

PART-II

(To be filled by the concerned Deputy Conservator of Forests)

7. Location of the Project/Scheme.

(i) State/Union Territory.	Odisha.																																																													
(ii) District.	Keonjhar.																																																													
(iii) Forest Division.	Keonjhar Forest Division.																																																													
(iv) Area of Forest land proposed for diversion (in ha.)	<p>The area of the forest land proposed for diversion is 22.671 ha. The detailed pattern of utilization in respect of applied forest land is produced hereunder</p> <table> <tr> <th>Sl. No.</th><th>Purpose of Utilization</th><th>Revenue Forest in ha</th><th>Sabik Forest (in ha)</th><th>Total Forest Land in ha</th><th>Total Non-forest land in ha</th><th>Grand Total in ha</th></tr> <tr> <td>1</td><td>Admin Building, Store with yard, Ambulance Room, First Aid Center Canteen, Security Barack, Check Post Gate Room/ Time Office,</td><td>0.000</td><td>0.225</td><td>0.225</td><td>0.861</td><td>1.086</td></tr> <tr> <td>2</td><td>Grinding with Desliming Unit, Grinding Unit, Concentrate Thickeners, Over Flow Tanks, Slurry Holding Tanks, Pumphouse for Slurry Transpotation, Chemicals Dosing Unit,</td><td>0.000</td><td>1.580</td><td>1.580</td><td>10.600</td><td>12.180</td></tr> <tr> <td>3</td><td>Ore Stock pile area, Stacker Reclaimers, Conveyors, Crushing & Screening area, RMHS with associated facilities</td><td>0.305</td><td>1.153</td><td>1.458</td><td>18.917</td><td>20.375</td></tr> <tr> <td>4</td><td>Emergency Dump pond</td><td>0.000</td><td>0.000</td><td>0.000</td><td>0.640</td><td>0.640</td></tr> <tr> <td>5</td><td>MRSS, LBDS, DG ,Electricals Installations, Car parking, Plant office, Chemical & quality control Centre</td><td>0.000</td><td>0.500</td><td>0.500</td><td>2.320</td><td>2.820</td></tr> <tr> <td>6</td><td>Intake Well, Intake Chamber, Flash Mixture, Clariflocutor</td><td>0.000</td><td>0.022</td><td>0.022</td><td>0.133</td><td>0.155</td></tr> <tr> <td>7</td><td>Sub Station & DG, Control Room with Office</td><td>0.000</td><td>0.059</td><td>0.059</td><td>0.560</td><td>0.619</td></tr> </table>						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 Mixture, Clariflocutor	0.000	0.022	0.022	0.133	0.155	7	Sub Station & DG, Control Room with Office	0.000	0.059	0.059	0.560	0.619
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	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 Resorvior	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
(v) Legal status of Forest.		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		
(vi) Density of vegetation.	<p>The proposed diversion of 22.671 ha 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 is 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> <p>The area falls under Elephant habitat zone-2 as per ORSAC 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>						
(vii) Species wise (Scientific names) and diameter class wise enumeration of	Species wise and diameter class wise abstract of trees enumerated in respect of applied forest land is enclosed as Annexure -16 .						

<p>trees in unbroken/broken area.</p>	
<p>(viii) Brief note on vulnerability of the forest area to erosion</p>	<p>The area applied for diversion is plain and edged by sloppy hillock on northern fringe which is prone to soil erosion. Therefore, there should be a proper plan/design to arrest the soil particles within the project area. The User Agency may be insisted upon to plan and implement this activity at project cost.</p>
<p>(ix) Approximate distance of the proposed site for diversion from boundary of forest.</p>	<p>Approximate distance of the proposed site for diversion from boundary of forest is appx. 1.5 Km from Thakurani Reserved Forest.</p>
<p>(x) Whether forms part of National Park, Wild Life Sanctuary, Biosphere Reserve, Tiger Reserve, Elephant Corridor etc. (If so, the details of the area and comments of the Chief Wild Life Warden to be annexed.</p>	<p>The applied area does not form part of any National Park, Wildlife Sanctuary, Biosphere Reserve, Tiger Reserve, Elephant Corridor etc. However, movement of wild elephants in the proposed forest blocks is often witnessed.</p>
<p>(xi) Whether any rare/endangered/unique species of Flora and Fauna found in the area if so, details there of</p>	<p>No rare or endangered species is available in the applied area for diversion, but elephant movement is often noticed.</p>
<p>(xii) Whether any protected Archeological/heritage site/ defence establishment or any other important Monument is located in the area. If so, details thereof with NOC from competent Authority, if required.</p>	<p>No archeological/heritage site/ defence establishment or any other important Monument is located in the area applied for diversion.</p>
<p>8. Whether the requirement of forest land as proposed by the User Agency in column 2 of Part I is un-avoidable and barest minimum for the project. If no, recommended area item wise with details of alternatives examined.</p>	<p>The proposed site is the barest minimum and un-avoidable.</p>

9. Whether any work in violation of the Act has been carried out (Yes/No). If yes, details of the same including period of work done, action taken on erring officials. Whether work in violation is still in progress.	No work in violation of FC Act, 1980 is carried out in the forest land proposed for diversion by the project proponent.
10. Details of compensatory afforestation scheme: (i) Details of non-forest area/degraded forest area identified for compensatory afforestation, its distance from adjoining forest, number of patches, size of each patch.	Non-forest Govt. land required for Compensatory Afforestation for diversion of 22.671 ha of Forest Land under Sec 2(ii) under FC Act, 1980, will be met from the identified and allotted non-forest Govt. land over 22.80 ha in village Podadihi under Banspal Tahasil of Keonjhar District in favour of M/s JSW Utkal Steel Ltd vide letter No. 2105/Rev dt. 20.12.2018 of Collector, Keonjhar for raising Compensatory Afforestation at the prevailing wage rate @Rs. 286.30 per MD with a maintenance period of ten years under Bald Hill Plantation norms @1600/ ha approved by PCCF, Odisha.(Annexure- 13 letter No. 25281 dated 18.12.2018 over 10.00 ha and remaining 1.00 ha of the same patch which is having slope gradient more than 40 ⁰ is suitable for ANR without gap model, The plantation norm approved by PC, Odisha.(Annexure- 8 letter No. 25281 dated 18.12.2018) in patch-1 and ANR with gap model norms @600/ ha approved by PCCF, Odisha.(Annexure- 11 letter No. 25281 dated 18.12.2018) over 11.80 ha in patch-2 has been prepared. The copy of the allotment letter issued by Collector, Keonjhar is enclosed as Annexure-17A . Compensatory Afforestation scheme, prepared by the Divisional Forest Officer, Keonjhar in respect of the aforementioned Non-forest land is enclosed herewith as Annexure- 19 .
(ii) Map showing non-forest/degraded forest area identified for compensatory afforestation and adjoining forest boundaries.	Annexed in the DRP as Plate No. XVII .
(iii) Detailed compensatory afforestation scheme including species to be planted, implementing agency, time schedule, cost structure, etc.	Enclosed as Annexure- 19 .
(iv) Total financial outlay for compensatory afforestation scheme.	Rs. 1,14,52,000/-
(v) Certificates from competent authority regarding suitability of area identified for compensatory afforestation and from management point of view. (To be signed by the concerned Deputy Conservator of Forests).	Enclosed as Annexure- 24 .
11. Site Inspection report of the DCF (to be enclosed) especially highlighting facts asked in column 7 (xi,xii) 8 and 9 above.	Site Inspection report of the DCF is enclosed vide Annexure- 22 .

12. Division/District Profile.	
(i) Geographical area of the district.	830300.000 ha
(ii) Forest area of the district.	336615.6293 ha
(iii) Total Forest area diverted since 1980 with numbers.	11497.0126 ha (78 Nos.)
(iv) Total compensatory afforestation stipulated in the District/Division since 1980 on (a) Forest land including Penal compensatory afforestation. (b) Non-forest land.	C.A. 1669.6180 ha. P.C.A. <u>4994.8675 ha.</u> C.A- 7247.7931ha.
(v) Progress of Compensatory afforestation as on (date) (a) Forest land (b) Non-forest land.	C.A. 1152.58 ha. P.C.A. <u>2996.34 ha.</u> C.A 5983.9016 ha.
13. Specific Recommendation of the D.C.F. for acceptance or other wise of the proposal with reasons.	<p>The submitted proposal for diversion for establishment of 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, involves 22.671 ha forest land in 1.045 ha Revenue Forest and 21.626 ha Non-forest land recorded as Forest as on 25.10.1980.</p> <p>The submitted diversion proposal over 22.671 ha of Forest land under Keonjhar forest division is recommended herewith for approval as per provision under section 2(ii) of Forest (Conservation) Act, 1980 (Amended).</p>

Date : 01.07.2019
Place. Keonjhar


 Signature.
 Name **Sri Santosh Joshi, IFS**
 Official Seal.