

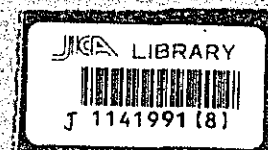
JAPAN INTERNATIONAL COOPERATION AGENCY (JICA)  
SURVEY OF BANGLADESH (SOB)



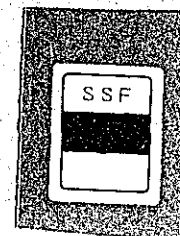
THE STUDY ON THE GEODETIC SURVEY  
IN  
THE PEOPLE'S REPUBLIC OF BANGLADESH

LEVELLING SURVEY  
• INDEX MAP ON  
HORIZONTAL CONTROL STATION  
& LEVELLING B.M. (1:250,000)

MARCH 1955



INFRASTRUCTURE DEVELOPMENT INSTITUTE  
AERO ASAHI CORPORATION  
ASIA AIR SURVEY CO., LTD.

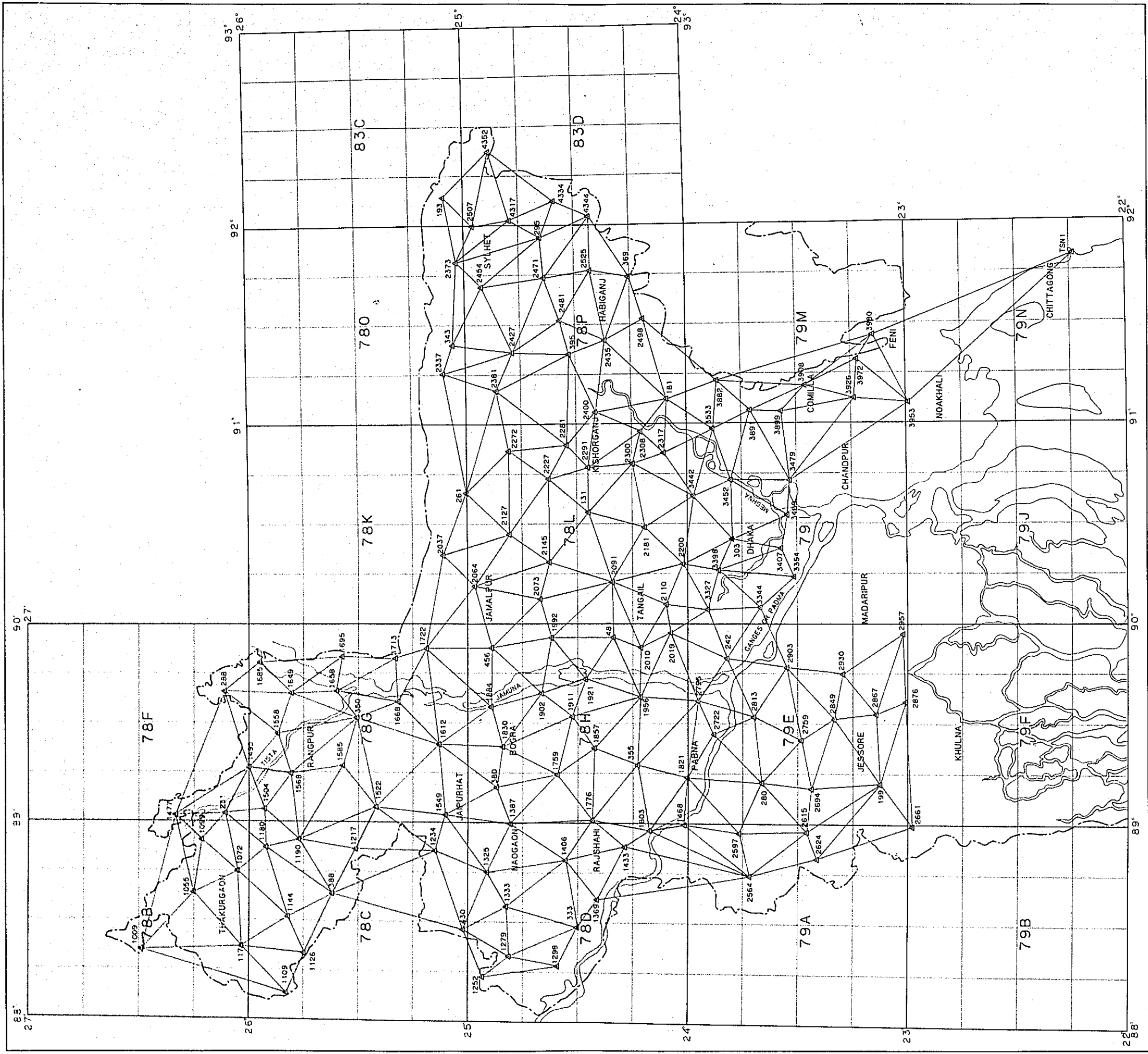


114169163

# INDEX MAP

## HORIZONTAL CONTROL STATIONS

### BANGLADESH



| No. | Plant Name   |
|-----|--------------|
| 117 | LAKHNA       |
| 131 | CHITTAGONG   |
| 181 | KALI KACHERA |
| 183 | DEP'TILA     |
| 199 | BHATTIA      |
| 201 | CHAVANI      |
| 242 | N. LASHIDIAH |
| 289 | GRAGUJ       |
| 298 | GURARI       |
| 303 | CHUSAN       |
| 333 | KALONAY      |
| 345 | SHAMONJ      |
| 360 | KASHMI       |
| 355 | CHITTHAR     |
| 389 | AGARAD       |
| 390 | REPERANCEIA  |
| 398 | DINAJPER     |
| 395 | BANJANGING   |

| No.  | Plant Name      |
|------|-----------------|
| 430  | NITPER          |
| 456  | POK BARI        |
| 481  | ICRUPUR         |
| 1069 | TITALYA         |
| 1085 | BOLAKHI         |
| 1072 | SONARI          |
| 1099 | ERIPER          |
| 1126 | KASSHA          |
| 1144 | KILINDUPUR      |
| 1180 | NILPARAKI       |
| 1190 | SUDPER          |
| 1217 | RAJUPUR         |
| 1224 | BRUKHAT         |
| 1252 | BOLHAT          |
| 1279 | KORAPUR         |
| 1288 | CHAPAINA BARANJ |
| 1325 | WALDUPUR        |
| 1333 | PAKANTIPURAM    |
| 1369 | PANA            |

| No.  | Plant Name |
|------|------------|
| 1387 | SANTHAR    |
| 1406 | BIGRABA    |
| 1433 | MANI       |
| 1468 | BEKARABA   |
| 1477 | JAGABER    |
| 1495 | CHANDRUPUR |
| 1504 | RANGHADI   |
| 1522 | NWARGANJ   |
| 1549 | JORPHERAT  |
| 1558 | MUNDHANGUR |
| 1568 | KHARVE     |
| 1585 | MIRAPUR    |
| 1612 | GOBINDGANJ |
| 1649 | KHURGANJ   |
| 1688 | AMRINGANJ  |
| 1688 | KANCHIPARA |
| 1688 | MADHGANJ   |
| 1695 | RAJHARI    |
| 1713 | DIGRIPUR   |
| 1722 | BAKSHIGANJ |

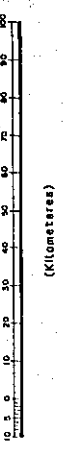
| No.  | Plant Name  |
|------|-------------|
| 1759 | RANBIGHA    |
| 1776 | DIGRUVATIA  |
| 1803 | LUPUR       |
| 1821 | PARA        |
| 1830 | BOERA       |
| 1857 | TARAS       |
| 1884 | SHARILAHADI |
| 1902 | KLUPUR      |
| 1911 | DEANGORA    |
| 1921 | SIRAJGANJ   |
| 1956 | SATRAMA     |
| 1992 | POPLA       |
| 2010 | BETA        |
| 2019 | RANI        |
| 2037 | BALUGHAT    |
| 2064 | NOLA        |
| 2073 | ANARWOLA    |
| 2091 | LAGRA       |
| 2110 | MIZAPUR     |
| 2127 | REPERANUPUR |

| No.  | Plant Name |
|------|------------|
| 2145 | PHELURIA   |
| 2181 | SURPER     |
| 2200 | MURKHI     |
| 2227 | ATRARABARI |
| 2272 | APARA      |
| 2281 | TARAIL     |
| 2291 | KISORGANJ  |
| 2300 | KATADI     |
| 2308 | RAJUPUR    |
| 2317 | BELEHA     |
| 2337 | SATRAMA    |
| 2373 | LADJIGONJ  |
| 2381 | LADJIGONJ  |
| 2400 | MITAMANJ   |
| 2427 | DIRAI      |
| 2435 | BARIGANJ   |
| 2454 | GOBINDGANJ |
| 2471 | GRABER     |
| 2481 | NABIGANJ   |
| 2498 | CHENARGHAT |

| No.  | Plant Name  |
|------|-------------|
| 2507 | BAKUNI TILA |
| 2525 | LAKHNA TILA |
| 2561 | BARAI       |
| 2597 | KALITAPUR   |
| 2615 | SUBRUPUR    |
| 2624 | JIRANGAR    |
| 2651 | PIPKAGARI   |
| 2684 | MUNDANGA    |
| 2722 | SATRAMA     |
| 2795 | MUGHA       |
| 2795 | KASINAPUR   |
| 2813 | RANJIA      |
| 2849 | SORITA      |
| 2876 | BARANPUR    |
| 2903 | SONPACHA    |
| 2930 | BANALUPUR   |
| 2957 | RANJARI     |
| 3027 | GAZIALI     |
| 3044 | BEHANGANJ   |

| No.   | Plant Name  |
|-------|-------------|
| 3054  | BEHANGEL    |
| 3098  | SAAR        |
| 3407  | SHALDIHAN   |
| 3442  | PALAS       |
| 3452  | GORALI      |
| 3469  | MUSHTIGANJ  |
| 3479  | BANDASARI   |
| 3533  | MUNINGAR    |
| 3882  | BARUA       |
| 3891  | HIPER       |
| 3908  | OWILLA      |
| 3926  | LANSU       |
| 3953  | WOTABI      |
| 3972  | CHANDRAGANJ |
| 3980  | FULAZI      |
| 4317  | WOTILA      |
| 4334  | JUNI        |
| 4344  | BARAKAJ     |
| 4352  | BEHANGHA    |
| TSN 1 | TIDAL STA.  |

Scale 1 : 1,000,000

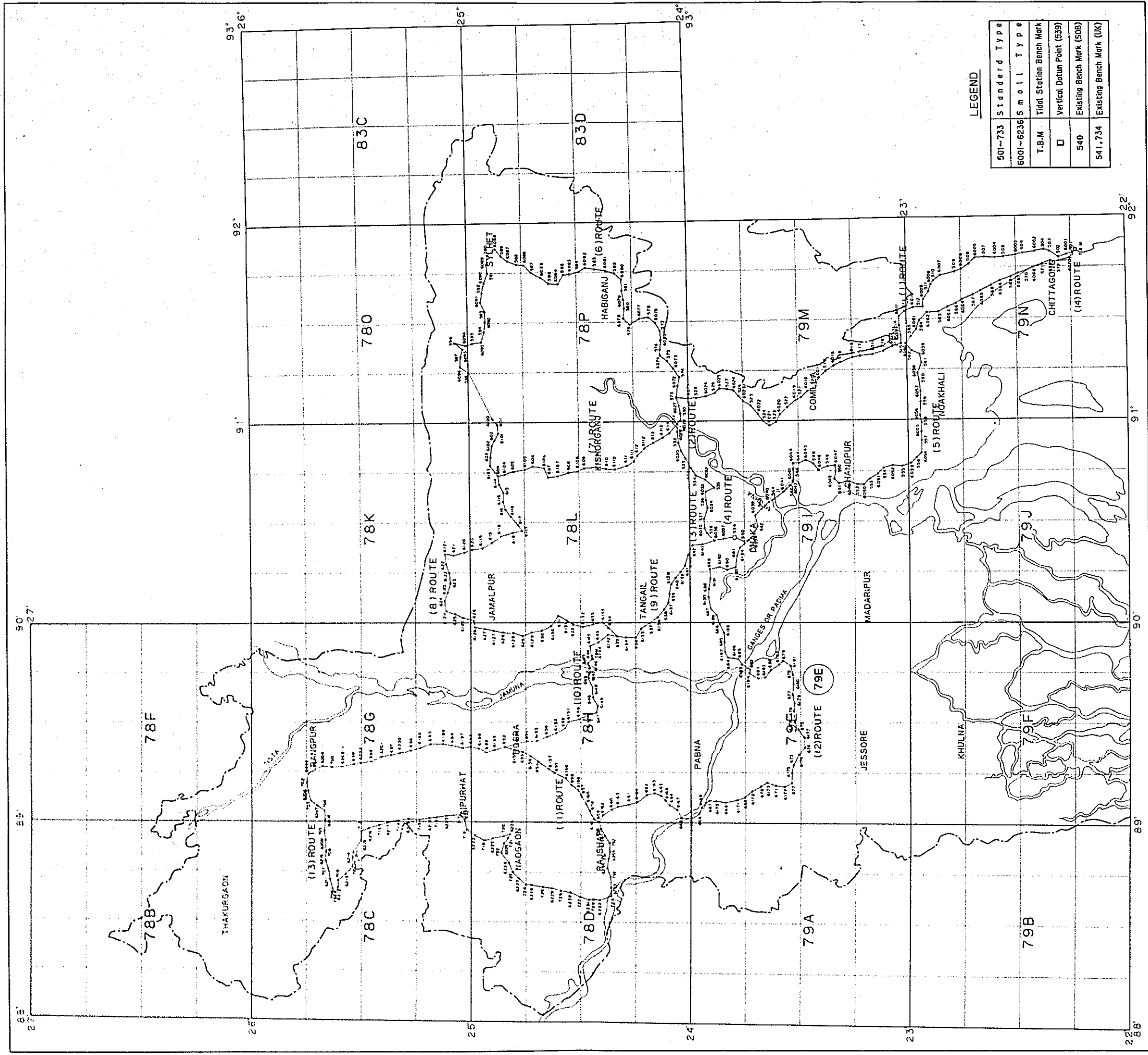


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March 1995

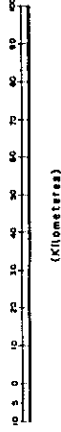
# ROUTE MAP 1ST ORDER LEVELLING

BANGLADESH



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(JICA)

Scale 1 : 1,000,000

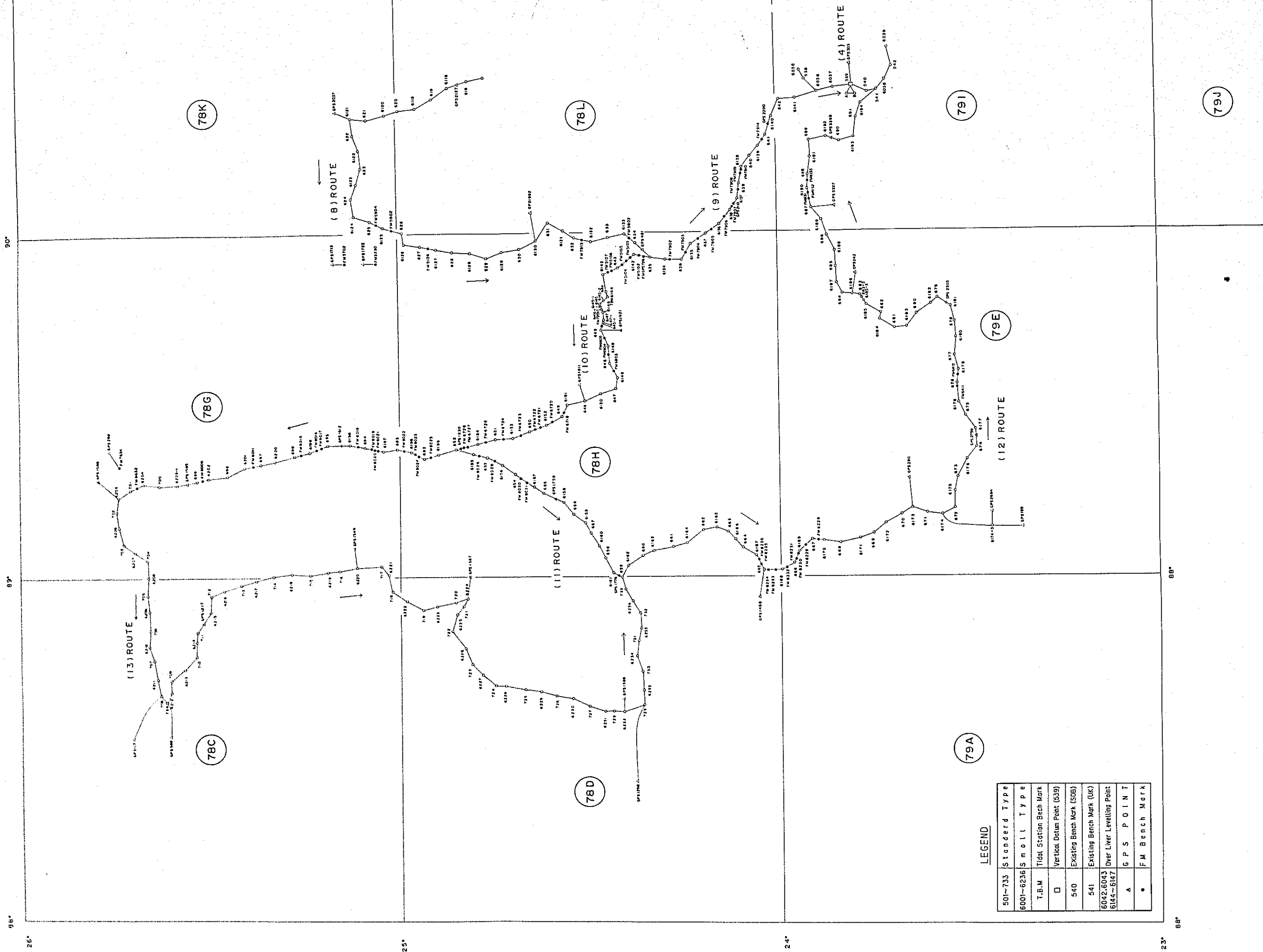


For : Survey of Bangladesh

March 1995

# LEVELLING ROUTE

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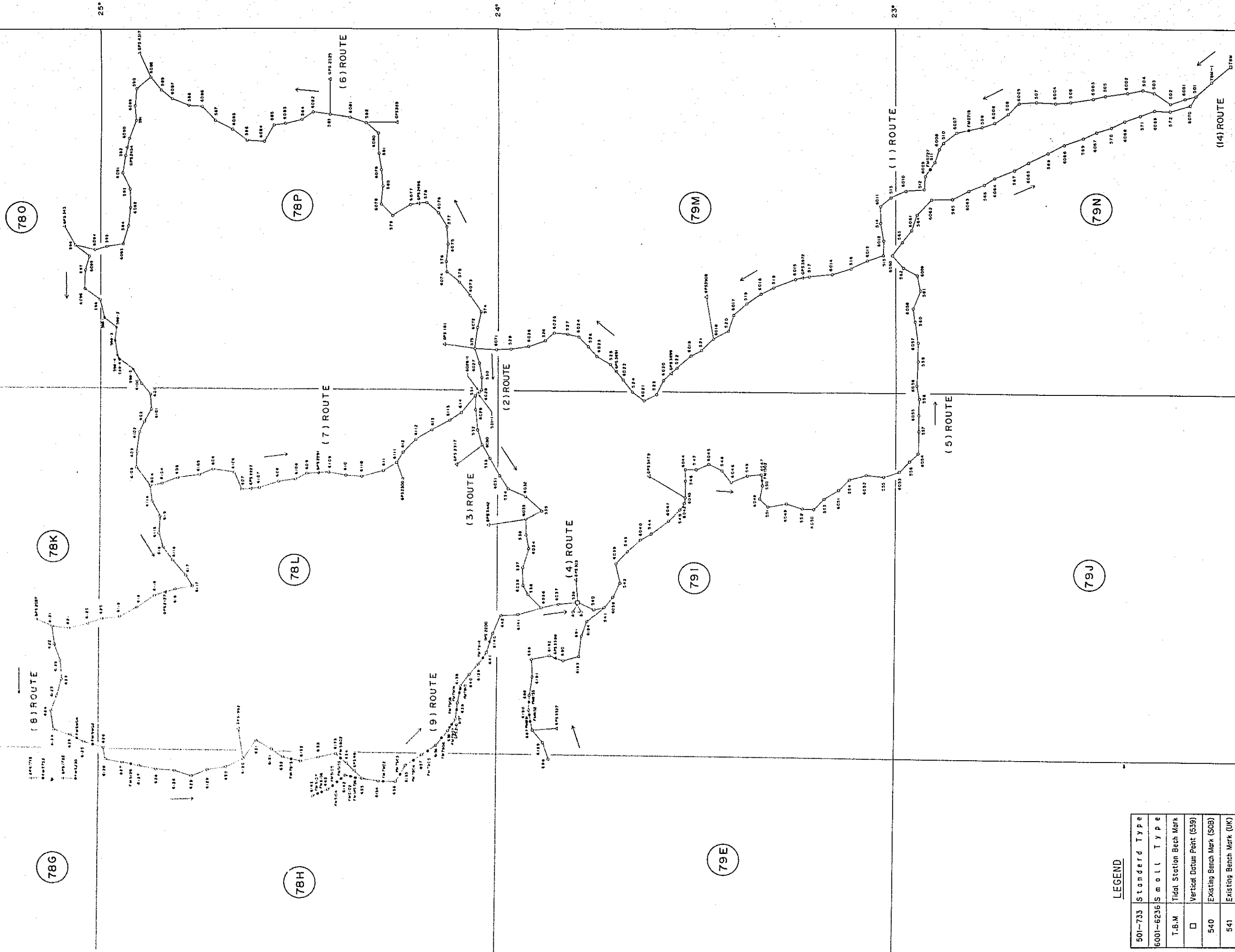


LEGEND

|            |                            |
|------------|----------------------------|
| 501-733    | Standard Type              |
| 6001-6236  | Small Type                 |
| T.B.M      | Tidal Station Bench Mark   |
| □          | Vertical Datum Point (639) |
| 540        | Existing Bench Mark (50B)  |
| 541        | Existing Bench Mark (UK)   |
| 6042, 6043 | Over Liver Levelling Point |
| 6144-6147  | G P S P O I N T            |
| •          | F M Bench Mark             |

# LEVELLING ROUTE

1 : 500,000

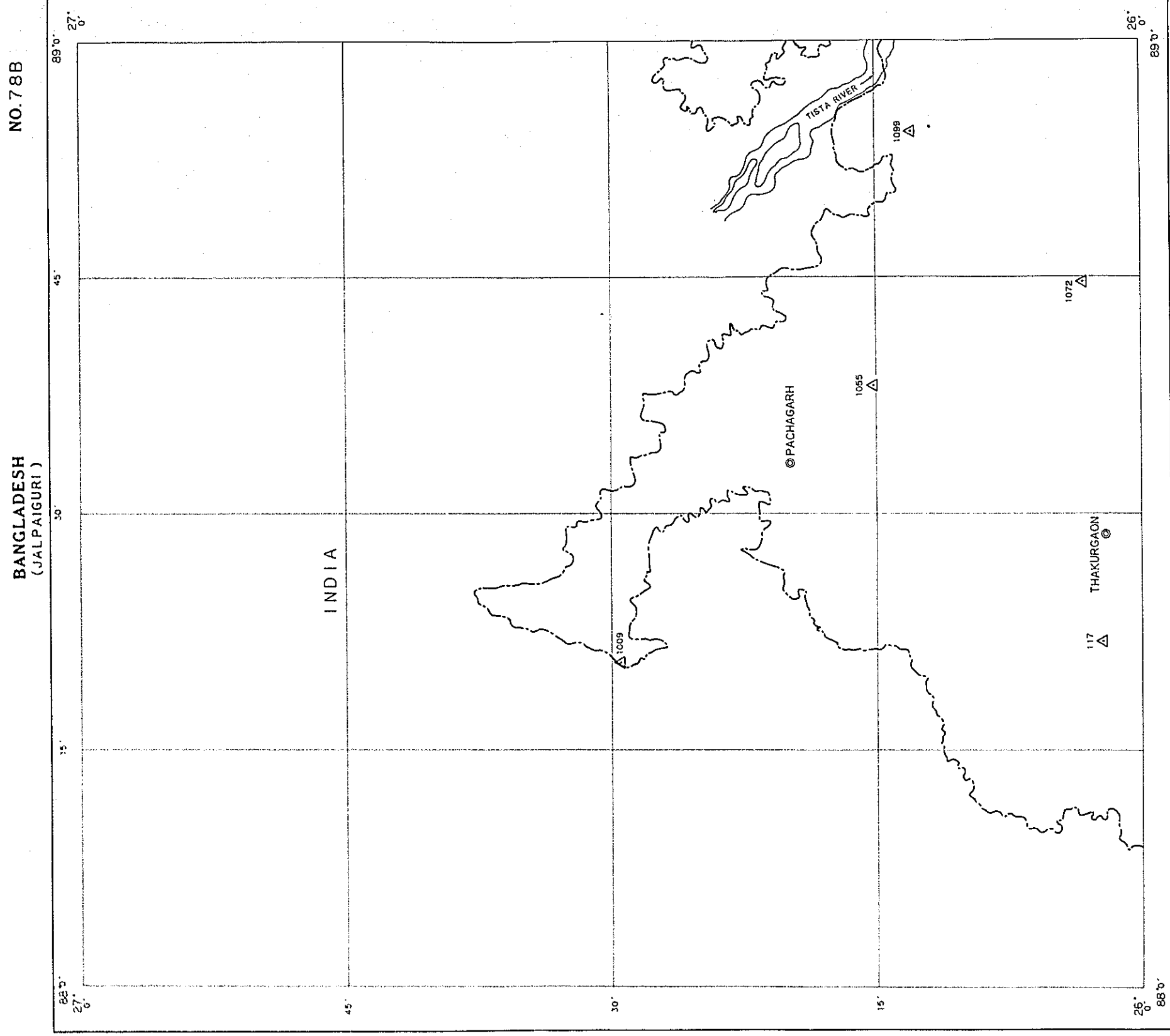


### LEGEND

|            |                            |
|------------|----------------------------|
| 501-733    | Standard Type              |
| 6001-6236  | Small Type                 |
| T.B.M      | Tidal Station Bench Mark   |
| □          | Vertical Datum Point (535) |
| 540        | Existing Bench Mark (SOB)  |
| 541        | Existing Bench Mark (UK)   |
| 6042, 6043 | Over Liver Levelling Point |
| 6144-6147  | GP S P O I N T             |
| •          | F M Bench Mark             |

# INDEX MAP

## LEVELLING BENCH MARKS HORIZONTAL CONTROL STATIONS



Scale 1 : 250,000

|     |     |     |     |
|-----|-----|-----|-----|
| 78B | 78F |     |     |
| 78C | 78G | 78K | 78Q |
| 78D | 78H | 78L | 78P |
| 78A | 78E | 78I | 78M |
| 78J | 78N |     |     |

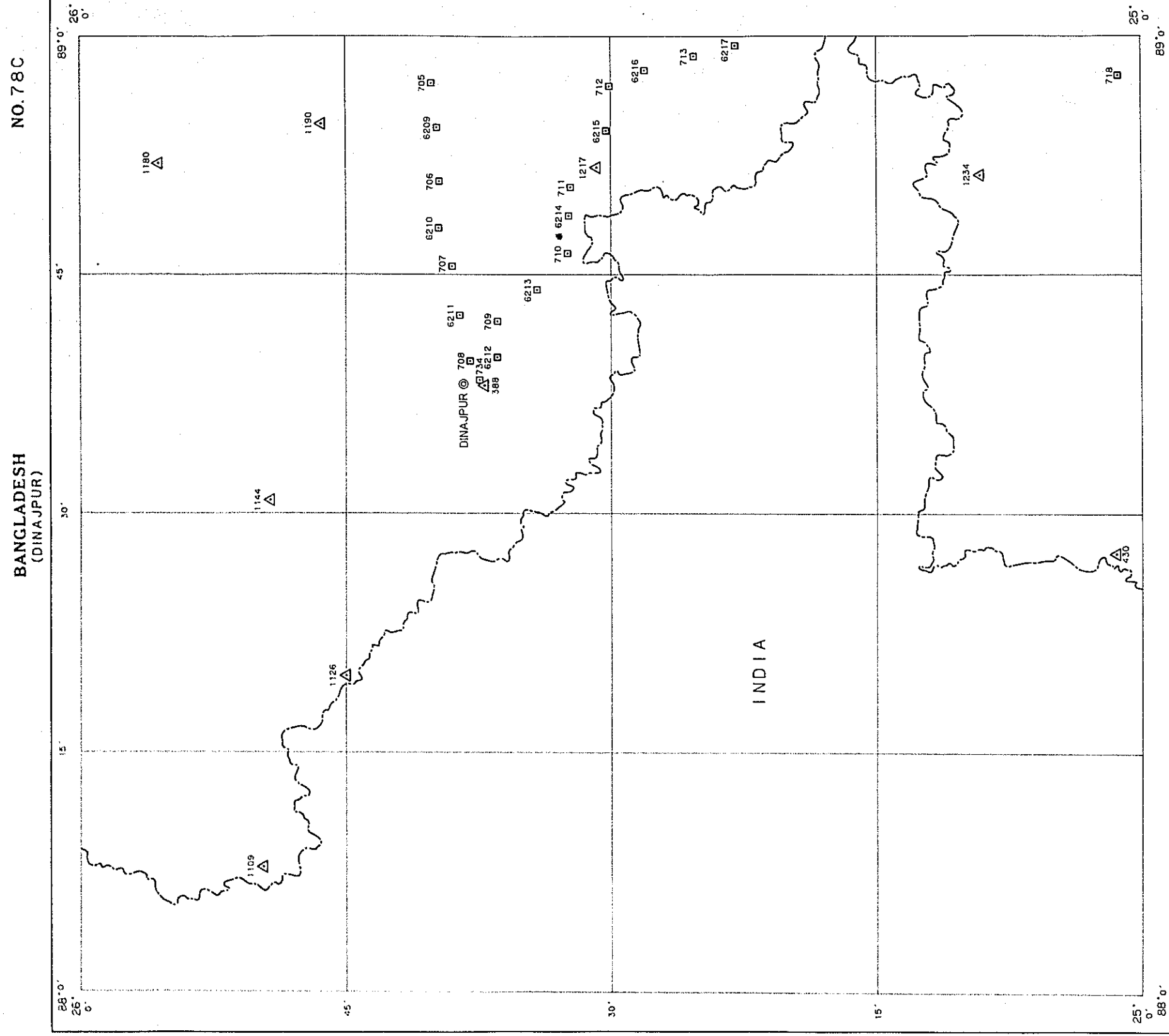
Control Station.....⊙  
Bench Mark.....△  
International Boundary.....---

Prepared by : Japan International  
Cooperation Agency  
(JICA)

For : Survey of Bangladesh  
March 1995

# INDEX MAP

## LEVELLING BENCH MARKS HORIZONTAL CONTROL STATIONS



|     |     |     |     |
|-----|-----|-----|-----|
| 78B | 78F |     |     |
| 78C | 78G | 78K | 78O |
| 78D | 78H | 78L | 78P |
| 78A | 78E | 78I | 78M |
| 78B |     | 78J | 78N |

Scale 1 : 250,000

Control Station.....△  
Bench Mark.....□  
International Boundary.....- - - - -

Prepared by : Japan International  
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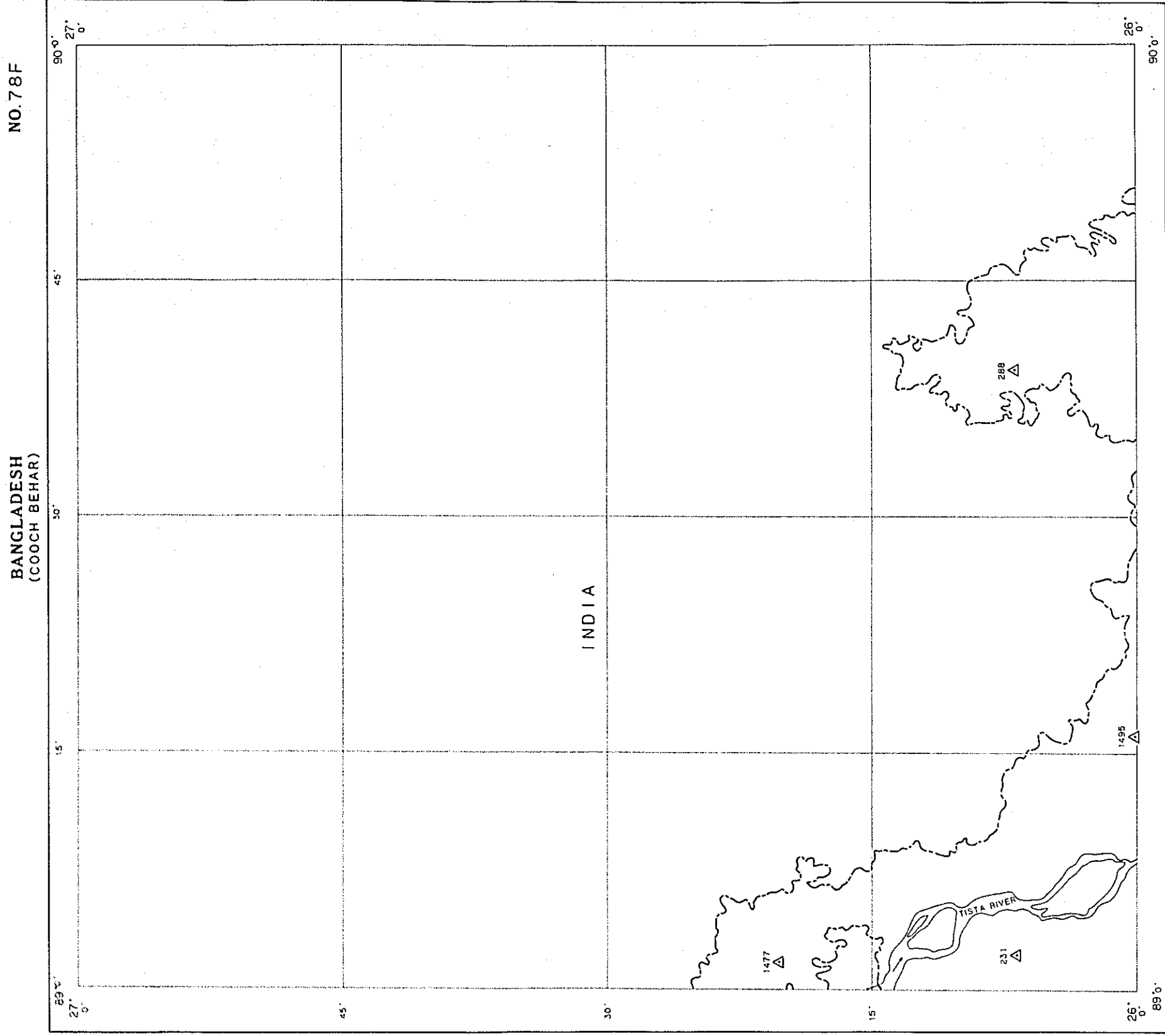
For : Survey of Bangladesh  
March 1995





# INDEX MAP

## LEVELLING BENCH MARKS HORIZONTAL CONTROL STATIONS



Scale 1 : 250,000

|     |     |     |     |      |      |      |
|-----|-----|-----|-----|------|------|------|
| 76B | 76F | 76C | 76G | 76K  | 76O  | 76S  |
| 76D | 76H | 76L | 76P | 76R  | 76T  | 76V  |
| 76E | 76I | 76M | 76Q | 76U  | 76W  | 76Y  |
| 76J | 76N | 76X | 76Z | 76AA | 76AB | 76AC |

Control Station

Bench Mark

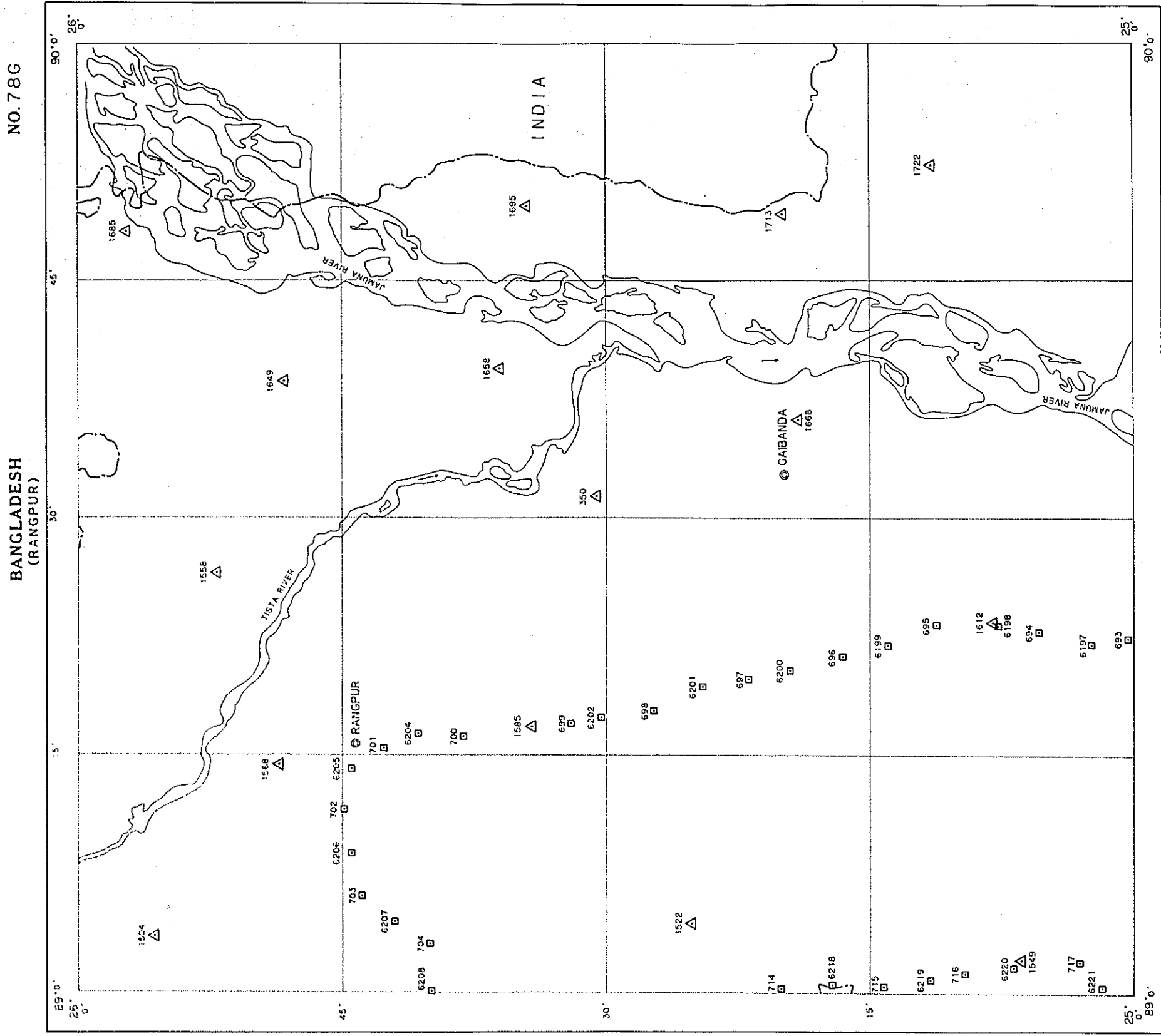
International Boundary

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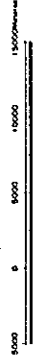
# INDEX MAP

## LEVELLING BENCH MARKS HORIZONTAL CONTROL STATIONS



|     |     |     |     |     |
|-----|-----|-----|-----|-----|
| 78B | 78F |     |     |     |
| 78C | 78G | 78K | 78O | 83C |
| 78D | 78H | 78L | 78P | 83D |
| 79A | 79E | 79I | 79M |     |
| 79B |     | 79J | 79N |     |

Scale 1 : 250,000



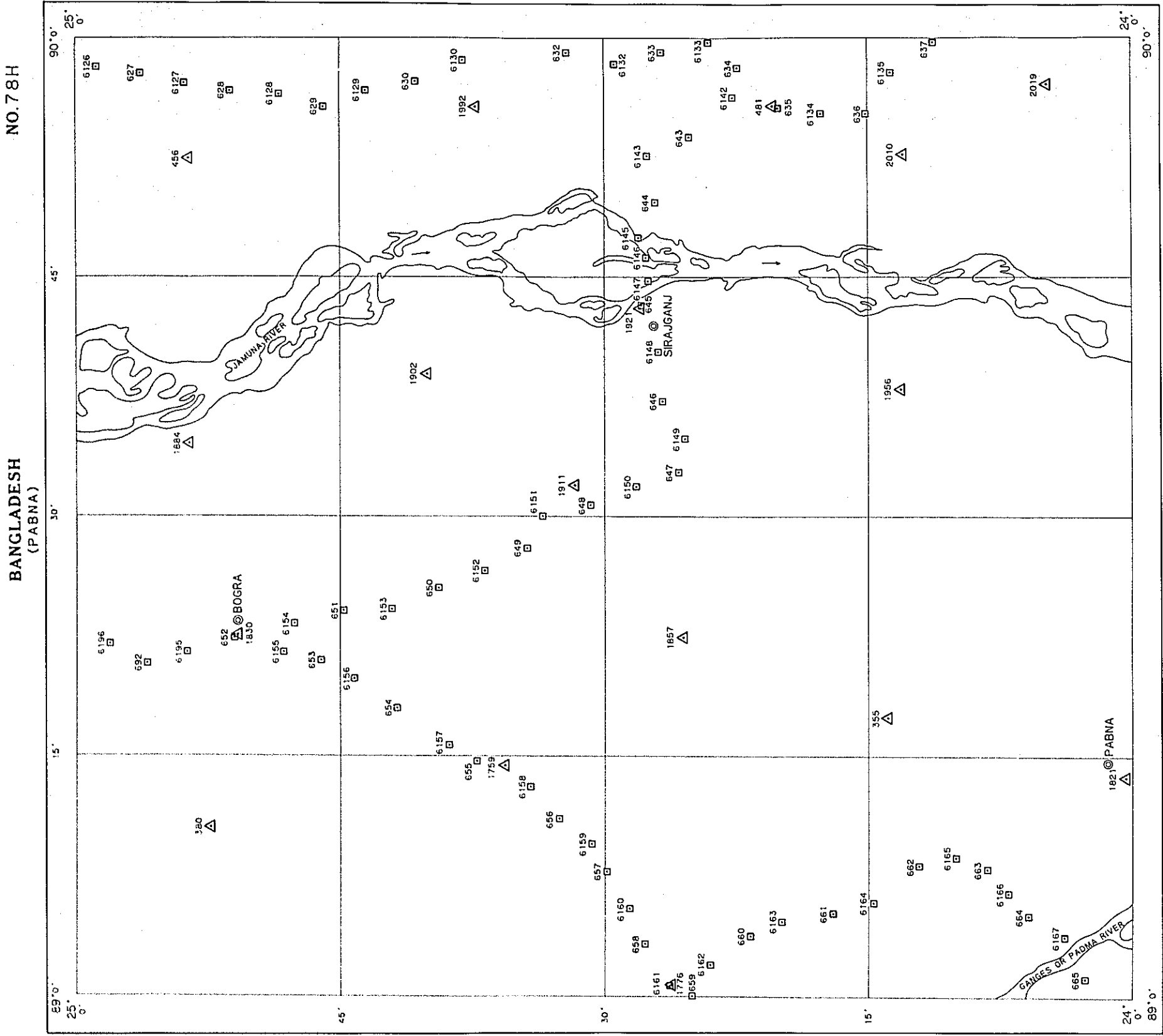
Control Station .....  $\triangle$   
Bench Mark .....  $\square$   
International Boundary ..... - - - - -

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# INDEX MAP

## LEVELLING BENCH MARKS HORIZONTAL CONTROL STATIONS



|     |     |     |     |
|-----|-----|-----|-----|
| 78B | 78F |     |     |
| 78C | 78G | 78K | 78O |
|     |     |     | 83C |
| 78D | 78H | 78L | 78P |
|     |     |     | 83D |
| 78A | 78E | 78I | 78M |
| 78B |     | 78J | 78N |

Scale 1 : 250,000

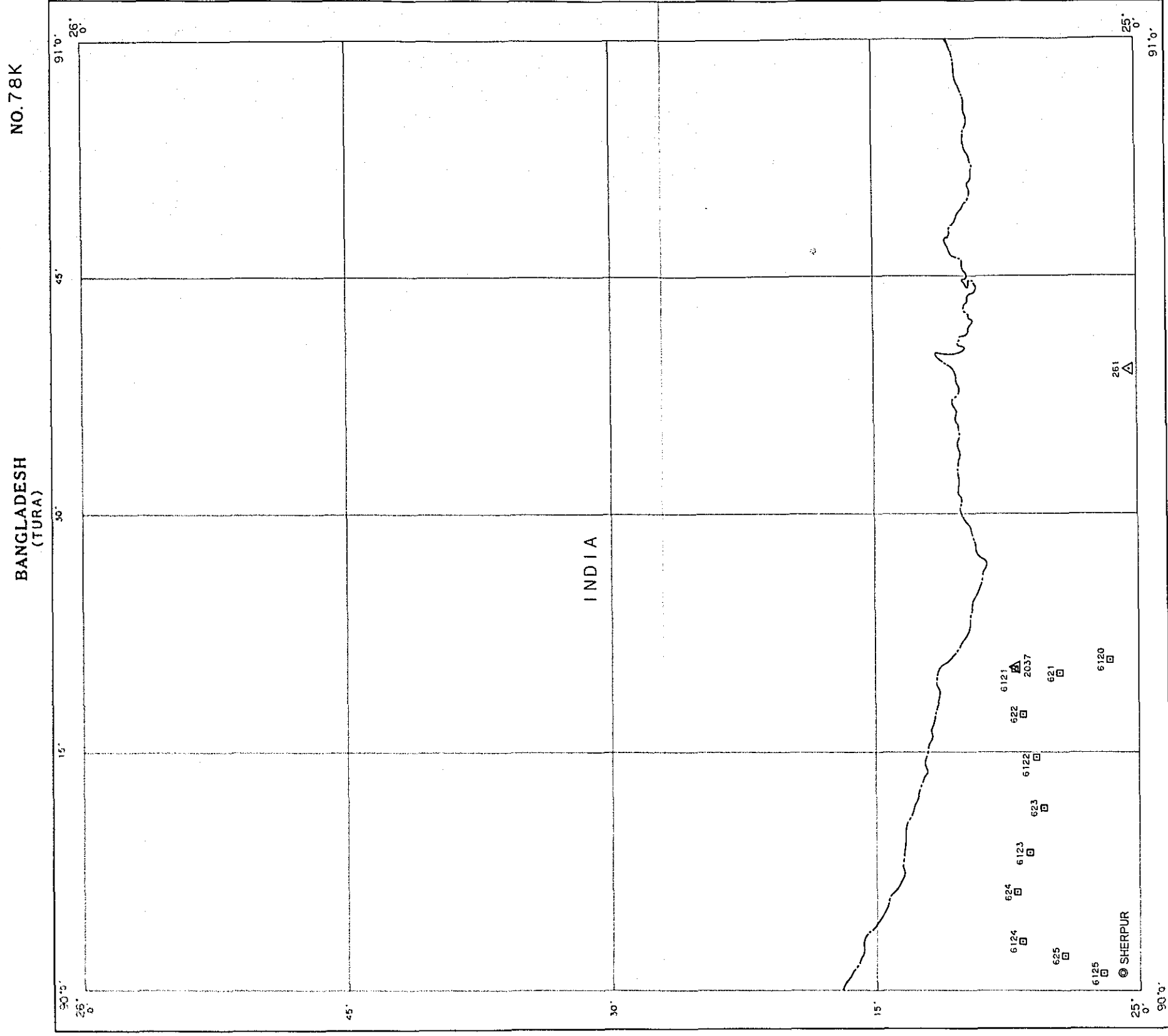
Control Station.....△  
Bench Mark.....□  
International Boundary.....- - - - -

Prepared by : Japan International  
Cooperation Agency  
(JICA)

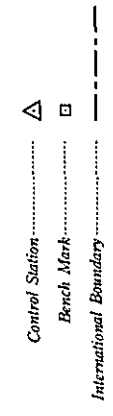
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## LEVELLING BENCH MARKS HORIZONTAL CONTROL STATIONS



|     |     |     |     |
|-----|-----|-----|-----|
| 78B | 78F |     |     |
| 78C | 78G | 78K | 78O |
| 78D | 78H | 78L | 78P |
| 78A | 78E | 79I | 79M |
| 78J |     | 79J | 79N |



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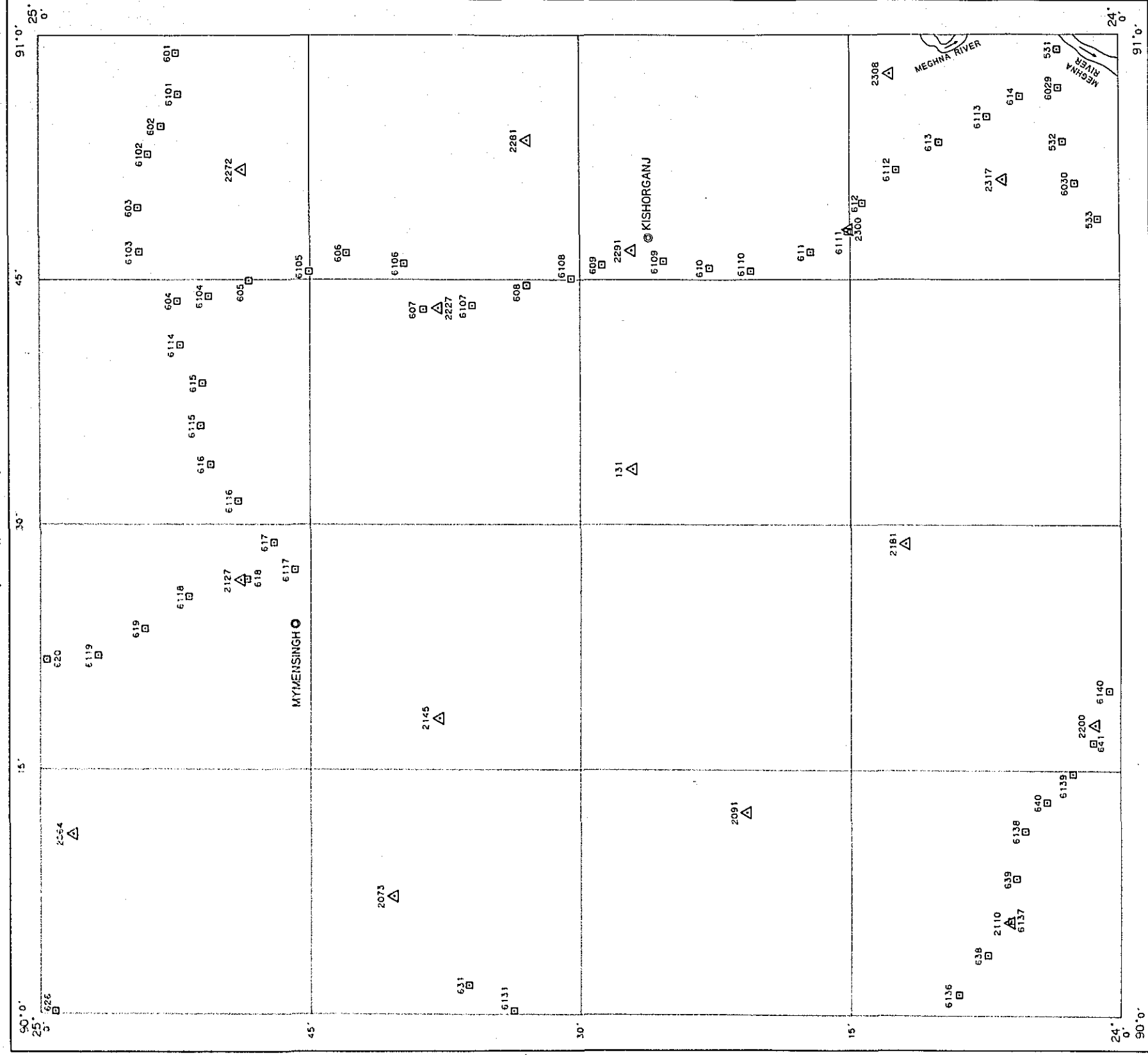
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# INDEX MAP

## LEVELLING BENCH MARKS HORIZONTAL CONTROL STATIONS

BANGLADESH  
(MYMENSINGH)

NO.78L



|     |     |     |     |
|-----|-----|-----|-----|
| 78B | 78F |     |     |
| 78C | 78G | 78K | 78D |
| 78D | 78H | 78L | 78P |
| 78E | 78I | 78M | 78N |
| 78J | 78O | 78Q | 78R |

Scale 1 : 250,000

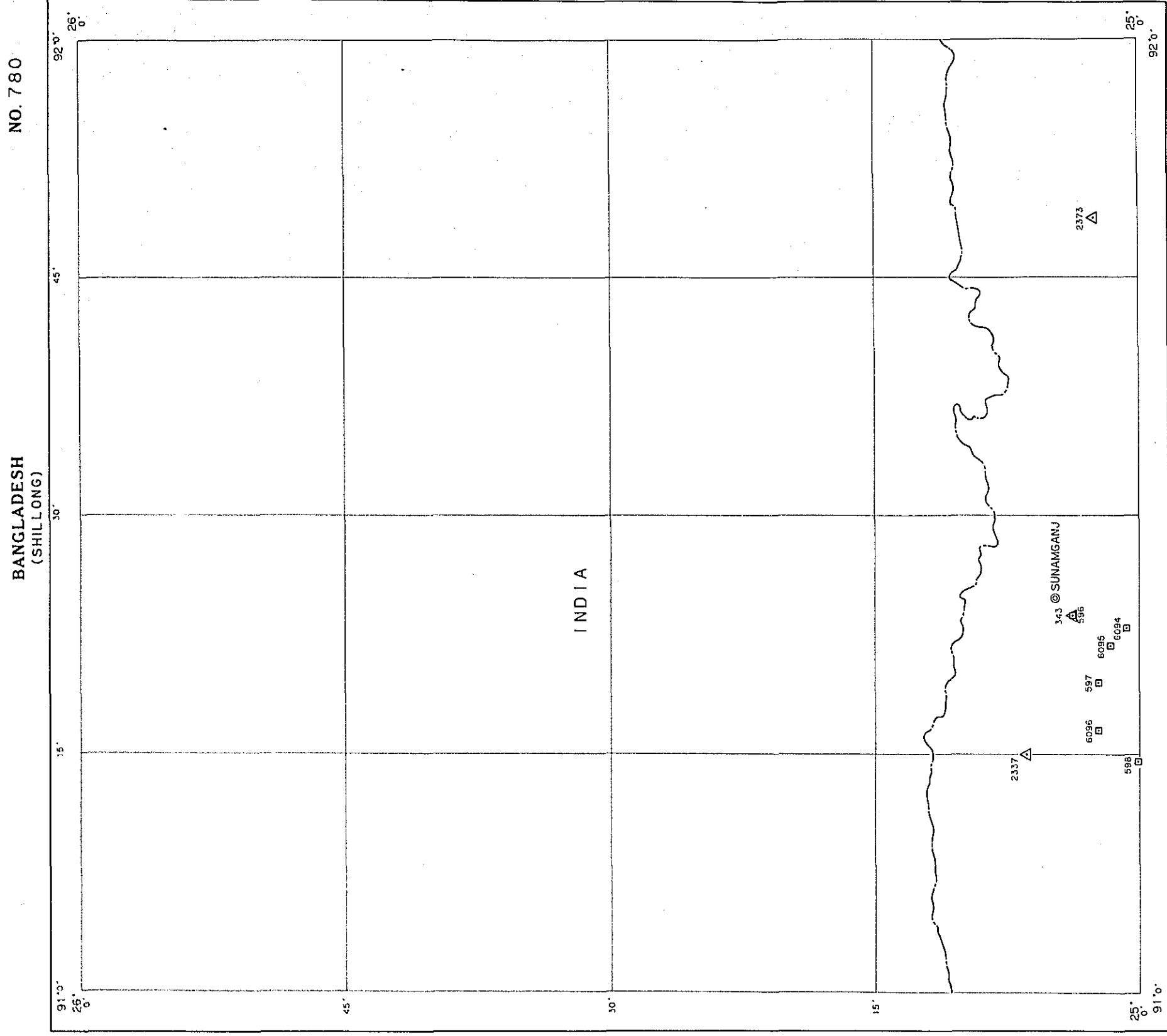
Control Station .....  $\Delta$   
Bench Mark .....  $\square$   
International Boundary ..... - - - - -

Prepared by : Japan International  
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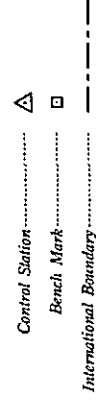
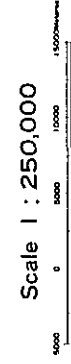
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# INDEX MAP

## LEVELLING BENCH MARKS HORIZONTAL CONTROL STATIONS



|     |     |     |     |
|-----|-----|-----|-----|
| 78B | 78F |     |     |
| 78C | 78G | 78K | 78O |
| 78D | 78H | 78L | 78P |
| 78A | 78E | 78I | 78M |
| 78B |     | 78J | 78N |

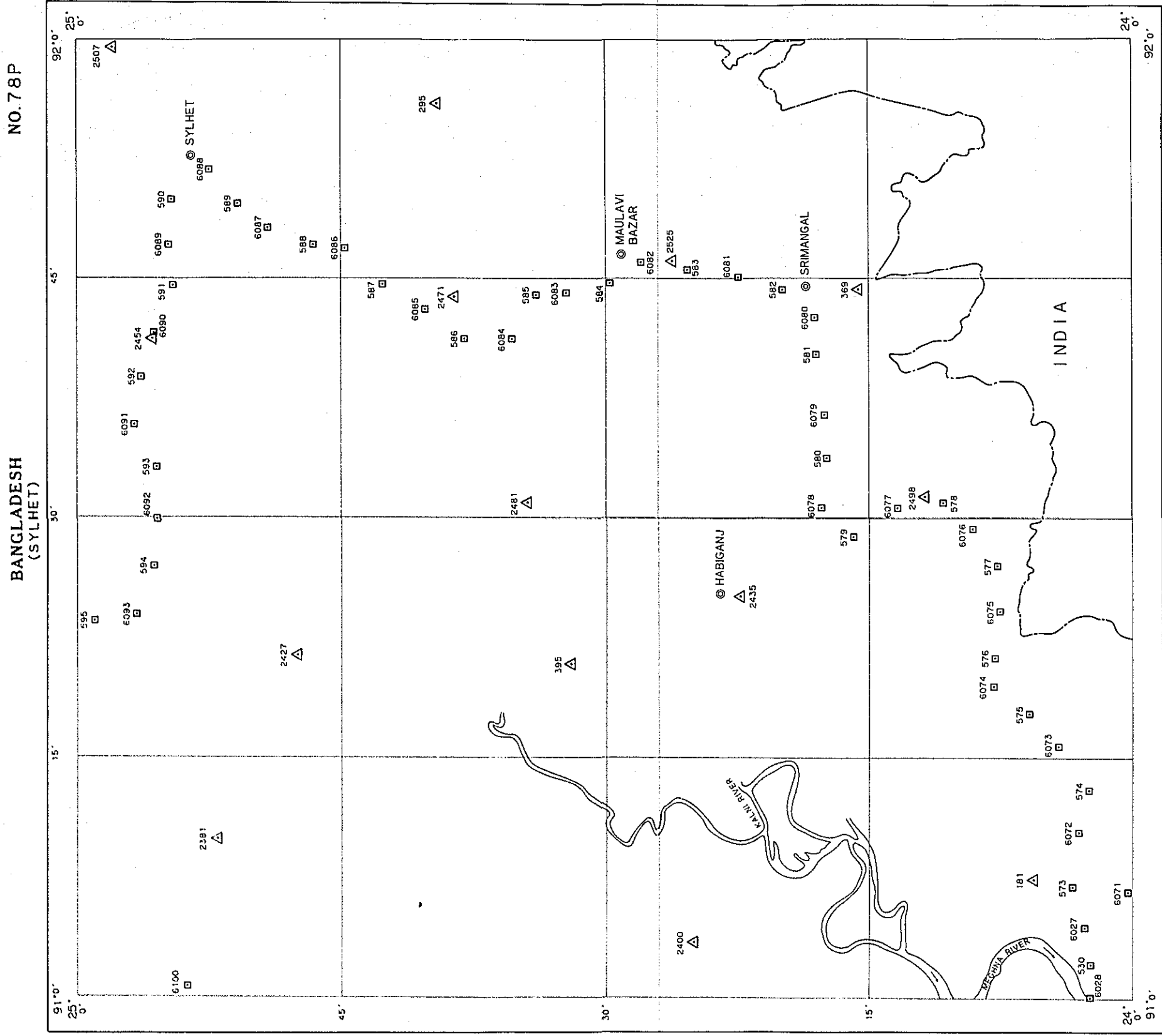


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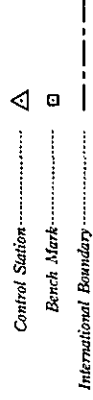
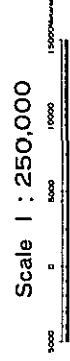
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# INDEX MAP

## LEVELLING BENCH MARKS HORIZONTAL CONTROL STATIONS



|     |     |     |     |
|-----|-----|-----|-----|
| 78B | 78F |     |     |
| 78C | 78G | 78K | 78O |
| 78D | 78H | 78L | 78P |
| 78A | 78E | 78I | 78M |
| 78B |     | 78J | 78N |



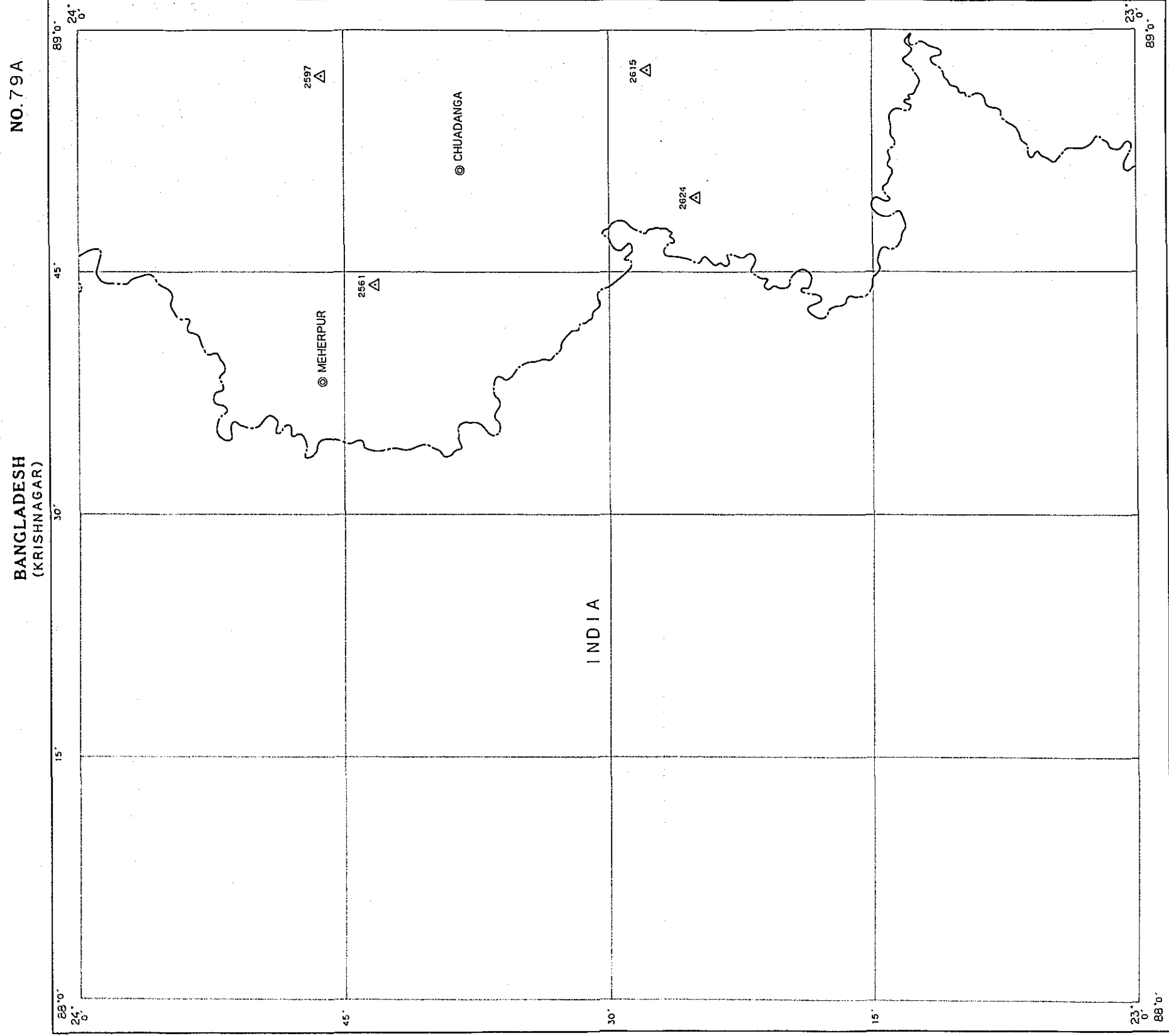
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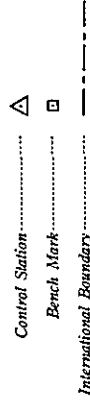
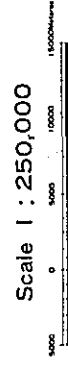


# INDEX MAP

## LEVELLING BENCH MARKS HORIZONTAL CONTROL STATIONS



|     |     |     |     |     |
|-----|-----|-----|-----|-----|
| 78B | 78F |     |     |     |
| 78C | 78G | 78K | 78O | 83C |
| 78D | 78H | 78L | 78P | 83D |
| 78A | 78E | 78I | 78M |     |
| 78B |     | 78J | 78N |     |

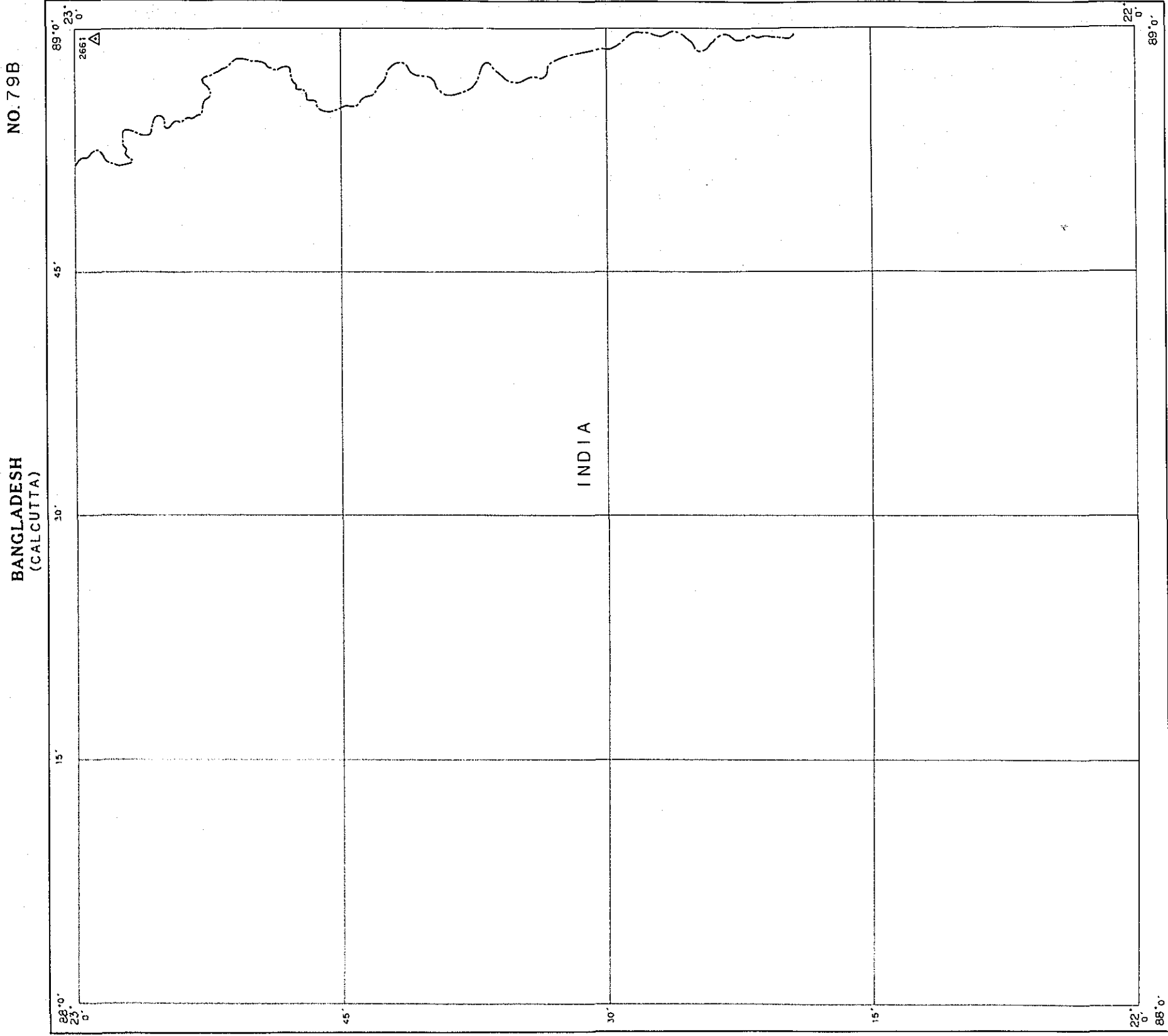


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# INDEX MAP

## LEVELLING BENCH MARKS HORIZONTAL CONTROL STATIONS



|     |     |     |     |     |
|-----|-----|-----|-----|-----|
| 78B | 78F |     |     |     |
| 78C | 78G | 78K | 78O | 83C |
| 78D | 78H | 78L | 78P | 83D |
| 78A | 78E | 79I | 79M |     |
| 78B |     | 79J | 79N |     |

Scale 1 : 250,000

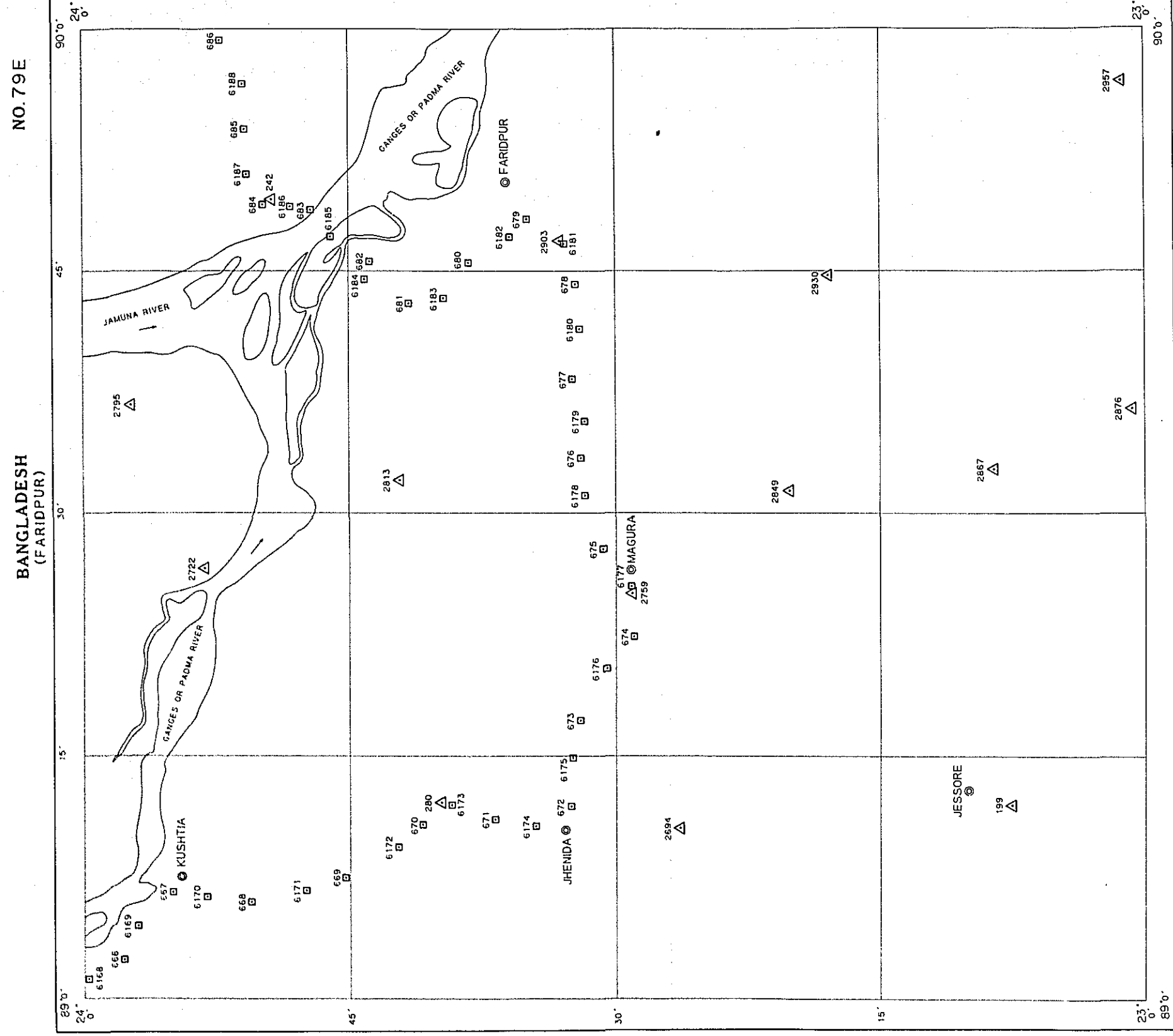
Control Station .....  
 Bench Mark .....  
 International Boundary .....

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## LEVELLING BENCH MARKS HORIZONTAL CONTROL STATIONS



Scale 1 : 250,000

|     |     |     |     |
|-----|-----|-----|-----|
| 78B | 78F |     |     |
| 78C | 78G | 78O | 83C |
| 78D | 78H | 78L | 83D |
| 78A | 78E | 79I | 79M |
| 789 |     | 79J | 79N |

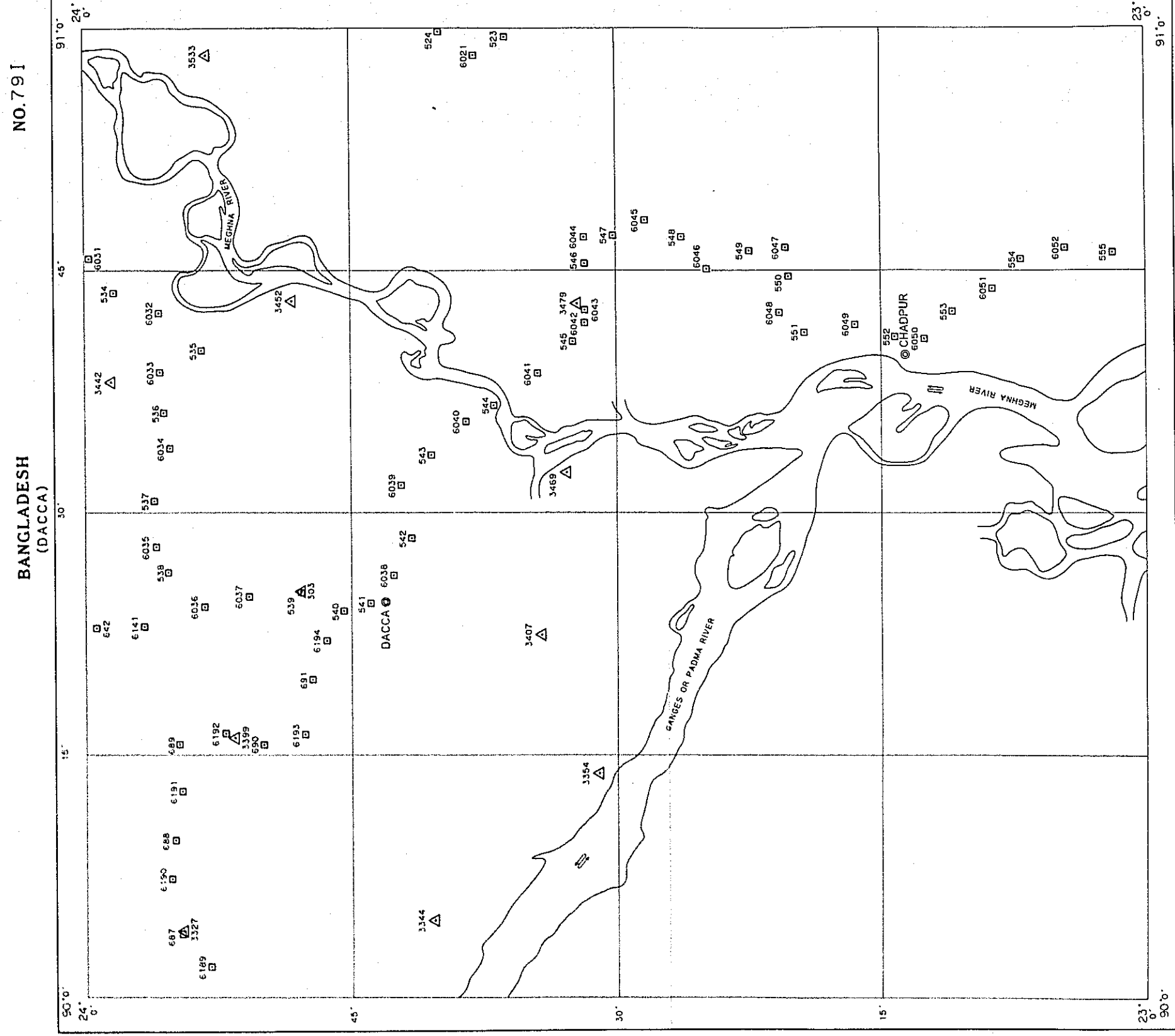
Control Station.....△  
 Bench Mark.....□  
 International Boundary.....---

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For : Survey of Bangladesh  
 March 1995

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## LEVELLING BENCH MARKS HORIZONTAL CONTROL STATIONS



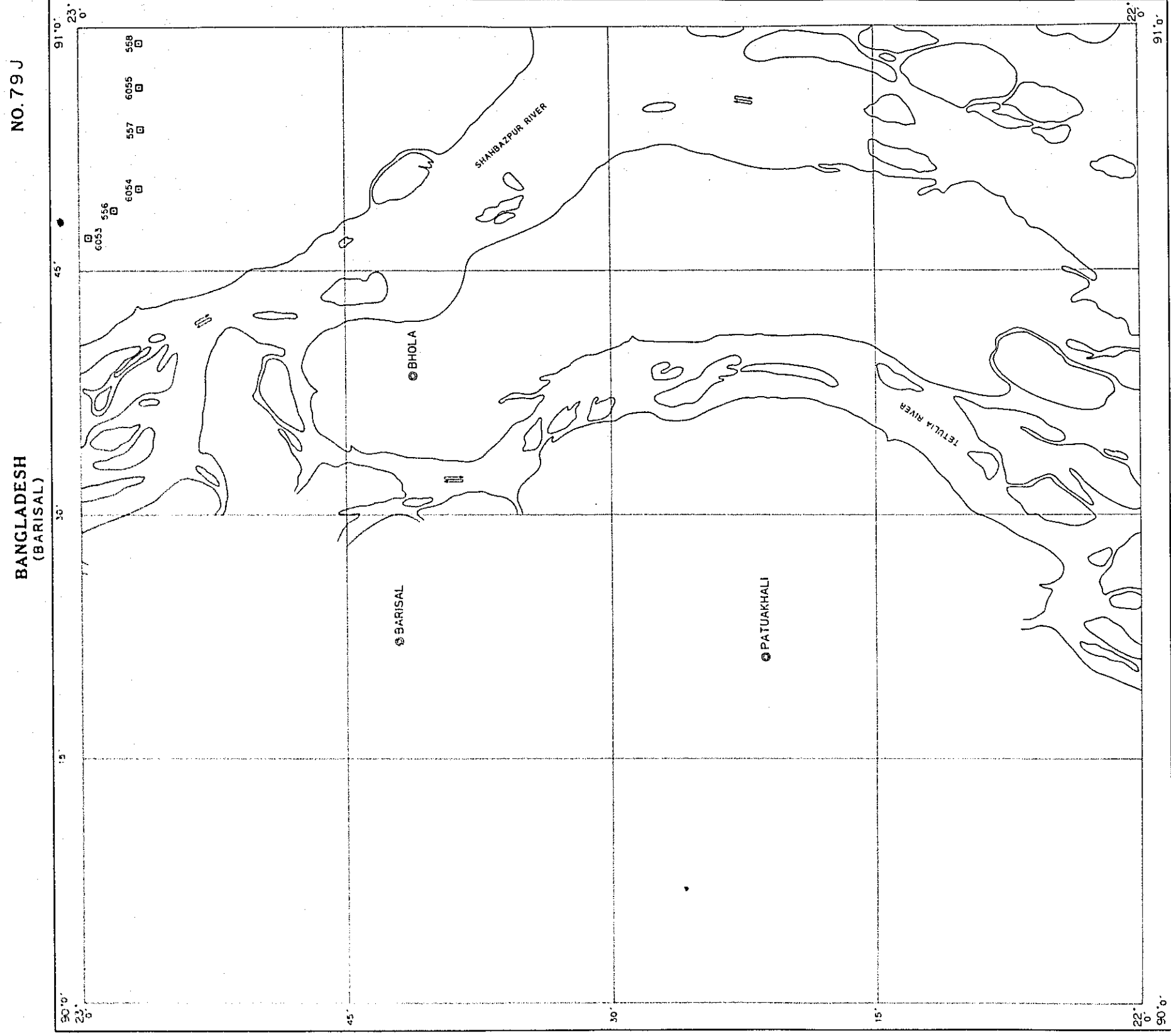
|     |     |     |     |
|-----|-----|-----|-----|
| 78B | 78F |     |     |
| 78C | 78G | 78K | 83C |
| 78D | 78M | 78L | 78P |
| 78A | 78E | 79I | 79M |
| 78H |     | 79J | 79N |

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For : Survey of Bangladesh  
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## LEVELLING BENCH MARKS HORIZONTAL CONTROL STATIONS



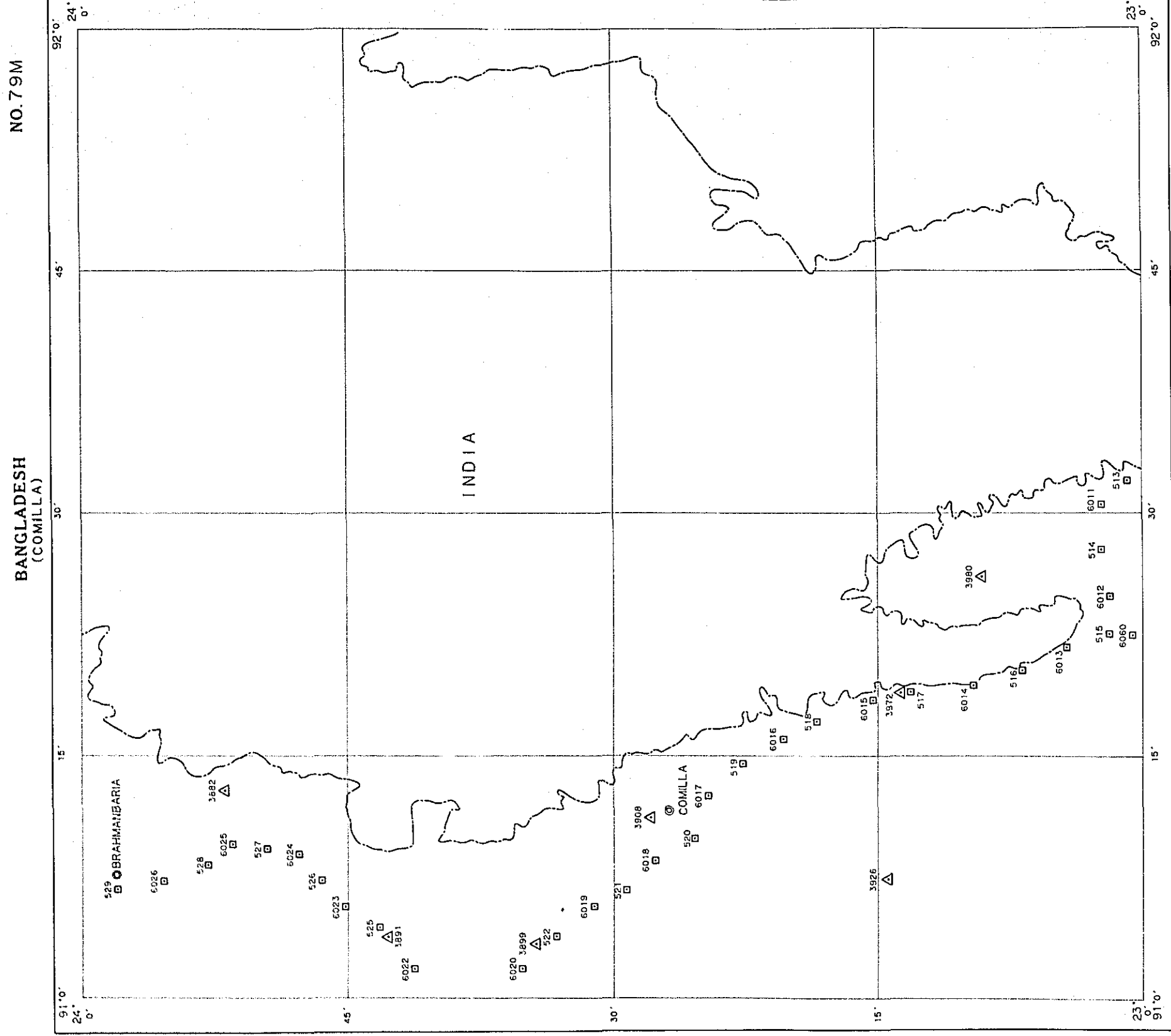
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|-----|-----|-----|-----|-----|
| 78B | 78F |     |     |     |
| 78C | 78G | 78K | 78O | 83C |
| 78D | 78H | 78L | 78P | 83D |
| 79A | 79E | 79I | 79M |     |
| 79B |     | 79J | 79N |     |

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## LEVELLING BENCH MARKS HORIZONTAL CONTROL STATIONS



Scale 1 : 250,000

|     |     |     |     |
|-----|-----|-----|-----|
| 78B | 78F |     |     |
| 78C | 78G | 78K | 78O |
| 78D | 78H | 78L | 78P |
| 78A | 78E | 78I | 78M |
| 78J | 78N |     |     |

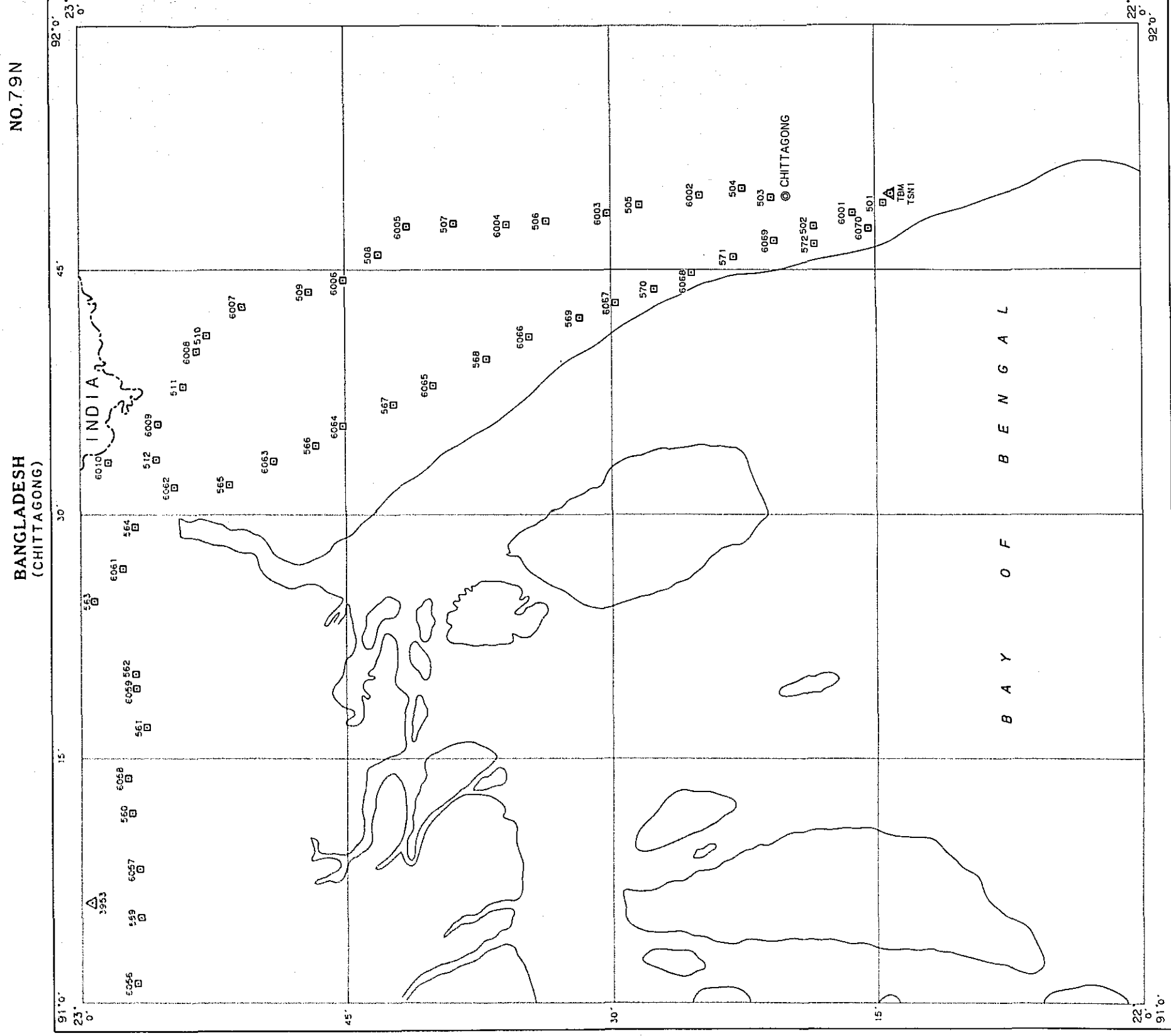
Control Station.....△  
Bench Mark.....□  
International Boundary.....---

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## LEVELLING BENCH MARKS HORIZONTAL CONTROL STATIONS



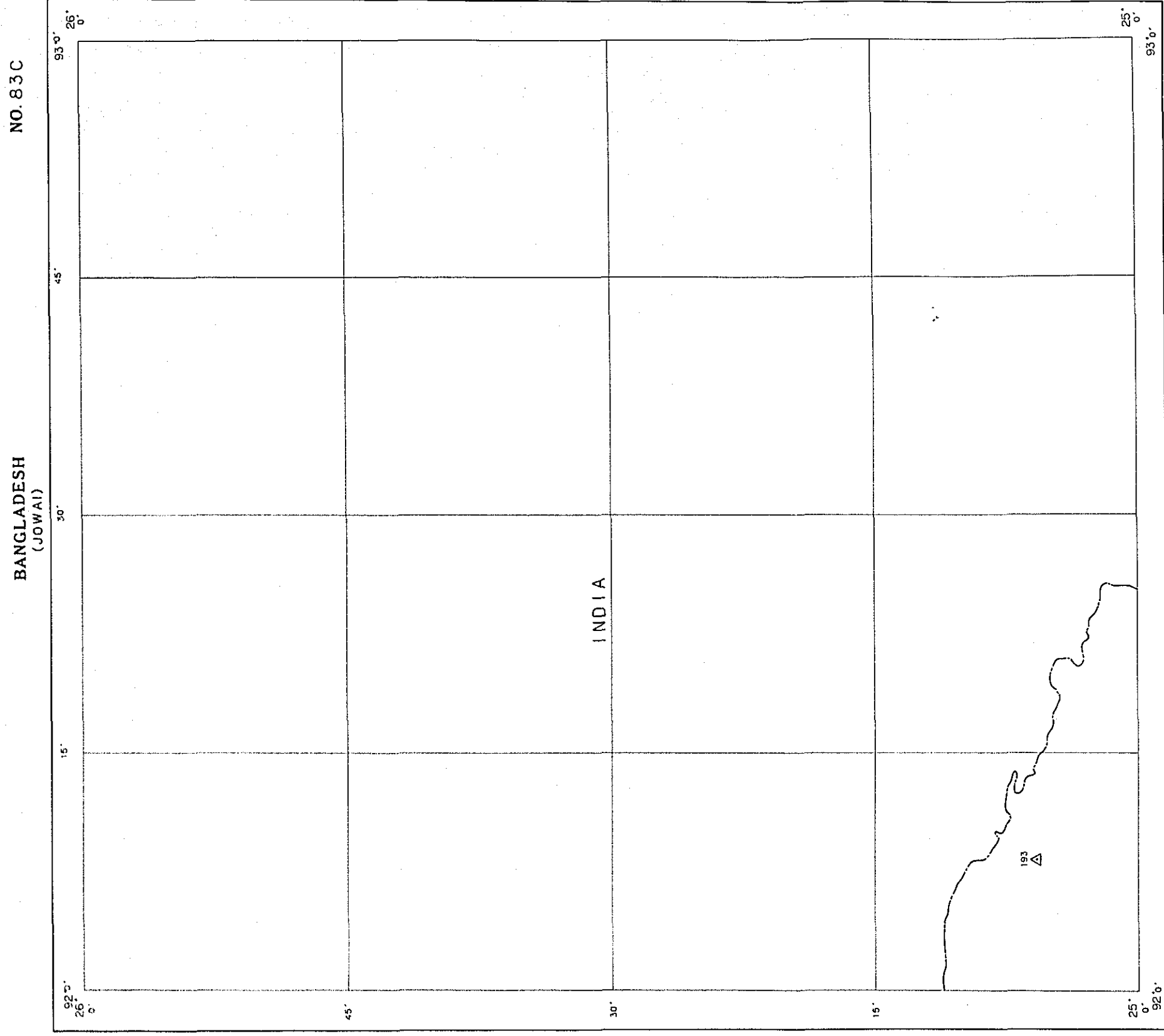
|     |     |     |     |     |
|-----|-----|-----|-----|-----|
| 78B | 78F |     |     |     |
| 78C | 78G | 78K | 78O | 83C |
| 78D | 78H | 78L | 78P | 83D |
| 78A | 78E | 78I | 78M |     |
| 78S |     | 78J | 78N |     |

Prepared by : Japan International  
Cooperation Agency  
(JICA)

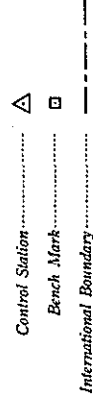
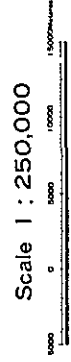
For : Survey of Bangladesh  
March 1995

# INDEX MAP

## LEVELLING BENCH MARKS HORIZONTAL CONTROL STATIONS



|     |     |     |     |
|-----|-----|-----|-----|
| 788 | 78F |     |     |
| 78C | 78G | 78K | 78O |
| 78D | 78H | 78L | 78P |
| 78A | 78E | 78I | 78M |
| 78B |     | 78J | 78N |
|     |     |     | 83C |
|     |     |     | 83D |



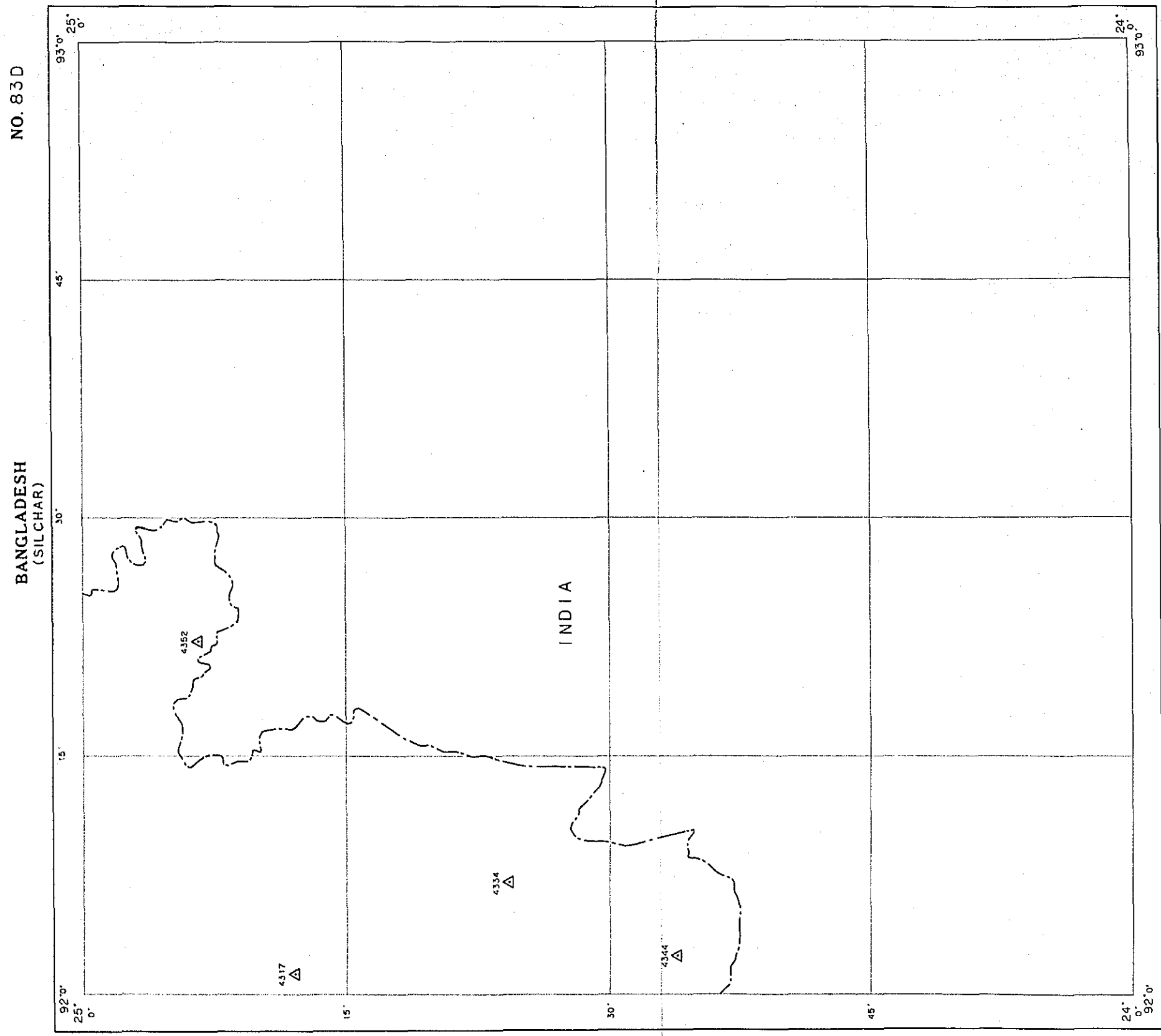
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# INDEX MAP

## LEVELLING BENCH MARKS HORIZONTAL CONTROL STATIONS



|     |     |     |     |     |
|-----|-----|-----|-----|-----|
| 78B | 78F |     |     |     |
| 78C | 78G | 78K | 78O | 83C |
| 78D | 78H | 78L | 78P | 83D |
| 78A | 78E | 78I | 78M |     |
| 78S |     |     | 78J | 78N |

Scale 1 : 250,000



Control Station  $\triangle$

Bench Mark  $\square$

International Boundary  $-\cdot-\cdot-$

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