Table 1. Density-depth functions for basin fill of the Pahute Mesa–Oasis Valley region.

Depth Range	Density (kg/m^3)			
	Initial Model	Silent Canyon Model	Timber Mountain Model	Merged* Model
0.0 - 0.2 km	1900	1900	2100	—
0.2 - 0.6 km	2100	2100	2450	—
0.6 - 1.2 km	2300	2100	2500	—
1.2 - 1.5 km	2450	2100	2550	—
1.5 - 2.0 km	2450	2300	2550	—
> 2.0 km	2450	2450	2550	—
Test Region**:				
Average Depth (km)	3.4	2.4	11.5	3.2
Maximum depth	8.4	6.8	26.2	7.6

Initial model, representative density-depth distribution for study area (Mankinen and others, 1999); Silent Canyon model, low density-depth distribution for the Silent Canyon caldera complex (Hildenbrand and others, 1999; McKee and others, 1999); Timber Mountain model, hypothetical high density-depth distribution as described in text.

*Merged model uses representative density-depth distribution (Initial model) over most of the study area, with data from the Silent Canyon model substituted in the area of the Silent Canyon caldera complex as described by McKee and others (1999).

**Test region includes most of the area encompassing the Silent Canyon and Timber Mountain caldera complexes.