

Table DR1. Heat Production Data for the Southwestern United States*

Location	N [†]	A _{today} [§]	A _{1.70 Ga} [#]
		($\mu\text{W}/\text{m}^3$)	($\mu\text{W}/\text{m}^3$)
<u>Hualapai Block</u>			
All	380	2.14	3.12
Felsic intrusives	196	2.69	3.90
<u>Big Bug Block (northern)</u>			
All	53	0.96	1.46
Felsic intrusives	13	2.03	3.11
<u>Big Bug Block (southern)</u>			
All	53	1.66	2.51
Felsic intrusives	38	2.03	3.06
Crazy Basin and Horse Mtn intrusives**	11	2.34	3.46
<u>Ash Creek Block</u>			
All	79	0.83	1.27
Felsic intrusives	31	0.92	1.45
Cherry Creek Batholith	9	0.67	1.08

* U, Th and K data from Baedeker et al., 1998 and Dewitt written comm. 2003

[†] Number of samples

[§] Modern heat production computed from U, Th, K

[#] 1.7 Ga Heat production computed from U, Th, K

** Intrusives with documented protracted cooling

^{††} Intrusives with documented rapid cooling