

## APPENDIX 16a

### SECTION DATA FOR GEOSTATISTICAL ANALYSIS

## Table of Contents

1. Introduction.....	3
2. Cross-Sectional Data Summary and Legend.....	5
3. Cross-Section Data Sheet.....	6
Section C-C' .....	6
Section D-D' .....	11
Section E-E' .....	15
Section F-F' .....	19

## List of Tables

Table 16a-1	Parameters included in the Cross-Sectional data set.....	3
Table 16a-2	Description of Trust Value (1-5) assigned to the various data.....	5
Table 16a-3	Summary Description of the seven major Lithologic Formations.....	5
Table 16a-4	Assigned Lithology Parameters.....	5
Table 16a-5	Summary of Lithologic units identified by the combined Gravity and Magnetics modeling.....	5
Table 16a-6	MT Arrays inferred along the Cross-Sections.....	5

# 1. INTRODUCTION

The data shown in this appendix has been organized for the geostatistical analysis. It includes all the available cross-sectional data which is measured (hard data from well logs), modeled, and inferred as well as trust values identified by the individual subject matter experts (see Section 1.4 of the main body of the report). The data is organized by cross-section name (C, D, E, and F) and the data shown corresponds to 500m by 500m cells within the sections. The average elevation of each cell occurs as the midpoint, from 1.25km above sea level (asl) to a depth of -3.75 km asl, in 0.5km increments. The individual parameters included in the data set and a brief description are presented below (Table 16a-1) and in Section 2 of this appendix. The assigned trust value (TV) for applicable data, or the confidence/reliability of a specific data point based on the proximity to a hard data point or limitation of the geophysical model is used for the geostatistical analyses and paired EGS Favorability-Trust Maps. A summary of the trust values can be found in Table 16a-2.

**Table 16a-1.** Parameters included in the cross-sectional data set. Column Number and Column Identifier correspond to the number and column heading for the data presented.

Column ID No.	Column Identifier	Description of the Data
1	Cross-Section	Refers to the specific wellfield cross-section (CC, DD, EE, and FF) that the data is derived.
2	Domain	The cross-sections have been divided into three geographic/geologic domain and within Dixie Valley ( <b>Valley</b> ).
3	Location	X and Z are the lateral and vertical coordinates of a specified 500m by 500m cell numbered along the cross-section, respectively; Elevation refers to the average (mid-point) elevation of the referenced cell in km asl.
4	Lithology	Subsurface formations identified in the cross-sections and associated trust value as identified by the Geology Task Leader. All geologic formations in the area were divided into seven stratigraphic units. Table 3 (below) provides a summary description of each of the formations encountered.
5	EGS Fav <sup>1</sup>	<i>EGS-Fav</i> refers to a pre-determined Engineered Geothermal System (EGS) favorability value for each of the seven stratigraphic formations. The assigned lithologic parameters are outlined in Table 4 (below).
6	Friction <sup>1</sup>	Value of Internal Friction (unitless) for the specified rock type.
7	Certainty <sup>1</sup>	The certainty or confidence in the model predicting the correct rock type. This was defined early in the modeling procedure and differs slightly from the trust values (see Appendix 15, Table 15-4).
8	Density <sup>1</sup>	Density value (g/cc) as estimated from standard samples.
9	Strength <sup>1</sup>	Strength is uniaxial compressive strength in Mpa for standard samples.
10	Stress Parameters: FracIntens	<i>FracIntens</i> refers to a calculated parameter Fracture Intensity which depends on the number of faults present in a given cell, divided by the cell area, and does not include an associated trust value. This parameter was determined by the Geology Task Leader.
11	Stress Parameters: VertStress	<i>VertStress</i> refers to the calculated parameter Vertical Stress. This value was calculated based on the depth and density of overlying rocks and includes a trust value, given a neutral value of 2.5. Modeled data and trust value as determined by the Geology Task Leader.

**Table 16a-1.** Parameters included in the cross-sectional data set. Column Number and Column Identifier correspond to the number and column heading for the data presented.

Column ID No.	Column Identifier	Description of the Data
12	Coulomb Stress Parameters	Modeled coulomb stress change (CSC), dilatation and the associated trust value for the stress parameters as determined by the Geology Task Leader. The data was given a neutral trust value of 2.5.
13	Temperature	Modeled temperature (° Celsius) along the major wellfield cross-sections (see Plates 1 and 2) and trust value (Table A) as identified by the AltaRock-generated thermal model.
14	Seismic Parameters	$V_p$ refers to a modeled primary-wave velocity value (km/sec), while $V_s$ refers to shear-wave velocity (km/sec). The trust value (Table 3) pertains to both parameters as identified by the seismic task leader.
15	Gravity-Magnetics Lithology	Subsurface formations as determined by the joint gravity and magnetic modeling along the wellfield cross-sections and their associated trust values as determined by the gravity and magnetics Task Leader. Table 5 (below) provides a summary of the lithology units identified by the combined Gravity and Magnetics.
16	Resistivity (MT)	Modeled magnetotellurics (MT) as resistivity (ohm-m) and trust value as identified by the MT Task Leader.

<sup>1</sup>Columns nos. 5-9 refer to Assigned Parameters relating to Lithology derived from the Geology Task Leader. See Table 4 (below) for values in reference to lithology type.

2. Cross-sectional Data Summary and Legend

The data shown in Section 3 was developed as a data repository for the statistical anlysis of all the available cross-sectional data modeled along the wellfield cross-sections C-C', D-D', E-E', and F-F'. The data includes hard data (well logs) directly measured from wells that lie along the cross-sections, calculated parameters (vertical stress, lithology-dependent, etc.) and modeled data. Modeled data was either extracted from the vicinity of the cross-section lines (MT, seismic) or modeled along the indicated cross-sections (Grav-Mag, Stress). The trust (confidence) of the data is included where applicable, and used for the geostatistical analysis and EGS Favorability Mapping. Provided below is a description of the various geoscience parameters in Section 3.

**Trust Value (TV):** Conveys the confidence and/or reliability of derived data within a specific cell on a scale of 1-5, based on the proximity to a hard data point and/or limits of the geophysical modeling.

Table 16a-2. Description of Trust Value (1-5) assigned to the various data

Trust Value	Description
5	Hard Data (measured in wells)
4	Strongly Inferred Data, within 0.5km of hard data
3	Weakly Inferred Data, within 1km of hard data
2	Interpolated/Extrapolated Data, more than 1km from hard data point
1	No Data available

1. **Cross-Section:** Refers to the cross-section (CC, DD, EE, FF)
2. **Location:** refers to the location of the specified cell (500m by 500m) in the cross-section
- Domain

The wellfield cross-sections have been divided into three geographic/geologic domains: Stillwater Range (**SR**), Dixie Valley Fault Zone (**DVfZ**), and Dixie Valley (**Valley**).

X

"X" (lateral) coordinate of the specified cell numbered along the cross-section

Z

"Z" (vertical) coordinate of the specified cell numbered along the cross-section

Elevation

Average elevation (km above sea level) or mid-point of a cell from 1.25 (cell from 1.0 to 1.5) to -3.75 (cell from -3.5 to -4.0).
3. **Lithology:** The lithology unit that encompasses the majority of the specified cell. See table that divides the lithology into seven stratigraphic units.

Table 16a-3. Summary Description of the seven major lithologic formations

Unit	Description
Q (QTbf)	Basin-filling sediments including lowermost tuffaceous sediments.
Tmb	Miocene basalt, aka Table Mountain Basalt.
Tv	Oligocene silicic volcanics, overlying lacustrine sediments, and underlying volcaniclastics.
Jbr	Jurassic Boyer Ranch quartzite
Jz	Jurassic Humboldt Igneous group
Tr	Triassic metasediments
Kgr	Cretaceous granodiorite

4. **Assigned Parameters-Lithology:** The following parameters were assigned to their respective lithologic unit.
- EGS Fav

Engineered Geothermal System (EGS) Favorability Value (0-1), assigned qualitatively based on a field excursion.

Friction

Assigned value of Internal Friction of the rock.

Certainty

A qualitative measure of the certainty of the data point with regards to lithology (0-1).

Density

Density values (g/cc) are estimated from standard samples.

Strength

Strength is uniaxial compressive strength in Mpa for standard samples.

Table 16a-4. Assigned Lithlogy Parameters

label	density	strength	internal friction	EGS Fav.
Air	0	0	0	0
Tbf	1.3	1	0.5	0
Tmb	2.5	100	0.7	0.6
Jz	2.6	400	0.8	0.7
Tr	2.4	30	0.6	0.4
Kgr	2.5	230	1.4	0.8
Tv	2.4	75	0.7	0.4
Jbr	2.5	200	0.6	0.8

5. **Calculated Stress Parameters:** The following qualitative parameters were considered with relation to stress conditions.
- FracIntens

Fracture Intensity: based on the cumulative fault length/cell area.

VertStress

Vertical Stress: lithostatic stress (bars) at the center of the cell base on depth and density of rock above.
6. **Coulomb Stress Parameters:** Stress Parameters derived from a ARE generated stress Model (2010) of Dixie Valley using Coulomb 3.1.
- CSC

Coulomb Stress Change on a given fault/fracture due to slip constraints on a number of source faults.  
Positive CSC infers failure is promoted, while negative CSC values infers failure is inhibited.

Dilatation

Expected dilatation on fault/fracture due to the modeled CSC and model constraints.  
Positive values infer fault is open (unclamped), while negative values infer fault is closed (clamped).
7. **Modeled Temperature:** Average temperature (°C) within a specified cell derived from the modeled temperature along the cross-sections.
8. **Seismic Parameters:** Seismic parameters modeled at UNR were extracted from OPTIM reflection data, associated velocity modeling and general crustal models.
- VP

P-wave velocity (km/sec)

VS

S-wave velocity (km/sec)
9. **Gravity-Magnetic inferred Lithology:** Lithology inferred by the combined gravity-magnetics model using the surface gravity (gm/cc) and magnetic (emu/cc) measurements.

Table 16a-5. Summary of Lithologic Units identified by the combined Gravity and Magnetics Modeling

Unit	Description	Density	Magnetics
Tbf	Basin-fill	2.445	-
Ja	Jurassic arenite	2.56	-
Jv	Jurassic volcanics (rhyolite)	2.47	-
Jg	Magnetized Jurassic mafic rocks	2.876	0.004
Tr/Kgr	Tr meta-seds and basement	2.88	-

10. **MT: Resistivity** in ohm-m derived from Magneto-telluric data along three wellfield arrays (N,C,S), see Wannamaker et al. (2007).

Table 16a-6. MT arrays inferred along the Cross-Sections

Array	Cross-Section
N	F-F'
C	D-D' and E-E'
S	C-C'

3. Dixie Valley Cross-Sectional Data

1	2	3			4		5	6	7	8	9	10	11		12			13		14			15		16	
Cross-Section	Do-main	Location			Lithology		Assigned Parameters: Lithology					Stress Parameters			Coulomb Stress Parameters			Temperature		Seismic Parameters			Gravity-Magnetics		MT (Resistivity)	
		X	Z	Ele-vation	Fm	TV	EGS-Fav	Frict-ion	Certain-ty	Densi-ty	Strength	Frac-Intens	Vert-Stress	TV	CSC	Dilatation	TV	° C	TV	Vp	Vs	TV	Lithology	TV	ohm-m	TV
CC	SR	1	3	-3.75	Kgr	1	0.8	1.4	0.3	2.5	230	0	146.51	2.5	-19.55	-4.48E-06	2.5			5.26	3.51	1.03	Tr/Kgr	4		
CC	SR	1	4	-3.25	Kgr	1	0.8	1.4	0.3	2.5	230	0	134.26	2.5	-19.67	-6.26E-06	2.5			5.23	3.50	1.07	Tr/Kgr	4		
CC	SR	1	5	-2.75	Kgr	1	0.8	1.4	0.4	2.5	230	0	122.01	2.5	-19.95	-8.06E-06	2.5			5.20	3.49	1.11	Tr/Kgr	4		
CC	SR	1	6	-2.25	Kgr	1	0.8	1.4	0.4	2.5	230	0	109.76	2.5	-20.41	-9.89E-06	2.5			5.16	3.48	1.15	Tr/Kgr	4		
CC	SR	1	7	-1.75	Kgr	1	0.8	1.4	0.4	2.5	230	0	97.51	2.5	-21.09	-0.0000118	2.5			4.67	3.44	1.17	Tr/Kgr	4		
CC	SR	1	8	-1.25	Kgr	1	0.8	1.4	0.4	2.5	230	0	85.26	2.5	-22.04	-0.0000138	2.5			4.67	3.31	0.94	Tr/Kgr	4		
CC	SR	1	9	-0.75	Kgr	2	0.8	1.4	0.5	2.5	230	0	73.01	2.5	-23.31	-0.0000158	2.5			5.13	3.15	0.70	Tr/Kgr	5		
CC	SR	1	10	-0.25	Tr	3	0.4	0.6	0.6	2.4	30	0	60.76	2.5	-24.96	-0.000018	2.5			5.10	2.99	0.70	Tr/Kgr	5		
CC	SR	1	11	0.25	Tr	4	0.4	0.6	0.7	2.4	30	0	49	2.5	-27.06	-0.0000204	2.5			4.23	2.68	0.83	Tr/Kgr	5		
CC	SR	1	12	0.75	Tr	4	0.4	0.6	0.7	2.4	30	0	37.24	2.5	-29.68	-0.0000228	2.5			2.79	1.66	0.96	Tr/Kgr	5		
CC	SR	1	13	1.25	Jz	5	0.7	0.8	0.8	2.6	400	0	25.48	2.5	-32.90	-0.0000255	2.5						Jg	5		
CC	SR	2	3	-3.75	Kgr	1	0.8	1.4	0.4	2.5	230	0	133.77	2.5	-19.12	-4.44E-06	2.5			5.26	3.51	0.96	Tr/Kgr	4		
CC	SR	2	4	-3.25	Kgr	1	0.8	1.4	0.4	2.5	230	0	121.52	2.5	-19.00	-0.0000061	2.5			5.23	3.50	1.00	Tr/Kgr	4		
CC	SR	2	5	-2.75	Kgr	1	0.8	1.4	0.4	2.5	230	0	109.27	2.5	-19.02	-7.79E-06	2.5			5.20	3.49	1.04	Tr/Kgr	4		
CC	SR	2	6	-2.25	Kgr	1	0.8	1.4	0.5	2.5	230	0	97.02	2.5	-19.20	-9.51E-06	2.5			5.16	3.48	1.08	Tr/Kgr	4		
CC	SR	2	7	-1.75	Kgr	1	0.8	1.4	0.5	2.5	230	0	84.77	2.5	-19.58	-0.0000113	2.5			4.74	3.44	1.17	Tr/Kgr	4		
CC	SR	2	8	-1.25	Kgr	1	0.8	1.4	0.5	2.5	230	0	72.52	2.5	-20.20	-0.0000132	2.5			4.73	3.31	1.12	Tr/Kgr	4		
CC	SR	2	9	-0.75	Kgr	2	0.8	1.4	0.5	2.5	230	0	60.27	2.5	-21.11	-0.0000152	2.5			5.12	3.15	1.08	Tr/Kgr	5		
CC	SR	2	10	-0.25	Tr	3	0.4	0.6	0.6	2.4	30	0	48.02	2.5	-22.37	-0.0000173	2.5			5.03	2.99	1.17	Tr/Kgr	5		
CC	SR	2	11	0.25	Tr	4	0.4	0.6	0.7	2.4	30	0	36.26	2.5	-24.04	-0.0000195	2.5			4.03	2.68	1.36	Tr/Kgr	5		
CC	SR	2	12	0.75	Tr	4	0.4	0.6	0.8	2.4	30	0	24.5	2.5	-26.21	-0.0000219	2.5			2.66	1.66	1.55	Tr/Kgr	5		
CC	SR	2	13	1.25	Jz	5	0.7	0.8	0.8	2.6	400	0	12.74	2.5	-28.98	-0.0000244	2.5						Jg	5		
CC	SR	3	3	-3.75	Kgr	1	0.8	1.4	0.5	2.5	230	0	133.77	2.5	-18.47	-4.41E-06	2.5	275	1	5.26	3.51	0.96	Tr/Kgr	4		
CC	SR	3	4	-3.25	Kgr	1	0.8	1.4	0.5	2.5	230	0	121.52	2.5	-18.11	-5.93E-06	2.5	265	1	5.23	3.50	1.00	Tr/Kgr	4		
CC	SR	3	5	-2.75	Kgr	1	0.8	1.4	0.5	2.5	230	0	109.27	2.5	-17.88	-7.48E-06	2.5	250	1	5.20	3.49	1.04	Tr/Kgr	4		
CC	SR	3	6	-2.25	Kgr	1	0.8	1.4	0.5	2.5	230	0	97.02	2.5	-17.78	-9.06E-06	2.5	250	1	5.16	3.48	1.08	Tr/Kgr	4		
CC	SR	3	7	-1.75	Kgr	1	0.8	1.4	0.6	2.5	230	0	84.77	2.5	-17.84	-0.0000107	2.5	225	2	4.74	3.44	1.17	Tr/Kgr	4		
CC	SR	3	8	-1.25	Kgr	1	0.8	1.4	0.6	2.5	230	0	72.52	2.5	-18.09	-0.0000125	2.5	200	2	4.73	3.31	1.12	Tr/Kgr	4		
CC	SR	3	9	-0.75	Kgr	2	0.8	1.4	0.6	2.5	230	0	60.27	2.5	-18.58	-0.0000143	2.5	150	3	5.12	3.15	1.08	Tr/Kgr	5		
CC	SR	3	10	-0.25	Tr	3	0.4	0.6	0.6	2.4	30	0	48.02	2.5	-19.37	-0.0000163	2.5	125	3	5.03	2.99	1.17	Tr/Kgr	5		
CC	SR	3	11	0.25	Tr	4	0.4	0.6	0.7	2.4	30	0	36.26	2.5	-20.52	-0.0000184	2.5	100	3	4.03	2.68	1.36	Tr/Kgr	5		
CC	SR	3	12	0.75	Tr	4	0.4	0.6	0.8	2.4	30	0	24.5	2.5	-22.12	-0.0000206	2.5	50	3	2.66	1.66	1.55	Tr/Kgr	5		
CC	SR	3	13	1.25	Jz	5	0.7	0.8	0.9	2.6	400	0	12.74	2.5	-24.26	-0.000023	2.5	50	3				Jg	5		
CC	SR	4	3	-3.75	Kgr	1	0.8	1.4	0.6	2.5	230	0	133.77	2.5	-17.58	-4.41E-06	2.5	275	1	5.17	3.51	1.39	Tr/Kgr	4		
CC	SR	4	4	-3.25	Kgr	1	0.8	1.4	0.6	2.5	230	0	121.52	2.5	-17.01	-5.75E-06	2.5	275	1	5.10	3.50	1.48	Tr/Kgr	4		
CC	SR	4	5	-2.75	Kgr	1	0.8	1.4	0.6	2.5	230	0	109.27	2.5	-16.53	-7.12E-06	2.5	260	1	5.03	3.49	1.57	Tr/Kgr	4	4000	4
CC	SR	4	6	-2.25	Kgr	1	0.8	1.4	0.6	2.5	230	0	97.02	2.5	-16.14	-8.54E-06	2.5	250	1	4.95	3.48	1.66	Tr/Kgr	4	3000	4
CC	SR	4	7	-1.75	Kgr	1	0.8	1.4	0.6	2.5	230	0	84.77	2.5	-15.88	-0.00001	2.5	250	2	4.70	3.44	1.77	Tr/Kgr	4	2000	4
CC	SR	4	8	-1.25	Kgr	1	0.8	1.4	0.7	2.5	230	0	72.52	2.5	-15.76	-0.0000116	2.5	225	2	4.68	3.31	1.76	Tr/Kgr	4	1000	4
CC	SR	4	9	-0.75	Kgr	2	0.8	1.4	0.7	2.5	230	0	60.27	2.5	-15.81	-0.0000133	2.5	175	3	4.88	3.15	1.76	Tr/Kgr	5	500	5
CC	SR	4	10	-0.25	Tr	3	0.4	0.6	0.7	2.4	30	0	48.02	2.5	-16.08	-0.0000151	2.5	125	3	4.85	2.99	1.84	Tr/Kgr	5	200	5
CC	SR	4	11	0.25	Tr	4	0.4	0.6	0.7	2.4	30	0	36.26	2.5	-16.63	-0.000017	2.5	100	4	4.03	2.68	2.07	Tr/Kgr	5	80	5
CC	SR	4	12	0.75	Tr	4	0.4	0.6	0.8	2.4	30	0	24.5	2.5	-17.55	-0.0000191	2.5	50	4	2.68	1.66	2.29	Tr/Kgr	5	100	5
CC	SR	4	13	1.25	Jz	5	0.7	0.8	0.9	2.6	400	0.1	12.74	2.5	-18.94	-0.0000212	2.5	50	4				Tr/Kgr	5		



Dixie Valley Cross-Sectional Data (continued)

1	2	3			4		5	6	7	8	9	10	11		12			13		14			15		16	
Cross-Section	Do-main	Location			Lithology		Assigned Parameters: Lithology					Stress Parameters			Coulomb Stress Parameters			Temperature		Seismic Parameters			Gravity-Magnetics		MT (Resistivity)	
		X	Z	Ele-vation	Fm	TV	EGS-Fav	Frict-ion	Certain-ty	Densi-ty	Strength	Frac-Intens	Vert-Stress	TV	CSC	Dilatation	TV	° C	TV	Vp	Vs	TV	Lithology	TV	ohm-m	TV
CC	SR	5	3	-3.75	Kgr	1	0.8	1.4	0.6	2.5	230	0	122.01	2.5	-16.44	-4.41E-06	2.5	275	2	5.17	3.51	1.39	Tr/Kgr	4		
CC	SR	5	4	-3.25	Kgr	1	0.8	1.4	0.7	2.5	230	0	109.76	2.5	-15.67	-5.55E-06	2.5	275	2	5.10	3.50	1.48	Tr/Kgr	4		
CC	SR	5	5	-2.75	Kgr	1	0.8	1.4	0.7	2.5	230	0	97.51	2.5	-14.97	-6.71E-06	2.5	260	2	5.03	3.49	1.57	Tr/Kgr	4	4000	4
CC	SR	5	6	-2.25	Kgr	1	0.8	1.4	0.7	2.5	230	0	85.26	2.5	-14.33	-7.93E-06	2.5	250	3	4.95	3.48	1.66	Tr/Kgr	4	4000	4
CC	SR	5	7	-1.75	Kgr	1	0.8	1.4	0.7	2.5	230	0	73.01	2.5	-13.76	-9.21E-06	2.5	250	3	4.70	3.44	1.77	Tr/Kgr	4	3000	4
CC	SR	5	8	-1.25	Kgr	2	0.8	1.4	0.7	2.5	230	0	60.76	2.5	-13.27	-0.0000106	2.5	225	4	4.68	3.31	1.76	Tr/Kgr	4	2000	4
CC	SR	5	9	-0.75	Kgr	2	0.8	1.4	0.8	2.5	230	0	48.51	2.5	-12.88	-0.0000121	2.5	200	4	4.88	3.15	1.76	Tr/Kgr	5	1000	5
CC	DVFZ	5	10	-0.25	Tr	3	0.4	0.6	0.8	2.4	30	0.2	36.26	2.5	-12.63	-0.0000136	2.5	150	4	4.85	2.99	1.84	Tr/Kgr	5	300	5
CC	DVFZ	5	11	0.25	Tr	3	0.4	0.6	0.8	2.4	30	0.2	24.5	2.5	-12.56	-0.0000153	2.5	125	4	4.03	2.68	2.07	Tr/Kgr	5	100	5
CC	DVFZ	5	12	0.75	Jz	4	0.7	0.8	0.8	2.6	400	0.2	12.74	2.5	-12.75	-0.0000171	2.5	100	4	2.68	1.66	2.29	Jg	5	200	5
CC	DVFZ	5	13	1.25			0	0	0.9	0	0	0	0	2.5	-13.29	-0.0000191	2.5	0								
CC	SR	6	3	-3.75	Kgr	1	0.8	1.4	0.6	2.5	230	0	122.5	2.5	-15.02	-4.41E-06	2.5	300	2	5.17	3.51	1.31	Tr/Kgr	4		
CC	SR	6	4	-3.25	Kgr	1	0.8	1.4	0.7	2.5	230	0	110.25	2.5	-14.11	-5.32E-06	2.5	275	2	5.10	3.50	1.39	Tr/Kgr	4		
CC	SR	6	5	-2.75	Kgr	1	0.8	1.4	0.8	2.5	230	0	98	2.5	-13.22	-6.25E-06	2.5	275	2	5.02	3.49	1.48	Tr/Kgr	4	3000	4
CC	SR	6	6	-2.25	Kgr	2	0.8	1.4	0.8	2.5	230	0	85.75	2.5	-12.36	-7.23E-06	2.5	260	3	4.95	3.48	1.56	Tr/Kgr	4	3000	4
CC	SR	6	7	-1.75	Kgr	2	0.8	1.4	0.8	2.5	230	0	73.5	2.5	-11.52	-8.28E-06	2.5	250	3	4.70	3.44	1.70	Tr/Kgr	4	3000	4
CC	SR	6	8	-1.25	Kgr	3	0.8	1.4	0.7	2.5	230	0.3	61.25	2.5	-10.70	-9.41E-06	2.5	250	4	4.67	3.31	1.78	Tr/Kgr	4	2000	4
CC	DVFZ	6	9	-0.75	Tr	3	0.4	0.6	0.8	2.4	30	0.4	49	2.5	-9.91	-0.0000106	2.5	225	4	4.85	3.15	1.87	Tr/Kgr	5	1000	5
CC	DVFZ	6	10	-0.25	Tr	4	0.4	0.6	0.9	2.4	30	0.3	37.24	2.5	-9.17	-0.0000119	2.5	200	5	4.82	2.99	2.02	Tr/Kgr	5	800	5
CC	DVFZ	6	11	0.25	Jz	4	0.7	0.8	0.9	2.6	400	0.2	25.48	2.5	-8.50	-0.0000134	2.5	150	5	4.04	2.68	2.30	Tr/Kgr	5	250	5
CC	DVFZ	6	12	0.75	Jz	5	0.7	0.8	0.9	2.6	400	0.2	12.74	2.5	-7.96	-0.0000149	2.5	100	5	2.78	1.66	2.54	Jg	5	50	5
CC		6	13	1.25			0	0	0.9	0	0	0.1	0	2.5	-7.62	-0.0000165	2.5	0								
CC	DVFZ	7	3	-3.75	Kgr	1	0.8	1.4	0.6	2.5	230	0.1	115.64	2.5	-13.34	-4.41E-06	2.5	300	3	5.17	3.51	1.23	Tr/Kgr	4		
CC	DVFZ	7	4	-3.25	Kgr	1	0.8	1.4	0.7	2.5	230	0.2	103.39	2.5	-12.32	-5.06E-06	2.5	290	4	5.10	3.50	1.32	Tr/Kgr	4		
CC	DVFZ	7	5	-2.75	Kgr	1	0.8	1.4	0.8	2.5	230	0.2	91.14	2.5	-11.31	-5.74E-06	2.5	280	4	5.03	3.49	1.40	Tr/Kgr	4	1500	4
CC	DVFZ	7	6	-2.25	Kgr	2	0.8	1.4	0.9	2.5	230	0.2	78.89	2.5	-10.28	-6.46E-06	2.5	260	4	4.95	3.48	1.48	Tr/Kgr	4	1000	4
CC	DVFZ	7	7	-1.75	Kgr	2	0.8	1.4	0.8	2.5	230	0.2	66.64	2.5	-9.23	-7.24E-06	2.5	250	4	4.72	3.44	1.64	Tr/Kgr	4	1000	4
CC	DVFZ	7	8	-1.25	Tr	3	0.4	0.6	0.8	2.4	30	0.1	54.39	2.5	-8.14	-8.09E-06	2.5	250	4	4.70	3.31	1.78	Tr/Kgr	4	1000	4
CC	DVFZ	7	9	-0.75	Tr	3	0.4	0.6	0.8	2.4	30	0	42.63	2.5	-7.00	-9.01E-06	2.5	200	4	4.87	3.15	1.93	Tr/Kgr	5	1000	5
CC	DVFZ	7	10	-0.25	Tr	4	0.4	0.6	0.8	2.4	30	0	30.87	2.5	-5.83	-0.00001	2.5	175	4	4.85	2.99	2.15	Tr/Kgr	5	200	5
CC	DVFZ	7	11	0.25	Jz	4	0.7	0.8	0.8	2.6	400	0	19.11	2.5	-4.62	-0.0000111	2.5	125	4	4.05	2.68	2.48	Tr/Kgr	5	50	5
CC	DVFZ	7	12	0.75	Q	5	0	0.5	0.9	1.3	1	0	6.37	2.5	-3.41	-0.0000123	2.5	100	4	2.78	1.66	2.73	Tr/Kgr	5	7	5
CC		7	13	1.25			0	0	1	0	0	0	0	2.5	-2.24	-0.0000135	2.5	0								
CC	DVFZ	8	3	-3.75	Kgr	1	0.8	1.4	0.7	2.5	230	0.1	109.27	2.5	-11.43	-0.0000044	2.5	300	4	5.18	3.51	1.17	Tr/Kgr	4		
CC	DVFZ	8	4	-3.25	Kgr	1	0.8	1.4	0.7	2.5	230	0	97.02	2.5	-10.36	-4.77E-06	2.5	290	5	5.11	3.50	1.25	Tr/Kgr	4		
CC	DVFZ	8	5	-2.75	Kgr	2	0.8	1.4	0.8	2.5	230	0	84.77	2.5	-9.26	-5.17E-06	2.5	275	5	5.03	3.49	1.33	Tr/Kgr	4	800	4
CC	DVFZ	8	6	-2.25	Kgr	2	0.8	1.4	0.9	2.5	230	0	72.52	2.5	-8.12	-5.61E-06	2.5	250	5	4.96	3.48	1.41	Tr/Kgr	4	200	4
CC	DVFZ	8	7	-1.75	Kgr	3	0.8	1.4	0.9	2.5	230	0	60.27	2.5	-6.92	-0.0000061	2.5	250	4	4.74	3.44	1.59	Tr/Kgr	4	200	4
CC	DVFZ	8	8	-1.25	Tr	3	0.4	0.6	0.9	2.4	30	0	48.02	2.5	-5.63	-6.64E-06	2.5	225	4	4.72	3.31	1.78	Jg	4	200	4
CC	DVFZ	8	9	-0.75	Tr	4	0.4	0.6	0.8	2.4	30	0	36.26	2.5	-4.24	-7.25E-06	2.5	225	4	4.89	3.15	1.99	Tr/Kgr	5	200	5
CC	DVFZ	8	10	-0.25	Tr	4	0.4	0.6	0.8	2.4	30	0	24.5	2.5	-2.72	-7.91E-06	2.5	200	4	4.87	2.99	2.26	Tr/Kgr	5	50	5
CC	DVFZ	8	11	0.25	Q	4	0	0.5	0.8	1.3	1	0	12.74	2.5	-1.07	-8.64E-06	2.5	150	4	4.04	2.68	2.63	Tr/Kgr	5	15	5
CC	DVFZ	8	12	0.75	Q	5	0	0.5	0.9	1.3	1	0	6.37	2.5	0.72	-9.42E-06	2.5	125	4	2.71	1.66	2.89	Tbf	5	5	5
CC		8	13	1.25			0	0	1	0	0	0	0	2.5	2.62	-0.0000103	2.5	0								

Dixie Valley Cross-Sectional Data (continued)

1	2	3			4		5	6	7	8	9	10	11		12			13		14			15		16	
Cross-Section	Do-main	Location			Lithology		Assigned Parameters: Lithology					Stress Parameters			Coulomb Stress Parameters			Temperature		Seismic Parameters			Gravity-Magnetics		MT (Resistivity)	
		X	Z	Ele-vation	Fm	TV	EGS-Fav	Frict-ion	Certain-ty	Densi-ty	Strength	Frac-Intens	Vert-Stress	TV	CSC	Dilatation	TV	° C	TV	Vp	Vs	TV	Lithology	TV	ohm-m	TV
CC	DVFZ	9	3	-3.75	Kgr	1	0.8	1.4	0.7	2.5	230	0	109.27	2.5	-9.32	-4.37E-06	2.5	300	3	5.17	3.51	1.07	Tr/Kgr	4		
CC	DVFZ	9	4	-3.25	Kgr	1	0.8	1.4	0.8	2.5	230	0	97.02	2.5	-8.25	-4.45E-06	2.5	290	3	5.10	3.50	1.15	Tr/Kgr	4		
CC	DVFZ	9	5	-2.75	Kgr	2	0.8	1.4	0.8	2.5	230	0	84.77	2.5	-7.13	-4.56E-06	2.5	275	4	5.02	3.49	1.22	Tr/Kgr	4	200	4
CC	DVFZ	9	6	-2.25	Kgr	2	0.8	1.4	0.8	2.5	230	0	72.52	2.5	-5.94	-4.71E-06	2.5	260	4	4.94	3.48	1.29	Tr/Kgr	4	100	4
CC	DVFZ	9	7	-1.75	Kgr	3	0.8	1.4	0.8	2.5	230	0	60.27	2.5	-4.65	-4.89E-06	2.5	250	4	4.70	3.44	1.60	Tr/Kgr	4	100	4
CC	DVFZ	9	8	-1.25	Tr	3	0.4	0.6	0.9	2.4	30	0.1	48.02	2.5	-3.24	-5.12E-06	2.5	225	4	4.62	3.31	1.95	Jg	4	100	4
CC	DVFZ	9	9	-0.75	Tr	4	0.4	0.6	0.9	2.4	30	0.2	36.26	2.5	-1.66	-5.38E-06	2.5	225	5	4.74	3.15	2.20	Tr/Kgr	5	100	5
CC	DVFZ	9	10	-0.25	Tr	4	0.4	0.6	0.9	2.4	30	0.2	24.5	2.5	0.10	-5.68E-06	2.5	200	5	4.72	2.99	2.49	Tr/Kgr	5	20	5
CC	DVFZ	9	11	0.25	Q	5	0	0.5	0.9	1.3	1	0.1	12.74	2.5	2.09	-6.02E-06	2.5	150	5	4.00	2.68	2.88	Tbf	5	5	5
CC	DVFZ	9	12	0.75	Q	5	0	0.5	0.9	1.3	1	0	6.37	2.5	4.33	-6.39E-06	2.5	125	5	2.73	1.66	3.14	Tbf	5	2	5
CC		9	13	1.25			0	0	1	0	0	0	0	2.5	6.82	-6.78E-06	2.5	0								
CC	DVFZ	10	3	-3.75	Kgr	1	0.8	1.4	0.7	2.5	230	0.2	105.35	2.5	-7.10	-4.31E-06	2.5	290	4	5.16	3.48	0.92	Tr/Kgr	4		
CC	DVFZ	10	4	-3.25	Kgr	1	0.8	1.4	0.8	2.5	230	0.2	93.1	2.5	-6.08	-0.0000041	2.5	275	5	5.08	3.48	0.99	Tr/Kgr	4		
CC	DVFZ	10	5	-2.75	Kgr	2	0.8	1.4	0.9	2.5	230	0.4	80.85	2.5	-4.98	-3.91E-06	2.5	270	5	5.01	3.47	1.05	Tr/Kgr	4	100	4
CC	DVFZ	10	6	-2.25	Tr	2	0.4	0.6	0.9	2.4	30	0.4	68.6	2.5	-3.78	-3.76E-06	2.5	260	4	4.92	3.46	1.11	Tr/Kgr	4	80	4
CC	DVFZ	10	7	-1.75	Jz	3	0.7	0.8	0.9	2.6	400	0.4	56.84	2.5	-2.46	-3.64E-06	2.5	250	4	4.69	3.43	1.37	Tr/Kgr	4	80	4
CC	DVFZ	10	8	-1.25	Jz	3	0.7	0.8	0.8	2.6	400	0.3	44.1	2.5	-0.98	-3.54E-06	2.5	225	4	4.61	3.32	1.66	Jg	4	80	4
CC	DVFZ	10	9	-0.75	Tmb	4	0.6	0.7	0.8	2.5	100	0.2	31.36	2.5	0.70	-3.46E-06	2.5	200	4	4.72	3.18	1.86	Tbf	5	30	5
CC	DVFZ	10	10	-0.25	Q	4	0	0.5	0.8	1.3	1	0.2	19.11	2.5	2.63	-3.39E-06	2.5	175	4	4.69	3.05	2.11	Tbf	5	10	5
CC	DVFZ	10	11	0.25	Q	4	0	0.5	0.8	1.3	1	0.2	12.74	2.5	4.84	-3.33E-06	2.5	125	4	3.96	2.68	2.64	Tbf	5	2	5
CC	DVFZ	10	12	0.75	Q	5	0	0.5	0.9	1.3	1	0.1	6.37	2.5	7.40	-3.27E-06	2.5	100	4	2.68	1.66	3.15	Tbf	5	2	5
CC		10	13	1.25			0	0	1	0	0	0	0	2.5	10.34	-3.21E-06	2.5	0								
CC	Valley	11	3	-3.75	Kgr	1	0.8	1.4	0.7	2.5	230	0	98.98	2.5	-4.84	-4.23E-06	2.5	285	4	5.14	3.48	0.84	Tr/Kgr	4		
CC	Valley	11	4	-3.25	Kgr	1	0.8	1.4	0.8	2.5	230	0	86.73	2.5	-3.89	-3.72E-06	2.5	275	4	5.06	3.48	0.90	Tr/Kgr	4		
CC	Valley	11	5	-2.75	Tr	2	0.4	0.6	0.8	2.4	30	0	74.48	2.5	-2.85	-3.25E-06	2.5	260	4	4.98	3.47	0.96	Tr/Kgr	4	50	4
CC	Valley	11	6	-2.25	Tr	2	0.4	0.6	0.8	2.4	30	0	62.72	2.5	-1.68	-0.0000028	2.5	250	5	4.90	3.46	1.02	Tr/Kgr	4	20	4
CC	Valley	11	7	-1.75	Jz	3	0.7	0.8	0.8	2.6	400	0	50.96	2.5	-0.37	-2.37E-06	2.5	225	5	4.64	3.43	1.34	Tr/Kgr	4	20	4
CC	Valley	11	8	-1.25	Jz	3	0.7	0.8	0.9	2.6	400	0	38.22	2.5	1.13	-1.95E-06	2.5	225	5	4.51	3.32	1.68	Jg	4	20	4
CC	Valley	11	9	-0.75	Q	4	0	0.5	0.9	1.3	1	0	25.48	2.5	2.86	-1.53E-06	2.5	200	5	4.59	3.18	1.85	Tbf	5	20	5
CC	Valley	11	10	-0.25	Q	4	0	0.5	0.9	1.3	1	0	19.11	2.5	4.87	-0.0000011	2.5	150	5	4.56	3.05	2.07	Tbf	5	8	5
CC	Valley	11	11	0.25	Q	5	0	0.5	0.9	1.3	1	0	12.74	2.5	7.23	-6.49E-07	2.5	125	5	3.94	2.68	2.71	Tbf	5	1	5
CC	Valley	11	12	0.75	Q	5	0	0.5	0.9	1.3	1	0	6.37	2.5	9.99	-1.75E-07	2.5	100	5	2.71	1.66	3.37	Tbf	5	2	5
CC		11	13	1.25			0	0	1	0	0	0	0	2.5	13.24	3.36E-07	2.5	0								
CC	Valley	12	3	-3.75	Kgr	1	0.8	1.4	0.7	2.5	230	0	98.98	2.5	-2.62	-0.0000041	2.5	275	4	5.16	3.48	0.78	Tr/Kgr	4		
CC	Valley	12	4	-3.25	Kgr	1	0.8	1.4	0.7	2.5	230	0	86.73	2.5	-1.76	-3.32E-06	2.5	260	4	5.08	3.48	0.84	Tr/Kgr	4		
CC	Valley	12	5	-2.75	Tr	1	0.4	0.6	0.7	2.4	30	0	74.48	2.5	-0.79	-2.57E-06	2.5	250	4	5.00	3.47	0.89	Tr/Kgr	4	20	4
CC	Valley	12	6	-2.25	Tr	1	0.4	0.6	0.7	2.4	30	0	62.72	2.5	0.33	-1.84E-06	2.5	250	4	4.91	3.46	0.95	Tr/Kgr	4	10	4
CC	Valley	12	7	-1.75	Jz	1	0.7	0.8	0.8	2.6	400	0	50.96	2.5	1.61	-1.12E-06	2.5	225	4	4.68	3.43	1.27	Tr/Kgr	4	10	4
CC	Valley	12	8	-1.25	Jz	2	0.7	0.8	0.8	2.6	400	0	38.22	2.5	3.09	-3.89E-07	2.5	200	4	4.57	3.32	1.66	Jg	4	10	4
CC	Valley	12	9	-0.75	Q	3	0	0.5	0.8	1.3	1	0	25.48	2.5	4.83	3.59E-07	2.5	175	4	4.66	3.18	1.90	Tbf	5	10	5
CC	Valley	12	10	-0.25	Q	4	0	0.5	0.8	1.3	1	0	19.11	2.5	6.88	1.14E-06	2.5	150	4	4.63	3.05	2.17	Tbf	5	5	5
CC	Valley	12	11	0.25	Q	4	0	0.5	0.8	1.3	1	0	12.74	2.5	9.32	1.96E-06	2.5	100	4	3.98	2.68	2.87	Tbf	5	1	5
CC	Valley	12	12	0.75	Q	5	0	0.5	0.9	1.3	1	0	6.37	2.5	12.21	2.83E-06	2.5	50	4	2.72	1.66	3.54	Tbf	5	2	5
CC		12	13	1.25			0	0	1	0	0	0	0	2.5	15.64	3.77E-06	2.5	0								



Dixie Valley Cross-Sectional Data (continued)

1	2	3			4		5	6	7	8	9	10	11		12			13		14			15		16	
Cross-Section	Do-main	Location			Lithology		Assigned Parameters: Lithology					Stress Parameters			Coulomb Stress Parameters			Temperature		Seismic Parameters			Gravity-Magnetics		MT (Resistivity)	
		X	Z	Ele-vation	Fm	TV	EGS-Fav	Frict-ion	Certain-ty	Densi-ty	Strength	Frac-Intens	Vert-Stress	TV	CSC	Dilatation	TV	° C	TV	Vp	Vs	TV	Lithology	TV	ohm-m	TV
CC	Valley	13	3	-3.75	Kgr	1	0.8	1.4	0.6	2.5	230	0	98.98	2.5	-0.51	-3.94E-06	2.5	275	3	5.15	3.48	0.72	Tr/Kgr	4		
CC	Valley	13	4	-3.25	Kgr	1	0.8	1.4	0.6	2.5	230	0	86.73	2.5	0.26	-2.89E-06	2.5	260	3	5.07	3.48	0.77	Tr/Kgr	4		
CC	Valley	13	5	-2.75	Tr	1	0.4	0.6	0.6	2.4	30	0	74.48	2.5	1.16	-1.88E-06	2.5	250	3	4.99	3.47	0.82	Tr/Kgr	4	10	4
CC	Valley	13	6	-2.25	Tr	1	0.4	0.6	0.7	2.4	30	0	62.72	2.5	2.22	-8.9E-07	2.5	225	4	4.90	3.46	0.88	Tr/Kgr	4	7	4
CC	Valley	13	7	-1.75	Jz	1	0.7	0.8	0.7	2.6	400	0	50.96	2.5	3.47	1.06E-07	2.5	225	4	4.68	3.43	1.29	Tr/Kgr	4	8	4
CC	Valley	13	8	-1.25	Jz	2	0.7	0.8	0.7	2.6	400	0	38.22	2.5	4.93	1.12E-06	2.5	200	4	4.56	3.32	1.76	Jg	4	8	4
CC	Valley	13	9	-0.75	Q	3	0	0.5	0.8	1.3	1	0	25.48	2.5	6.66	2.17E-06	2.5	175	4	4.61	3.18	1.98	Tbf	5	8	5
CC	Valley	13	10	-0.25	Q	4	0	0.5	0.8	1.3	1	0	19.11	2.5	8.72	3.27E-06	2.5	125	4	4.56	3.05	2.21	Tbf	5	3	5
CC	Valley	13	11	0.25	Q	4	0	0.5	0.8	1.3	1	0	12.74	2.5	11.19	4.43E-06	2.5	100	4	3.93	2.68	2.97	Tbf	5	1	5
CC	Valley	13	12	0.75	Q	5	0	0.5	0.9	1.3	1	0	6.37	2.5	14.15	5.68E-06	2.5	50	4	2.69	1.66	3.70	Tbf	5	2	5
CC		13	13	1.25			0	0	1	0	0	0	0	2.5	17.69	7.01E-06	2.5	0								
CC	Valley	14	3	-3.75	Kgr	1	0.8	1.4	0.5	2.5	230	0	98.98	2.5	1.43	-3.73E-06	2.5	260	3	5.14	3.48	0.70	Tr/Kgr	4		
CC	Valley	14	4	-3.25	Kgr	1	0.8	1.4	0.5	2.5	230	0	86.73	2.5	2.13	-2.45E-06	2.5	250	3	5.05	3.48	0.76	Tr/Kgr	4		
CC	Valley	14	5	-2.75	Tr	1	0.4	0.6	0.6	2.4	30	0	74.48	2.5	2.97	-0.0000012	2.5	250	3	4.97	3.47	0.81	Tr/Kgr	4	8	4
CC	Valley	14	6	-2.25	Tr	1	0.4	0.6	0.6	2.4	30	0	62.72	2.5	3.99	3.37E-08	2.5	225	3	4.88	3.46	0.86	Tr/Kgr	4	5	4
CC	Valley	14	7	-1.75	Jz	1	0.7	0.8	0.6	2.6	400	0	50.96	2.5	5.20	1.28E-06	2.5	225	3	4.67	3.43	1.26	Tr/Kgr	4	5	4
CC	Valley	14	8	-1.25	Jz	2	0.7	0.8	0.7	2.6	400	0	38.22	2.5	6.64	2.56E-06	2.5	200	3	4.55	3.32	1.72	Jg	4	5	4
CC	Valley	14	9	-0.75	Q	3	0	0.5	0.8	1.3	1	0	25.48	2.5	8.37	3.88E-06	2.5	150	3	4.59	3.18	1.93	Tbf	5	5	5
CC	Valley	14	10	-0.25	Q	4	0	0.5	0.8	1.3	1	0	19.11	2.5	10.44	5.27E-06	2.5	125	3	4.54	3.05	2.15	Tbf	5	2	5
CC	Valley	14	11	0.25	Q	4	0	0.5	0.8	1.3	1	0	12.74	2.5	12.92	6.74E-06	2.5	100	3	3.92	2.68	2.91	Tbf	5	1	5
CC	Valley	14	12	0.75	Q	5	0	0.5	0.9	1.3	1	0	6.37	2.5	15.91	8.32E-06	2.5	50	3	2.67	1.66	3.68	Tbf	5	3	5
CC		14	13	1.25			0	0	1	0	0	0	0	2.5	19.52	0.00001	2.5	0								
CC	Valley	15	3	-3.75	Kgr	1	0.8	1.4	0.4	2.5	230	0	98.98	2.5	3.16	-3.48E-06	2.5	260	2	5.10	3.48	0.70	Tr/Kgr	4		
CC	Valley	15	4	-3.25	Kgr	1	0.8	1.4	0.5	2.5	230	0	86.73	2.5	3.82	-1.99E-06	2.5	250	2	5.01	3.48	0.75	Tr/Kgr	4		
CC	Valley	15	5	-2.75	Tr	1	0.4	0.6	0.5	2.4	30	0	74.48	2.5	4.63	-5.3E-07	2.5	250	2	4.92	3.47	0.80	Tr/Kgr	4	5	4
CC	Valley	15	6	-2.25	Tr	1	0.4	0.6	0.5	2.4	30	0	62.72	2.5	5.62	9.23E-07	2.5	225	3	4.83	3.46	0.85	Tr/Kgr	4	5	4
CC	Valley	15	7	-1.75	Jz	1	0.7	0.8	0.6	2.6	400	0	50.96	2.5	6.81	2.39E-06	2.5	225	3	4.58	3.43	1.36	Tr/Kgr	4	5	4
CC	Valley	15	8	-1.25	Jz	2	0.7	0.8	0.7	2.6	400	0	38.22	2.5	8.25	0.0000039	2.5	175	3	4.40	3.32	1.88	Jg	4	5	4
CC	Valley	15	9	-0.75	Q	3	0	0.5	0.8	1.3	1	0	25.48	2.5	9.98	5.47E-06	2.5	150	3	4.39	3.18	2.01	Tbf	5	5	5
CC	Valley	15	10	-0.25	Q	4	0	0.5	0.8	1.3	1	0	19.11	2.5	12.05	7.12E-06	2.5	100	3	4.28	3.05	2.12	Tbf	5	1	5
CC	Valley	15	11	0.25	Q	4	0	0.5	0.8	1.3	1	0	12.74	2.5	14.55	8.86E-06	2.5	50	3	3.69	2.68	2.81	Tbf	5	1	5
CC	Valley	15	12	0.75	Q	5	0	0.5	0.9	1.3	1	0	6.37	2.5	17.57	0.0000107	2.5	50	3	2.56	1.66	3.63	Tbf	5	3	5
CC		15	13	1.25			0	0	1	0	0	0	0	2.5	21.20	0.0000127	2.5	0								
CC	Valley	16	3	-3.75	Kgr	1	0.8	1.4	0.4	2.5	230	0.2	98.98	2.5	4.68	-3.18E-06	2.5	250	2	5.09	3.49	0.78	Tr/Kgr	4		
CC	Valley	16	4	-3.25	Kgr	1	0.8	1.4	0.4	2.5	230	0.2	86.73	2.5	5.32	-1.51E-06	2.5	250	2	5.01	3.49	0.83	Tr/Kgr	4		
CC	Valley	16	5	-2.75	Tr	1	0.4	0.6	0.4	2.4	30	0.2	74.48	2.5	6.12	1.31E-07	2.5	225	2	4.92	3.48	0.89	Tr/Kgr	4	5	4
CC	Valley	16	6	-2.25	Tr	1	0.4	0.6	0.5	2.4	30	0.2	62.72	2.5	7.11	1.77E-06	2.5	225	2	4.83	3.47	0.94	Tr/Kgr	4	5	4
CC	Valley	16	7	-1.75	Jz	1	0.7	0.8	0.6	2.6	400	0.2	50.96	2.5	8.30	3.44E-06	2.5	200	2	4.56	3.43	1.37	Tr/Kgr	4	5	4
CC	Valley	16	8	-1.25	Jz	2	0.7	0.8	0.7	2.6	400	0.2	38.22	2.5	9.75	5.15E-06	2.5	175	2	4.38	3.30	1.82	Jg	4	5	4
CC	Valley	16	9	-0.75	Q	3	0	0.5	0.8	1.3	1	0.2	25.48	2.5	11.49	6.93E-06	2.5	150	2	4.39	3.14	1.96	Tbf	5	5	5
CC	Valley	16	10	-0.25	Q	4	0	0.5	0.8	1.3	1	0.2	19.11	2.5	13.58	8.79E-06	2.5	100	2	4.30	2.98	2.10	Tbf	5	2	5
CC	Valley	16	11	0.25	Q	4	0	0.5	0.8	1.3	1	0.2	12.74	2.5	16.11	0.0000108	2.5	50	2	3.71	2.68	2.75	Tbf	5	2	5
CC	Valley	16	12	0.75	Q	5	0	0.5	0.9	1.3	1	0.1	6.37	2.5	19.14	0.0000129	2.5	50	2	2.58	1.66	3.55	Tbf	5	5	5
CC		16	13	1.25			0	0	1	0	0	0	0	2.5	22.79	1.516E-05	2.5	0								

Dixie Valley Cross-Sectional Data (continued)

1	2	3			4		5	6	7	8	9	10	11		12			13		14			15		16	
Cross-Section	Do-main	Location			Lithology		Assigned Parameters: Lithology					Stress Parameters			Coulomb Stress Parameters			Temperature		Seismic Parameters			Gravity-Magnetics		MT (Resistivity)	
		X	Z	Ele-vation	Fm	TV	EGS-Fav	Frict-ion	Certain-ty	Densi-ty	Strength	Frac-Intens	Vert-Stress	TV	CSC	Dilatation	TV	° C	TV	Vp	Vs	TV	Lithology	TV	ohm-m	TV
CC	Valley	17	3	-3.75	Kgr	1	0.8	1.4	0.3	2.5	230	0	98.98	2.5	5.96	-2.84E-06	2.5	250	1	5.08	3.49	0.81	Tr/Kgr	4		
CC	Valley	17	4	-3.25	Kgr	1	0.8	1.4	0.3	2.5	230	0	86.73	2.5	6.62	-1.02E-06	2.5	250	1	5.00	3.49	0.87	Tr/Kgr	4		
CC	Valley	17	5	-2.75	Tr	1	0.4	0.6	0.4	2.4	30	0	74.48	2.5	7.45	7.74E-07	2.5	225	2	4.91	3.48	0.93	Tr/Kgr	4	5	4
CC	Valley	17	6	-2.25	Tr	1	0.4	0.6	0.5	2.4	30	0	62.72	2.5	8.45	2.58E-06	2.5	225	2	4.81	3.47	0.98	Tr/Kgr	4	7	4
CC	Valley	17	7	-1.75	Jz	1	0.7	0.8	0.6	2.6	400	0	50.96	2.5	9.67	4.41E-06	2.5	200	2	4.53	3.43	1.40	Tr/Kgr	4	7	4
CC	Valley	17	8	-1.25	Jz	2	0.7	0.8	0.7	2.6	400	0	38.22	2.5	11.14	6.29E-06	2.5	150	2	4.31	3.30	1.79	Tbf	4	8	4
CC	Valley	17	9	-0.75	Q	3	0	0.5	0.8	1.3	1	0	25.48	2.5	12.91	8.24E-06	2.5	125	2	4.28	3.14	1.84	Tbf	5	5	5
CC	Valley	17	10	-0.25	Q	4	0	0.5	0.8	1.3	1	0	19.11	2.5	15.04	0.0000103	2.5	100	2	4.17	2.98	1.92	Tbf	5	3	5
CC	Valley	17	11	0.25	Q	4	0	0.5	0.8	1.3	1	0	12.74	2.5	17.58	0.0000125	2.5	50	2	3.64	2.68	2.61	Tbf	5	2	5
CC	Valley	17	12	0.75	Q	5	0	0.5	0.9	1.3	1	0	6.37	2.5	20.64	0.0000148	2.5	50	2	2.57	1.66	3.46	Tbf	5	10	5
CC		17	13	1.25			0	0	1	0	0	0	0	2.5	24.30	0.0000173	2.5	0								
CC	Valley	18	3	-3.75	Kgr	1	0.8	1.4	0.2	2.5	230	0	98.98	2.5	7.03	-2.46E-06	2.5	250	1	5.11	3.49	0.59	Tr/Kgr	4		
CC	Valley	18	4	-3.25	Kgr	1	0.8	1.4	0.3	2.5	230	0	86.73	2.5	7.74	-5.24E-07	2.5	250	1	5.04	3.49	0.62	Tr/Kgr	4		
CC	Valley	18	5	-2.75	Tr	1	0.4	0.6	0.4	2.4	30	0	74.48	2.5	8.61	0.0000014	2.5	225	1	4.97	3.48	0.66	Tr/Kgr	4	8	4
CC	Valley	18	6	-2.25	Tr	1	0.4	0.6	0.5	2.4	30	0	62.72	2.5	9.65	3.33E-06	2.5	225	1	4.89	3.47	0.69	Tr/Kgr	4	8	4
CC	Valley	18	7	-1.75	Jz	1	0.7	0.8	0.6	2.6	400	0	50.96	2.5	10.92	0.0000053	2.5	175	1	4.53	3.43	1.05	Tr/Kgr	4	8	4
CC	Valley	18	8	-1.25	Jz	2	0.7	0.8	0.7	2.6	400	0	38.22	2.5	12.43	7.32E-06	2.5	150	1	4.26	3.30	1.39	Tbf	4	8	4
CC	Valley	18	9	-0.75	Q	3	0	0.5	0.8	1.3	1	0	25.48	2.5	14.24	9.42E-06	2.5	125	1	4.28	3.14	1.45	Tbf	5	8	5
CC	Valley	18	10	-0.25	Q	4	0	0.5	0.8	1.3	1	0	19.11	2.5	16.40	1.163E-05	2.5	100	1	4.15	2.98	1.54	Tbf	5	3	5
CC	Valley	18	11	0.25	Q	4	0	0.5	0.8	1.3	1	0	12.74	2.5	18.98	0.000014	2.5	50	1	3.64	2.68	2.31	Tbf	5	2	5
CC	Valley	18	12	0.75	Q	5	0	0.5	0.9	1.3	1	0	6.37	2.5	22.05	0.0000164	2.5	50	1	2.58	1.66	3.29	Tbf	5	10	5
CC		18	13	1.25			0	0	1	0	0	0	0	2.5	25.71	0.0000191	2.5	0								
CC	Valley	19	3	-3.75	Kgr	1	0.8	1.4	0.2	2.5	230	0.4	98.98	2.5	7.90	-2.05E-06	2.5	250	1	4.98	3.49	0.24	Tr/Kgr	4		
CC	Valley	19	4	-3.25	Kgr	1	0.8	1.4	0.3	2.5	230	0.4	86.73	2.5	8.68	-2.17E-08	2.5	225	1	4.86	3.49	0.26	Tr/Kgr	4		
CC	Valley	19	5	-2.75	Tr	1	0.4	0.6	0.4	2.4	30	0.3	74.48	2.5	9.61	0.000002	2.5	225	1	4.73	3.48	0.28	Tr/Kgr	4	10	4
CC	Valley	19	6	-2.25	Tr	1	0.4	0.6	0.5	2.4	30	0.2	62.72	2.5	10.72	4.03E-06	2.5	200	1	4.60	3.47	0.30	Tr/Kgr	4	10	4
CC	Valley	19	7	-1.75	Jz	1	0.7	0.8	0.6	2.6	400	0.2	50.96	2.5	12.04	6.11E-06	2.5	150	1	4.40	3.43	0.71	Tr/Kgr	4	10	4
CC	Valley	19	8	-1.25	Jz	2	0.7	0.8	0.7	2.6	400	0.2	38.22	2.5	13.60	8.24E-06	2.5	125	1	4.22	3.30	1.18	Tbf	4	10	4
CC	Valley	19	9	-0.75	Q	3	0	0.5	0.8	1.3	1	0.2	25.48	2.5	15.46	0.0000105	2.5	100	1	4.15	3.14	1.33	Tbf	5	10	5
CC	Valley	19	10	-0.25	Q	4	0	0.5	0.8	1.3	1	0.2	19.11	2.5	17.66	0.0000128	2.5	50	1	4.02	2.98	1.43	Tbf	5	5	5
CC	Valley	19	11	0.25	Q	4	0	0.5	0.8	1.3	1	0.2	12.74	2.5	20.27	0.0000152	2.5	50	1	3.57	2.68	2.25	Tbf	5	3	5
CC	Valley	19	12	0.75	Q	5	0	0.5	0.9	1.3	1	0.1	6.37	2.5	23.36	0.0000179	2.5	50	1	2.59	1.66	3.21	Tbf	5	10	5
CC		19	13	1.25			0	0	1	0	0	0	0	2.5	27.01	0.0000206	2.5	0								
CC	Valley	20	3	-3.75	Kgr	1	0.8	1.4	0.2	2.5	230	0	104.86	2.5	8.58	-1.61E-06	2.5	225	1	5.03	3.49	0.22	Tr/Kgr	4		
CC	Valley	20	4	-3.25	Kgr	1	0.8	1.4	0.3	2.5	230	0	92.61	2.5	9.45	4.8E-07	2.5	225	1	4.90	3.49	0.23	Tr/Kgr	4		
CC	Valley	20	5	-2.75	Kgr	1	0.8	1.4	0.4	2.5	230	0.1	80.36	2.5	10.46	2.57E-06	2.5	225	1	4.78	3.48	0.25	Tr/Kgr	4	20	4
CC	Valley	20	6	-2.25	Tr	1	0.4	0.6	0.5	2.4	30	0.2	68.11	2.5	11.64	4.68E-06	2.5	200	1	4.65	3.47	0.27	Tr/Kgr	4	25	4
CC	Valley	20	7	-1.75	Tr	1	0.4	0.6	0.6	2.4	30	0.2	56.35	2.5	13.03	6.84E-06	2.5	150	1	4.43	3.43	0.59	Tr/Kgr	4	25	4
CC	Valley	20	8	-1.25	Jz	2	0.7	0.8	0.7	2.6	400	0.2	44.59	2.5	14.65	9.06E-06	2.5	125	1	4.22	3.30	0.96	Tbf	4	25	4
CC	Valley	20	9	-0.75	Jz	3	0.7	0.8	0.7	2.6	400	0.2	31.85	2.5	16.57	0.0000114	2.5	100	1	4.12	3.14	1.06	Tbf	5	20	5
CC	Valley	20	10	-0.25	Q	4	0	0.5	0.8	1.3	1	0.2	19.11	2.5	18.81	0.0000138	2.5	50	1	3.95	2.98	1.11	Tbf	5	7	5
CC	Valley	20	11	0.25	Q	4	0	0.5	0.8	1.3	1	0.2	12.74	2.5	21.44	0.0000163	2.5	50	1	3.57	2.68	1.94	Tbf	5	3	5
CC	Valley	20	12	0.75	Q	5	0	0.5	0.9	1.3	1	0.1	6.37	2.5	24.54	0.000019	2.5	50	1	2.63	1.66	2.95	Tbf	5	15	5
CC		20	13	1.25			0	0	1	0	0	0	0	2.5	28.17	0.0000219	2.5	0								

Dixie Valley Cross-Sectional Data (continued)

1	2	3			4		5	6	7	8	9	10	11		12			13		14			15		16	
Cross-Section	Do-main	Location			Lithology		Assigned Parameters: Lithology					Stress Parameters			Coulomb Stress Parameters			Temperature		Seismic Parameters			Gravity-Magnetics		MT (Resistivity)	
		X	Z	Ele-vation	Fm	TV	EGS-Fav	Frict-ion	Certain-ty	Densi-ty	Strength	Frac-Intens	Vert-Stress	TV	CSC	Dilatation	TV	° C	TV	Vp	Vs	TV	Lithology	TV	ohm-m	TV
DD	SR	1	3	-3.75	Kgr	1	0.8	1.4	0.2	2.5	230	0	134	2.5	-21.01	-4.47E-06	2.5			4.98	3.51	0.48	Tr/Kgr	4	3000	3
DD	SR	1	4	-3.25	Kgr	1	0.8	1.4	0.2	2.5	230	0	122	2.5	-20.62	-6.31E-06	2.5			4.86	3.50	0.52	Tr/Kgr	4	3000	3
DD	SR	1	5	-2.75	Kgr	1	0.8	1.4	0.2	2.5	230	0	109	2.5	-20.34	-8.21E-06	2.5			4.73	3.49	0.56	Tr/Kgr	4	1200	3
DD	SR	1	6	-2.25	Kgr	1	0.8	1.4	0.2	2.5	230	0	97	2.5	-20.23	-0.0000102	2.5			4.61	3.48	0.60	Tr/Kgr	4	1000	3
DD	SR	1	7	-1.75	Kgr	1	0.8	1.4	0.3	2.5	230	0	85	2.5	-20.32	-0.0000124	2.5			4.61	3.44	0.78	Tr/Kgr	4	1100	3
DD	SR	1	8	-1.25	Kgr	1	0.8	1.4	0.4	2.5	230	0	73	2.5	-20.73	-0.0000147	2.5			4.70	3.31	1.09	Tr/Kgr	4	900	3
DD	SR	1	9	-0.75	Kgr	2	0.8	1.4	0.5	2.5	230	0	60	2.5	-21.55	-0.0000173	2.5			4.75	3.15	1.43	Tr/Kgr	5	600	3
DD	SR	1	10	-0.25	Tr	3	0.4	0.6	0.6	2.4	30	0	48	2.5	-22.96	-0.0000202	2.5			4.77	2.99	1.76	Tr/Kgr	5	250	3
DD	SR	1	11	0.25	Tr	4	0.4	0.6	0.7	2.4	30	0	36	2.5	-25.12	-0.0000232	2.5			4.15	2.68	2.23	Tr/Kgr	5	80	3
DD	SR	1	12	0.75	Tr	4	0.4	0.6	0.8	2.4	30	0	25	2.5	-28.23	-0.0000266	2.5			2.89	1.66	2.54	Jg	5	50	3
DD	SR	1	13	1.25	Jz	5	0.7	0.8	0.9	2.6	400	0	13	2.5	-32.45	-0.0000301	2.5						Jg	5		
DD	SR	2	3	-3.75	Kgr	1	0.8	1.4	0.3	2.5	230	0	133.28	2.5	-20.61	-0.0000043	2.5	260	1	4.96	3.51	0.47	Tr/Kgr	4	1000	3
DD	SR	2	4	-3.25	Kgr	1	0.8	1.4	0.3	2.5	230	0	121.03	2.5	-19.91	-5.95E-06	2.5	250	1	4.84	3.50	0.51	Tr/Kgr	4	800	3
DD	SR	2	5	-2.75	Kgr	1	0.8	1.4	0.3	2.5	230	0	108.78	2.5	-19.29	-7.66E-06	2.5	250	1	4.71	3.49	0.55	Tr/Kgr	4	200	3
DD	SR	2	6	-2.25	Kgr	1	0.8	1.4	0.3	2.5	230	0	96.53	2.5	-18.74	-9.48E-06	2.5	200	1	4.58	3.48	0.59	Tr/Kgr	4	120	3
DD	SR	2	7	-1.75	Kgr	1	0.8	1.4	0.3	2.5	230	0	84.28	2.5	-18.30	-0.0000114	2.5	200	1	4.50	3.44	0.92	Tr/Kgr	4	175	3
DD	SR	2	8	-1.25	Kgr	1	0.8	1.4	0.4	2.5	230	0	72.03	2.5	-18.03	-0.0000136	2.5	200	1	4.49	3.31	1.38	Tr/Kgr	4	200	3
DD	SR	2	9	-0.75	Tr	2	0.4	0.6	0.5	2.4	30	0	59.78	2.5	-18.02	-0.000016	2.5	175	1	4.52	3.15	1.69	Tr/Kgr	5	350	3
DD	SR	2	10	-0.25	Tr	3	0.4	0.6	0.6	2.4	30	0	48.02	2.5	-18.39	-0.0000186	2.5	150	1	4.52	2.99	1.99	Tr/Kgr	5	200	3
DD	SR	2	11	0.25	Tr	4	0.4	0.6	0.7	2.4	30	0	36.26	2.5	-19.34	-0.0000215	2.5	100	1	3.95	2.68	2.44	Tr/Kgr	5	50	3
DD	SR	2	12	0.75	Tr	4	0.4	0.6	0.8	2.4	30	0	24.5	2.5	-21.08	-0.0000247	2.5	50	1	2.78	1.66	2.73	Tr/Kgr	5	90	3
DD	SR	2	13	1.25	Jz	5	0.7	0.8	0.9	2.6	400	0	12.74	2.5	-23.88	-0.0000281	2.5	50	1				Tr/Kgr	5		
DD	SR	3	3	-3.75	Kgr	1	0.8	1.4	0.4	2.5	230	0	132.3	2.5	-19.81	-4.11E-06	2.5	270	1	5.09	3.51	0.66	Tr/Kgr	4	500	3
DD	SR	3	4	-3.25	Kgr	1	0.8	1.4	0.4	2.5	230	0	120.05	2.5	-18.82	-5.53E-06	2.5	265	1	4.98	3.50	0.72	Tr/Kgr	4	250	3
DD	SR	3	5	-2.75	Kgr	1	0.8	1.4	0.4	2.5	230	0	107.8	2.5	-17.83	-7.01E-06	2.5	250	1	4.87	3.49	0.78	Tr/Kgr	4	150	3
DD	SR	3	6	-2.25	Kgr	1	0.8	1.4	0.4	2.5	230	0	95.55	2.5	-16.84	-8.58E-06	2.5	225	1	4.76	3.48	0.84	Tr/Kgr	4	100	3
DD	SR	3	7	-1.75	Kgr	1	0.8	1.4	0.4	2.5	230	0	83.3	2.5	-15.83	-0.0000103	2.5	200	1	4.65	3.44	1.14	Tr/Kgr	4	150	3
DD	SR	3	8	-1.25	Kgr	1	0.8	1.4	0.4	2.5	230	0	71.05	2.5	-14.83	-0.0000122	2.5	200	1	4.59	3.31	1.53	Tr/Kgr	4	200	3
DD	SR	3	9	-0.75	Tr	2	0.4	0.6	0.5	2.4	30	0	58.8	2.5	-13.85	-0.0000143	2.5	200	1	4.59	3.15	1.80	Tr/Kgr	5	400	3
DD	SR	3	10	-0.25	Tr	3	0.4	0.6	0.6	2.4	30	0	47.04	2.5	-12.96	-0.0000166	2.5	175	1	4.58	2.99	2.06	Jg	5	250	3
DD	SR	3	11	0.25	Tr	4	0.4	0.6	0.7	2.4	30	0	35.28	2.5	-12.31	-0.0000192	2.5	125	1	3.94	2.68	2.51	Jg	5	125	3
DD	SR	3	12	0.75	Tr	4	0.4	0.6	0.8	2.4	30	0	23.52	2.5	-12.11	-0.000022	2.5	100	1	2.70	1.66	2.93	Tr/Kgr	5	350	3
DD	SR	3	13	1.25	Tr	5	0.4	0.6	0.9	2.4	30	0	11.76	2.5	-12.68	-0.0000251	2.5	50	1				Tr/Kgr	5		
DD	SR	4	3	-3.75	Kgr	1	0.8	1.4	0.5	2.5	230	0	133.77	2.5	-18.45	-0.0000039	2.5			5.14	3.51	0.99	Tr/Kgr	4	145	3
DD	SR	4	4	-3.25	Kgr	1	0.8	1.4	0.5	2.5	230	0	121.52	2.5	-17.17	-5.06E-06	2.5	275	1	5.07	3.50	1.05	Tr/Kgr	4	90	3
DD	SR	4	5	-2.75	Kgr	1	0.8	1.4	0.5	2.5	230	0	109.27	2.5	-15.84	-6.26E-06	2.5	265	1	4.99	3.49	1.12	Tr/Kgr	4	100	3
DD	SR	4	6	-2.25	Kgr	1	0.8	1.4	0.5	2.5	230	0	97.02	2.5	-14.43	-7.54E-06	2.5	250	1	4.90	3.48	1.19	Tr/Kgr	4	130	3
DD	SR	4	7	-1.75	Kgr	1	0.8	1.4	0.5	2.5	230	0	84.77	2.5	-12.89	-8.93E-06	2.5	225	2	4.66	3.44	1.46	Tr/Kgr	4	185	3
DD	SR	4	8	-1.25	Kgr	1	0.8	1.4	0.5	2.5	230	0	72.52	2.5	-11.17	-0.0000105	2.5	200	2	4.58	3.31	1.75	Tr/Kgr	4	450	3
DD	SR	4	9	-0.75	Tr	2	0.4	0.6	0.5	2.4	30	0	60.27	2.5	-9.24	-0.0000122	2.5	200	2	4.69	3.15	1.95	Tr/Kgr	5	650	3
DD	SR	4	10	-0.25	Tr	3	0.4	0.6	0.6	2.4	30	0	48.51	2.5	-7.06	-0.000014	2.5	200	2	4.68	2.99	2.23	Jg	5	325	3
DD	DVFZ	4	11	0.25	Tr	4	0.4	0.6	0.7	2.4	30	0.2	36.75	2.5	-4.67	-0.0000161	2.5	150	2	3.98	2.68	2.74	Jg	5	150	3
DD	DVFZ	4	12	0.75	Jz	4	0.7	0.8	0.8	2.6	400	0.3	24.99	2.5	-2.20	-0.0000185	2.5	100	2	2.69	1.66	3.21	Tr/Kgr	5	14	3
DD	DVFZ	4	13	1.25	Jbr	5	0.8	0.6	0.9	2.5	200	0.2	12.25	2.5	0.04	-0.000021	2.5	0								



Dixie Valley Cross-Sectional Data (continued)

1	2	3			4		5	6	7	8	9	10	11		12			13		14			15		16	
Cross-Section	Do-main	Location			Lithology		Assigned Parameters: Lithology					Stress Parameters			Coulomb Stress Parameters			Temperature		Seismic Parameters			Gravity-Magnetics		MT (Resistivity)	
		X	Z	Ele-vation	Fm	TV	EGS-Fav	Frict-ion	Certain-ty	Densi-ty	Strength	Frac-Intens	Vert-Stress	TV	CSC	Dilatation	TV	° C	TV	Vp	Vs	TV	Lithology	TV	ohm-m	TV
DD	SR	5	3	-3.75	Kgr	1	0.8	1.4	0.5	2.5	230	0	122.01	2.5	-16.38	-3.68E-06	2.5	275	1	5.14	3.51	0.83	Tr/Kgr	4	150	3
DD	SR	5	4	-3.25	Kgr	2	0.8	1.4	0.6	2.5	230	0	109.76	2.5	-14.85	-4.54E-06	2.5	275	1	5.06	3.50	0.89	Tr/Kgr	4	90	3
DD	SR	5	5	-2.75	Kgr	2	0.8	1.4	0.6	2.5	230	0	97.51	2.5	-13.23	-5.44E-06	2.5	265	1	4.98	3.49	0.95	Tr/Kgr	4	130	3
DD	SR	5	6	-2.25	Kgr	3	0.8	1.4	0.6	2.5	230	0	85.26	2.5	-11.47	-6.38E-06	2.5	250	2	4.89	3.48	1.01	Tr/Kgr	4	185	3
DD	SR	5	7	-1.75	Kgr	3	0.8	1.4	0.6	2.5	230	0	73.01	2.5	-9.50	-7.39E-06	2.5	240	2	4.65	3.44	1.44	Tr/Kgr	4	220	3
DD	SR	5	8	-1.25	Kgr	3	0.8	1.4	0.6	2.5	230	0.1	60.76	2.5	-7.23	-8.49E-06	2.5	225	2	4.53	3.31	1.96	Tr/Kgr	4	800	3
DD	DVFZ	5	9	-0.75	Tr	3	0.4	0.6	0.6	2.4	30	0.2	48.51	2.5	-4.54	-9.68E-06	2.5	200	2	4.61	3.15	2.26	Tr/Kgr	5	400	3
DD	DVFZ	5	10	-0.25	Tr	4	0.4	0.6	0.6	2.4	30	0.4	36.75	2.5	-1.31	-0.000011	2.5	175	2	4.58	2.99	2.57	Jg	5	125	3
DD	DVFZ	5	11	0.25	Jz	4	0.7	0.8	0.7	2.6	400	0.3	24.99	2.5	2.58	-0.0000124	2.5	125	2	4.00	2.68	3.11	Jg	5	15	3
DD	DVFZ	5	12	0.75	Jbr	5	0.8	0.6	0.8	2.5	200	0.3	12.25	2.5	7.14	-0.0000141	2.5	50	2	2.76	1.66	3.58	Tr/Kgr	5	8	3
DD		5	13	1.25			0	0	0.9	0	0	0.1	0	2.5	12.17	-0.0000159	2.5	0								
DD	DVFZ	6	3	-3.75	Kgr	1	0.8	1.4	0.5	2.5	230	0	115.64	2.5	-13.54	-3.45E-06	2.5	280	1	5.14	3.51	0.83	Tr/Kgr	4	150	3
DD	DVFZ	6	4	-3.25	Kgr	2	0.8	1.4	0.6	2.5	230	0.1	103.39	2.5	-11.83	-0.000004	2.5	280	2	5.06	3.50	0.89	Tr/Kgr	4	100	3
DD	DVFZ	6	5	-2.75	Kgr	2	0.8	1.4	0.7	2.5	230	0.2	91.14	2.5	-10.02	-4.55E-06	2.5	275	2	4.98	3.49	0.95	Tr/Kgr	4	165	3
DD	DVFZ	6	6	-2.25	Kgr	3	0.8	1.4	0.7	2.5	230	0.2	78.89	2.5	-8.04	-5.13E-06	2.5	265	3	4.89	3.48	1.01	Tr/Kgr	4	250	3
DD	DVFZ	6	7	-1.75	Kgr	3	0.8	1.4	0.7	2.5	230	0.2	66.64	2.5	-5.82	-5.72E-06	2.5	250	3	4.65	3.44	1.44	Tr/Kgr	4	300	3
DD	DVFZ	6	8	-1.25	Tr	3	0.4	0.6	0.7	2.4	30	0.2	54.39	2.5	-3.25	-6.34E-06	2.5	225	3	4.53	3.31	1.96	Tr/Kgr	4	450	3
DD	DVFZ	6	9	-0.75	Tr	3	0.4	0.6	0.7	2.4	30	0	42.63	2.5	-0.16	-6.98E-06	2.5	200	3	4.61	3.15	2.26	Tr/Kgr	5	135	3
DD	DVFZ	6	10	-0.25	Tr	4	0.4	0.6	0.7	2.4	30	0	30.87	2.5	3.64	-7.64E-06	2.5	150	3	4.58	2.99	2.57	Jg	5	20	3
DD	DVFZ	6	11	0.25	Jz	4	0.7	0.8	0.7	2.6	400	0	19.11	2.5	8.40	-8.35E-06	2.5	125	3	4.00	2.68	3.11	Tr/Kgr	5	15	3
DD	DVFZ	6	12	0.75	Q	5	0	0.5	0.8	1.3	1	0	6.37	2.5	14.28	-9.13E-06	2.5	50	3	2.76	1.66	3.58	Tr/Kgr	5	6	3
DD		6	13	1.25			0	0	0.9	0	0	0	0	2.5	21.29	-0.0000101	2.5	0								
DD	DVFZ	7	3	-3.75	Kgr	2	0.8	1.4	0.5	2.5	230	0.2	115.64	2.5	-10.09	-3.21E-06	2.5	280	1	5.14	3.51	0.76	Tr/Kgr	4	135	3
DD	DVFZ	7	4	-3.25	Kgr	3	0.8	1.4	0.6	2.5	230	0.2	103.39	2.5	-8.32	-3.43E-06	2.5	275	2	5.06	3.50	0.82	Tr/Kgr	4	140	3
DD	DVFZ	7	5	-2.75	Kgr	3	0.8	1.4	0.7	2.5	230	0.1	91.14	2.5	-6.44	-3.64E-06	2.5	260	2	4.97	3.49	0.87	Tr/Kgr	4	200	3
DD	DVFZ	7	6	-2.25	Kgr	4	0.8	1.4	0.8	2.5	230	0	78.89	2.5	-4.41	-3.83E-06	2.5	250	3	4.89	3.48	0.93	Tr/Kgr	4	230	3
DD	DVFZ	7	7	-1.75	Kgr	4	0.8	1.4	0.8	2.5	230	0	66.64	2.5	-2.15	-0.000004	2.5	200	3	4.65	3.44	1.42	Tr/Kgr	4	250	3
DD	DVFZ	7	8	-1.25	Tr	4	0.4	0.6	0.8	2.4	30	0	54.39	2.5	0.44	-4.13E-06	2.5	200	3	4.52	3.31	2.03	Tr/Kgr	4	220	3
DD	DVFZ	7	9	-0.75	Tr	4	0.4	0.6	0.8	2.4	30	0	42.63	2.5	3.54	-4.21E-06	2.5	200	3	4.57	3.15	2.37	Tr/Kgr	5	18	3
DD	DVFZ	7	10	-0.25	Tr	4	0.4	0.6	0.8	2.4	30	0.1	30.87	2.5	7.36	-4.21E-06	2.5	150	3	4.51	2.99	2.70	Jg	5	10	3
DD	DVFZ	7	11	0.25	Jz	4	0.7	0.8	0.8	2.6	400	0.2	19.11	2.5	12.20	-4.15E-06	2.5	100	3	3.91	2.68	3.24	Tr/Kgr	5	8	3
DD	DVFZ	7	12	0.75	Q	5	0	0.5	0.8	1.3	1	0.1	6.37	2.5	18.33	-4.08E-06	2.5	50	3	2.72	1.66	3.73	Tbf	5	8	3
DD		7	13	1.25			0	0	0.9	0	0	0	0	2.5	25.97	-4.11E-06	2.5	0								
DD	DVFZ	8	3	-3.75	Kgr	2	0.8	1.4	0.5	2.5	230	0	98.49	2.5	-6.37	-2.97E-06	2.5	280	2	5.13	3.51	0.73	Tr/Kgr	4	125	3
DD	DVFZ	8	4	-3.25	Kgr	3	0.8	1.4	0.6	2.5	230	0	86.24	2.5	-4.65	-2.86E-06	2.5	275	3	5.05	3.50	0.78	Tr/Kgr	4	150	3
DD	DVFZ	8	5	-2.75	Kgr	3	0.8	1.4	0.7	2.5	230	0	73.99	2.5	-2.85	-2.72E-06	2.5	260	3	4.96	3.49	0.84	Tr/Kgr	4	250	3
DD	DVFZ	8	6	-2.25	Kgr	4	0.8	1.4	0.8	2.5	230	0	61.74	2.5	-0.92	-2.55E-06	2.5	250	4	4.87	3.48	0.89	Tr/Kgr	4	250	3
DD	DVFZ	8	7	-1.75	Kgr	4	0.8	1.4	0.9	2.5	230	0.1	49.49	2.5	1.19	-2.31E-06	2.5	225	4	4.63	3.44	1.42	Tr/Kgr	4	210	3
DD	DVFZ	8	8	-1.25	Tr	4	0.4	0.6	0.9	2.4	30	0.3	37.24	2.5	3.58	-1.97E-06	2.5	225	4	4.47	3.31	2.06	Tr/Kgr	4	110	3
DD	DVFZ	8	9	-0.75	Q	4	0	0.5	0.9	1.3	1	0.4	25.48	2.5	6.38	-1.52E-06	2.5	200	4	4.51	3.15	2.38	Tr/Kgr	5	12	3
DD	DVFZ	8	10	-0.25	Q	4	0	0.5	0.9	1.3	1	0.2	19.11	2.5	9.80	-9.19E-07	2.5	150	4	4.44	2.99	2.68	Jg	5	8	3
DD	DVFZ	8	11	0.25	Q	4	0	0.5	0.9	1.3	1	0	12.74	2.5	14.09	-1.81E-07	2.5	100	4	3.86	2.68	3.26	Tr/Kgr	5	7	3
DD	DVFZ	8	12	0.75	Q	5	0	0.5	0.9	1.3	1	0	6.37	2.5	19.58	6.43E-07	2.5	50	4	2.71	1.66	3.78	Tbf	5	10	3
DD		8	13	1.25			0	0	0.9	0	0	0	0	2.5	26.57	1.44E-06	2.5	0								

Dixie Valley Cross-Sectional Data (continued)

1	2	3			4		5	6	7	8	9	10	11		12			13		14			15		16	
Cross-Section	Do-main	Location			Lithology		Assigned Parameters: Lithology					Stress Parameters			Coulomb Stress Parameters			Temperature		Seismic Parameters			Gravity-Magnetics		MT (Resistivity)	
		X	Z	Ele-vation	Fm	TV	EGS-Fav	Frict-ion	Certain-ty	Densi-ty	Strength	Frac-Intens	Vert-Stress	TV	CSC	Dilatation	TV	° C	TV	Vp	Vs	TV	Lithology	TV	ohm-m	TV
DD	DVFZ	9	3	-3.75	Kgr	3	0.8	1.4	0.5	2.5	230	0	99.47	2.5	-2.77	-2.73E-06	2.5	280	2	5.20	3.51	0.94	Tr/Kgr	4	100	3
DD	DVFZ	9	4	-3.25	Kgr	4	0.8	1.4	0.6	2.5	230	0.1	87.22	2.5	-1.22	-0.0000023	2.5	275	3	5.12	3.50	1.02	Tr/Kgr	4	110	3
DD	DVFZ	9	5	-2.75	Kgr	4	0.8	1.4	0.7	2.5	230	0.2	74.97	2.5	0.40	-1.84E-06	2.5	250	3	5.04	3.49	1.10	Tr/Kgr	4	165	3
DD	DVFZ	9	6	-2.25	Kgr	5	0.8	1.4	0.8	2.5	230	0.3	62.72	2.5	2.11	-1.31E-06	2.5	250	4	4.95	3.48	1.17	Tr/Kgr	4	175	3
DD	DVFZ	9	7	-1.75	Jz	5	0.7	0.8	0.9	2.6	400	0.3	50.47	2.5	3.97	-6.96E-07	2.5	225	4	4.72	3.44	1.72	Tr/Kgr	4	165	3
DD	DVFZ	9	8	-1.25	Tmb	5	0.6	0.7	0.9	2.5	100	0.1	37.73	2.5	6.04	4.8E-08	2.5	200	5	4.55	3.29	2.39	Tr/Kgr	4	75	3
DD	DVFZ	9	9	-0.75	Q	5	0	0.5	0.9	1.3	1	0	25.48	2.5	8.41	9.55E-07	2.5	175	4	4.55	3.12	2.70	Jg	5	10	3
DD	Valley	9	10	-0.25	Q	5	0	0.5	0.9	1.3	1	0	19.11	2.5	11.24	2.05E-06	2.5	125	4	4.38	2.94	2.96	Jg	5	7	3
DD	Valley	9	11	0.25	Q	5	0	0.5	0.9	1.3	1	0	12.74	2.5	14.72	3.33E-06	2.5	100	4	3.78	2.68	3.47	Tbf	5	6	3
DD	Valley	9	12	0.75	Q	5	0	0.5	0.9	1.3	1	0	6.37	2.5	19.14	4.75E-06	2.5	50	4	2.67	1.66	3.92	Tbf	5	4	3
DD		9	13	1.25			0	0	1	0	0	0	0	2.5	24.82	6.21E-06	2.5	0								
DD	DVFZ	10	3	-3.75	Kgr	3	0.8	1.4	0.5	2.5	230	0.2	98	2.5	0.37	-0.0000025	2.5	275	3	5.19	3.51	0.92	Tr/Kgr	4	90	3
DD	DVFZ	10	4	-3.25	Tr	4	0.4	0.6	0.6	2.4	30	0.1	85.75	2.5	1.70	-1.77E-06	2.5	265	4	5.11	3.50	1.00	Tr/Kgr	4	85	3
DD	DVFZ	10	5	-2.75	Tr	4	0.4	0.6	0.7	2.4	30	0	73.99	2.5	3.08	-0.000001	2.5	250	4	5.02	3.49	1.07	Tr/Kgr	4	110	3
DD	DVFZ	10	6	-2.25	Tr	5	0.4	0.6	0.8	2.4	30	0	62.23	2.5	4.55	-1.6E-07	2.5	245	5	4.94	3.48	1.15	Tr/Kgr	4	90	3
DD	DVFZ	10	7	-1.75	Jz	5	0.7	0.8	0.9	2.6	400	0.1	50.47	2.5	6.14	7.87E-07	2.5	225	5	4.71	3.44	1.69	Tr/Kgr	4	75	3
DD	DVFZ	10	8	-1.25	Tmb	5	0.6	0.7	0.9	2.5	100	0.2	37.73	2.5	7.88	1.88E-06	2.5	200	5	4.55	3.29	2.34	Jg	4	65	3
DD	DVFZ	10	9	-0.75	Q	5	0	0.5	0.9	1.3	1	0.1	25.48	2.5	9.84	3.15E-06	2.5	150	5	4.54	3.12	2.64	Tbf	5	7	3
DD	Valley	10	10	-0.25	Q	5	0	0.5	0.9	1.3	1	0	19.11	2.5	12.12	4.63E-06	2.5	125	5	4.37	2.94	2.89	Tbf	5	5	3
DD	Valley	10	11	0.25	Q	5	0	0.5	0.9	1.3	1	0	12.74	2.5	14.87	6.31E-06	2.5	100	5	3.77	2.68	3.40	Tbf	5	5	3
DD	Valley	10	12	0.75	Q	5	0	0.5	0.9	1.3	1	0	6.37	2.5	18.26	8.16E-06	2.5	50	5	2.66	1.66	3.89	Tbf	5	5	3
DD		10	13	1.25			0	0	1	0	0	0	0	2.5	22.57	0.0000101	2.5	0								
DD	Valley	11	3	-3.75	Kgr	4	0.8	1.4	0.5	2.5	230	0	98.98	2.5	2.93	-2.26E-06	2.5	270	3	5.18	3.51	0.89	Tr/Kgr	4	85	2
DD	Valley	11	4	-3.25	Tr	4	0.4	0.6	0.6	2.4	30	0	86.73	2.5	4.02	-1.26E-06	2.5	260	4	5.10	3.50	0.96	Tr/Kgr	4	50	2
DD	Valley	11	5	-2.75	Tr	5	0.4	0.6	0.7	2.4	30	0	74.97	2.5	5.19	-2.22E-07	2.5	250	4	5.01	3.49	1.04	Tr/Kgr	4	65	2
DD	Valley	11	6	-2.25	Jz	5	0.7	0.8	0.8	2.6	400	0	63.21	2.5	6.43	8.95E-07	2.5	225	5	4.92	3.48	1.11	Tr/Kgr	4	75	2
DD	Valley	11	7	-1.75	Jz	5	0.7	0.8	0.9	2.6	400	0	50.47	2.5	7.79	2.12E-06	2.5	200	4	4.70	3.44	1.63	Tr/Kgr	4	65	2
DD	Valley	11	8	-1.25	Tmb	5	0.6	0.7	0.9	2.5	100	0	37.73	2.5	9.27	0.0000035	2.5	175	4	4.54	3.29	2.28	Tr/Kgr	4	20	2
DD	Valley	11	9	-0.75	Q	5	0	0.5	0.9	1.3	1	0.1	25.48	2.5	10.94	5.05E-06	2.5	150	3	4.54	3.12	2.60	Tbf	5	4	2
DD	Valley	11	10	-0.25	Q	5	0	0.5	0.9	1.3	1	0.1	19.11	2.5	12.84	6.81E-06	2.5	100	4	4.35	2.94	2.86	Tbf	5	3	2
DD	Valley	11	11	0.25	Q	5	0	0.5	0.9	1.3	1	0	12.74	2.5	15.05	8.78E-06	2.5	50	4	3.71	2.68	3.37	Tbf	5	5	2
DD	Valley	11	12	0.75	Q	5	0	0.5	0.9	1.3	1	0	6.37	2.5	17.71	0.0000109	2.5	50	5	2.62	1.66	3.89	Tbf	5	15	2
DD		11	13	1.25			0	0	1	0	0	0	0	2.5	21.01	0.0000132	2.5	0								
DD	Valley	12	3	-3.75	Kgr	2	0.8	1.4	0.5	2.5	230	0	98.98	2.5	4.93	-2.02E-06	2.5	260	3	5.15	3.51	0.71	Tr/Kgr	4	60	2
DD	Valley	12	4	-3.25	Tr	3	0.4	0.6	0.6	2.4	30	0	86.73	2.5	5.82	-7.83E-07	2.5	250	4	5.05	3.50	0.77	Tr/Kgr	4	32	2
DD	Valley	12	5	-2.75	Tr	3	0.4	0.6	0.7	2.4	30	0	74.97	2.5	6.81	4.97E-07	2.5	225	4	4.95	3.49	0.84	Tr/Kgr	4	22	2
DD	Valley	12	6	-2.25	Jz	4	0.7	0.8	0.8	2.6	400	0	63.21	2.5	7.89	1.85E-06	2.5	225	4	4.85	3.48	0.91	Tr/Kgr	4	15	2
DD	Valley	12	7	-1.75	Jz	4	0.7	0.8	0.8	2.6	400	0	50.47	2.5	9.09	3.31E-06	2.5	200	4	4.66	3.44	1.46	Tr/Kgr	4	10	2
DD	Valley	12	8	-1.25	Tmb	4	0.6	0.7	0.8	2.5	100	0	37.73	2.5	10.42	4.92E-06	2.5	175	4	4.50	3.29	2.21	Tr/Kgr	4	8	2
DD	Valley	12	9	-0.75	Q	4	0	0.5	0.8	1.3	1	0	25.48	2.5	11.91	6.69E-06	2.5	150	4	4.45	3.12	2.59	Tbf	5	5	2
DD	Valley	12	10	-0.25	Q	4	0	0.5	0.8	1.3	1	0	19.11	2.5	13.60	8.66E-06	2.5	100	4	4.27	2.94	2.87	Tbf	5	2	2
DD	Valley	12	11	0.25	Q	4	0	0.5	0.8	1.3	1	0	12.74	2.5	15.54	0.0000108	2.5	50	4	3.68	2.68	3.39	Tbf	5	2	2
DD	Valley	12	12	0.75	Q	5	0	0.5	0.9	1.3	1	0	6.37	2.5	17.79	0.0000132	2.5	50	4	2.63	1.66	3.91	Tbf	5	11	2
DD		12	13	1.25			0	0	1	0	0	0	0	2.5	20.50	0.0000156	2.5	0								



Dixie Valley Cross-Sectional Data (continued)

1	2	3			4		5	6	7	8	9	10	11		12			13		14			15		16	
Cross-Section	Do-main	Location			Lithology		Assigned Parameters: Lithology					Stress Parameters			Coulomb Stress Parameters			Temperature		Seismic Parameters			Gravity-Magnetics		MT (Resistivity)	
		X	Z	Ele-vation	Fm	TV	EGS-Fav	Frict-ion	Certain-ty	Densi-ty	Strength	Frac-Intens	Vert-Stress	TV	CSC	Dilatation	TV	° C	TV	Vp	Vs	TV	Lithology	TV	ohm-m	TV
DD	Valley	13	3	-3.75	Kgr	2	0.8	1.4	0.5	2.5	230	0	98.98	2.5	6.45	-1.77E-06	2.5	250	2	5.07	3.49	0.69	Tr/Kgr	4	10	2
DD	Valley	13	4	-3.25	Tr	3	0.4	0.6	0.6	2.4	30	0	86.73	2.5	7.21	-3.27E-07	2.5	250	3	4.96	3.49	0.75	Tr/Kgr	4	10	2
DD	Valley	13	5	-2.75	Tr	3	0.4	0.6	0.7	2.4	30	0	74.97	2.5	8.08	1.16E-06	2.5	225	3	4.85	3.48	0.82	Tr/Kgr	4	10	2
DD	Valley	13	6	-2.25	Jz	4	0.7	0.8	0.7	2.6	400	0	63.21	2.5	9.07	2.71E-06	2.5	200	3	4.74	3.47	0.88	Tr/Kgr	4	9	2
DD	Valley	13	7	-1.75	Jz	4	0.7	0.8	0.7	2.6	400	0	50.47	2.5	10.19	4.37E-06	2.5	175	3	4.58	3.43	1.43	Tr/Kgr	4	8	2
DD	Valley	13	8	-1.25	Tmb	4	0.6	0.7	0.7	2.5	100	0	37.73	2.5	11.45	6.15E-06	2.5	150	3	4.45	3.30	2.15	Tbf	4	7	2
DD	Valley	13	9	-0.75	Q	4	0	0.5	0.8	1.3	1	0	25.48	2.5	12.89	0.0000081	2.5	125	3	4.40	3.14	2.53	Tbf	5	5	2
DD	Valley	13	10	-0.25	Q	4	0	0.5	0.8	1.3	1	0	19.11	2.5	14.51	0.0000102	2.5	100	3	4.22	2.98	2.80	Tbf	5	3	2
DD	Valley	13	11	0.25	Q	4	0	0.5	0.8	1.3	1	0	12.74	2.5	16.35	0.0000125	2.5	50	3	3.65	2.68	3.35	Tbf	5	2	2
DD	Valley	13	12	0.75	Q	5	0	0.5	0.9	1.3	1	0	6.37	2.5	18.45	0.000015	2.5	50	4	2.62	1.66	3.91	Tbf	5	9	2
DD		13	13	1.25			0	0	1	0	0	0	0	2.5	20.92	0.0000176	2.5	0								
DD	Valley	14	3	-3.75	Kgr	1	0.8	1.4	0.6	2.5	230	0	98	2.5	7.62	-1.51E-06	2.5	250	2	5.07	3.49	0.55	Tr/Kgr	4	10	2
DD	Valley	14	4	-3.25	Tr	1	0.4	0.6	0.6	2.4	30	0	85.75	2.5	8.32	1.1E-07	2.5	250	3	4.96	3.49	0.60	Tr/Kgr	4	10	2
DD	Valley	14	5	-2.75	Tr	1	0.4	0.6	0.6	2.4	30	0	73.99	2.5	9.13	1.77E-06	2.5	225	3	4.85	3.48	0.65	Tr/Kgr	4	9	2
DD	Valley	14	6	-2.25	Jz	1	0.7	0.8	0.6	2.6	400	0	62.23	2.5	10.09	3.49E-06	2.5	200	3	4.74	3.47	0.71	Tr/Kgr	4	8	2
DD	Valley	14	7	-1.75	Tv	1	0.4	0.7	0.6	2.4	75	0	49.49	2.5	11.19	0.0000053	2.5	175	3	4.56	3.43	1.27	Tr/Kgr	4	7	2
DD	Valley	14	8	-1.25	Tmb	2	0.6	0.7	0.7	2.5	100	0	37.73	2.5	12.45	7.23E-06	2.5	150	3	4.41	3.30	2.04	Tbf	4	6	2
DD	Valley	14	9	-0.75	Q	3	0	0.5	0.8	1.3	1	0	25.48	2.5	13.90	0.0000093	2.5	125	3	4.35	3.14	2.42	Tbf	5	5	2
DD	Valley	14	10	-0.25	Q	4	0	0.5	0.8	1.3	1	0	19.11	2.5	15.54	0.0000115	2.5	100	3	4.16	2.98	2.69	Tbf	5	4	2
DD	Valley	14	11	0.25	Q	4	0	0.5	0.8	1.3	1	0	12.74	2.5	17.41	1.395E-05	2.5	50	3	3.57	2.68	3.27	Tbf	5	2	2
DD	Valley	14	12	0.75	Q	5	0	0.5	0.9	1.3	1	0	6.37	2.5	19.54	0.0000165	2.5	50	3	2.58	1.66	3.86	Tbf	5	10	2
DD		14	13	1.25			0	0	1	0	0	0	0	2.5	21.99	0.0000193	2.5	0								
DD	Valley	15	3	-3.75	Kgr	1	0.8	1.4	0.6	2.5	230	0.4	98	2.5	8.54	-1.24E-06	2.5	250	1	5.01	3.49	0.47	Tr/Kgr	4	10	2
DD	Valley	15	4	-3.25	Tr	1	0.4	0.6	0.7	2.4	30	0	85.75	2.5	9.22	5.33E-07	2.5	225	2	4.90	3.49	0.52	Tr/Kgr	4	10	2
DD	Valley	15	5	-2.75	Tr	1	0.4	0.6	0.7	2.4	30	0.4	73.99	2.5	10.03	2.33E-06	2.5	200	2	4.78	3.48	0.56	Tr/Kgr	4	8	2
DD	Valley	15	6	-2.25	Jz	1	0.7	0.8	0.7	2.6	400	0	62.23	2.5	11.00	4.18E-06	2.5	200	2	4.66	3.47	0.60	Tr/Kgr	4	8	2
DD	Valley	15	7	-1.75	Tv	1	0.4	0.7	0.7	2.4	75	0.4	49.49	2.5	12.12	6.12E-06	2.5	175	2	4.50	3.43	1.19	Tr/Kgr	4	7	2
DD	Valley	15	8	-1.25	Tmb	2	0.6	0.7	0.7	2.5	100	0	37.73	2.5	13.43	8.17E-06	2.5	150	2	4.37	3.30	1.98	Tbf	4	5	2
DD	Valley	15	9	-0.75	Q	3	0	0.5	0.8	1.3	1	0.4	25.48	2.5	14.94	0.0000103	2.5	125	2	4.32	3.14	2.36	Tbf	5	3	2
DD	Valley	15	10	-0.25	Q	4	0	0.5	0.8	1.3	1	0	19.11	2.5	16.66	0.0000127	2.5	100	2	4.15	2.98	2.62	Tbf	5	2	2
DD	Valley	15	11	0.25	Q	4	0	0.5	0.8	1.3	1	0.4	12.74	2.5	18.62	0.0000152	2.5	50	2	3.57	2.68	3.21	Tbf	5	2	2
DD	Valley	15	12	0.75	Q	5	0	0.5	0.9	1.3	1	0	6.37	2.5	20.85	0.0000178	2.5	50	2	2.56	1.66	3.82	Tbf	5	12	2
DD		15	13	1.25			0	0	1	0	0	0.4	0	2.5	23.41	2.065E-05	2.5	0								
DD	Valley	16	3	-3.75	Kgr	1	0.8	1.4	0.6	2.5	230	0	99.47	2.5	9.26	-9.38E-07	2.5	240	1	4.92	3.49	0.39	Tr/Kgr	4	10	2
DD	Valley	16	4	-3.25	Kgr	1	0.8	1.4	0.7	2.5	230	0.2	87.22	2.5	9.97	9.44E-07	2.5	225	2	4.79	3.49	0.42	Tr/Kgr	4	13	2
DD	Valley	16	5	-2.75	Tr	1	0.4	0.6	0.8	2.4	30	0.2	74.97	2.5	10.82	2.85E-06	2.5	200	2	4.67	3.48	0.46	Tr/Kgr	4	12	2
DD	Valley	16	6	-2.25	Jz	2	0.7	0.8	0.8	2.6	400	0.2	63.21	2.5	11.83	4.81E-06	2.5	175	2	4.54	3.47	0.49	Tr/Kgr	4	9	2
DD	Valley	16	7	-1.75	Jz	2	0.7	0.8	0.8	2.6	400	0.3	50.47	2.5	13.02	6.85E-06	2.5	175	2	4.41	3.43	1.08	Tr/Kgr	4	9	2
DD	Valley	16	8	-1.25	Tmb	2	0.6	0.7	0.8	2.5	100	0.2	37.73	2.5	14.39	8.99E-06	2.5	150	2	4.34	3.30	1.86	Tr/Kgr	4	8	2
DD	Valley	16	9	-0.75	Q	3	0	0.5	0.8	1.3	1	0.2	25.48	2.5	15.98	0.0000113	2.5	125	2	4.30	3.14	2.23	Tbf	5	6	2
DD	Valley	16	10	-0.25	Q	4	0	0.5	0.8	1.3	1	0.2	19.11	2.5	17.81	0.0000137	2.5	100	2	4.10	2.98	2.49	Tbf	5	5	2
DD	Valley	16	11	0.25	Q	4	0	0.5	0.8	1.3	1	0.2	12.74	2.5	19.88	0.0000162	2.5	50	2	3.52	2.68	3.09	Tbf	5	4	2
DD	Valley	16	12	0.75	Q	5	0	0.5	0.9	1.3	1	0	6.37	2.5	22.25	1.892E-05	2.5	50	2	2.55	1.66	3.75	Tbf	5	14	2
DD		16	13	1.25			0	0	1	0	0	0	0	2.5	24.96	0.0000218	2.5	0								

Dixie Valley Cross-Sectional Data (continued)

1	2	3			4		5	6	7	8	9	10	11		12			13		14			15		16	
Cross-Section	Do-main	Location			Lithology		Assigned Parameters: Lithology					Stress Parameters			Coulomb Stress Parameters			Temperature		Seismic Parameters			Gravity-Magnetics		MT (Resistivity)	
		X	Z	Ele-vation	Fm	TV	EGS-Fav	Frict-ion	Certain-ty	Densi-ty	Strength	Frac-Intens	Vert-Stress	TV	CSC	Dilatation	TV	° C	TV	Vp	Vs	TV	Lithology	TV	ohm-m	TV
DD	Valley	17	3	-3.75	Kgr	1	0.8	1.4	0.6	2.5	230	0	104.37	2.5	9.83	-6.22E-07	2.5	235	1	4.92	3.49	0.39	Tr/Kgr	4	18	2
DD	Valley	17	4	-3.25	Kgr	1	0.8	1.4	0.7	2.5	230	0	92.12	2.5	10.61	1.35E-06	2.5	225	1	4.79	3.49	0.42	Tr/Kgr	4	25	2
DD	Valley	17	5	-2.75	Tr	1	0.4	0.6	0.8	2.4	30	0	79.87	2.5	11.52	3.34E-06	2.5	200	1	4.67	3.48	0.46	Tr/Kgr	4	25	2
DD	Valley	17	6	-2.25	Tr	2	0.4	0.6	0.9	2.4	30	0	68.11	2.5	12.59	5.38E-06	2.5	175	1	4.54	3.47	0.49	Tr/Kgr	4	35	2
DD	Valley	17	7	-1.75	Tr	2	0.4	0.6	0.9	2.4	30	0.1	56.35	2.5	13.85	0.0000075	2.5	175	1	4.41	3.43	1.08	Jg	4	35	2
DD	Valley	17	8	-1.25	Jz	2	0.7	0.8	0.9	2.6	400	0.2	44.59	2.5	15.31	9.71E-06	2.5	150	1	4.34	3.30	1.86	Jg	4	25	2
DD	Valley	17	9	-0.75	Jz	3	0.7	0.8	0.9	2.6	400	0.2	31.85	2.5	16.99	0.000012	2.5	125	1	4.30	3.14	2.23	Tbf	5	15	2
DD	Valley	17	10	-0.25	Q	4	0	0.5	0.9	1.3	1	0.2	19.11	2.5	18.92	0.0000145	2.5	100	1	4.10	2.98	2.49	Tbf	5	8	2
DD	Valley	17	11	0.25	Q	4	0	0.5	0.9	1.3	1	0.2	12.74	2.5	21.11	1.708E-05	2.5	50	1	3.52	2.68	3.09	Tbf	5	3	2
DD	Valley	17	12	0.75	Q	5	0	0.5	0.9	1.3	1	0.2	6.37	2.5	23.61	0.0000198	2.5	50	1	2.55	1.66	3.75	Tbf	5	7	2
DD		17	13	1.25			0	0	1	0	0	0	0	2.5	26.47	0.0000228	2.5	0								
DD	Valley	18	3	-3.75	Kgr	1	0.8	1.4	0.6	2.5	230	0	104.37	2.5	10.28	-2.89E-07	2.5	225	1	4.86	3.49	0.39	Tr/Kgr	4		
DD	Valley	18	4	-3.25	Kgr	1	0.8	1.4	0.7	2.5	230	0	92.12	2.5	11.13	1.74E-06	2.5	200	1	4.73	3.49	0.43	Tr/Kgr	4		
DD	Valley	18	5	-2.75	Tr	1	0.4	0.6	0.8	2.4	30	0	79.87	2.5	12.13	0.0000038	2.5	200	1	4.59	3.48	0.47	Tr/Kgr	4		
DD	Valley	18	6	-2.25	Tr	1	0.4	0.6	0.8	2.4	30	0	68.11	2.5	13.28	0.0000059	2.5	175	1	4.46	3.47	0.50	Jg	4		
DD	Valley	18	7	-1.75	Tr	1	0.4	0.6	0.8	2.4	30	0	56.35	2.5	14.62	8.07E-06	2.5	175	1	4.31	3.43	1.13	Jg	4		
DD	Valley	18	8	-1.25	Jz	2	0.7	0.8	0.8	2.6	400	0	44.59	2.5	16.16	0.0000103	2.5	150	1	4.17	3.30	1.83	Jg	4		
DD	Valley	18	9	-0.75	Jz	3	0.7	0.8	0.8	2.6	400	0	31.85	2.5	17.93	0.0000127	2.5	125	1	4.07	3.14	2.00	Tr/Kgr	5		
DD	Valley	18	10	-0.25	Q	4	0	0.5	0.8	1.3	1	0	19.11	2.5	19.96	1.518E-05	2.5	100	1	3.90	2.98	2.10	Tbf	5		
DD	Valley	18	11	0.25	Q	4	0	0.5	0.8	1.3	1	0	12.74	2.5	22.26	0.0000178	2.5	50	1	3.46	2.68	2.75	Tbf	5		
DD	Valley	18	12	0.75	Q	5	0	0.5	0.9	1.3	1	0	6.37	2.5	24.87	2.059E-05	2.5	50	1	2.54	1.66	3.52	Tbf	5		
DD		18	13	1.25			0	0	1	0	0	0	0	2.5	27.85	0.0000235	2.5	0								
EE	SR	1	3	-3.75	Kgr	1	0.8	1.4	0.3	2.5	230	0	133.77	2.5	-26.45	-4.03E-06	2.5	250	1	5.58	3.50	0.15			3000	3
EE	SR	1	4	-3.25	Kgr	1	0.8	1.4	0.3	2.5	230	0	121.52	2.5	-26.47	-5.88E-06	2.5	250	1	5.50	3.50	0.16			3000	3
EE	SR	1	5	-2.75	Kgr	1	0.8	1.4	0.3	2.5	230	0	109.27	2.5	-26.60	-7.87E-06	2.5	225	1	5.42	3.49	0.17	Tr/Kgr	4	1200	3
EE	SR	1	6	-2.25	Kgr	1	0.8	1.4	0.3	2.5	230	0	97.02	2.5	-26.86	-0.0000101	2.5	200	1	5.34	3.48	0.18	Tr/Kgr	4	1000	3
EE	SR	1	7	-1.75	Kgr	1	0.8	1.4	0.3	2.5	230	0	84.77	2.5	-27.33	-0.0000127	2.5	175	1	5.23	3.45	0.29	Tr/Kgr	4	1100	3
EE	SR	1	8	-1.25	Kgr	1	0.8	1.4	0.3	2.5	230	0	72.52	2.5	-28.20	-0.0000157	2.5	150	1	5.12	3.33	0.51	Tr/Kgr	4	900	3
EE	SR	1	9	-0.75	Kgr	2	0.8	1.4	0.3	2.5	230	0	60.27	2.5	-29.85	-0.0000195	2.5	125	1	5.07	3.20	0.74	Tr/Kgr	5	600	3
EE	SR	1	10	-0.25	Tr	3	0.4	0.6	0.5	2.4	30	0	48.02	2.5	-33.07	-0.0000242	2.5	100	1	5.03	3.07	0.98	Tr/Kgr	5	250	3
EE	SR	1	11	0.25	Tr	4	0.4	0.6	0.6	2.4	30	0	36.26	2.5	-39.19	-0.0000301	2.5	50	1	4.63	2.68	1.52	Tr/Kgr	5	80	3
EE	SR	1	12	0.75	Tr	4	0.4	0.6	0.7	2.4	30	0	24.5	2.5	-49.99	-0.0000037	2.5	50	1	3.26	1.66	1.96	Tr/Kgr	5	50	3
EE	SR	1	13	1.25	Jz	5	0.7	0.8	0.9	2.6	400	0	12.74	2.5	-66.75	-0.0000447	2.5	50	1				Jg	5		
EE	SR	2	3	-3.75	Kgr	1	0.8	1.4	0.3	2.5	230	0	133.77	2.5	-29.17	-3.77E-06	2.5	275	1	5.33	3.50	0.21			1000	3
EE	SR	2	4	-3.25	Kgr	1	0.8	1.4	0.3	2.5	230	0	121.52	2.5	-29.02	-5.39E-06	2.5	250	1	5.23	3.50	0.22			800	3
EE	SR	2	5	-2.75	Kgr	1	0.8	1.4	0.3	2.5	230	0	109.27	2.5	-28.86	-7.14E-06	2.5	250	1	5.14	3.49	0.24			200	3
EE	SR	2	6	-2.25	Kgr	1	0.8	1.4	0.3	2.5	230	0	97.02	2.5	-28.66	-9.12E-06	2.5	225	1	5.04	3.48	0.26	Tr/Kgr	4	120	3
EE	SR	2	7	-1.75	Kgr	1	0.8	1.4	0.3	2.5	230	0	84.77	2.5	-28.40	-0.0000114	2.5	200	1	4.85	3.45	0.57	Tr/Kgr	4	175	3
EE	SR	2	8	-1.25	Kgr	1	0.8	1.4	0.3	2.5	230	0	72.52	2.5	-28.09	-0.0000143	2.5	175	1	4.72	3.33	1.07	Tr/Kgr	4	200	3
EE	SR	2	9	-0.75	Kgr	2	0.8	1.4	0.3	2.5	230	0	60.27	2.5	-27.88	-0.0000178	2.5	150	1	4.73	3.20	1.46	Tr/Kgr	4	350	3
EE	SR	2	10	-0.25	Tr	3	0.4	0.6	0.5	2.4	30	0	48.02	2.5	-28.23	-0.0000225	2.5	125	1	4.66	3.07	1.82	Tr/Kgr	5	200	3
EE	SR	2	11	0.25	Tr	4	0.4	0.6	0.6	2.4	30	0	36.26	2.5	-30.22	-0.0000285	2.5	100	1	4.10	2.68	2.44	Tr/Kgr	5	50	3
EE	SR	2	12	0.75	Tr	4	0.4	0.6	0.7	2.4	30	0	24.5	2.5	-35.89	-0.0000359	2.5	50	1	2.94	1.66	2.89	Tr/Kgr	5	90	3
EE	SR	2	13	1.25	Jz	5	0.7	0.8	0.9	2.6	400	0	12.74	2.5	-47.77	-0.0000444	2.5	50	1				Jg	5		

Dixie Valley Cross-Sectional Data (continued)

1	2	3			4		5	6	7	8	9	10	11		12			13		14			15		16	
Cross-Section	Do-main	Location			Lithology		Assigned Parameters: Lithology					Stress Parameters			Coulomb Stress Parameters			Temperature		Seismic Parameters			Gravity-Magnetics		MT (Resistivity)	
		X	Z	Ele-vation	Fm	TV	EGS-Fav	Frict-ion	Certain-ty	Densi-ty	Strength	Frac-Intens	Vert-Stress	TV	CSC	Dilatation	TV	° C	TV	Vp	Vs	TV	Lithology	TV	ohm-m	TV
EE	SR	3	3	-3.75	Kgr	1	0.8	1.4	0.3	2.5	230	0	133.77	2.5	-31.66	-3.48E-06	2.5	285	1	5.03	3.51	0.45			500	3
EE	SR	3	4	-3.25	Kgr	1	0.8	1.4	0.3	2.5	230	0	121.52	2.5	-31.05	-4.82E-06	2.5	275	1	4.91	3.50	0.49			250	3
EE	SR	3	5	-2.75	Kgr	1	0.8	1.4	0.3	2.5	230	0	109.27	2.5	-30.27	-6.27E-06	2.5	250	1	4.79	3.49	0.53	Tr/Kgr	4	150	3
EE	SR	3	6	-2.25	Kgr	1	0.8	1.4	0.3	2.5	230	0	97.02	2.5	-29.24	-7.92E-06	2.5	250	2	4.67	3.48	0.57	Tr/Kgr	4	100	3
EE	SR	3	7	-1.75	Kgr	1	0.8	1.4	0.3	2.5	230	0	84.77	2.5	-27.82	-9.85E-06	2.5	225	2	4.63	3.44	0.94	Tr/Kgr	4	150	3
EE	SR	3	8	-1.25	Kgr	1	0.8	1.4	0.3	2.5	230	0	72.52	2.5	-25.85	-0.0000122	2.5	200	2	4.67	3.31	1.55	Tr/Kgr	4	200	3
EE	SR	3	9	-0.75	Kgr	2	0.8	1.4	0.3	2.5	230	0	60.27	2.5	-23.08	-0.0000153	2.5	175	2	4.71	3.15	2.05	Tr/Kgr	5	400	3
EE	SR	3	10	-0.25	Tr	3	0.4	0.6	0.5	2.4	30	0	48.02	2.5	-19.27	-0.0000192	2.5	125	2	4.65	2.99	2.49	Tr/Kgr	5	250	3
EE	SR	3	11	0.25	Tr	4	0.4	0.6	0.6	2.4	30	0	36.26	2.5	-14.29	-0.0000244	2.5	100	2	4.04	2.68	2.96	Tr/Kgr	5	125	3
EE	DVFZ	3	12	0.75	Tr	4	0.4	0.6	0.7	2.4	30	0.2	24.5	2.5	-8.75	-0.0000311	2.5	100	2	2.83	1.66	3.23	Tr/Kgr	5	350	3
EE	DVFZ	3	13	1.25	Jz	5	0.7	0.8	0.9	2.6	400	0.1	12.74	2.5	-5.05	-0.0000389	2.5	0				Jg	5			
EE	SR	4	3	-3.75	Kgr	1	0.8	1.4	0.3	2.5	230	0	122.99	2.5	-31.66	-3.16E-06	2.5	300	2	5.20	3.51	0.85			145	3
EE	SR	4	4	-3.25	Kgr	1	0.8	1.4	0.3	2.5	230	0	110.74	2.5	-30.04	-4.18E-06	2.5	285	2	5.10	3.50	0.93			90	3
EE	SR	4	5	-2.75	Kgr	1	0.8	1.4	0.3	2.5	230	0	98.49	2.5	-28.09	-5.28E-06	2.5	275	3	5.01	3.49	1.00	Tr/Kgr	4	100	3
EE	SR	4	6	-2.25	Kgr	1	0.8	1.4	0.3	2.5	230	0	86.24	2.5	-25.70	-6.51E-06	2.5	260	3	4.91	3.48	1.08	Tr/Kgr	4	130	3
EE	SR	4	7	-1.75	Kgr	1	0.8	1.4	0.3	2.5	230	0	73.99	2.5	-22.69	-7.93E-06	2.5	250	3	4.73	3.44	1.70	Tr/Kgr	4	185	3
EE	SR	4	8	-1.25	Kgr	2	0.8	1.4	0.3	2.5	230	0	61.74	2.5	-18.78	-9.63E-06	2.5	225	3	4.60	3.29	2.51	Tr/Kgr	4	450	3
EE	SR	4	9	-0.75	Kgr	3	0.8	1.4	0.5	2.5	230	0	49.49	2.5	-13.43	-0.0000117	2.5	200	3	4.55	3.12	2.92	Tr/Kgr	5	650	3
EE	DVFZ	4	10	-0.25	Tr	4	0.4	0.6	0.5	2.4	30	0.2	37.24	2.5	-5.66	-0.0000143	2.5	150	3	4.36	2.94	3.24	Tr/Kgr	5	325	3
EE	DVFZ	4	11	0.25	Jz	4	0.7	0.8	0.7	2.6	400	0.4	25.48	2.5	6.37	-0.0000175	2.5	125	3	3.75	2.68	3.51	Tr/Kgr	5	150	3
EE	DVFZ	4	12	0.75	Jz	5	0.7	0.8	0.9	2.6	400	0.2	12.74	2.5	25.21	-0.0000213	2.5	100	3	2.68	1.66	3.65	Tr/Kgr	5	14	3
EE		4	13	1.25			0	0	1	0	0	0	0	2.5	51.78	-0.0000259	2.5	0								
EE	DVFZ	5	3	-3.75	Kgr	1	0.8	1.4	0.3	2.5	230	0	116.62	2.5	-26.13	-2.82E-06	2.5	300	2	5.21	3.51	0.97			150	3
EE	DVFZ	5	4	-3.25	Kgr	1	0.8	1.4	0.3	2.5	230	0	104.37	2.5	-23.08	-0.0000035	2.5	290	2	5.11	3.50	1.07			90	3
EE	DVFZ	5	5	-2.75	Kgr	1	0.8	1.4	0.3	2.5	230	0	92.12	2.5	-19.64	-0.0000042	2.5	280	2	5.02	3.49	1.16	Tr/Kgr	4	130	3
EE	DVFZ	5	6	-2.25	Kgr	1	0.8	1.4	0.3	2.5	230	0	79.87	2.5	-15.75	-4.96E-06	2.5	275	3	4.92	3.48	1.25	Tr/Kgr	4	185	3
EE	DVFZ	5	7	-1.75	Kgr	1	0.8	1.4	0.3	2.5	230	0.2	67.62	2.5	-11.25	-5.78E-06	2.5	250	3	4.75	3.44	1.86	Tr/Kgr	4	220	3
EE	DVFZ	5	8	-1.25	Tr	2	0.4	0.6	0.4	2.4	30	0.2	55.37	2.5	-5.88	-6.66E-06	2.5	225	3	4.61	3.29	2.64	Tr/Kgr	4	800	3
EE	DVFZ	5	9	-0.75	Tr	3	0.4	0.6	0.5	2.4	30	0.2	43.61	2.5	0.89	-7.54E-06	2.5	200	3	4.55	3.12	3.02	Tr/Kgr	5	400	3
EE	DVFZ	5	10	-0.25	Jz	4	0.7	0.8	0.6	2.6	400	0	31.85	2.5	10.22	-8.25E-06	2.5	150	3	4.38	2.94	3.31	Tr/Kgr	5	125	3
EE	DVFZ	5	11	0.25	Jz	4	0.7	0.8	0.7	2.6	400	0	19.11	2.5	24.74	-8.44E-06	2.5	125	3	3.76	2.68	3.58	Tr/Kgr	5	15	3
EE	DVFZ	5	12	0.75	Q	5	0	0.5	1	1.3	1	0	6.37	2.5	49.43	-7.78E-06	2.5	50	3	2.65	1.66	3.77	Tr/Kgr	5	8	3
EE		5	13	1.25			0	0	1	0	0	0	0	2.5	90.10	-0.0000068	2.5	0								
EE	DVFZ	6	3	-3.75	Kgr	1	0.8	1.4	0.3	2.5	230	0	116.62	2.5	-14.51	-2.48E-06	2.5	300	3	5.21	3.51	1.19			150	3
EE	DVFZ	6	4	-3.25	Kgr	1	0.8	1.4	0.3	2.5	230	0.2	104.37	2.5	-10.40	-2.79E-06	2.5	290	3	5.13	3.50	1.29			100	3
EE	DVFZ	6	5	-2.75	Kgr	1	0.8	1.4	0.3	2.5	230	0.2	92.12	2.5	-6.06	-3.09E-06	2.5	280	3	5.05	3.49	1.39	Tr/Kgr	4	165	3
EE	DVFZ	6	6	-2.25	Kgr	1	0.8	1.4	0.3	2.5	230	0.2	79.87	2.5	-1.44	-3.36E-06	2.5	270	4	4.96	3.48	1.49	Tr/Kgr	4	250	3
EE	DVFZ	6	7	-1.75	Kgr	1	0.8	1.4	0.3	2.5	230	0	67.62	2.5	3.50	-3.56E-06	2.5	250	4	4.75	3.44	2.04	Tr/Kgr	4	300	3
EE	DVFZ	6	8	-1.25	Tr	2	0.4	0.6	0.4	2.4	30	0	55.37	2.5	8.91	-0.0000036	2.5	225	3	4.61	3.29	2.70	Tr/Kgr	4	450	3
EE	DVFZ	6	9	-0.75	Tr	3	0.4	0.6	0.7	2.4	30	0	43.61	2.5	15.07	-3.27E-06	2.5	200	3	4.60	3.12	3.04	Tr/Kgr	5	135	3
EE	DVFZ	6	10	-0.25	Jz	4	0.7	0.8	0.7	2.6	400	0	31.85	2.5	22.63	-2.15E-06	2.5	150	3	4.41	2.94	3.33	Tr/Kgr	5	20	3
EE	DVFZ	6	11	0.25	Jz	4	0.7	0.8	0.7	2.6	400	0.2	19.11	2.5	33.30	4.77E-07	2.5	125	3	3.74	2.68	3.62	Jg	5	15	3
EE	DVFZ	6	12	0.75	Q	5	0	0.5	1	1.3	1	0	6.37	2.5	51.03	5.28E-06	2.5	100	4	2.63	1.66	3.86	Tbf	5	6	3
EE		6	13	1.25			0	0	1	0	0	0	0	2.5	82.50	0.0000116	2.5	0								

Dixie Valley Cross-Sectional Data (continued)

1	2	3			4		5	6	7	8	9	10	11		12			13		14			15		16	
Cross-Section	Do-main	Location			Lithology		Assigned Parameters: Lithology					Stress Parameters			Coulomb Stress Parameters			Temperature		Seismic Parameters			Gravity-Magnetics		MT (Resistivity)	
		X	Z	Ele-vation	Fm	TV	EGS-Fav	Frict-ion	Certain-ty	Densi-ty	Strength	Frac-Intens	Vert-Stress	TV	CSC	Dilatation	TV	° C	TV	Vp	Vs	TV	Lithology	TV	ohm-m	TV
EE	DVFZ	7	3	-3.75	Kgr	1	0.8	1.4	0.4	2.5	230	0	98.98	2.5	-1.02	-2.15E-06	2.5	300	3	5.20	3.51	0.98			135	3
EE	DVFZ	7	4	-3.25	Kgr	1	0.8	1.4	0.4	2.5	230	0	86.73	2.5	2.98	-0.0000021	2.5	290	4	5.10	3.50	1.08			140	3
EE	DVFZ	7	5	-2.75	Kgr	1	0.8	1.4	0.5	2.5	230	0	74.48	2.5	6.98	-0.000002	2.5	280	4	5.00	3.49	1.17	Tr/Kgr	4	200	3
EE	DVFZ	7	6	-2.25	Kgr	1	0.8	1.4	0.6	2.5	230	0	62.23	2.5	10.97	-0.0000018	2.5	275	4	4.91	3.48	1.26	Tr/Kgr	4	230	3
EE	DVFZ	7	7	-1.75	Kgr	1	0.8	1.4	0.7	2.5	230	0.24	49.98	2.5	14.95	-1.43E-06	2.5	250	4	4.73	3.44	1.86	Tr/Kgr	4	250	3
EE	DVFZ	7	8	-1.25	Kgr	2	0.8	1.4	0.5	2.5	230	0.2	37.73	2.5	18.92	-7.38E-07	2.5	225	4	4.57	3.29	2.65	Jg	4	220	3
EE	DVFZ	7	9	-0.75	Q	3	0	0.5	0.8	1.3	1	0.2	25.48	2.5	22.89	5.47E-07	2.5	200	4	4.52	3.12	3.05	Jg	5	18	3
EE	DVFZ	7	10	-0.25	Q	4	0	0.5	0.8	1.3	1	0.2	19.11	2.5	26.96	2.93E-06	2.5	150	4	4.32	2.94	3.34	Tbf	5	10	3
EE	DVFZ	7	11	0.25	Q	4	0	0.5	0.8	1.3	1	0	12.74	2.5	31.46	7.14E-06	2.5	125	4	3.71	2.68	3.68	Tbf	5	8	3
EE	Valley	7	12	0.75	Q	5	0	0.5	1	1.3	1	0	6.37	2.5	37.56	1.378E-05	2.5	100	4	2.65	1.66	3.95	Tbf	5	8	3
EE		7	13	1.25			0	0	1	0	0	0	0	2.5	48.33	2.219E-05	2.5	0								
EE	DVFZ	8	3	-3.75	Kgr	4	0.8	1.4	0.4	2.5	230	0	99.47	2.5	8.77	-1.83E-06	2.5	300	3	5.15	3.51	0.98			125	4
EE	DVFZ	8	4	-3.25	Kgr	4	0.8	1.4	0.5	2.5	230	0.2	87.22	2.5	11.69	-1.44E-06	2.5	285	4	5.05	3.50	1.08			150	4
EE	DVFZ	8	5	-2.75	Tr	5	0.4	0.6	0.6	2.4	30	0.2	74.97	2.5	14.46	-9.64E-07	2.5	275	4	4.94	3.49	1.17	Tr/Kgr	4	250	4
EE	DVFZ	8	6	-2.25	Jz	5	0.7	0.8	0.7	2.6	400	0.2	63.21	2.5	17.06	-3.5E-07	2.5	250	5	4.84	3.48	1.26	Tr/Kgr	4	250	4
EE	DVFZ	8	7	-1.75	Jz	5	0.7	0.8	0.8	2.6	400	0	50.47	2.5	19.49	4.96E-07	2.5	250	5	4.68	3.44	1.86	Tr/Kgr	4	210	4
EE	DVFZ	8	8	-1.25	Tmb	5	0.6	0.7	0.7	2.5	100	0.2	37.73	2.5	21.68	1.73E-06	2.5	225	4	4.53	3.29	2.65	Jg	4	110	4
EE	DVFZ	8	9	-0.75	Q	5	0	0.5	1	1.3	1	0.2	25.48	2.5	23.56	3.62E-06	2.5	200	4	4.48	3.12	3.05	Jg	5	12	5
EE	Valley	8	10	-0.25	Q	5	0	0.5	1	1.3	1	0	19.11	2.5	24.92	6.58E-06	2.5	150	4	4.27	2.94	3.34	Tbf	5	8	5
EE	Valley	8	11	0.25	Q	5	0	0.5	1	1.3	1	0	12.74	2.5	25.44	0.0000111	2.5	125	4	3.66	2.68	3.68	Tbf	5	7	5
EE	Valley	8	12	0.75	Q	5	0	0.5	1	1.3	1	0	6.37	2.5	24.66	1.754E-05	2.5	50	5	2.62	1.66	3.95	Tbf	5	10	5
EE		8	13	1.25			0	0	1	0	0	0	0	2.5	22.63	0.0000253	2.5	0								
EE	Valley	9	3	-3.75	Kgr	4	0.8	1.4	0.4	2.5	230	0	98.98	2.5	13.06	-1.54E-06	2.5	295	4	5.15	3.51	0.68			100	4
EE	Valley	9	4	-3.25	Tr	4	0.4	0.6	0.4	2.4	30	0	86.73	2.5	14.79	-8.33E-07	2.5	275	4	5.04	3.50	0.74			110	4
EE	Valley	9	5	-2.75	Tr	5	0.4	0.6	0.5	2.4	30	0	74.97	2.5	16.37	-2.69E-08	2.5	250	5	4.94	3.49	0.80	Tr/Kgr	4	165	4
EE	Valley	9	6	-2.25	Jz	5	0.7	0.8	0.6	2.6	400	0	63.21	2.5	17.82	9.37E-07	2.5	250	5	4.84	3.48	0.87	Tr/Kgr	4	175	4
EE	Valley	9	7	-1.75	Jz	5	0.7	0.8	0.7	2.6	400	0	50.47	2.5	19.11	2.15E-06	2.5	225	4	4.64	3.44	1.50	Tr/Kgr	4	165	4
EE	Valley	9	8	-1.25	Tmb	5	0.6	0.7	0.7	2.5	100	0	37.73	2.5	20.22	3.75E-06	2.5	200	4	4.48	3.29	2.36	Jg	4	75	4
EE	Valley	9	9	-0.75	Q	5	0	0.5	0.8	1.3	1	0	25.48	2.5	21.02	5.95E-06	2.5	175	4	4.42	3.12	2.80	Jg	5	10	5
EE	Valley	9	10	-0.25	Q	5	0	0.5	0.8	1.3	1	0	19.11	2.5	21.29	9.02E-06	2.5	150	4	4.22	2.94	3.11	Tbf	5	7	5
EE	Valley	9	11	0.25	Q	5	0	0.5	0.8	1.3	1	0	12.74	2.5	20.54	0.0000133	2.5	125	4	3.64	2.68	3.54	Tbf	5	6	5
EE	Valley	9	12	0.75	Q	5	0	0.5	1	1.3	1	0	6.37	2.5	17.93	0.0000187	2.5	50	4	2.62	1.66	3.89	Tbf	5	4	5
EE		9	13	1.25			0	0	1	0	0	0	0	2.5	12.54	0.0000251	2.5	0			-99.00					
EE	Valley	10	3	-3.75	Tr	1	0.4	0.6	0.3	2.4	30	0	93.1	2.5	13.72	-1.27E-06	2.5	280	4	5.15	3.51	0.67			90	4
EE	Valley	10	4	-3.25	Tr	1	0.4	0.6	0.3	2.4	30	0	81.34	2.5	14.66	-2.83E-07	2.5	275	4	5.04	3.50	0.73			85	4
EE	Valley	10	5	-2.75	Jz	1	0.7	0.8	0.3	2.6	400	0	69.58	2.5	15.55	8.06E-07	2.5	250	4	4.94	3.49	0.79	Tr/Kgr	4	110	4
EE	Valley	10	6	-2.25	Jz	1	0.7	0.8	0.3	2.6	400	0	56.84	2.5	16.40	2.05E-06	2.5	225	4	4.84	3.48	0.85	Tr/Kgr	4	90	4
EE	Valley	10	7	-1.75	Tmb	1	0.6	0.7	0.7	2.5	100	0	44.1	2.5	17.21	3.54E-06	2.5	200	3	4.64	3.44	1.47	Tr/Kgr	4	75	4
EE	Valley	10	8	-1.25	Q	2	0	0.5	0.7	1.3	1	0	31.85	2.5	17.94	5.37E-06	2.5	175	3	4.48	3.29	2.30	Tbf	4	65	4
EE	Valley	10	9	-0.75	Q	3	0	0.5	0.8	1.3	1	0	25.48	2.5	18.50	0.0000077	2.5	150	3	4.42	3.12	2.73	Tbf	5	7	5
EE	Valley	10	10	-0.25	Q	4	0	0.5	0.8	1.3	1	0	19.11	2.5	18.69	1.069E-05	2.5	125	3	4.22	2.94	3.03	Tbf	5	5	5
EE	Valley	10	11	0.25	Q	4	0	0.5	0.8	1.3	1	0	12.74	2.5	18.07	1.447E-05	2.5	100	3	3.64	2.68	3.51	Tbf	5	5	5
EE	Valley	10	12	0.75	Q	5	0	0.5	1	1.3	1	0	6.37	2.5	15.92	1.905E-05	2.5	50	4	2.63	1.66	3.91	Tbf	5	5	5
EE		10	13	1.25			0	0	1	0	0	0	0	2.5	11.35	2.421E-05	2.5	0								



Dixie Valley Cross-Sectional Data (continued)

1	2	3			4		5	6	7	8	9	10	11		12			13		14			15		16	
Cross-Section	Do-main	Location			Lithology		Assigned Parameters: Lithology					Stress Parameters			Coulomb Stress Parameters			Temperature		Seismic Parameters			Gravity-Magnetics		MT (Resistivity)	
		X	Z	Ele-vation	Fm	TV	EGS-Fav	Frict-ion	Certain-ty	Densi-ty	Strength	Frac-Intens	Vert-Stress	TV	CSC	Dilatation	TV	° C	TV	Vp	Vs	TV	Lithology	TV	ohm-m	TV
EE	Valley	11	3	-3.75	Tr	1	0.4	0.6	0.3	2.4	30	0.2	93.1	2.5	13.01	-1.02E-06	2.5	275	3	5.14	3.51	0.65			85	4
EE	Valley	11	4	-3.25	Tr	1	0.4	0.6	0.3	2.4	30	0.2	81.34	2.5	13.59	2.12E-07	2.5	250	3	5.04	3.50	0.72			50	4
EE	Valley	11	5	-2.75	Jz	1	0.7	0.8	0.3	2.6	400	0.2	69.58	2.5	14.21	1.54E-06	2.5	225	4	4.94	3.49	0.78	Tr/Kgr	4	65	4
EE	Valley	11	6	-2.25	Jz	1	0.7	0.8	0.3	2.6	400	0.2	56.84	2.5	14.87	3.01E-06	2.5	225	4	4.84	3.48	0.84	Tr/Kgr	4	75	4
EE	Valley	11	7	-1.75	Tmb	1	0.6	0.7	0.7	2.5	100	0.2	44.1	2.5	15.58	0.0000047	2.5	200	3	4.64	3.44	1.44	Tr/Kgr	4	65	4
EE	Valley	11	8	-1.25	Q	2	0	0.5	0.7	1.3	1	0.2	31.85	2.5	16.32	6.68E-06	2.5	175	3	4.48	3.29	2.25	Jg	4	20	4
EE	Valley	11	9	-0.75	Q	3	0	0.5	0.8	1.3	1	0.2	25.48	2.5	17.02	9.05E-06	2.5	150	3	4.43	3.12	2.68	Tbf	5	4	5
EE	Valley	11	10	-0.25	Q	4	0	0.5	0.8	1.3	1	0.2	19.11	2.5	17.51	0.0000119	2.5	125	3	4.20	2.94	2.98	Tbf	5	3	5
EE	Valley	11	11	0.25	Q	4	0	0.5	0.8	1.3	1	0.2	12.74	2.5	17.47	0.0000153	2.5	100	3	3.61	2.68	3.49	Tbf	5	5	5
EE	Valley	11	12	0.75	Q	5	0	0.5	1	1.3	1	0.2	6.37	2.5	16.38	0.0000192	2.5	50	3	2.60	1.66	3.93	Tbf	5	15	5
EE		11	13	1.25			0	0	1	0	0	0	0	2.5	13.61	0.0000236	2.5	0								
EE	Valley	12	3	-3.75	Tr	1	0.4	0.6	0.3	2.4	30	0	93.1	2.5	12.18	-7.82E-07	2.5	250	3	5.13	3.51	0.65			60	4
EE	Valley	12	4	-3.25	Tr	1	0.4	0.6	0.3	2.4	30	0	81.34	2.5	12.65	6.58E-07	2.5	250	3	5.02	3.50	0.71			32	4
EE	Valley	12	5	-2.75	Jz	1	0.7	0.8	0.3	2.6	400	0	69.58	2.5	13.21	2.18E-06	2.5	225	3	4.92	3.49	0.78	Tr/Kgr	4	22	4
EE	Valley	12	6	-2.25	Jz	1	0.7	0.8	0.3	2.6	400	0	56.84	2.5	13.88	3.83E-06	2.5	225	3	4.81	3.48	0.84	Tr/Kgr	4	15	4
EE	Valley	12	7	-1.75	Tmb	1	0.6	0.7	0.7	2.5	100	0	44.1	2.5	14.67	5.67E-06	2.5	200	3	4.62	3.44	1.43	Tr/Kgr	4	10	4
EE	Valley	12	8	-1.25	Q	2	0	0.5	0.7	1.3	1	0	31.85	2.5	15.56	7.74E-06	2.5	175	3	4.46	3.29	2.21	Tbf	4	8	4
EE	Valley	12	9	-0.75	Q	3	0	0.5	0.8	1.3	1	0	25.48	2.5	16.51	0.0000101	2.5	150	3	4.40	3.12	2.61	Tbf	5	5	5
EE	Valley	12	10	-0.25	Q	4	0	0.5	0.8	1.3	1	0	19.11	2.5	17.39	1.287E-05	2.5	125	3	4.16	2.94	2.89	Tbf	5	2	5
EE	Valley	12	11	0.25	Q	4	0	0.5	0.8	1.3	1	0	12.74	2.5	17.97	0.000016	2.5	100	3	3.59	2.68	3.40	Tbf	5	2	5
EE	Valley	12	12	0.75	Q	5	0	0.5	1	1.3	1	0	6.37	2.5	17.91	0.0000195	2.5	50	3	2.61	1.66	3.89	Tbf	5	11	5
EE		12	13	1.25			0	0	1	0	0	0	0	2.5	16.81	0.0000233	2.5	0								
EE	Valley	13	3	-3.75	Tr	1	0.4	0.6	0.3	2.4	30	0	93.1	2.5	11.63	-5.45E-07	2.5	250	2	5.11	3.51	0.64			10	4
EE	Valley	13	4	-3.25	Tr	1	0.4	0.6	0.3	2.4	30	0	81.34	2.5	12.11	1.07E-06	2.5	225	2	5.01	3.50	0.70			10	4
EE	Valley	13	5	-2.75	Jz	1	0.7	0.8	0.3	2.6	400	0	69.58	2.5	12.72	2.75E-06	2.5	225	3	4.90	3.49	0.76	Tr/Kgr	4	10	4
EE	Valley	13	6	-2.25	Jz	1	0.7	0.8	0.3	2.6	400	0	56.84	2.5	13.48	4.54E-06	2.5	200	3	4.80	3.48	0.82	Tr/Kgr	4	9	4
EE	Valley	13	7	-1.75	Tmb	1	0.6	0.7	0.7	2.5	100	0	44.1	2.5	14.40	6.49E-06	2.5	175	3	4.61	3.44	1.40	Tr/Kgr	4	8	4
EE	Valley	13	8	-1.25	Q	2	0	0.5	0.7	1.3	1	0	31.85	2.5	15.47	8.63E-06	2.5	150	3	4.45	3.29	2.16	Tbf	4	7	4
EE	Valley	13	9	-0.75	Q	3	0	0.5	0.8	1.3	1	0	25.48	2.5	16.67	1.102E-05	2.5	125	3	4.39	3.12	2.55	Tbf	5	5	5
EE	Valley	13	10	-0.25	Q	4	0	0.5	0.8	1.3	1	0	19.11	2.5	17.90	0.0000137	2.5	100	3	4.15	2.94	2.82	Tbf	5	3	5
EE	Valley	13	11	0.25	Q	4	0	0.5	0.8	1.3	1	0	12.74	2.5	19.01	0.0000166	2.5	50	3	3.58	2.68	3.34	Tbf	5	2	5
EE	Valley	13	12	0.75	Q	5	0	0.5	1	1.3	1	0	6.37	2.5	19.80	0.0000199	2.5	50	3	2.60	1.66	3.88	Tbf	5	9	5
EE		13	13	1.25			0	0	1	0	0	0	0	2.5	20.00	0.0000234	2.5	0								
EE	Valley	14	3	-3.75	Tr	1	0.4	0.6	0.3	2.4	30	0.2	93.1	2.5	11.38	-3.04E-07	2.5	250	3	5.15	3.49	0.66			10	4
EE	Valley	14	4	-3.25	Tr	1	0.4	0.6	0.3	2.4	30	0.2	81.34	2.5	11.92	1.44E-06	2.5	225	3	5.04	3.49	0.72			10	4
EE	Valley	14	5	-2.75	Jz	1	0.7	0.8	0.3	2.6	400	0	69.58	2.5	12.62	3.25E-06	2.5	200	4	4.94	3.48	0.79	Tr/Kgr	4	9	4
EE	Valley	14	6	-2.25	Jz	1	0.7	0.8	0.3	2.6	400	0	56.84	2.5	13.50	5.16E-06	2.5	200	4	4.84	3.47	0.85	Tr/Kgr	4	8	4
EE	Valley	14	7	-1.75	Tmb	1	0.6	0.7	0.7	2.5	100	0	44.1	2.5	14.56	7.19E-06	2.5	175	4	4.65	3.43	1.40	Tr/Kgr	4	7	4
EE	Valley	14	8	-1.25	Q	2	0	0.5	0.7	1.3	1	0	31.85	2.5	15.80	9.39E-06	2.5	150	4	4.49	3.30	2.15	Tbf	4	6	4
EE	Valley	14	9	-0.75	Q	3	0	0.5	0.8	1.3	1	0	25.48	2.5	17.21	0.0000118	2.5	125	4	4.43	3.14	2.54	Tbf	5	5	5
EE	Valley	14	10	-0.25	Q	4	0	0.5	0.8	1.3	1	0	19.11	2.5	18.74	0.0000144	2.5	100	4	4.18	2.98	2.80	Tbf	5	4	5
EE	Valley	14	11	0.25	Q	4	0	0.5	0.8	1.3	1	0	12.74	2.5	20.27	0.0000172	2.5	50	4	3.59	2.68	3.33	Tbf	5	2	5
EE	Valley	14	12	0.75	Q	5	0	0.5	1	1.3	1	0	6.37	2.5	21.70	0.0000203	2.5	50	4	2.61	1.66	3.85	Tbf	5	10	5
EE		14	13	1.25			0	0	1	0	0	0	0	2.5	22.86	2.362E-05	2.5	0								



Dixie Valley Cross-Sectional Data (continued)

1	2	3			4		5	6	7	8	9	10	11		12			13		14			15		16	
Cross-Section	Do-main	Location			Lithology		Assigned Parameters: Lithology					Stress Parameters			Coulomb Stress Parameters			Temperature		Seismic Parameters			Gravity-Magnetics		MT (Resistivity)	
		X	Z	Ele-vation	Fm	TV	EGS-Fav	Frict-ion	Certain-ty	Densi-ty	Strength	Frac-Intens	Vert-Stress	TV	CSC	Dilatation	TV	° C	TV	Vp	Vs	TV	Lithology	TV	ohm-m	TV
EE	Valley	15	3	-3.75	Kgr	1	0.8	1.4	0.3	2.5	230	0	93.1	2.5	11.34	-5.3E-08	2.5	225	3	5.10	3.47	0.56			10	4
EE	Valley	15	4	-3.25	Kgr	1	0.8	1.4	0.3	2.5	230	0	80.85	2.5	11.98	0.0000018	2.5	225	3	4.99	3.46	0.61			10	4
EE	Valley	15	5	-2.75	Tr	1	0.4	0.6	0.3	2.4	30	0.2	68.6	2.5	12.79	3.71E-06	2.5	200	4	4.88	3.45	0.66	Tr/Kgr	4	8	4
EE	Valley	15	6	-2.25	Jz	1	0.7	0.8	0.3	2.6	400	0.2	56.84	2.5	13.78	0.0000057	2.5	175	4	4.77	3.45	0.72	Tr/Kgr	4	8	4
EE	Valley	15	7	-1.75	Tmb	1	0.6	0.7	0.7	2.5	100	0.2	44.1	2.5	14.97	0.0000078	2.5	175	4	4.59	3.42	1.26	Tr/Kgr	4	7	4
EE	Valley	15	8	-1.25	Q	2	0	0.5	0.7	1.3	1	0.2	31.85	2.5	16.36	1.004E-05	2.5	150	4	4.43	3.31	2.00	Tr/Kgr	4	5	4
EE	Valley	15	9	-0.75	Q	3	0	0.5	0.8	1.3	1	0	25.48	2.5	17.95	1.244E-05	2.5	125	4	4.37	3.18	2.38	Tbf	5	3	5
EE	Valley	15	10	-0.25	Q	4	0	0.5	0.8	1.3	1	0	19.11	2.5	19.70	0.000015	2.5	100	4	4.07	3.04	2.62	Tbf	5	2	5
EE	Valley	15	11	0.25	Q	4	0	0.5	0.8	1.3	1	0	12.74	2.5	21.57	0.0000178	2.5	50	4	3.45	2.68	3.19	Tbf	5	2	5
EE	Valley	15	12	0.75	Q	5	0	0.5	1	1.3	1	0	6.37	2.5	23.46	0.0000208	2.5	50	4	2.52	1.66	3.78	Tbf	5	12	5
EE		15	13	1.25			0	0	1	0	0	0	0	2.5	25.31	0.000024	2.5	0								
EE	Valley	16	3	-3.75	Kgr	4	0.8	1.4	0.3	2.5	230	0	98.98	2.5	11.43	2.11E-07	2.5	225	4	5.09	3.47	0.59			10	4
EE	Valley	16	4	-3.25	Kgr	4	0.8	1.4	0.3	2.5	230	0	86.73	2.5	12.17	2.15E-06	2.5	200	4	4.98	3.46	0.65			13	4
EE	Valley	16	5	-2.75	Tr	5	0.4	0.6	0.3	2.4	30	0	74.48	2.5	13.09	4.13E-06	2.5	175	5	4.88	3.45	0.70	Tr/Kgr	4	12	4
EE	Valley	16	6	-2.25	Tr	5	0.4	0.6	0.3	2.4	30	0	62.72	2.5	14.19	6.18E-06	2.5	175	5	4.77	3.45	0.76	Tr/Kgr	4	9	4
EE	Valley	16	7	-1.75	Jz	5	0.7	0.8	0.3	2.6	400	0	50.96	2.5	15.50	8.33E-06	2.5	150	5	4.59	3.42	1.30	Tr/Kgr	4	9	4
EE	Valley	16	8	-1.25	Jz	5	0.7	0.8	0.5	2.6	400	0	38.22	2.5	17.02	0.0000106	2.5	125	5	4.45	3.31	2.04	Tr/Kgr	4	8	4
EE	Valley	16	9	-0.75	Q	5	0	0.5	0.8	1.3	1	0.2	25.48	2.5	18.75	0.000013	2.5	125	5	4.38	3.18	2.44	Tbf	5	6	5
EE	Valley	16	10	-0.25	Q	5	0	0.5	0.8	1.3	1	0.2	19.11	2.5	20.68	0.0000156	2.5	100	5	4.05	3.04	2.69	Tbf	5	5	5
EE	Valley	16	11	0.25	Q	5	0	0.5	0.8	1.3	1	0.2	12.74	2.5	22.79	0.0000183	2.5	50	5	3.34	2.68	3.16	Tbf	5	4	5
EE	Valley	16	12	0.75	Q	5	0	0.5	1	1.3	1	0.2	6.37	2.5	25.02	2.123E-05	2.5	50	5	2.43	1.66	3.66	Tbf	5	14	5
EE		16	13	1.25			0	0	1	0	0	0	0	2.5	27.36	0.0000243	2.5	0							0	
EE	Valley	17	3	-3.75	Kgr		0.8	1.4	0.3	2.5	230	0	104.37	2.5	11.56	4.88E-07	2.5	200	4	5.05	3.47	0.51			18	4
EE	Valley	17	4	-3.25	Kgr	4	0.8	1.4	0.3	2.5	230	0	92.12	2.5	12.42	2.48E-06	2.5	200	4	4.93	3.46	0.56			25	4
EE	Valley	17	5	-2.75	Tr	4	0.4	0.6	0.3	2.4	30	0	79.87	2.5	13.44	4.52E-06	2.5	175	4	4.82	3.45	0.61	Tr/Kgr	4	25	4
EE	Valley	17	6	-2.25	Tr	4	0.4	0.6	0.3	2.4	30	0	68.11	2.5	14.65	6.61E-06	2.5	175	4	4.70	3.45	0.66	Tr/Kgr	4	35	4
EE	Valley	17	7	-1.75	Tr	4	0.4	0.6	0.3	2.4	30	0	56.35	2.5	16.06	0.0000088	2.5	150	4	4.54	3.42	1.26	Tr/Kgr	4	35	4
EE	Valley	17	8	-1.25	Jz	4	0.7	0.8	0.5	2.6	400	0	44.59	2.5	17.69	0.0000111	2.5	125	4	4.41	3.31	2.09	Tr/Kgr	4	25	4
EE	Valley	17	9	-0.75	Jz	4	0.7	0.8	0.5	2.6	400	0	31.85	2.5	19.53	0.0000135	2.5	125	4	4.35	3.18	2.52	Jg	5	15	5
EE	Valley	17	10	-0.25	Q	4	0	0.5	0.8	1.3	1	0	19.11	2.5	21.60	0.000016	2.5	100	4	4.04	3.04	2.77	Tbf	5	8	5
EE	Valley	17	11	0.25	Q	4	0	0.5	0.8	1.3	1	0	12.74	2.5	23.88	0.0000187	2.5	50	4	3.30	2.68	3.18	Tbf	5	3	5
EE	Valley	17	12	0.75	Q	5	0	0.5	1	1.3	1	0	6.37	2.5	26.36	0.0000216	2.5	50	4	2.38	1.66	3.56	Tbf	5	7	5
EE		17	13	1.25			0	0	1	0	0	0	0	2.5	29.02	0.0000247	2.5	0								
FF	SR	1	3	-3.75	Kgr	1	0.8	1.4	0.2	2.5	230	0	132.3	2.5	-13.74	-0.0000033	2.5	250	1	5.36	3.51	1.02	Tr/Kgr	4		
FF	SR	1	4	-3.25	Kgr	1	0.8	1.4	0.3	2.5	230	0	120.05	2.5	-13.52	-5.18E-06	2.5	250	1	5.28	3.50	1.11	Tr/Kgr	4		
FF	SR	1	5	-2.75	Kgr	1	0.8	1.4	0.4	2.5	230	0	107.8	2.5	-13.54	-7.17E-06	2.5	225	1	5.19	3.49	1.20	Tr/Kgr	4		
FF	SR	1	6	-2.25	Kgr	1	0.8	1.4	0.4	2.5	230	0	95.55	2.5	-13.87	-9.36E-06	2.5	200	1	5.11	3.48	1.30	Tr/Kgr	4		
FF	SR	1	7	-1.75	Kgr	1	0.8	1.4	0.4	2.5	230	0	83.3	2.5	-14.65	-0.0000118	2.5	200	1	5.06	3.44	1.45	Tr/Kgr	4		
FF	SR	1	8	-1.25	Kgr	1	0.8	1.4	0.4	2.5	230	0	71.05	2.5	-16.06	-0.0000147	2.5	200	1	5.04	3.31	1.65	Tr/Kgr	4		
FF	SR	1	9	-0.75	Tr	2	0.4	0.6	0.5	2.4	30	0	58.8	2.5	-18.38	-0.0000183	2.5	150	1	5.00	3.15	1.84	Tr/Kgr	5		
FF	SR	1	10	-0.25	Tr	3	0.4	0.6	0.6	2.4	30	0	47.04	2.5	-21.88	-0.0000227	2.5	125	2	4.69	2.99	1.96	Tr/Kgr	5		
FF	SR	1	11	0.25	Tr	4	0.4	0.6	0.7	2.4	30	0	35.28	2.5	-26.57	-0.0000282	2.5	100	2	4.02	2.68	2.26	Tr/Kgr	5		
FF	SR	1	12	0.75	Tr	4	0.4	0.6	0.8	2.4	30	0	23.52	2.5	-31.25	-0.0000352	2.5	50	2	2.86	1.66	2.53	Tr/Kgr	5		
FF	SR	1	13	1.25	Tr	5	0.4	0.6	0.9	2.4	30	0	11.76	2.5	-31.83	-0.0000432	2.5	50	2				Tr/Kgr	5		

Dixie Valley Cross-Sectional Data (continued)

1	2	3			4		5	6	7	8	9	10	11		12			13		14			15		16	
Cross-Section	Do-main	Location			Lithology		Assigned Parameters: Lithology					Stress Parameters			Coulomb Stress Parameters			Temperature		Seismic Parameters			Gravity-Magnetics		MT (Resistivity)	
		X	Z	Ele-vation	Fm	TV	EGS-Fav	Frict-ion	Certain-ty	Densi-ty	Strength	Frac-Intens	Vert-Stress	TV	CSC	Dilatation	TV	° C	TV	Vp	Vs	TV	Lithology	TV	ohm-m	TV
FF	SR	2	3	-3.75	Kgr	1	0.8	1.4	0.3	2.5	230	0	132.3	2.5	-10.62	-3.06E-06	2.5	250	1	5.35	3.51	1.21	Tr/Kgr	4		
FF	SR	2	4	-3.25	Kgr	1	0.8	1.4	0.3	2.5	230	0	120.05	2.5	-10.22	-4.74E-06	2.5	250	1	5.27	3.50	1.32	Tr/Kgr	4		
FF	SR	2	5	-2.75	Kgr	1	0.8	1.4	0.4	2.5	230	0	107.8	2.5	-10.05	-6.55E-06	2.5	225	1	5.18	3.49	1.44	Tr/Kgr	4	3500	4
FF	SR	2	6	-2.25	Kgr	1	0.8	1.4	0.5	2.5	230	0	95.55	2.5	-10.19	-8.55E-06	2.5	225	1	5.10	3.48	1.55	Tr/Kgr	4	3500	4
FF	SR	2	7	-1.75	Kgr	2	0.8	1.4	0.5	2.5	230	0	83.3	2.5	-10.78	-0.0000109	2.5	200	1	5.05	3.44	1.70	Tr/Kgr	4	3500	4
FF	SR	2	8	-1.25	Kgr	2	0.8	1.4	0.5	2.5	230	0	71.05	2.5	-12.07	-0.0000137	2.5	200	2	5.03	3.31	1.89	Tr/Kgr	4	3000	4
FF	SR	2	9	-0.75	Tr	3	0.4	0.6	0.5	2.4	30	0	58.8	2.5	-14.51	-0.0000173	2.5	150	2	5.00	3.15	2.06	Tr/Kgr	5	3000	5
FF	SR	2	10	-0.25	Tr	3	0.4	0.6	0.6	2.4	30	0	47.04	2.5	-18.74	-0.000022	2.5	125	3	4.72	2.99	2.18	Tr/Kgr	5	1500	5
FF	SR	2	11	0.25	Tr	4	0.4	0.6	0.7	2.4	30	0	35.28	2.5	-25.22	-0.0000287	2.5	100	3	4.05	2.68	2.47	Tr/Kgr	5	500	5
FF	SR	2	12	0.75	Tr	4	0.4	0.6	0.8	2.4	30	0	23.52	2.5	-31.96	-0.0000385	2.5	50	3	2.88	1.66	2.73	Tr/Kgr	5	100	5
FF	SR	2	13	1.25	Tr	5	0.4	0.6	0.9	2.4	30	0.2	11.76	2.5	-25.92	-0.000052	2.5	50	3				Tr/Kgr	5		
FF	SR	3	3	-3.75	Kgr	1	0.8	1.4	0.4	2.5	230	0	120.54	2.5	-3.71	-0.0000028	2.5	260	1	5.33	3.51	1.44	Tr/Kgr	4		
FF	SR	3	4	-3.25	Kgr	1	0.8	1.4	0.4	2.5	230	0	108.29	2.5	-2.66	-4.25E-06	2.5	250	1	5.24	3.50	1.57	Tr/Kgr	4		
FF	SR	3	5	-2.75	Kgr	2	0.8	1.4	0.4	2.5	230	0	96.04	2.5	-1.73	-5.82E-06	2.5	240	1	5.16	3.49	1.71	Tr/Kgr	4	2000	4
FF	SR	3	6	-2.25	Kgr	2	0.8	1.4	0.5	2.5	230	0	83.79	2.5	-0.95	-7.59E-06	2.5	225	1	5.07	3.48	1.85	Tr/Kgr	4	2000	4
FF	SR	3	7	-1.75	Kgr	3	0.8	1.4	0.6	2.5	230	0	71.54	2.5	-0.43	-9.69E-06	2.5	200	1	5.01	3.44	2.02	Tr/Kgr	4	2000	4
FF	SR	3	8	-1.25	Kgr	3	0.8	1.4	0.6	2.5	230	0	59.29	2.5	-0.43	-0.0000123	2.5	200	2	4.98	3.31	2.22	Tr/Kgr	4	2500	4
FF	SR	3	9	-0.75	Tr	3	0.4	0.6	0.6	2.4	30	0	47.04	2.5	-1.53	-0.0000158	2.5	175	2	4.94	3.15	2.41	Tr/Kgr	5	3000	5
FF	SR	3	10	-0.25	Tr	4	0.4	0.6	0.6	2.4	30	0	35.28	2.5	-5.05	-0.0000207	2.5	125	3	4.62	2.99	2.55	Tr/Kgr	5	2000	5
FF	SR	3	11	0.25	Tr	4	0.4	0.6	0.7	2.4	30	0	23.52	2.5	-13.39	-0.0000281	2.5	100	3	3.95	2.68	2.87	Jg	5	1000	5
FF	DVFZ	3	12	0.75	Tr	5	0.4	0.6	0.8	2.4	30	0.3	11.76	2.5	-26.63	-0.0000415	2.5	50	3	2.79	1.66	3.13	Tr/Kgr	5	80	5
FF		3	13	1.25			0	0	0.9	0	0	0.1	0	2.5	22.47	-0.0000792	2.5	0								
FF	SR	4	3	-3.75	Kgr	1	0.8	1.4	0.5	2.5	230	0	120.54	2.5	18.85	-2.52E-06	2.5	265	1	5.23	3.51	1.43	Tr/Kgr	4		
FF	SR	4	4	-3.25	Kgr	1	0.8	1.4	0.5	2.5	230	0	108.29	2.5	24.82	-0.0000037	2.5	260	1	5.14	3.50	1.56	Tr/Kgr	4		
FF	SR	4	5	-2.75	Kgr	2	0.8	1.4	0.5	2.5	230	0	96.04	2.5	32.73	-4.99E-06	2.5	250	1	5.04	3.49	1.70	Tr/Kgr	4	1000	4
FF	SR	4	6	-2.25	Kgr	2	0.8	1.4	0.5	2.5	230	0	83.79	2.5	43.90	-6.46E-06	2.5	225	2	4.95	3.48	1.83	Tr/Kgr	4	1000	4
FF	SR	4	7	-1.75	Kgr	3	0.8	1.4	0.6	2.5	230	0	71.54	2.5	60.86	-8.24E-06	2.5	225	2	4.86	3.44	2.07	Tr/Kgr	4	1000	4
FF	SR	4	8	-1.25	Kgr	3	0.8	1.4	0.7	2.5	230	0	59.29	2.5	89.30	-0.0000105	2.5	200	3	4.77	3.31	2.40	Tr/Kgr	4	1200	4
FF	SR	4	9	-0.75	Tr	3	0.4	0.6	0.7	2.4	30	0	47.04	2.5	144.97	-0.0000138	2.5	200	3	4.70	3.15	2.65	Tr/Kgr	5	2000	5
FF	DVFZ	4	10	-0.25	Tr	4	0.4	0.6	0.7	2.4	30	0	35.28	2.5	290.69	-0.0000186	2.5	150	4	4.43	2.99	2.82	Tr/Kgr	5	1500	5
FF	DVFZ	4	11	0.25	Tr	4	0.4	0.6	0.7	2.4	30	0.2	23.52	2.5	1093.44	-0.000026	2.5	125	4	3.84	2.68	3.14	Tr/Kgr	5	1000	5
FF	DVFZ	4	12	0.75	Tr	5	0.4	0.6	0.8	2.4	30	0.5	11.76	2.5	644.50	-0.0000359	2.5	100	4	2.75	1.66	3.39	Tr/Kgr	5	80	5
FF		4	13	1.25			0	0	0.9	0	0	0.1	0	2.5	279.95	0.0000997	2.5	0								
FF	SR	5	3	-3.75	Kgr	2	0.8	1.4	0.6	2.5	230	0	115.64	2.5	193.37	-2.22E-06	2.5	275	1	5.23	3.51	1.37	Tr/Kgr	4		
FF	SR	5	4	-3.25	Kgr	2	0.8	1.4	0.6	2.5	230	0	103.39	2.5	319.11	-3.11E-06	2.5	265	1	5.14	3.50	1.50	Tr/Kgr	4		
FF	DVFZ	5	5	-2.75	Kgr	3	0.8	1.4	0.6	2.5	230	0	91.14	2.5	563.65	-4.07E-06	2.5	260	1	5.04	3.49	1.63	Tr/Kgr	4	600	4
FF	DVFZ	5	6	-2.25	Kgr	3	0.8	1.4	0.6	2.5	230	0	78.89	2.5	764.72	-5.18E-06	2.5	250	2	4.95	3.48	1.76	Tr/Kgr	4	800	4
FF	DVFZ	5	7	-1.75	Kgr	4	0.8	1.4	0.6	2.5	230	0	66.64	2.5	394.19	-6.55E-06	2.5	225	2	4.85	3.44	2.03	Tr/Kgr	4	800	4
FF	DVFZ	5	8	-1.25	Kgr	4	0.8	1.4	0.7	2.5	230	0	54.39	2.5	91.27	-8.39E-06	2.5	225	3	4.77	3.31	2.44	Tr/Kgr	4	800	4
FF	DVFZ	5	9	-0.75	Tr	4	0.4	0.6	0.8	2.4	30	0	42.14	2.5	-22.44	-0.0000111	2.5	200	3	4.68	3.15	2.75	Tr/Kgr	5	1000	5
FF	DVFZ	5	10	-0.25	Tr	4	0.4	0.6	0.8	2.4	30	0	30.38	2.5	-69.14	-0.0000156	2.5	150	4	4.40	2.99	2.91	Tr/Kgr	5	1000	5
FF	DVFZ	5	11	0.25	Jbr	4	0.6	0.8	0.8	2.5	200	0.2	18.62	2.5	-95.48	-0.0000238	2.5	125	4	3.84	2.68	3.21	Tr/Kgr	5	400	5
FF	DVFZ	5	12	0.75	Q	5	0	0.5	0.8	1.3	1	0	6.37	2.5	-123.17	-0.0000391	2.5	125	4	2.77	1.66	3.46	Tbf	5	60	5
FF		5	13	1.25			0	0	0.9	0	0	0	0	2.5	-143.49	-0.0000567	2.5	0								

Dixie Valley Cross-Sectional Data (continued)

1	2	3			4		5	6	7	8	9	10	11		12			13		14			15		16	
Cross-Section	Do-main	Location			Lithology		Assigned Parameters: Lithology					Stress Parameters			Coulomb Stress Parameters			Temperature		Seismic Parameters			Gravity-Magnetics		MT (Resistivity)	
		X	Z	Ele-vation	Fm	TV	EGS-Fav	Frict-ion	Certain-ty	Densi-ty	Strength	Frac-Intens	Vert-Stress	TV	CSC	Dilatation	TV	° C	TV	Vp	Vs	TV	Lithology	TV	ohm-m	TV
FF	DVFZ	6	3	-3.75	Kgr	2	0.8	1.4	0.6	2.5	230	0	117.11	2.5	99.46	-1.92E-06	2.5	280	1	5.23	3.51	1.32	Tr/Kgr	4		
FF	DVFZ	6	4	-3.25	Kgr	2	0.8	1.4	0.7	2.5	230	0	104.86	2.5	18.17	-2.49E-06	2.5	275	2	5.14	3.50	1.45	Tr/Kgr	4		
FF	DVFZ	6	5	-2.75	Kgr	3	0.8	1.4	0.7	2.5	230	0	92.61	2.5	-32.41	-0.0000031	2.5	265	2	5.04	3.49	1.57	Tr/Kgr	4	400	4
FF	DVFZ	6	6	-2.25	Kgr	3	0.8	1.4	0.7	2.5	230	0	80.36	2.5	-66.88	-0.0000038	2.5	250	3	4.95	3.48	1.70	Tr/Kgr	4	500	4
FF	DVFZ	6	7	-1.75	Kgr	4	0.8	1.4	0.7	2.5	230	0	68.11	2.5	-93.25	-4.68E-06	2.5	225	3	4.86	3.44	1.97	Tr/Kgr	4	450	4
FF	DVFZ	6	8	-1.25	Kgr	4	0.8	1.4	0.7	2.5	230	0	55.86	2.5	-115.08	-5.91E-06	2.5	225	4	4.78	3.31	2.41	Tr/Kgr	4	500	4
FF	DVFZ	6	9	-0.75	Tr	5	0.4	0.6	0.8	2.4	30	0.3	43.61	2.5	-133.01	-7.84E-06	2.5	200	4	4.69	3.15	2.74	Tr/Kgr	5	300	5
FF	DVFZ	6	10	-0.25	Jz	5	0.7	0.8	0.9	2.6	400	0.3	31.85	2.5	-145.25	-0.0000114	2.5	200	5	4.44	2.99	2.94	Tr/Kgr	5	300	5
FF	DVFZ	6	11	0.25	Jbr	5	0.6	0.8	0.9	2.5	200	0.1	19.11	2.5	-146.62	-0.0000197	2.5	150	5	3.86	2.68	3.27	Tr/Kgr	5	200	5
FF	DVFZ	6	12	0.75	Q	5	0	0.5	0.9	1.3	1	0	6.37	2.5	-127.42	-0.0000449	2.5	125	5	2.77	1.66	3.51	Tbf	5	10	5
FF		6	13	1.25			0	0	1	0	0	0	0	2.5	-123.01	-0.0001159	2.5	0								
FF	DVFZ	7	3	-3.75	Kgr	2	0.8	1.4	0.6	2.5	230	0	110.25	2.5	-121.75	-1.62E-06	2.5	275	1	5.22	3.51	1.13	Tr/Kgr	4		
FF	DVFZ	7	4	-3.25	Kgr	2	0.8	1.4	0.7	2.5	230	0	98	2.5	-161.87	-1.85E-06	2.5	260	2	5.13	3.50	1.24	Tr/Kgr	4		
FF	DVFZ	7	5	-2.75	Kgr	3	0.8	1.4	0.8	2.5	230	0	85.75	2.5	-200.88	-0.0000021	2.5	250	2	5.03	3.49	1.35	Tr/Kgr	4	100	4
FF	DVFZ	7	6	-2.25	Kgr	3	0.8	1.4	0.8	2.5	230	0.2	73.5	2.5	-230.93	-2.38E-06	2.5	225	3	4.94	3.48	1.45	Tr/Kgr	4	200	4
FF	DVFZ	7	7	-1.75	Kgr	4	0.8	1.4	0.8	2.5	230	0.2	61.25	2.5	-243.39	-2.74E-06	2.5	225	3	4.82	3.44	1.84	Jg	4	400	4
FF	DVFZ	7	8	-1.25	Tr	4	0.4	0.6	0.8	2.4	30	0.3	49	2.5	-235.50	-3.28E-06	2.5	200	4	4.73	3.31	2.45	Jg	4	200	4
FF	DVFZ	7	9	-0.75	Tr	4	0.4	0.6	0.8	2.4	30	0.3	37.24	2.5	-211.91	-4.21E-06	2.5	175	4	4.67	3.15	2.90	Jg	5	100	5
FF	DVFZ	7	10	-0.25	Jz	4	0.7	0.8	0.8	2.6	400	0.2	25.48	2.5	-178.79	-6.14E-06	2.5	150	4	4.38	2.99	3.21	Tbf	5	80	5
FF	DVFZ	7	11	0.25	Q	4	0	0.5	0.8	1.3	1	0.2	12.74	2.5	-135.94	-0.0000111	2.5	125	4	3.71	2.68	3.53	Tbf	5	10	5
FF	DVFZ	7	12	0.75	Q	5	0	0.5	0.9	1.3	1	0.1	6.37	2.5	-62.45	-0.0000268	2.5	100	4	2.67	1.66	3.73	Tbf	5	8	5
FF		7	13	1.25			0	0	1	0	0	0	0	2.5	151.65	-0.0000709	2.5	0								
FF	DVFZ	8	3	-3.75	Kgr	3	0.8	1.4	0.6	2.5	230	0.2	98.98	2.5	-395.94	-1.33E-06	2.5	280	4	5.22	3.51	1.18	Tr/Kgr	4		
FF	DVFZ	8	4	-3.25	Kgr	4	0.8	1.4	0.7	2.5	230	0.2	86.73	2.5	-290.37	-1.23E-06	2.5	275	4	5.12	3.50	1.29	Tr/Kgr	4		
FF	DVFZ	8	5	-2.75	Kgr	4	0.8	1.4	0.8	2.5	230	0.2	74.48	2.5	-212.06	-1.11E-06	2.5	250	4	5.03	3.49	1.40	Tr/Kgr	4	80	4
FF	DVFZ	8	6	-2.25	Kgr	5	0.8	1.4	0.9	2.5	230	0.3	62.23	2.5	-159.64	-9.78E-07	2.5	200	5	4.93	3.48	1.51	Tr/Kgr	4	100	4
FF	DVFZ	8	7	-1.75	Jz	5	0.7	0.8	0.9	2.6	400	0.4	49.98	2.5	-124.01	-8.33E-07	2.5	200	5	4.82	3.44	1.92	Jg	4	200	4
FF	DVFZ	8	8	-1.25	Tv	5	0.4	0.7	0.9	2.4	75	0.4	37.24	2.5	-98.29	-6.97E-07	2.5	200	5	4.73	3.29	2.55	Tbf	4	100	4
FF	DVFZ	8	9	-0.75	Q	5	0	0.5	0.9	1.3	1	0.2	25.48	2.5	-77.76	-6.25E-07	2.5	175	5	4.67	3.12	3.02	Tbf	5	80	5
FF	Valley	8	10	-0.25	Q	5	0	0.5	0.9	1.3	1	0.2	19.11	2.5	-58.26	-7.88E-07	2.5	125	5	4.38	2.94	3.34	Tbf	5	50	5
FF	Valley	8	11	0.25	Q	5	0	0.5	0.9	1.3	1	0.2	12.74	2.5	-33.58	-0.0000017	2.5	100	5	3.71	2.68	3.60	Tbf	5	10	5
FF	Valley	8	12	0.75	Q	5	0	0.5	0.9	1.3	1	0.2	6.37	2.5	11.93	-4.69E-06	2.5	50	5	2.67	1.66	3.73	Tbf	5	7	5
FF		8	13	1.25			0	0	1	0	0	0	0	2.5	124.13	-0.0000114	2.5	0								
FF	DVFZ	9	3	-3.75	Kgr	3	0.8	1.4	0.6	2.5	230	0.2	98.98	2.5	-48.58	-1.06E-06	2.5	275	4	5.20	3.51	1.09	Tr/Kgr	4		
FF	DVFZ	9	4	-3.25	Tr	4	0.4	0.6	0.7	2.4	30	0.2	86.73	2.5	-42.70	-6.41E-07	2.5	265	4	5.10	3.50	1.19	Tr/Kgr	4		
FF	DVFZ	9	5	-2.75	Tr	4	0.4	0.6	0.8	2.4	30	0.1	74.97	2.5	-37.76	-1.81E-07	2.5	245	4	5.00	3.49	1.29	Tr/Kgr	4	80	4
FF	DVFZ	9	6	-2.25	Jz	4	0.7	0.8	0.8	2.6	400	0	63.21	2.5	-33.32	3.37E-07	2.5	235	4	4.91	3.48	1.40	Tr/Kgr	4	100	4
FF	Valley	9	7	-1.75	Jz	4	0.7	0.8	0.8	2.6	400	0	50.47	2.5	-28.97	9.35E-07	2.5	225	4	4.74	3.44	1.98	Tr/Kgr	4	80	4
FF	Valley	9	8	-1.25	Tmb	4	0.6	0.7	0.8	2.5	100	0	37.73	2.5	-24.23	1.64E-06	2.5	200	4	4.59	3.29	2.76	Tbf	4	80	4
FF	Valley	9	9	-0.75	Q	4	0	0.5	0.8	1.3	1	0	25.48	2.5	-18.36	2.51E-06	2.5	150	4	4.51	3.12	3.18	Tbf	5	15	5
FF	Valley	9	10	-0.25	Q	4	0	0.5	0.8	1.3	1	0	19.11	2.5	-9.96	3.58E-06	2.5	125	4	4.24	2.94	3.47	Tbf	5	10	5
FF	Valley	9	11	0.25	Q	4	0	0.5	0.8	1.3	1	0	12.74	2.5	3.86	4.92E-06	2.5	100	4	3.62	2.68	3.70	Tbf	5	1	5
FF	Valley	9	12	0.75	Q	5	0	0.5	0.9	1.3	1	0	6.37	2.5	29.24	6.56E-06	2.5	50	4	2.62	1.66	3.82	Tbf	5	10	5
FF		9	13	1.25			0	0	1	0	0	0	0	2.5	77.05	8.46E-06	2.5	0								

Dixie Valley Cross-Sectional Data (continued)

1	2	3			4		5	6	7	8	9	10	11		12			13		14			15		16	
Cross-Section	Do-main	Location			Lithology		Assigned Parameters: Lithology					Stress Parameters			Coulomb Stress Parameters			Temperature		Seismic Parameters			Gravity-Magnetics		MT (Resistivity)	
		X	Z	Ele-vation	Fm	TV	EGS-Fav	Frict-ion	Certain-ty	Densi-ty	Strength	Frac-Intens	Vert-Stress	TV	CSC	Dilatation	TV	° C	TV	Vp	Vs	TV	Lithology	TV	ohm-m	TV
FF	Valley	10	3	-3.75	Tr	2	0.4	0.6	0.6	2.4	30	0	97.51	2.5	-8.04	-7.99E-07	2.5	260	3	5.21	3.49	1.03	Tr/Kgr	4		
FF	Valley	10	4	-3.25	Tr	3	0.4	0.6	0.7	2.4	30	0	85.75	2.5	-8.53	-9.07E-08	2.5	250	3	5.11	3.49	1.12	Tr/Kgr	4		
FF	Valley	10	5	-2.75	Tr	3	0.4	0.6	0.7	2.4	30	0	73.99	2.5	-8.39	6.77E-07	2.5	225	3	5.01	3.48	1.22	Tr/Kgr	4	15	4
FF	Valley	10	6	-2.25	Jz	4	0.7	0.8	0.7	2.6	400	0	62.23	2.5	-7.63	1.53E-06	2.5	225	4	4.92	3.47	1.32	Tr/Kgr	4	20	4
FF	Valley	10	7	-1.75	Tv	4	0.4	0.7	0.7	2.4	75	0	49.49	2.5	-6.17	0.0000025	2.5	200	4	4.75	3.43	1.89	Tr/Kgr	4	20	4
FF	Valley	10	8	-1.25	Tmb	4	0.6	0.7	0.7	2.5	100	0	37.73	2.5	-3.77	3.65E-06	2.5	175	4	4.61	3.30	2.66	Tbf	4	10	4
FF	Valley	10	9	-0.75	Q	4	0	0.5	0.8	1.3	1	0	25.48	2.5	0.03	5.04E-06	2.5	150	4	4.54	3.14	3.10	Tbf	5	5	5
FF	Valley	10	10	-0.25	Q	4	0	0.5	0.8	1.3	1	0	19.11	2.5	6.05	6.79E-06	2.5	125	4	4.23	2.98	3.39	Tbf	5	1	5
FF	Valley	10	11	0.25	Q	4	0	0.5	0.8	1.3	1	0	12.74	2.5	15.73	0.0000009	2.5	100	4	3.57	2.68	3.67	Tbf	5	1	5
FF	Valley	10	12	0.75	Q	5	0	0.5	0.9	1.3	1	0	6.37	2.5	31.21	0.0000118	2.5	50	4	2.57	1.66	3.84	Tbf	5	10	5
FF		10	13	1.25			0	0	1	0	0	0	0	2.5	54.72	0.0000151	2.5	0								
FF	Valley	11	3	-3.75	Tr	1	0.4	0.6	0.6	2.4	30	0	91.63	2.5	0.13	-5.59E-07	2.5	250	3	5.20	3.49	1.05	Tr/Kgr	4		
FF	Valley	11	4	-3.25	Tr	1	0.4	0.6	0.6	2.4	30	0	79.87	2.5	-0.12	4.12E-07	2.5	200	3	5.11	3.49	1.15	Tr/Kgr	4		
FF	Valley	11	5	-2.75	Tr	1	0.4	0.6	0.6	2.4	30	0	68.11	2.5	0.09	1.45E-06	2.5	200	3	5.01	3.48	1.25	Tr/Kgr	4	8	4
FF	Valley	11	6	-2.25	Jz	1	0.7	0.8	0.6	2.6	400	0	56.35	2.5	0.83	2.58E-06	2.5	200	3	4.91	3.47	1.35	Tr/Kgr	4	10	4
FF	Valley	11	7	-1.75	Tv	1	0.4	0.7	0.6	2.4	75	0	43.61	2.5	2.21	3.85E-06	2.5	200	3	4.75	3.43	1.92	Tr/Kgr	4	10	4
FF	Valley	11	8	-1.25	Q	2	0	0.5	0.7	1.3	1	0	31.85	2.5	4.43	5.31E-06	2.5	175	3	4.60	3.30	2.69	Tbf	4	3	4
FF	Valley	11	9	-0.75	Q	3	0	0.5	0.8	1.3	1	0	25.48	2.5	7.83	7.03E-06	2.5	150	3	4.53	3.14	3.11	Tbf	5	2	5
FF	Valley	11	10	-0.25	Q	4	0	0.5	0.8	1.3	1	0	19.11	2.5	12.91	0.00000091	2.5	125	3	4.20	2.98	3.39	Tbf	5	2	5
FF	Valley	11	11	0.25	Q	4	0	0.5	0.8	1.3	1	0	12.74	2.5	20.32	0.0000116	2.5	100	3	3.52	2.68	3.65	Tbf	5	1	5
FF	Valley	11	12	0.75	Q	5	0	0.5	0.9	1.3	1	0	6.37	2.5	30.73	0.0000146	2.5	50	3	2.54	1.66	3.82	Tbf	5	8	5
FF		11	13	1.25			0	0	1	0	0	0	0	2.5	44.41	0.000018	2.5	0								
FF	Valley	12	3	-3.75	Tr	1	0.4	0.6	0.5	2.4	30	0	92.61	2.5	3.42	-3.33E-07	2.5	250	2	5.20	3.49	1.05	Tr/Kgr	4		
FF	Valley	12	4	-3.25	Tr	1	0.4	0.6	0.5	2.4	30	0	80.85	2.5	3.56	8.68E-07	2.5	200	2	5.11	3.49	1.15	Tr/Kgr	4		
FF	Valley	12	5	-2.75	Jz	1	0.7	0.8	0.5	2.6	400	0	69.09	2.5	4.08	2.13E-06	2.5	200	2	5.01	3.48	1.25	Tr/Kgr	4	7	4
FF	Valley	12	6	-2.25	Jz	1	0.7	0.8	0.5	2.6	400	0	56.35	2.5	5.06	0.00000035	2.5	200	3	4.91	3.47	1.35	Tr/Kgr	4	4	4
FF	Valley	12	7	-1.75	Tv	1	0.4	0.7	0.6	2.4	75	0	43.61	2.5	6.61	0.0000005	2.5	175	3	4.75	3.43	1.92	Tr/Kgr	4	4	4
FF	Valley	12	8	-1.25	Q	2	0	0.5	0.7	1.3	1	0	31.85	2.5	8.89	6.68E-06	2.5	175	3	4.60	3.30	2.69	Tbf	4	2	4
FF	Valley	12	9	-0.75	Q	3	0	0.5	0.8	1.3	1	0	25.48	2.5	12.12	0.00000086	2.5	150	3	4.53	3.14	3.11	Tbf	5	2	5
FF	Valley	12	10	-0.25	Q	4	0	0.5	0.8	1.3	1	0	19.11	2.5	16.60	1.082E-05	2.5	125	3	4.20	2.98	3.39	Tbf	5	3	5
FF	Valley	12	11	0.25	Q	4	0	0.5	0.8	1.3	1	0	12.74	2.5	22.60	0.0000134	2.5	100	3	3.52	2.68	3.65	Tbf	5	1	5
FF	Valley	12	12	0.75	Q	5	0	0.5	0.9	1.3	1	0	6.37	2.5	30.28	0.0000163	2.5	50	3	2.54	1.66	3.82	Tbf	5	10	5
FF		12	13	1.25			0	0	1	0	0	0	0	2.5	39.52	0.0000196	2.5	0								
FF	Valley	13	3	-3.75	Tr	1	0.4	0.6	0.6	2.4	30	0	91.63	2.5	5.46	-1.14E-07	2.5	200	2	5.20	3.49	1.04	Tr/Kgr	4		
FF	Valley	13	4	-3.25	Tr	1	0.4	0.6	0.6	2.4	30	0	79.87	2.5	5.88	1.28E-06	2.5	200	2	5.11	3.49	1.14	Tr/Kgr	4		
FF	Valley	13	5	-2.75	Tr	1	0.4	0.6	0.6	2.4	30	0	68.11	2.5	6.64	2.74E-06	2.5	200	2	5.01	3.48	1.24	Tr/Kgr	4	5	4
FF	Valley	13	6	-2.25	Jz	1	0.7	0.8	0.6	2.6	400	0	56.35	2.5	7.82	4.29E-06	2.5	200	2	4.91	3.47	1.33	Tr/Kgr	4	3	4
FF	Valley	13	7	-1.75	Tv	1	0.4	0.7	0.6	2.4	75	0	43.61	2.5	9.51	5.96E-06	2.5	175	2	4.74	3.43	1.87	Tr/Kgr	4	3	4
FF	Valley	13	8	-1.25	Q	2	0	0.5	0.7	1.3	1	0	31.85	2.5	11.83	0.00000078	2.5	150	2	4.59	3.30	2.60	Tbf	4	2	4
FF	Valley	13	9	-0.75	Q	3	0	0.5	0.8	1.3	1	0	25.48	2.5	14.93	9.85E-06	2.5	125	2	4.50	3.14	3.00	Tbf	5	2	5
FF	Valley	13	10	-0.25	Q	4	0	0.5	0.8	1.3	1	0	19.11	2.5	18.97	1.215E-05	2.5	125	2	4.11	2.98	3.24	Tbf	5	3	5
FF	Valley	13	11	0.25	Q	4	0	0.5	0.8	1.3	1	0	12.74	2.5	24.05	1.472E-05	2.5	100	2	3.41	2.68	3.50	Tbf	5	1	5
FF	Valley	13	12	0.75	Q	5	0	0.5	0.9	1.3	1	0	6.37	2.5	30.20	0.0000176	2.5	50	2	2.49	1.66	3.69	Tbf	5	10	5
FF		13	13	1.25			0	0	1	0	0	0	0	2.5	37.24	0.0000207	2.5	0								



Dixie Valley Cross-Sectional Data (continued)

1	2	3			4		5	6	7	8	9	10	11		12			13		14			15		16	
Cross-Section	Do-main	Location			Lithology		Assigned Parameters: Lithology					Stress Parameters			Coulomb Stress Parameters			Temperature		Seismic Parameters			Gravity-Magnetics		MT (Resistivity)	
		X	Z	Ele-vation	Fm	TV	EGS-Fav	Frict-ion	Certain-ty	Densi-ty	Strength	Frac-Intens	Vert-Stress	TV	CSC	Dilatation	TV	° C	TV	Vp	Vs	TV	Lithology	TV	ohm-m	TV
FF	Valley	14	3	-3.75	Tr	1	0.4	0.6	0.7	2.4	30	0.2	91.63	2.5	7.03	1.04E-07	2.5	200	1	5.14	3.49	0.88	Tr/Kgr	4		
FF	Valley	14	4	-3.25	Tr	1	0.4	0.6	0.7	2.4	30	0.1	79.87	2.5	7.64	1.66E-06	2.5	200	1	5.04	3.49	0.96	Tr/Kgr	4		
FF	Valley	14	5	-2.75	Tr	1	0.4	0.6	0.7	2.4	30	0	68.11	2.5	8.57	3.28E-06	2.5	200	1	4.94	3.48	1.04	Tr/Kgr	4	10	4
FF	Valley	14	7	-1.75	Tv	1	0.4	0.7	0.7	2.4	75	0	43.61	2.5	11.67	6.78E-06	2.5	175	2	4.68	3.43	1.60	Tr/Kgr	4	5	4
FF	Valley	14	7	-1.75	Tv	1	0.4	0.7	0.7	2.4	75	0	43.61	2.5	11.67	6.78E-06	2.5	175	2	4.68	3.43	1.60	Tr/Kgr	4	5	4
FF	Valley	14	8	-1.25	Q	2	0	0.5	0.7	1.3	1	0	31.85	2.5	14.00	8.74E-06	2.5	150	2	4.54	3.30	2.28	Tr/Kgr	4	3	4
FF	Valley	14	9	-0.75	Q	3	0	0.5	0.8	1.3	1	0	25.48	2.5	16.98	0.0000109	2.5	125	2	4.47	3.14	2.70	Tbf	5	3	5
FF	Valley	14	10	-0.25	Q	4	0	0.5	0.8	1.3	1	0	19.11	2.5	20.69	0.0000132	2.5	125	2	4.12	2.98	2.98	Tbf	5	3	5
FF	Valley	14	11	0.25	Q	4	0	0.5	0.8	1.3	1	0	12.74	2.5	25.18	0.0000158	2.5	50	2	3.39	2.68	3.29	Tbf	5	1	5
FF	Valley	14	12	0.75	Q	5	0	0.5	0.9	1.3	1	0	6.37	2.5	30.42	0.0000186	2.5	50	2	2.47	1.66	3.51	Tbf	5	10	5
FF		14	13	1.25			0	0	1	0	0	0	0	2.5	36.29	0.0000216	2.5	0								
FF	Valley	15	3	-3.75	Kgr	1	0.8	1.4	0.7	2.5	230	0	98	2.5	8.32	3.25E-07	2.5	200	1	5.09	3.49	0.60	Tr/Kgr	4		
FF	Valley	15	4	-3.25	Kgr	1	0.8	1.4	0.8	2.5	230	0.1	85.75	2.5	9.08	2.02E-06	2.5	200	1	4.98	3.49	0.66	Tr/Kgr	4		
FF	Valley	15	5	-2.75	Kgr	1	0.8	1.4	0.8	2.5	230	0.2	73.5	2.5	10.14	3.75E-06	2.5	200	1	4.87	3.48	0.71	Tr/Kgr	4	20	4
FF	Valley	15	6	-2.25	Tr	1	0.4	0.6	0.8	2.4	30	0.2	61.25	2.5	11.56	5.57E-06	2.5	175	1	4.76	3.47	0.77	Tr/Kgr	4	20	4
FF	Valley	15	7	-1.75	Tv	1	0.4	0.7	0.8	2.4	75	0.2	49.49	2.5	13.39	7.48E-06	2.5	175	1	4.63	3.43	1.19	Tr/Kgr	4	10	4
FF	Valley	15	8	-1.25	Tmb	2	0.6	0.7	0.8	2.5	100	0.2	37.73	2.5	15.72	9.52E-06	2.5	150	1	4.54	3.30	1.89	Tr/Kgr	4	6	4
FF	Valley	15	9	-0.75	Q	3	0	0.5	0.8	1.3	1	0	25.48	2.5	18.58	0.0000117	2.5	125	1	4.52	3.14	2.43	Tr/Kgr	5	5	5
FF	Valley	15	10	-0.25	Q	4	0	0.5	0.8	1.3	1	0	19.11	2.5	22.05	1.409E-05	2.5	100	1	4.15	2.98	2.80	Tbf	5	5	5
FF	Valley	15	11	0.25	Q	4	0	0.5	0.8	1.3	1	0	12.74	2.5	26.13	0.0000167	2.5	50	1	3.35	2.68	3.15	Tbf	5	2	5
FF	Valley	15	12	0.75	Q	5	0	0.5	0.9	1.3	1	0	6.37	2.5	30.81	0.0000194	2.5	50	1	2.44	1.66	3.35	Tbf	5	10	5
FF		15	13	1.25			0	0	1	0	0	0	0	2.5	36.00	0.0000224	2.5	0								
FF	Valley	16	3	-3.75	Kgr	1	0.8	1.4	0.7	2.5	230	0	104.86	2.5	9.39	5.56E-07	2.5	200	1	5.09	3.49	0.61	Tr/Kgr	4		
FF	Valley	16	4	-3.25	Kgr	1	0.8	1.4	0.8	2.5	230	0	92.61	2.5	10.27	2.35E-06	2.5	200	1	4.98	3.49	0.67	Tr/Kgr	4		
FF	Valley	16	5	-2.75	Kgr	1	0.8	1.4	0.9	2.5	230	0	80.36	2.5	11.44	4.18E-06	2.5	175	1	4.87	3.48	0.73	Tr/Kgr	4	40	4
FF	Valley	16	6	-2.25	Tr	1	0.4	0.6	0.9	2.4	30	0	68.11	2.5	12.93	6.08E-06	2.5	175	1	4.76	3.47	0.78	Tr/Kgr	4	40	4
FF	Valley	16	7	-1.75	Tr	1	0.4	0.6	0.9	2.4	30	0	56.35	2.5	14.80	8.08E-06	2.5	250	1	4.63	3.43	1.20	Tr/Kgr	4	40	4
FF	Valley	16	8	-1.25	Jz	2	0.7	0.8	0.9	2.6	400	0.1	44.59	2.5	17.10	1.018E-05	2.5	150	1	4.53	3.30	1.88	Tr/Kgr	4	10	4
FF	Valley	16	9	-0.75	Jz	3	0.7	0.8	0.9	2.6	400	0.3	31.85	2.5	19.88	1.242E-05	2.5	125	1	4.51	3.14	2.38	Tr/Kgr	5	10	5
FF	Valley	16	10	-0.25	Q	4	0	0.5	0.9	1.3	1	0.4	19.11	2.5	23.16	0.0000148	2.5	100	1	4.14	2.98	2.72	Jg	5	8	5
FF	Valley	16	11	0.25	Q	4	0	0.5	0.9	1.3	1	0.4	12.74	2.5	26.96	0.0000174	2.5	50	1	3.38	2.68	3.07	Tbf	5	2	5
FF	Valley	16	12	0.75	Q	5	0	0.5	0.9	1.3	1	0.3	6.37	2.5	31.27	0.0000201	2.5	50	1	2.46	1.66	3.27	Tbf	5	8	5
FF		16	13	1.25			0	0	1	0	0	0	0	2.5	36.05	0.0000231	2.5	0								
FF	Valley	17	3	-3.75	Kgr	1	0.8	1.4	0.7	2.5	230	0.2	103.88	2.5	10.27	7.96E-07	2.5	200	1	5.09	3.49	0.61	Tr/Kgr	4		
FF	Valley	17	4	-3.25	Kgr	1	0.8	1.4	0.8	2.5	230	0.2	91.63	2.5	11.26	2.67E-06	2.5	200	1	4.98	3.49	0.67	Tr/Kgr	4		
FF	Valley	17	5	-2.75	Kgr	1	0.8	1.4	0.8	2.5	230	0.1	79.38	2.5	12.51	4.57E-06	2.5	175	1	4.87	3.48	0.73	Tr/Kgr	4	80	4
FF	Valley	17	6	-2.25	Tr	1	0.4	0.6	0.8	2.4	30	0	67.13	2.5	14.06	6.54E-06	2.5	175	1	4.76	3.47	0.78	Tr/Kgr	4	80	4
FF	Valley	17	7	-1.75	Tr	1	0.4	0.6	0.8	2.4	30	0	55.37	2.5	15.96	8.59E-06	2.5	150	1	4.63	3.43	1.21	Tr/Kgr	4	60	4
FF	Valley	17	8	-1.25	Tr	2	0.4	0.6	0.8	2.4	30	0	43.61	2.5	18.24	0.0000107	2.5	125	1	4.54	3.30	1.90	Tr/Kgr	4	50	4
FF	Valley	17	9	-0.75	Jz	3	0.7	0.8	0.8	2.6	400	0	31.85	2.5	20.94	0.000013	2.5	125	1	4.52	3.14	2.42	Tr/Kgr	5	40	5
FF	Valley	17	10	-0.25	Q	4	0	0.5	0.8	1.3	1	0	19.11	2.5	24.08	0.0000154	2.5	100	1	4.13	2.98	2.77	Tr/Kgr	5	10	5
FF	Valley	17	11	0.25	Q	4	0	0.5	0.8	1.3	1	0	12.74	2.5	27.68	0.000018	2.5	50	1	3.26	2.68	3.10	Tbf	5	2	5
FF	Valley	17	12	0.75	Q	5	0	0.5	0.9	1.3	1	0.2	6.37	2.5	31.73	0.0000207	2.5	50	1	2.35	1.66	3.28	Tbf	5	12	5
FF		17	13	1.25			0	0	1	0	0	0	0	2.5	36.22	0.0000236	2.5	0								



Dixie Valley Cross-Sectional Data (continued)

1	2	3			4		5	6	7	8	9	10	11		12			13		14			15		16	
Cross-Section	Do-main	Location			Lithology		Assigned Parameters: Lithology					Stress Parameters			Coulomb Stress Parameters			Temperature		Seismic Parameters			Gravity-Magnetics		MT (Resistivity)	
		X	Z	Ele-vation	Fm	TV	EGS-Fav	Frict-ion	Certain-ty	Densi-ty	Strength	Frac-Intens	Vert-Stress	TV	CSC	Dilatation	TV	° C	TV	Vp	Vs	TV	Lithology	TV	ohm-m	TV
FF	Valley	18	3	-3.75	Kgr	1	0.8	1.4	0.7	2.5	230	0	110.74	2.5	10.97	1.05E-06	2.5	200	1	5.11	3.49	0.63	Tr/Kgr	4		
FF	Valley	18	4	-3.25	Kgr	1	0.8	1.4	0.7	2.5	230	0	98.49	2.5	12.06	2.97E-06	2.5	175	1	5.00	3.49	0.69	Tr/Kgr	4		
FF	Valley	18	5	-2.75	Kgr	1	0.8	1.4	0.7	2.5	230	0.1	86.24	2.5	13.39	4.92E-06	2.5	175	1	4.89	3.48	0.75	Tr/Kgr	4	80	4
FF	Valley	18	6	-2.25	Kgr	1	0.8	1.4	0.7	2.5	230	0.2	73.99	2.5	14.99	6.94E-06	2.5	175	1	4.78	3.47	0.80	Tr/Kgr	4	90	4
FF	Valley	18	7	-1.75	Tr	1	0.4	0.6	0.7	2.4	30	0.2	61.74	2.5	16.91	9.02E-06	2.5	150	1	4.65	3.43	1.23	Tr/Kgr	4	80	4
FF	Valley	18	8	-1.25	Tr	2	0.4	0.6	0.7	2.4	30	0.2	49.98	2.5	19.17	0.0000112	2.5	125	1	4.56	3.30	1.92	Tr/Kgr	4	80	4
FF	Valley	18	9	-0.75	Jz	3	0.7	0.8	0.7	2.6	400	0.2	38.22	2.5	21.80	0.0000135	2.5	125	1	4.54	3.14	2.42	Tr/Kgr	5	80	5
FF	Valley	18	10	-0.25	Jz	4	0.7	0.8	0.7	2.6	400	0.2	25.48	2.5	24.83	0.0000159	2.5	100	1	4.12	2.98	2.74	Tr/Kgr	5	30	5
FF	Valley	18	11	0.25	Q	4	0	0.5	0.8	1.3	1	0.1	12.74	2.5	28.27	0.0000184	2.5	50	1	3.17	2.68	3.04	Tbf	5	3	5
FF	Valley	18	12	0.75	Q	5	0	0.5	0.9	1.3	1	0	6.37	2.5	32.12	2.115E-05	2.5	50	1	2.26	1.66	3.19	Tbf	5	15	5
FF		18	13	1.25			0	0	1	0	0	0	0	2.5	36.40	2.402E-05	2.5	0								