






**Idealized Hydrostratigraphic Column Showing Aquifer Water Levels**

Elevation (ft)	Depth (ft bls)	Lithology	Hydrostratigraphic Unit	Actual Position of Static Water Levels
5,000	0	Sandstone	Unsaturated Zone	 <b>4,945' - Surficial Aquifer</b>  <b>4,925' - Felix Aquifer</b>
4,950	50		Surficial Aquifer	
4,900	100	Shale	Confining Unit	
4,850	150	Sandstone	Felix Coal Aquifer	
		Shale	Confining Unit	
4,800	200	Sandstone	Lower Wasatch Aquifer	 <b>4,650' - Underburden Aquifer</b>
4,750	250			
4,700	300			
4,650	350	Sandstone, Silt, and Shale		
4,600	400	Shale	Confining Unit	
4,550	450			
4,500	500	Sandstone	Edgerton Aquifer	 <b>4,417' - Overburden Aquifer</b>
4,450	550			
4,400	600	Shale	Confining Unit	 <b>4,320' - Wyodak Aquifer</b>
4,350	650			
4,300	700	Sand and Siltstone	Upper Fort Union Aquifer	
4,250	750			
4,200	800	Shale	Confining Unit	
4,150	850	Shale	Big George Coal Aquifer	
4,100	900			
4,050	950	Shale	Confining Unit	
4,000	1,000	Sandstone	Big George Underburden Sand Aquifer	
		Shale	Confining Unit	
3,950	1,050	Sandstone	Overburden Aquifer	
		Shale	Confining Unit	
3,900	1,100	Shale	Wyodak Coal Aquifer	
		Shale	Confining Unit	
3,850	1,150	Sandstone	Underburden Aquifer	