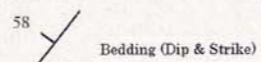


AGE	GROUP	FORMATION	SYMBOL	ROCK TYPE	GEOLOGY
Cenozoic	Recent Deposits		Rd	Riverbed deposits	Sand and gravels with boulders
			Ta	Talus and/or Terrace	Talus deposits and terrace deposits.
Paleozoic	Siwalik Group	(Unconformity)	Sq	Conglomerate, Sandstone, Mudstone	Sandstone, mudstone, and small portions of conglomerates. Relatively soft and fractured near MBT.
		(Main Boundary Thrust)			
	Upper Nawakot Group	Robang Formation	Phy(2)	Phyllite (2)	Blue green slate phyllites, generally chloritic. Intercalation of calcareous beds. Relatively compact in general.
			Qz	Quartzite	Quartzite. Intercalation of thin phyllite at some localities. Massive and compact in general.
			Phy(1)	Phyllite (1)	Blue green phyllites, generally chloritic. Relatively compact in general.
			DI	Siliceous Dolomite	Light-to-dark and greenish gray siliceous dolomites. Intercalation of thin crystalline limestone and calc-phyllites. Massive and relatively well bedded.
		SI	Slate(Phyllite)	Dark gray slates and phyllites together with black carbonaceous slate. Fractured and weathered near MBT.	
	Bhimphedi Group	(Mahabharat Thrust)			
		Kalkar Formation	Sch	Schist, Quartzite	Dark green to gray colored two mica and biotite schist with intercalation of quartzite and garnets. Strongly folded and fractured at places.
		Bhaise Dobhan Formation	MB	Limestone	Coarse crystalline marble, limestone with intercalation of thin schist. Marble and limestone are massive and well bedded.
		Rd	Schist	Coarse-crystalline, highly garnetiferous mica schist, gneissic schist. Some quartzites are also seen in this formation.	



* Mahabharat Thrust (MT):
 Considered as an extension of Main Central Thrust (MCT), which forms the boundary between Higher and Lower Himalayas. Movement of MCT appears to be 5 cm/year in recent years. MT is said to be basement thrust of Kathmandu Nappe which includes Bhimphedi Group.

* Main Boundary Thrust (MBT):
 This thrust forms the boundary between Lower and Sub Himalayas. Siwalik sandstone of folded and faulted Tertiary sedimentary rock have been overthrust in the south of MBT.

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図3.3.3 水路沿いの地質平面図