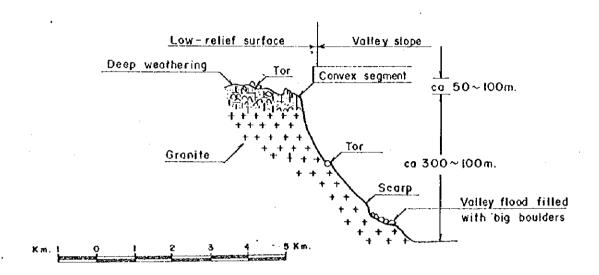


Km. I O 2 3 4 - 5 Km.	FORMATION	IN	ROÇK	PATTERN
	(UPPER NUWAKOT GROUP)			
	Dunga Quartzite Beds	Du	quartzita	111111
	(8HIMPHEDL GROUP)			
	Kalitar Formation	Ko	biotite schist quarzite	
	Pandrang Quartzite Member	Po	quortzite	HHH:
	Shainsedobhan Marble	84	mat bie	333333
	Raduwa Formation	Ro	schisa	88888
	Biotite and tourmatine	Gr	granite	++++
	granite			

Fig. 3.1.2 Geological Map of Manhali Catchment Area

His Majesty's Government of Nepal Ministry of Lorest and Soil Conservation/Department of Soil Conservation THE SPUDY ON THE DISASTER PREVENTION PLAN FOR SEVERELY AUTICIDED AREAS BY 1993 DISASTER IN THE CENTRAL DEVELOPMENT REGION OF NEPAL JAPAN INTERNATIONAL COOPERATION AGENCY

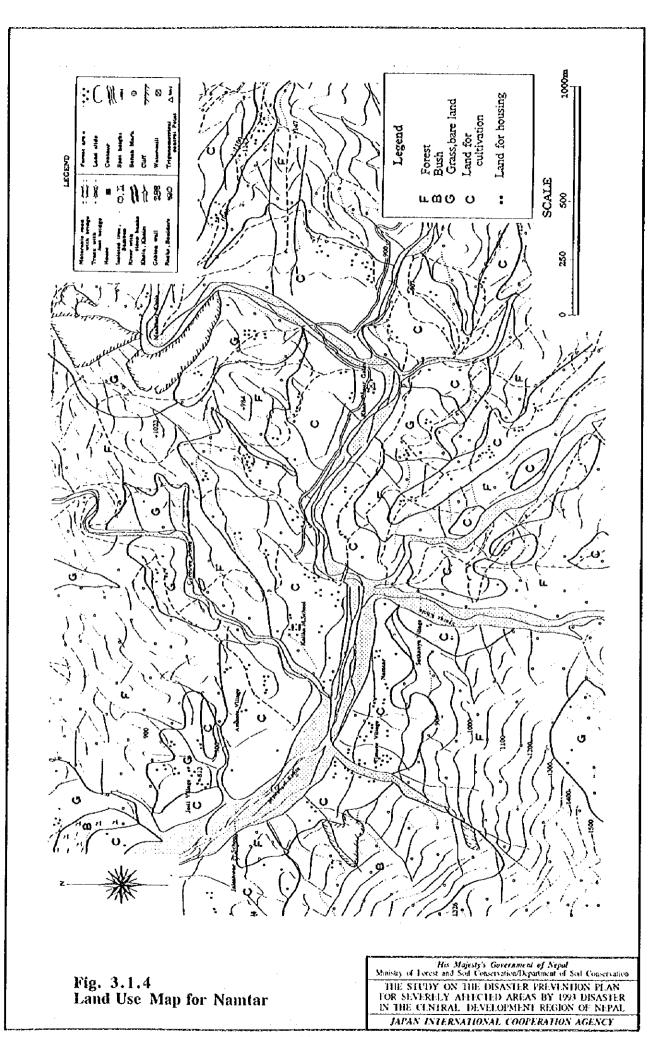




FORMATION	IN ROCK		PATTERN
(UPPER NUWAKOT GROUP)			
Dunga Quartzite Beds	Đu	quartzita	33333
(BHIMPHEDI GROUP)			
Kalitar Formation	Ka	biotita schist quarzita	
Pandrong Quartzite Member	Pa	quarfzite	
Bhainsedobhan Marble	Bd	morble	33333
Roduwa Formation	Ro	schisa	10000
Olotile and fourmatine	Gr	granite	* +*+*
granite			<u></u>

Fig. 3.1.3 Schematic Slope Section around Sim Bhanjyang and Daman of Mahabharat Range

His Majesty's Government of Nepal Ministry of Forest and Soil Conservation Department of Soil Conservation THE STUDY ON THE DISASTER PREVENTION PLAN FOR SEVERILY ATTECTED AREAS BY 1993 DISASTER IN THE CENTRAL DEVELOPMENT REGION OF NEPAL JAPAN EVIERNATIONAL COOPERATION AGENCY



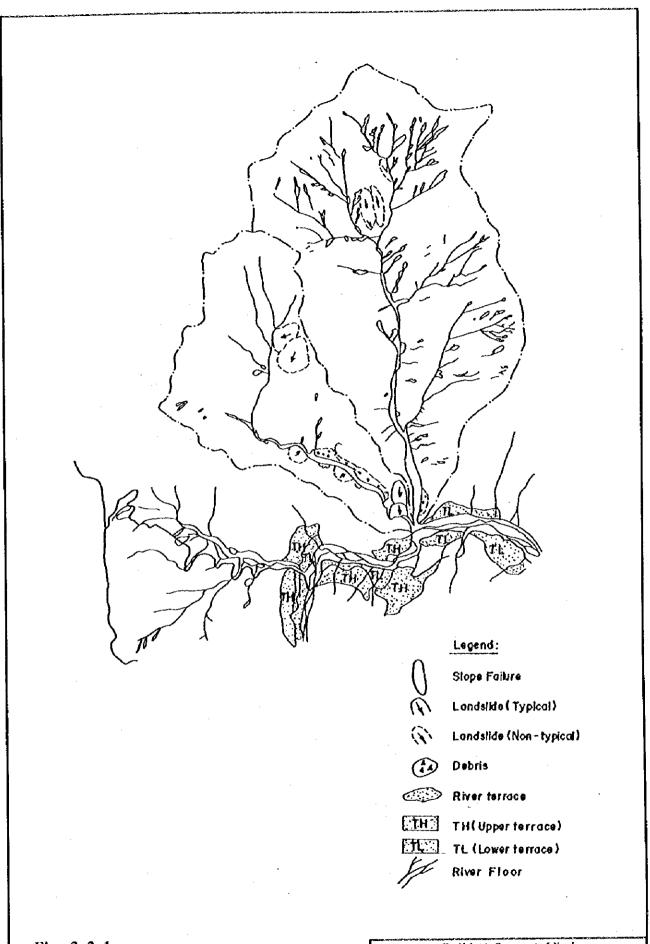


Fig. 3.2.1 Distribution Map of mainly Slope Failure around Namtar/Tilar

His Majesty's Government of Nepal Ministry of Torcs and Scil Conservation/Department of Scil Conservation THE STEDY ON THE DISASTER PREVENTION PLAN TOR SEVERLEY ALTECTED AREAS BY 1993 DISASTER IN THE CEMIRAL DEVELOPMENT REGION OF NEPAL JAPAN INTERNATIONAL COOPERATION AGENCY

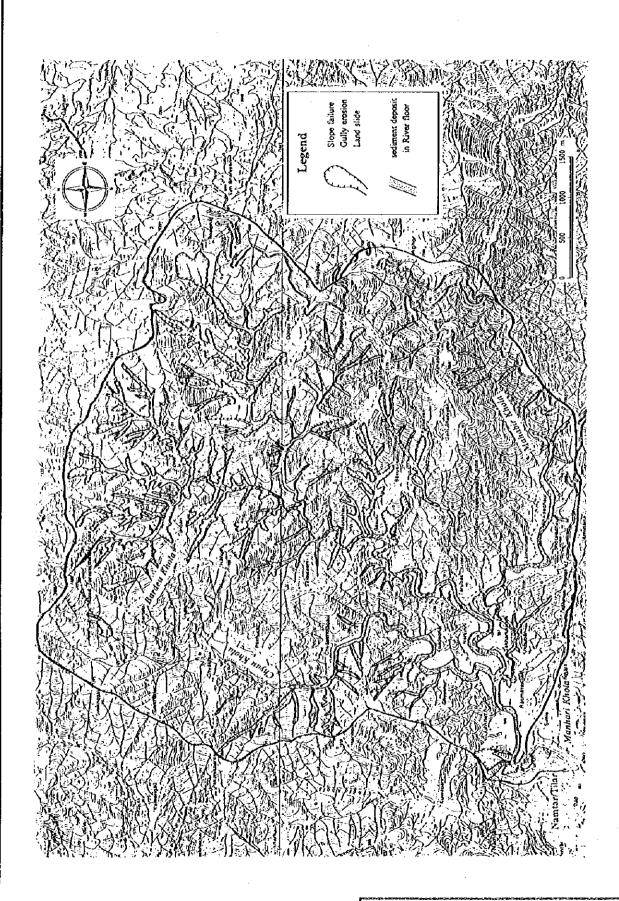
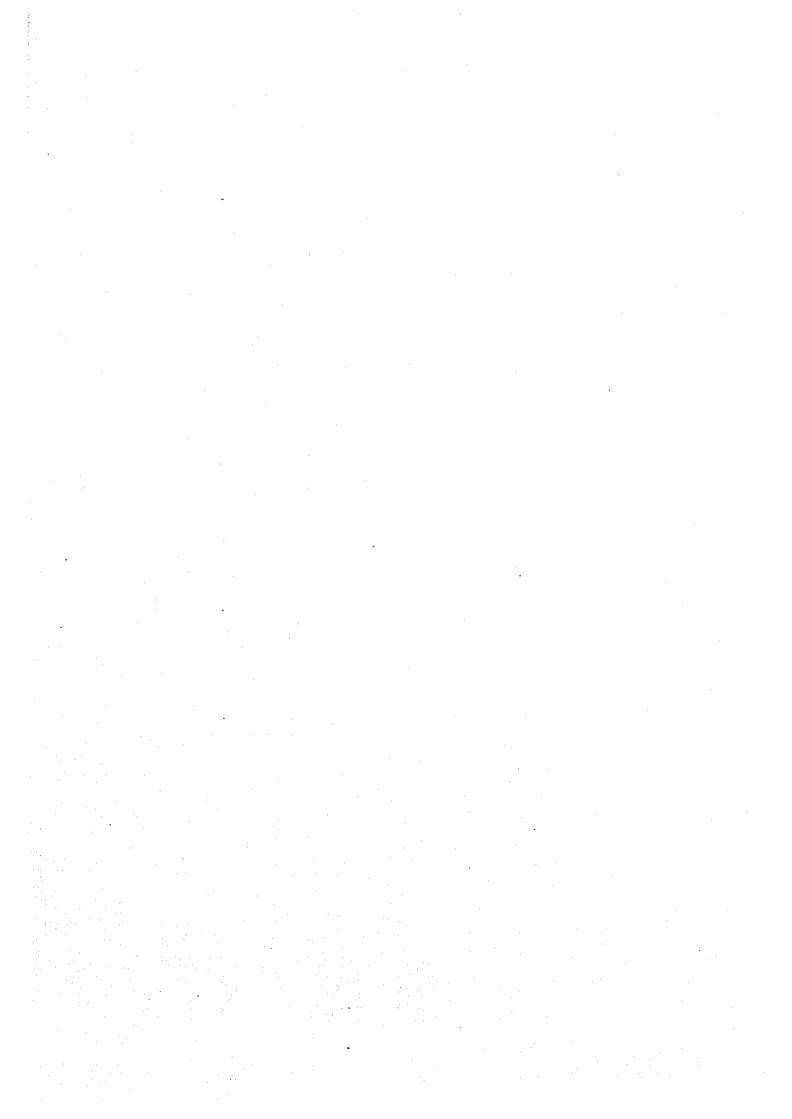
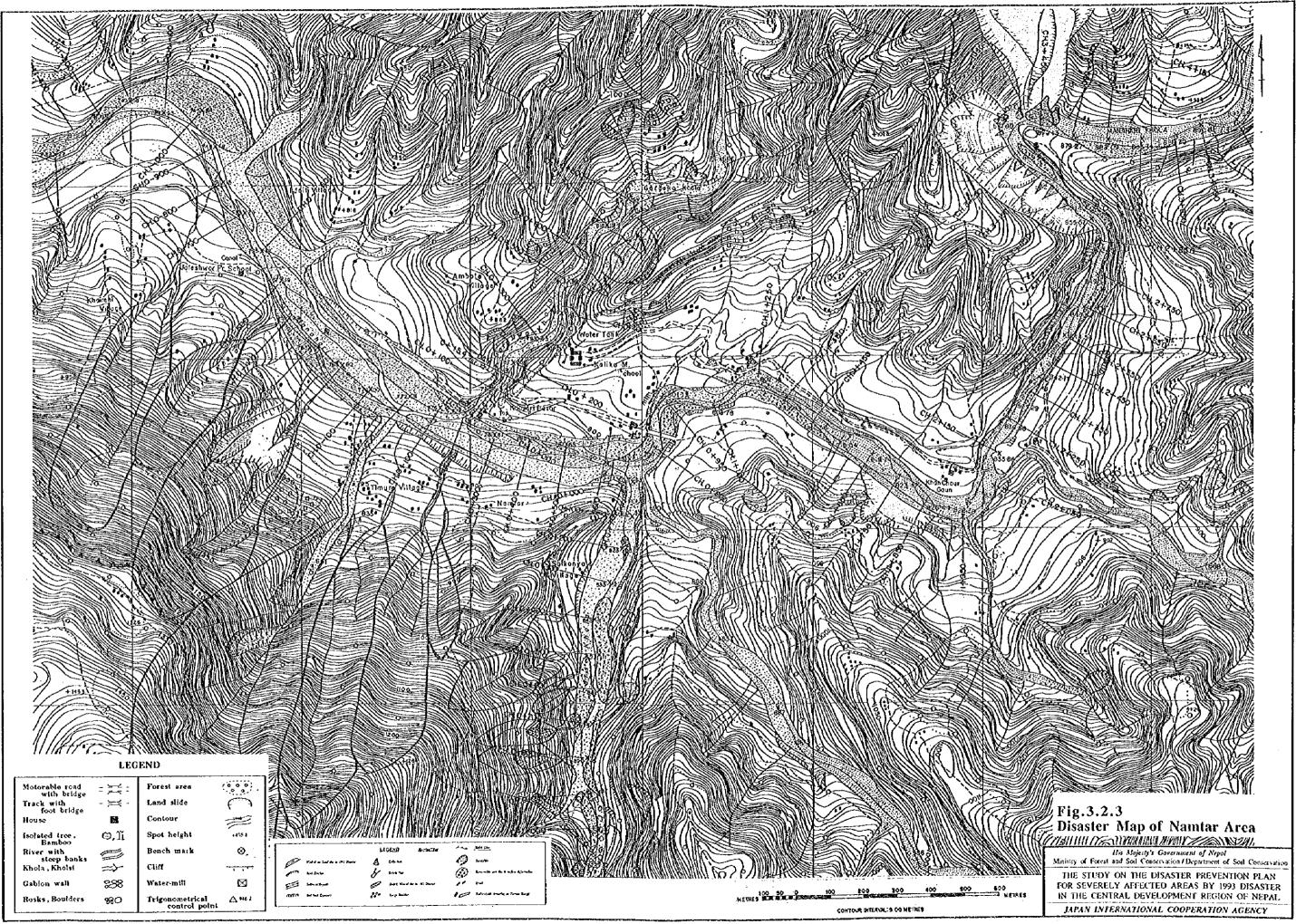
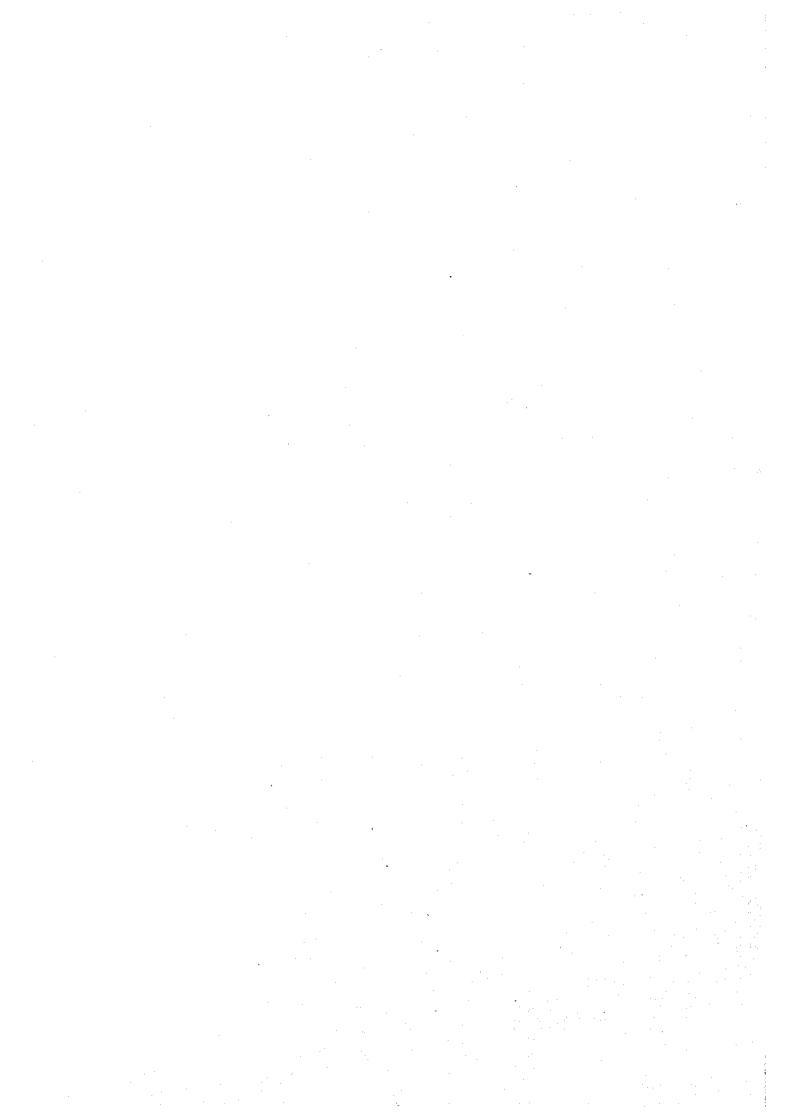


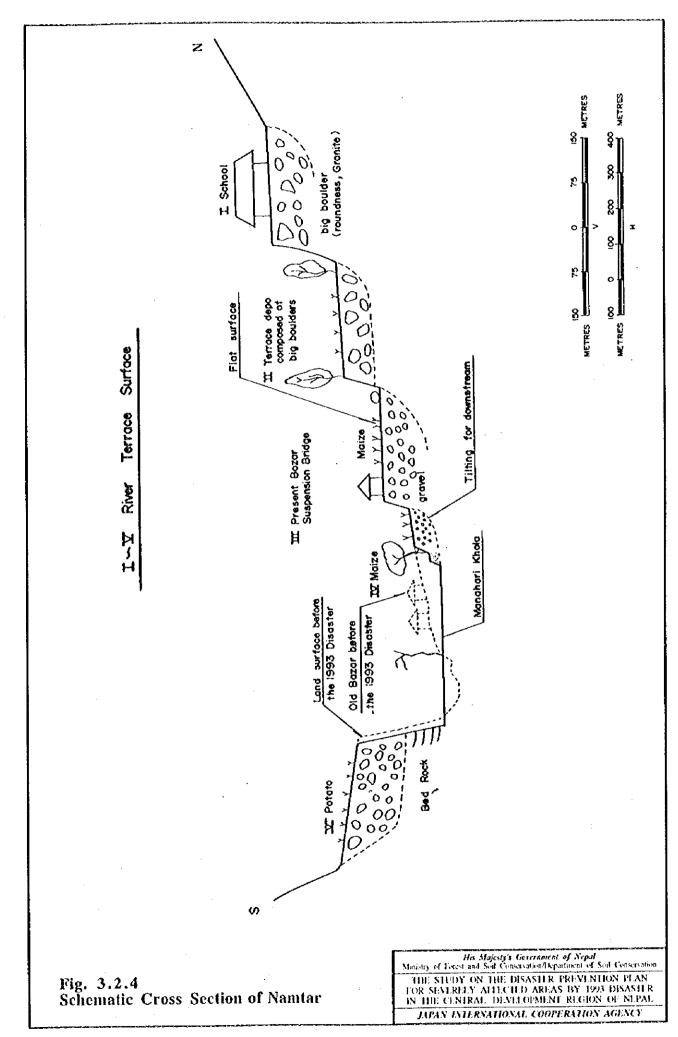
Fig. 3.2.2 Detailed River Conditions at Upstream Part of Manhari Khola

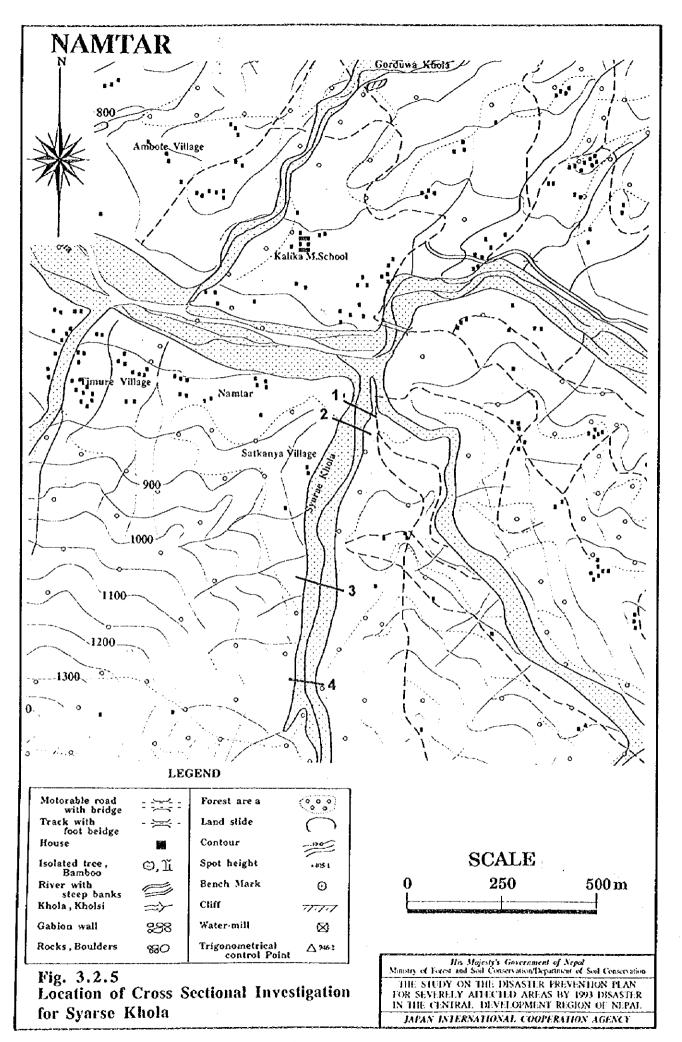
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FOR SEVERELY AFFECTED AREAS BY 1923 DISASTER
IN THE CENTRAL DEVELOPMENT REGION OF NEPAL
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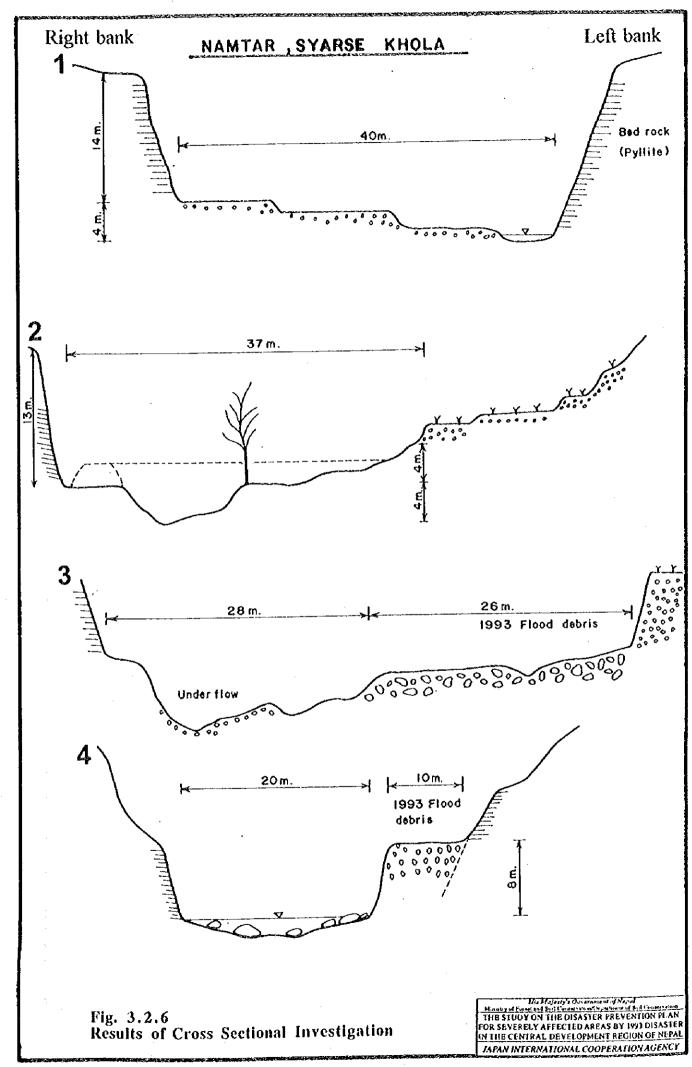












Major landslide in Tilar

* Maximum length	125m		
* Maximum width	300m		
* Area of landslide	25,625m ²		
* Volume of displaced material	102,500m ³		

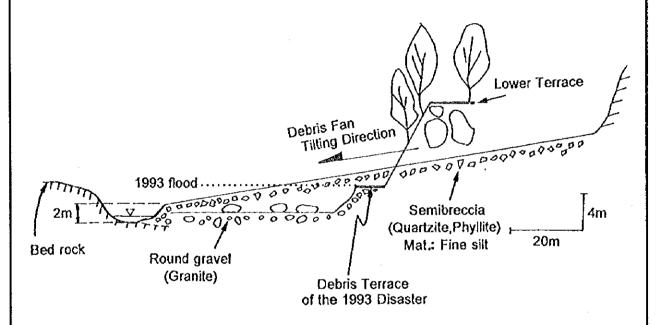
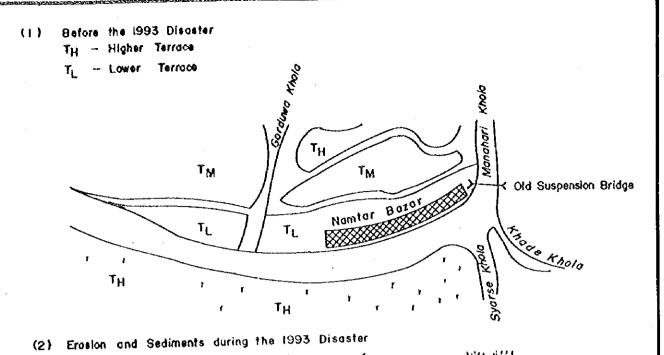
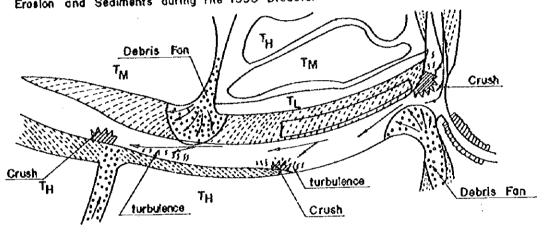


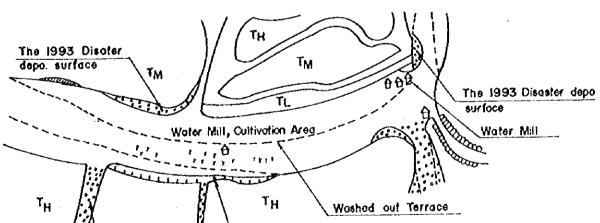
Fig. 3.2.7 Cross Section at the Large Scale Stope Failure on the Right Bank of Upstream from Namtar

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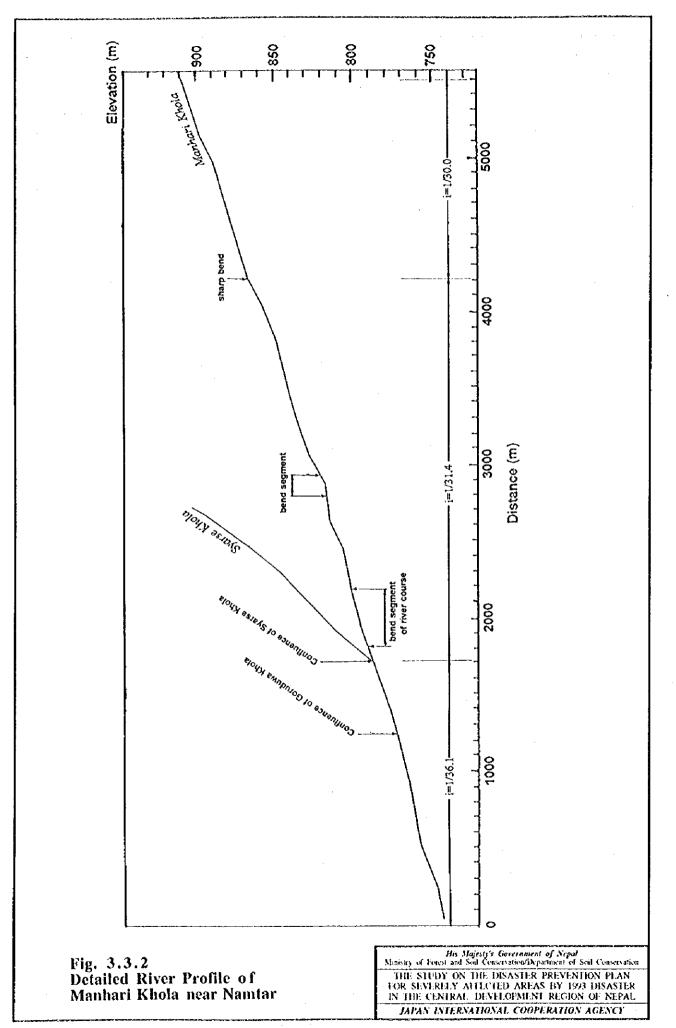


Erosional Scorp Debris

Fig. 3.3.1 Landform Changing Map before and after 1993 Disaster

(3) Present River Channel

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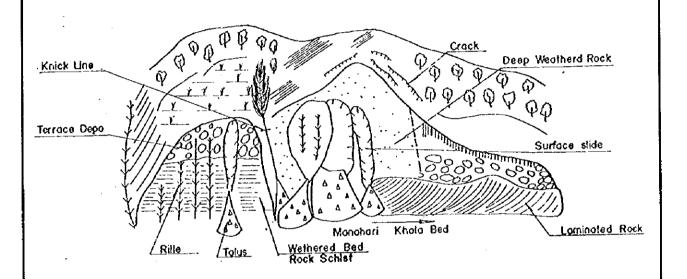


Fig. 3.3.3 Sketch of Bank Scouring in Manhari Khola

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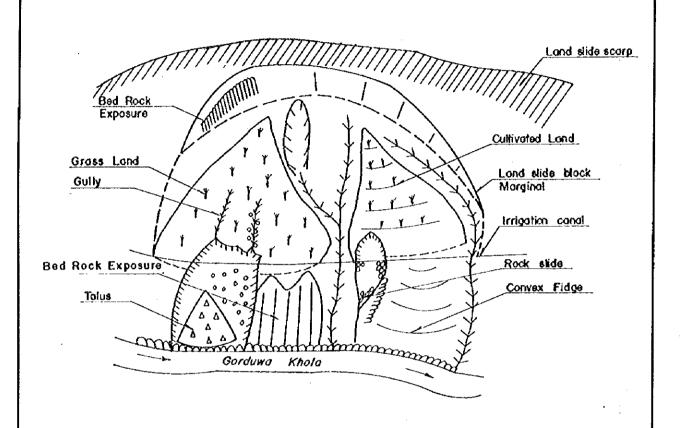


Fig. 3.3.4 Sketch of Landslide and Collapsed Area in Gorduwa Khola

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