

SITE INSPECTION REPORT

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/39335/2019, dt. 17.06.2020).																																																																
2	Name of the District/Division.	Jharsuguda/Jharsuguda Forest Division.																																																																
3	Date of Inspection.	15.04.2021																																																																
4	Name & Designation of inspecting officer.	Sri Lalit Patra, IFS, Divisional Forest Officer, Jharsuguda Forest Division.																																																																
5	Name and Designation of the officers who attended the inspection including representative of user Agency.	Sri Subash Chandra Mahapatra, Range Officer, Belpahar Range Smt. Arati Negi, Range Officer, Brajarajnagar Range Sri Anil Kumar Singh, General Manager, Lakhanpur Area Sri V. K. Singh, Project Officer, Lakhanpur Area, MCL Sri D. Mishra, Area Survey Officer, Lakhanpur Area, MCL																																																																
6	Legal Status of forest land with area proposed for diversion& Re-Diversion (Change of land use).	<table><tr><td colspan="2">Diversion</td></tr><tr><td>Revenue Forest Ha.</td><td>339.176</td></tr><tr><td>Reserve Forest Ha.</td><td>77.897</td></tr><tr><td>Total</td><td>417.073</td></tr><tr><td colspan="2">Re-Diversion (Change of land use)</td></tr><tr><td>Revenue Forest Ha.</td><td>146.787</td></tr><tr><td>Reserve Forest Ha.</td><td>24.987</td></tr><tr><td>Total</td><td>171.774</td></tr></table>					Diversion		Revenue Forest Ha.	339.176	Reserve Forest Ha.	77.897	Total	417.073	Re-Diversion (Change of land use)		Revenue Forest Ha.	146.787	Reserve Forest Ha.	24.987	Total	171.774																																												
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7	If area required for diversion has been demarcated on the ground.	Demarcated on the ground																																																																
8	Item-wise breakup of the forest land propose for Diversion & Re-Diversion (Change of land use).	<table><tr><td colspan="6">Diversion</td></tr><tr><td></td><td>Mining</td><td>Infra-structure</td><td>7.5m Safety zone</td><td>Area for Green belt</td><td>Total</td></tr><tr><td>Revenue Forest</td><td>237.498</td><td>28.636</td><td>5.055</td><td>67.987</td><td>339.176</td></tr><tr><td>Reserve Forest</td><td>77.557</td><td></td><td>0.340</td><td></td><td>77.897</td></tr><tr><td>Total</td><td>315.055</td><td>28.636</td><td>5.395</td><td>67.987</td><td>417.073</td></tr><tr><td colspan="6">Re-Diversion (Change of land use)</td></tr><tr><td></td><td>Mining</td><td>7.5m safety Zone</td><td>Temporary Top soil Yard</td><td colspan="2">Total</td></tr><tr><td>Revenue Forest</td><td>140.891</td><td>0.959</td><td>4.937</td><td colspan="2">146.787</td></tr><tr><td>Reserve Forest</td><td>24.987</td><td></td><td></td><td colspan="2">24.987</td></tr><tr><td>Total</td><td>165.878</td><td>0.959</td><td>4.937</td><td colspan="2">171.774</td></tr></table>					Diversion							Mining	Infra-structure	7.5m Safety zone	Area for Green belt	Total	Revenue Forest	237.498	28.636	5.055	67.987	339.176	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	
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9	Condition of vegetation & type of forest in applied area.	<p>Open Revenue Forest land and Kusuraloi-B Reserve forest with species like Sal(<i>Shorea robusta</i>), Bija(<i>Pterocarpus</i>), Asan (<i>Terminalia bellerica</i>) Dhaura(<i>Anogeissus latifolia</i>), Kashi(<i>Bridelia rutosa</i>), Kendu (<i>Diospyros melanoxylon</i>), Neem (<i>Azadirachta indica</i>) Sidha (<i>Lagerstroemia perriflora</i>), Achhu (<i>Morinda tinctoria</i>), Bahada(<i>Terminalia bellerica</i>), Bheluan (<i>Semecarpus anacardium</i>), Bheru (<i>Chloroxylon swietenia</i>), Chakunda (<i>Cassia siamea</i>), Char(<i>Buchanania lanzan</i>), Dhuben (<i>Anogeissus latifolia</i>), Domkurdu (<i>Gardenia latifolia</i>), Gad khair (<i>Acacia lenticularis</i>), Harida(<i>Terminalia chubela</i>), Jamun (<i>Syzygium cumuni</i>), Kanteikoli (<i>Zizyphus oenoplia</i>), Karla (<i>Cleistanthus colinus</i>), Karma(<i>Dellinia aurea</i>), Kumbhi (<i>Cereya arborea</i>), Kurdu (<i>Gardenia lucida</i>), Mahul (<i>Madhuca indica</i>), Mai(<i>Lannea coromandelica</i>), Phalsa (<i>Butea monosperma</i>), Rohini(<i>Soyamida febrifuga</i>), Sunari(<i>Cassia fistula</i>) etc. are available. The types of forest applied 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 (Pani Dahuka), Tethe, Gunduri, Harada Khai, Pandaka (Indian Little brown Dove), Parakeet, Cockoo, Kumbhatua, Owl, Hulhuliapechha (barred Jungle Owlet), Kathahana, Bahadakhai (Grey Hornbill), Kajalapati, Indian pyed Myna, Indian Myna, Damara Kau, Tailor bird (BayaChadhei), Indian purple sunbird (Phulchhui), Chatia (Indian yellow throated sparrow), Peacock, Peahen, Indian pond Heron, Indian Shikra</p> <p>Reptiles: Monitor Lizard, Pahadi Endua, Tree Lizard, Turtle, Pythons, Blind snakes, Bodasaap, Dhaman (Rat snake), Common, Krait, Banded Krait, Cobra, Copper head, Land Mnitro, Russels earthboa.</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</p>

		<p>dear, Spotted dear, Striped Hyaena, Palm Squirrel, House Shrew, Indian bush rat, Little Indian field mouse. As informed by the nearby villagers Leopard used to visit occasionally.</p>
11	Whether the applied area is involved with any eco sensitive zone/national park/sanctuary .	Not falling any eco-sensitive zone, national park or sanctuary within the applied area.
12	Nos of trees to be felled and its impact on the system.	<p>Total 1,27,111nos of different type of trees out of which 1,00,846 nos for diversion & 26,265 nos for Re- Diversion (Change of Land use have enumerated in the proposed area of Diversion & Re-Diversion (Change of land use). Though there will be some negative impact due to felling of the trees available on the forest land but it can be compensated by taking up compensatory Afforestation over 417.073 ha Revenue Non Forest Land (Hudi Kissam) in village Sudanga, Bansapal Tahasil, Keonjhar District, BJP Forest Range, Keonjhar Forest Division .</p>
13	Details of broken up area and reclamation done if any	Nil
14	Position of displacement of people and adequacy of rehabilitation if any.	<p>This Project is integrated Lakhanpur-Belpahar- Lilari OCO, 40 Mty. Total 2554 nos. families are required to be displaced out of which 1363 nos. of family already been resettled at 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.</p>
15	Position of rare and endangered species available or importance of area eco social point of view.	<p>No rare and endangered species are available in the locality of the proposed project site. Construction of the project is not likely to have adverse affect from eco-social point of view.</p>
16	Area selected for diversion if included in DLC report or not.	Nil
17	Suitability of identified degraded forest area for compensatory Afforestation.	<p>The identified Govt. (Non-Forest) area for Compensatory Afforestation Suitable for CA. Suitability Certificate and CA Scheme authenticated by DFO, Keonjhar attached with the proposal. For this project, 417.073 ha Revenue Non Forest Land (Hudi Kissam) in village Sudanga, Bansapal 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</p>

		<p>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 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 of Jharsuguda Division towards balance nos. of plants not planted in Compensatory Afforestation area.</p> <p>In this regard a request has been made to Collector, Jharsuguda to provide degraded revenue forest land and also to RCCF, Sambalpur Circle to provide degraded RF/PRF in Sambalpur circle if any to User Agency for plantation of balance 166830 nos. of trees in ANR mode of plantation as per the clause of 2.4 (vi) Handbook of Forest (Conservation) Act, 1980 and Forest Conservation Rules, 2003 (Guidelines and Definitions)</p>
18	Violation of Forest (Conservation) Act, 1980 if any and action taken there on.	No violation noticed under Forest (Conservation) Act, 1980


Divisional Forest Officer
Jharsuguda Forest Division
