

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 345.189 ha. The detailed pattern of utilization in respect of the applied forest land is produced hereunder-</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th rowspan="2">Sl. No.</th> <th rowspan="2">Purpose of Utilization</th> <th colspan="3">Forest land in ha</th> <th rowspan="2">Total</th> </tr> <tr> <th>Revenue Forest</th> <th>Forest as per DLC</th> <th>Non-forest land recorded as forest as on 25.10.1980 (Sabik forest)</th> </tr> </thead> <tbody> <tr> <td rowspan="8" style="text-align: center; vertical-align: middle;">I</td> <td>Mining</td> <td style="text-align: right;">93.598</td> <td style="text-align: right;">183.504</td> <td style="text-align: right;">29.8888</td> <td style="text-align: right;">306.9908</td> </tr> <tr> <td>Sub-grade dump</td> <td style="text-align: right;">1.397</td> <td style="text-align: right;">2.5030</td> <td style="text-align: right;">0.865</td> <td style="text-align: right;">4.765</td> </tr> <tr> <td>Dumping of OB</td> <td style="text-align: right;">0.0000</td> <td style="text-align: right;">0.2590</td> <td style="text-align: center;">-</td> <td style="text-align: right;">0.259</td> </tr> <tr> <td>Mineral storage</td> <td style="text-align: right;">0.00</td> <td style="text-align: right;">1.4950</td> <td style="text-align: right;">2.5030</td> <td style="text-align: right;">3.998</td> </tr> <tr> <td>Infrastructure (Workshop, administrative building, site services, garage, etc.)</td> <td style="text-align: right;">0.00</td> <td style="text-align: right;">2.2990</td> <td style="text-align: right;">2.977</td> <td style="text-align: right;">5.276</td> </tr> <tr> <td>Mines road</td> <td style="text-align: right;">0.00</td> <td style="text-align: center;">-</td> <td style="text-align: right;">0.6432</td> <td style="text-align: right;">0.6432</td> </tr> <tr> <td>Magazine & its safety zone (228 m radius).</td> <td style="text-align: center;">-</td> <td style="text-align: right;">16.3380</td> <td style="text-align: center;">-</td> <td style="text-align: right;">16.3380</td> </tr> <tr> <td>Safety zone area</td> <td style="text-align: center;">7.5 m along ML boundary</td> <td style="text-align: right;">2.2220</td> <td style="text-align: right;">3.4720</td> <td style="text-align: right;">1.076</td> <td style="text-align: right;">6.7700</td> </tr> <tr> <td></td> <td style="text-align: center;">10 m on either side of the road</td> <td style="text-align: right;">0.00</td> <td style="text-align: right;">0.1030</td> <td style="text-align: right;">0.0460</td> <td style="text-align: right;">0.1490</td> </tr> <tr> <td colspan="2" style="text-align: center;">Total</td> <td style="text-align: right;">97.2170</td> <td style="text-align: right;">209.973</td> <td style="text-align: right;">37.999</td> <td style="text-align: right;">345.189</td> </tr> <tr> <td style="text-align: center;">II</td> <td>Tenanted land</td> <td style="text-align: center;">-</td> <td style="text-align: center;">-</td> <td style="text-align: center;">-</td> <td style="text-align: center;">-</td> </tr> <tr> <td colspan="2" style="text-align: center;">Grand Total</td> <td style="text-align: right;">97.2170</td> <td style="text-align: right;">209.973</td> <td style="text-align: right;">37.999</td> <td style="text-align: right;">345.189</td> </tr> </tbody> </table> <p>*7.318 ha of forest land for mining & 2.144 ha of forest land for sub-grade dump (Total: 9.462 ha) out of 16.338 ha earmarked for magazine & its safety zone area will be utilized at the conceptual stage.</p>		Sl. No.	Purpose of Utilization	Forest land in ha			Total	Revenue Forest	Forest as per DLC	Non-forest land recorded as forest as on 25.10.1980 (Sabik forest)	I	Mining	93.598	183.504	29.8888	306.9908	Sub-grade dump	1.397	2.5030	0.865	4.765	Dumping of OB	0.0000	0.2590	-	0.259	Mineral storage	0.00	1.4950	2.5030	3.998	Infrastructure (Workshop, administrative building, site services, garage, etc.)	0.00	2.2990	2.977	5.276	Mines road	0.00	-	0.6432	0.6432	Magazine & its safety zone (228 m radius).	-	16.3380	-	16.3380	Safety zone area	7.5 m along ML boundary	2.2220	3.4720	1.076	6.7700		10 m on either side of the road	0.00	0.1030	0.0460	0.1490	Total		97.2170	209.973	37.999	345.189	II	Tenanted land	-	-	-	-	Grand Total		97.2170	209.973	37.999	345.189
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(vi) Density of vegetation.	Eco Value Class has been treated as "Eco Value Class - I" based on proximate location – Baitarani Reserved Forest and the canopy density has been considered at par with the adjoining vegetation of Baitarani RF. The canopy density is 0.5 .																																																																												
(vii) Species wise (Scientific names) and diameter class wise enumeration of trees in unbroken/broken area.	Species wise and diameter class wise abstract of trees enumerated in respect of applied forest land is enclosed as Annexure– XXXVII .																																																																												
(viii) Brief note on vulnerability of the forest area to erosion	Soil erosion is likely to increase following felling of trees in the undulating topography.																																																																												

(ix) Approximate distance of the proposed site for diversion from boundary of forest.	The proposed site for diversion is in contiguous with Baitarani Reserved Forest.
(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.	The applied area does not form part of any National Park, Wildlife Sanctuary, Biosphere Reserve, Tiger Reserve, Elephant Corridor etc. 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.
(xi) Whether any rare/endangered/unique species of Flora and Fauna found in the area if so, details there of	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.
(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.	No archeological/heritage site/ defence establishment or any other important Monument is located in the area.
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.	The User Agency has applied for diversion over 345.189 ha of forest land for purpose of mining and other ancillary activities. Hence, the proposal for diversion over 345.189 ha of forest land is recommended for approval.
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
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.	<p>Details of Non-Forest Land – The Non-Forest Govt. land identified in villages Sikulapada, Raidiha and Phuljhar under Banspal Tahasil of Keonjhar Division in Keonjhar District is suitable for Compensatory Afforestation under ANR model. Also Non-Forest Govt. land identified over 38.644 ha in village Kerapai and 11.00 ha in village Balangi 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. The details are as follows-</p> <p>CA scheme over 159.68 ha in villages Sikulapada, Raidiha and Phuljhar</p> <p>Distance from adjoining forest –0.00 Km</p> <p>Number of Patches – 3</p>

	<p>Size - 159.68 ha</p> <p>CA scheme over 38.644 ha in village Kerapai</p> <p>Distance from adjoining forest -2.1 Km</p> <p>Number of Patches - 1</p> <p>Size - 38.644 ha</p> <p>CA scheme over 11.00 ha in village Balangi</p> <p>Distance from adjoining forest -0.3 Km</p> <p>Number of Patches - 1</p> <p>Size - 11.00 ha</p> <p>Degraded forest land over 206.00 ha has been identified in Baitarani RF under Champua Range ANR model @400 plants/ ha.</p> <table> <tr> <td>Sikulapada village-</td> <td>45.00 ha x 800 nos. =</td> <td>36,000 seedlings</td> </tr> <tr> <td>Phulhar & Raidiha village-</td> <td>42.00 ha x 400 nos.=</td> <td>16,800 seedlings</td> </tr> <tr> <td>Balangi village-</td> <td>10.877 ha x 1600 nos.=</td> <td>17,403 seedlings</td> </tr> <tr> <td>Kerapai village-</td> <td>36.492 ha x 1600 nos.=</td> <td>58,387 seedlings</td> </tr> <tr> <td>Baitarani RF-</td> <td>206.00 ha x 400 nos.=</td> <td>82,400 seedlings</td> </tr> <tr> <td>Total</td> <td></td> <td>=2,10,990 seedlings</td> </tr> </table>	Sikulapada village-	45.00 ha x 800 nos. =	36,000 seedlings	Phulhar & Raidiha village-	42.00 ha x 400 nos.=	16,800 seedlings	Balangi village-	10.877 ha x 1600 nos.=	17,403 seedlings	Kerapai village-	36.492 ha x 1600 nos.=	58,387 seedlings	Baitarani RF-	206.00 ha x 400 nos.=	82,400 seedlings	Total		=2,10,990 seedlings
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(ii) Map showing non-forest/degraded forest area identified for compensatory afforestation and adjoining forest boundaries.	Map showing the Non-forest land identified for compensatory afforestation and degraded forest land adjoining forest boundaries is enclosed as Plate No- XII .																		
(iii) Detailed compensatory afforestation scheme including species to be planted, implementing agency, time schedule, cost structure, etc.	Scheme for compensatory afforestation, prepared by DFO, Kalahandi (S) Division and DFO, Keonjhar Division is enclosed as Annexure- XXII(A), XXII(B), XXIII & XXIII(A) .																		
(iv) Total financial outlay for compensatory afforestation scheme.	Rs.-8,78,44,761.00																		
(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).	<p>The Non-Forest Govt. land identified over 159.68 ha in villages Sikulapada, Raidiha and Phuljhar under Banspal Tahasil of Keonjhar Division in Keonjhar District is suitable, as certified by DFO, Keonjhar Division, for Compensatory Afforestation under ANR model. Degraded forest land over 206.00 ha has been identified in Baitarani RF under Champua Range ANR model @400 plants/ ha.</p> <p>Also Non-Forest Govt. land identified over 38.644 ha in village Kerapai and 11.00 ha in village Balangi 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.</p>																		
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 - XXXVI .																		
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.	10319.8016 ha (76 Nos.)
(iv) Total compensatory afforestation stipulated in the District/Division since 1980 on (a) Forest land including compensatory afforestation. (b) Non-forest land.	C.A. 1669.6180 ha. P.C.A. 4994.8675 ha. C.A- 7247.7931 ha.
(v) Progress of Compensatory afforestation as on (date) (a) Forest land (b) Non-forest land.	C.A. 1152.58 ha. P.C.A. 2996.34 ha. C.A 5983.9016 ha.
13. Specific recommendation of the D.C.F. for acceptance or other wise of the proposal with reasons.	Khandbadh Iron Ore Mines of M/s OMC Ltd, granted over 366.311 ha, involves 97.217 ha Revenue Forest, 209.973 ha DLC Forest land and 37.999 ha Non-Forest land recorded as forest as on 25.10.1980. The proposed area is unavoidable and the barest minimum for the purpose of mining. There is no sign of prevalence of endangered, threatened and vulnerable wild fauna in the said area except movement of wild elephant often noticed in the fringed areas. The proposed land use plan for the said area involves adequate safe guard measures for maintaining ecological stability. The proposed diversion of forest land will not attract displacement of people. The said proposal, is therefore, submitted for necessary approval under Sec 2(ii) of FC Act, 1980 taking the aforesaid fact into consideration.

Date : 17-12-2017
Place. Keonjhar


Signature.

Name: Sri Santosh Joshi, IFS
Official Seal.