

LOCATION: BLM-21-400

HYDRAULIC CONDITIONS: Unconfined, alluvial aquifer

PERTINENT OBSERVATIONS: No water observed while drilling from 217'-335'. Bailed on open borehole (penetrating alluvium) and water level recovered to 285.74' (surface deflector) indicating approximately 50' of saturated alluvium (285.7'-335'). The recharge rate into the open borehole was relatively slow (0.04 - 0.08 gpm) indicating that alluvium in this interval is producing water at a relatively slow rate. Drilled from 335' - 460' and encountered large quantities of water at 453' (no water observed while drilling until 453'). Large quantity of water at 453' was observed after penetrating approximately 10' of clay (weathered tuff bedrock surface). Penetrated more competent (less weathered) tuff from 455' to 460'.