

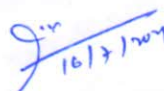
INSPECTION REPORT OF CONSERVATOR OF FORESTS, SAMBALPUR CIRCLE, SAMBALPUR.

1	Name of the Project.	Proposal for diversion of 417.073 Ha. & Re-Diversion (Change of Land use) of 171.774 Ha. Forest land against Integrated Lakhanpur-Belpahar-Lilari Opencast Project, 40 Mty Mahanadi Coalfields Ltd, Lakhanpur Area. Proposal No :FP/OR/MIN/39355/2019 dt.17.06.2020																						
2	Name of the District/Division.	Jharsuguda/Jharsuguda Forest Division.																						
3	Date of Inspection.	14.07.2021																						
4	Name and Designation of Inspection Officer.	Sri Chittaranjan Mishra, IFS, Conservator of Forests, Sambalpur Circle, Sambalpur.																						
5	Name and Designation of other Officers, who attend the inspection including Representative of user Agency.	Sri Lalit Patra, IFS, Divisional Forest Officer, Jharsuguda Forest Division Sri Subash Chandra Mohapatra, Range Officer, Belpahar Range Smt. Arati Negi, range Officer, Brajrajnagar Range. Sri Anil Kumar Singh, General Manager, Lakhanpur Area. Sri V.K. Singh, Project Officer, Lakhanpur OCP, LKPA. Sri D. Mishra, Area Survey Officer, Lakhanpur Area.																						
6	Legal Status of Forest land with area proposed for diversion.	<table border="1" style="width: 100%; border-collapse: collapse; margin-bottom: 10px;"> <tr> <th colspan="2" style="text-align: center;">Diversion</th> </tr> <tr> <td style="width: 70%;">Revenue Forest Ha.</td> <td style="text-align: right;">339.176</td> </tr> <tr> <td>Reserve Forest Ha.</td> <td style="text-align: right;">77.897</td> </tr> <tr> <td>Grand Total</td> <td style="text-align: right;">417.073</td> </tr> </table> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th colspan="2" style="text-align: center;">Re-Division (Change of land use)</th> </tr> <tr> <td style="width: 70%;">Revenue Forest Ha.</td> <td style="text-align: right;">146.787</td> </tr> <tr> <td>Reserve Forest Ha.</td> <td style="text-align: right;">24.987</td> </tr> <tr> <td>Grand Total</td> <td style="text-align: right;">171.774</td> </tr> </table>					Diversion		Revenue Forest Ha.	339.176	Reserve Forest Ha.	77.897	Grand Total	417.073	Re-Division (Change of land use)		Revenue Forest Ha.	146.787	Reserve Forest Ha.	24.987	Grand Total	171.774		
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7	If area required for diversion has been demarcated in the ground.	Yes																						
8	The item-wise break up of forest land proposed for diversion is as follows.	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th colspan="6" style="text-align: center;">Diversion</th> </tr> <tr> <th></th> <th style="text-align: center;">Mining</th> <th style="text-align: center;">Infra-structure</th> <th style="text-align: center;">7.5m S.Z.</th> <th style="text-align: center;">Area for Green belt</th> <th style="text-align: center;">Total</th> </tr> <tr> <td style="text-align: center;">Revenue Forest</td> <td style="text-align: right;">237.498</td> <td style="text-align: right;">28.636</td> <td style="text-align: right;">5.055</td> <td style="text-align: right;">67.987</td> <td style="text-align: right;">339.17</td> </tr> </table>					Diversion							Mining	Infra-structure	7.5m S.Z.	Area for Green belt	Total	Revenue Forest	237.498	28.636	5.055	67.987	339.17
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		Reserve Forest	77.557		0.340		77.897
		Total	315.055	28.636	5.395	67.987	417.073
		Re-Diversion (Change of land use)					
			Mining	7.5m safety Zone	Temporary Top soil Yard	Total	
		Revenue Forest	140.891	0.959	4.937	146.787	
		Reserve Forest	24.987			24.987	
		Total	165.878	0.959	4.937	171.774	
9	Condition of vegetation and type of forest in applied area.	<p>The type of forest area involves in this project is Revenue Forest land and Reserve forest (Kusuraloi-B RF). The species available in the applied area is Sal (Shorearobusta), Bija (Pterocarpus), Asan (Terminaliabelerica), Dhaura (Anogeissuslatifolia), Kashi (Brideliarutusa), Kendu (Diospyrasmelanoxylon), Neem (Azadirachtaindica), Sidha (Lagerstroemia perviflora), Achhu(Morindatinctoria),Bahada(Terminaliabelerica), BheluanSemicarpusanacardium),Bheru(Chloroxylonswiete nia), Chakunda (Cassiasiamea), Char(Buchananialanzan), Dhuben (Anogessiuslatifolia), Domkurdu (Gardenia latifolia),Gad khair(Acacia lenticularis), Harida (Terminaliachubela), Jamun(Syziziumcumuni), Kanteikoli(Zizyphusoenoplia),Karla (Cleistenthusscolinus), Karma(Dellinaaurea), Kumbhi (Cereyaarborea), Kurdu (Gardenialucida), Mahul (Madhucaindica), Mai (Lanneacoromandelica), Phalsa(Buteamonosperma), Rohini (Soymamidafebrifuga), Sunari(Cassia fistula) etc. The types of forest applied in the area is Northern Tropical Dry Deciduous Forests-Northern Dry Mixed Deciduous Forest (5B/C2).</p>					
10	Position of wild life in general.	<p>Presence of wild animals is negligible. The Fauna noticed are as follows</p> <p>Birds: Red Jungle fowl, Bronze winged Jacana (PaniDahuka), Tetthei,Gunduri, Harada Khai, Pandaka (Indian Little brown Dove), Parakeet,Cockoo, Kumbhatua, Owl, Hulhuliapechha (barred Jungle Owlet),Kathahana, Bahadakhai (Grey Hornbill), Kajalapati, Indian pyedMyna,Indian Myna, DamaraKau, Tailor bird (BayaChadhei), Indian purplesunbird (phulchhui),</p>					

		<p>Chatia(Indian yellow throated sparrow), Peacock, peahen, Indian pond Heron, Indian Shikra.</p> <p>Reptiles : Monitor Lizard, PahadiEndua, Tree Lizard, Turtle,Pythonsa, Blind snacks , Bodasaap, Dhaman (Rat snake),Common, Krait, Banded Krait, Cobra, Copper head, Land Mnitor, Russelsearthboa.</p> <p>Amphibians : Common India Toad, Skipping Frog, Leaping frog, Bull frog & Tree Frogs are commonly seen.</p> <p>Wild animals : Hare, Fruit Bat, Rhesus Macque, Langur, Indian Pangolin, Indian wolf , Fox Indian Otter, Indian Grey Mongoose, Jungle Cat Striped, Asiatic Jackal, Jungle cat, Wild boar, Barking dear, Spotted dear, Striped Hyaena, Palm Squirrel, Indian bush rat, Little Indian field mouse. As ascertained from local staff and villagers, Leopard use to visit occasionally.</p>
11	Whether the applied area is and involved with any Eco-any National Sensitive Zone/National Transmi-Park/Sanctuary	Not falling any Eco-sensitive zone, National Park or Sanctuary within the applied area.
12	Number of trees to be felled enumerated and impact on the system.	<p>Total 1,27,111 nos of different types of trees are enumerated for felling from the proposed diversion of forest land (i.e. 417.073 ha forest land + re-diversion (change of land use plan) of 171.774 ha forest land). Out of total no. of trees, 1,00,846 nos. from fresh Diversion and 26,265 nos. for Re-diversion(change of land use) are available to be felled in the forest area like Open Revenue Forest land and Kusuraloi-B Reserve Forest. Though there will be some negative impact due to felling of huge nos of trees available on the forest land, it can be compensated by taking up compensatory afforestation. As per principle 417074 nos plants shall be planted to compassionate the loss of trees. Hence, 417.073 ha @600 plants/ha has been identified in Revenue Non Forest Land (Hudi Kissam) in village Sudanga, Bansapal Tahasil, Keonjhar District, BJP Forest Range, Keonjhar Forest Division for plantation of 250244 nos seedlings. Balance 166830 nos plants will be planted in degraded forest land as per provision of working plans. The user agency has submitted an undertaking to pay the cost of planting (including maintenance of 10 years) of balance seedlings i.e. 166830.</p>
13	Position of displacement of people and adequacy of rehabilitation, if any	This Project is Integrated Lakhanpur-Belpahar- Lilari OCP, 40 Mty. Total 2554 nos. families are required to be displaced out of which 1363 nos. of family already been resettled & balance will be resettled during the assessment of village in due operation/advancement of the project.

		Ganesh Nagar, Jagannath Nagar & Khadam Resettlement site are located in Khadam revenue village, Lakhanpur Tahasil and are developed for resettlement of the displaced families.
14	Position of rare and endangered species available or importance of area from Archaeological point of view.	Rare and Endangered species like, Indian Pangolin (<i>Manis crapsicaudata</i>) and Indian wolf (<i>Canis lupas pallipes</i>) are available in the locality of the proposed project site. Construction of the project is not likely to have any adverse affect from ecological point of view.
15	Non Forest land used in the project and non-forest land selected for Compensatory Afforestation. If included in the DLC report or not.	Nil
16	Suitability of the identified non forest area for Compensatory Afforestation.	Suitability certificate for Compensatory Afforestation duly authenticated by the DFO, Keonjhar is attached with the CA Scheme. For this project, 417.073 ha Revenue Non Forest Land (HudiKissam) in village Sudanga, Banşapal Tahasil, Keonjhar District, BJP Forest Range, Keonjhar Forest Division has been identified. Hence, a total of 250244 seedlings can be planted @ 600 plants per Ha. over an area of 417.073 ha of proposed CA land. As per FC-Act guidelines the balance nos. of 400 plants per hectare will be planted in degraded forest land as per the provisions of working plans. The user agency submitted an undertaking to pay the cost of planting (including maintenance of 10 years) for 166830 nos. of plants over degraded forest land as per the provisions of working plans towards balance nos. of plants not planted in Compensatory Afforestation area. Identification of suitable degraded forest land for additional CA within Sambalpur Circle is on progress.
17	Violation of FC Act If any and action taken thereon.	No violation noticed under FC Act, 1980. Hence, recommended.


 16/3/2019
 Conservator of Forests,
 Sambalpur Circle