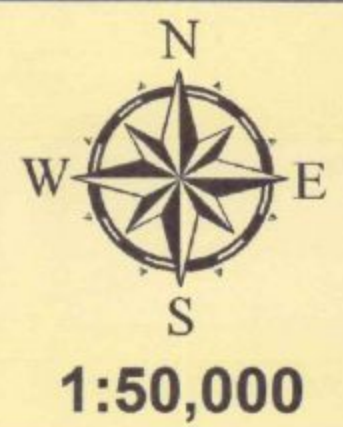


TOPO MAP SHOWING FOREST AREA TO BE DIVERTED FOR WATER PIPELINE SYSTEM FROM KANDARA VILLAGE UNDER BADBIL TAHASIL TO GRINDING CUM BENEFICATION PLANT AT KALAMANGA FOR JSW LIMITED. DISTRICT- KEONJHAR.
TOPO SHEET USED : F45N9,F45N5, F45H8, F45H12



TOPO SHEET: F45H8

TOPO SHEET: F45H12

PROJECT AREA: PROPOSED WATER PIPELINE SYSTEM

TOPO SHEET: F45N5

TOPO SHEET: F45N9

CONVENTIONAL SYMBOLS

Express highway: with toll; with bridge; with distance stone	
Road 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. Shallow. Swamp. Reeds	
Wells: lined; unlined. Tube-well. Spring. Tanks: perennial; dry	
Embankments: road or rail; tanks. Broken ground	
Railways: broad gauge; double; single with station; under constr	
Railways: other gauges: double; single with distance stone; do	
Mineral line or tramway. Kin. 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	
Temples. Chhatra. Church. Mosque. Idgah. Tomb. Graves	
Lighthouse. Lightship. Buoys: lighted; unlighted. Anchorage	
Mine. Vine on trellis. Grass. Scrub	
Palms: palmyra; other. Plainain. Coriaria. Bamboo. Other trees	
Areas: cultivated; wooded. Surveyed tree	
Boundary, international	
state: demarcated; undemarcated	
district; subdivision, taluk 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	
Spaced names: administrative; locality or tribal	
Hospital. Dispensary. Veterinary. Hospital / Dispensary	
Aerodrome. Helipad. Tourist site	
Power line: with pylons surveyed; with poles unsurveyed	

Legend

- PROPOSED FOREST AREA TO BE REDIVERTED (INSIDE NHAI CORRIDOR)
- PROPOSED FOREST AREA TO BE DIVERTED (OUTSIDE NHAI CORRIDOR)
- PROPOSED WATER PIPELINE CORRIDOR

FORESTER
BILEPADA SECTION

Forest Section Officer
Guali

TAHASILDAR
BARBIL

For JSW Utkal Steel Limited
Authorised Signatory

Forest Range Officer
BARBIL