

**SITE INSPECTION REPORT OF THE REGIONAL CHIEF CONSERVATOR OF
FORESTS, ROURKELA CIRCLE, ROURKELA**

1.	Name of the Project	:-	Proposal for diversion of 124.313 ha Non-Forest Land recorded as Forest as on/after 25th October 1980 excluding 14.748ha Forest land located in the Safety Zone, located in the Mining Lease hold area over 1586.36 ha of Bolani Ores Mines (6.90 Sq miles ML) of M/s SAIL, under the jurisdiction of Keonjhar Forest Division in village Balagoda, Bolani and Limtur etc. under Barbil Tahasil of Keonjhar District, Odisha. (Proposal No FP/OR/MIN/20126/2016, State Sl. No.OR-051/2016 dated 22.06.2016).
2.	Name of the District / Division	:-	Keonjhar District / Keonjhar Division.
3.	Date of Inspection	:-	06.08.2016
4.	Name and designation of Inspecting Officer	:-	Sri Lingaraj Otta, IFS, Regional Chief Conservator of Forests, Rourkela Circle, Rourkela.
5.	Name and Designation of other officers who attended the inspection including representative of User Agency.	:-	1. Sri Rohita Kumar Lenka, IFS, Divisional Forest Officer, Keonjhar Forest Division 2. Sri Padmanava Rout, Range Officer, Barbil Range. <u>Representatives of the User Agency:</u> 1. Sri P.C.Naik, General Manager(Mines), Bolani Ore Mines of M/s SAIL 2. Sri T.K.Roy, DGM(Mines), Bolani Ore Mines of M/s SAIL 3. Sri J.N.Sahu,(Surveyor), Bolani Ore Mines of M/s SAIL 4. Sri R.Jena,AGM,(E&L), Bolani Ore Mines of M/s SAIL
6.	Legal Status of Forest land with area proposed for diversion	:-	Non-Forest land recorded as Forest as on/after 25.10.1980- 124.313 ha.
7.	If the 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;

	Pattern of Utilization	Broken up Non-Forest land recorded as Forest as on 25.10.1980 (in ha)	Virgin Non-Forest land recorded as Forest as on 25.10.1980 (in ha)	Total non-Forest land recorded as Forest as on 25.10.1980 (in ha)	Broken Non-Forest land recorded as non-Forest as on 25.10.1980 (in ha)	Virgin Non-Forest land recorded as Non-Forest as on 25.10.1980 (in ha)	Total Non-Forest land recorded as Non-Forest as on 25.10.1980 (in ha)	Grand Total (in ha)
1	Old Mining Area (Pits & OB Dumps)	14.55	0	14.55	3.202	0	3.202	17.752
2	Roads, Conveyors, Pipe line & HT/ Power Line	12.051	1.4	13.451	14.623	3.55	18.173	31.624
3	Reject Dumps & Slime pond	23.027	0	23.027	40.683	0	40.683	63.71
4	Plants, Offices & Workshops	39.39	13.1	52.49	7.478	0.5	7.978	60.468
5	Township	20.795	0	20.795	71.978	0	71.978	92.773
	Total	109.813	14.5	124.313	137.964	4.05	142.014	266.327
6	Safety Zone	3.687	11.061	14.748	0.897	21.7	22.597	37.345
	Total	113.5	25.561	139.061	138.861	25.75	164.611	303.672

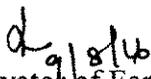
9. Condition of vegetation and type of Forest in applied area

:- The applied area is situated adjacent to and in continuum with Karo Reserve Forest which comes under 3C/C2e(iii) Moist Peninsular Valley Sal Forest type under Champion and Seth Classification with density **0.3** and site quality-III. The prevailing vegetation consists of Sal and its associates. The principal associates of Sal includes *Terminalia alata*, *Lagerstroemia parviflora*, *Anogeissus latifolia*, *Terminalia belerica*, *Syzygium cumini*, *Mangifera indica*, *Schleichera oleosa*, *Adina cordifolia*, *Pterocarpus marsupium*, *Bombax ceiba*, *Bridelia retusa*, *Madhuca indica*. The middle story is represented by *Syzygium cumini*, *Ougeinia ougenensis*, *Careya arborea*, *Treama orientalis*, *Emblica officinalis*, *Cassia fistula* etc. The shrubs and undergrowth are characterized by *Indigofera pulchella*, *Ardisia solenacea*, *Flemingia chhappar*, *Helicteres ixora* and *Clerodendron viscosum* etc. The prevailing climbers include *Bauhinia vahlii*, *Combretum decandrum* and *Beutia parviflora*. The grasses over the Forest floor include *Chrysopogon aciculatus*, *Imperata cylindrica*, *Dicanthium caricosum*, *Cynodon dactylon* etc.

10. Position of Wildlife in general

:- The applied area also witness the presence of wildlife as prevalent in Karo Reserved Forest. Karo Reserved Forest is the dwelling habitat for leopard, bear, barking deer, hyena, porcupine and etc.. Occasional visit of wild elephants from the neighbouring State of

			Jharkhand cannot be ruled out. This falls under elephant habitat Zone-2 as mentioned by ORSAC, Bhubaneswar.
11.	Whether the applied area is involved with any eco-sensitive zone / National Park / Sanctuary.	:-	The area does not involve any Eco-Sensitive Zone / National Park/ Wild Life Sanctuary.
12.	Number of trees to be felled and its impact on the eco-system	:-	There are 1164 Nos. of sound trees, 195 Nos. of unsound trees and 1080 nos. of poles below 30 cm girth enumerated inside the proposed diversion area of 124.313 ha.. The species wise and diameter class wise abstract of trees enumerated is enclosed as Annexure-3 .
13.	Details of broken-up area and reclamation done, if any. (Mining cases)	:-	Bolani Ore Mines (6.90 Sq Miles) is a non-working mines . Ancillary mining activities as depicted in the land use plan is restricted to the non-Forest land recorded as Forest as on 25.10.1980 in pursuance of recommendation of the CEC in IA No.2746-2748 of 2009 communicated dated 07.07.2011. In this backdrop, the User Agency has undertaken vide Annexure-5 to abide the condition to be stipulated as regards reclamation of broken up areas in respect of submitted diversion proposal.
14.	Position of displacement of people and adequacy of rehabilitation, if any	:-	Not applicable.
15.	Position of rare and endangered species available or importance of area from archaeological point of view.	:-	No rare or endangered species is available in the applied area, but elephant movement is often noticed in the area. There is no archaeologically important monument situated in the area.
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.	:-	Not applicable.
17.	Suitability of the identified non-Forest land / degraded Forest land for Compensatory Afforestation.	:-	The degraded Forest land identified for Compensatory Afforestation is suitable for plantation under ANR with Gap Model @200 seedlings per ha.
18.	Violation of F.C. Act., if any,	:-	As reported by the DFO, Keonjhar Division, no action in violation of FC Act, 1980 is committed in respect of the applied Non-Forest land recorded as Forest as on 25.10.1980. In addition, it is mentioned that Non-Forest land recorded as Forest as on 25.10.1980, as depicted in the existing land use plan, has been used/ broken as Non-Forest land.


Regional Chief Conservator of Forests,
Rourkela Circle, Rourkela.