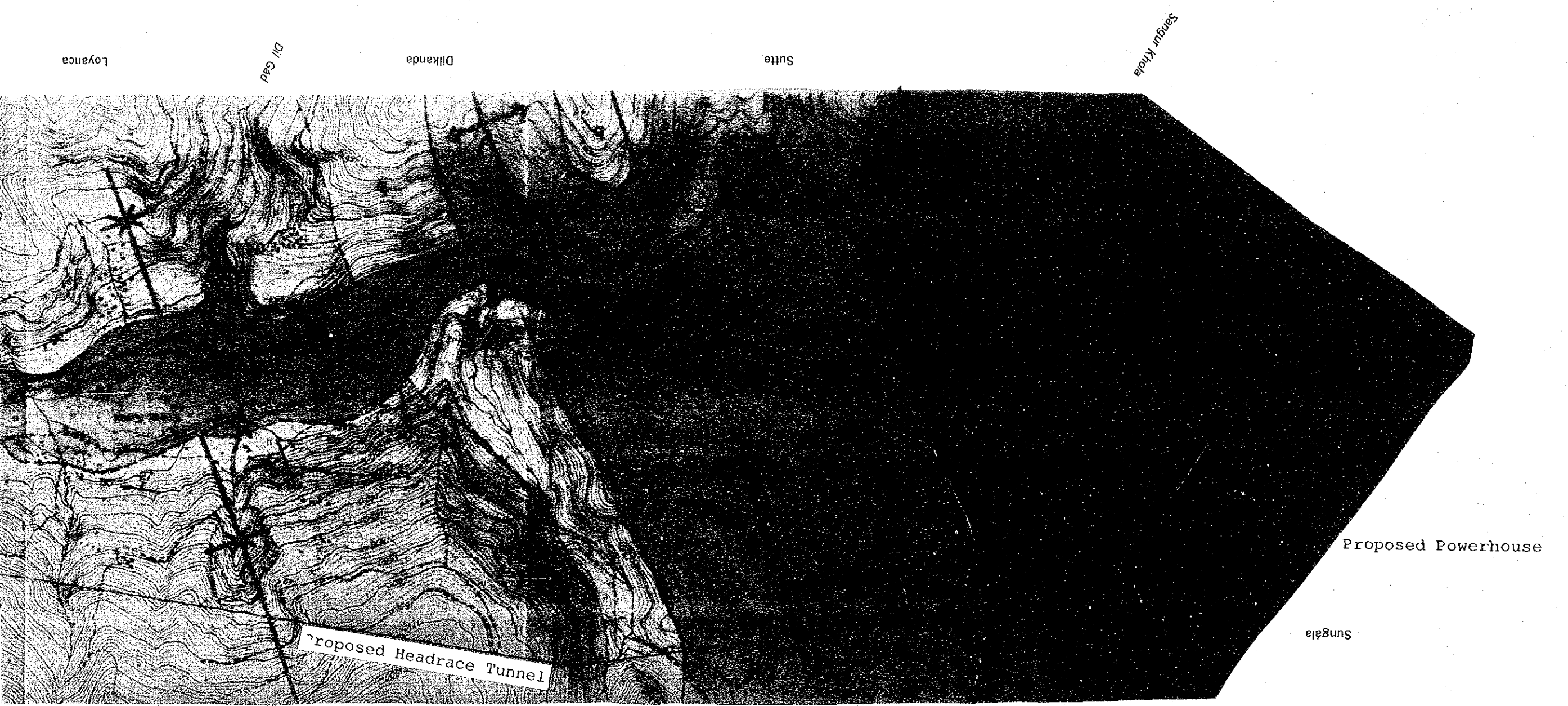


Figure 4.3.1 Geological Map of SR-3 Scheme Site



SCALE 1 : 20,000

HIS MAJESTY'S GOVERNMENT OF NEPAL  
WATER RESOURCES DEVELOPMENT OF  
THE UPPER KARNALI RIVER AND MAHAKALI RIVER BASINS  
JAPAN INTERNATIONAL COOPERATION AGENCY

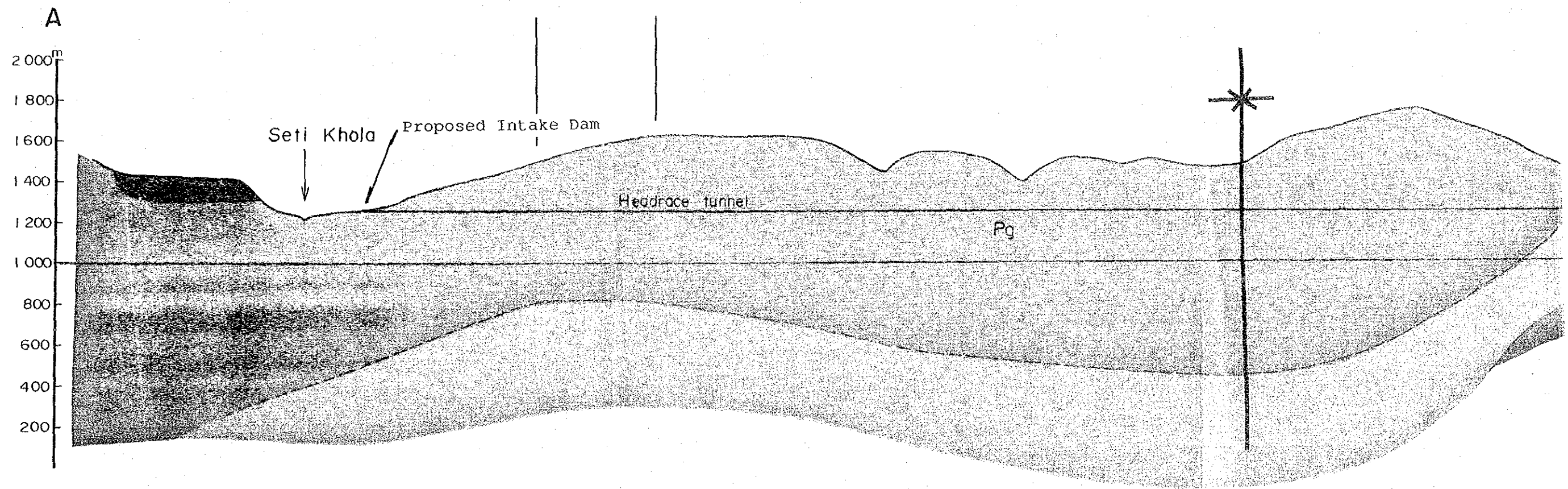
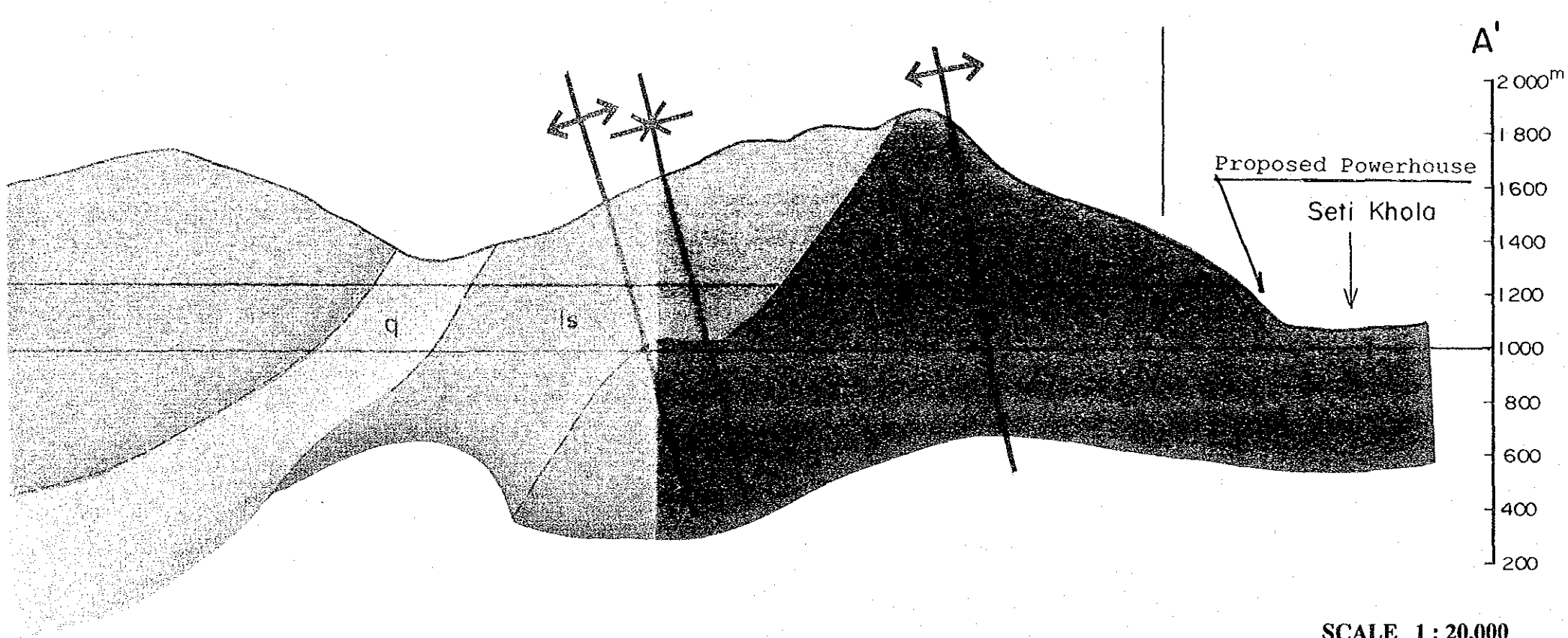









Figure 4.3.2 Geological Profile of SR-3 Scheme Site



Legend

-  alluvium
-  phyllite (greenish)
-  quartzite
-  limestone
-  phyllite (dark)
-  anticline
-  syncline

SCALE 1 : 20,000

HIS MAJESTY'S GOVERNMENT OF NEPAL  
 WATER RESOURCES DEVELOPMENT OF  
 THE UPPER KARNALI RIVER AND MAHAKALI RIVER BASINS  
 JAPAN INTERNATIONAL COOPERATION AGENCY



# SETI RIVER

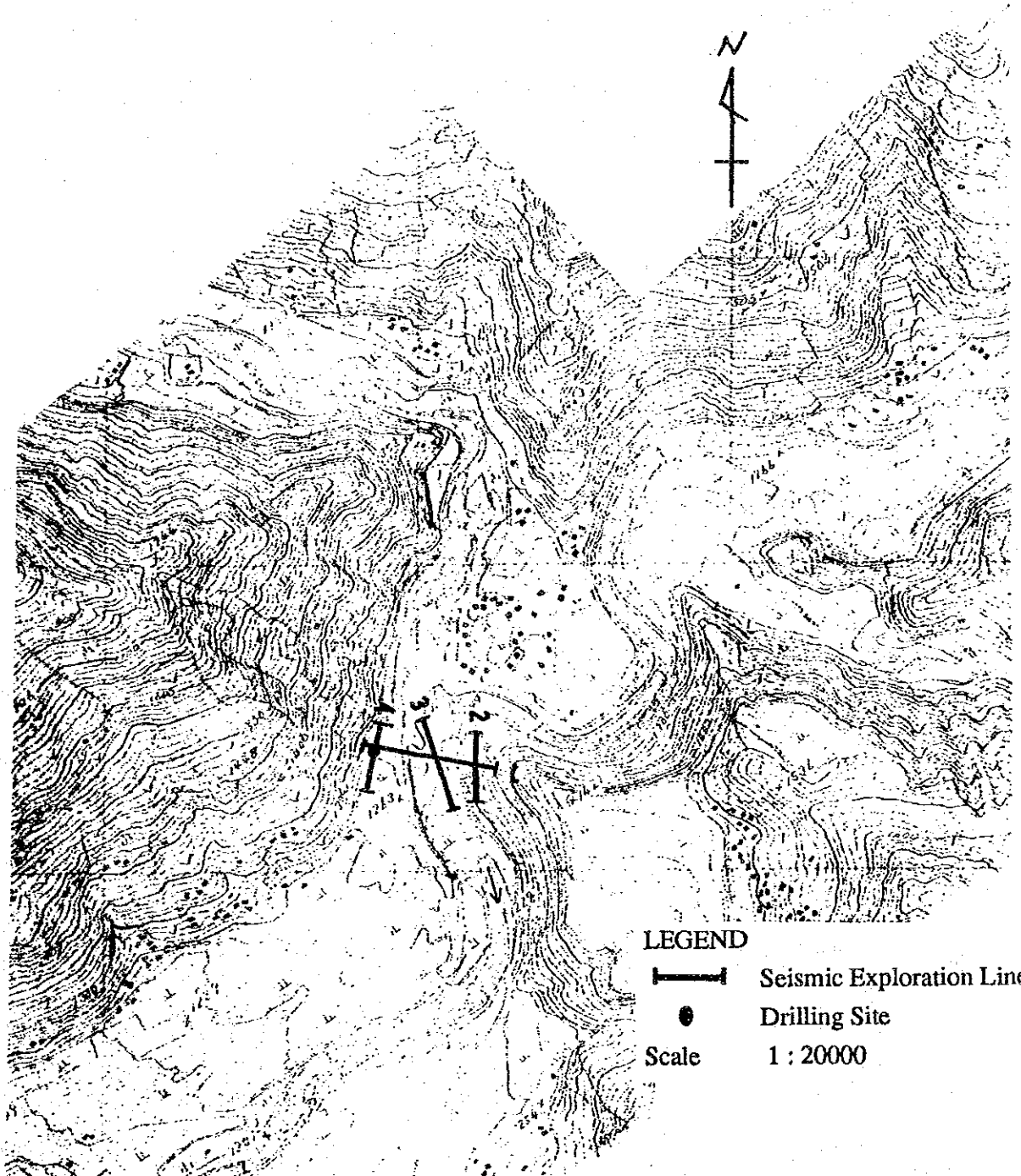


Figure 4.3.3 Location of Seismic Exploration in SR-3

HIS MAJESTY'S GOVERNMENT OF NEPAL  
WATER RESOURCES DEVELOPMENT OF  
THE UPPER KARNALI RIVER AND MAHAKALI RIVER BASINS  
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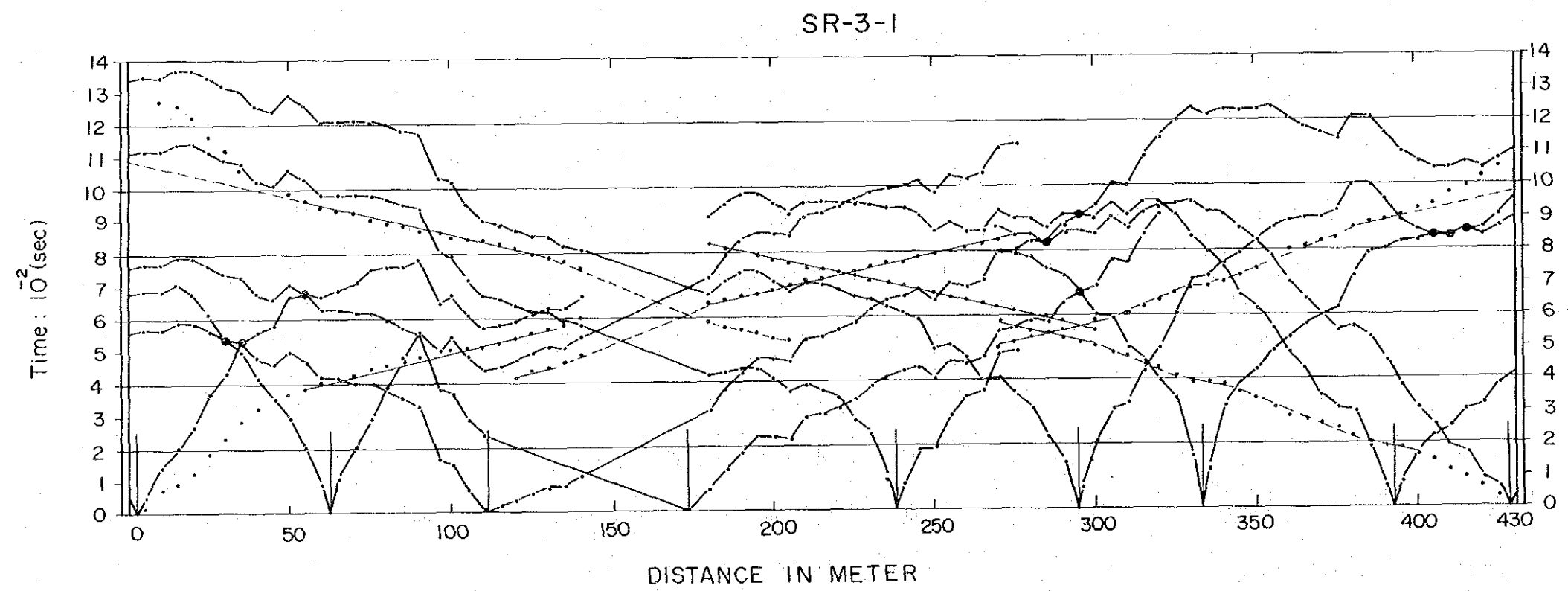
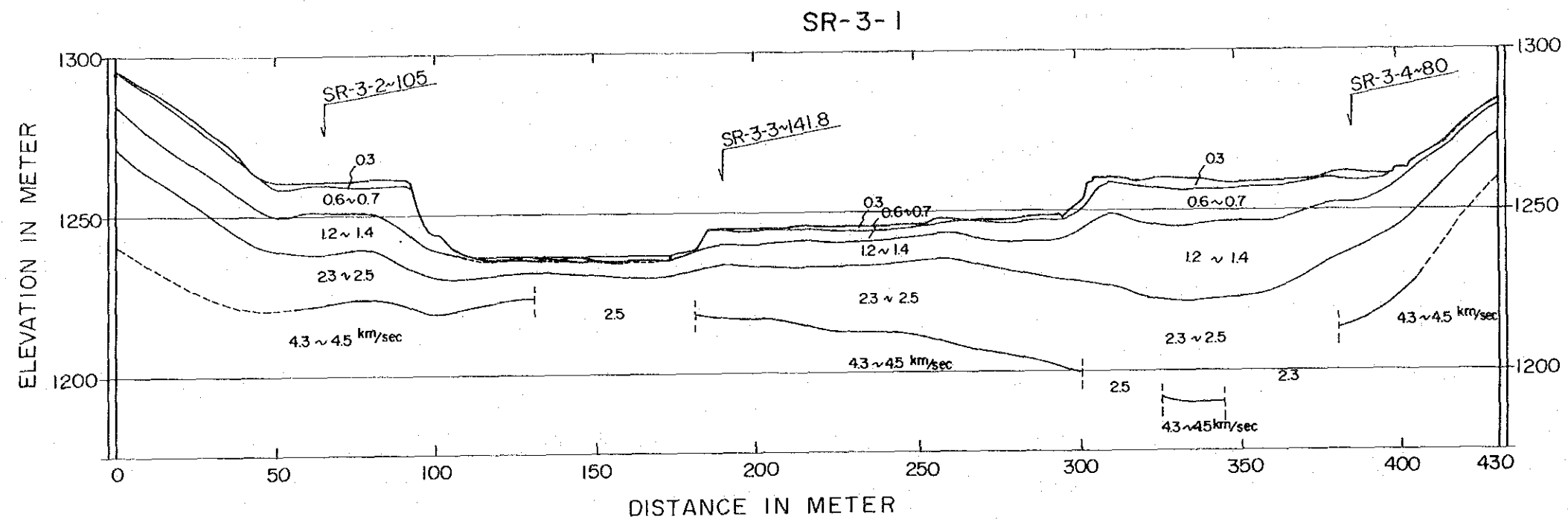


Figure 4.3.4 Seismic Velocity Profile and Time Distance Curve of Line 1 in SR-3

HIS MAJESTY'S GOVERNMENT OF NEPAL  
 WATER RESOURCES DEVELOPMENT OF  
 THE UPPER KARNALI RIVER AND MAHA KALI RIVER BASINS  
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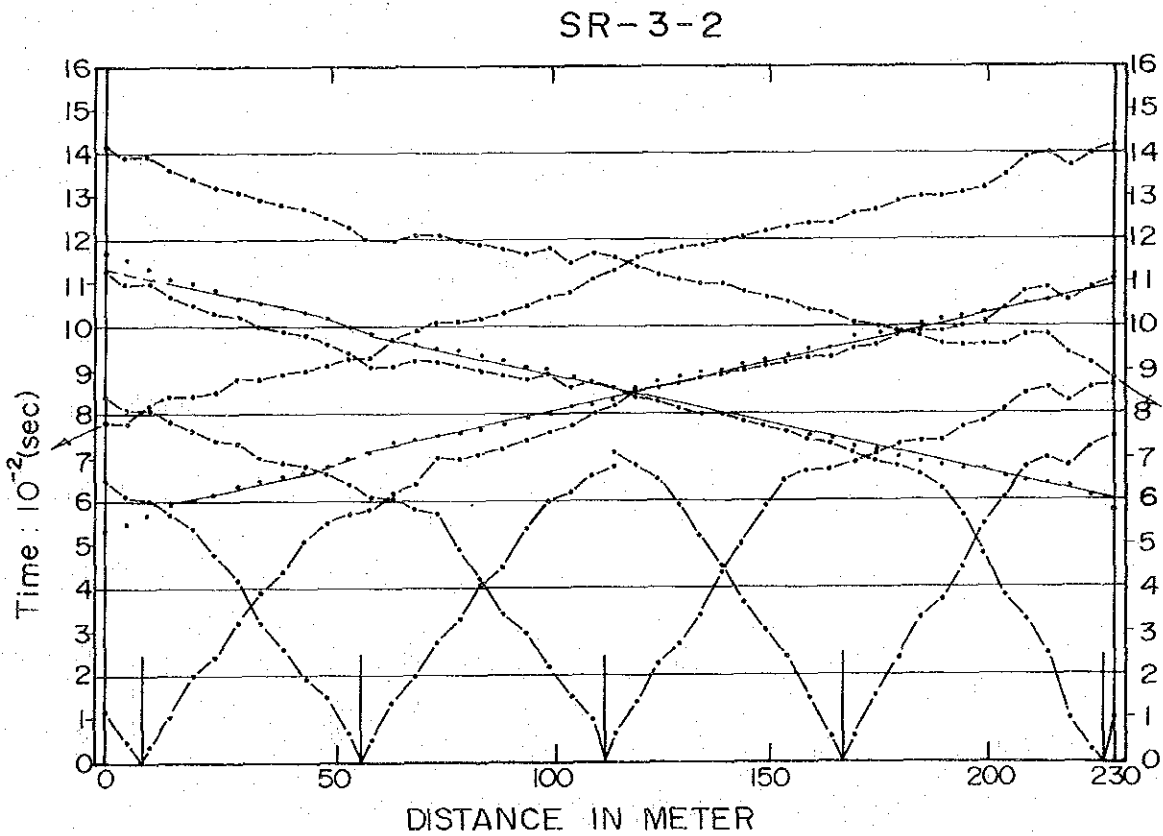
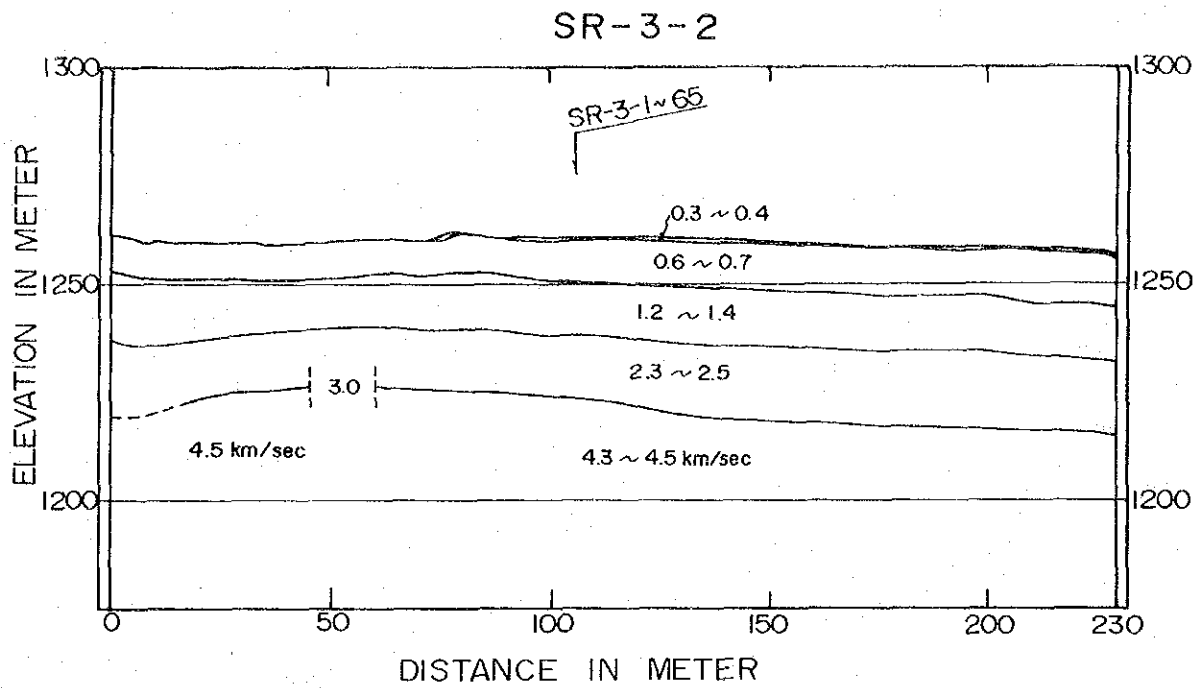


Figure 4.3.5 Seismic Velocity Profile and Time Distance Curve of Line 2 in SR-3

HIS MAJESTY'S GOVERNMENT OF NEPAL  
 WATER RESOURCES DEVELOPMENT OF  
 THE UPPER KARNALI RIVER AND MAHAKALI RIVER BASINS  
 JAPAN INTERNATIONAL COOPERATION AGENCY

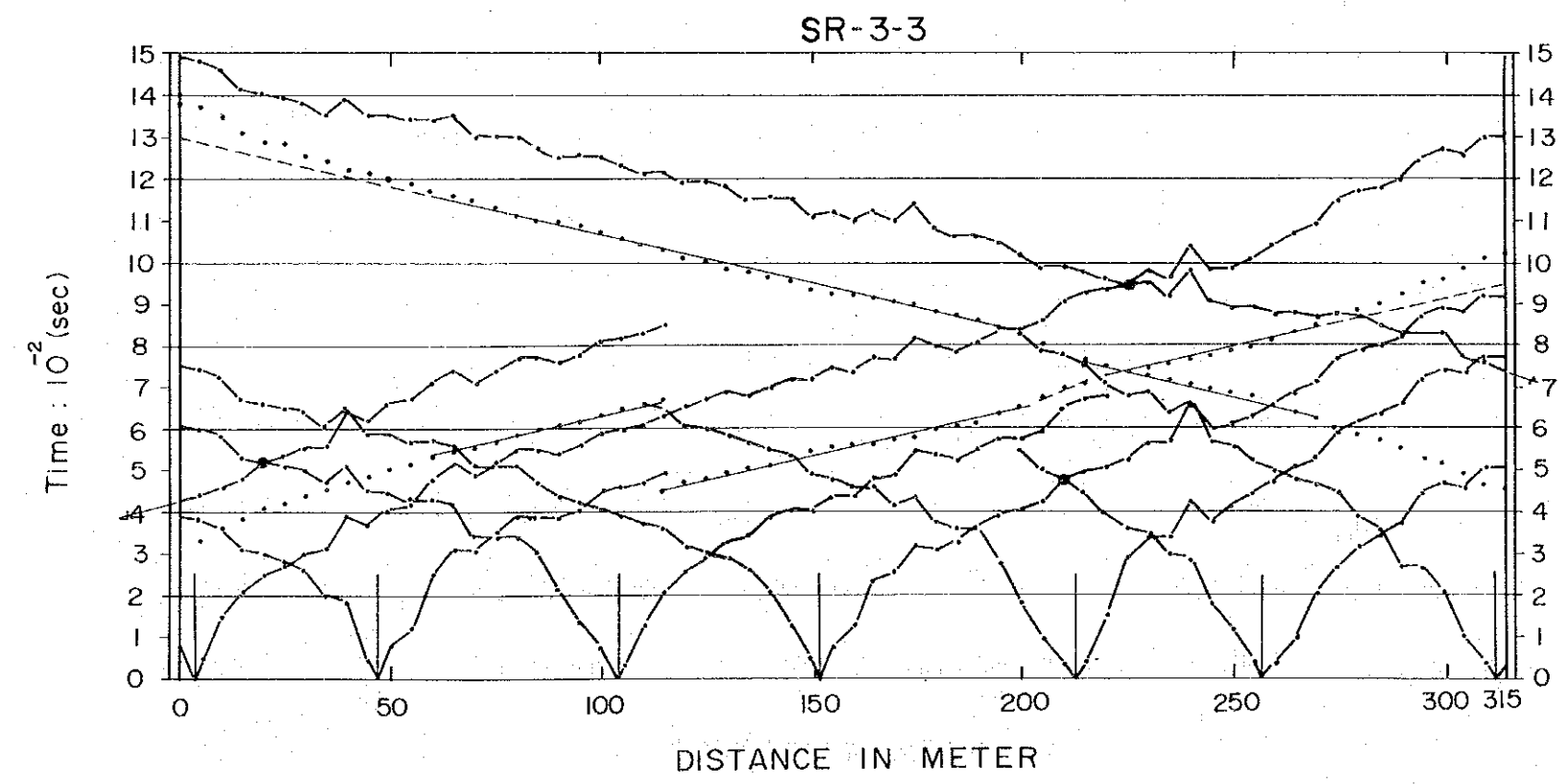
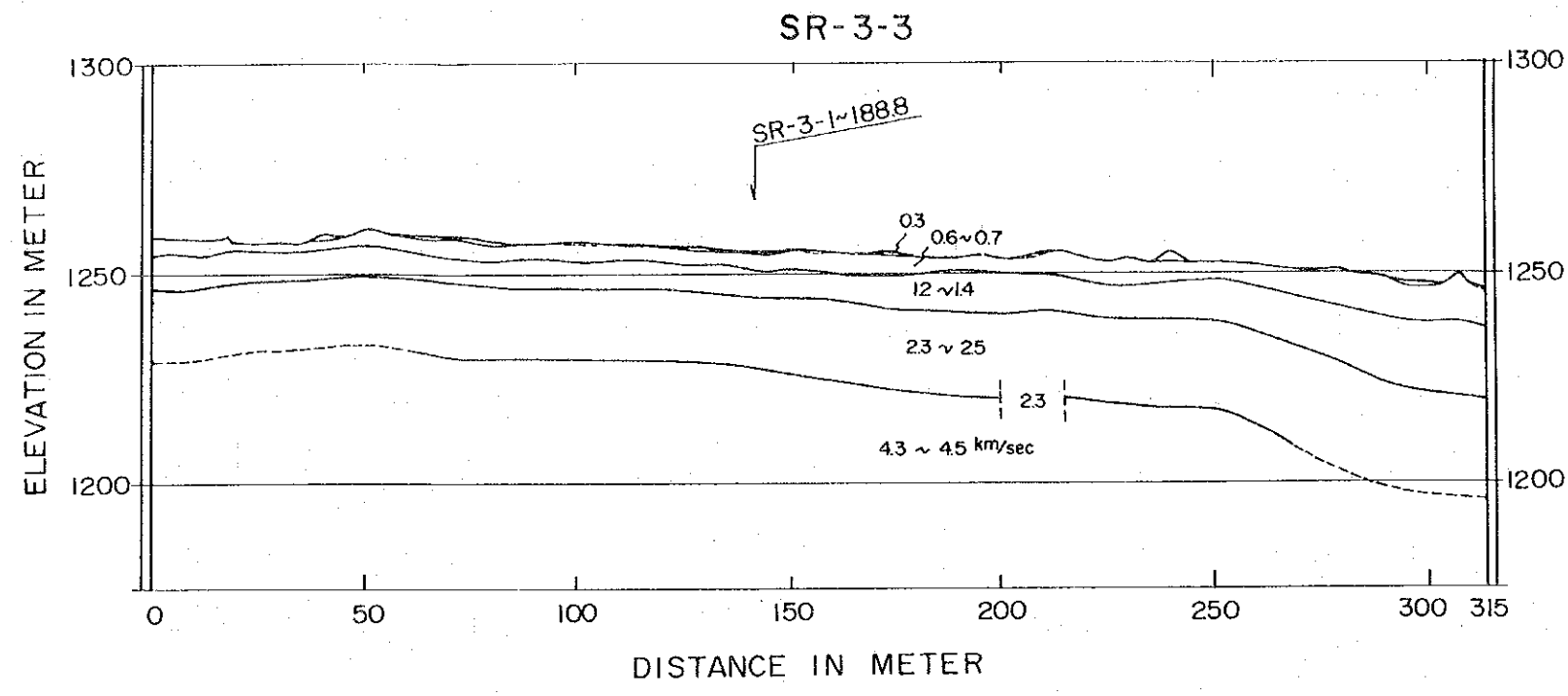


Figure 4.3.6 Seismic Velocity Profile and Time Distance Curve of Line 3 in SR-3

HIS MAJESTY'S GOVERNMENT OF NEPAL  
 WATER RESOURCES DEVELOPMENT OF  
 THE UPPER KARNALI RIVER AND MAHAKALI RIVER BASINS  
 JAPAN INTERNATIONAL COOPERATION AGENCY



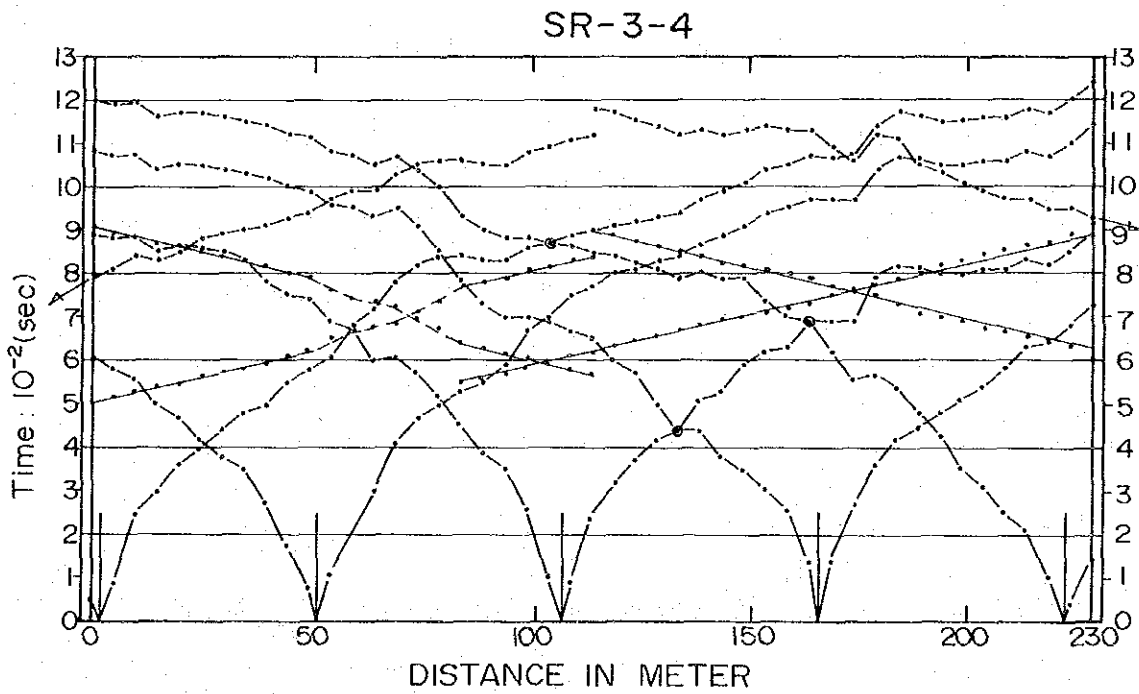
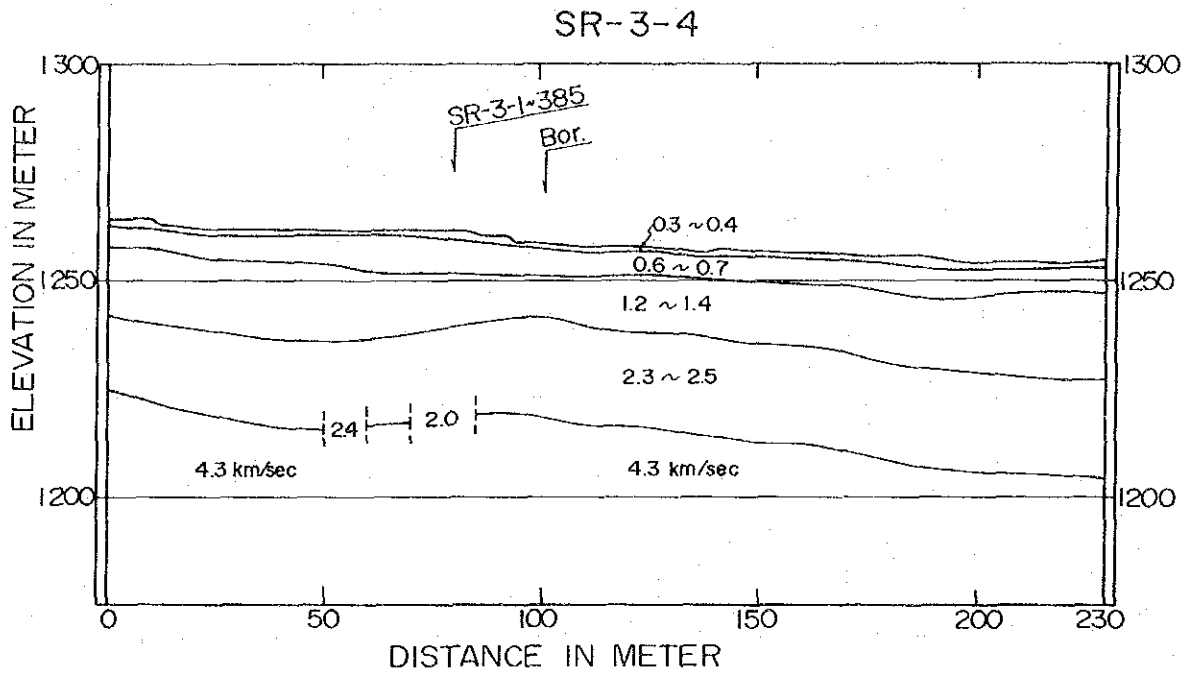


Figure 4.3.7 Seismic Velocity Profile and Time Distance Curve of Line 4 in SR-3

HIS MAJESTY'S GOVERNMENT OF NEPAL  
 WATER RESOURCES DEVELOPMENT OF  
 THE UPPER KARNALI RIVER AND MAHAKALI RIVER BASINS  
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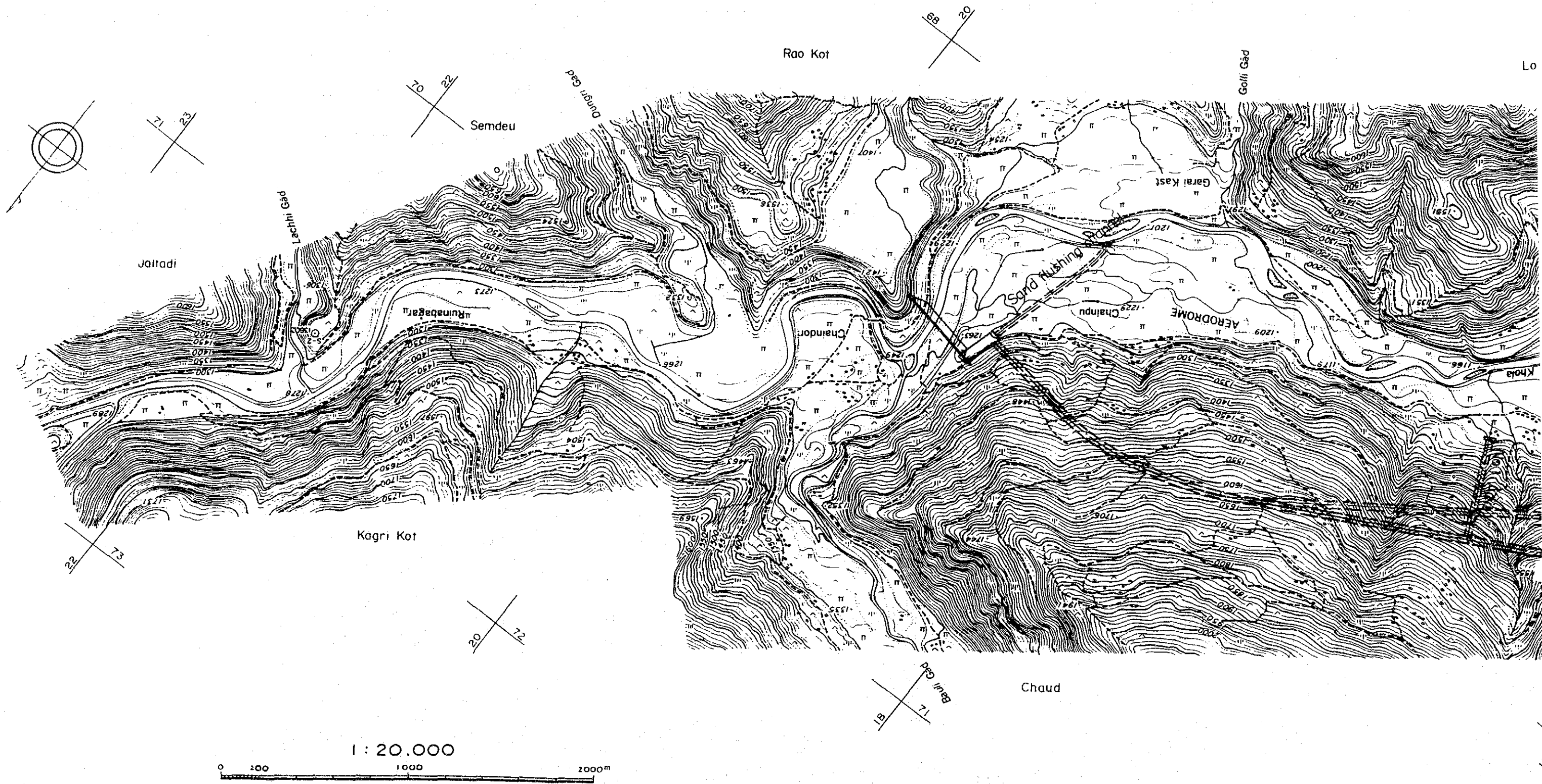
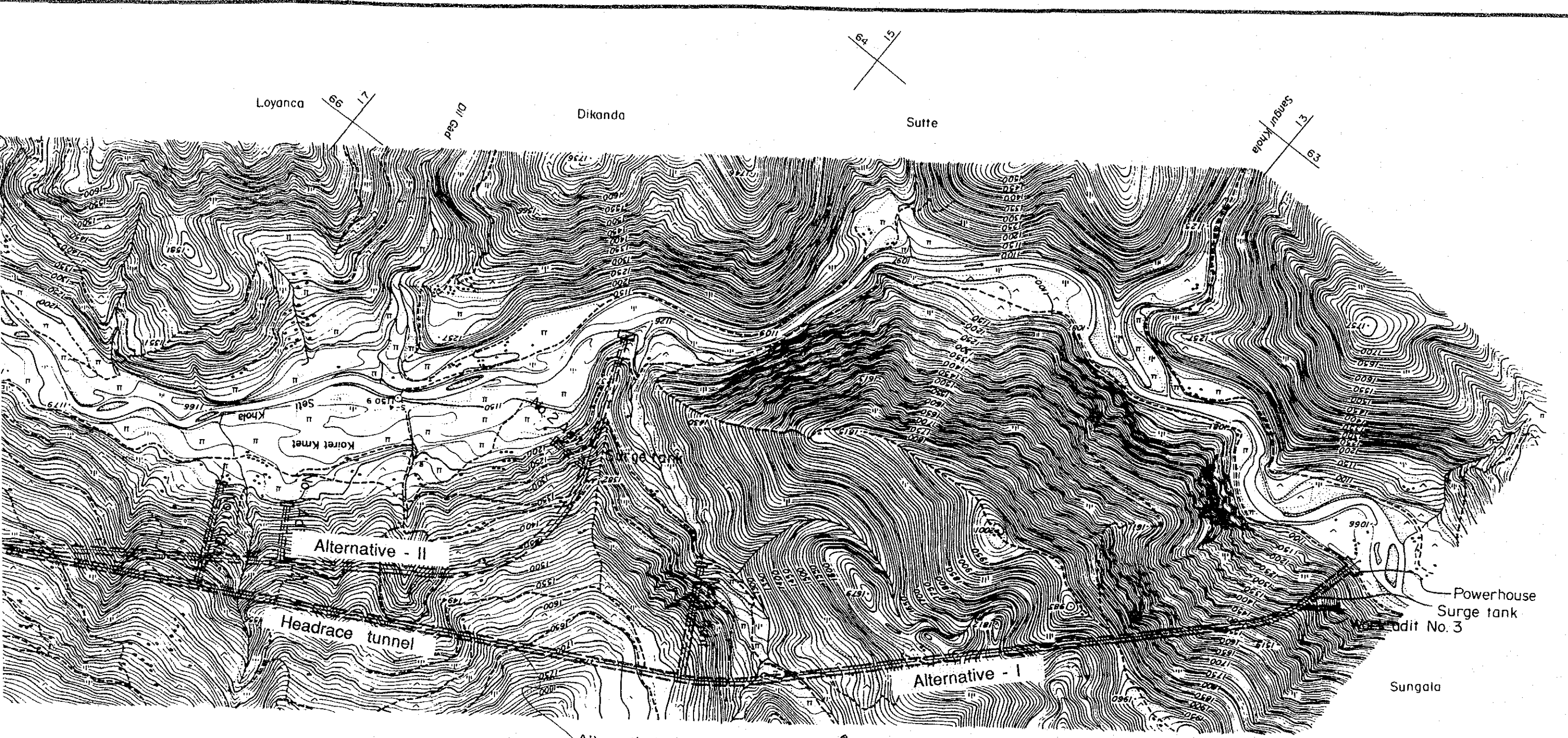


Figure 4.4.1 General Layout of Development Alternatives of SR-3 Scheme



BAJHANG DISTRICT

HIS MAJESTY'S GOVERNMENT OF NEPAL  
 WATER RESOURCES DEVELOPMENT OF  
 THE UPPER KARNALI RIVER AND MAHAKALI RIVER BASINS  
 JAPAN INTERNATIONAL COOPERATION AGENCY

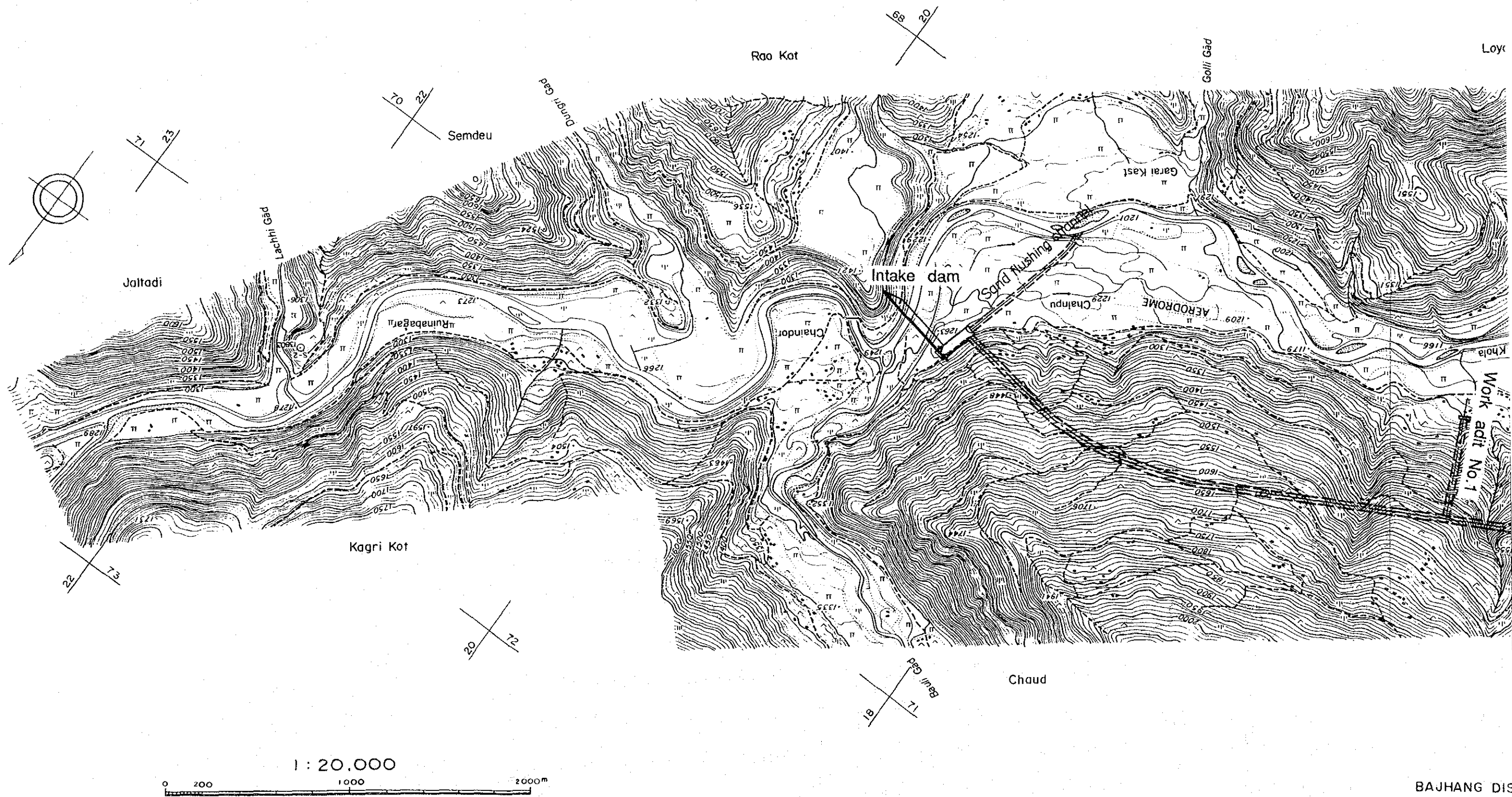
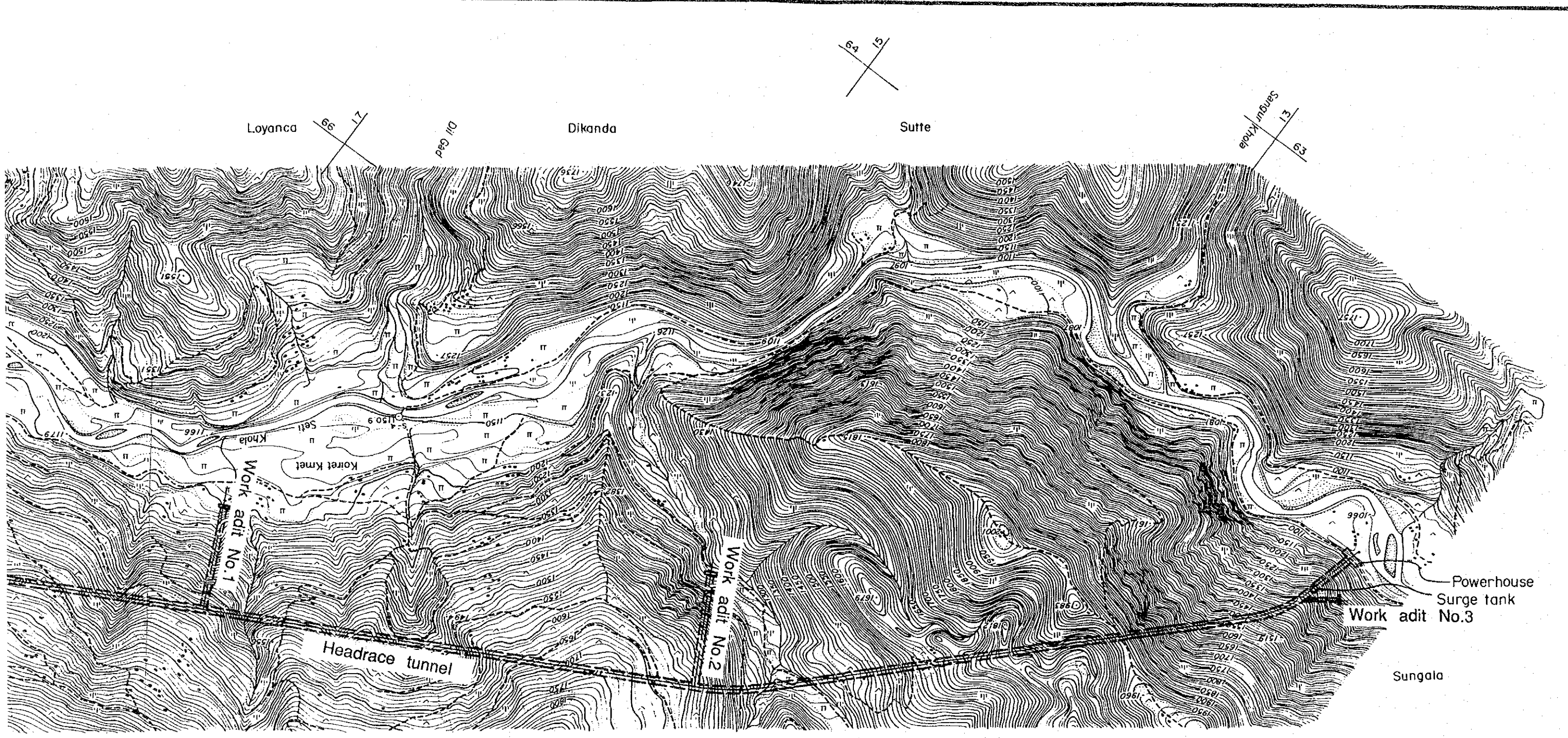


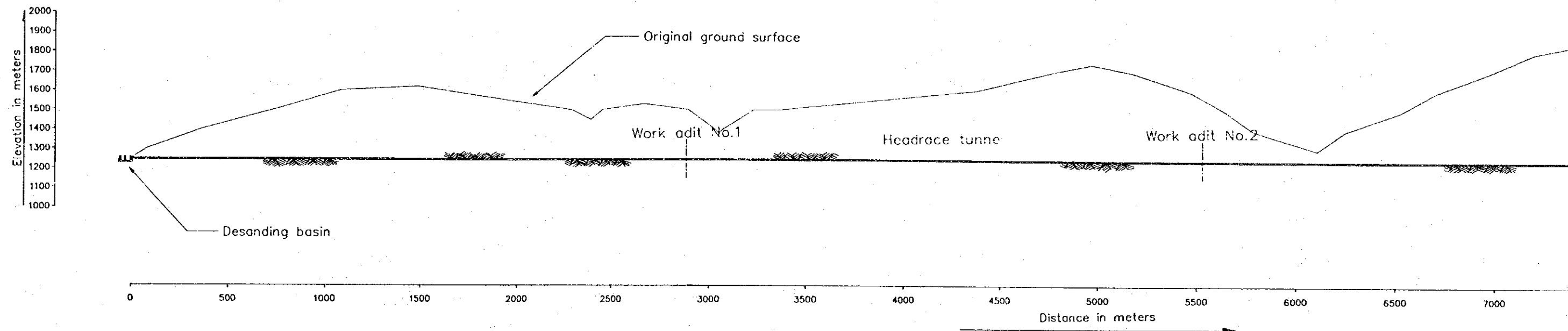
Figure 4.5.1 General Layout of SR-3 Scheme



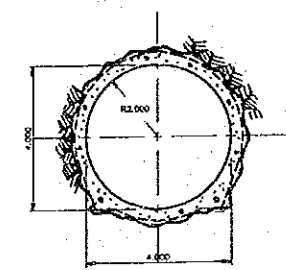
BAJHANG DISTRICT

HIS MAJESTY'S GOVERNMENT OF NEPAL  
 WATER RESOURCES DEVELOPMENT OF  
 THE UPPER KARNALI RIVER AND MAHALI RIVER BASINS  
 JAPAN INTERNATIONAL COOPERATION AGENCY

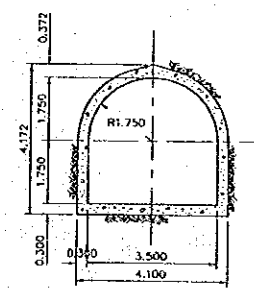




Profile of Waterway

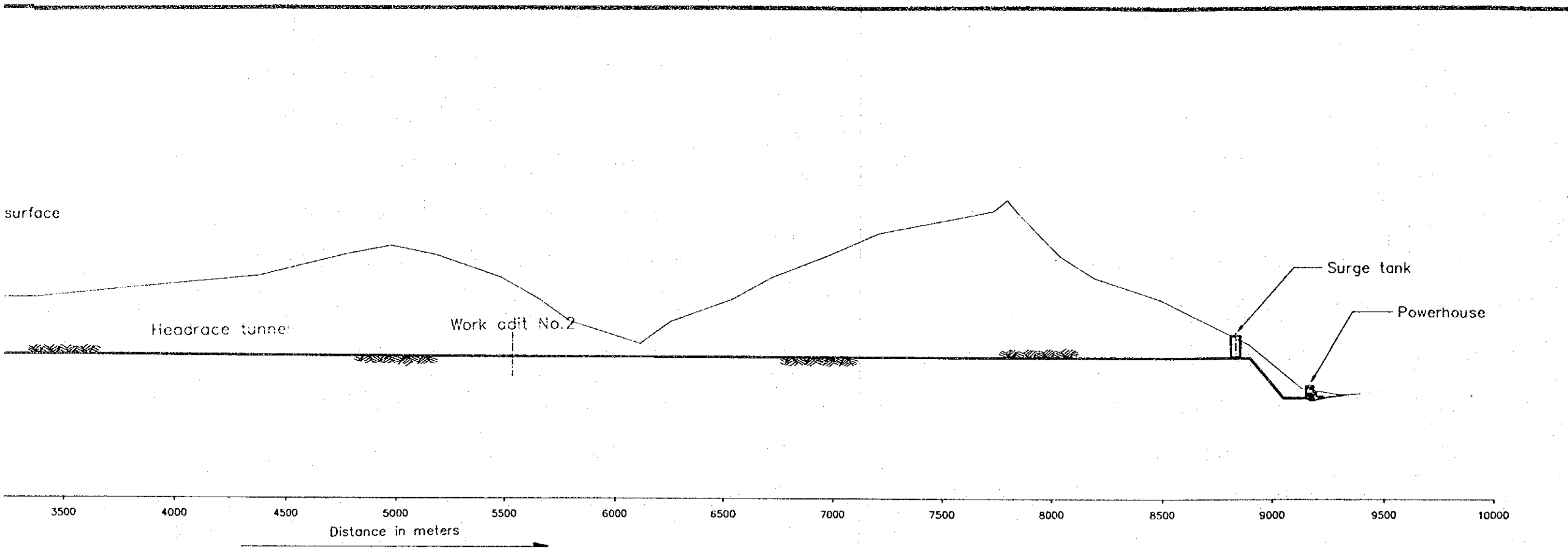


Typical Cross Section of Headrace Tunnel

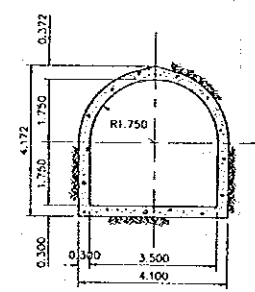


Typical Cross Section of Work Adit

Figure 4.5.2 Profile and Typical Cross Section of SR-3 Waterway



Profile of Waterway



Typical Cross Section of Work Adit

HIS MAJESTY'S GOVERNMENT OF NEPAL  
 WATER RESOURCES DEVELOPMENT OF  
 THE UPPER KARNALI RIVER AND MAHAKALI RIVER BASINS  
 JAPAN INTERNATIONAL COOPERATION AGENCY



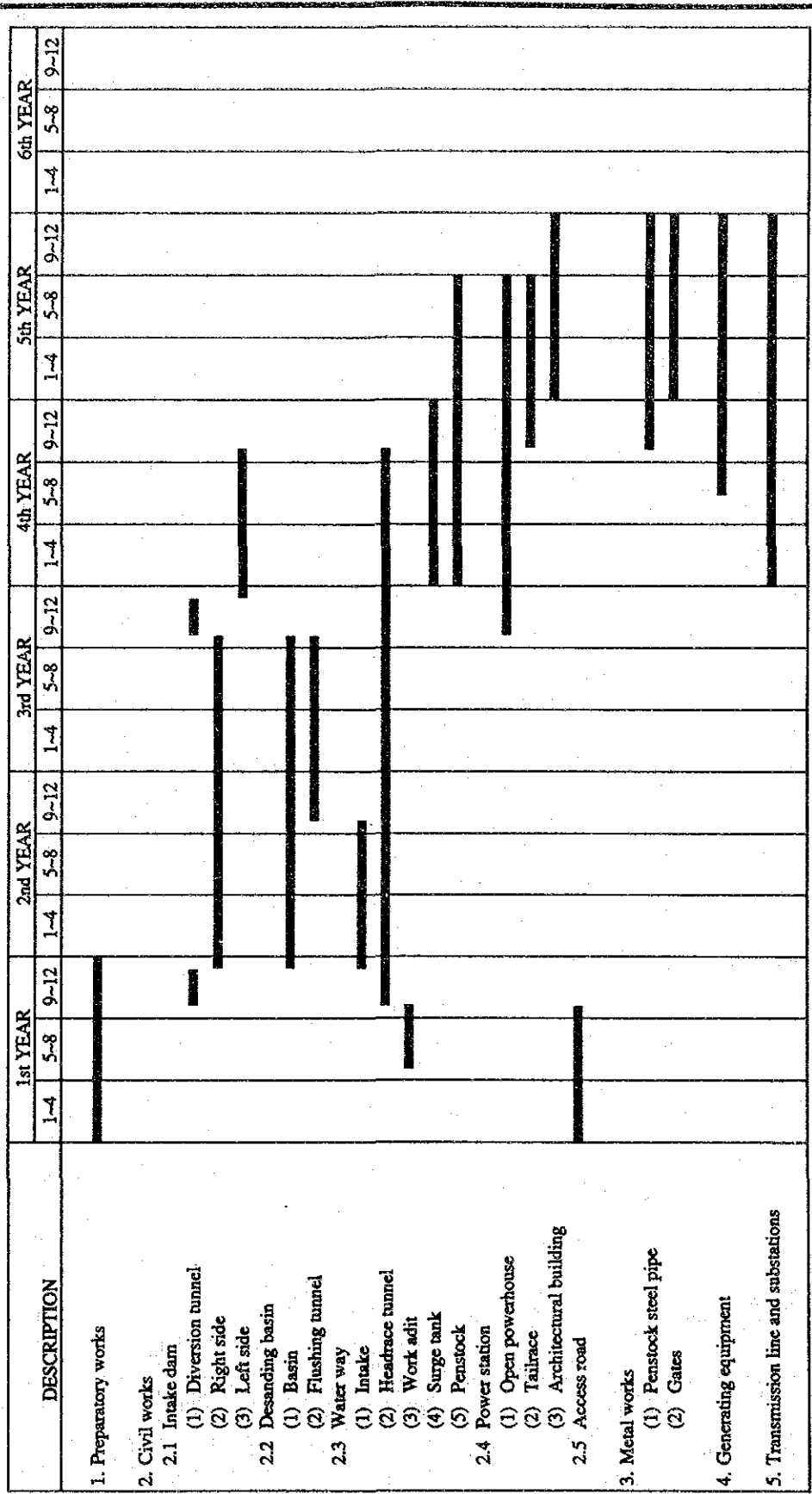


Figure 4.6.1 Construction Schedule for SR-3

HIS MAJESTY'S GOVERNMENT OF NEPAL  
 WATER RESOURCES DEVELOPMENT OF  
 THE UPPER KARNALI RIVER AND MAHAKALI RIVER BASINS  
 JAPAN INTERNATIONAL COOPERATION AGENCY

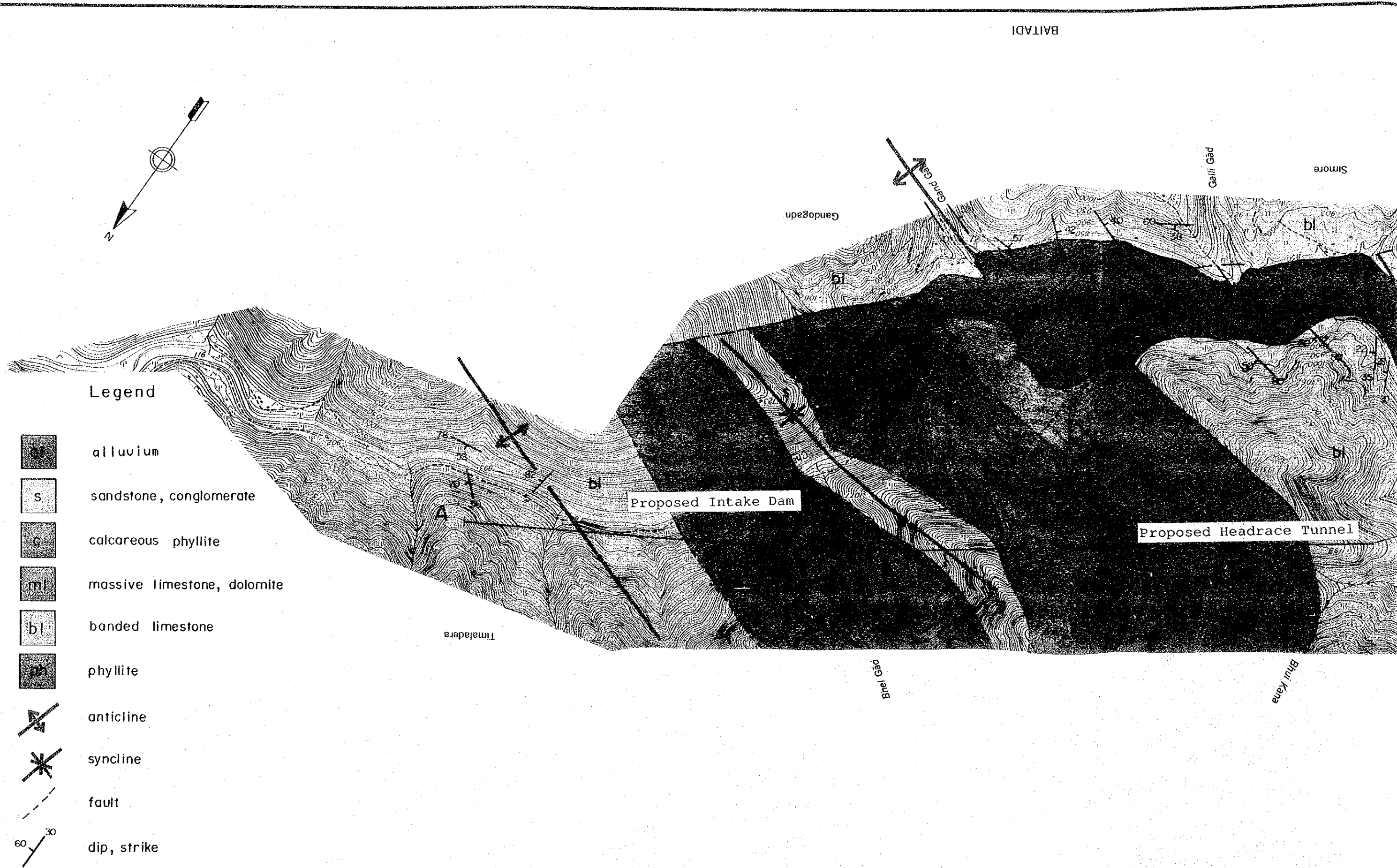
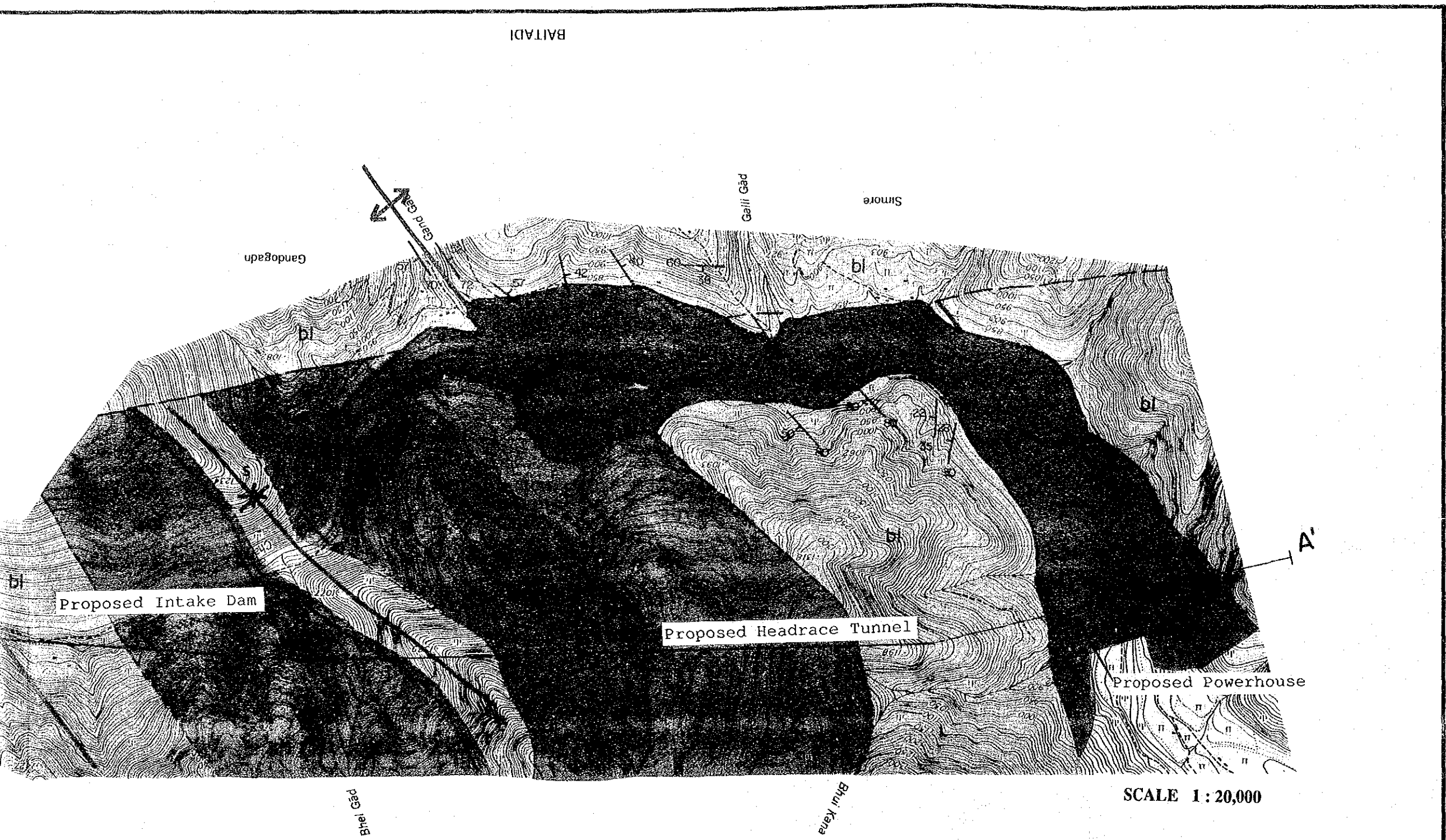











Figure 5.3.1 Geological Map of CR-2 Scheme Site



HIS MAJESTY'S GOVERNMENT OF NEPAL  
 WATER RESOURCES DEVELOPMENT OF  
 THE UPPER KARNALI RIVER AND MAHAKALI RIVER BASINS  
 JAPAN INTERNATIONAL COOPERATION AGENCY

Legend

- |   |                             |   |           |
|---|-----------------------------|---|-----------|
|  | alluvium                    |  | anticline |
|  | sandstone, conglomerate     |  | syncline  |
|  | calcareous phyllite         |  | fault     |
|  | massive limestone, dolomite |   |           |
|  | banded limestone            |   |           |
|  | phyllite                    |   |           |

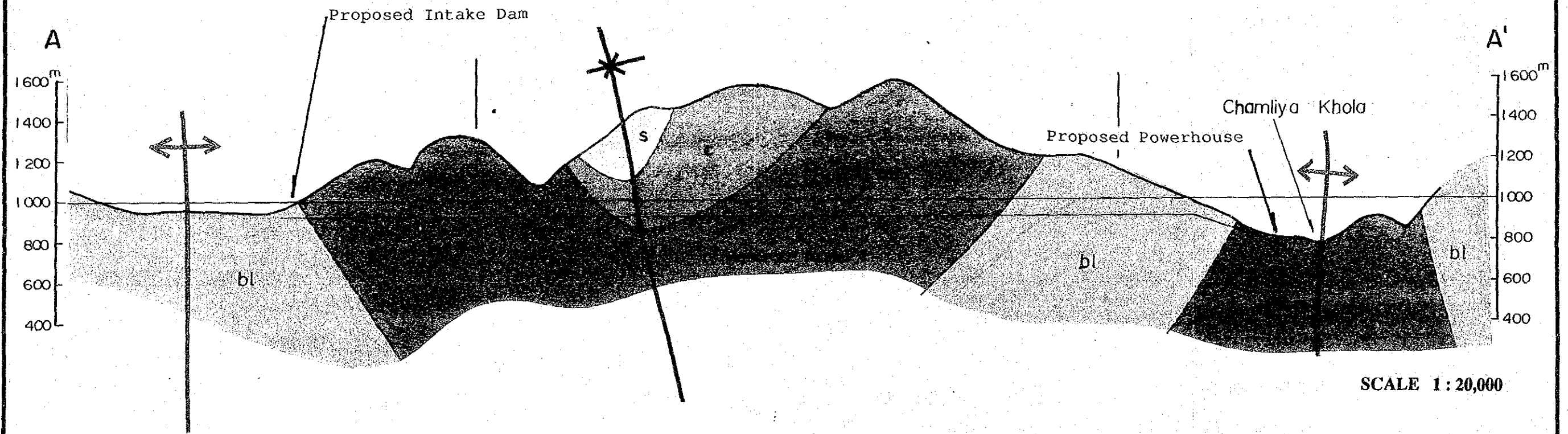


Figure 5.3.2 Geological Profile of CR-2 Scheme Site

HIS MAJESTY'S GOVERNMENT OF NEPAL  
 WATER RESOURCES DEVELOPMENT OF  
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