TOPO MAP SHOWING FOREST AREA PROPOSED FOR DIVERSION FOR THE MODERNISATION & EXPANSION OF EXISTING RON AND STEEL PLANT BY GM IRON & STEEL COMPANY LTD. AT VILLAGE KULEI(SHEET NO-4) IN DHENKANAL DISTRICT

OPEN SERIES MAP

No. F45T5

Scale 1:50,000

F45N4 (73G/16)	F45N8 (73G/12)	Keonjhar ORISSA F45N12 (73G/7)
Angul ORISSA F45T1 (73H/9)	F45T5 (73H/9) Dhenkanal ORISSA	F45T9 (73H/9)
F45T2 (73H/8) Cuttack ORISSA	F45T6 (73H/8)	F45T10 (73H/12) Cuttack ORISSA

1 Jajapur, ORISSA.

भारतीय सर्वेक्षण विभाग SURVEY OF INDIA

1st Edition 2009. PRICE Rs. 118/-

CONVENTIONAL SYMBOLS

Expressway, highway: with toll; with bridge; with distance stone
Roads, metalled: according to importance
Roads, double carriageway: according to importance
Unmetalled road. Cart-track. Pack-track with pass. Foot-path
Streams: with track in bed; undefined. Canal
Dams: masonry or rock-filled; earthwork. Weir
River: dry with water channel; with island & rocks. Tidal river
Submerged rocks. Shoal. Swamp. Reeds
Wells: lined; unlined. Tube-well. Spring. Tanks: perennial; dry
Embankments: road or rail; tank. Broken ground
Railways, broad gauge: double; single with station; under construction
Railways, other gauges: double; single with distance stone; do
Mineral line or tramway. Kiln. Cutting with tunnel
Contours with sub-features. Rocky slopes. Cliffs
Sand features: (1) flat. (2) sand hills (permanent). (3) dunes (shifting)
Towns or Villages: inhabited; deserted. Fort
Huts: permanent; temporary. Tower. Antiquities
Temple. Chhatri. Church. Mosque. Idgah. Tomb. Graves
Lighthouse. Lightship. Buoys: lighted; unlighted. Anchorage
Mine. Vine on trellis. Grass. Scrub
Palms: palmyra; other. Plantation. Coniferous. Bamboos. Other trees
Areas: cultivated, wooded. Surveyed tree
Boundary, international
" state: demarcated; undemarcated
" district; subdivision, tahsil or taluk; forest
Boundary pillars: surveyed; unlocated
Heights (triangulated): station; point; 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
Special names: administrative; locality or tribal — KIKRI, NĀGA
Hospital. Dispensary. Veterinary Hospital / Dispensary
Aerodrome. Helipad. Tourist site
Power line: with pylons surveyed; with poles unsurveyed

REFERENCES

NH 42 National Highway No. 42. PWD Public Works Department.
BDO Block Development Office.

NOTES :-

Heights are in metres and above Indian mean sea level.
Contours are approximate.
Relative height, 3c, represents the approximate height, in metres, between the top and bottom of a steep slope.
Important buildings are shown in black with names.
The triangulated heights and contours in this sheet have not been adjusted to the heights of the bench-levelled bench-marks and may not tie strictly in accordance with them.
The exterior boundaries of areas of Reserved or Protected Forests are shown by green strands.
The common boundary between Sundarakhol R F and Kadalipāl R F in square F / 4 has not been known for want of reliable information.
Wells shown dry, in this area usually contain water from July to December.
Tube-wells are numerous throughout the sheet, only the important ones have been shown.
Unmetalled roads and cart-tracks in this sheet are generally motorable in dry season. Permission to use those along canals is required from irrigation authorities.
Field plant is shown thus.....

COMPILATION INDEX

A. Compiled from 1:25,000 survey 1992–93. Updated for major details during 2005–06.

Projection – UTM Datum – WGS 84

Magnetic Variation from True North about 3/4° West in 2005. (Annual change negligible).

1:50,000

500 m to 1 cm 2 cm to 1 km

metres 1000 500 0 1 2 3 Kilometres

CONTOUR INTERVAL 20 METRES

For further details about this map, please contact
Director
Orissa Geo-Spatial Data Centre
Survey of India

29/06/2021
Amin
Tahasil Parjang

29/6/21
Tahasildar
Parjang

Chief General Manager (Land)
IDCO, Bhubaneswar

Consultant Environment
IDCO, Bhubaneswar

OFFICER
IDCO, BHUBANESWAR