



निर्यात के लिए नहीं NOT FOR EXPORT

OPEN SERIES
MAP

No. G45112

Scale 1:50,000

G4517 (72J/7) Madhubani BIHAR	G45111 (72J/11) Supaul BIHAR	G45115 (72J/15) Saptari NEPAL
G4518 (72J/8)	G45112 (72J/12)	G45116 (72J/16)
Darbhanga BIHAR		Madhepura BIHAR
G4505 (72K/5)	G4509 (72K/9) Saharsa BIHAR	G45013 (72K/13)

1 Purnia, BIHAR.

भारतीय सर्वेक्षण विभाग

SURVEY OF INDIA

1st Edition 2009.

Revised Price Rs. 50/-

Rs. 118/-

CONVENTIONAL SYMBOLS

Express highway with toll; with bridge with distance stone		20
Roads, metalled; according to importance		
Roads, double cart-track; according to importance		
Unmetalled road; Cart-track; Path-track with pass; Foot-path		
Streams; with track in bed; undammed; 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; unfired; Tube-well; Spring; Tanks; perennial; dry		
Embankments; road or rail; tank; Broken ground		
Railways; broad gauge; double; single with distance stone; do.		
Railways; other gauges; double; single with distance stone; do.		
Mineral line or tramway; Klink cutting with tunnel		
Contours with sub-features; Rocky slopes; Cliffs		
Land features; (Wetland; Sand-hills; (Mangrove); (Sundarbans); etc.)		
Towns or Villages; inhabited; deserted; Fort		
Huts; permanent; temporary; Tower; Antiquities		
Temple; Chhatra; Church; Mosque; Idgah; Tomb; Graves		
Lighthouse; Lightship; Buoys; lighted; unlighted; Anchorage		
Mine; Vine on trellis; Grass; Scrub		
Palms; palm-tree; other; Plantain; Conifer; Bamboo; Other trees		
Areas; cultivated; wooded; Surveyed; tree		
Boundary; International		
state; demarcated; undemarcated		
district; subdivision; tahsil or taluk; forest		
Boundary pillars; surveyed; unlocated; village; irrigation		
Heights; triangulation; stations; points; approximate		
BM 63-3		
Post office; Telegraph office; Overhead tank		
Post; 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 poles surveyed; with poles unsurveyed		

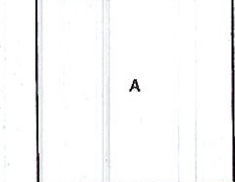
SUPAUL STORM WATER DRAINAGE

NOTES :-

Heights are in metres and above Indian mean sea level.
A relative height e.g. 2m marked along a canal indicates the height of the top of the canal embankment above the adjacent country.
Unmetalled roads and cart-tracks in this sheet are generally motorable in dry season.
Permission to use unmetalled roads and cart-tracks along canals is required from the Irrigation authorities.
The kilometre stone numbers along the railway, canal and Eastern Kosi Bypass are shown in slant type, e.g. 5, whereas milestone numbers are shown in upright type, e.g. 37.
Wells are numerous throughout the sheet; only the important ones have been shown.
Tanks shown dry, in this area, usually contain water from July to February.
The area adjoining the Kosi river is liable to change owing to continual fluctuation in the course of the river.
Perennial streams in this sheet are fordable from November to May.

COMPILED INDEX

A. Surveyed during 1974-75. Updated for major details during 2005-06.



Projection - UTM Datum - WGS 84

Magnetic Variation from True North about 0° in 2005.

1:50,000

600 m to 1 cm 2 cm to 1 km 2 Kilometres

For further details about this map, please contact

Director

Bihar Geo-Spatial Data Centre

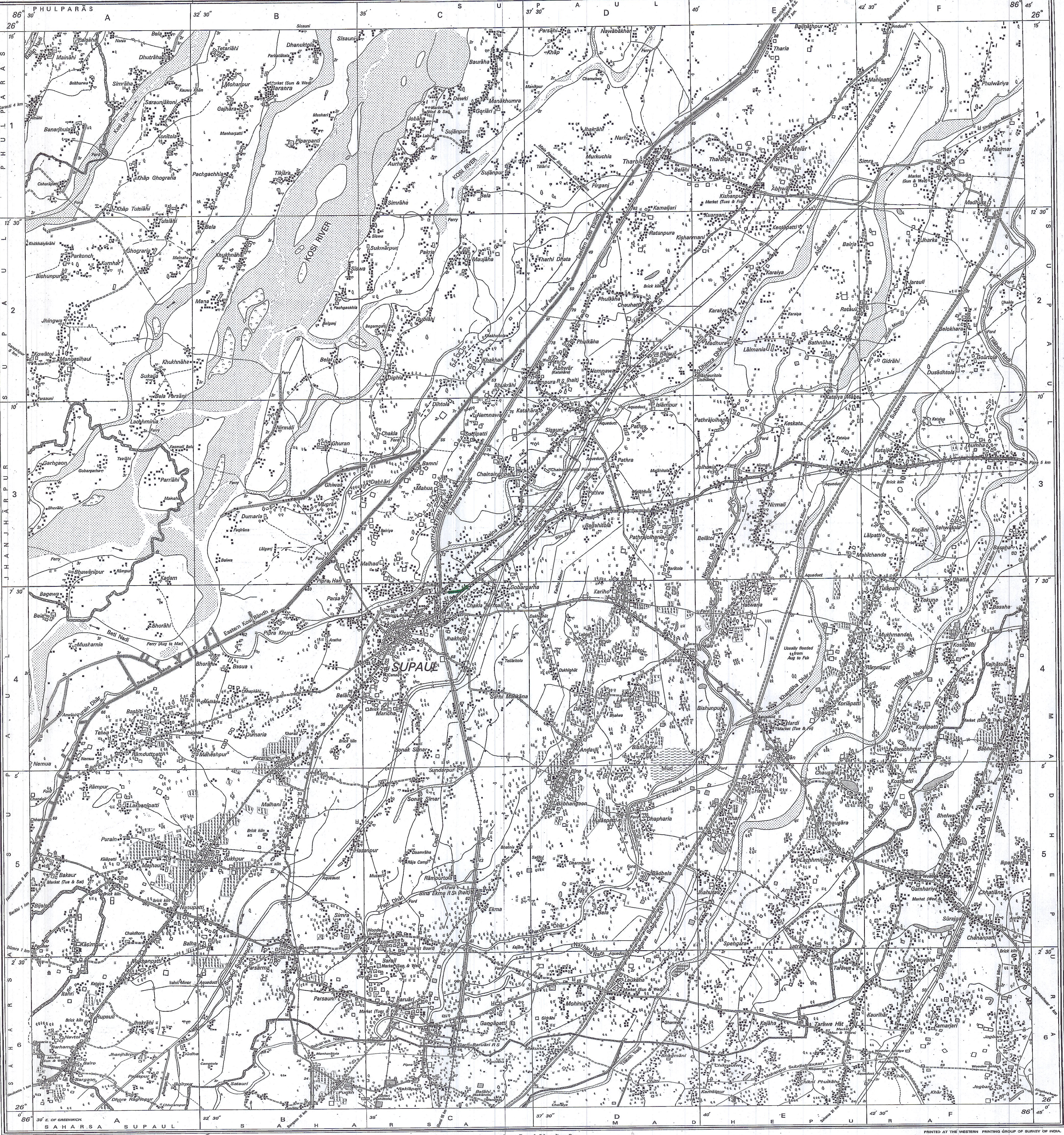
Survey of India, 104, Shastri House

Shreemad, Patna-800014.

Fax : 0612-2280265

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.



NEC, No. 950-WGS 84 (India) GDC-100000-1015.

Executive Engineer
BUDCO

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

PRINTED AT THE WESTERN PRINTING GROUP OF SURVEY OF INDIA.