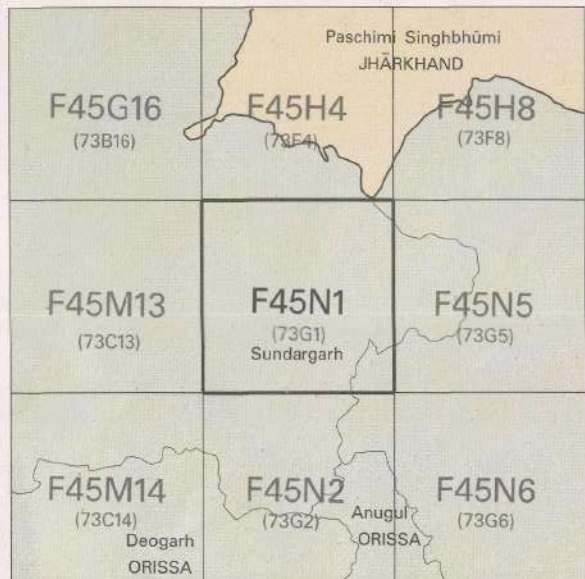
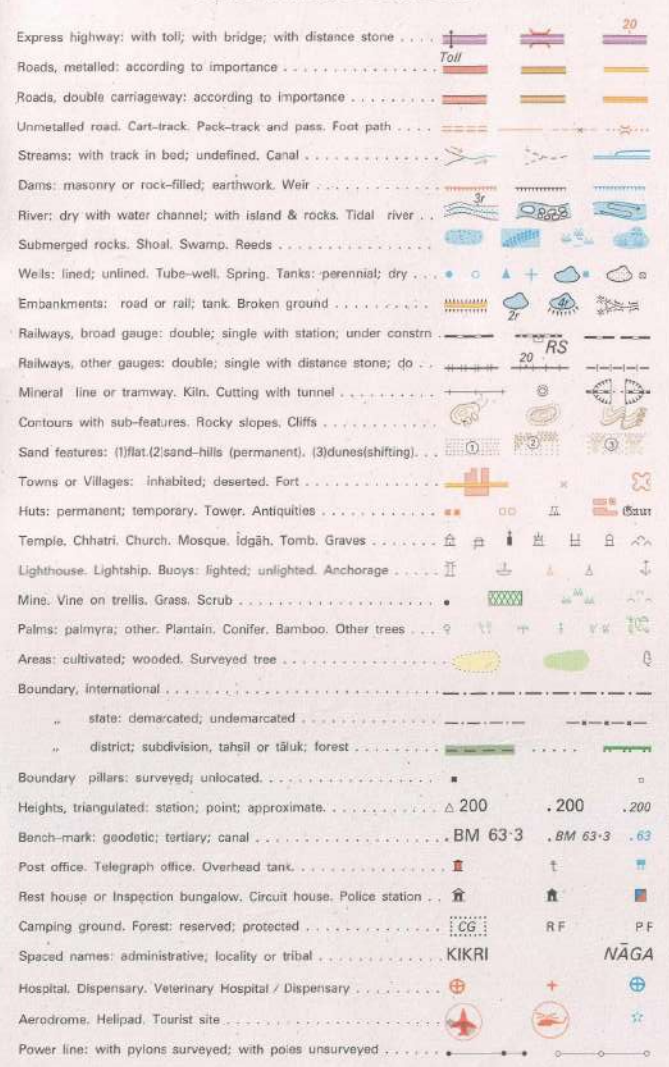


No. F45N1  
Scale 1:50,000



भारतीय सर्वेक्षण विभाग  
SURVEY OF INDIA  
1st Edition 2009

#### CONVENTIONAL SYMBOLS



#### REFERENCES

REG. No. 8399-SPG D/91 (Orissa GDC-1:50,000-1015)

#### NOTES

Heights are in metres and above Indian mean sea level.  
Contours are approximate.  
A relative height,  $\Delta$ , represents the approximate height, in metres, between the top and bottom of a steep slope.  
Hand Pump is shown thus:

#### COMPILED INDEX

A Compiled from 1:25,000 survey 1978-79. Updated for major details during 2000-05.

Projection - UTM Datum - WGS 84

Magnetic Variation from True North about  $\frac{1}{2}^{\circ}$  West in 2005.  
(Annual change negligible).

1:50,000

500 m to 1 cm  
2 cm to 1 km  
Kilometres

CONTOUR INTERVAL 20 METRES

For further details about this map, please contact:  
Director,  
Orissa Geo-Spatial Data Centre,  
Survey of India,  
Bhubaneswar - 751013  
Fax : 0674 - 230418

WEBSITE - www.surveyofindia.gov.in

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DHOLTAPAHAR IRON ORE BLOCK

DGPS SURVEYED BLOCK PILLAR CO-ORDINATES					
Sl. No	Pillar Id	Latitude	Longitude	Easting	Northing
1	1	N21°50'11.13855"	E85°10'43.73375"	311777.840	2415834.869
2	2	N21°50'34.08851"	E85°10'43.53749"	311780.554	2416540.804
3	3	N21°50'34.57854"	E85°11'14.26145"	312662.953	2416545.463
4	4	N21°50'12.91054"	E85°11'14.63431"	312665.814	2415878.900
5	5	N21°50'12.19012"	E85°10'58.24071"	312194.800	2415862.291
6	6	N21°50'12.06361"	E85°10'57.81967"	312182.664	2415858.542

For Kashi Power And Steel Pvt. Ltd.  
Authorised Signatory

APPLICANT

TOPO MAP

DHOLTAPAHAR IRON ORE BLOCK  
OVER 60,508 Ha. under Koirā Tahasil of Sundargarh District, Odisha

KASHI POWER & STEEL PVT. LTD.

Scale - 1 : 50,000

Plate No-