



सत्यमेव जयते

भारत सरकार
GOVERNMENT OF INDIA
पर्यावरण, वन एवं जलवायु परिवर्तन मंत्रालय
MINISTRY OF ENVIRONMENT, FORESTS & CLIMATE CHANGE
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No.4-APA018/2016-CHN/2115
Dated: 28th October 2016

✓To

The Additional Director General of Forests (FC),
Ministry of Environment, Forests & Climate Change,
Indira Paryavaran Bhawan,
Jor Bagh Road, Aliganj,
New Delhi - 110 003.

Subject:- Proposal for diversion of 469.18 Ha.of forest land in (12) RFs of Eluru Forest Division for Chintalapudi Lift Irrigation Scheme Package I & II in favour of Chief Engineer, Godavari Delta System, Dowleswaram - Proposal under Section 2 of Forest (Conservation) Act 1980 - regarding.

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Sir,

The Ministry of Environment, Forests & Climate Change (FC Division) vide letter F.No.8-38/2016-FC dated 26.09.2016 has requested this office to inspect the forest land proposed for diversion of 469.18 Ha.of forest land in (12) RF blocks of Eluru Forest Division for Chintalapudi Lift Irrigation Scheme Package I & II in favour of Chief Engineer, Godavari Delta System, Dowleswaram - Proposal under Section 2 of Forest (Conservation) Act 1980 and submit a report to the MoEF & CC, New Delhi. The Government of Andhra Pradesh has also furnished a copy of proforma proposal in the prescribed format.

The additional facts and figures, which this office has come to know and mentioned in this forwarding letter, have been gathered from various sources, such as, the proforma proposal itself, the Working Plans and the information received during the field inspection from the local forest officials as well as project authorities.

The site inspection of Reserve Forest land and Compensatory Afforestation land has been carried out by the undersigned on 16.10.2016 and 20.10.2016 respectively.

1. Introduction

A proposal for diversion of 469.18 Ha. of forest land in (12) RF blocks of Eluru Forest Division for Chintalapudi Lift Irrigation Scheme Package I & II in favour of Chief Engineer, Godavari Delta System, Dowleswaram – Proposal under Section 2 of Forest (Conservation) Act 1980 is submitted by the Government of Andhra Pradesh to the Ministry of Environment, Forests & Climate Change, New Delhi. The user agency has certified that all other alternatives for the selection of non-forest land have been explored and in unavoidable circumstances, the above forest land is proposed for diversion, which is the minimum recommended. The PCCF has stated that no violation is reported and submitted all undertakings, as required under Forest (Conservation) Act 1980. The proposal has been uploaded in the website, but under Regional Office and a request is made to correct it to be shown in HQts.

2. Location of the Project

The site of the off-take point from where the water of Godavari river is proposed to be drawn is situated at Pattiseema Village of Polavaram Mandal in West Godavari District, Andhra Pradesh on the road connecting Vijjeswaram to Polavaram (at Km. 33.500). Kovvuru town is the nearest railway station on Chennai – Kovvuru railway line at a distance of 30 Kms. Another big railway station Rajahmundry, which is situated on the other side of the river Godavari in East Godavari District.

3. Objective of the Project

This project is proposed to supply water to the upland areas in 15 Mandals of West Godavari and Krishna Districts for 2.00 lakh acres, who are presently irrigating their lands from rain fed tanks and locally drilled bore wells. This scheme also provides drinking water to a population of 6.65 lakh people and their cattle living in 160 villages.

4. Salient Features of the Project

The project consists of construction of pump house at Godavari river bank to lift water with a head of 28 mts. And runs through lead channel of 12.3 Kms. to the sump of second stage (for 56 cusecs discharge) from there water will be lifted with a static head of 80 mts. through M.S. Pressure main for 3.5 Kms. and drop into the delivery cistern and from there main canal runs for a length of 68 Kms. along with necessary distributory system to irrigate 2.00 lakh acres of upland area. The Jalleru Reservoir is a balancing reservoir proposed to be formed in between two hills at the right side of the Chintalapudi Main Canal. It is proposed to lift the water of 8.00 TMC to the above reservoir from the main canal during the rainy season for a period of 90 days. For this purpose, a third stage pump house is proposed at Km.32.975 of the main canal to lift the required discharge through the pressure main into the reservoir and again the reservoir is connected to the main canal by constructing an

OT. The project also aims at providing drinking water facilities to 6.65 lakh people and their cattle living in 160 villages.

Main components of the project are Pump Houses and Pressure Mains in three stages, Leading Channel, Main Canal, Branch Canals, Distributaries and Minors and formation of Jalleru Reservoir.

5. In Eluru Forest Division of West Godavari District Reserved Forest area, an extent of 469.18 ha is proposed to be diverted for the purpose of Chintalapudi Lift Irrigation Project. This area is in 14 patches in 12 Forest Blocks, viz., Karakapadu RF, Bedadanuru RF, Marlagudem RF, Darbhagudem RF, Yerraguntapalli RF, A.R. Palem RF, Chintalapudi RF, Singagudem RF, Bhogole RF, Ramasingavaram RF, Tadikalapudi RF and Nallajela RF. The RF blocks inspected by the undersigned on 16.10.2016 are given below: -

Sl. No.	RF Blocks	Area proposed for diversion (Ha)	Total forest area in the block (Ha)	Remarks
1.	Tadikalapudi	33.64	851.87	Dry deciduous scrub jungle with 0.3 density and has nursery.
2.	Bedadanuru	-----	5955.82	Tropical secondary dry deciduous forest with 0.3 density.
	(i) Mulagalampalli	131.11	----	There are corporation plantations present along with Bamboo plantation.
	(ii) Kamaiahpalem	4.78	----	
3.	Marlagudem	17.26	870.08	Old Tamarindus tress and eucalyptus plantations.
4.	Karakapadu	65.14	649.12	Tropical secondary dry deciduous forests with density 0.6.
	TOTAL	251.93		

Note: There are quite a good chunk of plantations raised by AP Forest Development Corporation, for which compensation is proposed and is included in the estimates.

6. Remarks and Recommendations of Additional PCCF (Central)

- (i) In view of the irrigation potential proposed to be created, the diversion proposal is recommended. The forest are proposed is mostly either of plantations, as mentioned above and dry deciduous scrub with the average density of 0.3 with the exception at Karakapadu, which is relatively good forest area with density at 0.6
- (ii) The main canal and other distributaries are criss-crossing the area and care should be taken to provide outlets for natural drains, as per the watershed maps available in the Forest Department offices.
- (iii) The State Government vide their proposal at page 263 has mentioned that out of 508.39 ha CA area proposed, 108.39 ha. is rocky patch, which is not suitable for planting. The same may be examined and alternative, as proposed in next paragraph - 7, may be provided.
- (iv) The department may justify whether the chain link fencing proposed only for the part of the periphery of the area is sufficient to safeguard the future plantations.

The floristic composition

The species found are *Terminalia tomentosa*, *Lagerstroemia lanceolata*, *Lannea coromandelica*, *Garuga pinnata*, *Chloroxylon sweitenia*, *Hardwickia binata*, *Acacia sundra*, *Acacia Leucophloea*, *Albizia amara*, *Dalbergia paniculata*, *Mimosops hexandra*, *Diospyros melanexylon*, *Azadirachta indica*, *Erythroxylum monogynum*, *Sapindus emarginatus*, *Strychnos nux-vomica* and *Bauhinia racemosa*.

Fauna

Lepous negricolis (Hare / Kundelu), *Presbytis entellus* (Langur / Kondamuchu), *Macaca mulatta* (Kothi) and *Axis axis* (Spotted Deer).

CA areas identified

(a) Jagannathapuram	-	40.49 ha.
(b) Chakkipally	-	60.82 ha.
(c) Thumnapala	-	202.63 ha.
(d) Ugginapalem	-	204.45 ha.

Total	-	508.39 ha.

7. The Compensatory Afforestation.

The CA areas proposed were inspected on 20.10.2016, as below: -

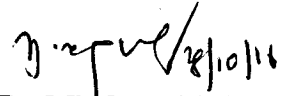
Sl.No.	Range	Non-forest area location	Sy.No.	Area in ha.	Remarks
1.	Visakhapatnam	Jagannathapuram	50	40.49	Hill top with some vegetation like <i>Azadirachta indica</i> , <i>Wrightia tinctoria</i> , <i>Acacia nilotica</i> , etc.
2.	Chodavaram	Chakipally	329	60.82	-do -
3.	Visakhapatnam	Thumnapala	360	202.63	Hilly with vegetation.

The State Government vide their proposal at page 263 has mentioned that out of 508.39 ha. of CA area proposed, an area of 108.39 ha. is rocky patch and not suitable for plantations. The same issue was raised with the user agency and the Sub-DFO accompanied to the field visit. The user agency has agreed to provide alternate land at Rayapirejupeta, adjacent to Nallakonda RF in Visakhapatnam range. The same may be confirmed at the earliest through the State Government. Besides, the chain link fence proposed only for the part of periphery may be sufficient to prevent encroachments from local villagers, but may not ensure success of the CA plantation in future.

Photographs of RF blocks and CA areas inspected are enclosed at Annexure - I and II respectively.

Submitted for favour of perusal and further necessary action.

Yours faithfully,



(Dr. MRG Reddy)
Additional PCCF (Central)



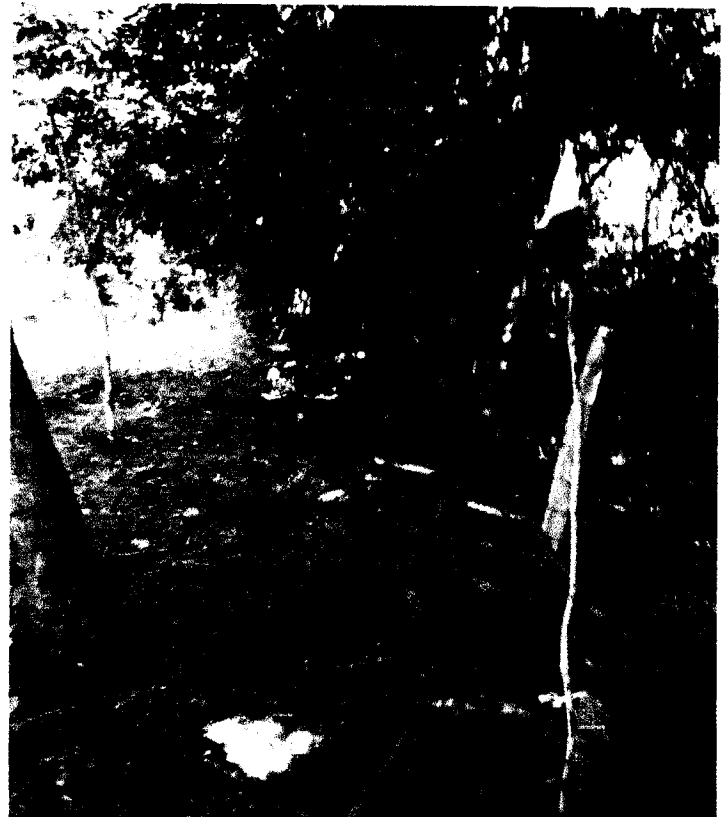
**Eluru Range : Eluru Section : Tadikalapudi Beat :
Compt no.207
ID No.48, Left Stone 16.300
GPS 16.9304050N – 81.1970210E**



**Eluru Range : Eluru Section : Tadikalapudi Beat :
Compt no.207
ID No.49, Right Stone 16.300
GPS 16.197316N– 81.9304058E**



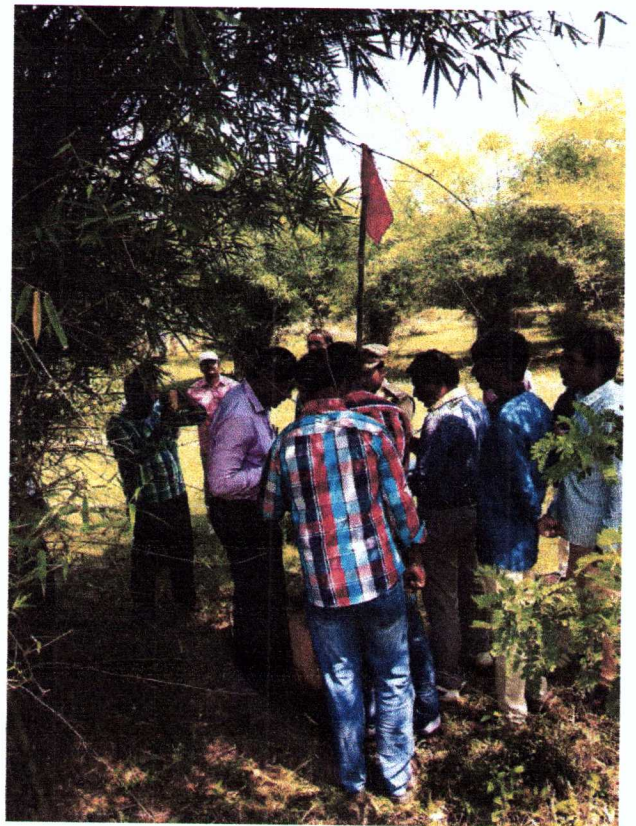
**SF Eluru Range : Eluru Section : Tadikalapudi
Beat : Compt no.207
ID No.1044, Left Stone 16.100
GPS 16.9286839N– 81.1966614E**



**SF Eluru Range : Eluru Section : Tadikalapudi
Beat : Compt no.207
ID No.1044, Right Stone 16.100
GPS 16.9285999N– 81.19695540E**



JANGAREDDYGUEM Range : Mulagalampalli
Section : Mulagalampalli Beat : Compt no.156
Vegetation: 1973 Bamboo Plantation
ID No.835, Right Stone 30.900
GPS 17.2122396 N– 81.2388851E



JANGAREDDYGUEM Range : Mulagalampalli
Section : Mulagalampalli Beat : Compt no.156
Vegetation: 1973 Bamboo Plantation
ID No452, Left Stone 30.900
GPS 17.2113874N – 81.2389255E



JANGAREDDYGUEM Range : Mulagalampalli
Section : Mulagalampalli Beat : Compt no.156
Vegetation: 1973 Bamboo Plantation
ID No.551, Left Stone 30.800
GPS 17.21196165N– 81.23987238E



JANGAREDDYGUDEM Range : Mulagalampalli
Section : Mulagalampalli Beat : Compt no.156
Vegetation: 1973 Bamboo Plantation
ID No.567, Right Stone 30.800
GPS 17.213353N– 81.81.239824E



JANGAREDDYGUDEM Range : Mulagalampalli
Section : Mulagalampalli Beat : Compt no.156
Vegetation: 1973 Bamboo Plantation
ID No.43, Left Stone 1.700
GPS 17.221680N– 81.235568E



APFDC Point
JANGAREDDYGUDEM Range : Mulagalampalli
Section : Mulagalampalli Beat : Compt no.156
Vegetation: 2003 EP
ID No.48, Right Stone 1.600
GPS 17.224954N– 81.23508614E



JANGAREDDYGUDEM Range : JRGudem
Section : Marlagudem Beat : Compt no.134
Vegetation: 2003 EP
ID No.712, Left Stone 1.250
GPS 17.17961360N– 81.30222439E



**JANGAREDDYGUDEM Range : JRGudem
Section : Marlagudem Beat : Compt no.134
Vegetation: 2003 EP
ID No.838, Right Stone 1.250
GPS 17.17991493N– 81.30201893E**



**KANNAPURAM Range :
LND PETA Section : KARAKAPADU Beat :
Compt no.107 Vegetation: Natural Forests ID No.R1,
Right Stone 2.800
GPS 17.1665480N– 81.5063370E**



**KANNAPURAM Range :
LND PETA Section : KARAKAPADU Beat :
Compt no.107 Vegetation: Natural Forests ID No.L1,
Left Stone 2.800
GPS 17.16640230N– 81.505406E**



**KANNAPURAM Range :
LND PETA Section : KARAKAPADU Beat :
Compt no.107 Vegetation: Natural Forests ID
No.R18, Right Stone 1.350
GPS 17.18162533N– 81.47700667E**



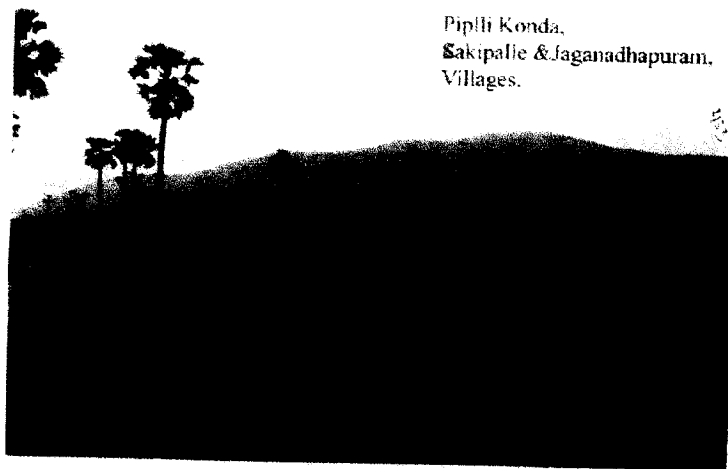
**KANNAPURAM Range :
LND PETA Section : KARAKAPADU Beat :
Compt no.106 Vegetation: Natural Forests ID
No.R18, Left Stone 1.350
GPS 17.17937081 N– 81.47689052 E**

ANNEXURE -II

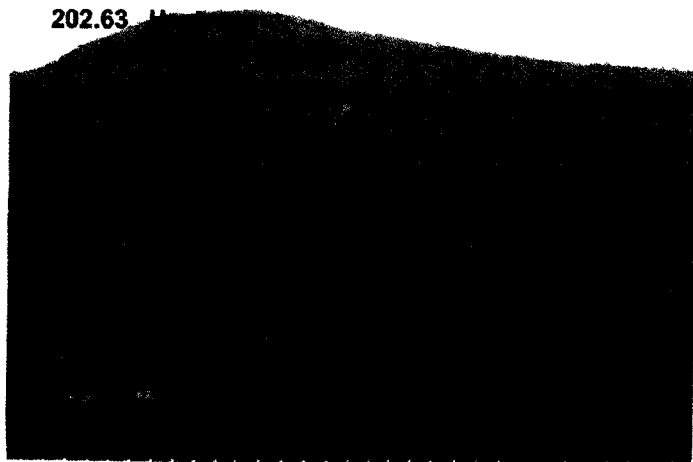
Pipli Konda of Jaganadhapuram Village
40.49 Hectares



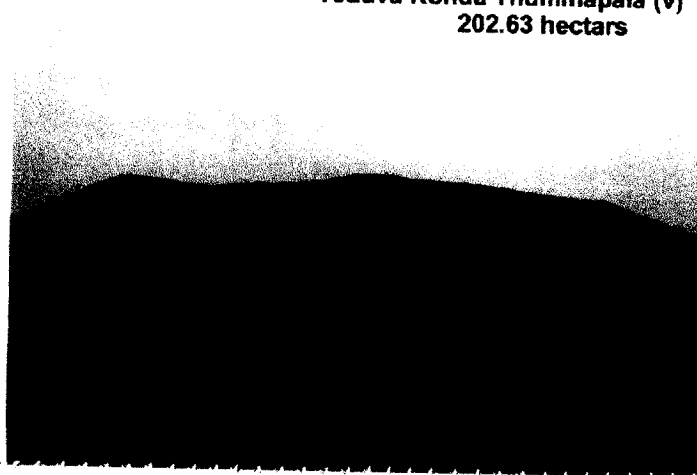
Pipli Konda,
 Sakipalle & Jaganadhapuram,
 Villages.



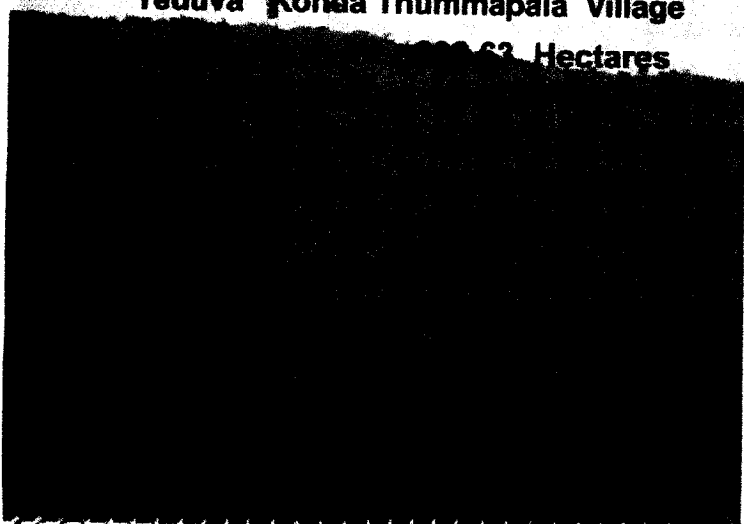
Yeduva konda Thummapala village
202.63 Hectares

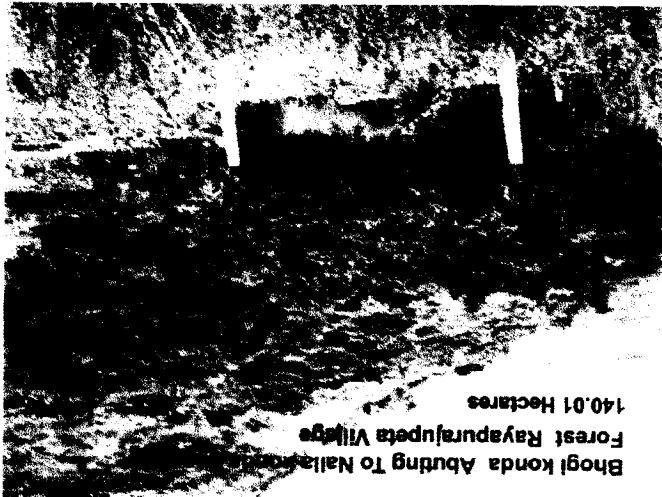


Yeduva Konda Thummapala (v)
202.63 hectars

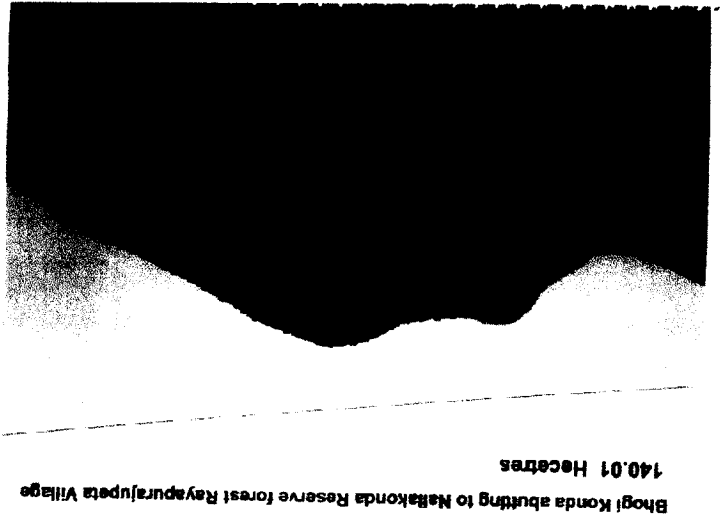


Yeduva Konda Thummapala Village
202.63 Hectares

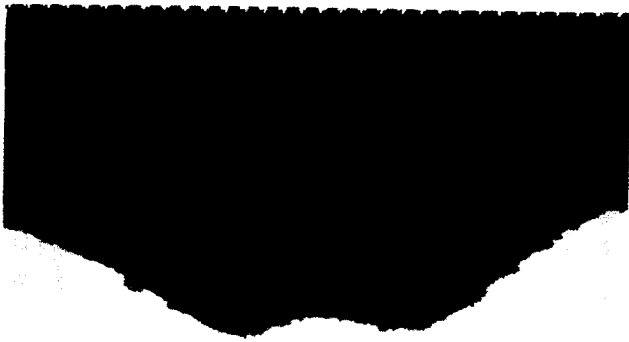




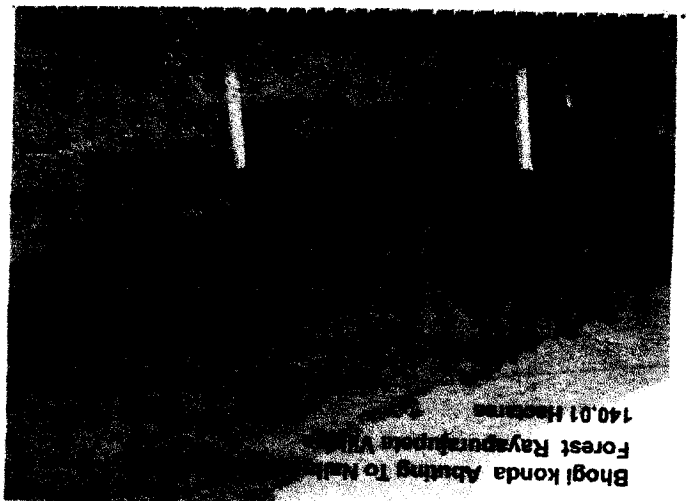
Bhogi konda Abutting To Nalla konda
Forest Rayapurajupeta Village
140.01 Hectares



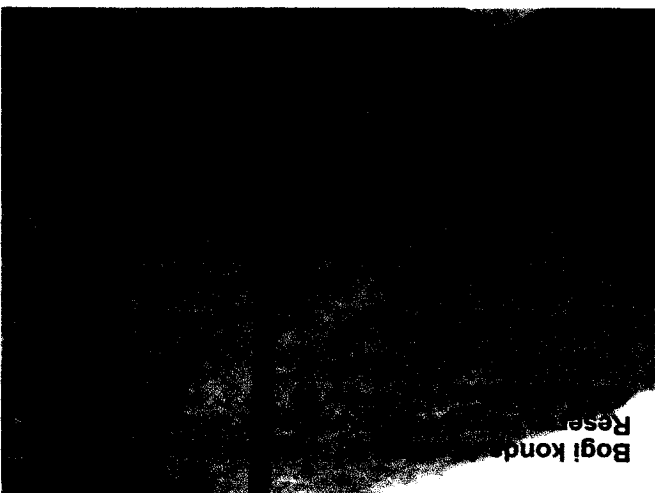
Bhogi Konda abutting to Nalla konda Reserve forest Rayapurajupeta Village
140.01 Hectares



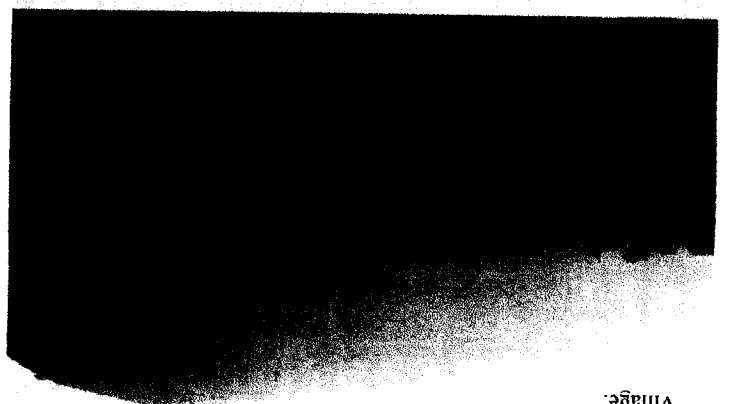
Bhogi Konda Abutting to Nalla Konda of Reserve Forest Rayapurajupeta Village
140.01 Hectares



Bhogi konda Abutting To Nalla
Forest Rayapurajupeta Village
140.01 Hectares



Bogi konda
Reserve



Killadi Konda.
Ugginapalam.
Village.