

Figure 5.1.1 Geological Map of BR-1 Scheme Site

Legend

- alluvium
- Upper Siwalik conglomerate
- Upper mid. Siwalik fine sandstone, mudstone, conglomerate
- Lower mid. Siwalik mudstone
- Lower Siwalik medium sandstone
- Lower Siwalik fine sandstone
- thrust

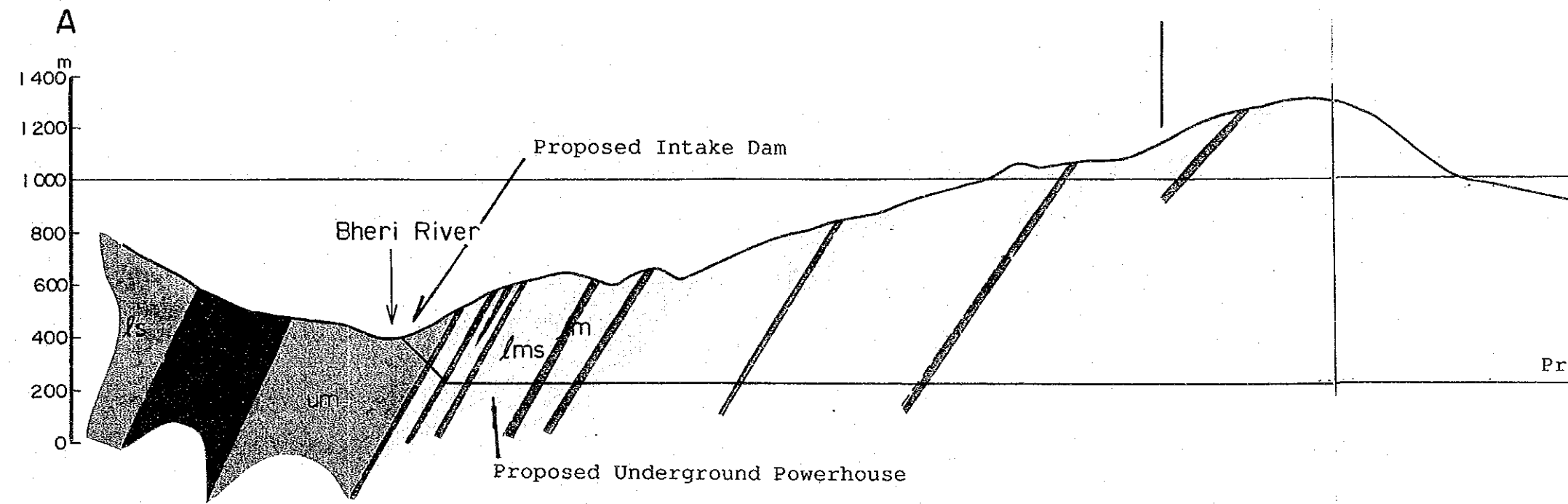
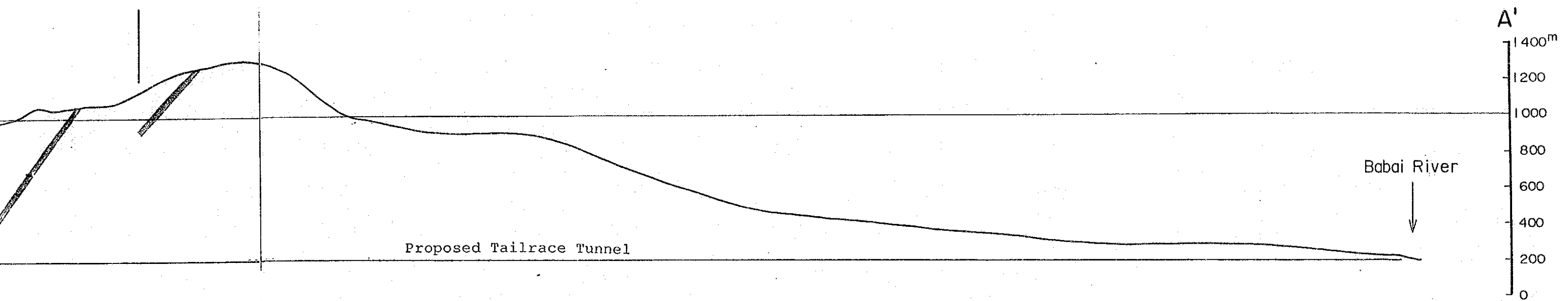


Figure 5.1.2 Geological Profile of BR-1 Scheme Site



Proposed Tailrace Tunnel

Babai River

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

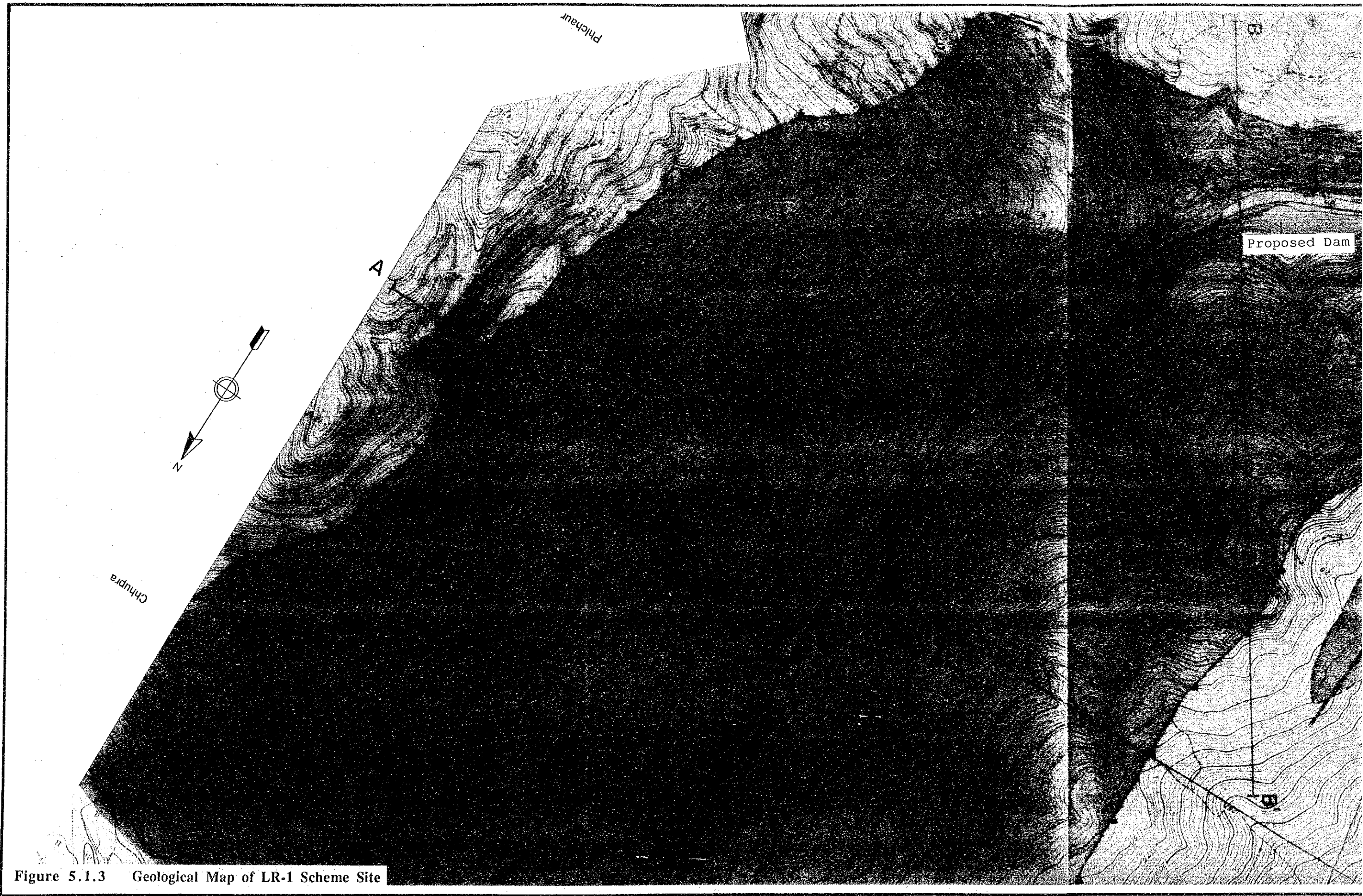
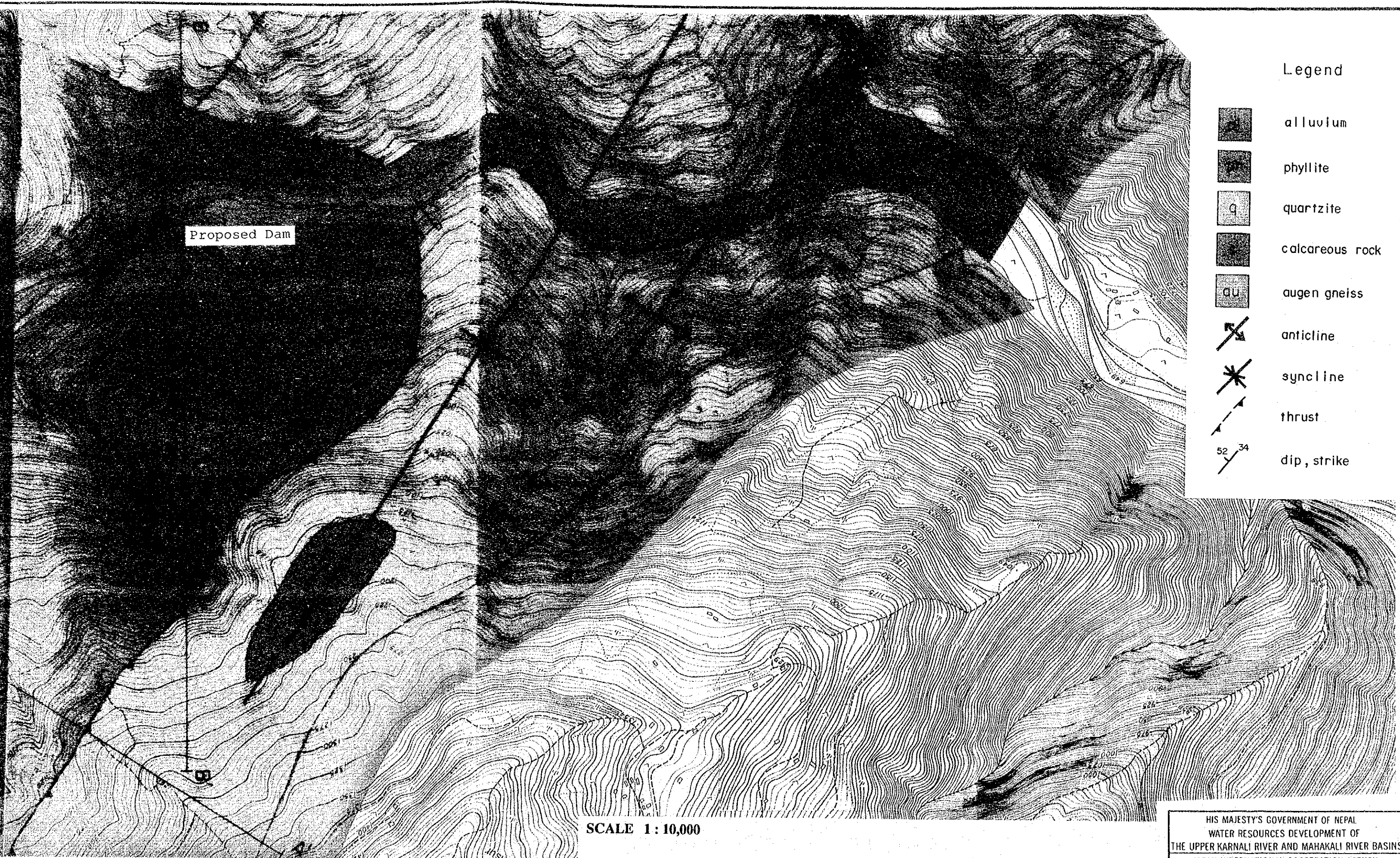











Figure 5.1.3 Geological Map of LR-1 Scheme Site



Proposed Dam

Legend

-  alluvium
-  phyllite
-  quartzite
-  calcareous rock
-  augen gneiss
-  anticline
-  syncline
-  thrust
-  dip, strike

SCALE 1 : 10,000

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

Legend

- | | | | |
|--|-----------------|--|-----------|
| | alluvium | | anticline |
| | phyllite | | syncline |
| | quartzite | | thrust |
| | calcareous rock | | |
| | augen gneiss | | |

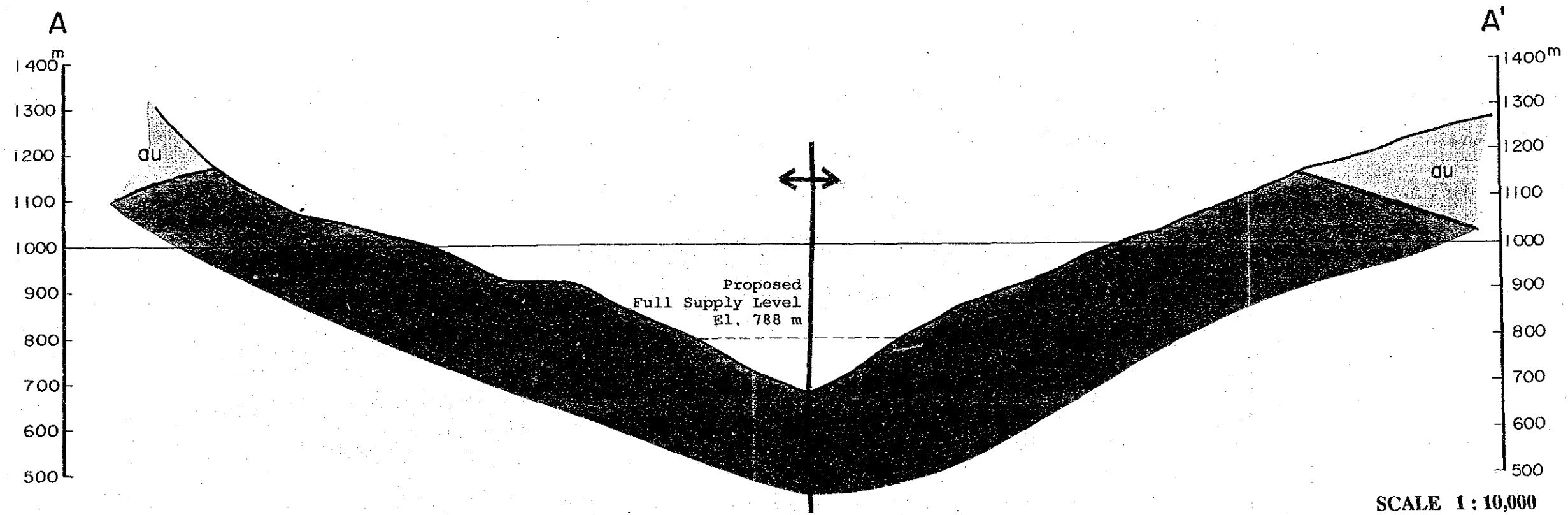










Figure 5.1.4 Geological Profile of LR-1 Scheme Site (1/2)

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

Legend

-  alluvium
-  phyllite
-  quartzite
-  calcareous rock
-  augen gneiss
-  anticline
-  syncline
-  thrust

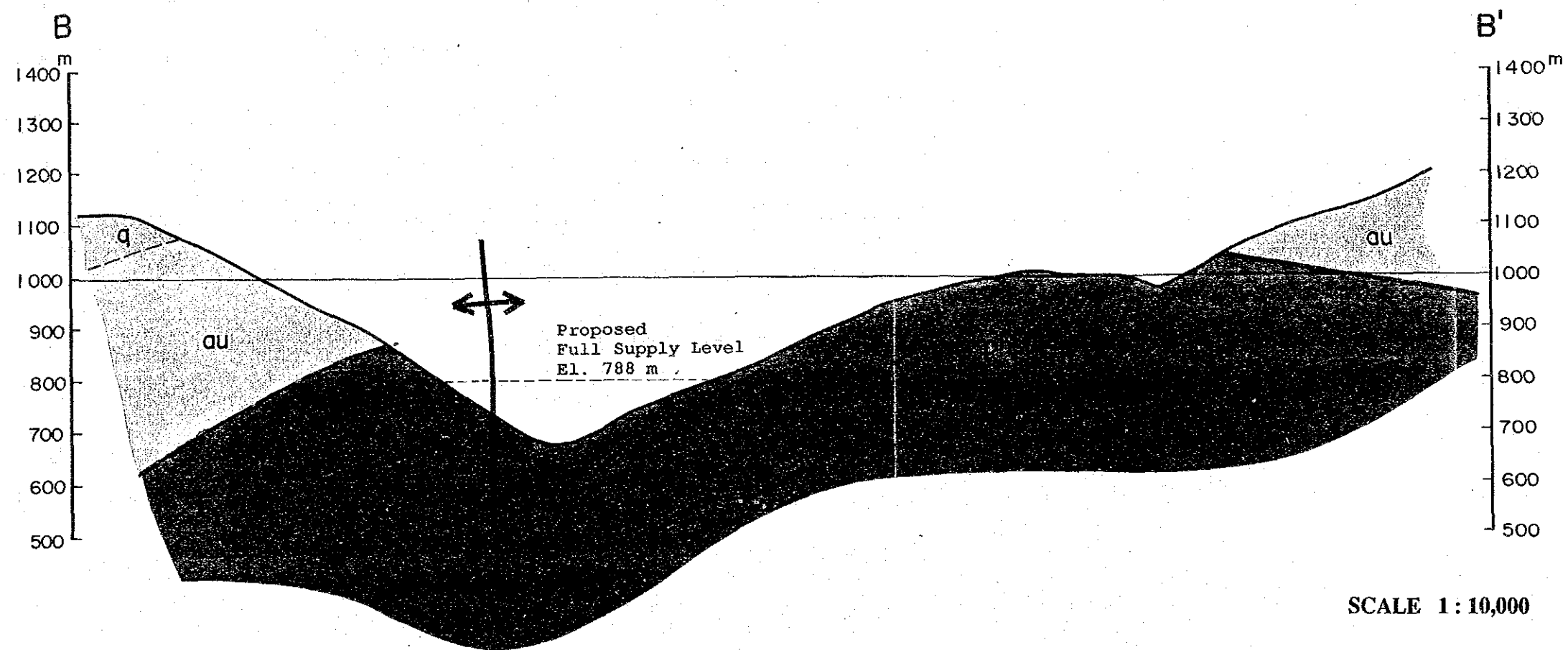
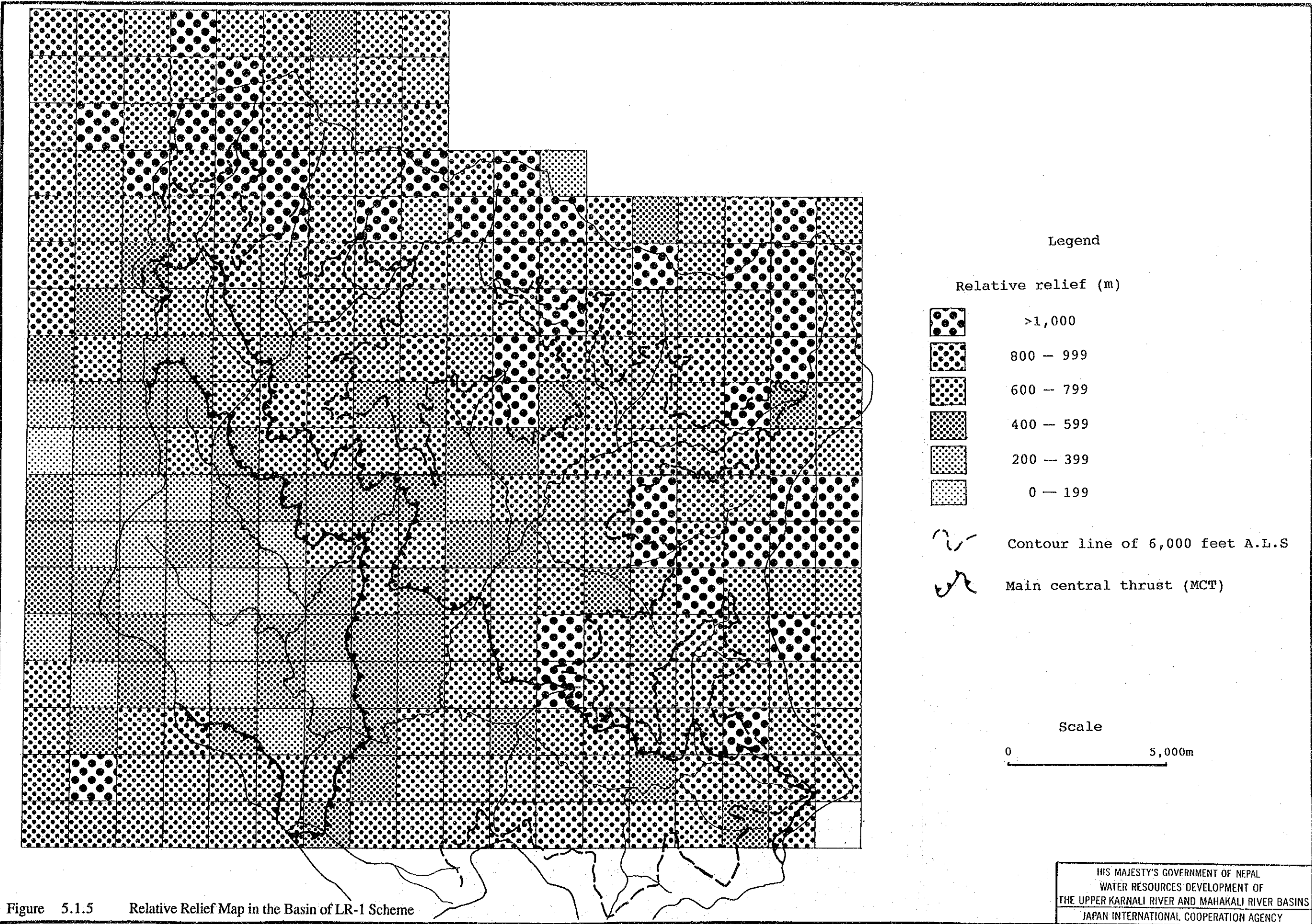


Figure 5.1.4 Geological Profile of LR-1 Scheme Site (2/2)

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



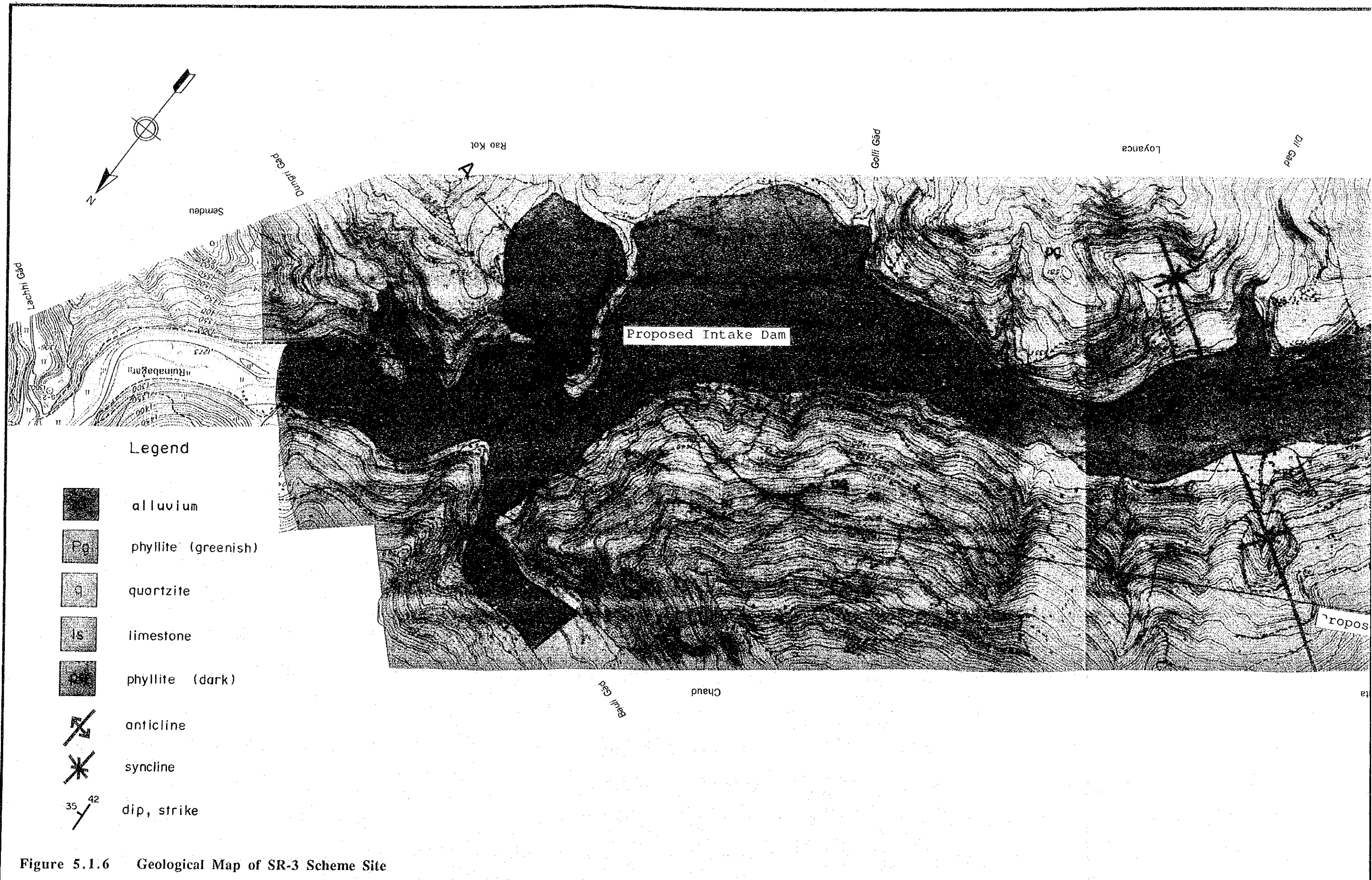
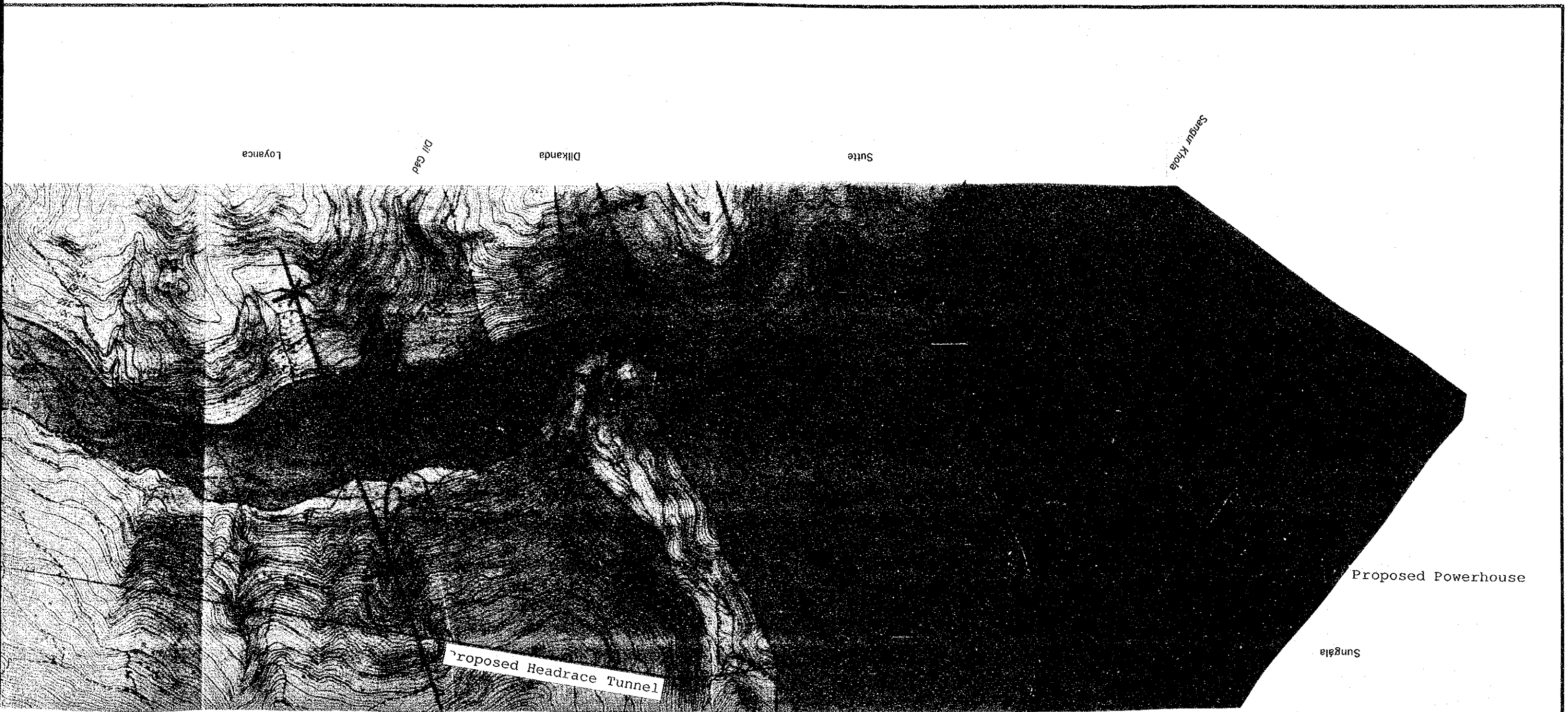


Figure 5.1.6 Geological Map of SR-3 Scheme Site



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

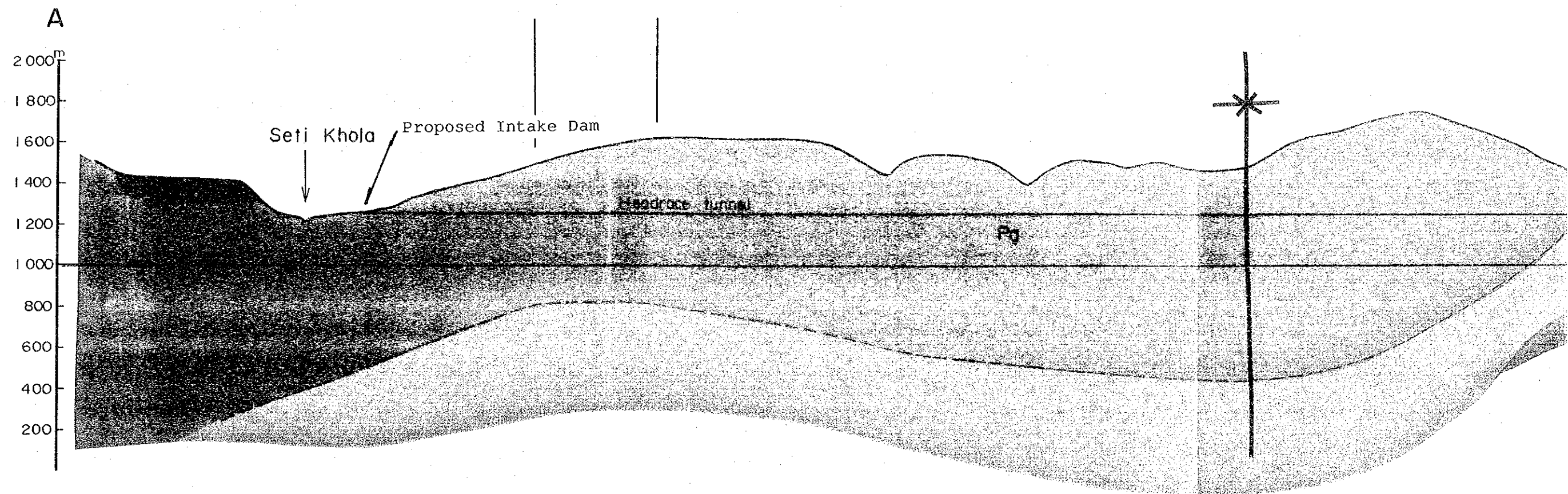
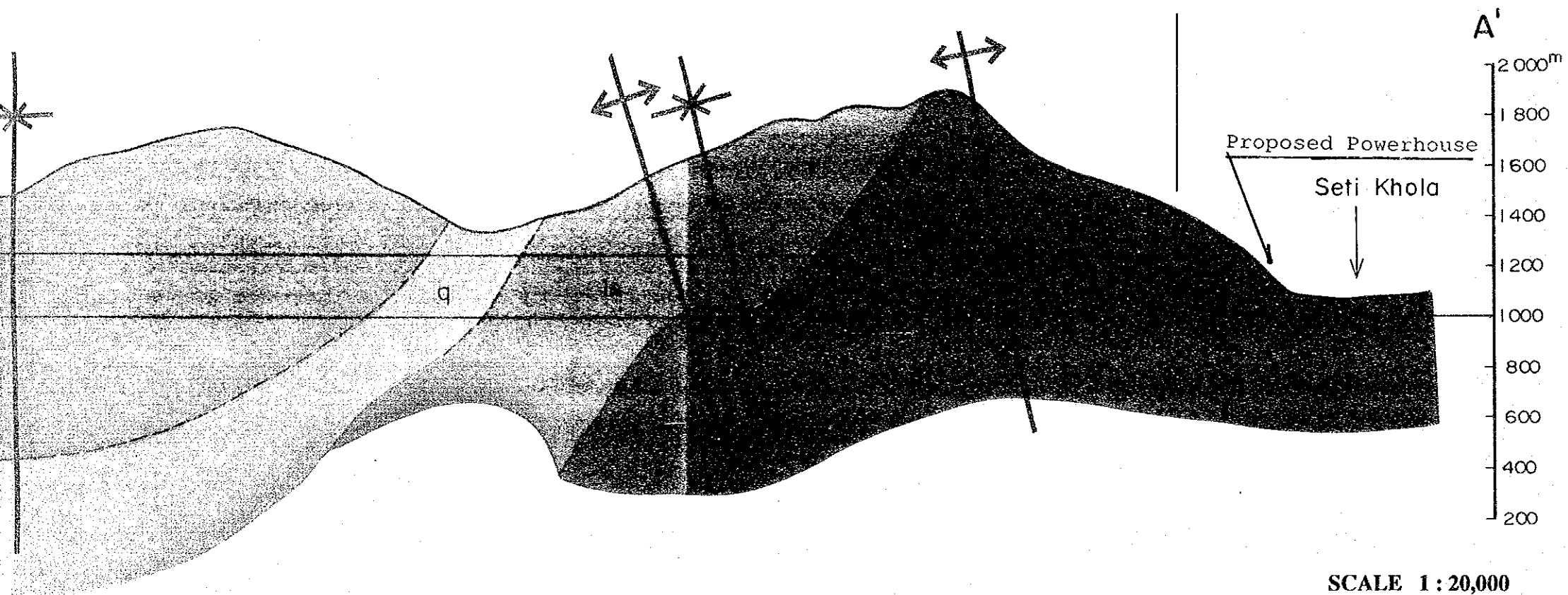









Figure 5.1.7 Geological Profile of SR-3 Scheme Site



Legend

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

SCALE 1 : 20,000

HIS MAJESTY'S GOVERNMENT OF NEPAL
 WATER RESOURCES DEVELOPMENT OF
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 JAPAN INTERNATIONAL COOPERATION AGENCY