

**SITE INSPECTION REPORT OF SRI A. APPAIAH, ACF., FOREST DIVISIONAL OFFICER, KOTHAGUDEM IN RESPECT OF DIVERSION OF 649.3014 HA OF PROPOSED FOREST LAND IN COMPARTMENT NO. 2, 3, 4, 5 & 11 RAMAVARAM R.F., OF RAMAVARAM RANGE OF KOTHAGUDEM DIVISION IN FAVOUR OF M/S. S.C.C.LTD., DIVERSION FOR PROPOSED VENKATESH KHANI COAL MINE FROM UNDERGROUND RIGHTS TO SURFACE RIGHTS ON 10-08-2020**

\*\*\*\*\*

Inspected the proposed diversion area an extent of 649.3014 Ha of forest land in Compt. No. 2, 3, 4, 5 & 11 of Ramavaram RF for diversion for proposed Venkatesh Khani Coal mine from Underground rights to Surface rights – Kothagudem area in Bhadradi Kothagudem District in favour of M/s. S.C.Co.Ltd.

The area required for diversion of land as demarcated on the ground by DGPS survey by the User Agency comes to 649.3014 Ha. The land use pattern is as follows.

Sl. No.	Land use purpose	Area in Ha
1.	Quarry area	573.4251
2.	Berm/ Toe wall, inspection road, Drains, Power transmission lines, Safe Barrier Etc.	75.8763
<b>TOTAL::</b>		<b>649.3014</b>

The proposed forest land for diversion over an extent of 649.3014 Ha has got Misc., vegetation. The canopy density in the proposed area of diversion of forest land is mainly open and scrub forests with density lesser than 0.4. Most of the growth is coppice in nature. In a patch in Musalivarre (E) Beat MDF is shown in GIS map over 3.78 Ha. Here mainly plantations of Bamboo & Eucalyptus raised by the S.C.Co.Ltd., on the surface of the Under Ground area during 2004 were observed. The existing tree growth of Misc., species such as 1. Aare (*Bauhinia racemosa*), 2. Bandari (*Adina cordifolia*), 3. Barredudhi (*Saccopetalum tomentosum*), 4. Billudu (*Chloroxylon swietenia*), 5. Bojja (*Xylia xylocarpa*), 6. Chennangi (*Lagestroemia parviflora*), 7. Chindugu (*Albizzia procera*), 8. Tirumanu (*Anogeissus latifolia*), 9. Gotte (*Zizyphus glabrata*), 10. Gumpena (*Lannea coromandelica*), 11. Nara vepa (*Hardwickia binata*), 12. Pendli Pala (*Manilcara hexandra*), 13. Pachari (*Dalbergia lanceolceria*), 14. Sandra (*Acacia Chundra*), 15. Teak (*Tectona grandis*), 16. Thada (*Grevia telefolia*), 17. Thogara Mogali (*Morinda tinetoria*), 18. Thuniki (*Diospyros melonoxylon*), 19. Ullinda (*Diospyros chloroxylon*), 20. Chedu Vepa (*Azadirachta indica*). A part of hillock is also proposed for excavation. The forests are tropical dry deciduous in nature and the area is having undulated hillock to plain. As the total area will be used for mining, the vulnerability for erosion will not arise. The soil type is Red loamy, morrum with sandy patches.

Since, the proposed diversion area is covered with large area of forest it is not possible for take up total enumeration of trees. Hence, sample plots laid in 29.10 Ha with 291 points. Details of Density Class wise abstract as follows.

No. of Sample plots	Density Class	As per Sample Plot (0.1 Ha)				Diverted area in Ha	Total Diverted area Enumeration							
		Timber		Poles	Fuel		Timber			Poles		Fuel		Total Value in Rs.
		Nos	Volume in CMT	Nos	CMT		Nos	Volume in CMT	Amount	Nos	Amount	CMT	Amount	
9	MDF	556	29.233	168	1.561	3.7819	2337	122.840	1481696	707	30401	6.558	3850	1515947
138	OF	8952	845.355	2128	43.405	367.8535	238737	22533.970	271804746	56649	2435907	1156.899	679100	274919753
109	SF	4880	196.222	1306	10.468	217.7943	97572	3920.733	47291881	26135	1123805	209.083	122732	48538418
35	NF	631	24.005	244	1.247	59.8717	10777	410.660	4953381	4191	180213	21.314	12511	5146105
<b>291</b>						<b>649.3014</b>	<b>349423</b>	<b>26988.203</b>	<b>325531704</b>	<b>87682</b>	<b>3770326</b>	<b>1393.854</b>	<b>818193</b>	<b>330120223</b>

Further, 50.70 Ha of Eucalyptus Plantation raised by TSFDC during 2012 (7<sup>th</sup> Shaft series) is also falling in the proposed area for diversion.

In this regard, the Divisional Manager, TSFDC, Kothagudem reported that they estimated the loss assessment for S.C.Co.Ltd., for Coal Mining for Venkatesh Khani Coal Mine in Ramavaram RF, Ramavaram Range of Kothagudem Division for the above plantation for (3) Rotations and arrived as Rs. 4,01,31,682/-. Further, the S.C.Co.Ltd., has requested that, they have no objection for the cutting and clearing of 1<sup>st</sup> Rotation in the above plantation. Hence, 1<sup>st</sup> Rotation loss assessment is Rs. 1,41,41,295/- deducted from the total loss Rs. 4,01,31,682/-, Net loss of assessment is Rs. 2,59,90,387/- for 2<sup>nd</sup> and 3<sup>rd</sup> Rotations.

The main fauna existing in the proposed area for diversion are Spotted deer, Mouse deer, Jungle cats, Civet cats, Forest cats, Jackals and reptiles etc. There are no notified migratory corridor, or wildlife Sanctuary or National Park, or Biosphere reserve and no monument of archaeological importance. Special provisions need to be made for mitigation and conservation of wildlife in the buffer areas of the Project at the cost of user agency.

The chance of wild animals entering and falling in the opencast mine cannot be ruled out. Hence, it is suggested to have chain link fence all around the quarry area and bio-fence like bamboo brakes of 100m width all along the perimeter having forest interface which will minimise the damage to the wildlife with the cost of User Agency.

No protected Archeology/Heritage site and Defence establishment or any other important monuments are located in the proposed area for diversion.

In the proposed forest area no work in violation of Act has been carried out by the User Agency.

**Existing tree growth:** The vegetation of the area comes under the Tropical dry deciduous open forest having density below 0.4 and A part of hillock is also proposed for excavation. The tree growth existing in Ramavaram R.F. of Ramavaram Range having miscellaneous species. Total trees enumerated is 349423 Nos. The total value of forest produce is Rs. 33,01,20,223/- (after extrapolating the sample plot data with the total area proposed for diversion).

**Claims under RoFR:** As per the records and field inspection, at present there is no RoFR claims in proposed diversion of forest land of 649.3014 Ha of forest land in Compt Nos. 2, 3, 4, 5 & 11 of Ramavaram R.F. Resolution and Certification of District Collector, Bhadradi Kothagudem will be submitted in due course.

Encl: Photographs.

  
Forest Divisional Officer  
Kothagudem





*(Signature)*

FOREST DIVISIONAL OFFICER  
Kothagudem.

10(b)





10(c)

*(Signature)*  
 FOREST DIVISIONAL OFFICER  
 Kothagudem.