

PART-II

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

7. Location of the Project/Scheme.

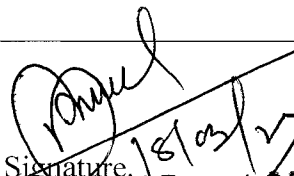
i. State/Union Territory.	Odisha.																																																																																															
ii. District.	Keonjhar																																																																																															
iii. Forest Division.	Keonjhar Forest Division.																																																																																															
iv. Area of Forest land proposed for diversion (in ha.)	<p>The proposal for permission over 3.96 ha (diversion of 0.970 ha. + re-diversion of 2.990 ha) forest land. The detailed pattern of utilization in respect of applied forest land is produced hereunder-</p> <table border="1" style="width: 100%; border-collapse: collapse; margin-top: 10px;"> <thead> <tr> <th rowspan="2">SI</th> <th rowspan="2">Purpose of Utilization</th> <th colspan="7">Area in Hectares</th> </tr> <tr> <th>Reserve Forest</th> <th>Revenue Forest</th> <th>DLC Forest</th> <th>Sabik Forest</th> <th>Total Forest</th> <th>Non-Forest</th> <th>Grand Total</th> </tr> </thead> <tbody> <tr> <td colspan="9">Diversion</td> </tr> <tr> <td>1</td> <td>Width of the Pipeline</td> <td>0.000</td> <td>0.002</td> <td>0.462</td> <td>0.169</td> <td>0.633</td> <td>1.287</td> <td>1.920</td> </tr> <tr> <td>2</td> <td>Control Room</td> <td>0.000</td> <td>0.000</td> <td>0.116</td> <td>0.169</td> <td>0.285</td> <td>0.000</td> <td>0.285</td> </tr> <tr> <td>3</td> <td>Approach Bridge from Control Room to Intake well</td> <td>0.000</td> <td>0.000</td> <td>0.040</td> <td>0.012</td> <td>0.052</td> <td>0.033</td> <td>0.085</td> </tr> <tr> <td colspan="2">Sub-Total</td> <td>0.000</td> <td>0.002</td> <td>0.618</td> <td>0.350</td> <td>0.970</td> <td>1.320</td> <td>2.290</td> </tr> <tr> <td colspan="9">Re-Diversion</td> </tr> <tr> <td>1</td> <td>ROW of NHAI</td> <td>1.733</td> <td>0.292</td> <td>0.000</td> <td>0.965</td> <td>2.990</td> <td>3.816</td> <td>6.806</td> </tr> <tr> <td colspan="2">Grand Total</td> <td>1.733</td> <td>0.294</td> <td>0.618</td> <td>1.315</td> <td>3.960</td> <td>5.136</td> <td>9.096</td> </tr> </tbody> </table>								SI	Purpose of Utilization	Area in Hectares							Reserve Forest	Revenue Forest	DLC Forest	Sabik Forest	Total Forest	Non-Forest	Grand Total	Diversion									1	Width of the Pipeline	0.000	0.002	0.462	0.169	0.633	1.287	1.920	2	Control Room	0.000	0.000	0.116	0.169	0.285	0.000	0.285	3	Approach Bridge from Control Room to Intake well	0.000	0.000	0.040	0.012	0.052	0.033	0.085	Sub-Total		0.000	0.002	0.618	0.350	0.970	1.320	2.290	Re-Diversion									1	ROW of NHAI	1.733	0.292	0.000	0.965	2.990	3.816	6.806	Grand Total		1.733	0.294	0.618	1.315	3.960	5.136	9.096
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v. Legal status of Forest.	<div style="display: flex; justify-content: space-between;"> <div> Reserve Forest Revenue Forest DLC Forest <u>Sabik Forest</u> Total </div> <div style="text-align: right;"> 1.733 ha 0.294 ha 0.618 ha <u>1.315 ha</u> 3.960 ha </div> </div>																																																																																															
vi. Density of vegetation.	The canopy density of the prevailing forest growth varies from 0.2 to 0.8. Pure patches of Sal along with miscellaneous Sal associates occurs in Sidhamath & Thakurani Reserved Forest. The prevalence of pole crop to middle aged Sal crop in this area indicates the shifting cultivation in the past and the crop can therefore be considered to be secondary origin. The average canopy density of the instant forest area to be diverted is found to be 0.5 .																																																																																															
vii. Species wise (Scientific names) and diameter class wise enumeration of trees (to be enclosed). In case of irrigation/hydel projects enumeration at FRL, FRL-2 mtr and FRL-4 meter also to be enclosed.	<p>There are 214 Nos. of sound trees and 17 Nos. of unsound trees (total Nos. 231) standing in the forest land proposed for diversion of 3.96 ha. There are 92 Nos. of sound trees and 10 Nos. of unsound trees (total Nos. 102) standing in the non-forest land over 5.136 ha. The species wise and diameter class wise abstract of total enumerated trees is enclosed in Check List Number- 9 as Annexure- 12 & 13 respectively.</p>																																																																																															
viii. Brief note on vulnerability of the Forest Area to erosion.	The applied area does not form part of any National Park, Wildlife Sanctuary, Biosphere Reserve, Tiger Reserve, Elephant Corridor etc. The Elephant corridor namely Karo-Karpada is situated around 8.31 KM from the proposed forest																																																																																															

	area. Nonetheless, this site falls under elephant habitat zone- 2 as per the book titled Remote Sensing Application for characterization of elephant habitat and corridor in Odisha and parts of Bihar published by ORSAC in September, 1999. It is prone to erosion if pruned or felled.
ix. Approximate distance of proposed site from diversion from boundary of forest.	The approximate distance of proposed site from diversion from boundary of forest is 0 KM.
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. Nonetheless, this site falls under Elephant habitat zone- 2 as per the book titled "Remote Sensing Application for characterization of elephant habitat and corridor in Odisha and parts of Bihar" published by ORSAC in September, 1999.
xi. Whether any rare/endangered/unique species of flora and fauna in the area, if so details thereof.	There are no rare/ unique species of flora and fauna in the area applied for diversion. However endangered fauna like Elephants are often noticed in the forest area applied for diversion.
xii. Whether any protected archeological/heritage site/defense establishment or any other important monument is located in the area. If so, the details thereof with NOC from competent authority, if required.	No protected archeological / heritage site / defense establishment or any other important monument is located in the area. At Elephant crossing points digging and laying of pipeline should be parallel and be done in consultation with local Range Officer. In this regards the User Agency has submitted an undertaking which is enclosed as Annexure- 15 . The User Agency has obtained necessary permission from Railway Department for lying of water Pipeline near Joda over bridge which is enclosed as Annexure- 18 . The User Agency also obtained written permission from M/s Narbheram Power & Steel Pvt. Ltd over forest land proposed to be diverted for construction of approach Road which is enclosed as Annexure- 19 .
8. Whether the requirement of Forest land as proposed by the user agency in col.2 of Part-I is unavoidable and barest minimum for the project. If no, recommended area item wise with alternatives examined.	The proposal for permission over 3.96 ha (diversion of 0.970 ha. + re-diversion of 2.990 ha) forest land is unavoidable and barest minimum required for the project.

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 violation has been observed in respect of the forest land, involved in the instant diversion proposal, the proposal for permission over 3.96 ha (diversion of 0.970 ha. + re-diversion of 2.990 ha) forest land for laying of water pipeline from Kandara to Nuagaon Iron Ore Mines of M/s JSW Utkal Steel Ltd in Keonjhar District, Odisha.
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.	Compensatory Afforestation is not required since the instant proposal is below 1.00 Ha of forest land. Therefore, in the light of para 2.6(i)(b) as per the new guideline 2019 issued under F C Act. The User Agency is required to plant 10 times nos of trees likely to be felled by way of CA or the nos of trees to be specified in the approval to be accorded in the F C Act 1980. The User Agency has submitted an undertaking to this effect vide Annexure 17 .
ii. Map showing non-forest/degraded forest area identified for compensatory afforestation and adjoining forest boundaries.	Not applicable
iii. Detailed compensatory afforestation scheme including species to be planted, implementing agency, time schedule, cost structure etc.	Not applicable
iv. Total financial outlay for compensatory afforestation scheme	Not applicable
v. Certificate 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).	Not applicable

11. Site Inspection report of the D.C.F. (to be enclosed) especially highlighting facts asked in col.7 (xi,xii), 8 and 9 above.	Site Inspection report of the Deputy Conservator of Forests, Keonjhar Division is enclosed in Check List Number- 5 as Annexure – 21
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.	14597.9759 ha (120 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. 2107.3543 ha. P.C.A., A.C.A- 7545.6046 ha C.A- 9465.8399 ha.
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.	The submitted diversion proposal over 3.96 ha (diversion of 0.970 ha. + re-diversion of 2.990 ha) of Forest land is forwarded herewith for approval as per provision under section -2(ii) of Forest (Conservation) Act, 1980.

Date : 18.03-2023
Place. Keonjhar

Signature: 
Name: **Sh. Dhanraj H.D. IFS**
Official Seal: **Divisional Forest Officer, Keonjhar Division**