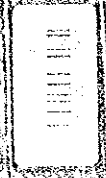


THE STUDY OF TOPOGRAPHIC MAPPING OF  
TUMBINI ZONE IN NEPAL

1990-1993

TOPOGRAPHIC MAPS

SCALE 1:25,000

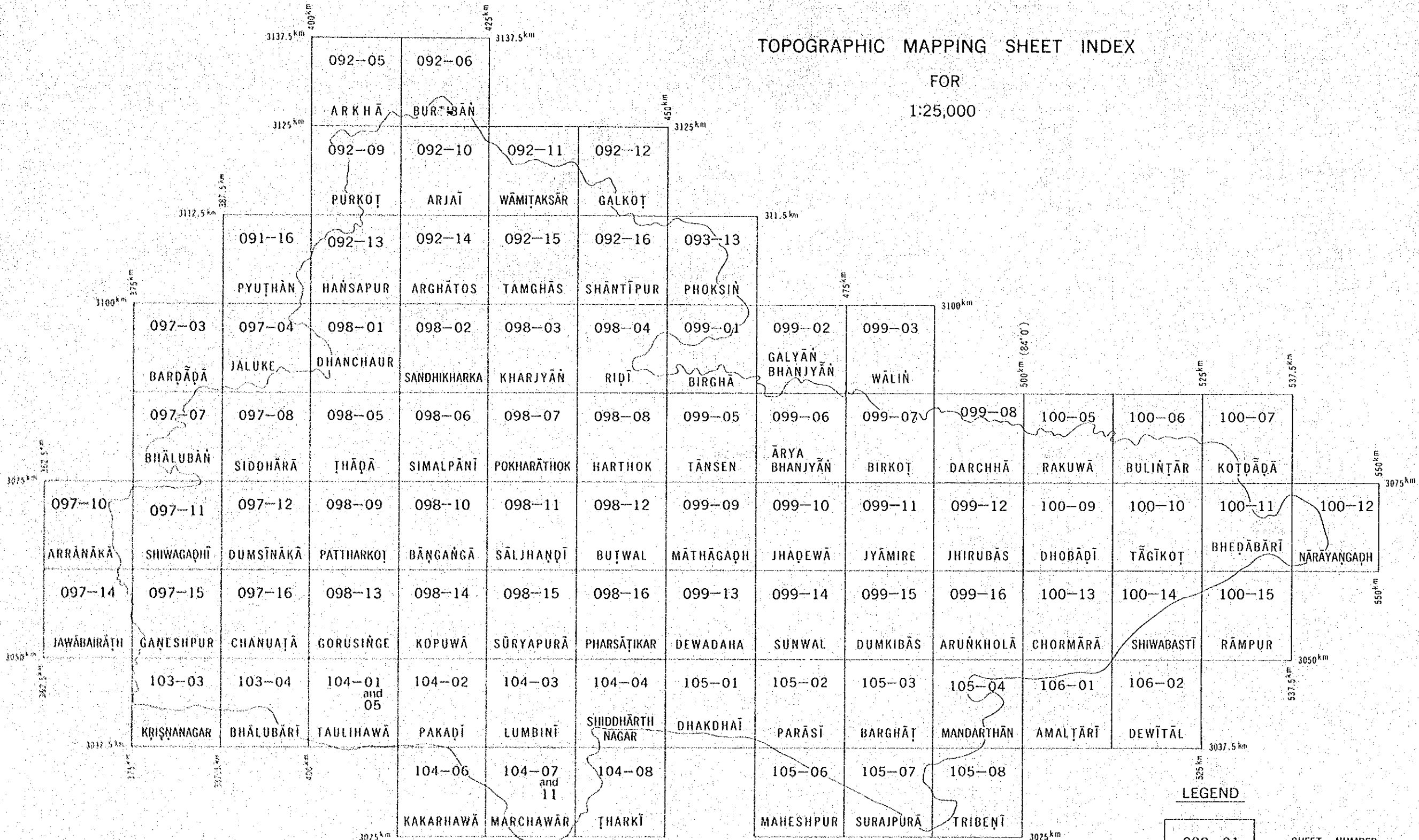


JAPAN INTERNATIONAL  
COOPERATION AGENCY  
(JICA)

U 13532/6

TOPOGRAPHIC MAPPING SHEET INDEX

FOR  
1:25,000



LEGEND

- 099-01 — SHEET NUMBER
- BIRGHĀ — SHEET NAME







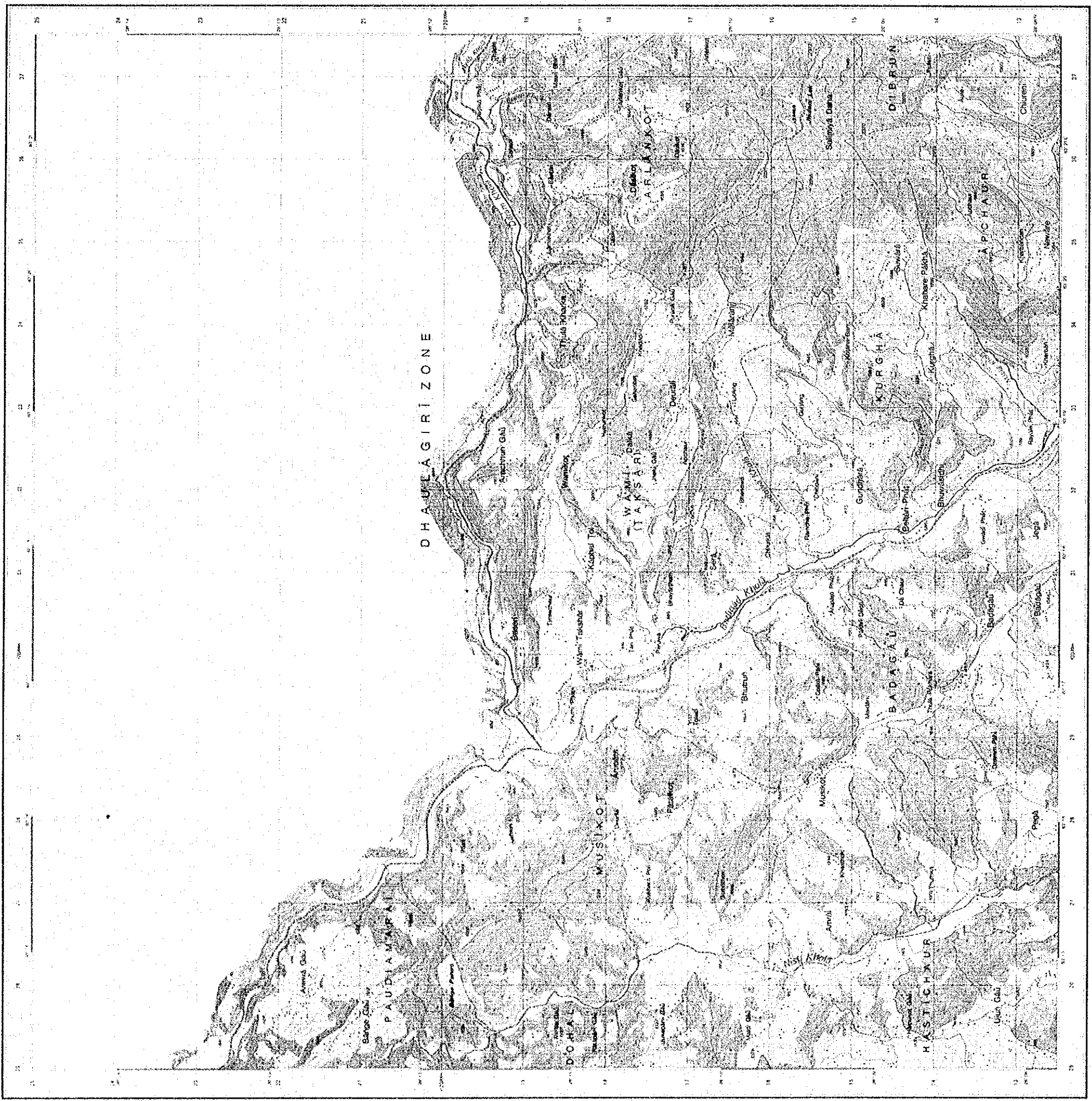












Scale 1:25,000

CONTOUR INTERVAL (METERS)  
Supplementary Contour at 5 meters

1. Thin red, blue with red	1. Solid 2.50 or 1.25m (North-south or north-south)	1. Red on 7.5m SPI
2. Red on blue with red	2. Dotted or dash-dot (North-South)	2. Green (Government)
3. Red on blue	3. Green (Government)	3. Blue (Government)
4. Red on blue with red	4. Dotted or dash-dot (North-South)	4. Yellow (Government)
5. Red on blue with red	5. Dotted or dash-dot (North-South)	5. Yellow (Government)
6. Red on blue with red	6. Dotted or dash-dot (North-South)	6. Yellow (Government)
7. Red on blue with red	7. Dotted or dash-dot (North-South)	7. Yellow (Government)
8. Red on blue with red	8. Dotted or dash-dot (North-South)	8. Yellow (Government)
9. Red on blue with red	9. Dotted or dash-dot (North-South)	9. Yellow (Government)
10. Red on blue with red	10. Dotted or dash-dot (North-South)	10. Yellow (Government)
11. Red on blue with red	11. Dotted or dash-dot (North-South)	11. Yellow (Government)
12. Red on blue with red	12. Dotted or dash-dot (North-South)	12. Yellow (Government)
13. Red on blue with red	13. Dotted or dash-dot (North-South)	13. Yellow (Government)
14. Red on blue with red	14. Dotted or dash-dot (North-South)	14. Yellow (Government)
15. Red on blue with red	15. Dotted or dash-dot (North-South)	15. Yellow (Government)
16. Red on blue with red	16. Dotted or dash-dot (North-South)	16. Yellow (Government)
17. Red on blue with red	17. Dotted or dash-dot (North-South)	17. Yellow (Government)
18. Red on blue with red	18. Dotted or dash-dot (North-South)	18. Yellow (Government)
19. Red on blue with red	19. Dotted or dash-dot (North-South)	19. Yellow (Government)
20. Red on blue with red	20. Dotted or dash-dot (North-South)	20. Yellow (Government)
21. Red on blue with red	21. Dotted or dash-dot (North-South)	21. Yellow (Government)
22. Red on blue with red	22. Dotted or dash-dot (North-South)	22. Yellow (Government)
23. Red on blue with red	23. Dotted or dash-dot (North-South)	23. Yellow (Government)
24. Red on blue with red	24. Dotted or dash-dot (North-South)	24. Yellow (Government)
25. Red on blue with red	25. Dotted or dash-dot (North-South)	25. Yellow (Government)
26. Red on blue with red	26. Dotted or dash-dot (North-South)	26. Yellow (Government)
27. Red on blue with red	27. Dotted or dash-dot (North-South)	27. Yellow (Government)
28. Red on blue with red	28. Dotted or dash-dot (North-South)	28. Yellow (Government)
29. Red on blue with red	29. Dotted or dash-dot (North-South)	29. Yellow (Government)
30. Red on blue with red	30. Dotted or dash-dot (North-South)	30. Yellow (Government)
31. Red on blue with red	31. Dotted or dash-dot (North-South)	31. Yellow (Government)
32. Red on blue with red	32. Dotted or dash-dot (North-South)	32. Yellow (Government)
33. Red on blue with red	33. Dotted or dash-dot (North-South)	33. Yellow (Government)
34. Red on blue with red	34. Dotted or dash-dot (North-South)	34. Yellow (Government)
35. Red on blue with red	35. Dotted or dash-dot (North-South)	35. Yellow (Government)
36. Red on blue with red	36. Dotted or dash-dot (North-South)	36. Yellow (Government)
37. Red on blue with red	37. Dotted or dash-dot (North-South)	37. Yellow (Government)
38. Red on blue with red	38. Dotted or dash-dot (North-South)	38. Yellow (Government)
39. Red on blue with red	39. Dotted or dash-dot (North-South)	39. Yellow (Government)
40. Red on blue with red	40. Dotted or dash-dot (North-South)	40. Yellow (Government)
41. Red on blue with red	41. Dotted or dash-dot (North-South)	41. Yellow (Government)
42. Red on blue with red	42. Dotted or dash-dot (North-South)	42. Yellow (Government)
43. Red on blue with red	43. Dotted or dash-dot (North-South)	43. Yellow (Government)
44. Red on blue with red	44. Dotted or dash-dot (North-South)	44. Yellow (Government)
45. Red on blue with red	45. Dotted or dash-dot (North-South)	45. Yellow (Government)
46. Red on blue with red	46. Dotted or dash-dot (North-South)	46. Yellow (Government)
47. Red on blue with red	47. Dotted or dash-dot (North-South)	47. Yellow (Government)
48. Red on blue with red	48. Dotted or dash-dot (North-South)	48. Yellow (Government)
49. Red on blue with red	49. Dotted or dash-dot (North-South)	49. Yellow (Government)
50. Red on blue with red	50. Dotted or dash-dot (North-South)	50. Yellow (Government)

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ADMINISTRATIVE INDEX

ABBREVIATION FOR PUBLIC BUILDINGS

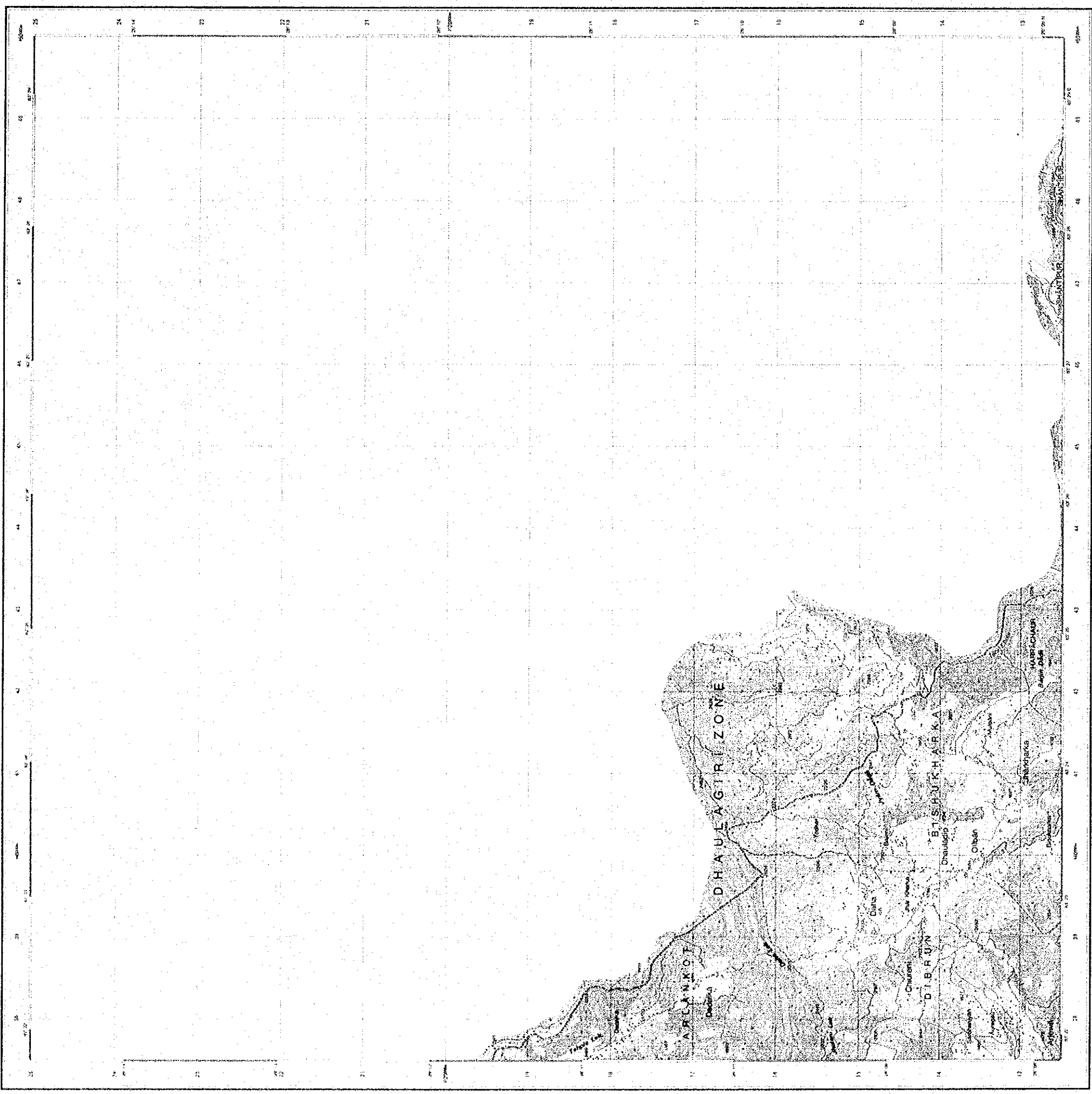
1. Post Office	15. Police Station
2. Government Office	16. School
3. Court	17. Bank
4. Railway Station	18. Telephone Office
5. Government Office	19. Post Office
6. Court	20. School
7. Railway Station	21. Bank
8. Government Office	22. Telephone Office
9. Court	23. Post Office
10. Railway Station	24. School
11. Government Office	25. Bank
12. Court	26. Telephone Office
13. Railway Station	27. Post Office
14. Government Office	28. School

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7. 1:2,000,000	8. 1:5,000,000	9. 1:10,000,000	10. 1:20,000,000	11. 1:50,000,000	12. 1:100,000,000



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Scale 1:25,000

CONTOUR INTERVAL 10 METRES  
Supplementary Contours at 5 metres

Projection: Modified Universal Transverse Mercator  
Datum: Everest  
Spheroid: Everest  
Scale: 1:25,000  
Zone: 48 N  
Units: Metres  
Contour Interval: 10 Metres  
Supplementary Contours: 5 Metres  
Magnetic Declination: 10° 30' E (1975)  
Magnetic Declination: 10° 30' E (1985)  
Magnetic Declination: 10° 30' E (1995)  
Magnetic Declination: 10° 30' E (2005)  
Magnetic Declination: 10° 30' E (2015)  
Magnetic Declination: 10° 30' E (2025)



This map was prepared by the Survey Department of the Government of Nepal, under the technical supervision of the Survey Department of the Government of Nepal, and is published by the Survey Department of the Government of Nepal.

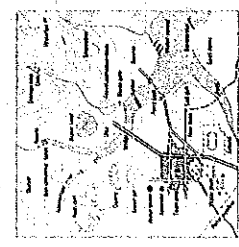
Symbol	Description
(Dashed line)	1st Class road, 2nd Class road
(Dotted line)	3rd Class road, 4th Class road
(Solid line)	5th Class road, 6th Class road
(Line with cross-ticks)	7th Class road, 8th Class road
(Line with dots)	9th Class road, 10th Class road
(Line with triangles)	11th Class road, 12th Class road
(Line with squares)	13th Class road, 14th Class road
(Line with circles)	15th Class road, 16th Class road
(Line with diamonds)	17th Class road, 18th Class road
(Line with stars)	19th Class road, 20th Class road
(Line with crosses)	21st Class road, 22nd Class road
(Line with pluses)	23rd Class road, 24th Class road
(Line with asterisks)	25th Class road, 26th Class road
(Line with hash marks)	27th Class road, 28th Class road
(Line with percent signs)	29th Class road, 30th Class road
(Line with ampersands)	31st Class road, 32nd Class road
(Line with at signs)	33rd Class road, 34th Class road
(Line with dollar signs)	35th Class road, 36th Class road
(Line with pound signs)	37th Class road, 38th Class road
(Line with yen signs)	39th Class road, 40th Class road
(Line with euro signs)	41st Class road, 42nd Class road
(Line with dollar signs)	43rd Class road, 44th Class road
(Line with pound signs)	45th Class road, 46th Class road
(Line with yen signs)	47th Class road, 48th Class road
(Line with euro signs)	49th Class road, 50th Class road
(Line with dollar signs)	51st Class road, 52nd Class road
(Line with pound signs)	53rd Class road, 54th Class road
(Line with yen signs)	55th Class road, 56th Class road
(Line with euro signs)	57th Class road, 58th Class road
(Line with dollar signs)	59th Class road, 60th Class road
(Line with pound signs)	61st Class road, 62nd Class road
(Line with yen signs)	63rd Class road, 64th Class road
(Line with euro signs)	65th Class road, 66th Class road
(Line with dollar signs)	67th Class road, 68th Class road
(Line with pound signs)	69th Class road, 70th Class road
(Line with yen signs)	71st Class road, 72nd Class road
(Line with euro signs)	73rd Class road, 74th Class road
(Line with dollar signs)	75th Class road, 76th Class road
(Line with pound signs)	77th Class road, 78th Class road
(Line with yen signs)	79th Class road, 80th Class road
(Line with euro signs)	81st Class road, 82nd Class road
(Line with dollar signs)	83rd Class road, 84th Class road
(Line with pound signs)	85th Class road, 86th Class road
(Line with yen signs)	87th Class road, 88th Class road
(Line with euro signs)	89th Class road, 90th Class road
(Line with dollar signs)	91st Class road, 92nd Class road
(Line with pound signs)	93rd Class road, 94th Class road
(Line with yen signs)	95th Class road, 96th Class road
(Line with euro signs)	97th Class road, 98th Class road
(Line with dollar signs)	99th Class road, 100th Class road

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ABBREVIATION FOR PUBLIC BUILDINGS

1	Police Station
2	Post Office
3	Public School
4	Public Dispensary
5	Public Library
6	Public Hall
7	Public Office
8	Public Shop
9	Public Market
10	Public Bath
11	Public Well
12	Public Spring
13	Public Pond
14	Public Canal
15	Public Dam
16	Public Bridge
17	Public Tunnel
18	Public Road
19	Public Path
20	Public Track
21	Public Station
22	Public Platform
23	Public Shelter
24	Public Restroom
25	Public Toilet
26	Public Shower
27	Public Bathhouse
28	Public Laundry
29	Public Workshop
30	Public Store
31	Public Warehouse
32	Public Office
33	Public Shop
34	Public Market
35	Public Bath
36	Public Well
37	Public Spring
38	Public Pond
39	Public Canal
40	Public Dam
41	Public Bridge
42	Public Tunnel
43	Public Road
44	Public Path
45	Public Track
46	Public Station
47	Public Platform
48	Public Shelter
49	Public Restroom
50	Public Toilet
51	Public Shower
52	Public Bathhouse
53	Public Laundry
54	Public Workshop
55	Public Store
56	Public Warehouse
57	Public Office
58	Public Shop
59	Public Market
60	Public Bath
61	Public Well
62	Public Spring
63	Public Pond
64	Public Canal
65	Public Dam
66	Public Bridge
67	Public Tunnel
68	Public Road
69	Public Path
70	Public Track
71	Public Station
72	Public Platform
73	Public Shelter
74	Public Restroom
75	Public Toilet
76	Public Shower
77	Public Bathhouse
78	Public Laundry
79	Public Workshop
80	Public Store
81	Public Warehouse
82	Public Office
83	Public Shop
84	Public Market
85	Public Bath
86	Public Well
87	Public Spring
88	Public Pond
89	Public Canal
90	Public Dam
91	Public Bridge
92	Public Tunnel
93	Public Road
94	Public Path
95	Public Track
96	Public Station
97	Public Platform
98	Public Shelter
99	Public Restroom
100	Public Toilet



Survey Department, H.M.S.O. of Nepal, First Edition 1981

Scale 1:25,000

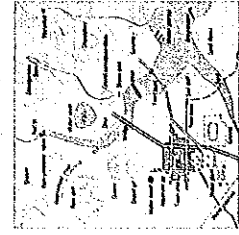
CENTIMETER INTERVAL, 10 METRES  
Supplementary Contour at 5 metres

Projection: Universal Transverse Mercator  
Datum: Everest  
Scale: 1:25,000  
Map Sheet No. 092-13  
Sheet Size: 40cm x 60cm  
Map Date: 1981  
Map Author: Survey Department  
Map Compiler: Survey Department  
Map Editor: Survey Department  
Map Designer: Survey Department  
Map Printer: Survey Department



This map was prepared under the Survey Department, H.M.S.O. of Nepal, and the  
Government of Nepal, under the Survey Department, H.M.S.O. of Nepal,  
and the Government of Nepal, under the Survey Department, H.M.S.O. of Nepal.

1. Contour Interval: 10 metres	2. Contour Interval: 5 metres	3. Contour Interval: 2 metres	4. Contour Interval: 1 metre
5. Contour Interval: 0.5 metres	6. Contour Interval: 0.2 metres	7. Contour Interval: 0.1 metres	8. Contour Interval: 0.05 metres
9. Contour Interval: 0.02 metres	10. Contour Interval: 0.01 metres	11. Contour Interval: 0.005 metres	12. Contour Interval: 0.002 metres
13. Contour Interval: 0.001 metres	14. Contour Interval: 0.0005 metres	15. Contour Interval: 0.0002 metres	16. Contour Interval: 0.0001 metres
17. Contour Interval: 0.00005 metres	18. Contour Interval: 0.00002 metres	19. Contour Interval: 0.00001 metres	20. Contour Interval: 0.000005 metres



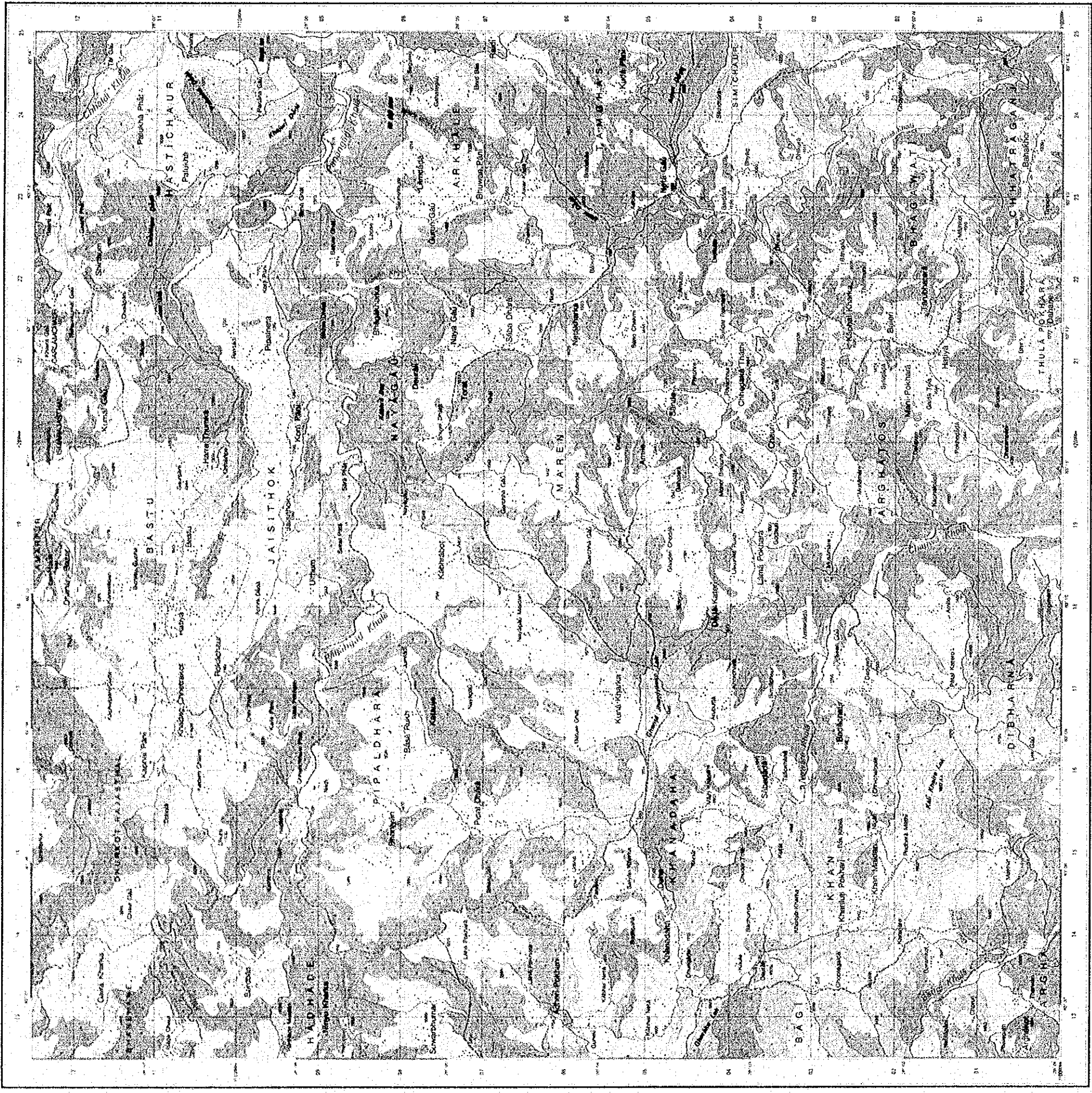
ABBREVIATION FOR PUBLIC BUILDINGS

1. Public Office	2. Police Station	3. Court	4. School
5. Hospital	6. Dispensary	7. Post Office	8. Telephone Office
9. Railway Station	10. Bus Station	11. Market	12. Fair Ground
13. Public Well	14. Public Water Tap	15. Public Toilet	16. Public Bath
17. Public Kitchen	18. Public Dining Room	19. Public Library	20. Public Reading Room
21. Public Club	22. Public Hall	23. Public Cinema	24. Public Theatre
25. Public Stadium	26. Public Ground	27. Public Park	28. Public Garden
29. Public Cemetery	30. Public Crematorium	31. Public Burial Ground	32. Public Graveyard
33. Public Hospital	34. Public Dispensary	35. Public Pharmacy	36. Public Medical Store
37. Public Laboratory	38. Public Workshop	39. Public Workshop	40. Public Workshop
41. Public Workshop	42. Public Workshop	43. Public Workshop	44. Public Workshop
45. Public Workshop	46. Public Workshop	47. Public Workshop	48. Public Workshop
49. Public Workshop	50. Public Workshop	51. Public Workshop	52. Public Workshop
53. Public Workshop	54. Public Workshop	55. Public Workshop	56. Public Workshop
57. Public Workshop	58. Public Workshop	59. Public Workshop	60. Public Workshop
61. Public Workshop	62. Public Workshop	63. Public Workshop	64. Public Workshop
65. Public Workshop	66. Public Workshop	67. Public Workshop	68. Public Workshop
69. Public Workshop	70. Public Workshop	71. Public Workshop	72. Public Workshop
73. Public Workshop	74. Public Workshop	75. Public Workshop	76. Public Workshop
77. Public Workshop	78. Public Workshop	79. Public Workshop	80. Public Workshop
81. Public Workshop	82. Public Workshop	83. Public Workshop	84. Public Workshop
85. Public Workshop	86. Public Workshop	87. Public Workshop	88. Public Workshop
89. Public Workshop	90. Public Workshop	91. Public Workshop	92. Public Workshop
93. Public Workshop	94. Public Workshop	95. Public Workshop	96. Public Workshop
97. Public Workshop	98. Public Workshop	99. Public Workshop	100. Public Workshop

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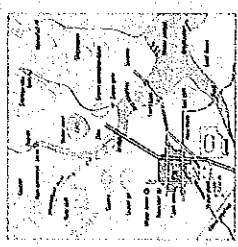
Survey Department, 141 G. of Nepal, First Edition 1983

Scale 1:25,000

CONTOUR INTERVAL 10 METRES  
Supplementary Contours at 5 metres

**PROJECTION** UTM Zone 48 N  
**UNIT** Metres  
**SCALE** 1:25,000  
**DATE** 1983  
**EDITION** First Edition  
**REVISIONS** None  
**APPROVED** By the Survey Department, Nepal  
**APPROVED** By the Ministry of Survey and Mapping, Nepal  
**APPROVED** By the Ministry of Education, Nepal  
**APPROVED** By the Ministry of Health, Nepal  
**APPROVED** By the Ministry of Labour, Nepal  
**APPROVED** By the Ministry of Agriculture, Nepal  
**APPROVED** By the Ministry of Industry, Nepal  
**APPROVED** By the Ministry of Transport, Nepal  
**APPROVED** By the Ministry of Communication, Nepal  
**APPROVED** By the Ministry of Home Affairs, Nepal  
**APPROVED** By the Ministry of Law, Nepal  
**APPROVED** By the Ministry of Justice, Nepal  
**APPROVED** By the Ministry of Education, Nepal  
**APPROVED** By the Ministry of Health, Nepal  
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**APPROVED** By the Ministry of Communication, Nepal  
**APPROVED** By the Ministry of Home Affairs, Nepal  
**APPROVED** By the Ministry of Law, Nepal  
**APPROVED** By the Ministry of Justice, Nepal

Symbol	Description
(Line)	1. Road 2.5m or wider 3. Road 1.5m or wider 4. Road 0.5m or wider 5. Path 6. Footpath 7. Railway 8. Canal 9. Drain 10. Stream 11. River 12. Lake 13. Pond 14. Reservoir 15. Dam 16. Embankment 17. Trench 18. Ditch 19. Fence 20. Boundary 21. Wall 22. Hedge 23. Hedge 24. Hedge 25. Hedge 26. Hedge 27. Hedge 28. Hedge 29. Hedge 30. Hedge 31. Hedge 32. Hedge 33. Hedge 34. Hedge 35. Hedge 36. Hedge 37. Hedge 38. Hedge 39. Hedge 40. Hedge 41. Hedge 42. Hedge 43. Hedge 44. Hedge 45. Hedge 46. Hedge 47. Hedge 48. Hedge 49. Hedge 50. Hedge 51. Hedge 52. Hedge 53. Hedge 54. Hedge 55. Hedge 56. Hedge 57. Hedge 58. Hedge 59. Hedge 60. Hedge 61. Hedge 62. Hedge 63. Hedge 64. Hedge 65. Hedge 66. Hedge 67. Hedge 68. Hedge 69. Hedge 70. Hedge 71. Hedge 72. Hedge 73. Hedge 74. Hedge 75. Hedge 76. Hedge 77. Hedge 78. Hedge 79. Hedge 80. Hedge 81. Hedge 82. Hedge 83. Hedge 84. Hedge 85. Hedge 86. Hedge 87. Hedge 88. Hedge 89. Hedge 90. Hedge 91. Hedge 92. Hedge 93. Hedge 94. Hedge 95. Hedge 96. Hedge 97. Hedge 98. Hedge 99. Hedge 100. Hedge

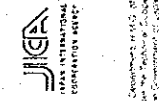


**ABBREVIATION FOR PUBLIC BUILDINGS**

1	Government Office
2	Police Station
3	Post Office
4	Public School
5	Public Library
6	Public Hall
7	Public Market
8	Public Bath
9	Public Toilet
10	Public Well
11	Public Water Tap
12	Public Drainage
13	Public Sewerage
14	Public Electricity
15	Public Telephone
16	Public Signpost
17	Public Bench
18	Public Shelter
19	Public Shelter
20	Public Shelter
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22	Public Shelter
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47	Public Shelter
48	Public Shelter
49	Public Shelter
50	Public Shelter

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