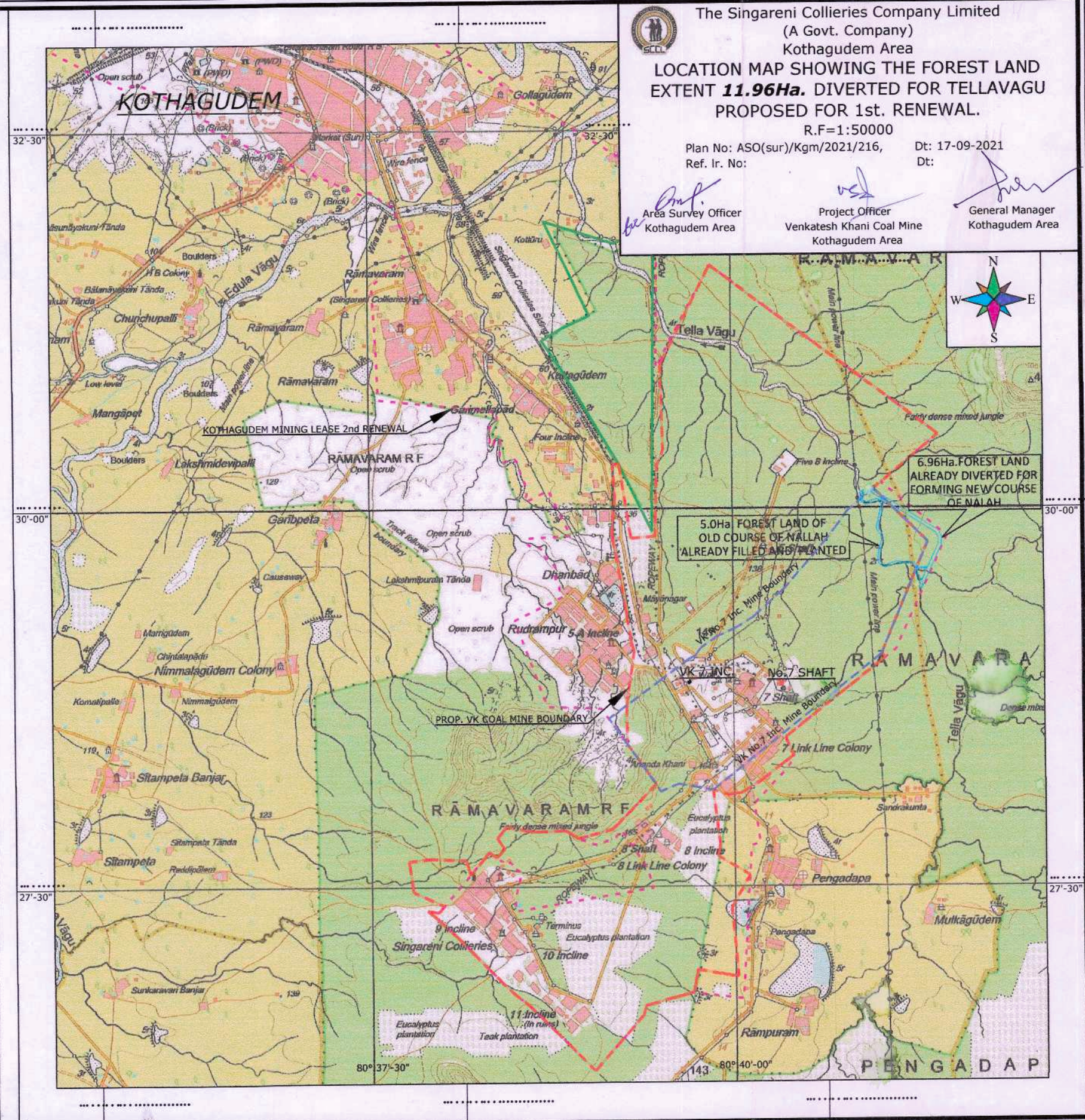
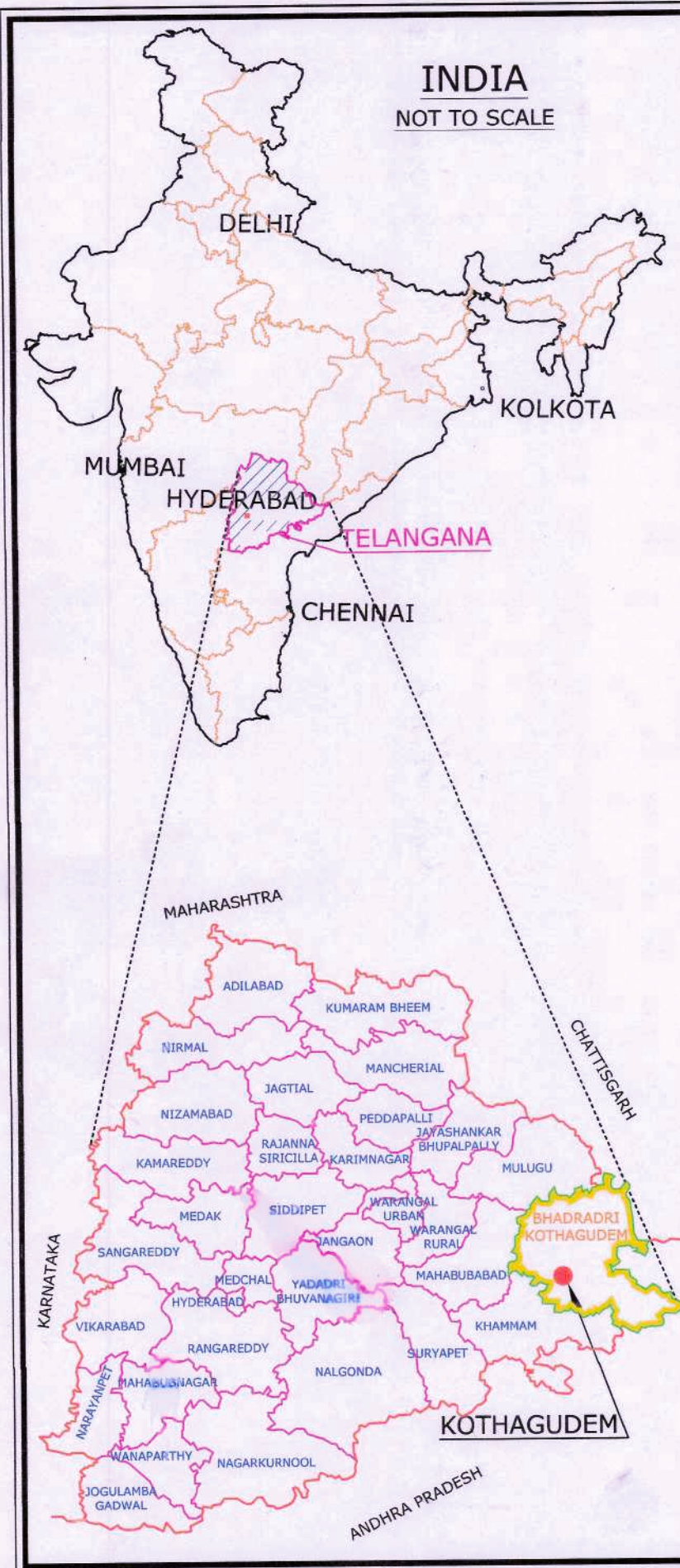






OPEN SERIES
MAP

No. E44O10

MAP

No. E44O11

Scale 1:50,000

E44O6 (65C/6)	E44O10 (65C/10)	E44O14 (65C/14)
E44O7 (65C/7)	E44O11 (65C/11) Khammam ANDHRA PRADESH	E44O15 (65C/15)
E44O8 (65C/8)	E44O12 (65C/12)	E44O16 (65C/16)

1 Warangal, ANDHRA PRADESH.
2 Krishna, ANDHRA PRADESH.
3 West Godavari, ANDHRA PRADESH.

भारतीय सर्वेक्षण विभाग

SURVEY OF INDIA

1st Edition 2011.

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CONVENTIONAL SYMBOLS

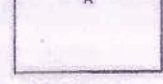
Express highway: with toll, with bridge, with distance stone	
Roads, metalled: according to importance	
Roads, double carriageway: according to importance	
Unmetalled road: Cut-back, Pack-track with pass, Foot-path	
Streams: with track in bed, undrained, Canal	
Dam: masonry or rock-filled, earthwork, Well	
River: dry with water channel, with island & rocks, Tidal river	
Submerged roads, Shool, Swamp, Roads	
Wells: lined, unlined, Tube-well, Spring, Tank: perennial, dry	
Embankments: road or rail tank, Broken ground	
Railways: broad gauge, double, single with station, under constr.	
Railways, other gauges: double, single with distance stone, etc.	
Mineral line or tramway, Rtn. Cutting with tunnel	
Gullies with sub-features, Rocky slopes, Cliffs	
Sand features: (1) Shal. (2) Sand-hill (3) Sandstone, (4) Sandstone (5) Shal.	
Towns or Villages: inhabited, deserted, Fort	
Huts, permanent, temporary, Tower, Antiquities	
Temple, Chhatra, Church, Mosque, Ghat, Tank, Graves	
Lighthouse, Lightship, Bury: lighted, unlighted, Anchorage	
Mine: Veta on trail, Grass, Scrub	
Palms: palmyra, other, Plain, Conifer, Bamboo, Other trees	
Boundaries: cultivated, wooded, Surveyed trees	
State, international, undetermined	
Boundary pillars: surveyed, uncoloured	
Height, triangulation: station, point, approximate	
Spot-height: geodetic, barometric, aneroid	
Post office, Telegraph office, Overhead tank	
Rest house or inspection bungalow, Circuit house, Police station, etc.	
Camping ground, Forest: reserved, protected	
Special reserve: administrative, locality or tribal	
Hospital, Dispensary, Veterinary Hospital, Dispensary	
Aerodrome, Helipad, Tourist site	
Power line: with pylons surveyed, with poles unsurveyed	

NOTES:-

Contours are approximate.
Heights are in metres and above Indian mean sea level.
A relative height, e.g., 3, represents the approximate height, in metres, between the top and bottom of a steep slope.
Unmetalled roads in this sheet are generally metalled and cart-tracks (except in dry season).
The major administrative boundaries of districts in Andhra Pradesh State are called 'Mardala' and their boundaries are shown by thick black lines.
The railway line in squares D1 and E1 is owned and operated by Singareni Collieries for transport of coal.
The triangulation heights and contours in this sheet have not been adjusted to the heights of the retriangulated bench-marks and may not be strictly in accordance with them.

COMPILATION INDEX

A Compiled from 1:25,000 survey, 1953-54. Updated for major details during 2005-06.



Projection - UTM Datum - WGS 84

Magnetic Variation from True North about 1 1/2° West in 2005.
(Annual change negligible).

Scale 1:50,000
500 m to 1 cm
2 km to 1 in
3 Kilometres

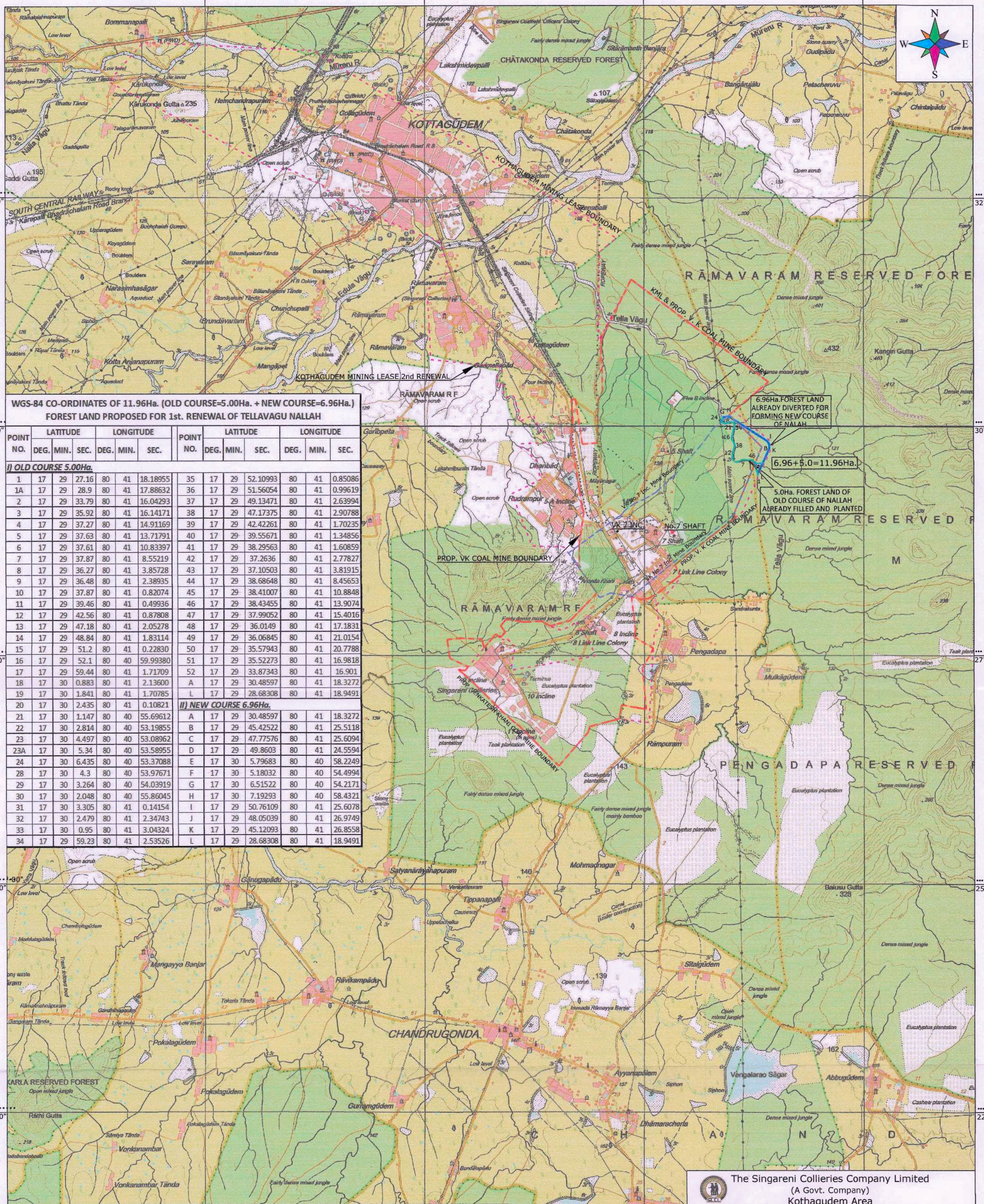
CONTOUR INTERVAL 20 METRES

For further details about this map, please contact
Director
Andhra Pradesh Geo-Spatial Data Centre
Survey of India, Uppal
Hyderabad.

WEBSITE - www.surveyofindia.gov.in

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WGS-84 CO-ORDINATES OF 11.96Ha. (OLD COURSE=5.00Ha. + NEW COURSE=6.96Ha.)
FOREST LAND PROPOSED FOR 1st. RENEWAL OF TELLAVAGU NALLAH

POINT NO.	LATITUDE			LONGITUDE			POINT NO.	LATITUDE			LONGITUDE		
	DEG.	MIN.	SEC.	DEG.	MIN.	SEC.		DEG.	MIN.	SEC.	DEG.	MIN.	SEC.
I) OLD COURSE 5.00Ha.													
1	17	29	27.16	80	41	18.18955	35	17	29	52.10993	80	41	0.85086
1A	17	29	28.9	80	41	17.88632	36	17	29	51.56054	80	41	0.99619
2	17	29	33.79	80	41	16.04293	37	17	29	49.13471	80	41	2.63994
3	17	29	35.92	80	41	16.14171	38	17	29	47.17375	80	41	2.90788
4	17	29	37.27	80	41	14.91169	39	17	29	42.42261	80	41	1.70235
5	17	29	37.63	80	41	13.71791	40	17	29	39.55671	80	41	1.34856
6	17	29	37.61	80	41	10.83397	41	17	29	38.29563	80	41	1.60859
7	17	29	37.87	80	41	8.55219	42	17	29	37.2636	80	41	2.77827
8	17	29	36.27	80	41	3.85728	43	17	29	37.10503	80	41	3.81915
9	17	29	36.48	80	41	2.38935	44	17	29	38.68648	80	41	8.45653
10	17	29	37.87	80	41	0.82074	45	17	29	38.41007	80	41	10.8848
11	17	29	39.46	80	41	0.49936	46	17	29	38.43455	80	41	13.9074
12	17	29	42.56	80	41	0.87808	47	17	29	37.99052	80	41	15.4016
13	17	29	47.18	80	41	2.05278	48	17	29	36.0149	80	41	17.1831
14	17	29	48.84	80	41	1.83114	49	17	29	36.06845	80	41	21.0154
15	17	29	51.2	80	41	0.22830	50	17	29	35.57943	80	41	20.7788
16	17	29	52.1	80	40	59.99380	51	17	29	35.52273	80	41	16.9818
17	29	59.44	80	41	1.71709		52	17	29	33.87343	80	41	16.901
18	17	30	0.883	80	41	2.13600	A	17	29	30.48597	80	41	18.3272
19	17	30	1.841	80	41	1.70785	L	17	29	28.68308	80	41	18.9491
20	17	30	2.435	80	41	0.10821	II) NEW COURSE 6.96Ha.						
21	17	30	1.147	80	40	55.69612	A	17	29	30.48597	80	41	18.3272
22	17	30	2.814	80	40	53.19855	B	17	29	45.42522	80	41	25.5118
23	17	30	4.497	80	40	53.08962	C	17	29	47.77576	80	41	25.6094
23A	17	30	5.34	80	40	53.58955	D	17	29	49.8603	80	41	24.5594
24	17	30	6.435	80	40	53.37088	E	17	30	5.79683	80	40	58.2249
28	17	30	4.3	80	40	53.97671	F	17	30	5.18032	80	40	54.4994
29	17	30	3.264	80	40	54.03919	G	17	30	6.51522	80	40	54.2171
30	17	30	2.048	80	40	55.86045	H	17	30	7.19293	80	40	58.4321
31	17	30	3.305	80	41	0.14154	I	17	29	50.76109	80	41	25.6078
32	17	30	2.479	80	41	2.34743	J	17	29	48.05039	80	41	26.9749
33	17	30	0.95	80	41	3.04324	K	17	29	45.12093	80	41	26.8558
34	17	29	59.23	80	41	2.53526	L	17	29	28.68308	80	41	18.9491

INDEX

1. PROP. VENKATESH KHANI COAL MINE BOUNDARY (2403.17Ha.) SHOWN THUS.	
2. 649.3014Ha. OF FOREST LAND APPLIED FOR DIVERSION FOR PROP. V.K COAL MINE SHOWN THUS.	
3. V.K No.7 INCLINE MINE BOUNDARY SHOWN THUS.	
4. 2nd RENEWAL OF KOTHAGUDEM MINING LEASE BOUNDARY SHOWN THUS.	
5. 11.96Ha. OF DIVERTED FOREST LAND PROPOSED FOR 1st RENEWAL SHOWN THUS.	



The Singareni Collieries Company Limited
(A Govt. Company)
Kothagudem Area
PART TOPO GRAPHICAL MAP OF E44010 & E44011
SHOWING 11.96Ha. OF FOREST LAND FOR 1st.RENEWAL
FOR THE PURPOSE OF TELLAVAGU AT VK-7 INCLINE.
R.F=1:50000

Plan No: ASO(SUR)/Kgm/2021/217,
Ref. Ir. No:

Dt:
Dt:

Area Survey Officer
Kothagudem Area
Project Officer
Venkatesh Khani Coal Mine
Kothagudem Area
General Manager
Kothagudem Area