

## SITE INSPECTION REPORT (Revised)

1.	Name of the Project.	Proposal for diversion of 24.203 ha Forest land (diversion- 22.551 ha + re-diversion- 1.652 ha) within the allotted block of Rengalbeda North East Iron ore mines of Orissa Mineral Exploration Corporation Ltd (OMECL) within the total mining lease area of 24.203 ha as per LoI given by Steel & Mines Department, Govt. of Odisha.
2.	Name of District/ Division.	Keonjhar/ Keonjhar Forest Division.
3.	Date of Inspection.	06.10.2021
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). Sanjib Kumar Rout, I/c Dy. Range Officer, Barbil Range. 2). Akshya Kumar Mohanty Forester, Guali Section 3) Dologobinda Deo Forest Guard, Kendudihi Beat  Representative of the User Agency. Sri Uday Sankar Pattnaik, Sr. Manager (Mining) Dr. Lingaraj Sahoo, Sr. Manager (Geology) Sri Amit Swain, Manager (F&E) Sri Suwendu Kumar Dash, Manager (F&E)
6.	Legal Status of the Forest land with area Proposed for diversion	The proposed diversion proposal involves Revenue & Sabik Forest. The details of applied forest land is produced below-  Revenue Forest- = 17.034 ha Sabik Forest- = 7.169 ha <b>Total = 24.203 ha</b> Total forest land proposed for diversion- <b>24.203 ha</b>
7.	If area required for diversion has been demarcated on the ground.	The forest land of 24.203 ha within the allotted block of Rengalbeda North East Iron ore mines of Orissa Mineral Exploration Corporation Ltd (OMECL) within the total mining lease area of 24.203 ha as per LoI given by Steel & Mines Department, Govt. of Odisha has been demarcated with RCC pillars and DGPS Coordinates have been mentioned in the pillars for the area over 24.203 ha.

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

Sl. No.	Pattern of Utilization	Forest Area (ha.)				Non-forest Area (ha.)			Total Area (ha.)
		R. F.	Revenue forest	Forest As on 25.10.19 80	Total	Govt. Land	Pvt. Land	Total	
I	Mining	-	12.653	4.222	16.875	-	-	-	16.875
	Dumping of OB	-	0.002	0.587	0.589	-	-	-	0.589

	Infrastructures.	-	-	0.009	0.009	-	-	-	0.009
	Mineral processing and stacking	-	0.377	0.112	0.489	-	-	-	0.489
	132 KVA Underground cable	-	0.116	0.015	0.131	-	-	-	0.131
	Safety Zone area (7.5m along ML boundary & 50m on both side of NH-215)	-	3.408	1.050	4.458	-	-	-	4.458
	<b>Sub-total</b>	-	<b>16.556</b>	<b>5.995</b>	<b>22.551</b>	-	-	-	<b>22.551</b>
II	Land Occupied by NH-215	-	0.478	1.174	1.652	-	-	-	1.652
<b>Total</b>			<b>17.034</b>	<b>7.169</b>	<b>24.203</b>	-	-	-	<b>24.203</b>

9.	Condition of Vegetation and type of forest in the applied area.	<p>The applied Forest land in village Gandhalpada and Nuagaon under Barbil Tahasil of Barbil Range of Keonjhar Division.</p> <p>As per tree enumeration list the floral species found viz <i>Shorea robusta</i>, <i>Terminalia tomentosa</i>, <i>Syzygium cumini</i>, <i>Anogeissus latifolia</i>, <i>Bridelia retusa</i>, <i>Mangifera indica</i>, <i>Artocarpus integrifolia</i>, <i>Diospyros melanoxylon</i> &amp; Misc Species are present in the applied forest land. There is very good Sal generation of up to 8-10 years age pole size. but there is hardly any Sal mother tree in ML area. Kendu Chara &amp; Mahula trees also seen.</p> <p>The forest land (Revenue &amp; Sabik Forest), involved in the mining lease, is predominantly characterised with growth of sal and sal associates. The average density taken into consideration is <b>0.5</b>, ECO Class-I considering the proximity of Sidhamath RF which has maximum coverage under MDF category (Canopy density 0.4-0.7) as per ORSAC supplied Forest block wise canopy density maps based on FSI, SFR 2019.</p>
10	Position of Wildlife	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 form part of any National Park. Wildlife Sanctuary. Biosphere Reserve. Tiger Reserve. Elephant Corridor etc.
12	No. of trees to be felled and its impact on the eco-system.	There are 483 nos. Sound tree and 37 nos. Un-Sound tree standing on the forest land over 24.203 ha Forest land (diversion- 22.551 ha + re-diversion- 1.652 ha) within the allotted block of Rengalbeda North East Iron ore mines of Orissa Mineral Exploration Corporation Ltd (OMECL) within the total mining lease area of 24.203 ha as per LoI given by Steel & Mines Department, Govt. of Odisha. The species wise and diameter class wise abstract of total enumerated trees is enclosed as <b>Annexure- XIV</b> .

13	Details of broken up land and reclamation done if any.	Rengalbeda North East Iron ore mines of Orissa Mineral Exploration Corporation Ltd (OMECL) 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. 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
17	Suitability of the identified non-forest land/ degraded Forestland for Compensatory afforestation.	Non-forest land, equal in extent the forest land submitted for diversion over 24.203 ha under Sec 2(ii) under FC Act, 1980, will be met from the identified and allotted non-forest Govt. land over 24.203 ha in village Sepaskhanda under Th. Rampur Tahasil of Kalahandi District.
18	Violation of Forest (Conservation) Act, 1980 if any and action taken thereon.	<p>No violation is committed in the forest land proposed for diversion under FC Act, 1980 for 24.203 ha Forest land (diversion- 22.551 ha + re-diversion- 1.652 ha) within the allotted block of Rengalbeda North East Iron ore mines of Orissa Mineral Exploration Corporation Ltd (OMECL) within the total mining lease area of 24.203 ha as per LoI given by Steel &amp; Mines Department, Govt. of Odisha.</p> <p>However it is seen during the Site Inspection that, there is an encroachment by 10 nos. of house holders inside mining lease area. In this regards the Collector, Keonjhar has been requested to take appropriate legal action against the encroachers vide this office letter No. 7860 dt. 06.11.2021.</p>

  
**Divisional Forest Officer,**  
**Keonjhar Division**