

## **APPENDIX 10**

PROJECT AREA WELLFIELD LITHOLOGY WELLFIELD DATA GENERALIZED  
INTO SIX STRATIGRAPHIC UNITS

## Wellfield Lithology 6-Layer Model

The table presents the stratigraphic divisions as defined by depth from surface( in meters).

Wells	Generalized Formations					
	Tbf	Tmb	Tvs	Kgr	Jz ign.	Jz-Tr meta-seds.
65-18	0-1753	1753-2335	2335-2509		2509-2885	
32-18	0-2003	2003-2274				
52-18	0-1932		1932-2502		2502-2992	
SWL-3	0-2018	2018-2390	2390-2576	2707-2782	2576-2664	
SWL-2	0-1951	1951-2256		2256-2713		
SWL-2B	0-1896	1896-2454	2454-2554	2554-2618		
SWL-1	0-1692	1692-2211				
62-21	0-2143				2143-2966	2966-3810
45-14	0-335		335-792			792-2774
66-21	0-1250		1250-1585	1585-2455		2455-2889
38-32	0-450				777-1006	450-777 <sup>1</sup> ; 1113-1168
76-28	0-1658	1658-1676	1676-1774	2981-3176	1774-2115	2115-2981
82-5	0-1841	1841-2289	2289-2917	2954-3030	2917-2954	
45-5	0-1625	1625-1981	1981-2173	2173-2779		
28-33	0-1853	1853-2225	2225-2637		2637-2761	2761-2898 <sup>1</sup>
37-33	0-1759	1759-2158	2158-2524	2718-2758	2524-2646	2646-2718 <sup>1</sup>
45-33	0-2737				2737-2926	2926-3124 <sup>1</sup>
76-7	0-2170	2170-2416				
82-7	0-2012	2012-2323	2323-2365		2365-2999	
84-7	0-2068	2068-2347	2347-2481			
73-7	0-2170	2170-2313	2313-2642		2642-2710	
74-7	0-2167	2167-2320	2320-2530		2530-2710	

<sup>1</sup>Jurassic Boyer Ranch Quartzite footnoted because of its significance relative to EGS favorability (

### Legend

**Tbf:** Basin-fill sediments including the lowermost tuffaceous sediments

**Tmb:** Miocene basalt

**Tvs:** Oligocene silicic volcanics including the overlying Miocene lacustrine section and underlying sediments

**Kgr:** Cretaceous granodiorite

**Jz ign.:** Jurassic mafic igneous rocks (Humboldt igneous complex)

**Jz-Tr meta-seds.:** Triassic meta-sediments and Jurassic Boyer Ranch quartzite