

**TOPO MAP SHOWING COMPENSATORY AFFORESTATION AREA IN VILLAGE: KESRIJIMA & RAICHAUN , TAHASIL: HEMGIR ,
DISTRICT: SUNDARGARH IN LIEU OF FOREST AREA OVER 342.87 HA PROPOSED FOR DIVERSION FOR DIPSIDE MANOHARPUR
COAL MINE OF M/s ODISHA COAL AND POWER LIMITED.
(TOPO SHEET NO:F44R9)**



No.F44R9

Scale 1:50,000

The map shows the Eastern United States divided into FEMA Region I (orange) and Region II (green). Region I includes sub-regions F44L8 (SAC/8), F44R5 (SAC/5), and F44R6 (SAC/6). Region II includes sub-regions F44L12 (SAC/12), F44R9 (SAC/9), F44L16 (SAC/16), F44R13 (SAC/13), F44R10 (SAC/10), and F44R14 (SAC/14). The map also shows the locations of the Regional Emergency Management Centers (EMCs) for each sub-region.

1. Joseph C. Brown, CHM 7730248-1.

भारतीय सर्वेक्षण विभाग SURVEY OF INDIA

भारतीय सर्वेक्षण विभाग SURVEY OF INDIA

Net Sales 2008	Price : Rs. 100/-
----------------	-------------------

Net Sales 2008	Price : Rs. 100/-
----------------	-------------------

CONVENTIONAL SYMBOLS

[illegible]

REFERENCES	
(198) Public Works Department	(207) Ministry Health, London

REFERENCES	
(198) Public Works Department	(207) Ministry Health, London

NOTES: 1-

[illegible]

business, trade and non-trade, in this class, are generally restricted to any amount based upon a person's net worth.

business, trade and non-trade, in this class, are generally restricted to any amount based upon a person's net worth.

Projection - UTM Datum - WGS 84

Projection - UTM Datum - WGS 84
Magnetic Variation from True North about $\frac{1}{2}^{\circ}$ West in 2005
(Determined by use of a compass)

1:50,000

1:50,000

Range Officer
Hemgir Range

Range Officer
Hemgir Range

Divisional Forest Officer
Sunderbani Forest Division

Range Officer
Hemgir Range

Range Officer
Hemgir Range

Range Officer
Hemgir Range

**TOPO MAP SHOWING COMPENSATORY AFFORESTATION AREA OF IN VILLAGE: BENDRICHUAN , TAHASIL:HEMGIRI ,
DISTRICT: SUNDARGARH IN LIEU OF FOREST AREA OVER 342.87 HA PROPOSED FOR DIVERSION FOR DIPSIDE MANOHARPUR
COAL MINE OF M/s ODISHA COAL AND POWER LIMITED.
(TOPO SHEET NO:F45R13)**



**OPEN SERIES
MAP**

No. F44R13

Scale 1:50,000

F44L12	F44L16	F45G4
F44R9	F44R13	F45M1
F44R10	F44R14	F45M2

सर्वेक्षण विभाग
SURVEY OF INDIA

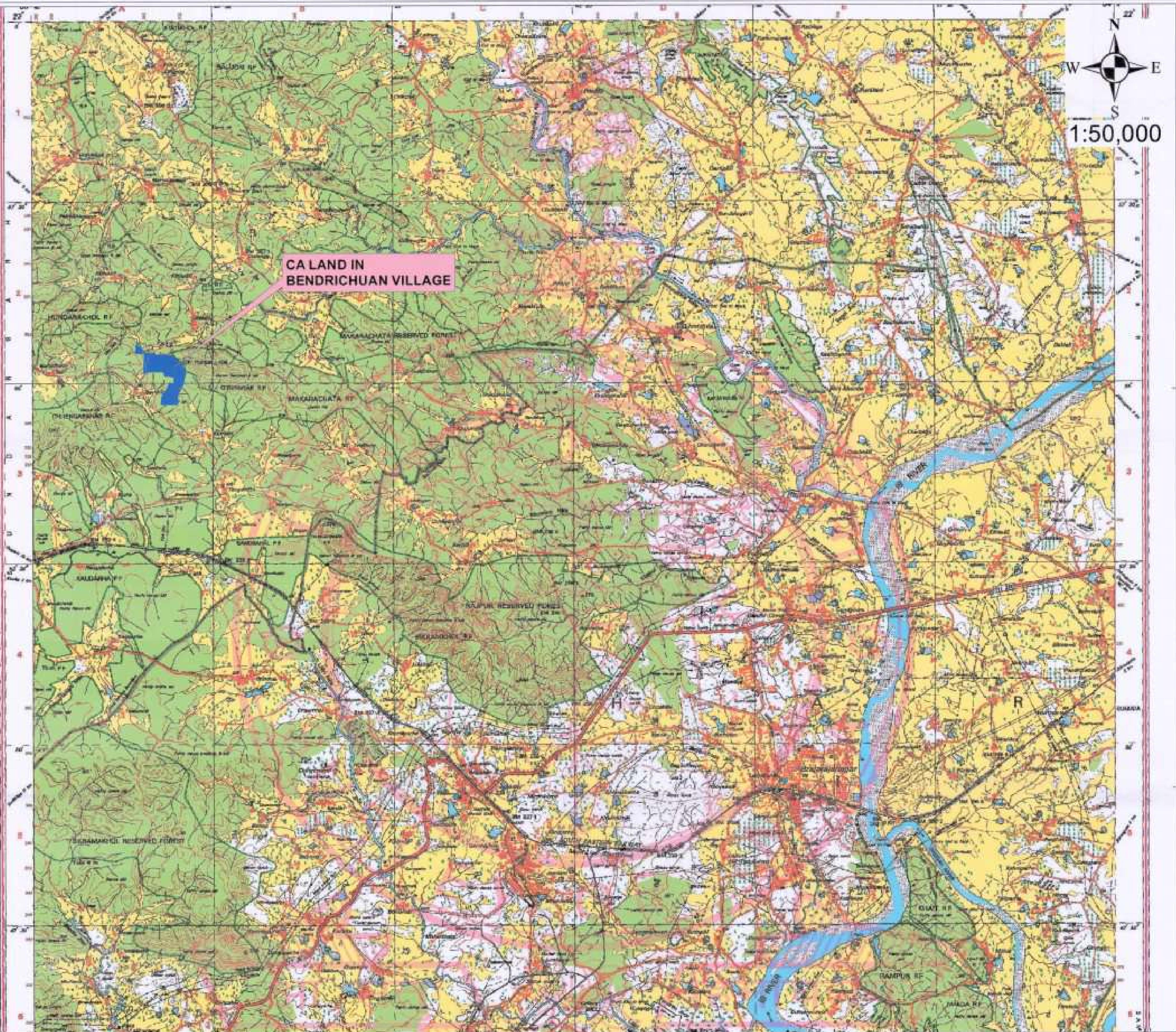
CONVENTIONAL SYMBOLS

REMARKS

NOTES

PROJECTION - UTM Datum - WGS 84

Scale 1:50,000




 Manager (Survey)
 Odisha Coal and Power Ltd.


 Addl. General Manager (Mines)
 Odisha Coal and Power Ltd.


 Range Officer
 Himgir Range


 Tahasil Hemgiri
 Divisional Forest Officer
 Sundargarh Forest Division


 Addl. General Manager (Mines)
 Odisha Coal and Power Ltd.

OPEN SERIES MAP

No. F44L12

Scale 1:50,000

CONVENTIONAL SYMBOLS

LEGEND

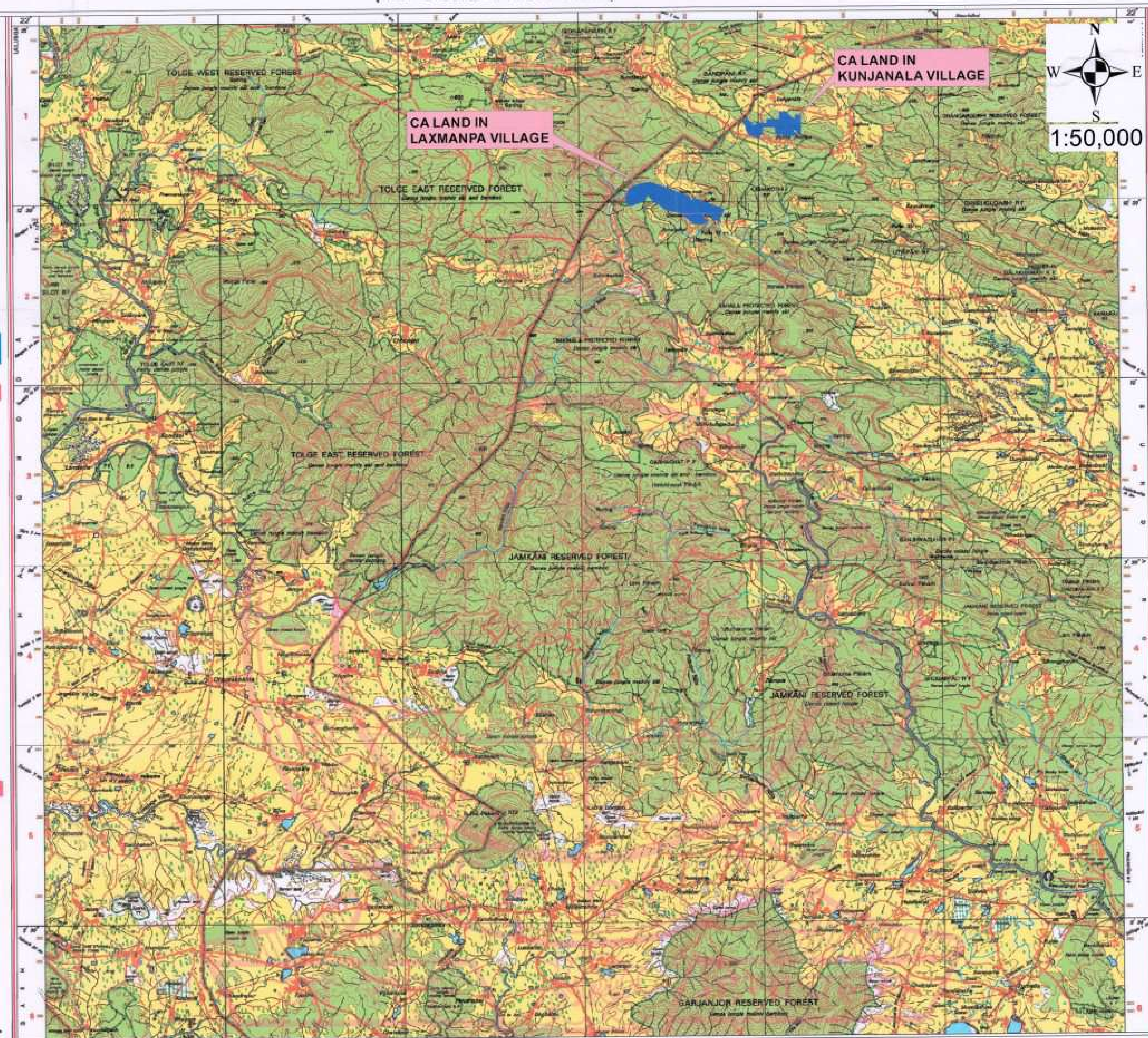
NOTE

EXPLANATION

Projection - UTM **Datum - WGS 84**

Magnetic Variation from True North about 1° West in 2000.
(Increasing by about 1° annually)

Scale 1:50,000



Kaddy
Add. General Manager (Mining)
Colaba Coal and Power Ltd.

Divisional Forest Officer
Sundargarh Forest Division

Manager (Survey)
Odisha Coal and Power Ltd.

Adm. General Manager, N.Y.
Edison Coal and Power

Adl. Tehsildar
Lephrigara

Range Officer
Lohripala Range

**TOPO MAP SHOWING COMPENSATORY AFFORESTATION AREA OF IN VILLAGE: GALEIBAHAL AND ALUDEGA , TAHASIL: BADGAON ,
DISTRICT: SUNDARGARH IN LIEU OF FOREST AREA OVER 342.87 HA PROPOSED FOR DIVERSION FOR DIPSIDE MANOHARPUR
COAL MINE OF M/s ODISHA COAL AND POWER LIMITED.
(TOPO SHEET NO:F45G7)**

No. F45G7

Scale 1:50,000



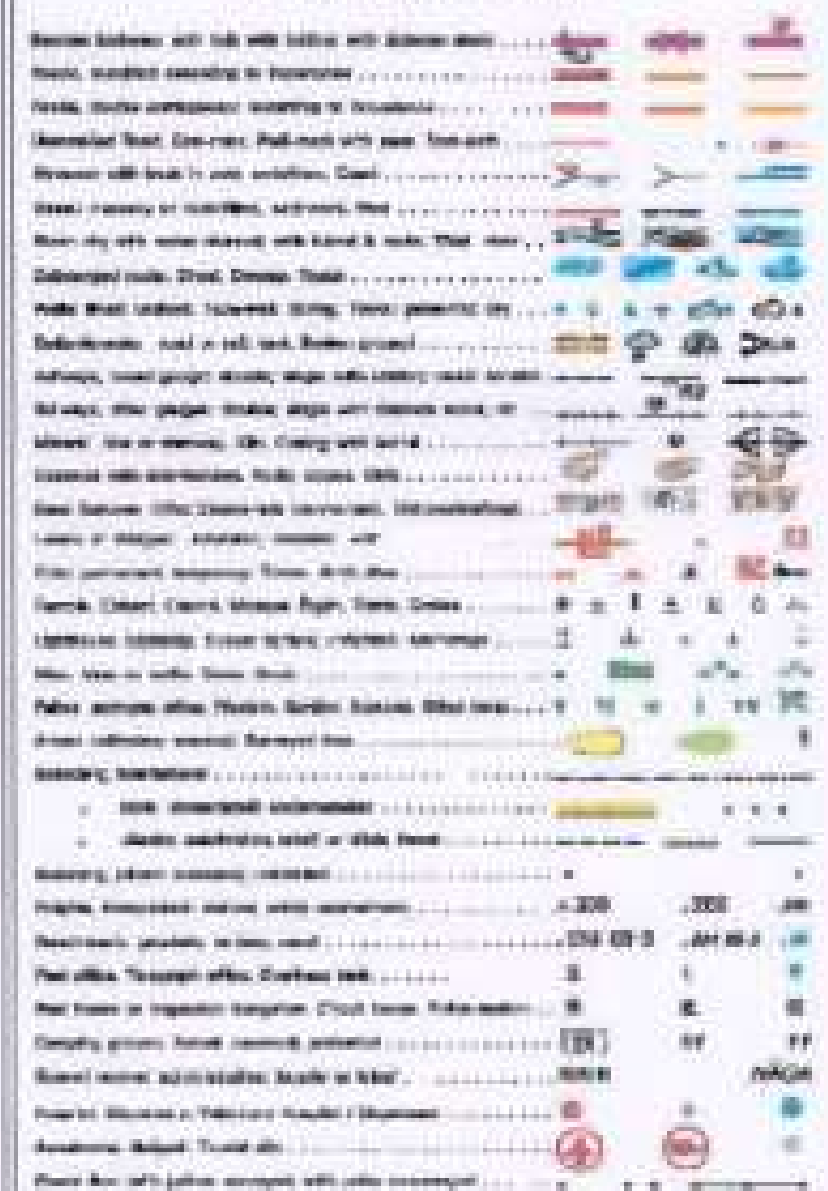
1 Sheet, JHARKHAND.

भारतीय सर्वेक्षण विभाग SURVEY OF INDIA

सं. १०००००

पत्रा : १०, १००००

CONVENTIONAL SYMBOLS



NOTES -

1. The map is a reproduction of the original map and is not a final map.
2. The map is a reproduction of the original map and is not a final map.
3. The map is a reproduction of the original map and is not a final map.
4. The map is a reproduction of the original map and is not a final map.
5. The map is a reproduction of the original map and is not a final map.

COMPILED BY

1. Compiled by: [Name]
2. Compiled by: [Name]
3. Compiled by: [Name]

Projection - UTM Datum - WGS 84

Map scale 1:50,000

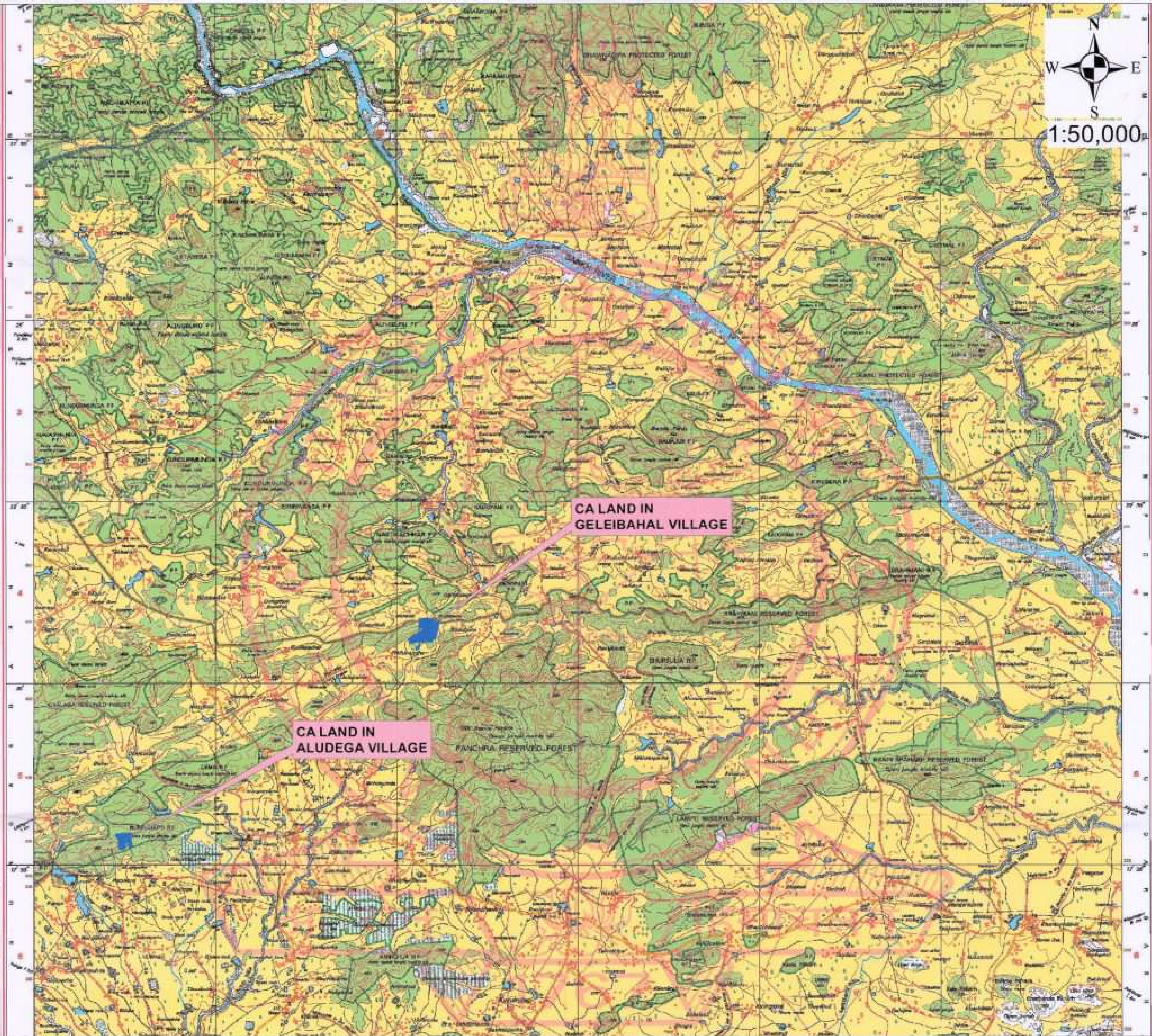


For further details, please refer to the map.

Director

Joint Director, Survey of India, Dehra Dun

March - 2010



Addl. General Manager (Mines)
Odisha Coal and Power Ltd.

Divisional Forest Officer
Sundargarh Forest Division

Manager (Survey)
Odisha Coal and Power Ltd.

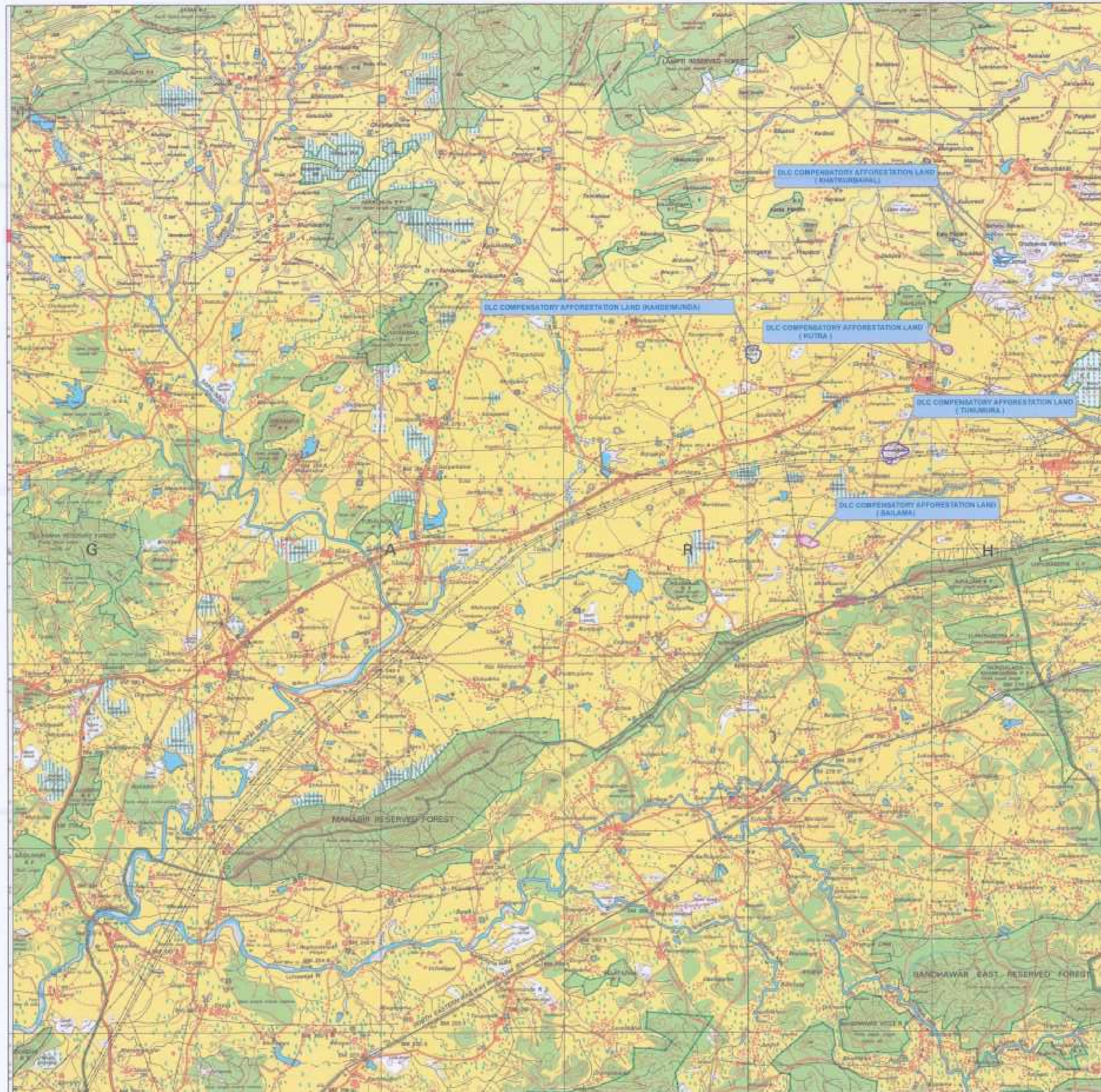
Addl. General Manager (Mines)
Odisha Coal and Power Ltd.

TAHASILDAR
BARGAON

Range Officer
Bargaon

Forest Range officer
Sgt. A. Range, Bargain

TOPO MAP SHOWING COMPENSATORY AFFORESTATION LAND OF DLC CATEGORY OVER AN AREA 109.933 HA. OR 271.64 AC. IN VILLAGE BAILAMA, KANDAIMUNDA, KUTRA, TUNUMURA, KHATKURBAHAL UNDER KUTRA TAHASIL, IN LIEU OF FOREST AREA PROPOSED FOR DIVERSION AGAINST DIPSIDE MANOHARPUR COAL MINE OF M/S ODISHA COAL AND POWER LIMITED IN SUNDARGARH DISTRICT (SUNDARGARH FOREST DIVISION).



1:50,000

0 1,150 2,300 4,600 6,900 9,200
Meters

REFERENCE

OPEN SERIES MAP NO :- F45G8 & F45G7

CONVENTIONAL SYMBOLS

Express highway with toll with bridge with distance stone			
Road marked according to importance			
Road double carriageway according to importance			
Unimproved road, Cart-track, Path-track and pass, Foot-path			
Stream with bed in deep undrained Canal			
Dam, masonry or rock-fall, without wall			
River, dry with water channel, with island & rocks, Tidal river			
Submerged rocks, Shoal, Swamp, Bank			
Well, Deep, unlined, Tube-well, Spring, Fossil, perennial, dry			
Settlements: rural or semi-rural, Urban ground			
Railways, broad gauge double single with station, water carrier			
Railways, other gauge double single with station, water carrier			
Electric, Gas or railway, Gas, Gasline with tank			
Canals with cut-Reservoir, Reservoir, Water, Dam			
Sand barometer (Shallow-water barometer), Shallowwatering			
Forest of Village, Shrubland, Desert, Forest			
Forest permanent, temporary, Forest, Agriculture			
Temple, Church, Mosque, Ghat, Tomb, Shrine			
Lighthouse, Lightship, Beacon, Lighted, unlighted, Anchorage			
Mine, Shale, Iron, Steel, Brick			
Police, military, other, Prison, Court, Barren, Other trees			
Area cultivated, wooded, Burned tree			
Boundary, International			
Water, Dam, Dam, Dam, Dam, Dam, Dam, Dam, Dam			
Boundary, Water, Dam, Dam, Dam, Dam, Dam, Dam			
Height, Measured, water, point, coordinates	1,300	800	300
Post office, Telegraph office, District, Bank	2	1	1
Post house or Inspector, Inspector, District, Police station	2	2	2
Camping ground, Forest, reserved, protected	2	2	2
Forest, reserved, administrative, locality or site	2	2	2
Hospital, Dispensary, Veterinary Hospital, Dispensary	2	2	2
Air station, Helipad, Tourist site	2	2	2
Power line with pole, suspended, with pole, suspended	2	2	2

Legend

- DLC COMPENSATORY AFFORESTATION LAND (KHATKURBAHAL)
- DLC COMPENSATORY AFFORESTATION LAND (BAILAMA)
- DLC COMPENSATORY AFFORESTATION LAND (KANDAIMUNDA)
- DLC COMPENSATORY AFFORESTATION LAND (KUTRA)
- DLC COMPENSATORY AFFORESTATION LAND (TUNUMURA)

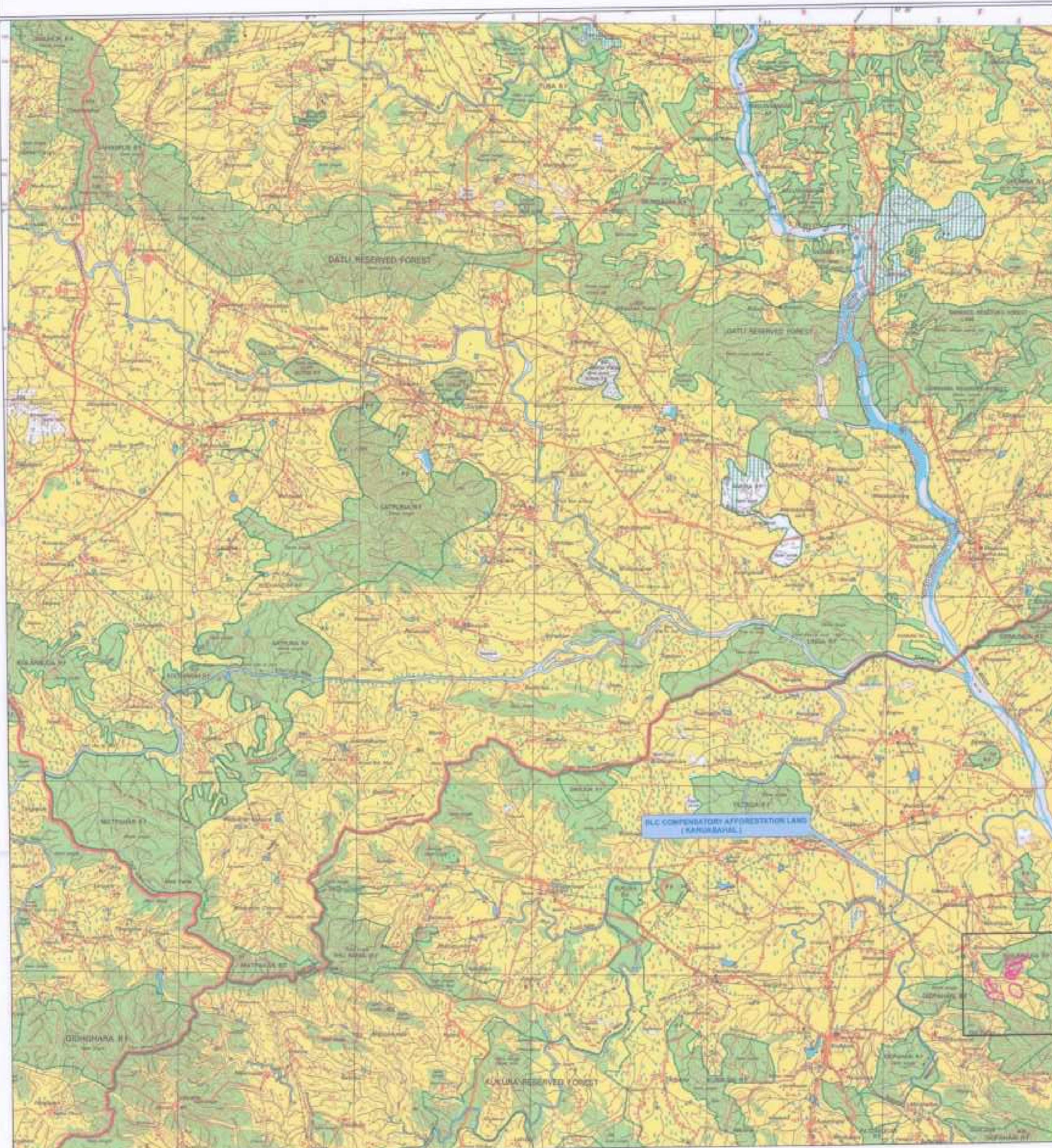
PREPARED BY :-

Centre for Envotech & Management
Consultancy Pvt. Ltd. Bhubaneswar.



[Signature]
Add. General Manager (Mining)
Odisha Coal and Power Ltd.

TOPO MAP SHOWING COMPENSATORY AFFORESTATION LAND OF DLC CATEGORY OVER AN AREA 109.933 HA. OR 271.64 AC. IN VILLAGE KARUABAHAL UDER BALISANKAR TAHASIL , IN LIEU OF FOREST AREA PROPOSED FOR DIVERSION AGAINST DIPSIDE MANOHARPUR COAL MINE OF M/S ODISHA COAL AND POWER LIMITED IN SUNDARGARH DISTRICT (SUNDARGARH FOREST DIVISION).



1:50,000



REFERENCE

OPEN SERIES MAP NO :- F44L15

CONVENTIONAL SYMBOLS

Express highway with toll, with bridge with drainage ditch			
Roads indicated according to importance			
Road double carriageway according to importance			
Unimproved road, Cart-track, Path-track and grass, Foot-path			
Stream with bank in long undulating, Canal			
Dam, reservoir or rock-fall, water-work, Well			
River, dry with water channel, with bank & rock, Tide river			
Submerged rock, River, Swamp, Lake			
Water, Pond, wetland, Tidal-land, Spring, Tidal, permanent dry			
Embankment, road or rail, bank, Drainage			
Palisade, forest, grassy, rocky, slope with stone, water, water			
Palisade, other grassy, rocky, slope with stone, water, water			
Mound, tree or stone, etc., Cutting with bank			
Grassland with sub-forest, rocky, stone, etc.			
Grassland (forest) into grassland, (forest) into grassland			
Town or Village, Industrial, industrial, Port			
Water, permanent, temporary, Tower, Airfield			
Temple, Church, Mosque, Light, Tower, Signal			
Lighthouse, Lightship, Beacon, Light, Lightship, Airplane			
Wire, line on radio, line, line, etc.			
Police, police, other, Police, Police, Police, Other line			
Area, cultivated, wooded, Swampy, etc.			
Boundary, International			
Area, demarcated, undemarcated			
Area, cultivated, land or water, land			
Boundary, other, demarcated, undemarcated			
Height, triangulation, station, point, elevation	6,200	3,000	100
Spot-height, elevation, station, point, elevation	100	100	100
Post office, Telegraph office, Overhead tank			
Rail station or inspection, long-distance, Short, long, Police station			
Camping ground, Police, reserved, protected			
Forest, natural, administrative, forest, or other			
Hospital, Dispensary, Veterinary Hospital, Dispensary			
Airfield, Helipad, Tourist site			
Power line, with poles, overhead, with poles, underground			

Legend

 DLC COMPENSATORY AFFORESTATION LAND (KARUABAHAL)

PREPARED BY :-

Centre for Envotech & Management
Consultancy Pvt. Ltd. Bhubaneswar.



[Signature]
Addl. General Manager (Mining)
Odisha Coal and Power Ltd.



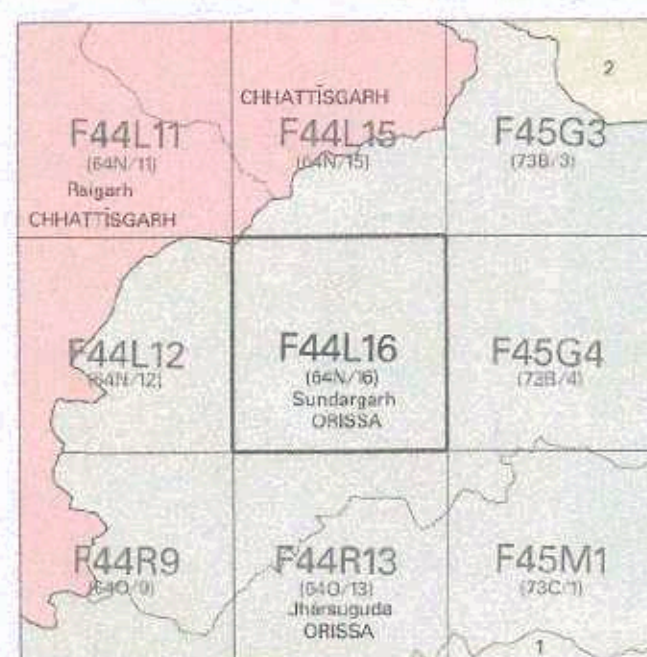


निर्गित के लिए नहीं NOT FOR EXPORT

OPEN SERIES
MAP

No. F44L16

Scale 1:50,000



1 Sambalpur, ORISSA.
2 Gumla, JHARKHAND

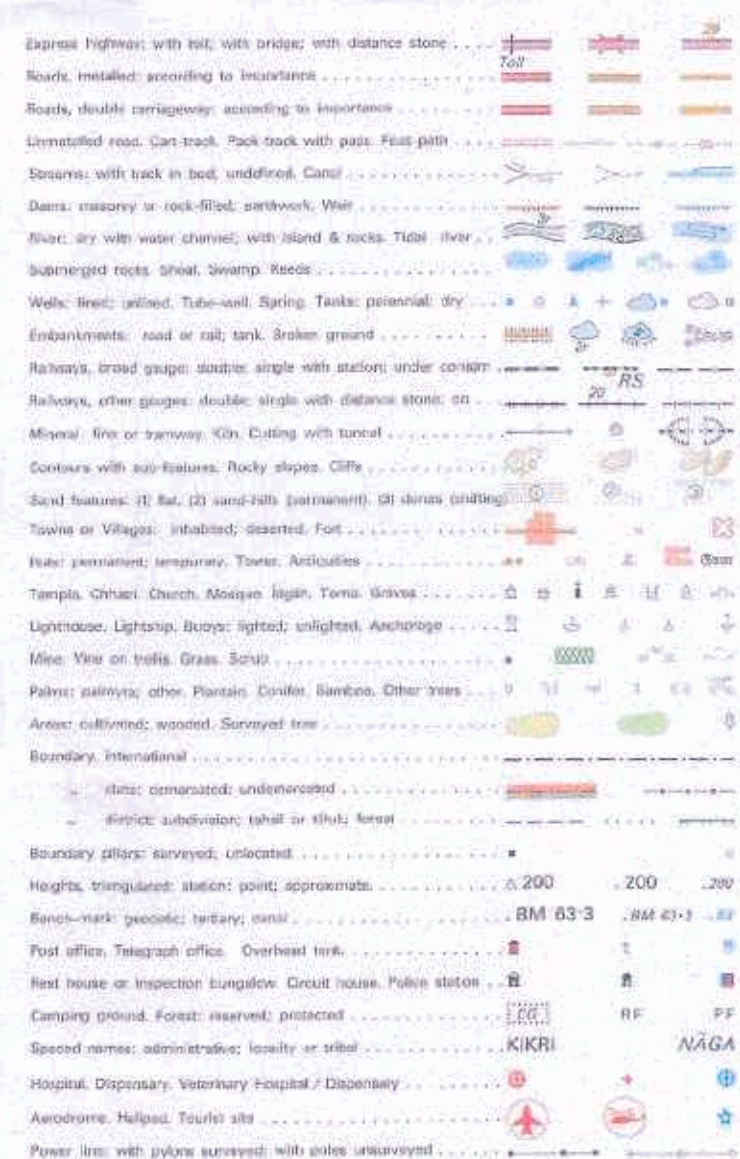
भारतीय सर्वेक्षण विभाग

SURVEY OF INDIA

1st Edition 2005.

Price : Rs. 50/-

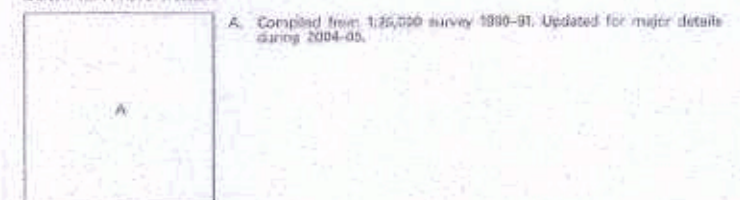
CONVENTIONAL SYMBOLS



NOTES :-

Heights are in meters and above Indian mean sea level.
Contours are approximate.
Administrative set up of newly formed Chhattisgarh State shown on this map is as per the Madhya Pradesh Reorganisation Act, 2000 of 36 No. 36 of 2000. The pattern is as per the Reorganisation Act of 2000.
The transportation heights and contours in this sheet have not been adjusted to the heights of the unadjusted topographic and may not be correct in accordance with them.
A relative height e.g. 4 marked along a road indicates the height of the top of the road embankment above the adjacent country.
The exterior boundaries of states or territories or Protected Forests are shown by green borders.
Hindi Pump is shown like.....

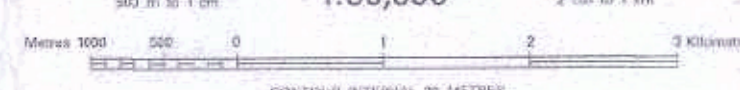
COMPILED INDEX



Projection - UTM Datum - WGS 84

Magnetic Variation from True North about 1/2° West in 2005.
(Decreasing by about 1° annually).

1:50,000



For further details about this map, please contact

Director
Orissa Geo-Spatial Data Centre
Survey of India
Survey Bhawan, PO - R R Laboratory
Bhubaneswar - 751013
Fax : 0674 - 2301418

WEBSITE - www.surveyofindia.gov.in

Reproduction in whole or part by any means is prohibited
without the written permission of Survey of India, the
National Mapping Agency.

GOVERNMENT OF INDIA. COPYRIGHT, 2005.



HEG No. 8572-SFS D 17 (China GDC-153000-1015)

सर्वेक्षण विभाग के द्वारा प्रकाशित,
प्रकाशित under the direction of Surveyor General of India,
Survey of India, Hathi Bunka Estate, Post Box No. 37, Dehra Dun - 248001 (Uttarakhand),
Department of Science & Technology, Government of India.

PRINTED AT THE SURVEY OF INDIA PRINTING GROUP OF SURVEY OF INDIA.

Reddy
24/7/23
Addl. General Manager (Mines)
Odisha Coal and Power Ltd.

8
19/7/23
Tahasilkar, Tangarpali
Dist. - Sundargarh

20/7/23
Range Officer
M. K. Upadhyay Range

24.07.23
DIVISIONAL FOREST OFFICER
SUNDARGARH FOREST DIVISION

