

CHECK LIST SERIAL NUMBER: - 05
SITE INSPECTION REPORT
(for the forest land to be diverted under FCA)

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| 1. | Name of the Project. | Part Proposal for diversion of 9.175 ha Forest Land for Jhumka Pathiriposi Pahar Iron ore Block in Keonjhar District allotted to M/s Rungta Mines Ltd in Keonjhar District out of the total forest land proposed for diversion over 156.978 ha, falling under the jurisdiction of both Keonjhar and Bonai Forest Division |
| 2. | Name of District/ Division. | Keonjhar/ Keonjhar Forest Division. |
| 3. | Date of Inspection. | 10.12.2022 |
| 4. | Name and designation of Inspecting Officer. | Dhanraj H.D, IFS Divisional Forest Officer, Keonjhar Division. |
| 5. | Name and designation of the Officers who attended the Inspection including representative of user agency. | 1). Manas Kumar Murmu, Range Officer, BJP Range. 2). Jyotirmayee Pattnaik Forester, Suakati Section 3) Rajendra Jena Forest Guard, Nayakote Beat Representative of the User Agency. 1). Hirak Mazumder, Director, M/s Rungta Mines Ltd 2). D. K. Parida Chief General Manager, M/s Rungta Mines Ltd 3). S. K Chakra, Asst. General Manager, M/s Rungta Mines Ltd |
| 6. | Legal Status of the Forest land with area Proposed for diversion | The proposed diversion proposal involves Revenue Forest. The details of applied forest land is produced below- Revenue Forest = 9.175 ha. Total = 9.175 ha Total forest land proposed for diversion- 9.175 ha |
| 7. | If area required for diversion has been demarcated on the ground. | The forest land of 9.175 ha applied for diversion, of Jhumka Pathiriposi Pahar Iron ore Block in Keonjhar District allotted to M/s Rungta Mines Ltd has been demarcated with RCC pillars and DGPS Coordinates have been mentioned in the pillars for the area over 9.175 ha. |

8. Item wise break up of forest land proposed for diversion.

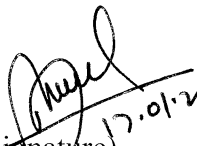
| Sl No | Item | Revenue forest (in ha) | Total forest (in ha) | Total non-forest (in ha) | Grand total (in ha) |
|-------|--|------------------------|----------------------|--------------------------|---------------------|
| 1 | Mining including Mobile Crushing and Screening Unit, Temporary Stack Yard | 7.601 | 7.601 | 0.000 | 7.601 |
| 2 | Mine Road | 0.320 | 0.320 | 0.076 | 0.396 |
| 3 | Infrastructure (Temporary Office, Rest Shelter, Workshop, Weigh Bridge etc.) | 0.000 | 0.000 | 1.187 | 1.187 |
| 4 | Mineral Stack Yard | 0.000 | 0.000 | 0.000 | 0.000 |
| | Sub-total | 7.921 | 7.921 | 1.263 | 9.184 |
| 5 | Safety Zone | 1.254 | 1.254 | 0.268 | 1.522 |
| | Grand Total | 9.175 | 9.175 | 1.531 | 10.706 |

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| 9. | Condition of Vegetation and type of forest in the applied area. | <p>The applied Forest land in village Jumka Pathiriposhi Pahar under Banspal Tahasil of BJP Range of Keonjhar Division is dwelling habitat for Bear, Barking Dear, Hyena, Porcupine and etc. Wild elephants, often, visit various forest blocks of the instant diversion project.</p> <p>As per tree enumeration list the floral species found viz <i>Gmelina arborea</i>, <i>Pterocarpus marsupium</i>, <i>Shorea robusta</i>, <i>Terminalia tomentosa</i>, <i>Syzygium cumini</i>, <i>Diospyros melanoxylon</i> & Misc Species are present in the applied forest land.</p> <p>The forest land (Revenue Forest), involved in the mining lease, is predominantly characterised with growth of sal and sal associates. The average density taken into consideration is 0.6, ECO Class-I considering the proximity of Sarkunda and Nagaria PRF under Bonai Division which has maximum coverage under MDF category as per ORSAC supplied Forest block wise canopy density maps based on FSI, SFR 2019.</p> |
| 10 | Position of Wildlife | The applied Forest land in village Jumka Pathiriposhi Pahar under Banspal Tahasil of BJP Range of Keonjhar Division is dwelling habitat for Bear, Barking Dear, Hyena, Porcupine etc. The proposed 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. |
| 11 | Whether the applied area involves any Eco-Sensitive Zone / National Park / Sanctuary. | The applied area does not involve any Eco-Sensitive Zone / National Park / Sanctuary but the area is rich in Mega fauna like Elephant. The Karo-Karpada Elephant Corridor is located at a distance of 20.95 Km from the project site. |
| 12 | No. of trees to be felled and its impact on the eco-system. | There are 3652 nos. Sound tree and 80 nos. Un-Sound tree & Pole under section 30 cm 1717 Nos. standing on the forest land over 9.175 ha for diversion and 360 nos. Sound tree and 7 nos. Un-Sound tree Pole under section 30 cm 92 Nos. standing over 1.531 ha Non-forest land involved in Jumka Pathiriposhi Pahar Iron ore Block in Keonjhar of M/s Rungta Mines Limited. The species wise and diameter class wise abstract of total enumerated trees and trees required to be felled is enclosed in Check List Serial Number- 9 . |
| 13 | Details of broken up land and reclamation done if any. | Jumka Pathiriposhi Pahar Iron ore Block is a fresh allotted area. |
| 14 | Position of displacement of people and adequacy of rehabilitation, if any. | The project does not involve displacement of any human habitation and therefore the Re-settlement and Rehabilitation plan is not warranted. |
| 15 | Position of rare and endangered species available and importance of the applied area from archeological point of view. | No rare or endangered species is available in the applied area for diversion. but Elephant movement is often noticed in the said area. There is no archaeologically important monument situated in the area. |
| 16 | Non-forest land selected for Compensatory afforestation has been included in the D.L.C. report or not. | Not |

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| 17 | Suitability of the identified non-forest land/ degraded Forestland for Compensatory afforestation. | <p>Non-forest Govt. land required for Compensatory Afforestation, for diversion of 9.175 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 9.175 ha in village Deri under Banspal Tahasil of Keonjhar District in favour of Jumka Pathiriposhi Pahar Iron ore Block in Keonjhar District allotted to M/s Rungta Mines Ltd vide letter No. 1872/Rev dt. 26.05.2022 of Collector, Keonjhar. Accordingly, Compensatory Afforestation scheme at the prevailing wage rate @Rs. 333.00 per man days with maintenance period of 10 (ten) years (As per onetime cost norm provided by the PCCF, Odisha, Bhubaneswar vide their O.O. No. 1109 dated 08.11.2021 on Base Norm for the year 2022-23) with a maintenance period of ten years under AR model @1600 seedlings/ha has been prepared over 5.00 ha of Open Forest category and Soil Moisture Conservation activity has been done over the entire Non-forest land of 9.175 ha. The copy of the allotment letter issued by Collector, Keonjhar is enclosed as Annexure-XXIX.</p> <p>Degraded forest land over 6.00 ha has been identified in Jadipada RF under Keonjhar Range to accommodate the balance seedling 1,175 nos. at the prevailing wage rate @Rs. 333.00 per man days with maintenance period of 10 (ten) years (As per onetime cost norm provided by the PCCF, Odisha, Bhubaneswar vide their O.O. No. 1109 dated 08.11.2021 on Base Norm for the year 2022-23) with a maintenance period of ten years under ANR model @200 seedlings/ha.</p> |
| 18 | Violation of Forest (Conservation) Act, 1980 if any and action taken thereon. | No violation is committed in the forest land proposed for diversion under FC Act, 1980 for 9.175 ha coming under Keonjhar Forest Division, within Jumka Pathiriposhi Pahar Iron ore Block in Keonjhar District allotted to M/s Rungta Mines Ltd. |

Date 17.01.2023

Place: Keonjhar


(Signature)

Divisional Forest Officer,
Keonjhar Division
Office Seal
Keonjhar Division