

SITE INSPECTION REPORT

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| 1. | Name of the Project | :- | Proposal for Diversion of 1.81 ha. forest land in addition to the earlier diversion over 23.581 ha. within the Mining Lease area of 28.397 ha. in respect of Patabeda Iron Ore Mines of M/s M.G.M. Minerals. Proposal No. FP/OR/MIN/35900/2018 (S.L. No.OR-055/2018) dt.27.9.2018. | |
| 2. | Name of the District / Division | :- | Sundargarh District / Bonai Division. | |
| 3. | Date of Inspection | :- | 07.05.2019 | |
| 4. | Name and designation of Inspecting Officer | :- | Sri Sudhansu Sekhar Khora, IFS, Divisional Forest Officer, Bonai Division. | |
| 5. | Name and Designation of other officers who attended the inspection including representative of User Agency. | :- | 1. Sri B.C. Patra, Range Officer, Koira Range. 2. Sri Tapas Kumar Satpathy, Fr., Koira Section. 3. Sri Kusaleswar Mohanta, Forest Guard, Gonua Beat. 4. Sri Himanshu Shekhar Pattanayak, Mines Manager of M/s M.G.M. Minerals Ltd. | |
| 6. | Legal Status of forest land with area proposed for diversion | :- | DLC Forest – 1.81 ha. | |
| 7. | If area required for diversion has been demarcated on the ground | :- | Yes | |
| 8. | Item-wise break-up of forest land proposed for diversion. | | | |
| | The item-wise break-up of forest land proposed for diversion is as follows; | | | |
| | i) | Mining | :- | 0.790 Ha. |
| | ii) | Dump along with environmental measures | :- | 0.454 Ha. |
| | iii) | Mineral Stack Yard | :- | 0.465 Ha. |
| | iv) | Electrical Sub-station & Control Room | :- | 0.101 Ha. |
| | v) | Work Shop for Maintenance of Vehicle etc. | :- | - |
| | vi) | Road | :- | - |
| | vii) | Parking | :- | - |
| | viii) | Road for in and out in SZ | :- | - |
| | TOTAL :- | | :- | 1.810 |
| 9. | Condition of vegetation and type of forest in applied area | :- | The density of vegetation is 0.5 (Zero point five) (Eco value class-I). The applied area is composed of Simaruba (<i>Simaruba glauca</i>), Saguan (<i>Tectona grandis</i>), Krushna Chuda (<i>Delonix regia</i>), Sal (<i>Shorea robusta</i>), Kusum (<i>Schleichera oleosa</i>), Kendu (<i>Diospyros melanoxylon</i>), Jamu (<i>Syzygium cuminii</i>) Acacia (<i>Acacia auriculaformis</i>) etc. | |

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| 10. | Position of Wildlife in general | :- | Wild animals such as Jungle Cat, Mongoose, Rabbit etc, and different types of Snake and Birds are sometimes seen in the applied area. No rare or endangered flora or fauna is noticed in this area. |
| 11. | Whether the applied area is involved with any eco-sensitive zone / National Park / Sanctuary. | :- | The applied area is not involved with any eco-sensitive zone / National Park / Sanctuary. |
| 12. | Number of trees to be felled and its impact on the eco-system | :- | Total tree enumeration has been taken up over applied forest area of 1.81 ha. comes to 240 nos., which are above 30 cm girth. The abstract of tree enumeration has been furnished at (Annexure-XXI/DP). Hence, 240 nos. of trees above 30 cm girth may be required to be felled / removed in applied forest area during mining and ancillary activities. |
| 13. | Details of broken-up area and reclamation done, if any. (Mining cases) | :- | 1.189 ha. of forest land is broken, the details of which are mentioned in Item No.18 below. Reclamation has not commenced. |
| 14. | Position of displacement of people and adequacy of rehabilitation, if any | :- | The project does not involve displacement of people. |
| 15. | Position of rare and endangered species available or importance of area from eco-social point of view. | :- | There is no rare and endangered species, and the area has no importance from eco-social point of view. |
| 16. | Non-forest land used in the project, and non-forest land selected for Comp. Affn. is included in the D.L.C. report or not. | :- | 1.12 ha. of non-forest land is required for the present project, which has not been included in the DLC. An area of 1.81 ha. of non-forest land has been identified in village Fuljhar of Kuliposh Range under Bonai Forest Division for Compensatory Afforestation which is not included in the D.L.C report. |
| 17. | Suitability of the identified non-forest land / degraded forest land for Comp. Affn. | :- | The non-forest land is suitable for Comp. Affn. |
| 18. | Violation of F.C. Act., if any, | :- | The Range Officer, Koira has reported vide his Memo No.195 dt.15.5.2019 that some patches in the area proposed for forest diversion have been used for various purposes such as development of road, Installation of Crusher, installation of transformer etc. as seen during Site Inspection on 7.5.2019. It is found out in the field that there are 7 nos. of such patches which covers a total area of 0.500 ha. The detailed break up of above mentioned 0.500 ha. area is given below. |

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| Sl. No. | Particulars | Area (in ha.) |
|----------|---|---------------|
| 1. | Road with Mineral stack | 0.069 |
| 2. | Tranformer, DG, MCC Room, Cable line, Pump house etc. | 0.112 |
| 3. | Mines Road near DG room | 0.122 |
| 4. | Crusher hopper with mineral stack | 0.125 |
| 5. | Mines road near scrap yard | 0.013 |
| 6. | Scrap yard | 0.027 |
| 7. | Stone wall patch with mines road | 0.032 |
| TOTAL :- | | 0.500 |

In addition to the above, a Map has also been prepared taking GPS reading in the field showing above mentioned seven patches which is also enclosed for reference (Annexure-1). Moreover, the KML file of the area applied for diversion was superimposed over Google image and it was checked through Google Map timelines to verify the existence of disturbance if any. It is seen through Google Map timelines that some patches in the area applied for diversion seems to be used for different purposes such as development of road, installation of Crusher, installation of transformer etc. It is further seen that the said patches in the area applied for diversion seems to be used over an area of 1.189 ha. as per google image dated 12.11.2010, an area of 1.135 ha. as per google image dated 18.04.2014, an area of 0.827 ha. as per google image dated 18.02.2016 and an area of 0.651 ha. as per google image dated 14.02.2019.

The Google Maps of the above patches in different times have been enclosed vide Annexure-2, 3, 4, & 5 respectively. It seems on verification of the said area applied for diversion through available Google Map timelines that the maximum area under occupation of User Agency for different purposes such as development of road, installation of Crusher, installation of transformer etc. comes to 1.189 ha. as shown in Google Map of 12.11.2010 which was taken for the purpose of calculation of total area of violation. It is pertinent to mention here that the maximum area of violation found out through google map timelines as reported above is not found in the field during site inspection except 0.500 ha. which is devoid of vegetation and still in use of User Agency. The areas apart from 0.500 ha. which is shown in Map vide Annexure-1 are found out to be covered with vegetation during site inspection.

The Collector, Sundargarh has been requested to take legal action against the Mines Manager of Patabeda Iron Ore Mines of M/s M.G.M. Minerals Ltd. for unauthorised use of DLC forest land within the above area applied for diversion vide this office Letter No.3612 dt.20.5.2019.

Further, the explanation has also been sought vide this office Memo No.3613 dt.20.5.2019 & No.3610 dt.20.5.2019 from Ex-Range Officer, Koira Range / Range Officer, Koira / Forester, Koira Section / Forest Guard, Gonua Beat as they have failed to restrain the use of DLC forest land within the above proposed diversion area.

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21/5/19
Divisional Forest Officer,
Bonai Division.