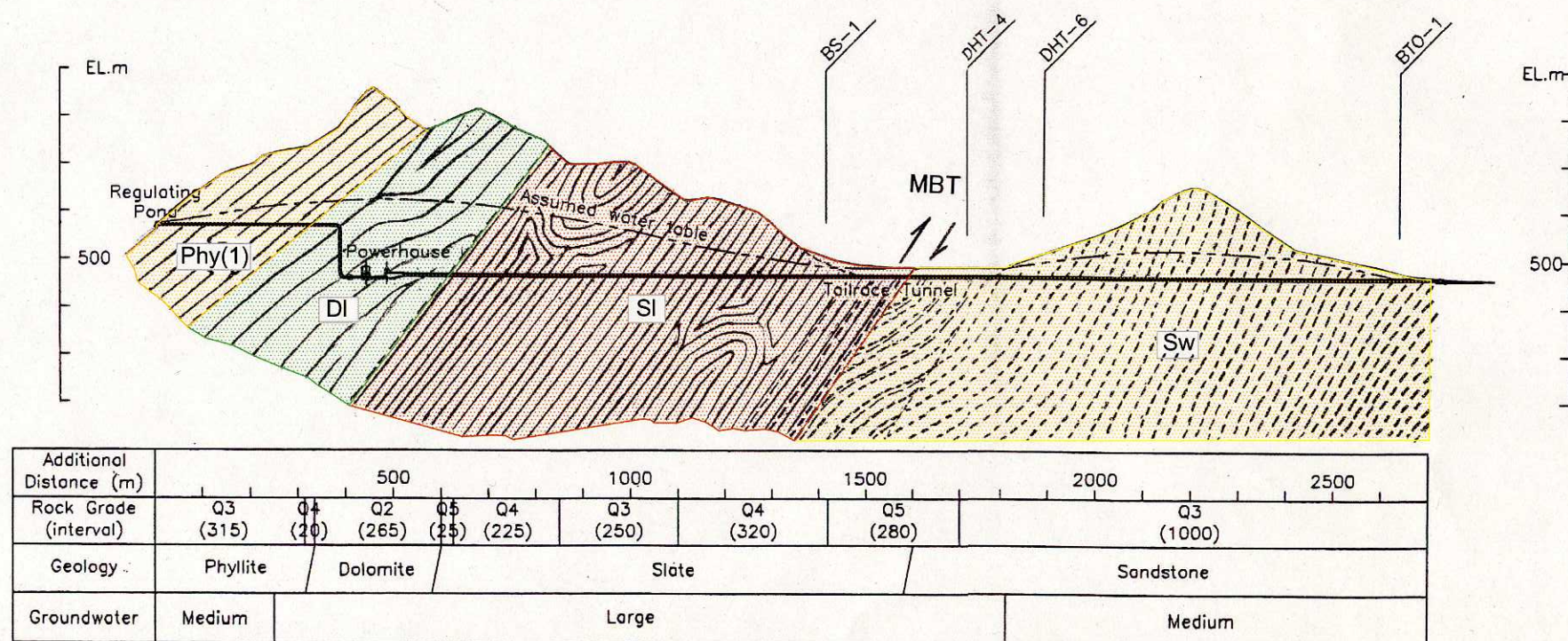


(Inlet To Regulating Pond)



(Regulating Pond To Tailrace)

AGE	GROUP	FORMATION	SYMBOL	ROCK TYPE	GEOLOGY
Cenozoic	Recent Deposits		Pd To	Riverbed deposits Talus and/or Terrace	Sand and gravels with boulders Talus deposits and terrace deposits.
	Siwalik Group	(Unconformity)	Sw	Conglomerate, Sandstone, Mudstone	Sandstone, mudstone, and small portions of conglomerates. Relatively soft and fractured near MBT.
Paleozoic	Upper Nawakot Group	(Main Boundary Thrust)	Phy(2)	Phyllite (2)	Blue green slaty phyllites, generally chloritic. Intercalation of calcareous beds. Relatively compact in general.
		Robang Formation	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.
		Malekhu Formation	Si	Siliceous Dolomite	Light to dark and greenish gray siliceous dolomites. Intercalation of thin crystalline limestone and calc-phyllites. Massive and relatively well bedded.
		Berighat Formation	Sl	Slate/Phyllitic	Dark gray slates and phyllites together with black carbonaceous slate. Fractured and weathered near MBT.
Pre-Cambrian	Bhimphedi Group	(Mahabharat Thrust)	Sw	Schist, Quartzite	Dark green to gray colored two mica and biotite schist with intercalation of quartzite and garnets. Strongly folded and fractured at places.
		Kalitar Formation	Sw	Schist, Quartzite	Dark green to gray colored two mica and biotite schist with intercalation of quartzite and garnets. Strongly folded and fractured at places.
		Bhaire Dobhan Formation	Ys	Limestone	Coarse crystalline marble, limestone with intercalation of thin schist. Marble and limestone are massive and well bedded.
		Radwa Formation	Sw	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 5cm/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.

