade, AGM M/s JSW Utkal Steel Ltd.									
6.	Legal Status of the Forest land with area Proposed for diversion	<p>The proposed forest diversion proposal involves-</p> <table> <tr> <td>1</td><td>Revenue Forest</td><td>1.045 ha</td></tr> <tr> <td>2</td><td>Non forest land recorded as Forest as on 25.10.1980</td><td>21.626 ha</td></tr> <tr> <td></td><td>Total Forest land</td><td>22.671 ha</td></tr> </table>	1	Revenue Forest	1.045 ha	2	Non forest land recorded as Forest as on 25.10.1980	21.626 ha		Total Forest land	22.671 ha
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2	Non forest land recorded as Forest as on 25.10.1980	21.626 ha									
	Total Forest land	22.671 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.	Purpose of Utilization	Revenue Forest in ha	Sabik Forest (in ha)	Total Forest Land in ha	Total Non-forest land in ha	Grand Total in ha
1	Admin Building, Store with yard, Ambulance Room, First Aid Center Canteen, Security Barack, Check Post Gate Room/ Time Office,	0.000	0.225	0.225	0.861	1.086
2	Grinding with Desliming Unit, Grinding Unit, Concentrate Thickeners, Over Flow Tanks, Slurry Holding Tanks, Pumphouse for Slurry Transpotation, Chemicals Dosing Unit,	0.000	1.580	1.580	10.600	12.180
3	Ore Stock pile area, Stacker Reclaimers, Conveyors, Crushing & Screening area, RMHS with associated facilities	0.305	1.153	1.458	18.917	20.375
4	Emergency Dump pond	0.000	0.000	0.000	0.640	0.640
5	MRSS, LBDS, DG, Electricals Installations, Car parking, Plant office, Chemical & quality control Centre	0.000	0.500	0.500	2.320	2.820
6	Intake Well, Intake Chamber, Flash	0.000	0.022	0.022	0.133	0.155

	Mixture, Clariflocutor					
7	Sub Station & DG, Control Room with Office	0.000	0.059	0.059	0.560	0.619
8	Operator Room, Security room & Maintenance Room	0.000	0.280	0.280	0.000	0.280
9	Pump house & Delivery Pipe System	0.000	0.076	0.076	0.068	0.144
10	Truck Unloading Area, Weigh Bridges, Ground Hoppers Area, Intermediate Slime Storage, Conveyors, RMHS with associated facilities, Electrical Installations	0.000	10.245	10.245	0.000	10.245
11	Water Reservoir	0.000	0.095	0.095	4.240	4.335
12	Work shop & Assembly points, LBDS	0.000	0.000	0.000	0.780	0.780
13	Security office & Security barrack	0.000	0.020	0.020	0.126	0.146
14	Roads & Drains	0.000	0.069	0.069	0.064	0.133
15	Green belt areas (33%)	0.740	7.302	8.042	18.525	26.567
	Total	1.045	21.626	22.671	57.834	80.505

9.	Condition of Vegetation and type of forest in the applied area.	<p>The proposed diversion of Forest land is required for establishment of Grinding, De-sliming (Beneficiation) plant and slurry pumping station along with associate facilities to produce 30 MTPA Iron Ore Concentrate at village Gobardhanpur and Water Intake System at village Kandra under Barbil Tahasil in Keonjhar District in respect of M/s JSW Utkal Steel Ltd. The prevailing vegetation in the forest land proposed for diversion includes <i>Tectona grandis</i>, <i>Shorea robusta</i>, <i>Mangifera indica</i>, <i>Syzygium cumini</i>, <i>Diospyros melanoxylon</i>, <i>Terminalia tomentosa</i> & <i>Misc Species</i>.</p> <p>Since majority of forest land proposed for diversion in the instant case situated near the Thakurani RF, the Eco value class is considered at par with that of Thakurani RF which is Eco value Class-I (Northern Tropical Moist Deciduous Forest-3C). The canopy density of the forest land proposed for diversion is taken as 0.2.</p>
10	Position of Wildlife	<p>The area falls under Elephant habitat zone-2 as per ORSA study report titled as "Remote sensing application for characterisation of elephant habitats and corridors in Orissa and part of Bihar" published in September, 1999. The wildlife present in and around the forest land proposed to be utilized for Grinding, De-sliming (Beneficiation) plant and slurry pumping station along with associate facilities to produce 30 MTPA Iron Ore Concentrate at village Gobardhanpur and Water Intake System at village Kandra under Barbil Tahasil are Barking deer, Jackal, Hyena, Mongoose, Cuckoo, Owl, Golden-backed Woodpecker, Cobra, Monitor etc. Movement of wild Elephants is often noticed in the proposed area</p>
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.	There are 396 nos. sound and 9 nos. of un-sound trees are standing in the proposed Grinding, De-sliming (Beneficiation) plant and slurry pumping station along with associate facilities to produce 30 MTPA Iron Ore

		Concentrate at village Gobardhanpur and Water Intake System at village Kandra under Barbil Tahasil in respect of M/s JSW Utkal Steel Ltd over 22.671 ha forest land. There are 353 nos. sound and 10 nos. of un-sound trees are standing over 57.834 ha in non-forest land .The species wise and diameter class wise abstract of trees enumerated is enclosed as Annexure- 16.
13	Details of broken up land and reclamation done if any.	Not applicable
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 diversion area, but elephant movement is often noticed in the forest blocks. 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 Govt. land selected for Compensatory Afforestation in lieu of the forest land proposed to be diverted is not included in DLC report / section- 4(i) of OFA, 1972.
17	Suitability of the identified non-forest land/ degraded Forestland for Compensatory afforestation.	The identified non-forest land is suitable for Compensatory Afforestation.
18	Violation of Forest (Conservation) Act, 1980 if any and action taken thereon.	No work in violation of FC Act, 1980 is carried out in the forest land proposed for diversion by the project proponent.


17/1/19
Divisional Forest Officer,
Keonjhar Division