## Water Policy Interim Committee May 11, 2010

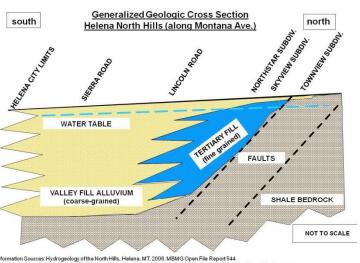
## Helena-Area North Hills Groundwater Tour

## STOP 1 - QUARRY

The first stop will be at the rock quarry in the northwest part of the study area. The quarry is operated by Valley Excavating. Highlights at this stop will include:

- Water development issues in the area
- History of the Controlled Groundwater Areas
- Geologic setting and a cut-away view and description of the fractured rock that forms the principal aquifer beneath much of the area
- Views of the less developed parts of the North Hills
- An overview of the methods the Montana Bureau of Mines and Geology is using to address questions about groundwater use in the North Hills study area





:Hydrogeology of the North Hills, Helena, M.T. 2006. MBMG Open File Report 544 Hydrogeology of the Helena Valley-Fill Aquifer System, West Central Montana, 1992. USGS WRIR 92-4023 Hydrology of Helena Area Bedrock, West-Central Montana, 1993-98. 2000. USGS WRIR 90-4212

## STOP 2 - NORTH STAR SUBDIVISION WATER WORKS

The second and final stop will be at the North Star Subdivision Water Works building. Highlights here will be:

- Site is located in one of the denser residential development areas in the North Hills
- Various groundwater extraction and water treatment schemes used in area subdivisions
- A Realtor's perspective of water use and regulations in the North Hills area
- How the Groundwater Investigation Program's interfaces with the issues