

## Malagiri Dhara:

The rock in the area is phyllite, but no surface exposures of phyllite are seen in the area except in the higher parts of the mountain above the village and in some parts around the spring. The area is dominated by sediments that contain boulders of phyllite and other rock types. The size of the sediments varies up to clay size particles. There is also a small escarpment seen upstream of the spring. Thus the spring is of a *depression* type. The present discharge in the spring is about 6 lpm, but this increased discharge is due to the immediate effect of rains on the previous day. This is also indicated by the water quality of the spring water. The TDS in the water are very low indicating it to be water that has travelled a very short distance in the rocks and has had a small resident time in the rock. The entire surface catchment upstream of the spring is a good recharge area for the spring.

