NOT FOR EXPROT

BETUL,CHHINDWARA,
HOSHANGABAD,NARSIMHAPUR
RAISEN AND SEHORE DISTRICTS.

MADHYA PRADESH

Surveyed 1970 - 78

FIRST EDITION

Magnetic Variation from True North about West in 1975.
(Decreasing by about 1 annually).

REFER TO THIS MAP AS:-
SHEET 55 J FIRST

No. 55 J
PACHMARHI

NOT FOR EXPORT.

BALAGHAT, CHHINDWARA,
JABALPUR,MANDLA,
NARSIMHAPUR AND
SEONI DISTRICTS.

MADHYA PRADESH

Surveyed 1971-75.

SECOND EDITION

Magnetic Variation from True North about West in 1980
(Decreasing by about 1' annually)

INDIA

REFER TO THIS MAP AS :-	1:250,000
SHEET 55N	SECOND EDITION

NO. 55 N
NARSIMHAPUR

BUDHNI

HOSHANGABAD

BETUL

SEHORE

RAISEN

NARSINGHPUR

CHHINDWARA

SEONI

MANDLA

BALAGHAT

SOHAGPUR

PIPARIA

SOHAGPUR

NARSIMHAPUR

GADARWARA

KOTRA P.F.

SATPURA TIGER RESERVE

PANCHMARHI BIO- SPHERE

EAST FOREST DIVISION CHINDWARA

WEST FOREST DIVISION CHHINDWARA

SOUTH FOREST DIVISION CHHINDWARA

PENCH TIGER RESERVED FOREST

CENTRAL RAILWAY Main Line

CHHINDWARA

SEONI

LAKHNADON

MARWARA

KURAI RESERVED FOREST

GANGAI NAGA RESERVED FOREST

NARHAR RESERVED FOREST

SAUSAR

MULTAI

PANDHURNA

WARUD

MORSHI

AMLA

TIVSA

PANJRA R F

NAGPUR

RAMTEK

TUMSAR

TIRORA

SEONI

KATOL

Kalmeshwar

Kondhali

Mohpa

SAWANGI

SAVNER

CHORBAHULI R F

JUNAWANI RESERVED FOREST

SOUTH BAWANTHRI RESERVED FOREST

NORTH BAWANTHARI R F

TANGLA R F

KARWAHI R F

KHAWASA R F

GANGAI NALA R F

AGRI RESERVED FOREST

SONWANI RESERVED FOREST

UGLI RESERVED FOREST

HIRRI (PROTECTED) FOREST

Jamuniya U/g

Dhankasa U/g

Bhakra U/g

Sharda U/g

Ashgarh Fort (in ruin)

Pachmarhi

Amla

Multai

Narkher

Kalmeshwar

Kondhali

Mohpa

Katol

Savner

Sausar

Pandhurna

Seoni

Chhindwara

Tirora

Tumsar

Ramtek

Nagpur

Warud

Morshi

Amla

Tivsa

Multai

Katol

Kondhali

Mohpa

Savner

Kalmeshwar

Sausar

Pandhurna

Narkher

Warud

Morshi

Seoni

Chhindwara

Tirora

Tumsar

Ramtek

Nagpur

DISTRICT BOUNDARY

SATPURA TIGER RESERVES

65 km from Satpura Tiger Reserves

32 km from Satpura Tiger Reserves

65 km from PANCHMARHI BIO - SPHERE

52 km from Satpura Tiger Reserves

30 km from Pench Tiger Reserves

52 km from Pench Tiger Reserves

WESTERN COALFIELDS LIMITED
PENCH AREA
JAMUNIYA UNDER GROUND MINE
SCALE = 1 : 250,000

INDEX :-

1. PROPOSED AREA OF JAMUNIYA U.C. MINE SHOWN AS -
2. DISTANCE OF SATPURA TIGER RESERVE AREA FROM JAMUNIYA U.G. MINE BOUNDARY SHOWN AS - 65 K.M.
3. DISTANCE OF PANCHMARHI BIO-SPHERE AREA FROM JAMUNIYA U.G. MINE BOUNDARY SHOWN AS - 32 K.M.
4. DISTANCE OF PENCH TIGER RESERVE AREA FROM JAMUNIYA U.G. MINE BOUNDARY SHOWN AS - 52 K.M.
5. DIVISIONAL BOUNDARY — SHOWN AS
6. CORRIDOR BOUNDARY — SHOWN AS 40 KM

Dated 29.12.13

AREA SURVEY OFFICER
PENCH AREA, WCL

Area Planning Officer
WCL, Pench Area

AREA GENERAL MANAGER
PENCH AREA, WCL

REGD NO. 3974-104 D ES (D.D.C.) 250.000) - 7341 55

Roads metalled: according to insp.fance : distance stone.
unmetalled: do do : bridge
Cart track, Pack track and path. Foot-path with bridge
Bridges : with piers without. Causeway Ford or Ferry
Streams with track in bed: undefined. Canal
Dams masonry or rock-fretaw/Brush Weir
River banks shelving: steep 2 to 6 metres : over 6 metres
dry with water channel with Island & rocks Tidal river
Submerged rocks Broad Swamp Reeds
well/disused unlined Tube well Spring Tanks perennial/very
Embankments : road or rail, tank Broken ground
Railways broad gauge : double/single with station/under construc
other gauges : as : co with distance stones do
Mineral line or tramway Telegraph line Cutting with tunnel
Contours with sub-features Rocky slopes Cliffs
Sand features Utlal(s) sand hills and dunes (surveyed)(U) shifting dunes.

1st Edition 1985
[Previous Editions on-1/4 inch scale; 1st 1923;2nd 1927 ; 3rd 1942; 4th 1947]

REFER TO THIS MAP AS; 1:250,000
SHEET 55 K FIRST EDITION

INDIA

Published under the direction of Major General Girish Chandra Agarwa;- B.E. (Hons.) (Civil), M.Sc. ph.E. (I.T.C.) F.I.S. M.C.A. M.A.S.P.R.S. Surveyor Genral of India
1985.

1:250,000

2,500 m to 1 cm
Kilometres 5 0 5 10 15 20 25 Kilometres
0-4 cm to 1 km

HEIGHTS & CONTOURS IN METRES
COUNTOUR INTERVAL 100 METRES

Index to sheets

55 F	55 J	55 N
55 G	55 K	55 O
55 H	55 L	55 P

International Numbering

F-43 L	F-44 G	F-44 N
F-43 R	F-44 M	F-44 N
F-43 X	F-44 S	F-44 T

Water features are shown in blue where they generally contain water.
The exterior boundaries of areas of Reserved or Protected Forests are shown by green rounds.

Contours are approximate.
A relative height, R, represents the apparent height in metres between the top and bottom of a steep slope.
Wooded areas are contoured green. Scattered trees and other are in green, but prominent conserved trees are in black.

The triangulated heights and contours in this sheet have not been adjusted to the heights of the bench-marks and may not be strictly in accordance with them.
The area appearing in squares BH and CH of this map is magnetically disturbed and the variation given may differ largely from the actual value.
Verification survey, in respect of communications, power lines and canals carried out during 1982-83 has been posted in this sheet.
The state boundary between Madhya pradesh and Maharashtra States has been surveyed as pointed out by the local officials on the ground but has been verified by the Governments concerned.

Administrative Index

1 AMRAVATI Mr.

REFERENCES

NH 6 National Highway No 6 SER South Eastern Railway

COMPILATION INDEX

A Modern survey 1967-68.
B Modern survey 1971-75.
C Modern survey 1976-78.

Towns or Villages inhabited Fort
Huts: permanent/temporary Tower Antiquities
Temple Chhoti Church Mosque Idgah Tomb Graves
Lighthouse Lighthip Buoys lighted unlighted Anchorage
Mine Vine on trellis Grass Bench
Palms palmyra other Plantain Coniffer Bamboo Other trees
Boundary international
- state demarcated/ undemarcated
- district: subdivis tahsil or taluk: forest
Boundary pillars:surveyed/unlocated
Heights triangulated: station point approximate
Bench mark geodetic tertiary/canal
Post office Telegraph office Combined office Police station
Boundays dalor travellers: inspection Rest house
Circuit house Camping ground Forest; reserved protected
spaced names administrative locality or tribal

attec; according to responsince distance stone
metalled do do bridge
Pack track and pass Foot-path with bridge
the pleres/without Causeway Ford or Ferry
with track in bed:undefined Canal
Boundary or rock-filled cart wak
shelving; steep 3 to 6 metres; over metres
with water channel with & rocks Tidal river
rocks Broad Swamp Reeds
unlined Tube-wel l Spring Tanks perennial dry
road or rail tank Boundary ground
BM 83 3 road gauges double under constru
do do stone do
BS (Canse) or tramway Telegraph Cutting with tunnel
CH with sub-features Rocky Cliffs
KHSR

1971 2nd 1990.
Roads c/s inch scale: (personal) 1915;2nd 1931;

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Price: Three Rupees Fifty Paise.

RSL Twenty Nine

TO THIS MAP AS :- 1:250,000
55 O SECOND EDITION

Index to Sheets

55 J	55 N	55 R
55 K	55 O	55 S
55 L	55 P	55 D

International Numbering

F-43 L	F-44 G	F-44 N
F-43 R	F-44 M	F-44 N
F-43 X	F-44 S	F-44 T

Published under the direction of Lieutenant-General Surendra mohan Chadha Surveyor General of India
1990.

1:250,000

2500 m to 1 cm
kilometres 5 0 5 10 15 20 25 kilometres
0-4 cm to 1 km

HEIGHTS & CONTOURS IN METRES
CONTOUR INTERVAL 100 METRES

Administrative Index

1 CHHINDWARA, M.P.
2 BALAGHAT, M.P.
3 BHANDARA, Mr.

The and contours in in this sheet have not been adjusted to the heights of the spirit levelled bench-marks and may not be surface with them.
Unmetalled roads canals are passable in dry season permission to use these roads from the irrigation authorities.
All unmetalled roads motorable and cart-tracks passable in dry season
Verification of communications, power lines main power lines canals and boundarys out during 1982-83, has been exer in the these.-
The admi nistra and boundaries in square CH have been surveyed as pointed out by the local officials on the ground, but have not been surveyed by the frontiss concerned.
The state boundary between Madhya Pradesh and Maharashtra State har been surveyed as pointed out by the local officials on the ground but har not been verified by the Governments concerned excepts
Tanks trown area, usually contain water from july to

REFERENCES

NH 6 National Highway No.6
CR Central Railway

COMPILATION INDEX

A Compiled from 1 ; 25,000 Survey 1970-71
B Compiled from 25,000 Survey 1972-75
C Modern Survey 1972-75
D Modern Survey 1973-79
E Modern Survey 1983-84

Towns or villages; inhabited deserted Fort
Huts: permanent/temporary Tower Antiquities
Temple Chhoti Church Mosque Idgah Tomb Graves
Lighthouse Lighthip Buoys lighted unlighted Anchorage
Mine Vine on trellis Grass Bench
Palms palmyra other Plantain Coniffer Bamboo Other tress
Boundary international
- state demarcated/ undemarcated
- district: subdivis tahsil or taluk: forest
Boundary pillars:surveyed/unlocated
Heights triangulated: station point/ approximate 200 300 200
Bench mark geodetic tertiary/canal BM 88 3 BM 96 3
Post office Telegraph office Combined office Police station PO TO PTO PS
Boundays dalor travellers: inspection Rest house DB IB Canal RH Forest
Circuit house Camping ground Forest; reserved protected CH CG RF PF
spaced names administrative locality or tribal KHSR NAGA

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1:2,50,000

24
O/C