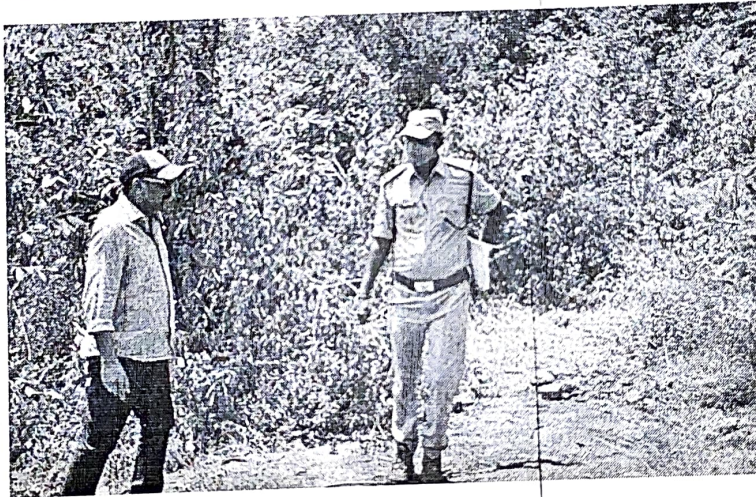


FIELD INSPECTION NOTES OF THE PROPOSED DIVERSION OF FOREST LAND FOR MINING LEASE FOR LATERITE OVER AN EXTENT OF 9.74 HA IN COMPT.NO.606, 609 OF SARLANKA RESERVED FORESTS OF YELESWARAM RANGE OF KAKINADA DIVISION BY THE DISTRICT FOREST OFFICER, KAKINADA DIVISION, KAKINADA

Date of inspection: 3rd April, 2023.

In compliance to the instructions of the Principal Chief Conservator of Forests (HoFF), Andhra Pradesh, Mangalagiri and the Chief Conservator of Forests, Rajahmundry Circle, Rajamahendravaram under the provision of F(C) Act, 1980, I have inspected the proposed area for diversion of forest land for mining lease for Laterite over an extent of 9.74 ha in compt.no.606, 609 of Sarlanka RF of Kakinada Division in favour of M/s.Bhaskara Minerals, Kakinada along with concerned staff on 03.04.2023 and the observations made during the field visit are as follows:



- The proposed area for diversion of forest land for mining lease over an extent of 9.74 ha is in compt.no.606, 609 of Sarlanka RF of Peddamallapuram Beat, Rowthulapudi section of Yeleswaram Range (Mining Area:7.38 ha, Safety Zone Area: 0.86 ha and Road Area: 1.50 ha).
- Density of vegetation in this area is between 0.40 to 0.50 and Eco class of Forest area is Tropical Dry Deciduous Forests (Eco Class - III).
- The Forest type of the area is southern dry mixed deciduous forests (5A/C3) to southern thorny scrub forest, (6A/DS1) with Moderately Dense to Scrub Forest. The dominating species are *Xylia xylocarpa*, *Lagerstroemia parviflora*, *Ximenia americana*, *Wrightia arborea*, *Pterospermum xylocarpum*, *Lannea coromandelica*, *Strychnos potatorum*, *Sterculia villosa*, *Coreya arborea*, *Pterospermum canescens*, *Strychnos nuxvomica*,

Terminelia alata, Syzygium cumini, Palaquium ellipticum, Cassia fistuala, Dillenia pentagyna, Terminalia bellarica, Morind timeturia, Diospyros sylvatica. The Tree enumeration taken up in the proposed area for diversion and total trees **1613 nos** were enumerated in the Mining and road areas and the value of trees is **Rs.37,49,290/-** (Classification wise enumeration list is enclosed herewith). Further, the user agency has submitted an undertaking for extraction of required no.of trees only in 9.74 ha of proposed area.

- Movement of wildlife such as Fox, Hare, Wildbore, Chousinga, Porcupine and Deer is there in Sarlanka RF area. For protection of these wildlife against mining operations by taking safety measures as a precaution is very much essential. Erection of Chainlink mesh of suitable gauge to a height of 2.00 mts around the safety zone area prevents entry of the wildlife into the proposed mining area thus; the possible damage if any to the wildlife can be avoided.
- The proposed area is not a part of a National park or Sanctuary. The proposed area is not a part of Biosphere Reserve, Tiger Reserve or Elephant corridor. No Archeologically important structures are present in the proposed area. The National park and Sanctuary and proposed forest land for diversion is located at aerial distance of **63.25 Kms** from Papikonda National Park and at aerial distance of **49.92 Kms** from Coringa Wildlife Sanctuary.
- Blasting in the mining area causes harm to the wildlife. In view of this, a condition "**ban on blasting**" is to be imposed to avoid any possible injuries or death of animals **working in the night also may not be permitted.**
- The areas are prone for soil erosion, due to their being gentle to moderate slopes. SMC measures like constructing CCTs is required in the vicinity. However, there is no scope for construction of Percolation tanks due to shallow depth of soils.
- Reclamation of mined areas is required in a phased manner. The dugout pits shall be refilled with fertile soil besides bench terracing if required and planted with tall plants of native species.
- Permanent demarcation of the mining area by erection of RCC pillars is essential to avoid disputes as well as checking encroachment into adjoining forest areas not granted for mining purpose.

- As per the guidelines of Forest (Conservation) Act, 1980 provision for safety zone all around the proposed mining areas shall be made. After earmarking the area required for safety zone the total area required for diversion for mining is to be calculated.

Sl. no	Name of the applicant	Area proposed for mining in ha	Area Proposed for Road area in ha	Area earmarked for safety zone in ha (Exempted In CA)	Total area proposed for diversion in ha
1	M/s Bhaskara Minerals	7.38	1.50	0.86	9.74

- As per the certificate issued by the District Collector in Form-II along with A to H Proforma information, there are no claims received under RoFR Act, 2006 in the proposed mining area.
- In the Gram Sabha conducted on 14.04.2018 in Velangi Gram Panchayat of Sankhavaram Mandal, a resolution was passed expressing no objection for mining the mineral Laterite from the proposed mining areas in Sarlanka RF by the M/s Bhaskara Minerals.

Based on the above field observations and interaction with the field staff and local villagers, the following special conditions in addition to the general conditions are proposed to be imposed for diversion of forest land.

- Chainlink fence of suitable gauge to a height of 2.0m shall be erected around the safety zone area to prevent entry of the wildlife into the mining area at the cost of the user agency.
- To collect @ of Rs.1.00 lakh per ha of forest area proposed for diversion from the user agency for taking up wildlife conservation measures and monitoring of works in the vicinity of the proposed mining areas. [it amounts of Rs.9.74 lakh]
- Blasting in the mining areas shall be banned. Mining in the night shall not be permitted.
- An amount of Rs.1.00 lakh per ha shall be deposited for carrying out soil and moisture conservation works in the vicinity of the mining area.
- The mined areas (dugout pits) shall be refilled with fertile soil and bench terracing be done if required besides raising successful plantations with tall plants of native species at the cost of the user agency as a part of reclamation of the mined area.

- f. Permanent demarcation of the mining area by erection of RCC pillars at the cost of the user agency to avoid disputes as well as to check encroachment into adjoining forest areas not granted for mining purpose.
- g. User charges equivalent to the cost of permit charges @ Rs.10/- per MT as fixed by the Government in GO Ms.no.35, EFS&T (For-I) dept. dt.06.02.2010 for the permits issued for transportation of laterite on quarterly basis shall be paid through DD in favour of the District Forest Officer, Kakinada for using the existing road.
- h. Administrative cost at the rate of Rs.10/- per MT of Laterite transported shall be paid by the user agency on quarterly basis for meeting the administrative expenses like maintenance of records, conveyance and communication charges, supervision and monitoring charges etc., to the District Forest Officer, Kakinada through DD.
- i. Pollution control measures shall be taken up by the user agency in the nearby villages at the cost of user agencies.



District Forest Officer,
Kakinada Division, Kakinada

as
17/4/2023