

**ANNEXURE-B**

**SITE INSPECTON REPORT OF DFO, SUNDARGARH**

1	Name of Project	Siarmal Open cast Coal Mining Project of Mahalaxmi Area Mahanadi Coalfields Limited.																										
2	Proposal No	Serial No. OR-061/ 2019 dated 07.09.2019  Forest Proposal No. FP/OR/MIN/32796/2018 submitted on 28/03/2018.																										
3	Name of District / Division	Sundargarh / Sundargarh Forest Division																										
4	Date of Inspection	12.06.2020																										
5	Name and Designation of Inspecting Officer	Shri KalungeGorakh Waman, Divisional Forest Officer, Sundargarh Forest Division, Sundargarh (Odisha).																										
6	Name and Designation of other officers who attended the inspection including representatives of the user agency	(i) Shri Ravikesh Kumar Raju, General Manager, Mahalaxmi Area (ii) Shri M.Badnaik, Range Officer, Gopalpur (iii) Shri Satish Chandra Tripathi, Project Officer, Siarmal OCP (iv) Sushil Kerketta, Forester, Gopalpur Range																										
7	Legal status of forest land with area proposed for diversion	349.709 ha of revenue forest land is needed for diversion in order to start mining operations of Siarmal Open cast Coal Mining Project of Mahalaxmi Area of Mahanadi Coalfields Limited. <table><tr><th>Sl. No.</th><th>Village Name</th><th>Area in Ha.</th></tr><tr><td>1</td><td>Siarmal</td><td>80.00</td></tr><tr><td>2</td><td>Gopalpur</td><td>94.18</td></tr><tr><td>3</td><td>Ratansara</td><td>48.87</td></tr><tr><td>4</td><td>Jhupruna</td><td>53.81</td></tr><tr><td>5</td><td>Tumulia</td><td>64.09</td></tr><tr><td>6</td><td>Kulda</td><td>9.16</td></tr><tr><td></td><td>Total</td><td>349.709</td></tr></table>			Sl. No.	Village Name	Area in Ha.	1	Siarmal	80.00	2	Gopalpur	94.18	3	Ratansara	48.87	4	Jhupruna	53.81	5	Tumulia	64.09	6	Kulda	9.16		Total	349.709
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8	Item wise breakup of forest land proposed for diversion	<table><tr><th>Purpose</th><th>Revenue Forest in (Ha.)</th><th>Total in (Ha.)</th></tr><tr><td>Mining</td><td>260.729</td><td>260.729</td></tr><tr><td>Safety zone (7.5 meter inside from mining lease boundary</td><td>3.930</td><td>3.930</td></tr><tr><td>Embankment, OB, Blasting zone and others</td><td>85.010</td><td>85.010</td></tr><tr><td>Total</td><td>349.709</td><td>349.709</td></tr></table> <p>Proposed diversion of forest is for diversion in order to start mining operations of Siarmal Open cast Coal Mining Project of Mahalaxmi Area of Mahanadi Coalfields Limited.</p>	Purpose	Revenue Forest in (Ha.)	Total in (Ha.)	Mining	260.729	260.729	Safety zone (7.5 meter inside from mining lease boundary	3.930	3.930	Embankment, OB, Blasting zone and others	85.010	85.010	Total	349.709	349.709											
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9	Condition of vegetation and type of forest applied area	Degraded Bushy Forest growth having density as followis involved in the diversion proposal. 1. Siarmal Revenue Forest-Area-80.00 Ha, Density:- 0.4 (Eco-Class-I) 2.Gopalpur Revenue Forest-Area - 94.18 Ha, Density:- 0.4 (Eco-Class-I) 3. Ratansara Revenue Forest-Area - 48.47 Ha, Density:-																										

		<p>0.4(Eco-Class-I)</p> <p>4. Jhupruna Revenue Forest-Area – 53.81 Ha, Density:- 0.4 (Eco-Class-I)</p> <p>5. Tumulia Revenue Forest-Area – 64.09 Ha, Density:- 0.4 (Eco-Class-I)</p> <p>6. Kulda Revenue Forest-Area – 9.16 Ha, Density:- 0.4 (Eco-Class-I)</p> <p><b>Forest Type- 5B-C2-DS1-Tropical Moist Deciduous Forests</b></p>
10	Position of Wildlife in general	<p>Wildlife like Hyena (<i>Hyaenidae</i>), porcupine (<i>Erethizon dorsatum</i>), spotted deer (<i>Axis axis</i>), rhesus macaque (<i>Macaca mulatta</i>), Wild boar (<i>Sus scrofa cristatus</i>), Barking deer (<i>Muntiacus muntjack</i>), Black Bear (<i>Melursus ursinus</i>), Jackal (<i>Canissureus indicus hodgson</i>), Hare(<i>Lepus nigricollis</i>), and Mongoose (<i>Herpestes edwardsi</i>) are seen in the forest land. Birds like common doves (<i>Streptopellchin onesies</i>), mynas (<i>Acridotheres tristis</i>), Jungle crow (<i>Corvus macrorhynchos</i>), Indian cuckoo (<i>Cuculus micropterus</i>), etc are seen. Common reptiles and lizards like Common krait (<i>Bungarus caeruleus</i>), rat snakes ,common garden lizards (<i>Calotes versicolor</i>) etc are seen in the area.</p>
11	Whether the applied area is involved with any eco-sensitive area / national park / sanctuary	No.
12	No. of trees to be felled and its impact on the systems	<p>Total 24414Nos. of trees (tree enumeration list, enclosed) has been enumerated in the forest land proposed for diversion. Species and Girth wise abstract is enclosed at Annexure-VIII. Felling of these trees will have some negative impact on the eco-system. For this loss, the User Agency has submitted a scheme of Compensatory afforestation over 712.477 Ha of degraded forest land at SatparliaR.F.Since the project is essential for development in mining sector, the adverse impact on environment may be considered insignificant. The User Agency has furnished an undertaking to this effect.</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>The number of project affected families is 2953 and the project displaced families will be rehabilitated at Sarangijharia R&amp;R site, Chattenpali R&amp;R site(Pocket A and Pocket B) and Badhkalia R&amp;R site.</p>
15	Position of rare and endangered species available of importance of area from eco-social point of view.	No

16	Non forest land used in the project and non-forest land selected for compensatory afforestation is included in the D.L.C. report or not.	No
17	Suitability of the identified non forest area for compensatory afforestation.	Not applicable
18	Violation of forest (Conservation) Act 1980 if any and action taken thereof	No violation under FC Act has been committed by the User Agency.



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Sundargarh Division

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