

I/100422/2022

**GOVERNMENT OF TELANGANA
FOREST DEPARTMENT**

From
Sri. R.M.Dobriyal, IFS,
Principal Chief Conservator of Forests
& Head of Forest Force, (FAC)
Telangana State, "Aranya Bhavan",
Saifabad, **Hyderabad - 500004.**

To
The Spl Chief Secretary to Government,
Forests Department,
Telangana State,
4th floor, "Aranya Bhavan",
Saifabad, **Hyderabad - 500004**

Ref.No. FC4/FC29/15/2022 Dated: 15/07/2022.

Madam,

Sub:TSFD - F(C) Act, 1980 - 1st Renewal for diversion of 124 ha (surveyed 124.065 ha) of forest land for GKOC Phase-II, Kothagudem in Ramavaram RF of Kothagudem Division, Bhadradri Kothagudem Dist in favour of M/s. SCCL, Kothagudem area - **Additional Information Sought by Gol, MoEF& CC, New Delhi - Information Furnished** - Regarding.

- Ref:**
1. General Manager, SCCL, Kothagudem Area Rc.No. KGM/EST/F-07/ 169, dt: 28.03.2018.
 2. PCCF(HoFF) Rc.No. 4633/2017/FCA-1/PS,dt: 07.04.2018.
 3. CCF/CF Kothagudem Rc.No.202/2018/M3,dt: 31.01.2019.
 4. PCCF(HoFF) Rc.No. 4633/2017/FCA-1/PS,dt: 14.03.2019.
 5. Dy.DGF (C) I/c, Gol, MoEF&CC, RO (SEZ), Chennai, F.No.4-TSA156/2019-CHN/1188, Dt.22.07.2019 (through mail).
 6. Dy.DGF (C) I/c, Gol, MoEF&CC, RO (SEZ), Chennai, F.No.14092/ROSEZ/TOUR APPROVAL (LC)/18/1206, Dt.23.07.2019 (through mail).
 7. PCCF(HoFF) Rc.No. 4633/2017/FCA-1/PS,dt: 03.07.2019.
 8. CCF/CF Kothagudem Rc.No.202/2018/M3,dt: 16.08.2019.
 9. PCCF(HoFF) Rc.No. 4633/2017/FCA-1/PS dt: 30.08.2019.
 - 10.Dy.IGF, Gol, MoEF&CC, New Delhi, F.No.8-17/1998-FC(Vol.), Dt.28.11.2019.
 - 11.PCCF(HoFF) Rc.No. 4633/2017/FCA-1/PS,dt: 19.12.2019.
 - 12.General Manager (Estates), SCCL, Kothagudem Area Ref.No.CRP/EST/F/396, dt:19.05.2020.
 - 13.PCCF(HoFF) Rc.No. 4633/2017/FCA-1/PS dt: 10.06.2020.
 - 14.Advisor Forestry, SCCL, Ref.No.ADF/SCCL/HYD/SEP-1, dt:17.09.2020.
 - 15.PCCF(HoFF) Rc.No. 4633/2017/FCA-3/PS,dt: 25.09.2020.
 - 16.Director (Planning and Projects), SCCL, Kothagudem area ref.no.CRP/EST/F/101/208, Dt.03.03.2021.
 - 17.DFO; Bhadradri kothagudem Rc.No.208/2018/D1 Dt. 16.02.2021 addressed to CCF, Kothagudem.
 - 18.PCCF(HoFF) Rc.No.4633/2017/FCA-4, dt:12.04.2021.
 - 19.CF Kothagudem Rc.No.202/2018/M3, dt:25.10.2021.
 - 20.PCCF(HoFF) Rc.No.4633/2017/FCA-4 dt:17.12.2021.
 - 21.Gol, MoEF&CC, New Delhi F.No.8-7/1998FC(VOL) dt:11-02-2022.
 - 22.PCCF(HoFF) Rc.No.4633/2017/FCA-4 dt:16.02.2022
 - 23.Director (Planning and Projects), SCCL, Kothagudem area Ref.no.CRP/EST/F/101/313, Dt.01.03.2021.
 - 24.PCCF(HoFF) Rc.No.4633/2017/FCA-4 dt:16.03.2022
 - 25.Director (Planning and Projects), SCCL, Kothagudem area Ref.no.CRP/

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EST/F/101/709, Dt.16.06.2022.
26.CCF, Kothagudem Rc.No.202/2018/M3 dated 18.06.2022.

Vide ref 21st cited, the GoI, MoEF & CC, New Delhi has sought additional information for further consideration of the proposal.

Accordingly, vide ref 25th and 26th cited, the Director (Planning & Projects), SCCL and the CCF, Kothagudem has furnished information as desired by the GoI, MoEF& CC, New Delhi (copies enclosed) and which are furnished as follows, with remarks:

- i. **The State Govt. has not offered its comments w.r.t this Ministry's letter dt 28.11.2019 wherein the comments of State Govt was sought for below mentioned:-**

After examination of the site inspection report by the Regional officer, Chennai, it was observed that the company is violating the provisions of environment clearance. The violation pertains to increase in production more than the stipulated in environment clearance granted to various projects. As the Hon'ble Supreme Court has viewed the violations very seriously in WP (civil) No.114/2014 in the matter of Common Cause Vs Union of India and others, it is seen that the project authorities in its four existing projects appears to have submitted undertakings saying that they will not repeat any such violations in further. But never the less, Regional Office, Chennai in its earlier two recommendations in the Month July, 2019, opined that, it is advisable to obtain the views of the State Government of Telangana in the matter along with the commitment from their management for not repeating such violation in future before processing this proposal. The same is reiterated is once again.

Reply:

M/s SCCL has replied in ref 25th cited that, the SCCL is operating 19 Opencast and 25 underground mines in seven districts of Telangana and is only the coal producing company in South India catering the needs of the Power Plants, Cemenet and other industries. In order to meet the increasing demand of coal, M/s SCCL has produced excess coal beyond the EC sanctioned capacity, wherever possible without increase in the land and by implementing mitigate measures to keep the pollution levels within permissible limits.

The MoEF&CC, GOI, issued notification i.e., S.O.804(E) on 14th Mar, 2017, to submit applications for processing of ECs for those violation projects either due

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to excess production beyond EC capacity or operating without valid Environmental Clearance.

Accordingly, SCCL submitted applications for (18) EC violation projects (increase in production than EC capacity) for obtaining Environmental Clearance.

The MoEF&CC, GOI, after deliberating the proposals in the Expert Appraisal Committee meetings, granted Terms of References(ToR) for the above projects. The SCCL was also granted revised Environmental clearance for violation projects i.e. Goutham Khani OCP & Venkatesh Khani no. 7 incline (part of proposed Venkatesh Khani coal mine), JVR OC-I Expansion project of Kothagudem area and Cluster of GDK 1&3, 2&2A and 5 Inclines of Ramagundam-I area. Steps are being taken for obtaining Environmental clearance for enhanced capacity in remaining violation projects.

- ii. **The State Govt. may provide the exact status w.r.t the CA land i.e. 124 ha earlier identified.**

Reply: It is submitted that the SCCL has handed over the Non-forest land to an extent of 233.77 Ha in Sy.No.116 of Rasannagudem (V), Mulkalapally (M) of Bhadradi Kothagudem district and mutated in favor of the Forest department, vide Mandal Revenue Officer Lr. No. (M) Rc. No. B/912/98 DT. 07.07.1991 in lieu of forest area diverted for various projects of M/s Singareni Collieries Company Limited.

In this regard vide ref 20th cited a detailed report has been submitted that a joint survey has been conducted on 21.01.2021 by Forest, Revenue and M/s SCCL officials for preparation of Shape & KML file of CA area to an extent of 233.77 Ha in Sy.No.116 of Rasannagudem. The DGPS survey was conducted from 08.02.2021 to 10.02.2021. After conducting the DGPS survey, actual area was arrived as 210 Ha as against the 233.77 Ha and thus shortfall of 23.77 Ha has been assessed and this may be due to change in survey and area estimation methods previously and now. The PCCF(HoFF), Telangana, has proposed to compensate this shortfall and requested the SCCL to allocate the Non-forest CA land to an extent of 23.77 ha. (shortfall) from the Overburden dumps of SCCL which has been identified for Non-forest CA land.

Further, there is overlap in the non-forest CA lands handed over by M/s SCCL and that handed over by I&CADD officials for SRLIP project, for which the I&CADD officials have been requested to provide the alternate non-forest CA land.

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Further, M/s.SCCL has identified the 205.664 ha Rehabilitated dump areas which was identified at JK-5 OCP, Yellandu, towards non-forest CA land against the proposals of JK OC for 151.8571 ha, and RG coal mine for 17.994 Ha and the present proposal of SCCL.

Hence, it is requested to kindly accept the 23.77 Ha of Non-forest land in the JK-5 OCP rehabilitated overburden dumps against the shortfall in the non-forest CA land handed over earlier in Sy.No.116 of Rasannagudem (V), Mulkalapalli (M) of Bhadradi Kothagudem district. After acceptance of this land of 23.77 Ha, SCCL shall obtain Non-encumbrance certificate from the concerned authorities and hand over the land to the Forest department.

Further, Vide ref 26th cited, the CCF, Kothgaudem has submitted the CA-DFL scheme for 24.00 Ha which has been prepared by the District Forest Officer, Mahabubabad with an financial outlay of Rs.324.778 Lakhs for a period of (10) years of maintenance and is restricted to Rs.274.287 Lakhs.

iii. **The State Govt. is requested to forward the copy of notification declaring the non- forest land (identified for CA i.e. 124 ha) under section 4 or section 29 of the Indian Forest Act, 1927, or under the relevant section of the State Forest Act as the case may be, to this Ministry.**

Reply: It is submitted that the notification proposals for reservation U/s.24 of AP Forest Act, 1967 for Rasannagudem Extn-III Forest block to an extent of 233.77 Ha was sent to District Forest Officer, Bhadradi Kothagudem vide Forest Divisional Officer, Paloncha Rc.No.3846/1990/P5, dt:18.04.2018 and the same is submitted to the Principal Chief Conservator of Forests(HoFF), T.S. Hyderabad through the Chief Conservator of Forests/CF, Kothagudem Circle vide Rc.No.136/2018/M3, dt:12.07.2018 and the same was submitted to the Special Chief Secretary, EFS&T, Hyderabad by the Principal Chief Conservator of Forests, T.S. Hyderabad vide Rc.No.4750/2005/TG/WLR-I, dt:30.07.2018 and the same is pending.

However, during the survey it was noticed that there is shortfall of 23.77 Ha and at present only 210.00 Ha is assessed by the forest department. The revised notification proposals are being prepared by the forest department for 210.00 Ha as Rasannagudem Extn-III Forest block for submission to Government for notification.

iv. **The State Govt is requested to forward the KML/shape file of the**

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proposed forest area for diversion and CA areas (earlier identified) to this Ministry for further analysis.

Reply: The KML/Shape file of proposed forest area for diversion and CA areas of previously identified 233.77 Ha (joint surveyed 210.00 Ha) and rehabilitated Overburden dump to an extent of 23.77 Ha are enclosed in CD. The KML file of CA area proposed to be done in degraded forest land of 24 ha in Mahabubabad Division is also enclosed.

V. In the site inspection report submitted by the IRO, Chennai it has been mentioned that demarcation of area of 124 ha and the safety Zones maintenance has not done by the State Govt. But in the Compliance report dt 27.12.2018 submitted by the State Government it was mentioned that it is already done. In this regard the State Government is requested to provide its comments and justification.

Reply: M/s SCCL has reported that in the compliance report Dt. 27.12.2018 it has been submitted that "The forest diversion area is for quarry purpose and as the mining is in progress and it is not feasible to demarcate the forest diversion area on the ground with RCC pillars, as this diversion is in midst of the mine (there are 3 phases of diversion in this mine). The area has been demarcated with 28 no's of RCC pillars of 4 feet height."

Further, at the time of inspection of proposed 1st renewal of 124.00 Ha of forest land diversion, void area (formed by extraction of coal) reclamation (internal dumping) was in progress. About 28 numbers of 4' height pillars were constructed in the area where reclamation was completed. The remaining part of area was demarcated with flags, as the overburden dumping was in progress to reclaim the area. However, reclamation and rehabilitation will be taken up as per approved mining plan after completion of mining and will be handed over to forest department after completion of mining operations.

Safety zone maintenance not seen on ground due to the fact that proposed renewal of diversion of forest land to the extent of 124.00 Ha is in midst of the mine/quarry. However, the safety zone area comes to 6.2072 Ha, one and half times of this area is 9.31 Ha. An amount of Rs. 3.66 Lakhs has been paid by the user agency on 23.11.1998 towards enrichment plantation in degraded forest in Compartment No. 10 of Ramavaram RF of Kothaguem division.

Further, it is submitted that the details of compensatory afforestation carried out

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has been furnished by the State Government.

In view of the above, the State Government are requested to submit the information to Gol, MoEF& CC, New Delhi for further consideration of the subject proposal.

Encl: As above

Yours faithfully,

Signed by Rakesh Mohan
Dobriyal Ifs
Date: 15-07-2022 08:17:21
Reason: Approved

Sd/ Rakesh Mohan Dobriyal Ifs
Prl. Chief Conservator of Forests &
(Head of Forest Force)(FAC)

Copy to the Conservator of Forests, Kothagudem, the District Forest Officer, Bhadradi Kothagudem.

Copy to Director (Planning & Projects), M/s Singareni Collieries Corporation Limited, Kothagudem Area, Bhadradi Kothagudem District-507101 for information.

Copy to the General Manager, M/s Singareni Collieries Corporation Limited, Kothagudem Area, Bhadradi Kothagudem District, PO:Venkatesh Khani-507103 for information.

//t. c. b. o. //

Alaver
15/7/2022

J. S. B. M.
15/7/22
Superintendent



**The Singareni Collieries Company Limited
(A Government Company)**

Registered Office
Kothagudem Collieries (P.O.) -507 101, Bhadradi Kothagudem District, Telangana State
CIN: U10102TG1920SGC000571

Ref: - CRP/EST/F/101/ 709

Date: 16.06.2022

**The Principal Chief Conservator of Forests &
Head of Forest Force,
Aranya Bhavan, Hyderabad
Telangana State.**

Sir,

Sub:- F (C) Act- Renewal for diversion of 124.00 (surveyed 124.065 HA) Ha of Forest land in Ramavaram RF of Kothagudem Forest Division in Bhadradi Kothagudem District, in favour of SCCL for GK OC Mine- replies to the EDS raised by the MOEF &CC, GOI, submission and request to send the replies to MOEF &CC, GOI. Reg.

- Ref:-
1. SCCL Lr. No: KGM/EST/72, Dt. 05.04.2017.
 2. PCCF Ref No: 4633/2017/FCA-1/PS, dated.03.07.2019.
 3. MoEF& CC, Chennai Ref.No.: 4-TSA-156/2019- CHN/1380, Dt: 05.08.2019.
 4. MOEF & CC, New Delhi Ref.No. F.8-17/1998- FC (Vol), Dt: 28.11.2019.
 5. PCCF Ref No: 4633/2017/FCA-1/PS,Dt.19.12.2019.
 6. SCCL Lr. No: CRP/EST/F/101/396, Dt. 19.05.2020.
 7. Govt. of Telangana Lr. No: 1069/For.I (1)/2019, Dt. 07.01.2022
 8. MoEF & CC, File No.8-17/1998FC (VOL), Dt. 11.02.2022.
 9. SCCL Lr No. CRP/EST/F/101, Dt.01.03.2022.

Kind attention is invited to the reference 8th cited, wherein the MOEF & CC, GOI, sought additional information on the proposal submitted for 1st renewal of 124.00 Ha Forest land diversion in Ramavaram RF of Kothagudem Forest Division in Bhadradi Kothagudem District in favour of SCCL. Accordingly, point wise replies are submitted herewith for your kind perusal and consideration.

i. The State Govt. has not offered its comments wrt this Ministry's letter dt 28.11.2019 wherein the comments of State Govt was sought for below mentioned:-

After examination of the site inspection report it was observed that the company is violating the provisions of environment clearance. The violation pertains to increase in production more than the stipulated in environment clearance granted to various projects. As the Hon'ble Supreme Court has viewed the violations very seriously in WP (civil) No.114/2014 in the matter of Common Cause Vs Union of

India and others, it is seen that the project authorities in its four existing projects appears to have submitted undertakings saying that they will not repeat any such violations in further. But never the less, Regional Office, Chennai in its earlier two recommendations in the Month July, 2019, opined that, it is advisable to obtain the views of the State Government of Telangana in the matter along with the commitment from their management for not repeating such violation in future before processing this proposal.” In this regard the State Govt. is once again requested to forward its comment.

It is brought to the kind notice that the SCCL is operating 19 opencast and 25 underground coal mines in 7 districts of Telangana State and is the only coal producing company in South India catering the needs of Power Plants, Cement, Steel and other industries. In order to meet the ever-increasing demand of coal, SCCL has produced excess coal beyond the EC sanctioned capacity. To meet the power requirement of the Telangana State, SCCL produced coal beyond the EC sanctioned capacity, wherever possible without increase in the land extent and by implementing mitigate measures to keep the pollution levels within permissible limits.

The MoEF & CC, GOI, issued notification i.e., S.O.804(E) on 14th Mar, 2017, to submit applications for processing of ECs for those violation projects either due to excess production beyond EC capacity or operating without valid Environmental Clearance.

Accordingly, SCCL submitted applications for 18 EC violation projects (increase in production than EC capacity) for obtaining Environmental Clearance.

The MoEF & CC, GOI, after deliberating the proposals in the Expert Appraisal Committee meetings, granted **Terms of References** for the above projects. The SCCL was also granted **revised Environmental clearance** for violation projects i.e. Goutham Khani OCP & Venkatesh Khani no. 7 incline (part of proposed Venkatesh Khani coal mine), JVR OC-I Expansion project of Kothagudem area and Cluster of GDK 1&3, 2&2A and 5 Inclines of Ramagundam-I area. Steps are being taken for obtaining Environmental clearance for enhanced capacity in remaining violation projects.

ii. **The State Govt. may provide the exact status wrt the CA land i.e. 124 ha earlier identified.**

It is to submit that the SCCL has already handed over the **Non-forest land to an extent of 233.77 Ha** in Sy.No.116 of Rasannagudem (V), Mulkalapally (M) of Bhadradri Kothagudem district and mutated in favor of the Forest department, vide Mandal Revenue Officer Lr. No. (M) Rc. No. B/912/98 DT. 07.07.1991 in lieu of forest area diverted for various projects of M/s Singareni Collieries Company Limited. The SCCL has deposited **Rs. 49.60 Lakhs on 23.11.1998** towards Compensatory afforestation charges. Further, CA land status w.r.t

plantation raised and expenditure incurred, may be obtained from the Forest department.

- iii. *The State Govt. is requested to forward the copy of notification declaring the non-forest land (identified for CA i.e. 124 ha) under section 4 or section 29 of the Indian Forest Act, 1927, or under the relevant section of the State Forest Act as the case may be, to this Ministry.*

It is brought to the kind notice that as reported by the Principal Chief Conservator of Forests & HOFF, Telangana, vide reference 4633/2017/FCA-4 (ii) Dt.17.12.2021, the notification proposals for reservation U/s 24 of AP Forest Act, 1967 for Rasannagudem Extn-III Forest block to an extent of 233.77 Ha was submitted to the Special Chief Secretary, EFS &T, Hyderabad by the Principal Chief Conservator of Forests, T.S, Hyderabad vide Lr. No. Rc. No. 4750/2005/TG/WLR-1, Dt. 30.07.2018 and the same is pending.

- iv. *The State Govt is requested to forward the KML/shape file of the proposed forest area for diversion and CA areas (earlier identified) to this Ministry for further analysis.*

It is brought to the kind notice that the Principal Chief Conservator of Forests & HOFF, Telangana, vide reference 4633/2017/FCA-4(ii) Dt.17.12.2021 has already informed that land of 233.77Ha was already mutated as Forest (CA land). A joint survey has been conducted on 21.01.2021 in presence of Forest Range Officer, Mulkalpally, SCCL Officials and Revenue surveyors for preparation of Shape & KML file of CA area to an extent of 233.77Ha in survey number 116 of Rasannagudem and the DGPS survey was conducted from 08.02.2021 to 10.02.2021.

It has been reported that this area is overlapped in the CA area mutated to an extent of 61.66Ha vide Tahsildar letter Rc.No-B/1082/2017 Dt.09.02.2018. This land was marked and mutated in lieu of RF land diverted for Seetha Rama Lift Irrigation Project (SRLP). Thus, it is evident that the SCCL is not responsible for such overlap made. The SCCL has handed over area which was mutated during 1991 itself and for any subsequent mutation of the same land, SCCL is no way responsible.

Further, when the area was already taken over by the Forest Department during 1991, the SCCL is not responsible for any subsequent encroachment as reported in 155 Ha.

The Principal Chief Conservator of Forests & HOFF, Telangana, has also reported that after conducting the DGPS survey, actual area was arrived as 210 Ha and thus shortfall of 23.77 Ha and this may be due to change in survey method.

To compensate this shortfall and seeing the urgency for this renewal project, the SCCL has demarcated rehabilitated over burden dump (Non Forest Land) of 23.77 Ha at Yellandu. This was also inspected and agreed by the filed officers and a report in this regard has been submitted to the Principal Chief Conservator of Forests & HoFF, Telangana, by the Conservator of Forests, Khammam Circle, vide his reference number 168/2022/M11, dt 06.04.2022, in which this area of 23.77 Ha is part of remaining area of 35.9221 Ha. (Copy enclosed).

Further, the SCCL has also agreed to pay the cost towards raising CA in equal extent (24 Ha) in degraded forest in Mahboobabad Division for which CA Scheme has been prepared by the District Forest Officer, Mahboobabad in Gangaram range, Gudur(WLM) Division with a financial outlay of Rs. 324.778 Lakhs and submitted vide his reference number FCA-SCCL/2021/TO, dated 13.06.2022 (Even though the SCCL has already paid amount **Rs. 49.60 Lakhs on 23.11.1998 towards raising CA on 23.11.1998**).

The KML/Shape file of proposed forest area for diversion and CA areas (rehabilitated Over burden dump) are enclosed herewith in pen drive (soft copy). The KML file of CA area proposed to be done in degraded forest land in equal extent in Mahboobabad Division is also enclosed.

v. *In the site inspection report submitted by the IRO, Chennai it has been mentioned that demarcation of area of 124 ha and the safety Zones maintenance has not done by the State Govt. But in the Compliance report dt 27.12.2018 submitted by the State Government it was mentioned that it is already done. In this regard the State Government is requested to provide its comments and justification.*

a. In the compliance report Dt. 27.12.2018 it was submitted that *“The forest diversion area is for quarry purpose and as the mining is in progress it is not feasible to demarcate the forest diversion area on the ground with RCC pillars, as this diversion is in midst of the mine (there are 3 phases of diversion in this mine). The area has been demarcated with 28 nos of RCC pillars of 4 feet height.”*

In this regard, further clarified that, at the time of inspection of proposed 1st renewal of 124.00 Ha of forest land diversion, void area (formed by extraction of coal) reclamation (internal dumping) was in progress. About 28 numbers of 4' height pillars were constructed in the area where reclamation was completed. The remaining part of area was demarcated with flags, as the overburden dumping was in progress to reclaim the area.

However, reclamation and rehabilitation will be taken up as per approved mining plan after completion of mining and will be handed over to forest department after completion of mining operations.

- b. Safety zone maintenance not seen on ground due to the fact that proposed renewal of diversion of forest land to the extent of 124.00 Ha is in midst of the mine/quarry. However, the safety zone area comes to 6.2072 Ha, one and half times of this area is 9.31 Ha. The amount of Rs. 3.66 Lakhs has been paid by the user agency on 23.11.1998 towards enrichment plantation in degraded forest in Compartment No. 10 of Ramavaram RF.

The Principal Chief Conservator of Forests & HOFF, Telangana, vide reference 4633/2017/FCA-4(ii) Dt.17.12.2021 has already furnished details of CA taken up.

Hence, it is requested to kindly forward these replies to the State Government for onward submission to the MOEF &CC, GOI, for favour of consideration of this proposal for timely grounding of Venkatesh Khani coal mine as diversion of 124.00 Ha of forest land is part of it.

It is also to submit that the Goutham Khani OCP is likely to be closed soon and immediate grounding of Venkatesh Khani OCP is crucial for supply of coal to the Kothagudem thermal Power Station etc and hence urgent.

Yours faithfully,


Director (Planning & Projects)
DIRECTOR (Planning & Projects)
The Singareni Collieries Co.Ltd.,
Kothagudem Collieries PO-507 101
Bhadradi Kothagudem Dist. T.S.

Encl: As above

Copy submitted to :

The Regional Officer, Integrated Regional Office, MoEF &CC, Hyderabad- for favour of information.

The Conservator of Forests, Kothagudem Circle, Kothagudem , for favor of information and with a humble request to get the process of survey etc as mentioned in the Principal Chief Conservator of Forests & HOFF, Telangana, reference 4633/2017/FCA-4 (ii) Dt.17.12.2021 completed and reported.

The District Forest Officer, Kothagudem, for favor of information and with a humble request to get the process of survey etc as mentioned in the Principal Chief Conservator of Forests & HOFF, Telangana, reference 4633/2017/FCA-4 (ii) Dt.17.12.2021 completed and reported.

Yours faithfully,


Director (Planning & Projects)

DIRECTOR (Planning & Projects)
The Singareni Collieries Co.Ltd.,
Kothagudem Collieries PO-507 101
Bhadradi Kothagudem Dist. T.S.

FILED INSPECTION NOTE OF SRI D.BHEEMA, IFS, CONSERVATOR OF FORESTS, KHAMMAM CIRCLE IN RESPECT OF REHABILITATED NON-FOREST LAND(NFL) OF THE OVER BURDEN (OB) OF COAL MINES IN YELLANDU AREA (ABOUT 205.664 HA) WHEREIN MINING IS COMPLETED AND PROPOSED AS C.A LAND AGAINST THE RF AREAS PROPOSED FOR DIVERSION FOR FRESH MINING.

I have inspected the proposed rehabilitated Non-Forest Land(NFL) of the Over burden (OB) of coal mines in Yellandu Area (about 205.664 Ha) wherein mining is completed and proposed as C.A land against the RF areas proposed for diversion for fresh mining on 08.03.2022 along with District Forest Officer, Khammam, Forest Divisional Officer, Khammam, Dy.General Manager SCCL Yellandu, Project Officer SCCL Yellandu and concerned staff.

The non Forest Land to an extent of 205.664 has been identified on rehabilitated overburden dumps of JK coal mine in Yellandu area, the said area is falling in Khammam Forest division to handover to the Forest Department towards CA against the new proposals of the SCCL i.e., diversion of 151.8519 Ha for JK OC mine in Yellandu and 17.994 ha for Ramagundam OC mines etc.



The General Manager, SCCL, Kothagudem has informed that an area of 205.664 Ha is proposed for CA as against the Forest land diversion proposals of JK OC coal mine for 151.8571 ha, RG Coal Mine for 17.994 Ha and remaining area of 35.9221 Ha for future forest diversion proposals of SCCL.



The proposed identified on rehabilitated overburden dumps area is suitable subject to fulfilment of following mitigative measures.

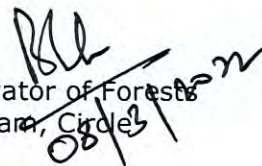
1. As the area is adjoining to the Revenue area. Hence chain link fencing should be provided all around the proposed CA land, so as to protect it from the encroachment and biotic interference.
2. As the area is vast to protect all over, it is required to be constructed boundary pillars all along the periphery of proposed CA area.
3. There are two big dugouts with very deep slope water bodies exist, which required to be fenced with chain link fencing. Otherwise there is every possibility to fall wild animals in the water bodies. Further it is required a construction of ramp to the deep water bodies for easy movement of wild life.
4. At some areas, infestation of weed is noticed and no desired tree growth is observed. Hence, broadcasting of forestry seeds as well as grass seeds may be taken up to attract wild life also in inaccessible areas. Therefore, a Separate wildlife mitigation measures may be required and the same shall be borne by the User Agency.

5. As the water is available and suitable for birds, suitable nesting and perching structures may be arranged in and around water bodies.
6. In some of CA proposed area is heavily infested with Prosopis Juliflora (SarkarThumma), hence uprootal of said species may be taken up with a proposal to fill the area with gap planting or SMM plantation wherever viable gaps are existing.
7. It is observed that, most of the species present in the proposed CA area are Non forestry species only like Seemathangedu, Peltopharum, Subabul, Gulmohar and Edakulapala etc., Hence, it is required to be prepare CA Scheme for equal area of forest area diversion in degraded forest area by Forest Department and the same shall be borne by the User Agency.
8. As per the guidelines issued by the Prl. Chief Conservator of Forests, TS, Hyd. vide Rc.No.6753/2014/FCA3(i), dt.15.06.2019 on clarification on selection of land for CA as follows : *"State Government shall prepare CA Scheme with 1000 plants/ha in all such cases. In case if it is not possible to raise 1000 plants/ha on the selected NFL, then the balance plants can be allowed to be raised on DFL as per Working Plan prescriptions"*.

In view of the above, each plot is having less than 1000 nos of trees and most of the species present in the proposed CA area are Non forestry species like Seemathangedu, Peltopharum, Subabul, Gulmohar and Edakulapala etc., Hence, it is required to be prepare CA Scheme for equal area of forest diversion in degraded forest area by Forest Department and the same shall be borne by the User Agency.

9. It is also observed that, there is a partial encroached near the fringes and a road passing through the proposed CA land to Cheemalapadu village. The either side of the road should fenced with chain link fencing and effective area can be taken while handing over the CA proposed area.

Hence subject to the above conditions of fulfilling and the specific recommendations made by the District Forest Officer, Khammam the proposed rehabilitated Non-Forest Land (NFL) of the Over burden (OB) of mines in Yellandu Area (about 205.664 Ha) wherein mining is completed and proposed as C.A land against the RF areas proposed for diversion for fresh mining in Forest land diversion proposals of JK OC coal mine for 151.8571 ha, RG Coal Mine for 17.994 Ha and remaining area of 35.9221 Ha for future forest diversion proposals of SCCL.


 Conservator of Forests
 Khammam, Circle

E 1501609

**GOVERNMENT OF TELANGANA
FOREST DEPARTMENT**

From
Sri D. Bheema., I.F.S.,
(FAC) Conservator of Forests
Khammam Circle, Khammam

To
The Prl. Chief Conservator of Forests,
(Head of Forest Force),
Telangana, Aranya Bhavan,
Saifabad, Hyderabad.

Rc No. 168/2022/M11, Dt: 06.04.2022.

Sir,

Sub: TSFD – Forest Conservation Act, 1980 – Identification & Acceptance of the rehabilitated Non-Forest Land (NFL) of the Over burden (OB) of mines in Yellandu Area (about 205.664 Ha) wherein mining is completed as C.A land against the RF areas proposed for diversion for fresh mining - **Site inspection report and control plot information – Report submitted** - Reg.

- Ref:**
1. Shri Surendra Pandey, IFS, Advisor (Forestry), SCCL Rc.No. ADF/SCCL/HYD/JAN-7, dt. 15.02.2022.
 2. General Manager (Estates), SCCL, Kothagudem Rc.No. CRP/EST/C-005/259, dt. 15.02.2022 (addressed to the PCCF, TS, Hyd.)
 3. General Manager (Estates), SCCL, Kothagudem Rc.No. CRP/EST/C-005/259, dt. 15.02.2022 (addressed to the CF, Kothagudem)
 4. General Manager, SCCL, Yellandu Rc.No. YLD/GMO/G1149, dt. 10.03.2022.
 5. Forest Divisional Officer, Khammam Rc.No. 598/2022/S3, dt. 22.03.2022.
 6. DFO., Khammam Rc.No. 300/2022/A3, dt. 25.03.2022.

It is submitted that, the District Forest Officer, Khammam vide reference 6th cited has reported that, the Advisor (Forestry), SCC Ltd., vide reference 1st cited has informed that, non Forest Land to an extent of 205.664 has been identified on rehabilitated overburden dumps of JK mine in Yellandu area, is falling Khammam Forest division to handover to the Forest Department towards CA against the new proposals of the SCCL i.e., diversion of 151.8519 Ha for JK OC mine in Yellandu and 17.994 ha for Ramagundam OC mines etc.

Further, the Advisor (Forestry), SCC Ltd and General Manager, SCCL, Yellandu have requested for inspection of non Forest Land and to kindly submit the recommendation proposals on acceptance of rehabilitated Overburden dump areas to an extent of 205.664 Ha as CA, as against the forest land proposed for diversion (Maps are enclosed).

As per request made by the SCCL Authorities, the District Forest Officer, Khammam vide reference 6th cited has reported that, the Forest Divisional Officer, Khammam has inspected the non-forest rehabilitated Overburden dump areas falling in Karepally range of Khammam division on 05.03.2022 and 08.03.2022 and submitted the details of sample plots as detailed below.

Plot No.	Lat - Longs	No of trees more than 10 cm girth Sample plot for 0.10 Ha	No. of trees per 1 Ha	Remarks
1	17.55003 - 80.33858	20	200	It is submitted that, each plot is having less than 1000 nos of trees and most of the species present in the CA area is Non forestry species only like Seemathangedu, Peltopharum, Subabul, Gulmohar and Edakulapala etc.,. The area is heavily infested with Prosopis Juliflora (SarkarThumma) ,
2	17.54334- 80.34415	45	450	
3	17.54060 - 80.34731	64	640	
4	17.54528 - 80.34711	51	510	
5	17.53682 -80.34015	112	1120	
6	17.54366- 80.34258	81	810	
7	17.54132 - 80.34520	60	600	
Total 7 plots		433	3790	

// 2 //

Further, the Forest Divisional Officer, Khammam has submitted that, during the field inspections on 05.03.2022 and 08.03.2022, he has also noticed the following observations in the proposed area:

1. As the area is adjoining to the Revenue area, chain link fencing should be provided all around the proposed CA land, so as to protect it from the encroachment and biotic interference.
2. In the areas where sumps are present and water bodies are found, ramp construction may be taken up for easy movement of wild life.
3. There are two big dugouts with very deep slope water bodies exist, which required to be fenced with chain link fencing. Otherwise, there is every possibilities to fall wild animals in the water bodies. Further it is required a construction of ramp to the deep-water bodies for easy movement of wild life.
4. As the water is available and suitable for birds, suitable nesting and perching structures may be arranged in and around water bodies.
5. At some areas, huge infestation of weed is noticed and no desired tree growth is observed. Hence, broadcasting of forestry seeds as well as grass seeds, may be taken up to attract wild life also in inaccessible areas. Therefore, a Separate wildlife mitigation measures may be required and the same shall be borne by the User Agency.
6. In proposed CA, some of the area is heavily infested with Prosopis Juliflora (SarkarThumma), hence uprootal of said species may be taken up with a proposal to fill the area with gap planting or SMM plantation wherever viable gaps are existing.
7. As per sample plot data, it is observed that, most of the species present in the CA area are Non forestry species only like Seemathangedu, Peltopharum, Subabul, Gulmohar and Edakulapala etc., Hence, it is required to be prepare CA Scheme for equal area of forest area diversion in degraded forest area by Forest Department and the same shall be borne by the User Agency.
8. As the area is vast to protect all over, boundary pillars shall be constructed all along the periphery of proposed CA area and suitable location boards and awareness boards may be arranged for clear demarcation of the proposed CA area.
9. Some areas in the proposed CA land are partially encroached near the fringes and in one area, Dumping yard is also observed during the field visit. This may be taken into consideration for effective area calculation and road is being utilized to go to Cheemalapadu village. Hence, necessary decision may be taken in this regard.

Further the District Forest Officer, Khammam has submitted that, the General Manager, SCCL, Kothagudem & Yellandu vide reference 2nd, 3rd& 4th cited have reiterated by stating as below.

*“MoEF& CC, GOI, vide ref. F.No.5-2/2017-FC, dt.28th March, 2019 has issued revised guide lines on F(C) Act, for diversion of forest land for non-forest activities. It has been clarified vide para 2.4 (ix), that “Non-Forest land not coming under the purview of FC Act, 1980, reclaimed by any user agency by planting native species of a minimum of 1000 trees per hectare and of minimum 10 cm diameter at breast height can be considered as CA in lieu of forest land to be diverted, **without levying planting cost**”.*

It was also submitted that as per the guidelines issued by the Prl. Chief Conservator of Forests, TS, Hyd. vide Rc.No.6753/2014/FCA3(i), dt.15.06.2019 on clarification on selection of land for CA as follows :

“State Government shall prepare CA Scheme with 1000 plants/ha in all such cases. In case if it is not possible to raise 1000 plants/ha on the selected NFL, then the balance plants can be allowed to be raised on DFL as per Working Plan prescriptions”.

// 3 //

Further the General Manager, SCCL, Kothagudem in his report stated that an area of 205.664 Ha is proposed for CA as against the Forest land diversion proposals of JK OC for 151.8571 ha, 17.994 Ha for RG Coal Mine and remaining area of 35.9221 Ha for future forest diversion proposals of SCCL.

In this regard, the District Forest Officer, Khammam has submitted that, as per sample plot (7 nos.) information furnished by the Forest Divisional Officer, Khammam, it is observed that, in most of the sample plots (7 no.s), the trees ascertained are less than 1000 nos and even the trees are non-forestry species and can not be considered as native/forestry species for CA selection. Hence, it is also needed to prepare CA Scheme for the DFL area by Forest Department and the same shall be borne by the User Agency.

In this regard, the District Forest Officer, Khammam has submitted that as per the report of the Forest Divisional Officer, Khammam and as per her field inspection in the said location, she has observed that as most of the trees are non-forestry species in the land proposed for CA and there is need to take some mitigation and conservation activities as follows :

1. The User Agency shall take up fencing around the CA area proposed.
2. Forest Department will prepare appropriate Wildlife Conservation Plan.
3. Suitable water conservation measures shall be adopted in (2) sump areas like ramp construction etc. at the cost of User Agency.
4. CA Scheme to be prepared and the same shall be borne by the User Agency.

In view of the above, it is submitted that, I have also inspected the non-forest rehabilitated Overburden dump areas to an extent of 205.664 Ha of CA land proposed by the SCCL on 08.03.2022 along with the District Forest Officer, Khammam, Forest Divisional Officer, Khammam and Forest Range Officer, Karepally and SCCL Authorities i.e, DGM, SCCL and Project Officer, Singareni and inspection notes of the undersigned is submitted and enclosed herewith for kind perusal

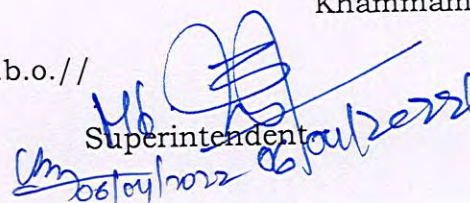
Further, it is submitted that, I agree with the observations furnished by the District Forest Officer, Khammam and Forest Divisional Officer, Khammam and recommended the proposal of the District Forest Officer, Khammam for acceptance of the non-forest land proposed to an extent of 205.664 Ha over the rehabilitated Overburden dump areas falling, in Khammam forest division, in lieu of diversion of RF areas proposed for fresh mining of Jawahar Khani OC mine for 151.8571 ha, Ramagundam OC mine for 17.994 ha and remaining area of 35.9221 ha for future forest diversion proposals of SCCL, **subject to the conditions as mentioned in the field inspection report.**

This is submitted for favour of kind information.

- Encl: 1. Inspection report of Circle Head.
2. Report of the DFO, Khammam.
3. Sample plot information.
4. CA area maps are enclosed

Yours faithfully
Sd/-D. Bheema.,
Conservator of Forests(FAC),
Khammam Circle, Khammam

//t.c.b.o.//


Superintendent
06/04/2022



The Singareni Collieries Company Limited

(A Govt. Company)

Yellandu Area

PLAN SHOWING THE AREAS OF REHABILITATED DUMPS AT JKOC-II PROPOSED FOR HANDING OVER TO STATE FOREST DEPARTMENT UNDER CA SCHEME

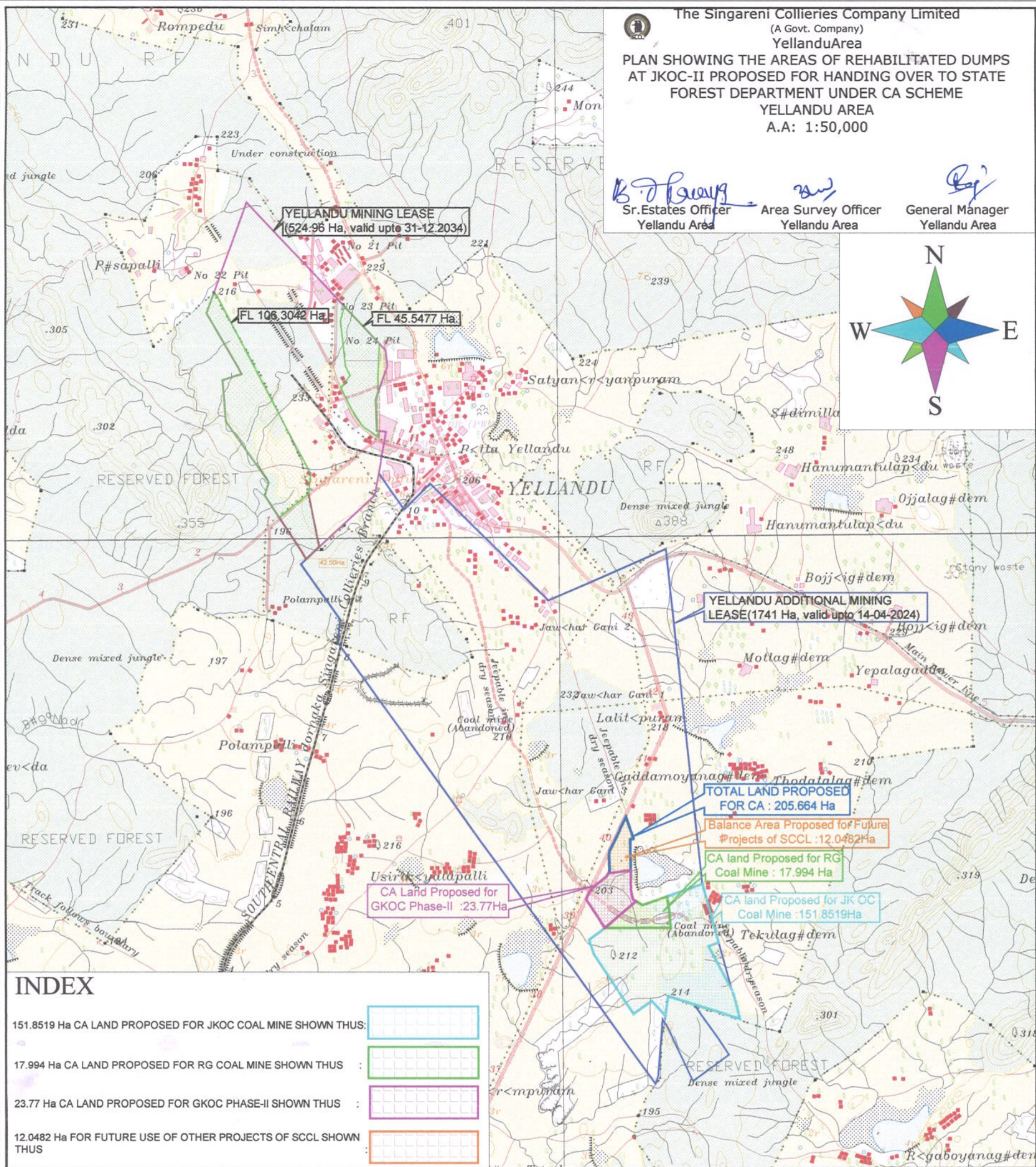
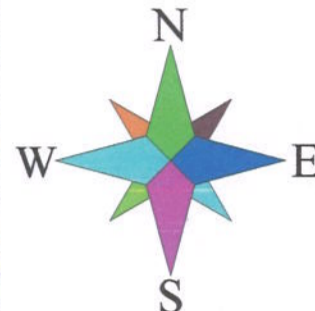
YELLANDU AREA

A.A: 1:50,000

B. D. Gowtham
Sr. Estates Officer
Yellandu Area

[Signature]
Area Survey Officer
Yellandu Area

[Signature]
General Manager
Yellandu Area



INDEX

- 151.8519 Ha CA LAND PROPOSED FOR JKOC COAL MINE SHOWN THUS:
- 17.994 Ha CA LAND PROPOSED FOR RG COAL MINE SHOWN THUS :
- 23.77 Ha CA LAND PROPOSED FOR GKOC PHASE-II SHOWN THUS :
- 12.0482 Ha FOR FUTURE USE OF OTHER PROJECTS OF SCCL SHOWN THUS

[Signature]
Forest Divisional Officer
KHAMMAM

[Signature]
District Forest Officer
KHAMMAM.

[Signature]
Chief Conservator of Forests/
(FAC) Conservator of Forests,
Khammam Circle, Khammam.

[Signature]
FOREST RANGE OFFICER
KAREPALLY

COMPENSATORY AFFORESTATION SCHEME PROPOSALS FOR RAISING OF 24.00 Ha. CA PLANTATION IN GANGARAM RANGE IN LIEU OF DIVERSION OF 124.00 Ha. FOREST LAND GK OC PROJECT PHASE-II AT KOTHAGUDEM DIVISION IN BHADRADRI KOTHAGUDEM DISTRICT IN FAVOUR OF M/s. SINGARENI COLLIERIES COMPANY LIMITED IN GUDURU (W.L.M.) DIVISION.

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I. INTRODUCTION:

The Principal Chief Conservator of Forests (HoFF), Telangana State, Hyderabad has forwarded the proposals for submission of Compensatory Afforestation Scheme in lieu of diversion of 124.00 Ha. Forest land GK OC Project Phase-II at Kothagudem Division in Bhadradi Kothagudem District in favour of M/s. Singareni Collieries Company Limited, General Manager, Kothagudem Area, Bhadradi Kothagudem District in Guduru (WLM) Division and the following degraded forest areas and certified the suitability. The details are as follows.

Sl. No.	Range	Bit No.	Beat	Section	Block	Compt. No.	Net area available
1	Gangaram	1	Jangalapally (N) & Jangalapally (E)	Komatlaguda	Chinthaguda	895 & 913	30.60
						Total :	30.60

In lieu of diversion of Forest land over an extent 124.00 Ha. Forest land GK OC Project Phase-II at Kothagudem Division in Bhadradi Kothagudem District, an extent of 24.00 Ha. is proposed for treatment and improvement in Gangaram Range of Guduru (W.L.M.) Division.

The degraded forest area where the growth is less than 0.4 density is proposed for treatment under Afforestation Scheme including Raising of plantations, Soil and Moisture Conservation works and Reserve Forest Boundary Demarcation.

Certain degraded areas, comprise of Barren Hillocks are proposed for Raising of Barren Hill Afforestation plantations. Digging of Continuous Peripheral Trench all along the boundary of the degraded forest block area and other protective operations are proposed to be taken up with a twin objective of moisture conservation, improvement of existing growth and boundary demarcation. Scheme is prepared with an outlay of **Rs.324.778 Lakhs** for development of Degraded Forest area.

Accordingly, an Action Plan for raising of Compensatory Afforestation plantations in degraded forest areas of Compartment Nos.895 & 913 of Chintaguda Reserve Forest, Gangaram Range of Guduru (W.L.M.) Division is Prepared with an outlay of **Rs. 324.778 Lakhs** for raising miscellaneous Plantations and related activities.

PROJECT COST :

The total financial out lay of the project is as follows:

S.No	Scheme Proposals	Cost in Lakhs
1	Afforestation Works	126.208
2	Soil and Moisture Conservation Plan	35.580
3	Protection Measures	64.683
4	Publicity and Awareness	44.972
5	Nursery Infrastructure	20.000
6	Out Sourcing of Technical Expert / Computer Operator	24.300
7	Administrative Cost @ 5%	9.035
	Total:	324.778

LOCATION OF THE AREA PROPOSED FOR COMPENSATORY AFFORESTATION IN DEGRADED FOREST AREA:

A: The Compensatory Afforestation Scheme is aimed at improvement of the density and ultimately quality of Forests. With this in mind, degraded Forest area of Compartment Nos. 895 & 913 of Chintaguda Reserve Forest, Gangaram Range of Guduru (W.L.M.) Division is proposed for treatment. In general the above Compartment is having good degraded and coppice natural growth of Billudu, Nalla Maddi, Vepa, Tuniki, Chennangi, Kodisa, Tirumanu, etc., Natural regeneration is taking place but due to continuous biotic pressure on the land and fire it is not getting established.

It is proposed to stabilize such growth. Suitable areas were identified for treatment with appropriate interventions as the area has become degraded due to excessive biotic interference. The excess biotic interference has disturbed the ecological cycle as all the Bio-diversity including fauna and flora have been damaged to a great extent. There is every need to rehabilitate and protect the environment for the sake of Bio-diversity. Number of cattle enters into the Forests from nearby villages for grazing and uncontrolled removal of fuel wood and poles for household purposes.

LEGAL STATUS OF THE PROPOSED CA AREA:

The proposed CA areas in Compartment Nos. 895 & 913 of Chintaguda Reserve Forest, Gangaram Range of Guduru (W.L.M.) Division is notified Under Section 15 of Andhra Pradesh Forest Act, 1967 vide G.O.Ms. No.668, dt:08.07.1355F of Chintaguda Reserve Forest, Under Section 15 of Andhra Pradesh Forest Act, 1967 vide G.O.Ms.No.1711, dt:18.09.1969 and Under Section 4 of Andhra Pradesh Forest Act, 1967 vide G.O.Ms.No.84, dt:08.09.1354F respectively.

The compartment wise areas are as follows:

Sl. No.	Bit No.	Compt. No.	Reserved Forest Block	Total Area of the Block (In Ha.)	Net area proposed for treatment available (In Ha.)	Species in the area
1	1	895 & 913	Chintaguda Reserve Forest	18363.12	30.60	The area is covered with degraded coppice growth of misc. species like Billudu, Nalla Maddi, Vepa, Tuniki, Chennangi, Kodisa
				G-Total:	30.60	

Further, it is submitted that, the net area proposed for treatment is 30.60 Ha., out of that only 24.00 Ha., is feasible for planting, accordingly LIM Planting is proposed in the above areas.

The selected areas consists of gentle slopes, some are degraded plain areas with accessibility to roads and are degraded mainly due to biotic interference and are found suitable for Compensatory Afforestation. Most of these areas were retrieved from illegal

encroachers and if not immediately brought under afforestation, there is possibility of encroachment.

SOIL DESCRIPTION AND TERRAIN:

In the proposed area, the soils are eroded and are ranging from Black Soil, Sandy loam with some hillocks here and there. There are several streams and streamlets running downwards from the hillocks causing soil erosion.

FLORA AND FAUNA:

In the proposed degraded Forest area the species available are mainly degraded coppice growth of Billudu, Nalla Maddi, Vepa, Tuniki, Chennangi, Kodisa, Tirumanu, etc., The Wild animals found in the selected area (Bison), Spotted Deer, Chousingha etc.,. Thus steps such as restoration of the vegetation, provision of sufficient water sources to the wild animals, provision of fodder and legume and overall protection is proposed..

TREATMENT MODELS:

It is proposed to treat the Degraded Forest areas under the following Treatment models. It is proposed to treat the Degraded Forest areas under the following Treatment models.

- a) Model-I : Protection of Reserve Forests by Protection from Fire.
- b) Model-II: Artificial Regeneration

(i) Raising of plantations in degraded forest areas

175.00 Ha of degraded area identified in Kothaguda Gangaram Ranges of Guduru (W.L.M.) Division was proposed for taking up afforestation works.

The above Afforestation and Reforestation works shall be carried out either by involvement of VSS members or through Departmental execution.

I. Model I: Demarcation of Permanent Forest Boundaries in the form of Cattle Proof Trench (CPT) and Improvement of Soil Moisture by way of SMC works:

- a) Most of these areas identified for Compensatory Afforestation area are having good viable root stock. Offering absolute protection to these degraded areas from biotic pressure is the best course of action for developing the area into productive forests. Continuous peripheral Trench all along the boundary of the Compensatory Afforestation area is proposed to be taken up with a twin objective of moisture conservation and boundary demarcation. Wherever it is not possible to dig a trench due to striking of hard stratum of rock, it is proposed to take up stone wall with rubble masonry or Erection of chain link fence as per filed conditions and local availability of materials.
- b) Fire management will also form an important part of the forest management and stand improvement strategy. Protection of these areas from fire, grazing and illicit felling is absolutely essential to improve the stand and it is proposed to be ensured either through Vana Samrakshana Samithies (VSS) or Departmental execution. Therefore, 5mtr wide fire lines are proposed in the above identified area.
- c) Digging of Percolation Tanks wherever required in the identified degraded forest area where the existing 2nd order nallahs are there.

RAISING OF PLANTATIONS - PLANTING ON PLAINS/DEGRADED FOREST AREAS

To compensate the loss of Valuable forest growth in the Diverted Reserved forest areas, it is proposed to raise certain plantations in the degraded forest areas.

a. NON TEAK SECONDARY HARDWOOD SPECIES (NTSH) PLANTATIONS:

It is proposed to raise the above model of plantation under **Labour Intensive Method (LIM)** through intensive site preparation practices. The operations to be carried out are Survey and demarcation, clearing the miscellaneous jungle growth, Digging of Staggered contour Trenches and planting at 3 X 3 m espacement in 45 centimeter cube pits. All other cultural operations like Weeding's, Soil workings, manuring etc., will be provided for Seven years excluding raising year duly following the PCCF instructions.

II. Soil and Moisture Conservation Plan:

- (i) Construction of percolation tanks depending upon the terrain
- (ii) Provision for solar bore wells with pump facility and over head tank for providing water to the wild animals.
- (iii) Construction of Check Dams
- (iv) Construction of Rock Fill Dams
- (v) Erection of Solar Bore Well with construction of Percolation Tank

III. Protection Measures:

- (i) Purchase of Vehicles and maintenance of vehicles for patrolling in Reserve Forest areas
- (ii) Establishment of Base Camps for monitoring the DFL areas.

IV. Publicity and Awareness

- (i) Conducting of Pre-fire season workshops and awareness meetings.
- (ii) Construction of Watch Towers and Supervisory Huts
- (iii) Erection of Hoardings for awareness to public on wildlife habitats.

Administrative Costs (Over Heads)

As the work involved is a massive one and involves lot of record maintenance, book keeping and intensive mobility of the field officers, it is required to provide 10% of treatment cost towards over heads.

PROJECT COST:

The total financial out lay of the project is **Rs. 324.778 Lakhs**

The annual requirement of funds have been worked out on the base cost of 2022-23 FSR with 10% annual escalation for the remaining project period up to 2032-33.

The component wise details in brief are as follows.

S.No	Scheme Proposals	Cost in Lakhs
1	Afforestation Works	126.208
2	Soil and Moisture Conservation Plan	35.580
3	Protection Measures	64.683
4	Publicity and Awareness	44.972
5	Nursery Infrastructure	20.000
6	Out Sourcing of Technical Expert / Computer Operator	24.300
7	Administrative Cost @ 5%	9.035
	Total:	324.778


MODE OF EXECUTION:

It is proposed to implement the above proposals through VSS on Joint Forest Management concept or by Departmental execution method wherever possible. In addition to the existing staff of Forest Department with required logistic support, necessary manpower required for effective implementation of the project will be hired through outsourcing.

Digging of Peripheral trench work, SMC works and other Afforestation works are being carried out in the above said proposed degraded forest area through ongoing Schemes. Hence, left over works if any as per this scheme will be carried out in the adjoining Forest Blocks of Gangaram and Kothaguda Ranges.

Annexure:

Annexure	I	Abstract of Compensatory Afforestation Scheme in Degraded Forest Area.
Annexure	II	Year wise Estimated cost Compensatory Afforestation in Degraded Forest Area.
Annexure	III	Unit cost Data sheets


(FAC) District Forest Officer,
Mahabubabad.

Abstract of CA Scheme to restock and rejuvenate the 24.00 ha of degraded open forest land in lieu of diversion of 124.00 of forest land for diversion of GK OC Ph-II in Kothagudem Division Bhadradi Kothagudem District in favour of M/s. Singareni Collieries Company Limited

Sl. No	Scheme Proposals	Cost in Lakhs	
		Phy	Fin (Rs.in Lakhs)
1	2	51	52
I	I.Afforestation Works		
1	Rasing of nursery works	39990	25.353
2	Raising of Plantations under LIM	200	100.855
			126.207
II	II.Soil & Moisture Conservation Works		
1	Construction of Percolation Tanks	1	5.500
2	Construction of Check Dams	1	10.500
3	Construction of RFDs	10	1.100
4	Digging of borewell with solar panels	2	18.480
			35.580
III	III. Protection Measures		
1	Purchase of petrolling Vehicle for monitoring around the plantation areas along with maintenance of vehicle and wages for drivers	1	32.000
2	Establishment of two base camps to monitor the DFL area and adjoining RF areas to curb the encrochments and smugglings of forest produces etc.	1	32.683
	Sub Total:		64.683
IV	IV.Publicity And Awareness		
1	Pre-Fire Season Workshops and awareness meetings	2	0.486
2	Publicity and awarness on forest and wild life	2	0.486
3	Erection of hoardings	1	5.500
3	Construction of Watch Towers	1	22.000
4	Construction of Supervisory Huts	1	16.500
			44.972
V	V.Nursery Infrastructure		
1	Establishment of two Cetral Nursery at Kothaguda and Gangaram ranges including construction of seed stores and nursery infrastructure	1	10.000
2	Erection of solar power system at nursery site	1	10.000
			20.000
VI	VI.Out sourcing of Technical Expert / Computer Operator		
1	Engaging computer operators Division / Range Level for online programming of Project	1	24.300
		1	24.300
VII	Administrative Cost - 5%		9.035
			9.035
	Total year wise outlay of the project		324.778

(FAC) District Forest Officer
Mahabubabad

1587847/2022/O/o PRINCIPAL CHIEF CONSERVATOR OF FORESTS TELANGANA

Abstract of CA Scheme to re

Item of Work	2030-31			2031-32			2032-33			2033-34			2034-35			2035-36			Grand Total		
	Phy	Unit Cost (Rs.)	Fin (Rs.in Lakhs)	Phy	Unit Cost (Rs.)	Fin (Rs.in Lakhs)	Phy	Unit Cost (Rs.)	Fin (Rs.in Lakhs)	Phy	Unit Cost (Rs.)	Fin (Rs.in Lakhs)	Phy	Unit Cost (Rs.)	Fin (Rs.in Lakhs)	Phy	Unit Cost (Rs.)	Fin (Rs.in Lakhs)	Phy	Fin (Rs.in Lakhs)	
2	33	34	35	36	37	38	39	40	41	39	40	41	39	40	41	39	40	41	51	52	
I. Afforestation Works																					
Raising of nursery works																					
Purchase of 6X8 seedlings minimum 30 cm height seedlings																				39990	4.487
Conversion of bag plants from 6"x8" to 9"x11"																				39990	14.907
Maintenance of Bag Plants of 9"x11"																				39990	5.959
																				39990	25.353
Raising of Plantations under LIM																					
Advance Operations																				200	18.960
Raising of Plantation																				200	19.442
1st Year Maintenance																				200	11.449
2nd Year Maintenance																				200	8.026
3rd Year Maintenance																				200	8.829
4th Year Maintenance																				200	8.157
5th Year Maintenance																				200	3.369
6th Year Maintenance																				200	3.705
7th Year Maintenance	24.00	16983	4.0760				0.00	20550	0.0000											200	4.076
8th Year Maintenance		16983		24.00	18682	4.4836	0.00	20550	0.0000	0.00	22605	0.0000								200	4.484
9th Year Maintenance		16983			18682		24.00	20550	4.9320	0.00	22605	0.0000	0.00	24866	0.0000					200	4.932
10th Year Maintenance		16983			18682			20550		24.00	22605	5.4252	0.00	24866	0.0000	0.00	27352	0.0000		200	5.425
Sub Total:			4.076			4.484			4.932			5.425			0.000			0.000	200	100.855	
			4.076			4.484			4.932			5.425			0.000			0.000			126.207
II. Soil & Moisture Conservation																					
Construction of Percolation Tanks																				1	5.500
Construction of Check Dams																				1	10.500
Construction of RFDs																				10	1.100
Digging of borewell with solar panels																				2	18.480
Sub Total			0.000			0.000			0.000												35.580
III. Protection Measures																					
Purchase of petrolling Vehicle for monitoring around the plantation areas along with maintenance of vehicle and wages for drivers																				1	32.000
Establishment of one base camps to monitor the DFL area and adjoining RF areas to curb the encroachments and smugglings of forest produces																				1	32.683

1587847/2022/O/o PRINCIPAL CHIEF CONSERVATOR OF FORESTS TELANGANA

Sl. No	Item of Work	Unit	Unit Cost 2022-23 (Rs.)	2022-23			2023-24			2024-25			2025-26			2026-27			2027-28			2028-29			2029-30		
				Phy	Unit Cost (Rs.)	Fin (Rs.in Lakhs)	Phy	Unit Cost (Rs.)	Fin (Rs.in Lakhs)	Phy	Unit Cost	Fin (Rs.in Lakhs)	Phy	Unit Cost	Fin (Rs.in Lakhs)	Phy	Unit Cost (Rs.)	Fin (Rs.in Lakhs)	Phy	Unit Cost (Rs.)	Fin (Rs.in Lakhs)	Phy	Unit Cost (Rs.)	Fin (Rs.in Lakhs)	Phy	Unit Cost (Rs.)	Fin (Rs.in Lakhs)
	Sub Total				24.874			14.861			15.948			4.500			4.500			0.000			0.000			0.000	
IV	IV.Publicity And Awareness																										
1	Pre-Fire Season Workshops and awareness meetings	LS	0.20	1	0.220	0.220			1	0.266	0.266																
2	Publicity and awarness on forest and wild life	LS	0.20	1	0.220	0.220			1	0.266	0.266																
3	Erection of hoardings	LS	3.00	1	5.500	5.500		6.050	0.000	6.655	0.000		7.321	0.000													
4	Construction of Watch Towers	LS	15.00	1	22.000	22.000		24.200	0.000	26.620	0.000																
5	Construction of Supervisory Huts	LS	10.00	1	16.500	16.500		18.150	0.000																		
					44.440			0.000			0.532			0.000			0.000			0.000			0.000			0.000	
V	V.Nursery Infrastructure																										
1	Establishment of one Cetral Nursery at Kothaguda/ Gangaram ranges including construction of seed stores and nursery infrastructure	LS	10	1	10.000	10.000																					
2	Erection of solar power system at nursery site	LS	10	1	10.000	10.000																					
					20.000			0.000			0.000			0.000			0.000			0.000			0.000			0.000	
VI	VI.Out sourcing of Technical Expert / Computer Operator																										
1	Engaging computer operators Division / Range Level for online programming of Project	Nos	2.7	1	3.000	3.000	1	3.000	3.000	1	3.000	3.000	1	3.300	3.300	1	4.000	4.000	1	4.000	4.000	1	4.000	4.000	1	4.400	0.000
					3.000			3.000			3.000			3.300			4.000			4.000			4.000			0.000	
VII	VIII.Administrative Cost - 5%				3.8915			1.8681			0.7797			0.4013			0.4414			0.4079			0.1684			0.1853	
	Total year wise outlay of the project				154.035			57.091			35.853			16.227			17.770			12.565			7.537			3.891	

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Item of Work	2030-31			2031-32			2032-33			2033-34			2034-35			2035-36			Grand Total	
	Phy	Unit Cost (Rs.)	Fin (Rs.in Lakhs)	Phy	Unit Cost (Rs.)	Fin (Rs.in Lakhs)	Phy	Unit Cost (Rs.)	Fin (Rs.in Lakhs)	Phy	Unit Cost (Rs.)	Fin (Rs.in Lakhs)	Phy	Unit Cost (Rs.)	Fin (Rs.in Lakhs)	Phy	Unit Cost (Rs.)	Fin (Rs.in Lakhs)	Phy	Fin (Rs.in Lakhs)
Sub Total			0.000			0.000			0.000											64.683
IV.Publicity And Awareness																				
Pre-Fire Season Workshops and awareness meetings																			2	0.486
Publicity and awarness on forest and wild life																			2	0.486
Erection of hoardings																			1	5.500
Construction of Watch Towers																			1	22.000
Construction of Supervisory Huts																			1	16.500
			0.000			0.000			0.000											44.972
V.Nursery Infrastructure																				
Establishment of one Cetral Nursery at Kothaguda/ Gangaram ranges including construction of seed stores and nursery infrastructure																			1	10.000
Erection of solar power system at nursery site																			1	10.000
			0.000			0.000			0.000											20.000
VI.Out sourcing of Technical Expert / Computer Operator																				
Engaging computer operators Division / Range Level for online programming of Project		4.840	0.000		5.324	0.000		5.802	0.000										1	24.300
			0.000			0.000			0.000											24.300
VIII.Administrative Cost - 5%			0.2038			0.2242			0.2466			0.2168			0.0000			0.0000		9.035
Total year wise outlay of the project			4.280			4.708			5.179			5.642			0.000			0.000		324.778

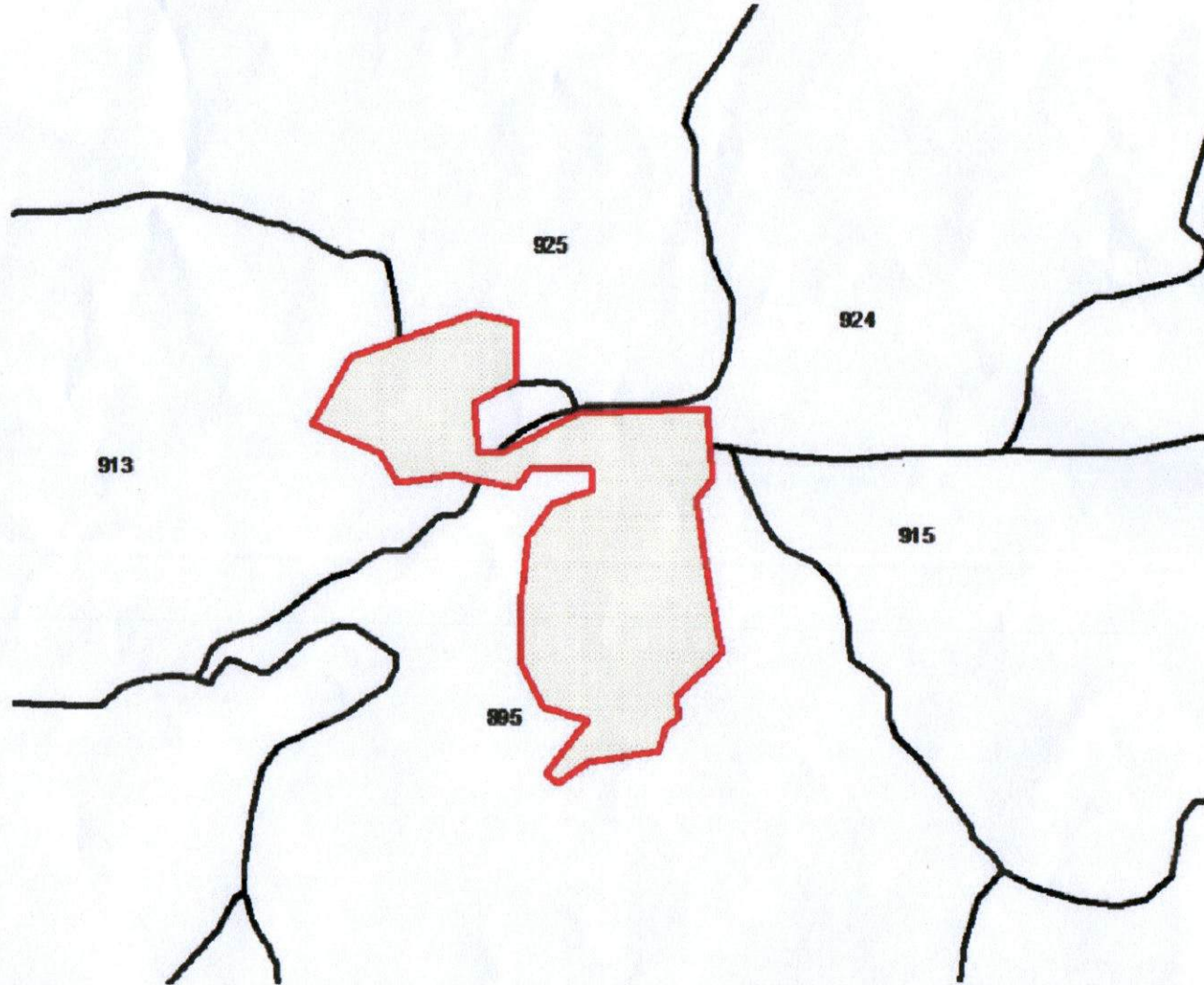
(FAC) District Forest Officer
Mahabubabad

Chief Conservator of Forests
Conservator of Forests
KOTHAGUDEM CIRCLE

Map showing the degraded open forest for DFL Planting in Gangaram Range to tune of 30.60 Ha.,



1:13353

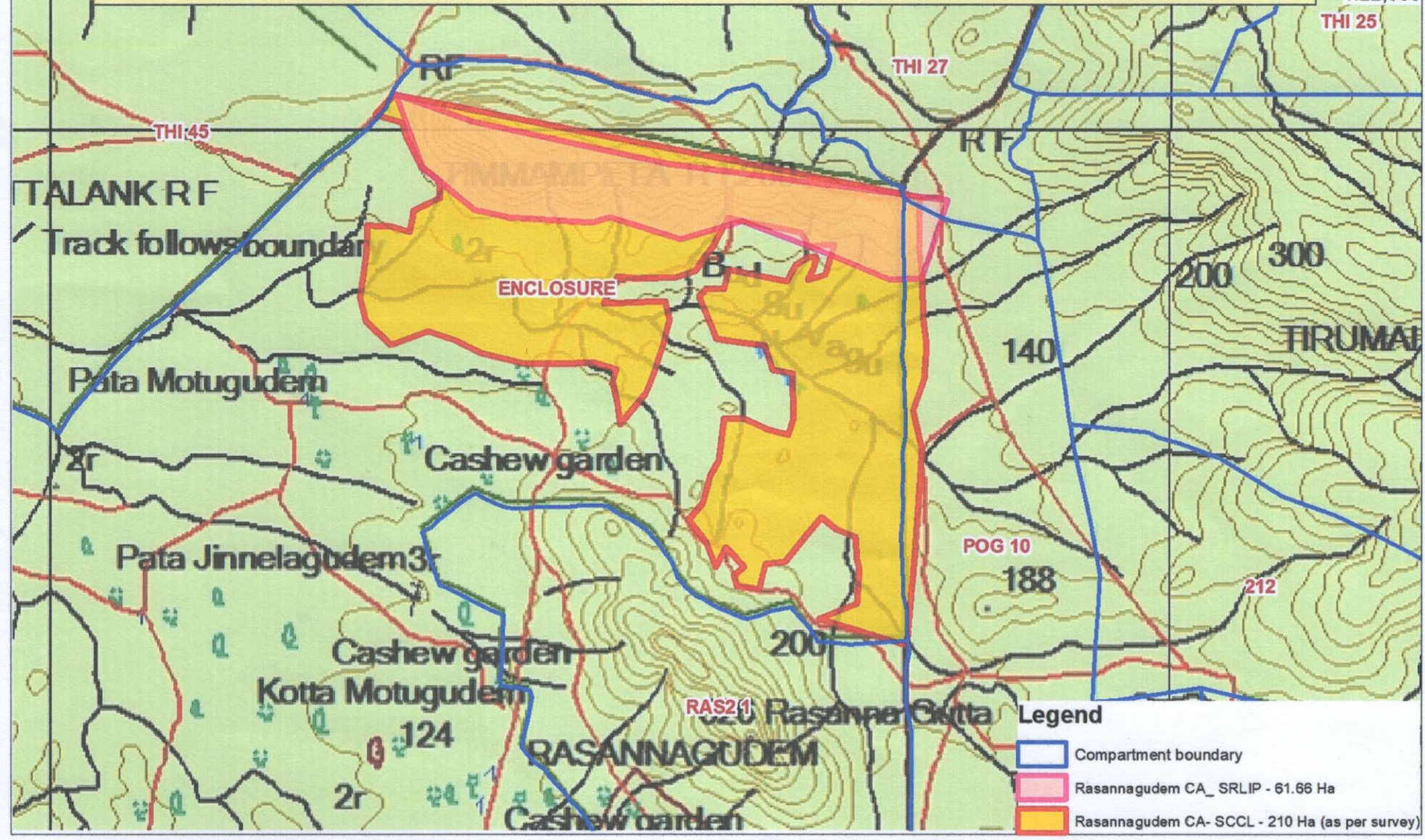


600 0 600 1200 1800 2400 Meters

DISTRICT FOREST OFFICER,
MAHABUBABAD.

Chief Conservator of Forests
Conservator of Forests
KOTHAGUDEM CIRCLE

Map showing the overlapping of CA land mutated for diversion of Forest land for SRLIP (61.66 Ha) in Sy.No.116, Rachannagudem Village of Mulakalapally Mandal with Rasannapeta-III CA land (210 Ha) of Mulakalapally Range of Paloncha Division of Bhadradi Kothagudem District



[Signature]
Forest Divisional Officer
PALONCHA