

No. F45N16

Scale 1:50,000

F45N11 (73G11)	F45N15 (73K15) Kandahar ORISSA	F45O3 (73K3)
F45N12 (73G12)	F45N16 (73K16)	F45O4 (73K4)
Dherikāl ORISSA F45T9 (73H9)	Jāpur ORISSA F45U1 (73L1)	

भारतीय सर्वेक्षण विभाग SURVEY OF INDIA

1st Edition 2009.

Price: Rs. 50/-

CONVENTIONAL SYMBOLS

Express Highway: with toll; with bridge; with distance scale	
Roads, metalled: according to importance	
Roads, double cartway: according to importance	
Unmetalled road: Cart-track: Pack-track and path: Foot-path	
Stream: with track in bed: undrained: Canal	
Dam: masonry or rock-filled: earthwork: Weir	
Plaza: dry with water channel: with island & rocks: Tidal river	
Submerged rocks: Shoal: Swirl: Reeds	
Wells: lined: unfired: Tube-well: Spring: Tanks: permanent: dry	
Enclaves: road or rail: tank: Broken ground	
Railways: broad gauge: double: single with distance scale: do	
Railways: other gauge: double: single with distance scale: do	
Mineral: line or railway: Silt: Casing with tunnel	
Contours with sub-features: Rocky slopes: Cliffs	
Geographical features: (Hill, Island, Hills, Islets, etc.)	
Towns or Villages: inhabited: deserted: Fort	
Hill: permanent: temporary: Tower: Antiquities	
Temple: Chhatra: Church: Mosque: Jigiri: Tomb: Graves	
Lighthouse: Lightship: Buoy: lighted: unlighted: Anchorage	
Mine: View on hills: Grass: Scrub	
Palms: palm-tree: other: Plantain: Coconut: Bamboo: Other trees	
Arms: cultivated: wooded: Surveyed tree	
Boundary: international	
State: demarcated: undemarcated	
district: subdivision: taluk or taluk forest	
Boundary pillar: surveyed: unlocated	
Heights: triangulated: station: peak: approximate	
Bench-mark: geodetic: tertiary: canal	
Post office: Telegraph office: Overhead tank	
Rest house or inspection bungalow: Circuit house: Police station	
Camping ground: Forest: reserved: protected	
Spaced names: administrative: locality or tribal	
Hospital: Dispensary: Veterinary: Hospital / Dispensary	
Aerodrome: Helipad: Tourist site	
Power line: with pylons surveyed: with poles unsurveyed	

REFERENCES

TISCO Tata Iron & Steel Company.
OSCTC Orissa State Commercial Transport Corporation.

NOTES

Heights are in metres and above Indian mean sea level.
Contours are approximate.
A relative height, $\pm$, represents the approximate height, in metres, between the top and bottom of a steep slope.
The district boundary between Kandahar and Jāpur Districts has been surveyed as per the local officials on the ground but has not been verified by the District authorities.
The exterior boundaries of areas of Reserved or Protected Forests are shown by green ribbons.
The triangulated heights and contours have not been adjusted with the heights of spirit-levelled bench-marks and may not be strictly in accordance with them.
Hand Pump is shown thus.

COMPILATION INDEX

A. Compiled from 1:25,000 survey 1978-79. Updated for major details during 2005-06.

Projection - UTM Datum - WGS 84

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

1:50,000

500 m to 1 km 2 cm to 1 km

Contours interval 20 METRES

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 - 2304148

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, 2009.



REG. No. 8407-SPG D/99 (Orissa GDC-1:50,000)-1015.

भारत के महासर्वेक्षक के दिशानिर्देश से प्रकाशित,
Published under the direction of Surveyor General of India,
Survey of India, Hathibatala Estate, Post Box No. 37, Dehra Dun-248001 (Uttarakhand),
Department of Science & Technology, Government of India.

Legend



BLOCK-II PL

PRINTED AT THE SOUTHERN PRINTING GROUP OF SURVEY OF INDIA.

KEY MAP SHOWING THE AREA OVER 153.571 HA BLOCK-II PL
FOR CHROMITE OF M/S ODISHA MINING CORPORATION LTD.

Ref:-NewToposheet No. F45N16

Scale=1:50,000

SURVEYOR

S. K. Das
Addl. General Manager (Geo)