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Supplemental Information for

Permeability structure of the Columbia River Plateau and implications for fluid system architecture in continental large igneous provinces

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DATA SOURCES

For this study, a database of spatially referenced permeability values are compiled from previously published well data within the Columbia River Basalt Group (*Reidel et al.*, 2002; *Spane*, 2013; *Burns et al.*, 2015). The database consists of 598 individual wells with hydrologic data comprising, hydraulic conductivity (K), transmissivity (T), or permeability (k), as well as geographic location, center interval depth, and estimated temperature, viscosity (μ), and water density (ρ). In addition, numerous wells include multiple test intervals, and, as a result, the complete database comprises 874 records (note: 874 records is the full unfiltered dataset). It should be noted that the center interval depth represents the depth utilized by *Burns et al.* (2015) and represents the middle of the testing interval reported from *Reidel et al.* (2002) and *Spane* (2013). For this study, K is converted to permeability using the relationship $k = (K\mu)/(\rho g)$, and T is converted to permeability as $k = (T\mu)/(\rho g b)$, where μ, ρ, g, and b are water viscosity, water density, gravitational acceleration, and open well interval, respectively. In *Burns et al.* (2015), the authors adopt a convention in which *b* is either the open well interval or 30 m (which ever is greater). This convention is based on the idea that a typical CRBG basalt flow thickness is ~30 m. The present study adopts this convention in order to maintain consistency with the substantial CRBG permeability database already reported by *Burns et al.* (2015). *Burns et al.* (2015) utilizes hydrologic data from both *Kahle et al.* (2011) and *Spane* (2013). To keep consistency and remove any redundant entries two measures were taken. First, only the data compiled by *Burns et al.* (2015) from *Kahle et al.* (2011) are used. The data from *Spane* (2013) is used as a test to ensure consistencies, by testing the conversion of hydrologic data to bulk permeability in this study to the converted bulk permeabilities in *Burns et al.* (2015). To test the consistency between the *Burns et al*. (2015) and this study, the percent error was calculated using *% error = ((experimental – theoretical)/theoretical) *100,* where the experimental value is log bulk permeability from this study and theoretical value is log bulk permeability from *Burns et al.* (2015). This comparison between 42 bulk permeability values results in an average difference of 0.7% between this study and *Burns et al.* (2015), which gives confidence in the consistency of the tabulated data. Second, to check for redundancy within the database a shell script was used to filter the entire database on unique combinations of Easting, Northing, and center interval depth. This results in 874 unique spatial locations (x, y, and z) of permeability values. In order to account for thermal effects on water properties, the temperature for each open well interval where temperature is not reported was estimated by using the regional heat flux of ~65 mW/m^2 (*Pollack et al.*, 1993). In addition, all geospatial locations are converted to Universal Transverse Mercator coordinates using the Geospatial Data Abstraction Library.

SEMIVARIOGRAM ANALYSIS

The spatial variability of CRBG scalar permeability as a function of distance is calculated using the experimental semivariogram, which is a two-point measure of spatial autocorrelation. The experimental semivariogram is defined mathematically as,

$$\gamma(h) = \frac{1}{2N(h)}\sum_{i=1}^{N(h)}(z_i - z_{i+h})^2, \qquad (1)$$

where $N(h)$ is the total number of data pairs separated by a spatial lag distance (h), and z_i and z_{i+h} are the head and tail values of each data pair, respectively (*Deutsch and Journel*, 1998). Owing to the large range of permeabilities within the database, a logarithmic (base 10) transform is applied to the permeability data, which results in a lognormal permeability distribution. In order to search for horizontal anisotropy in the spatial distribution of bulk permeability values, a 2-D semivariogram map is developed using Geostatistical Software Library™ (GSLIB; Deutsch and Journel, 1998). A semivariogram map is a way to quantify $\gamma(h)$ in all horizontal directions and for all lag distances (Fig. S1). This allows the directions of minimum and maximum spatial continuity to be determined in the horizontal plane. The directions of minimum and maximum spatial continuity are then used to calculate directional semivariograms. In order to calculate directional horizontal semivariograms Equation 1 is implemented by narrowing the search window for data pairs. In order to narrow the search window the experimental semivariogram values are calculated between pairs of points along an azimuth defined by the directions of maximum and minimum continuity, 40° and 130° respectively. To narrow the search window in these directions additional parameters must be defined. The azimuth tolerance defines the maximum and minimum search azimuth. For example, The direction of maximum continuity is 40° and the azimuth tolerance chosen for this study is 45°, this means the full search window for data pairs is from 355°

to 85°. Additionally, an azimuth bandwidth must be defined, which restricts the amount of deviation from the azimuth is allowed while searching for data pairs. For this study an azimuth bandwidth of 25km is chosen. The azimuth tolerance and bandwidth control the swath of data for which the calculations are done, by increasing or decreasing these values effects the number of data points involved in each calculation for a given lag distance. Defining an azimuth, azimuth tolerance, and azimuth bandwidth changes the search pattern from a circular (isotropic) pattern to an angular band. Using an angular band to calculate the two horizontal semivariograms orthogonal to one another is a way to quantify both the spatial correlation of permeability values in those directions and also the spatial anisotropy of permeability values within the CRBG. For horizontal semivariogram calculations, multiple permeability values within a single well present a unique challenge because collocated data are known to increase the uncertainty at short lag distances. To address this challenge, the arithmetic mean of permeability is taken within wells that have multiple testing intervals. This method has shown to be a suitable method for aggregating collocated data (*Desbarats and Bachu,* 1994). Once the experimental semivariograms are calculated, each semivariogram can be fit with a linear combination of *a priori* permissible functions, e.g., spherical, exponential, Gaussian, hole effect, or power law (*Deutsch and Journel*, 1998).t The models that are fit to the semivariogram can be fully characterized by: (1) the nugget effect, which represents spatial variability at a lower resolution than the defined lag distance; (2) the sill, which represents the variance of the dataset and once the semivariogram oscillates around the sill, the data is considered to be spatially random; and (3) the range, which is the distance at which spatial correlation can be inferred. In order to compare the semivariogram calculations for different directions, each experimental semivariogram is normalized over its respective variance so that the sill (variance) in each direction is one. By fitting each experimental semivariogram with a linear combination of permissible functions, a 3-D model of spatial autocorrelation for CRBG permeability is constructed as shown by Figure 2B-D.

FIGURE

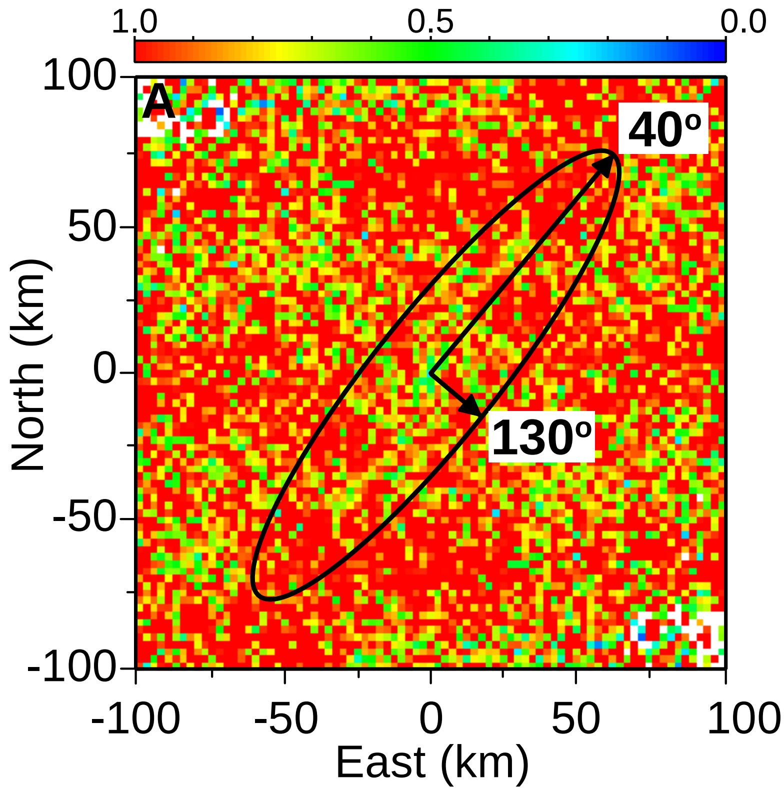

Figure S1. Two-dimensional (2-D) semivariogram map of CRBG permeability over a 2.5 km grid. Axes refer to North and East directions in kilometers, which are representative of lag distance *γ(h)*, as shown in Equation 1. Black arrows denote directions of maximum and minimum horizontal spatial correlation within ellipse scaled to reflect the anisotropic 2-D horizontal correlation structure.

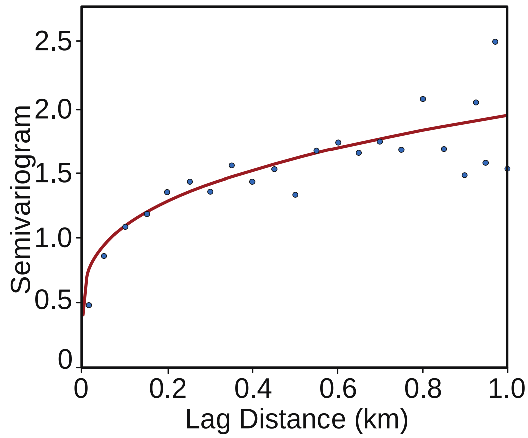

Figure S1. Vertical semivariogram for Columbia River Basalt (CRBG) permeability.

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Well ID	Easting	Northing	Center Interval Depth (m)	T(m^2/d)	K (ft/d)	K (m/s)	Est. T (C°)	Viscosity (kg/(m*s))	Density (kg/m^3)	Bulk Perm. (m^2)	log perm	Source
1	169708	5041533	310		1.22E+00	4.30E-06	17.0	1.08E-03	9.99E+02	4.74E-14	-13.32	Burns et al., 2015
2	181029	5044474	177		4.31E+01	1.52E-04	16.6	1.09E-03	9.99E+02	1.69E-12	-11.77	Burns et al., 2015
3	369635	5056461	297		4.59E+02	1.62E-03	21.5	9.66E-04	9.98E+02	1.60E-11	-10.80	Burns et al., 2015
4	377921	5069352	526		6.67E+00	2.35E-05	29.1	8.13E-04	9.96E+02	1.96E-13	-12.71	Burns et al., 2015
5	362311	5074804	107		5.82E-01	2.05E-06	15.1	1.14E-03	9.99E+02	2.38E-14	-13.62	Burns et al., 2015
6	374824	5078645	198		6.52E-01	2.30E-06	18.3	1.05E-03	9.99E+02	2.46E-14	-13.61	Burns et al., 2015
7	383580	5073875	350		2.56E+01	9.03E-05	23.3	9.27E-04	9.98E+02	8.55E-13	-12.07	Burns et al., 2015
8	380733	5070656	500		1.10E+01	3.88E-05	28.3	8.28E-04	9.96E+02	3.29E-13	-12.48	Burns et al., 2015
9	312577	5024339	146		4.20E+00	1.48E-05	12.9	1.20E-03	9.99E+02	1.82E-13	-12.74	Burns et al., 2015
10	299227	5011375	88		5.36E+01	1.89E-04	10.9	1.27E-03	1.00E+03	2.45E-12	-11.61	Burns et al., 2015
11	291190	5071939	95		3.35E+01	1.18E-04	18.3	1.04E-03	9.99E+02	1.26E-12	-11.90	Burns et al., 2015
12	281718	5085397	83		4.49E+01	1.58E-04	18.1	1.05E-03	9.99E+02	1.70E-12	-11.77	Burns et al., 2015
13	285351	5083138	121		1.16E+02	4.07E-04	19.0	1.03E-03	9.98E+02	4.28E-12	-11.37	Burns et al., 2015
14	299927	5090713	117		3.56E-01	1.26E-06	18.9	1.03E-03	9.98E+02	1.32E-14	-13.88	Burns et al., 2015
15	298357	5092155	305		1.97E+02	6.94E-04	23.2	9.29E-04	9.98E+02	6.59E-12	-11.18	Burns et al., 2015
16	313091	5089158	113		8.86E+00	3.12E-05	18.8	1.03E-03	9.98E+02	3.29E-13	-12.48	Burns et al., 2015
17	301856	5097757	293		2.26E+03	7.97E-03	22.9	9.36E-04	9.98E+02	7.62E-11	-10.12	Burns et al., 2015
18	296068	5103074	302		5.45E+02	1.92E-03	23.1	9.31E-04	9.98E+02	1.83E-11	-10.74	Burns et al., 2015
19	208522	5043353	184		2.40E+01	8.46E-05	15.1	1.13E-03	9.99E+02	9.78E-13	-12.01	Burns et al., 2015
20	217694	5042222	82		3.29E+01	1.16E-04	12.2	1.22E-03	1.00E+03	1.45E-12	-11.84	Burns et al., 2015
21	221425	5041004	93		1.22E+00	4.29E-06	12.5	1.21E-03	9.99E+02	5.31E-14	-13.27	Burns et al., 2015
22	204073	5030633	158		5.18E+01	1.83E-04	14.4	1.16E-03	9.99E+02	2.15E-12	-11.67	Burns et al., 2015
23	200961	5023852	90		1.88E+01	6.63E-05	12.5	1.22E-03	9.99E+02	8.22E-13	-12.09	Burns et al., 2015
24	178045	5058365	202		2.91E+01	1.03E-04	17.1	1.08E-03	9.99E+02	1.13E-12	-11.95	Burns et al., 2015
25	177338	5058556	117		4.51E+02	1.59E-03	16.1	1.10E-03	9.99E+02	1.79E-11	-10.75	Burns et al., 2015
26	173647	5050672	325		5.47E-01	1.93E-06	18.4	1.04E-03	9.99E+02	2.05E-14	-13.69	Burns et al., 2015
27	310282	5054956	131		3.48E+01	1.23E-04	20.1	1.00E-03	9.98E+02	1.25E-12	-11.90	Burns et al., 2015
28	384329	5087383	191		5.05E+00	1.78E-05	16.6	1.09E-03	9.99E+02	1.98E-13	-12.70	Burns et al., 2015
29	393911	5084618	320		4.66E+01	1.64E-04	21.2	9.75E-04	9.98E+02	1.64E-12	-11.79	Burns et al., 2015
30	397146	5083452	31		4.41E+01	1.55E-04	12.1	1.23E-03	1.00E+03	1.95E-12	-11.71	Burns et al., 2015
31	397275	5083419	125		5.42E+00	1.91E-05	14.3	1.16E-03	9.99E+02	2.26E-13	-12.65	Burns et al., 2015

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32	379657	5091918	337		1.59E+02	5.62E-04	21.7	9.62E-04	9.98E+02	5.52E-12	-11.26	Burns et al., 2015
33	391194	5091827	303		2.20E+02	7.77E-04	20.6	9.88E-04	9.98E+02	7.84E-12	-11.11	Burns et al., 2015
34	394303	5089890	219		1.60E+02	5.64E-04	17.7	1.06E-03	9.99E+02	6.11E-12	-11.21	Burns et al., 2015
35	271664	5047133	107		1.98E-01	6.98E-07	16.4	1.10E-03	9.99E+02	7.81E-15	-14.11	Burns et al., 2015
36	274021	5042628	58		1.47E+02	5.19E-04	15.5	1.12E-03	9.99E+02	5.95E-12	-11.23	Burns et al., 2015
37	280726	5042360	145		2.01E+01	7.08E-05	17.2	1.07E-03	9.99E+02	7.76E-13	-12.11	Burns et al., 2015
38	283307	5040972	145		3.33E+01	1.18E-04	17.2	1.07E-03	9.99E+02	1.29E-12	-11.89	Burns et al., 2015
39	297462	5027772	389		2.14E+00	7.54E-06	22.0	9.56E-04	9.98E+02	7.36E-14	-13.13	Burns et al., 2015
40	322531	5063491	552		2.35E+02	8.27E-04	24.0	9.12E-04	9.97E+02	7.71E-12	-11.11	Burns et al., 2015
41	330102	5068128	391		1.88E+02	6.62E-04	23.6	9.19E-04	9.97E+02	6.21E-12	-11.21	Burns et al., 2015
42	314337	5073892	44		9.68E+01	3.41E-04	17.5	1.07E-03	9.99E+02	3.72E-12	-11.43	Burns et al., 2015
43	328734	5077339	366		5.90E+00	2.08E-05	23.6	9.20E-04	9.97E+02	1.96E-13	-12.71	Burns et al., 2015
44	317513	5090014	170		6.08E+03	2.14E-02	23.0	9.33E-04	9.98E+02	2.04E-10	-9.69	Burns et al., 2015
45	319354	5085172	76		4.79E+00	1.69E-05	19.8	1.01E-03	9.98E+02	1.74E-13	-12.76	Burns et al., 2015
46	318823	5082501	101		1.18E+00	4.17E-06	21.2	9.74E-04	9.98E+02	4.15E-14	-13.38	Burns et al., 2015
47	201018	5019984	52		2.83E+01	9.99E-05	13.3	1.19E-03	9.99E+02	1.21E-12	-11.92	Burns et al., 2015
48	209239	5022105	130		1.18E+01	4.15E-05	16.7	1.09E-03	9.99E+02	4.61E-13	-12.34	Burns et al., 2015
49	193901	5015994	217		7.31E+01	2.58E-04	20.5	9.90E-04	9.98E+02	2.61E-12	-11.58	Burns et al., 2015
50	254996	5054624	331		3.20E+00	1.13E-05	22.8	9.38E-04	9.98E+02	1.08E-13	-12.97	Burns et al., 2015
51	254787	5053149	150		1.21E+05	4.26E-01	14.6	1.15E-03	9.99E+02	4.99E-09	-8.30	Burns et al., 2015
52	254993	5051781	333		2.05E+00	7.24E-06	22.9	9.35E-04	9.98E+02	6.92E-14	-13.16	Burns et al., 2015
53	252802	5050167	380		1.05E+01	3.69E-05	25.5	8.81E-04	9.97E+02	3.33E-13	-12.48	Burns et al., 2015
54	252962	5049264	312		8.46E-01	2.98E-06	21.7	9.62E-04	9.98E+02	2.93E-14	-13.53	Burns et al., 2015
55	247285	5047946	248		6.87E+00	2.42E-05	18.2	1.05E-03	9.99E+02	2.60E-13	-12.59	Burns et al., 2015
56	246700	5048526	197		7.37E+00	2.60E-05	15.7	1.12E-03	9.99E+02	2.96E-13	-12.53	Burns et al., 2015
57	244014	5039671	114		4.32E+01	1.52E-04	13.9	1.17E-03	9.99E+02	1.82E-12	-11.74	Burns et al., 2015
58	243219	5038312	145		2.51E+01	8.84E-05	14.5	1.15E-03	9.99E+02	1.04E-12	-11.98	Burns et al., 2015
59	245926	5057274	189		1.47E+02	5.17E-04	15.5	1.12E-03	9.99E+02	5.92E-12	-11.23	Burns et al., 2015
60	241821	5058184	305		2.26E+02	7.97E-04	21.3	9.71E-04	9.98E+02	7.90E-12	-11.10	Burns et al., 2015
61	247750	5057849	404		1.45E+01	5.12E-05	26.8	8.55E-04	9.97E+02	4.48E-13	-12.35	Burns et al., 2015
62	258628	5033962	61		8.72E+01	3.08E-04	12.8	1.21E-03	9.99E+02	3.78E-12	-11.42	Burns et al., 2015

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63	258822	5033923	68		2.55E+01	8.98E-05	12.9	1.20E-03	9.99E+02	1.10E-12	-11.96	Burns et al., 2015
64	259735	5032188	120		4.37E+01	1.54E-04	14.0	1.17E-03	9.99E+02	1.83E-12	-11.74	Burns et al., 2015
65	261539	5029246	113		1.75E+01	6.18E-05	13.9	1.17E-03	9.99E+02	7.39E-13	-12.13	Burns et al., 2015
66	261957	5028179	213		1.22E+01	4.30E-05	16.2	1.10E-03	9.99E+02	4.84E-13	-12.32	Burns et al., 2015
67	238661	5021251	232		2.65E-01	9.35E-07	17.3	1.07E-03	9.99E+02	1.02E-14	-13.99	Burns et al., 2015
68	247503	4998947	177		2.15E+01	7.58E-05	15.2	1.13E-03	9.99E+02	8.75E-13	-12.06	Burns et al., 2015
69	283411	5118710	189		1.97E+02	6.94E-04	22.3	9.48E-04	9.98E+02	6.72E-12	-11.17	Burns et al., 2015
70	283298	5130642	98		1.06E+03	3.73E-03	18.2	1.05E-03	9.99E+02	3.99E-11	-10.40	Burns et al., 2015
71	289822	5130383	366		3.40E+02	1.20E-03	44.0	6.04E-04	9.91E+02	7.46E-12	-11.13	Burns et al., 2015
72	289059	5126268	163		1.12E+02	3.96E-04	20.7	9.84E-04	9.98E+02	3.98E-12	-11.40	Burns et al., 2015
73	278145	5132681	284		1.36E+03	4.80E-03	33.6	7.39E-04	9.95E+02	3.63E-11	-10.44	Burns et al., 2015
74	394303	5103690	494		6.66E+01	2.35E-04	33.3	7.44E-04	9.95E+02	1.79E-12	-11.75	Burns et al., 2015
75	394873	5103063	471		1.05E+03	3.69E-03	31.9	7.65E-04	9.95E+02	2.89E-11	-10.54	Burns et al., 2015
76	209979	5085252	45		3.63E+01	1.28E-04	13.4	1.19E-03	9.99E+02	1.55E-12	-11.81	Burns et al., 2015
77	222722	5084174	125		8.80E-02	3.10E-07	16.2	1.10E-03	9.99E+02	3.49E-15	-14.46	Burns et al., 2015
78	220937	5081966	107		1.28E+00	4.50E-06	15.5	1.12E-03	9.99E+02	5.15E-14	-13.29	Burns et al., 2015
79	211819	5089496	87		7.22E-01	2.55E-06	14.8	1.14E-03	9.99E+02	2.97E-14	-13.53	Burns et al., 2015
80	337998	5158440	95		8.38E-01	2.96E-06	18.9	1.03E-03	9.98E+02	3.11E-14	-13.51	Burns et al., 2015
81	340918	5158486	139		1.62E+00	5.72E-06	21.1	9.75E-04	9.98E+02	5.70E-14	-13.24	Burns et al., 2015
82	339526	5153396	42		3.92E+00	1.38E-05	15.7	1.12E-03	9.99E+02	1.57E-13	-12.80	Burns et al., 2015
83	342010	5152991	64		4.31E-01	1.52E-06	16.9	1.08E-03	9.99E+02	1.68E-14	-13.77	Burns et al., 2015
84	331464	5166341	138		2.97E+02	1.05E-03	21.1	9.76E-04	9.98E+02	1.04E-11	-10.98	Burns et al., 2015
85	335769	5161867	53		1.07E+02	3.76E-04	16.3	1.10E-03	9.99E+02	4.21E-12	-11.38	Burns et al., 2015
86	333342	5158814	56		7.82E+01	2.76E-04	16.4	1.10E-03	9.99E+02	3.09E-12	-11.51	Burns et al., 2015
87	353764	5159397	400		1.62E+01	5.73E-05	26.0	8.71E-04	9.97E+02	5.10E-13	-12.29	Burns et al., 2015
88	344677	5170434	116		3.86E+02	1.36E-03	20.0	1.00E-03	9.98E+02	1.39E-11	-10.86	Burns et al., 2015
89	332737	5137611	188		8.56E+00	3.02E-05	21.5	9.65E-04	9.98E+02	2.98E-13	-12.53	Burns et al., 2015
90	381097	5166486	207		9.99E+02	3.53E-03	15.2	1.13E-03	9.99E+02	4.06E-11	-10.39	Burns et al., 2015
91	396593	5161106	53		5.23E+02	1.85E-03	11.8	1.24E-03	1.00E+03	2.33E-11	-10.63	Burns et al., 2015
92	381903	5181508	155		5.89E+01	2.08E-04	15.2	1.13E-03	9.99E+02	2.40E-12	-11.62	Burns et al., 2015
93	401086	5178074	116		5.02E+01	1.77E-04	14.9	1.14E-03	9.99E+02	2.06E-12	-11.69	Burns et al., 2015

Well ID	Easting	Northing	Center Interval Depth (m)	T(m^2/d)	K (ft/d)	K (m/s)	Est. T (C°)	Viscosity (kg/(m*s))	Density (kg/m^3)	Bulk Perm. (m^2)	log perm	Source
94	384564	5189670	65		1.48E+02	5.23E-04	12.7	1.21E-03	9.99E+02	6.44E-12	-11.19	Burns et al., 2015
95	387717	5188375	189		5.58E+02	1.97E-03	15.2	1.13E-03	9.99E+02	2.27E-11	-10.64	Burns et al., 2015
96	377155	5204362	311		3.66E+01	1.29E-04	15.3	1.13E-03	9.99E+02	1.49E-12	-11.83	Burns et al., 2015
97	380444	5202936	127		9.72E+02	3.43E-03	15.1	1.14E-03	9.99E+02	3.97E-11	-10.40	Burns et al., 2015
98	400947	5200430	47		3.44E+02	1.21E-03	11.4	1.25E-03	1.00E+03	1.55E-11	-10.81	Burns et al., 2015
99	411859	5200629	230		6.60E+01	2.33E-04	15.3	1.13E-03	9.99E+02	2.68E-12	-11.57	Burns et al., 2015
100	380937	5206447	184		1.04E+03	3.65E-03	15.2	1.13E-03	9.99E+02	4.21E-11	-10.38	Burns et al., 2015
101	421055	5210195	35		2.57E+03	9.06E-03	10.5	1.28E-03	1.00E+03	1.19E-10	-9.93	Burns et al., 2015
102	436109	5212730	35		2.74E+02	9.65E-04	10.5	1.28E-03	1.00E+03	1.26E-11	-10.90	Burns et al., 2015
103	372883	5101718	335		4.16E+01	1.47E-04	32.8	7.51E-04	9.95E+02	1.13E-12	-11.95	Burns et al., 2015
104	364322	5099492	83		5.85E+00	2.07E-05	18.2	1.05E-03	9.99E+02	2.21E-13	-12.66	Burns et al., 2015
105	374419	5097981	312		1.70E+02	5.99E-04	32.2	7.61E-04	9.95E+02	4.67E-12	-11.33	Burns et al., 2015
106	366590	5096973	46		4.92E+02	1.73E-03	15.8	1.11E-03	9.99E+02	1.97E-11	-10.71	Burns et al., 2015
107	369571	5102652	107		1.42E+03	5.01E-03	19.8	1.01E-03	9.98E+02	5.15E-11	-10.29	Burns et al., 2015
108	370047	5101746	52		1.92E+01	6.77E-05	16.2	1.10E-03	9.99E+02	7.62E-13	-12.12	Burns et al., 2015
109	366787	5101106	329		2.00E+01	7.04E-05	32.7	7.53E-04	9.95E+02	5.43E-13	-12.26	Burns et al., 2015
110	265019	5155397	344		2.17E+02	7.64E-04	24.8	8.94E-04	9.97E+02	6.99E-12	-11.16	Burns et al., 2015
111	265087	5154961	276		4.18E+02	1.48E-03	22.6	9.42E-04	9.98E+02	1.42E-11	-10.85	Burns et al., 2015
112	274342	5156495	349		1.86E+03	6.57E-03	25.0	8.91E-04	9.97E+02	5.98E-11	-10.22	Burns et al., 2015
113	258963	5169422	41		8.87E+03	3.13E-02	14.8	1.14E-03	9.99E+02	3.65E-10	-9.44	Burns et al., 2015
114	321740	5129335	96		3.32E+00	1.17E-05	19.1	1.03E-03	9.98E+02	1.23E-13	-12.91	Burns et al., 2015
115	331422	5128721	72		2.84E+02	1.00E-03	18.9	1.03E-03	9.98E+02	1.05E-11	-10.98	Burns et al., 2015
116	330190	5120600	89		6.67E+01	2.35E-04	18.9	1.03E-03	9.98E+02	2.47E-12	-11.61	Burns et al., 2015
117	318700	5135819	118		4.36E+01	1.54E-04	19.1	1.02E-03	9.98E+02	1.61E-12	-11.79	Burns et al., 2015
118	332544	5135269	107		2.25E+01	7.92E-05	19.1	1.02E-03	9.98E+02	8.28E-13	-12.08	Burns et al., 2015
119	336678	5132284	40		3.62E+02	1.28E-03	18.9	1.03E-03	9.98E+02	1.34E-11	-10.87	Burns et al., 2015
120	217077	5135922	460		8.68E+01	3.06E-04	31.4	7.74E-04	9.95E+02	2.43E-12	-11.61	Burns et al., 2015
121	218296	5135401	215		6.57E+02	2.32E-03	21.5	9.66E-04	9.98E+02	2.29E-11	-10.64	Burns et al., 2015
122	211035	5146753	160		2.51E+01	8.85E-05	19.1	1.02E-03	9.98E+02	9.24E-13	-12.03	Burns et al., 2015
123	215263	5149770	306		5.22E+02	1.84E-03	25.3	8.84E-04	9.97E+02	1.66E-11	-10.78	Burns et al., 2015
124	223764	5153830	382		8.76E+00	3.09E-05	28.3	8.26E-04	9.96E+02	2.61E-13	-12.58	Burns et al., 2015

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125	234900	5157878	152		6.95E+02	2.45E-03	18.8	1.03E-03	9.98E+02	2.58E-11	-10.59	Burns et al., 2015
126	235756	5157439	162		3.62E+02	1.28E-03	19.2	1.02E-03	9.98E+02	1.33E-11	-10.88	Burns et al., 2015
127	236101	5155074	91		7.09E+00	2.50E-05	16.1	1.10E-03	9.99E+02	2.82E-13	-12.55	Burns et al., 2015
128	245094	5159202	296		3.27E+02	1.15E-03	24.9	8.92E-04	9.97E+02	1.05E-11	-10.98	Burns et al., 2015
129	249942	5157269	675		3.99E+01	1.41E-04	39.6	6.56E-04	9.92E+02	9.49E-13	-12.02	Burns et al., 2015
130	245585	5158192	420		1.48E+02	5.23E-04	29.8	8.00E-04	9.96E+02	4.28E-12	-11.37	Burns et al., 2015
131	242844	5155464	140		7.17E+01	2.53E-04	18.3	1.05E-03	9.99E+02	2.70E-12	-11.57	Burns et al., 2015
132	242908	5152957	168		1.81E+02	6.37E-04	19.5	1.01E-03	9.98E+02	6.60E-12	-11.18	Burns et al., 2015
133	316584	5119480	155		5.84E+01	2.06E-04	20.5	9.90E-04	9.98E+02	2.08E-12	-11.68	Burns et al., 2015
134	317782	5117930	133		4.84E+01	1.71E-04	19.6	1.01E-03	9.98E+02	1.76E-12	-11.75	Burns et al., 2015
135	319056	5129785	27		3.78E+02	1.33E-03	14.1	1.16E-03	9.99E+02	1.58E-11	-10.80	Burns et al., 2015
136	320272	5128205	108		9.09E+01	3.21E-04	18.6	1.04E-03	9.99E+02	3.39E-12	-11.47	Burns et al., 2015
137	320333	5126628	337		2.14E+02	7.56E-04	28.2	8.29E-04	9.96E+02	6.42E-12	-11.19	Burns et al., 2015
138	319102	5125583	82		1.19E+00	4.20E-06	17.6	1.06E-03	9.99E+02	4.57E-14	-13.34	Burns et al., 2015
139	318562	5123251	274		9.65E+01	3.40E-04	25.5	8.81E-04	9.97E+02	3.07E-12	-11.51	Burns et al., 2015
140	318560	5122479	244		1.18E+02	4.16E-04	24.1	9.08E-04	9.97E+02	3.86E-12	-11.41	Burns et al., 2015
141	326050	5120501	368		6.15E+01	2.17E-04	29.5	8.05E-04	9.96E+02	1.79E-12	-11.75	Burns et al., 2015
142	207569	5160035	246		2.21E+02	7.78E-04	17.4	1.07E-03	9.99E+02	8.49E-12	-11.07	Burns et al., 2015
143	202685	5161016	88		1.40E+02	4.93E-04	13.1	1.19E-03	9.99E+02	6.00E-12	-11.22	Burns et al., 2015
144	208629	5158561	314		1.33E+02	4.67E-04	19.7	1.01E-03	9.98E+02	4.82E-12	-11.32	Burns et al., 2015
145	215863	5166630	171		1.59E+01	5.61E-05	15.2	1.13E-03	9.99E+02	6.47E-13	-12.19	Burns et al., 2015
146	222704	5168415	320		3.55E+02	1.25E-03	19.9	1.00E-03	9.98E+02	1.29E-11	-10.89	Burns et al., 2015
147	213157	5182317	277		8.23E+00	2.90E-05	18.4	1.04E-03	9.99E+02	3.09E-13	-12.51	Burns et al., 2015
148	219728	5175450	365		1.09E+01	3.84E-05	21.4	9.69E-04	9.98E+02	3.80E-13	-12.42	Burns et al., 2015
149	231599	5179578	88		6.95E+00	2.45E-05	13.2	1.19E-03	9.99E+02	2.99E-13	-12.52	Burns et al., 2015
150	222602	5176832	308		5.37E+01	1.89E-04	19.5	1.02E-03	9.98E+02	1.96E-12	-11.71	Burns et al., 2015
151	238155	5185071	391		7.67E+02	2.70E-03	22.3	9.48E-04	9.98E+02	2.62E-11	-10.58	Burns et al., 2015
152	235695	5183231	65		1.39E+02	4.91E-04	12.7	1.21E-03	9.99E+02	6.06E-12	-11.22	Burns et al., 2015
153	241620	5198372	336		2.91E+01	1.03E-04	20.4	9.92E-04	9.98E+02	1.04E-12	-11.98	Burns et al., 2015
154	236303	5194615	311		1.38E+03	4.87E-03	19.6	1.01E-03	9.98E+02	5.03E-11	-10.30	Burns et al., 2015
155	243858	5191720	177		6.99E+01	2.47E-04	15.3	1.13E-03	9.99E+02	2.84E-12	-11.55	Burns et al., 2015

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156	243232	5209712	67		3.76E+01	1.32E-04	12.7	1.21E-03	9.99E+02	1.63E-12	-11.79	Burns et al., 2015
157	255724	5204271	192		2.26E+00	7.96E-06	15.8	1.11E-03	9.99E+02	9.05E-14	-13.04	Burns et al., 2015
158	212981	5224892	152		6.49E+00	2.29E-05	14.7	1.15E-03	9.99E+02	2.68E-13	-12.57	Burns et al., 2015
159	230609	5226229	119		4.09E+00	1.44E-05	13.8	1.17E-03	9.99E+02	1.73E-13	-12.76	Burns et al., 2015
160	236131	5221806	49		1.21E+00	4.26E-06	12.4	1.22E-03	9.99E+02	5.30E-14	-13.28	Burns et al., 2015
161	485174	5109836	175		1.80E+01	6.35E-05	12.5	1.22E-03	9.99E+02	7.88E-13	-12.10	Burns et al., 2015
162	489656	5108871	50		1.29E+01	4.54E-05	6.4	1.44E-03	1.00E+03	6.68E-13	-12.18	Burns et al., 2015
163	493653	5114606	61		2.03E+01	7.15E-05	7.6	1.39E-03	1.00E+03	1.01E-12	-11.99	Burns et al., 2015
164	413351	5131916	147		4.36E+02	1.54E-03	14.8	1.14E-03	9.99E+02	1.79E-11	-10.75	Burns et al., 2015
165	419021	5140204	36		5.56E+02	1.96E-03	13.7	1.18E-03	9.99E+02	2.35E-11	-10.63	Burns et al., 2015
166	432515	5145966	49		1.51E+01	5.32E-05	13.8	1.17E-03	9.99E+02	6.36E-13	-12.20	Burns et al., 2015
167	425144	5150158	27		3.19E+02	1.12E-03	13.6	1.18E-03	9.99E+02	1.35E-11	-10.87	Burns et al., 2015
168	438482	5149638	78		7.57E+00	2.67E-05	14.1	1.16E-03	9.99E+02	3.17E-13	-12.50	Burns et al., 2015
169	425425	5164324	192		2.31E-01	8.15E-07	15.2	1.13E-03	9.99E+02	9.40E-15	-14.03	Burns et al., 2015
170	439817	5165861	85		8.84E+02	3.12E-03	14.2	1.16E-03	9.99E+02	3.69E-11	-10.43	Burns et al., 2015
171	440114	5165827	68		3.37E+03	1.19E-02	14.0	1.17E-03	9.99E+02	1.41E-10	-9.85	Burns et al., 2015
172	441850	5162878	76		8.94E+02	3.15E-03	14.1	1.16E-03	9.99E+02	3.75E-11	-10.43	Burns et al., 2015
173	453811	5161046	54		3.48E+03	1.23E-02	13.9	1.17E-03	9.99E+02	1.47E-10	-9.83	Burns et al., 2015
174	454698	5160113	59		2.39E+03	8.43E-03	13.9	1.17E-03	9.99E+02	1.00E-10	-10.00	Burns et al., 2015
175	419185	5174777	105		2.71E+00	9.57E-06	14.3	1.16E-03	9.99E+02	1.13E-13	-12.95	Burns et al., 2015
176	442119	5168740	221		3.34E+02	1.18E-03	15.5	1.12E-03	9.99E+02	1.35E-11	-10.87	Burns et al., 2015
177	450603	5166844	32		2.97E+02	1.05E-03	13.7	1.18E-03	9.99E+02	1.26E-11	-10.90	Burns et al., 2015
178	463832	5171658	24		7.75E+02	2.74E-03	13.6	1.18E-03	9.99E+02	3.29E-11	-10.48	Burns et al., 2015
179	427461	5177913	49		2.63E+01	9.29E-05	13.8	1.17E-03	9.99E+02	1.11E-12	-11.95	Burns et al., 2015
180	447551	5182427	49		7.47E+01	2.63E-04	13.8	1.17E-03	9.99E+02	3.15E-12	-11.50	Burns et al., 2015
181	468922	5182742	63		2.86E+02	1.01E-03	14.0	1.17E-03	9.99E+02	1.20E-11	-10.92	Burns et al., 2015
182	432370	5189896	122		1.18E+00	4.16E-06	14.5	1.15E-03	9.99E+02	4.89E-14	-13.31	Burns et al., 2015
183	435267	5189462	155		1.89E+01	6.66E-05	14.8	1.14E-03	9.99E+02	7.76E-13	-12.11	Burns et al., 2015
184	449852	5191391	27		5.61E+01	1.98E-04	13.6	1.18E-03	9.99E+02	2.38E-12	-11.62	Burns et al., 2015
185	450083	5203768	29		3.17E+01	1.12E-04	13.6	1.18E-03	9.99E+02	1.34E-12	-11.87	Burns et al., 2015
186	447793	5197953	53		7.11E+03	2.51E-02	13.9	1.17E-03	9.99E+02	2.99E-10	-9.52	Burns et al., 2015

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187	462068	5214823	31		1.58E+01	5.58E-05	13.7	1.18E-03	9.99E+02	6.70E-13	-12.17	Burns et al., 2015
188	463601	5210338	69		1.03E+01	3.64E-05	14.0	1.17E-03	9.99E+02	4.33E-13	-12.36	Burns et al., 2015
189	463241	5210124	58		1.21E+01	4.25E-05	13.9	1.17E-03	9.99E+02	5.07E-13	-12.29	Burns et al., 2015
190	460844	5217826	49		2.49E+01	8.79E-05	13.8	1.17E-03	9.99E+02	1.05E-12	-11.98	Burns et al., 2015
191	466048	5217732	15		1.53E+02	5.40E-04	13.5	1.18E-03	9.99E+02	6.51E-12	-11.19	Burns et al., 2015
192	478909	5219247	99		5.93E+00	2.09E-05	14.3	1.16E-03	9.99E+02	2.47E-13	-12.61	Burns et al., 2015
193	363897	5259810	241		5.19E+03	1.83E-02	22.5	9.44E-04	9.98E+02	1.77E-10	-9.75	Burns et al., 2015
194	334974	5262037	285		3.15E+01	1.11E-04	24.4	9.04E-04	9.97E+02	1.03E-12	-11.99	Burns et al., 2015
195	356511	5264311	141		1.41E+03	4.98E-03	18.2	1.05E-03	9.99E+02	5.33E-11	-10.27	Burns et al., 2015
196	358127	5261924	171		6.63E+01	2.34E-04	19.5	1.01E-03	9.98E+02	2.42E-12	-11.62	Burns et al., 2015
197	365577	5263663	212		5.62E+02	1.98E-03	21.3	9.72E-04	9.98E+02	1.97E-11	-10.71	Burns et al., 2015
198	366870	5261626	133		6.96E+01	2.46E-04	17.8	1.06E-03	9.99E+02	2.65E-12	-11.58	Burns et al., 2015
199	363340	5261059	209		7.44E+02	2.62E-03	21.1	9.75E-04	9.98E+02	2.61E-11	-10.58	Burns et al., 2015
200	354458	5270941	229		5.75E+02	2.03E-03	22.0	9.55E-04	9.98E+02	1.98E-11	-10.70	Burns et al., 2015
201	366100	5272763	228		4.32E+01	1.52E-04	21.9	9.56E-04	9.98E+02	1.49E-12	-11.83	Burns et al., 2015
202	368900	5272792	177		4.01E+01	1.41E-04	19.8	1.01E-03	9.98E+02	1.45E-12	-11.84	Burns et al., 2015
203	368288	5266968	170		1.42E+02	5.02E-04	19.5	1.01E-03	9.98E+02	5.20E-12	-11.28	Burns et al., 2015
204	380549	5258057	217		1.33E+03	4.70E-03	21.1	9.75E-04	9.98E+02	4.68E-11	-10.33	Burns et al., 2015
205	465595	5234034	46		2.34E+01	8.26E-05	12.0	1.23E-03	1.00E+03	1.04E-12	-11.98	Burns et al., 2015
206	472038	5232055	94		1.34E+02	4.71E-04	14.7	1.15E-03	9.99E+02	5.51E-12	-11.26	Burns et al., 2015
207	482005	5232819	53		9.10E+00	3.21E-05	12.4	1.22E-03	9.99E+02	3.98E-13	-12.40	Burns et al., 2015
208	431792	5242540	116		6.21E+02	2.19E-03	15.8	1.11E-03	9.99E+02	2.48E-11	-10.60	Burns et al., 2015
209	459127	5240805	83		5.39E+00	1.90E-05	14.1	1.16E-03	9.99E+02	2.26E-13	-12.65	Burns et al., 2015
210	469560	5236729	82		3.66E+00	1.29E-05	14.0	1.17E-03	9.99E+02	1.53E-13	-12.81	Burns et al., 2015
211	482520	5243437	56		1.46E+01	5.15E-05	12.6	1.21E-03	9.99E+02	6.36E-13	-12.20	Burns et al., 2015
212	407589	5249200	31		9.20E+01	3.24E-04	11.2	1.26E-03	1.00E+03	4.16E-12	-11.38	Burns et al., 2015
213	437698	5245253	47		4.01E+00	1.41E-05	12.1	1.23E-03	1.00E+03	1.77E-13	-12.75	Burns et al., 2015
214	456231	5246568	35		7.76E+01	2.74E-04	11.5	1.25E-03	1.00E+03	3.48E-12	-11.46	Burns et al., 2015
215	470084	5252872	53		3.03E+00	1.07E-05	12.4	1.22E-03	9.99E+02	1.32E-13	-12.88	Burns et al., 2015
216	478046	5247588	130		5.63E-01	1.99E-06	16.6	1.09E-03	9.99E+02	2.21E-14	-13.65	Burns et al., 2015
217	478042	5246693	161		4.30E+00	1.52E-05	18.1	1.05E-03	9.99E+02	1.63E-13	-12.79	Burns et al., 2015

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218	428124	5261757	31		1.35E+01	4.74E-05	11.3	1.26E-03	1.00E+03	6.08E-13	-12.22	Burns et al., 2015
219	446127	5263077	53		1.06E+00	3.75E-06	12.4	1.22E-03	9.99E+02	4.66E-14	-13.33	Burns et al., 2015
220	444352	5263340	194		8.50E+01	3.00E-04	19.9	1.00E-03	9.98E+02	3.07E-12	-11.51	Burns et al., 2015
221	454010	5257576	84		7.59E+00	2.68E-05	14.2	1.16E-03	9.99E+02	3.18E-13	-12.50	Burns et al., 2015
222	456391	5256755	166		8.91E+00	3.14E-05	18.4	1.04E-03	9.99E+02	3.35E-13	-12.48	Burns et al., 2015
223	464905	5262625	203		1.41E+03	4.97E-03	20.4	9.93E-04	9.98E+02	5.04E-11	-10.30	Burns et al., 2015
224	468547	5255319	110		1.27E+03	4.49E-03	15.5	1.12E-03	9.99E+02	5.14E-11	-10.29	Burns et al., 2015
225	481903	5254182	123		3.46E-01	1.22E-06	16.2	1.10E-03	9.99E+02	1.37E-14	-13.86	Burns et al., 2015
226	381796	5265876	236		1.93E+02	6.82E-04	22.2	9.51E-04	9.98E+02	6.63E-12	-11.18	Burns et al., 2015
227	404096	5270192	229		4.30E+01	1.52E-04	21.8	9.60E-04	9.98E+02	1.49E-12	-11.83	Burns et al., 2015
228	437895	5271772	61		3.31E+02	1.17E-03	12.9	1.20E-03	9.99E+02	1.43E-11	-10.84	Burns et al., 2015
229	441440	5269142	69		1.40E+00	4.95E-06	13.3	1.19E-03	9.99E+02	6.00E-14	-13.22	Burns et al., 2015
230	456859	5271972	38		3.38E+00	1.19E-05	11.6	1.24E-03	1.00E+03	1.51E-13	-12.82	Burns et al., 2015
231	452741	5271479	123		1.44E+02	5.07E-04	16.2	1.10E-03	9.99E+02	5.70E-12	-11.24	Burns et al., 2015
232	454333	5269398	236		2.26E+02	7.96E-04	22.2	9.51E-04	9.98E+02	7.73E-12	-11.11	Burns et al., 2015
233	452634	5265953	11		2.80E+01	9.88E-05	10.2	1.29E-03	1.00E+03	1.30E-12	-11.88	Burns et al., 2015
234	464378	5272230	31		1.01E+02	3.55E-04	11.2	1.26E-03	1.00E+03	4.55E-12	-11.34	Burns et al., 2015
235	251582	5069101	51		2.98E+03	1.05E-02	16.4	1.10E-03	9.99E+02	1.18E-10	-9.93	Burns et al., 2015
236	251869	5066524	75		7.15E+01	2.52E-04	14.2	1.16E-03	9.99E+02	2.98E-12	-11.53	Burns et al., 2015
237	240946	5078283	53		7.11E+00	2.51E-05	16.2	1.10E-03	9.99E+02	2.82E-13	-12.55	Burns et al., 2015
238	242978	5087658	101		1.09E+02	3.85E-04	14.7	1.15E-03	9.99E+02	4.50E-12	-11.35	Burns et al., 2015
239	248982	5099931	114		1.38E+00	4.88E-06	15.1	1.13E-03	9.99E+02	5.64E-14	-13.25	Burns et al., 2015
240	245171	5098418	52		5.68E+00	2.00E-05	16.3	1.10E-03	9.99E+02	2.25E-13	-12.65	Burns et al., 2015
241	249385	5113485	124		9.11E+01	3.21E-04	15.5	1.12E-03	9.99E+02	3.68E-12	-11.43	Burns et al., 2015
242	232424	5127745	213		1.40E+01	4.94E-05	24.5	9.01E-04	9.97E+02	4.55E-13	-12.34	Burns et al., 2015
243	249101	5151398	459		1.08E+01	3.80E-05	32.1	7.63E-04	9.95E+02	2.97E-13	-12.53	Burns et al., 2015
244	251271	5150660	405		5.03E+01	1.77E-04	30.6	7.86E-04	9.95E+02	1.43E-12	-11.85	Burns et al., 2015
245	250933	5149715	494		8.38E+01	2.96E-04	32.9	7.50E-04	9.95E+02	2.27E-12	-11.64	Burns et al., 2015
246	250316	5147700	366		2.30E+03	8.10E-03	29.5	8.06E-04	9.96E+02	6.69E-11	-10.17	Burns et al., 2015
247	254363	5157366	424		9.23E+02	3.26E-03	31.2	7.77E-04	9.95E+02	2.59E-11	-10.59	Burns et al., 2015
248	253960	5156887	215		2.20E+00	7.75E-06	24.6	8.99E-04	9.97E+02	7.12E-14	-13.15	Burns et al., 2015

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249	252083	5156408	522		1.28E+00	4.52E-06	33.6	7.40E-04	9.95E+02	3.43E-14	-13.47	Burns et al., 2015
250	256206	5155962	202		9.82E+02	3.47E-03	24.1	9.10E-04	9.97E+02	3.22E-11	-10.49	Burns et al., 2015
251	256981	5155065	90		4.19E+02	1.48E-03	18.6	1.04E-03	9.99E+02	1.56E-11	-10.81	Burns et al., 2015
252	216143	5151677	198		5.14E+02	1.81E-03	19.2	1.02E-03	9.98E+02	1.89E-11	-10.72	Burns et al., 2015
253	222809	5153503	479		1.58E+01	5.56E-05	26.6	8.59E-04	9.97E+02	4.88E-13	-12.31	Burns et al., 2015
254	229492	5168663	122		2.27E+02	8.01E-04	17.2	1.07E-03	9.99E+02	8.79E-12	-11.06	Burns et al., 2015
255	239610	5167104	251		2.67E+02	9.40E-04	20.6	9.88E-04	9.98E+02	9.49E-12	-11.02	Burns et al., 2015
256	240511	5166756	230		2.02E+02	7.13E-04	20.0	1.00E-03	9.98E+02	7.29E-12	-11.14	Burns et al., 2015
257	241135	5165400	255		1.89E+03	6.66E-03	20.7	9.86E-04	9.98E+02	6.71E-11	-10.17	Burns et al., 2015
258	242760	5165021	180		3.61E+01	1.27E-04	18.7	1.03E-03	9.98E+02	1.35E-12	-11.87	Burns et al., 2015
259	238924	5178791	190		2.55E+00	8.98E-06	19.0	1.03E-03	9.98E+02	9.43E-14	-13.03	Burns et al., 2015
260	236776	5177339	116		2.77E+02	9.77E-04	17.0	1.08E-03	9.99E+02	1.08E-11	-10.97	Burns et al., 2015
261	248205	5186094	130		4.29E+02	1.51E-03	17.4	1.07E-03	9.99E+02	1.65E-11	-10.78	Burns et al., 2015
262	205029	5076145	131		1.74E+00	6.14E-06	17.0	1.08E-03	9.99E+02	6.77E-14	-13.17	Burns et al., 2015
263	194170	5083291	181		1.34E+01	4.71E-05	18.1	1.05E-03	9.99E+02	5.05E-13	-12.30	Burns et al., 2015
264	203784	5082236	104		4.20E+00	1.48E-05	16.0	1.11E-03	9.99E+02	1.68E-13	-12.78	Burns et al., 2015
265	203113	5082670	93		9.51E+00	3.35E-05	15.4	1.12E-03	9.99E+02	3.85E-13	-12.41	Burns et al., 2015
266	204627	5079969	218		1.24E+00	4.36E-06	18.8	1.03E-03	9.98E+02	4.59E-14	-13.34	Burns et al., 2015
267	202818	5078323	31		3.97E+01	1.40E-04	12.8	1.21E-03	9.99E+02	1.72E-12	-11.76	Burns et al., 2015
268	205907	5077774	152		1.06E+03	3.73E-03	17.6	1.06E-03	9.99E+02	4.05E-11	-10.39	Burns et al., 2015
269	205166	5088542	116		2.81E-01	9.91E-07	16.5	1.09E-03	9.99E+02	1.11E-14	-13.96	Burns et al., 2015
270	187538	5064503	136		1.16E+01	4.07E-05	14.5	1.15E-03	9.99E+02	4.79E-13	-12.32	Burns et al., 2015
271	206142	5064866	85		4.31E+00	1.52E-05	13.1	1.20E-03	9.99E+02	1.85E-13	-12.73	Burns et al., 2015
272	204718	5064562	149		1.36E-01	4.80E-07	14.8	1.14E-03	9.99E+02	5.59E-15	-14.25	Burns et al., 2015
273	205528	5064276	116		1.19E+01	4.21E-05	13.9	1.17E-03	9.99E+02	5.03E-13	-12.30	Burns et al., 2015
274	195895	5071730	188		2.72E+01	9.59E-05	15.9	1.11E-03	9.99E+02	1.09E-12	-11.96	Burns et al., 2015
275	193370	5069286	95		2.25E+01	7.95E-05	13.3	1.19E-03	9.99E+02	9.64E-13	-12.02	Burns et al., 2015
276	192048	5070589	274		2.40E+01	8.47E-05	18.4	1.04E-03	9.99E+02	9.02E-13	-12.04	Burns et al., 2015
277	463966	5144185	47		1.07E+01	3.76E-05	10.3	1.29E-03	1.00E+03	4.95E-13	-12.31	Burns et al., 2015
278	378267	5153697	99		6.64E+01	2.34E-04	18.2	1.05E-03	9.99E+02	2.51E-12	-11.60	Burns et al., 2015
279	492421	5141027	162		1.56E+04	5.50E-02	12.7	1.21E-03	9.99E+02	6.79E-10	-9.17	Burns et al., 2015

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280	489580	5164551	37		4.89E+00	1.73E-05	12.6	1.21E-03	9.99E+02	2.13E-13	-12.67	Burns et al., 2015
281	481499	5171022	183		2.42E+02	8.52E-04	12.7	1.21E-03	9.99E+02	1.05E-11	-10.98	Burns et al., 2015
282	487923	5175605	214		8.38E+02	2.95E-03	12.7	1.21E-03	9.99E+02	3.64E-11	-10.44	Burns et al., 2015
283	495115	5173063	70		5.97E+00	2.11E-05	12.6	1.21E-03	9.99E+02	2.61E-13	-12.58	Burns et al., 2015
284	487122	5178415	122		2.14E+01	7.56E-05	12.6	1.21E-03	9.99E+02	9.34E-13	-12.03	Burns et al., 2015
285	486480	5175824	291		3.15E+01	1.11E-04	12.8	1.20E-03	9.99E+02	1.36E-12	-11.87	Burns et al., 2015
286	482844	5203028	21		2.89E+01	1.02E-04	12.6	1.21E-03	9.99E+02	1.26E-12	-11.90	Burns et al., 2015
287	482844	5203028	27		9.15E+01	3.23E-04	12.6	1.21E-03	9.99E+02	3.99E-12	-11.40	Burns et al., 2015
288	489292	5205698	116		1.12E+04	3.95E-02	12.6	1.21E-03	9.99E+02	4.88E-10	-9.31	Burns et al., 2015
289	494032	5214674	128		2.78E+02	9.81E-04	12.6	1.21E-03	9.99E+02	1.21E-11	-10.92	Burns et al., 2015
290	481396	5219516	147		8.28E-01	2.92E-06	12.6	1.21E-03	9.99E+02	3.60E-14	-13.44	Burns et al., 2015
291	485595	5222097	70		1.47E+02	5.19E-04	12.6	1.21E-03	9.99E+02	6.42E-12	-11.19	Burns et al., 2015
292	280642	5153760	390		2.08E+01	7.33E-05	27.3	8.45E-04	9.96E+02	6.34E-13	-12.20	Burns et al., 2015
293	255017	5146087	184		4.69E+02	1.65E-03	23.1	9.31E-04	9.98E+02	1.57E-11	-10.80	Burns et al., 2015
294	261539	5143972	515		4.45E+02	1.57E-03	32.2	7.60E-04	9.95E+02	1.22E-11	-10.91	Burns et al., 2015
295	267886	5143325	337		1.76E+03	6.22E-03	27.4	8.44E-04	9.96E+02	5.37E-11	-10.27	Burns et al., 2015
296	266528	5143037	305		1.76E+02	6.20E-04	26.6	8.59E-04	9.97E+02	5.45E-12	-11.26	Burns et al., 2015
297	467328	5142530	175		1.81E+01	6.38E-05	17.0	1.08E-03	9.99E+02	7.03E-13	-12.15	Burns et al., 2015
298	476595	5149556	48		8.89E+01	3.14E-04	12.9	1.20E-03	9.99E+02	3.84E-12	-11.42	Burns et al., 2015
299	471169	5164951	76		3.51E+00	1.24E-05	13.7	1.18E-03	9.99E+02	1.48E-13	-12.83	Burns et al., 2015
300	196968	5093176	110		6.86E+01	2.42E-04	14.9	1.14E-03	9.99E+02	2.82E-12	-11.55	Burns et al., 2015
301	359144	5206027	296		4.71E+03	1.66E-02	31.3	7.76E-04	9.95E+02	1.32E-10	-9.88	Burns et al., 2015
302	363954	5210300	274		8.74E+03	3.08E-02	29.8	8.01E-04	9.96E+02	2.53E-10	-9.60	Burns et al., 2015
303	361741	5191327	448		5.58E+03	1.97E-02	41.9	6.28E-04	9.92E+02	1.27E-10	-9.90	Burns et al., 2015
304	348248	5198048	263		2.78E+01	9.81E-05	29.0	8.14E-04	9.96E+02	8.18E-13	-12.09	Burns et al., 2015
305	352180	5203848	47		1.15E+01	4.04E-05	15.5	1.12E-03	9.99E+02	4.62E-13	-12.34	Burns et al., 2015
306	370195	5201174	87		4.90E+02	1.73E-03	17.2	1.07E-03	9.99E+02	1.90E-11	-10.72	Burns et al., 2015
307	357607	5212456	299		1.24E+03	4.39E-03	31.5	7.72E-04	9.95E+02	3.47E-11	-10.46	Burns et al., 2015
308	350583	5209293	194		2.67E+01	9.40E-05	24.2	9.08E-04	9.97E+02	8.72E-13	-12.06	Burns et al., 2015
309	352427	5207023	384		1.82E+02	6.43E-04	37.4	6.84E-04	9.93E+02	4.52E-12	-11.34	Burns et al., 2015
310	398173	5096061	352		4.13E+02	1.46E-03	27.3	8.46E-04	9.96E+02	1.26E-11	-10.90	Burns et al., 2015

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311	399606	5096871	187		1.81E+03	6.38E-03	24.5	9.01E-04	9.97E+02	5.88E-11	-10.23	Burns et al., 2015
312	402185	5095410	284		2.93E+02	1.03E-03	26.7	8.57E-04	9.97E+02	9.06E-12	-11.04	Burns et al., 2015
313	395989	5091529	323		4.58E+02	1.61E-03	26.9	8.53E-04	9.97E+02	1.41E-11	-10.85	Burns et al., 2015
314	394464	5091709	178		9.26E+03	3.27E-02	23.9	9.13E-04	9.97E+02	3.05E-10	-9.52	Burns et al., 2015
315	395344	5090305	289		4.21E+03	1.49E-02	26.7	8.57E-04	9.97E+02	1.30E-10	-9.89	Burns et al., 2015
316	401285	5103667	407		4.26E+02	1.50E-03	28.4	8.26E-04	9.96E+02	1.27E-11	-10.90	Burns et al., 2015
317	397746	5100143	430		5.81E+01	2.05E-04	28.9	8.17E-04	9.96E+02	1.71E-12	-11.77	Burns et al., 2015
318	414187	5104522	64		2.00E+01	7.06E-05	16.1	1.11E-03	9.99E+02	7.97E-13	-12.10	Burns et al., 2015
319	396630	5104083	832		3.35E+00	1.18E-05	42.1	6.26E-04	9.91E+02	7.61E-14	-13.12	Burns et al., 2015
320	406104	5108283	242		1.36E+02	4.79E-04	21.4	9.69E-04	9.98E+02	4.74E-12	-11.32	Burns et al., 2015
321	406248	5107880	136		2.40E+00	8.46E-06	17.6	1.06E-03	9.99E+02	9.18E-14	-13.04	Burns et al., 2015
322	391475	5108988	165		3.32E+02	1.17E-03	18.7	1.03E-03	9.99E+02	1.24E-11	-10.91	Burns et al., 2015
323	398046	5111715	214		7.05E+01	2.49E-04	20.4	9.92E-04	9.98E+02	2.52E-12	-11.60	Burns et al., 2015
324	411605	5125057	109		4.95E+02	1.75E-03	16.7	1.09E-03	9.99E+02	1.94E-11	-10.71	Burns et al., 2015
325	411426	5124504	104		1.39E+03	4.91E-03	16.5	1.09E-03	9.99E+02	5.48E-11	-10.26	Burns et al., 2015
326	495295	5131456	69		6.42E+01	2.27E-04	14.6	1.15E-03	9.99E+02	2.66E-12	-11.58	Burns et al., 2015
327	332166	5151742	213		1.11E+01	3.92E-05	23.3	9.26E-04	9.98E+02	3.71E-13	-12.43	Burns et al., 2015
328	331445	5149600	284		2.64E+01	9.32E-05	25.6	8.77E-04	9.97E+02	8.37E-13	-12.08	Burns et al., 2015
329	318005	5173776	427		1.04E+03	3.67E-03	34.3	7.28E-04	9.94E+02	2.74E-11	-10.56	Burns et al., 2015
330	285679	5162788	306		1.83E+03	6.46E-03	27.2	8.48E-04	9.96E+02	5.60E-11	-10.25	Burns et al., 2015
331	284672	5162639	296		1.98E+03	6.97E-03	26.8	8.56E-04	9.97E+02	6.10E-11	-10.21	Burns et al., 2015
332	282200	5168538	38		1.01E+02	3.56E-04	15.9	1.11E-03	9.99E+02	4.04E-12	-11.39	Burns et al., 2015
333	279039	5176379	410		9.80E+01	3.46E-04	25.2	8.86E-04	9.97E+02	3.13E-12	-11.50	Burns et al., 2015
334	279015	5171095	72		4.70E+02	1.66E-03	16.7	1.09E-03	9.99E+02	1.84E-11	-10.73	Burns et al., 2015
335	293987	5174612	159		2.63E+02	9.29E-04	18.9	1.03E-03	9.98E+02	9.76E-12	-11.01	Burns et al., 2015
336	278725	5180532	129		4.35E+01	1.54E-04	18.2	1.05E-03	9.99E+02	1.64E-12	-11.78	Burns et al., 2015
337	356592	5167266	404		2.42E+02	8.53E-04	26.0	8.70E-04	9.97E+02	7.59E-12	-11.12	Burns et al., 2015
338	358003	5165751	199		1.25E+03	4.40E-03	20.1	1.00E-03	9.98E+02	4.49E-11	-10.35	Burns et al., 2015
339	355453	5171185	443		2.85E+01	1.00E-04	27.2	8.48E-04	9.97E+02	8.71E-13	-12.06	Burns et al., 2015
340	350502	5178131	366		2.44E+02	8.61E-04	24.9	8.92E-04	9.97E+02	7.85E-12	-11.10	Burns et al., 2015
341	367992	5185658	202		2.50E+02	8.81E-04	20.2	9.98E-04	9.98E+02	8.98E-12	-11.05	Burns et al., 2015

Well ID	Easting	Northing	Center Interval Depth (m)	T(m^2/d)	K (ft/d)	K (m/s)	Est. T (C°)	Viscosity (kg/(m*s))	Density (kg/m^3)	Bulk Perm. (m^2)	log perm	Source
342	366762	5183709	184		2.36E+03	8.34E-03	19.6	1.01E-03	9.98E+02	8.61E-11	-10.06	Burns et al., 2015
343	373267	5182456	233		2.29E+00	8.07E-06	21.1	9.77E-04	9.98E+02	8.05E-14	-13.09	Burns et al., 2015
344	367918	5189952	248		5.47E+04	1.93E-01	21.5	9.67E-04	9.98E+02	1.90E-09	-8.72	Burns et al., 2015
345	363383	5188078	387		4.81E+02	1.70E-03	25.5	8.80E-04	9.97E+02	1.53E-11	-10.82	Burns et al., 2015
346	365109	5188502	275		2.59E+02	9.14E-04	22.3	9.49E-04	9.98E+02	8.86E-12	-11.05	Burns et al., 2015
347	347875	5186722	226		6.37E+01	2.25E-04	28.6	8.22E-04	9.96E+02	1.89E-12	-11.72	Burns et al., 2015
348	348058	5188076	244		2.20E+02	7.75E-04	29.6	8.05E-04	9.96E+02	6.39E-12	-11.19	Burns et al., 2015
349	347896	5188358	213		1.78E+01	6.26E-05	28.0	8.33E-04	9.96E+02	5.34E-13	-12.27	Burns et al., 2015
350	342965	5203991	97		8.60E+01	3.03E-04	21.8	9.58E-04	9.98E+02	2.97E-12	-11.53	Burns et al., 2015
351	344568	5203856	253		2.42E+02	8.53E-04	30.1	7.96E-04	9.96E+02	6.95E-12	-11.16	Burns et al., 2015
352	335611	5187200	276		1.59E+02	5.61E-04	32.1	7.62E-04	9.95E+02	4.37E-12	-11.36	Burns et al., 2015
353	334829	5187314	308		7.48E+01	2.64E-04	35.0	7.18E-04	9.94E+02	1.94E-12	-11.71	Burns et al., 2015
354	334020	5187954	369		2.19E+02	7.71E-04	40.6	6.44E-04	9.92E+02	5.10E-12	-11.29	Burns et al., 2015
355	346966	5186807	317		7.84E+01	2.77E-04	35.9	7.06E-04	9.94E+02	2.00E-12	-11.70	Burns et al., 2015
356	323990	5198003	55		2.40E+00	8.47E-06	15.7	1.12E-03	9.99E+02	9.65E-14	-13.02	Burns et al., 2015
357	334195	5189679	318		1.74E+02	6.12E-04	36.0	7.05E-04	9.94E+02	4.42E-12	-11.35	Burns et al., 2015
358	335392	5188503	274		1.97E+02	6.95E-04	32.0	7.64E-04	9.95E+02	5.44E-12	-11.26	Burns et al., 2015
359	340612	5194262	120		1.36E+01	4.78E-05	18.4	1.04E-03	9.99E+02	5.09E-13	-12.29	Burns et al., 2015
360	341377	5201531	229		5.90E+01	2.08E-04	27.8	8.35E-04	9.96E+02	1.78E-12	-11.75	Burns et al., 2015
361	334263	5210405	98		2.25E+04	7.93E-02	17.2	1.07E-03	9.99E+02	8.69E-10	-9.06	Burns et al., 2015
362	334920	5207452	139		6.16E+01	2.17E-04	19.9	1.01E-03	9.98E+02	2.23E-12	-11.65	Burns et al., 2015
363	374558	5219517	79		6.08E+00	2.14E-05	11.1	1.26E-03	1.00E+03	2.76E-13	-12.56	Burns et al., 2015
364	405888	5225359	123		8.92E+00	3.15E-05	13.6	1.18E-03	9.99E+02	3.78E-13	-12.42	Burns et al., 2015
365	401004	5225377	47		1.41E+01	4.99E-05	9.0	1.34E-03	1.00E+03	6.80E-13	-12.17	Burns et al., 2015
366	401001	5220128	172		8.76E+01	3.09E-04	16.8	1.09E-03	9.99E+02	3.42E-12	-11.47	Burns et al., 2015
367	404537	5219916	199		3.30E+02	1.17E-03	19.0	1.03E-03	9.98E+02	1.22E-11	-10.91	Burns et al., 2015
368	429375	5219414	41		1.32E+01	4.65E-05	8.5	1.36E-03	1.00E+03	6.43E-13	-12.19	Burns et al., 2015
369	441700	5221379	46		1.27E+01	4.46E-05	8.9	1.34E-03	1.00E+03	6.11E-13	-12.21	Burns et al., 2015
370	452832	5222731	107		3.70E+00	1.30E-05	13.3	1.19E-03	9.99E+02	1.58E-13	-12.80	Burns et al., 2015
371	454453	5217223	61		7.18E+00	2.53E-05	10.1	1.30E-03	1.00E+03	3.35E-13	-12.47	Burns et al., 2015
372	461987	5221986	56		8.59E+00	3.03E-05	9.7	1.31E-03	1.00E+03	4.05E-13	-12.39	Burns et al., 2015

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373	372468	5232069	229		9.43E+01	3.33E-04	21.5	9.67E-04	9.98E+02	3.29E-12	-11.48	Burns et al., 2015
374	429474	5225957	35		1.01E+01	3.55E-05	8.1	1.37E-03	1.00E+03	4.98E-13	-12.30	Burns et al., 2015
375	372959	5241169	207		1.53E+03	5.40E-03	19.7	1.01E-03	9.98E+02	5.57E-11	-10.25	Burns et al., 2015
376	383584	5238942	225		2.34E+01	8.25E-05	21.1	9.75E-04	9.98E+02	8.21E-13	-12.09	Burns et al., 2015
377	385729	5236862	234		1.12E+02	3.94E-04	22.0	9.56E-04	9.98E+02	3.85E-12	-11.41	Burns et al., 2015
378	390462	5242763	185		3.55E+02	1.25E-03	17.8	1.06E-03	9.99E+02	1.35E-11	-10.87	Burns et al., 2015
379	424880	5240432	108		1.09E+01	3.84E-05	13.3	1.19E-03	9.99E+02	4.65E-13	-12.33	Burns et al., 2015
380	421406	5239737	61		3.82E+00	1.35E-05	10.1	1.30E-03	1.00E+03	1.79E-13	-12.75	Burns et al., 2015
381	372296	5247391	227		3.36E+02	1.19E-03	21.3	9.70E-04	9.98E+02	1.18E-11	-10.93	Burns et al., 2015
382	386445	5247811	160		1.39E+03	4.90E-03	15.8	1.11E-03	9.99E+02	5.57E-11	-10.25	Burns et al., 2015
383	395946	5248932	107		1.35E+02	4.75E-04	13.3	1.19E-03	9.99E+02	5.76E-12	-11.24	Burns et al., 2015
384	301000	5125744	209		3.70E+03	1.30E-02	21.1	9.76E-04	9.98E+02	1.30E-10	-9.89	Burns et al., 2015
385	331904	5178252	93		1.92E+01	6.76E-05	17.3	1.07E-03	9.99E+02	7.38E-13	-12.13	Burns et al., 2015
386	333235	5176485	221		1.12E+03	3.95E-03	22.8	9.37E-04	9.98E+02	3.78E-11	-10.42	Burns et al., 2015
387	335684	5174379	107		7.73E+00	2.73E-05	17.9	1.05E-03	9.99E+02	2.93E-13	-12.53	Burns et al., 2015
388	333896	5171185	152		1.06E+02	3.75E-04	19.9	1.01E-03	9.98E+02	3.85E-12	-11.41	Burns et al., 2015
389	341164	5175900	113		3.10E+01	1.09E-04	18.2	1.05E-03	9.99E+02	1.17E-12	-11.93	Burns et al., 2015
390	343921	5174901	132		4.17E+01	1.47E-04	19.0	1.03E-03	9.98E+02	1.54E-12	-11.81	Burns et al., 2015
391	341730	5173198	219		9.43E+00	3.33E-05	22.7	9.39E-04	9.98E+02	3.19E-13	-12.50	Burns et al., 2015
392	328590	5182701	72		8.47E+02	2.99E-03	16.5	1.09E-03	9.99E+02	3.34E-11	-10.48	Burns et al., 2015
393	280560	5198700	325		4.89E+01	1.72E-04	25.5	8.80E-04	9.97E+02	1.55E-12	-11.81	Burns et al., 2015
394	275634	5193875	53		3.59E+02	1.27E-03	12.3	1.22E-03	9.99E+02	1.58E-11	-10.80	Burns et al., 2015
395	290168	5198478	244		3.38E+01	1.19E-04	21.7	9.63E-04	9.98E+02	1.17E-12	-11.93	Burns et al., 2015
396	285839	5198848	247		3.63E-01	1.28E-06	21.8	9.59E-04	9.98E+02	1.25E-14	-13.90	Burns et al., 2015
397	290839	5198269	259		1.53E+01	5.38E-05	22.4	9.46E-04	9.98E+02	5.20E-13	-12.28	Burns et al., 2015
398	309847	5193339	78		2.57E+00	9.08E-06	13.9	1.17E-03	9.99E+02	1.08E-13	-12.96	Burns et al., 2015
399	269003	5203865	95		1.63E+01	5.74E-05	14.7	1.15E-03	9.99E+02	6.70E-13	-12.17	Burns et al., 2015
400	279168	5209136	98		2.22E+00	7.84E-06	14.9	1.14E-03	9.99E+02	9.12E-14	-13.04	Burns et al., 2015
401	287338	5201081	135		1.38E+01	4.88E-05	16.7	1.09E-03	9.99E+02	5.42E-13	-12.27	Burns et al., 2015
402	283566	5201000	52		3.34E+01	1.18E-04	12.2	1.22E-03	1.00E+03	1.47E-12	-11.83	Burns et al., 2015
403	300336	5207399	240		2.91E+02	1.02E-03	21.5	9.67E-04	9.98E+02	1.01E-11	-10.99	Burns et al., 2015

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404	298638	5208476	137		7.68E+01	2.71E-04	16.8	1.08E-03	9.99E+02	3.00E-12	-11.52	Burns et al., 2015
405	298467	5205917	292		1.29E+01	4.54E-05	23.9	9.12E-04	9.97E+02	4.23E-13	-12.37	Burns et al., 2015
406	290751	5199384	34		2.49E+03	8.79E-03	11.0	1.27E-03	1.00E+03	1.13E-10	-9.95	Burns et al., 2015
407	302628	5201915	48		1.46E+01	5.14E-05	12.0	1.23E-03	1.00E+03	6.46E-13	-12.19	Burns et al., 2015
408	323776	5201531	153		6.52E-01	2.30E-06	17.4	1.07E-03	9.99E+02	2.51E-14	-13.60	Burns et al., 2015
409	278494	5210923	38		5.39E+02	1.90E-03	11.3	1.25E-03	1.00E+03	2.43E-11	-10.61	Burns et al., 2015
410	281253	5210079	204		5.89E+02	2.08E-03	19.8	1.01E-03	9.98E+02	2.14E-11	-10.67	Burns et al., 2015
411	285957	5218561	97		2.14E+02	7.54E-04	14.8	1.14E-03	9.99E+02	8.79E-12	-11.06	Burns et al., 2015
412	285235	5218464	85		2.02E+02	7.13E-04	14.2	1.16E-03	9.99E+02	8.44E-12	-11.07	Burns et al., 2015
413	283118	5218294	101		6.36E+00	2.24E-05	15.0	1.14E-03	9.99E+02	2.60E-13	-12.59	Burns et al., 2015
414	289052	5211806	223		2.54E+01	8.97E-05	20.7	9.86E-04	9.98E+02	9.03E-13	-12.04	Burns et al., 2015
415	296020	5217805	226		1.06E+02	3.73E-04	20.8	9.83E-04	9.98E+02	3.75E-12	-11.43	Burns et al., 2015
416	296158	5214432	491		6.44E+02	2.27E-03	33.4	7.42E-04	9.95E+02	1.73E-11	-10.76	Burns et al., 2015
417	298549	5212713	218		2.85E+03	1.01E-02	20.4	9.92E-04	9.98E+02	1.02E-10	-9.99	Burns et al., 2015
418	294754	5211699	157		7.41E+01	2.61E-04	17.6	1.06E-03	9.99E+02	2.84E-12	-11.55	Burns et al., 2015
419	298545	5209468	293		2.69E+02	9.49E-04	24.0	9.12E-04	9.97E+02	8.84E-12	-11.05	Burns et al., 2015
420	301603	5209242	218		5.65E+02	1.99E-03	20.4	9.92E-04	9.98E+02	2.02E-11	-10.69	Burns et al., 2015
421	303125	5209902	137		1.31E+02	4.62E-04	16.8	1.08E-03	9.99E+02	5.11E-12	-11.29	Burns et al., 2015
422	311033	5216010	149		1.68E+03	5.92E-03	17.3	1.07E-03	9.99E+02	6.49E-11	-10.19	Burns et al., 2015
423	311030	5215238	153		5.34E+03	1.88E-02	17.4	1.07E-03	9.99E+02	2.05E-10	-9.69	Burns et al., 2015
424	281756	5219734	84		3.44E+02	1.21E-03	14.2	1.16E-03	9.99E+02	1.44E-11	-10.84	Burns et al., 2015
425	285249	5219421	86		6.97E+02	2.46E-03	14.3	1.16E-03	9.99E+02	2.90E-11	-10.54	Burns et al., 2015
426	294684	5227957	111		4.46E+02	1.57E-03	15.6	1.12E-03	9.99E+02	1.80E-11	-10.74	Burns et al., 2015
427	295005	5226277	220		1.15E+02	4.04E-04	20.5	9.89E-04	9.98E+02	4.08E-12	-11.39	Burns et al., 2015
428	294849	5225448	44		1.64E+03	5.80E-03	11.7	1.24E-03	1.00E+03	7.34E-11	-10.13	Burns et al., 2015
429	291530	5220990	91		1.40E+02	4.93E-04	14.5	1.15E-03	9.99E+02	5.79E-12	-11.24	Burns et al., 2015
430	305570	5226446	133		1.58E+02	5.56E-04	16.6	1.09E-03	9.99E+02	6.19E-12	-11.21	Burns et al., 2015
431	309449	5225176	215		1.43E+01	5.04E-05	20.3	9.95E-04	9.98E+02	5.12E-13	-12.29	Burns et al., 2015
432	305826	5223965	237		3.88E+01	1.37E-04	21.3	9.70E-04	9.98E+02	1.36E-12	-11.87	Burns et al., 2015
433	309661	5219299	157		1.54E+02	5.44E-04	17.6	1.06E-03	9.99E+02	5.92E-12	-11.23	Burns et al., 2015
434	311264	5219958	140		1.26E+02	4.45E-04	17.0	1.08E-03	9.99E+02	4.91E-12	-11.31	Burns et al., 2015

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435	310988	5219905	140		1.84E+03	6.48E-03	17.0	1.08E-03	9.99E+02	7.15E-11	-10.15	Burns et al., 2015
436	274388	5237382	27		6.28E+03	2.21E-02	10.6	1.28E-03	1.00E+03	2.89E-10	-9.54	Burns et al., 2015
437	276243	5235240	73		2.18E+00	7.69E-06	13.5	1.18E-03	9.99E+02	9.26E-14	-13.03	Burns et al., 2015
438	280453	5233506	19		8.15E+02	2.88E-03	10.0	1.30E-03	1.00E+03	3.81E-11	-10.42	Burns et al., 2015
439	283507	5235248	120		1.23E+03	4.35E-03	16.0	1.11E-03	9.99E+02	4.91E-11	-10.31	Burns et al., 2015
440	294831	5233422	48		1.38E+02	4.88E-04	12.0	1.23E-03	1.00E+03	6.13E-12	-11.21	Burns et al., 2015
441	296573	5232651	199		6.89E+01	2.43E-04	19.5	1.01E-03	9.98E+02	2.52E-12	-11.60	Burns et al., 2015
442	294284	5229207	108		4.65E+02	1.64E-03	15.4	1.12E-03	9.99E+02	1.88E-11	-10.73	Burns et al., 2015
443	302405	5233256	87		7.64E+01	2.69E-04	14.3	1.16E-03	9.99E+02	3.18E-12	-11.50	Burns et al., 2015
444	310529	5229931	146		2.62E+02	9.22E-04	17.2	1.07E-03	9.99E+02	1.01E-11	-10.99	Burns et al., 2015
445	309437	5230028	161		5.75E+02	2.03E-03	17.7	1.06E-03	9.99E+02	2.20E-11	-10.66	Burns et al., 2015
446	308281	5243692	564		6.89E+01	2.43E-04	36.9	6.91E-04	9.93E+02	1.72E-12	-11.76	Burns et al., 2015
447	352580	5216563	200		4.55E+03	1.60E-02	27.6	8.39E-04	9.96E+02	1.38E-10	-9.86	Burns et al., 2015
448	349028	5225363	183		3.33E+03	1.18E-02	27.6	8.41E-04	9.96E+02	1.01E-10	-10.00	Burns et al., 2015
449	348583	5222811	508		3.10E+03	1.09E-02	50.4	5.40E-04	9.88E+02	6.09E-11	-10.22	Burns et al., 2015
450	338677	5215844	188		9.17E+01	3.24E-04	27.6	8.40E-04	9.96E+02	2.78E-12	-11.56	Burns et al., 2015
451	331481	5214345	159		5.64E+02	1.99E-03	27.3	8.45E-04	9.96E+02	1.72E-11	-10.76	Burns et al., 2015
452	347013	5215870	38		8.54E+02	3.01E-03	25.7	8.76E-04	9.97E+02	2.70E-11	-10.57	Burns et al., 2015
453	349990	5213416	240		1.64E+02	5.77E-04	28.2	8.29E-04	9.96E+02	4.89E-12	-11.31	Burns et al., 2015
454	325547	5225761	223		2.06E+03	7.25E-03	27.8	8.37E-04	9.96E+02	6.20E-11	-10.21	Burns et al., 2015
455	328820	5222360	246		3.30E+02	1.16E-03	28.4	8.25E-04	9.96E+02	9.82E-12	-11.01	Burns et al., 2015
456	326029	5223523	335		7.48E+02	2.64E-03	35.2	7.15E-04	9.94E+02	1.93E-11	-10.71	Burns et al., 2015
457	325068	5219535	305		5.95E+02	2.10E-03	32.6	7.55E-04	9.95E+02	1.62E-11	-10.79	Burns et al., 2015
458	332159	5224118	83		3.33E+01	1.18E-04	26.3	8.64E-04	9.97E+02	1.04E-12	-11.98	Burns et al., 2015
459	334021	5222120	204		6.77E+01	2.39E-04	27.7	8.39E-04	9.96E+02	2.05E-12	-11.69	Burns et al., 2015
460	341767	5221691	308		3.01E+02	1.06E-03	32.8	7.51E-04	9.95E+02	8.16E-12	-11.09	Burns et al., 2015
461	355548	5223224	202		7.05E+01	2.49E-04	27.6	8.39E-04	9.96E+02	2.13E-12	-11.67	Burns et al., 2015
462	357764	5222521	192		3.61E+01	1.27E-04	27.6	8.40E-04	9.96E+02	1.09E-12	-11.96	Burns et al., 2015
463	365468	5221199	221		9.59E+02	3.38E-03	27.8	8.37E-04	9.96E+02	2.90E-11	-10.54	Burns et al., 2015
464	322896	5232235	245		1.17E+02	4.12E-04	28.4	8.25E-04	9.96E+02	3.48E-12	-11.46	Burns et al., 2015
465	323365	5228885	221		2.76E+02	9.73E-04	27.8	8.37E-04	9.96E+02	8.33E-12	-11.08	Burns et al., 2015

Well ID	Easting	Northing	Center Interval Depth (m)	T(m^2/d)	K (ft/d)	K (m/s)	Est. T (C°)	Viscosity (kg/(m*s))	Density (kg/m^3)	Bulk Perm. (m^2)	log perm	Source
466	323710	5227762	217		1.88E+02	6.64E-04	27.7	8.38E-04	9.96E+02	5.69E-12	-11.24	Burns et al., 2015
467	335476	5227454	201		3.63E+01	1.28E-04	27.6	8.39E-04	9.96E+02	1.10E-12	-11.96	Burns et al., 2015
468	346866	5230577	366		4.73E+02	1.67E-03	38.0	6.77E-04	9.93E+02	1.16E-11	-10.94	Burns et al., 2015
469	341203	5229738	164		8.59E-01	3.03E-06	27.4	8.44E-04	9.96E+02	2.62E-14	-13.58	Burns et al., 2015
470	351552	5233608	160		4.23E+01	1.49E-04	27.4	8.44E-04	9.96E+02	1.29E-12	-11.89	Burns et al., 2015
471	350437	5233605	183		5.99E+02	2.11E-03	27.6	8.41E-04	9.96E+02	1.82E-11	-10.74	Burns et al., 2015
472	272604	5100435	512		8.84E+02	3.12E-03	34.9	7.20E-04	9.94E+02	2.30E-11	-10.64	Burns et al., 2015
473	274683	5096651	398		1.12E+02	3.94E-04	30.7	7.85E-04	9.95E+02	3.16E-12	-11.50	Burns et al., 2015
474	253025	5058534	81		1.37E+01	4.84E-05	23.5	9.23E-04	9.97E+02	4.56E-13	-12.34	Burns et al., 2015
475	256266	5066010	235		7.76E+03	2.74E-02	25.3	8.85E-04	9.97E+02	2.48E-10	-9.61	Burns et al., 2015
476	255747	5066030	240		5.35E+03	1.89E-02	25.4	8.83E-04	9.97E+02	1.70E-10	-9.77	Burns et al., 2015
477	275819	5099452	63		2.24E+02	7.89E-04	23.1	9.30E-04	9.98E+02	7.50E-12	-11.13	Burns et al., 2015
478	277432	5094017	448		4.58E+01	1.62E-04	32.6	7.55E-04	9.95E+02	1.25E-12	-11.90	Burns et al., 2015
479	266630	5107551	305		7.60E-02	2.68E-07	27.4	8.44E-04	9.96E+02	2.31E-15	-14.64	Burns et al., 2015
480	277107	5103485	261		5.71E+02	2.01E-03	25.9	8.73E-04	9.97E+02	1.80E-11	-10.75	Burns et al., 2015
481	268562	5121664	306		2.18E+01	7.68E-05	26.5	8.61E-04	9.97E+02	6.77E-13	-12.17	Burns et al., 2015
482	267865	5119125	152		1.10E+01	3.87E-05	17.9	1.06E-03	9.99E+02	4.17E-13	-12.38	Burns et al., 2015
483	258860	5124882	95		9.73E+00	3.43E-05	14.7	1.14E-03	9.99E+02	4.01E-13	-12.40	Burns et al., 2015
484	256104	5125146	293		3.04E+01	1.07E-04	25.7	8.76E-04	9.97E+02	9.59E-13	-12.02	Burns et al., 2015
485	255720	5125193	55		2.90E+01	1.02E-04	13.4	1.19E-03	9.99E+02	1.24E-12	-11.91	Burns et al., 2015
486	276575	5131317	64		7.53E+01	2.66E-04	13.7	1.18E-03	9.99E+02	3.19E-12	-11.50	Burns et al., 2015
487	272687	5127567	32		1.89E+02	6.68E-04	12.6	1.21E-03	9.99E+02	8.26E-12	-11.08	Burns et al., 2015
488	277651	5124386	36		1.01E+02	3.56E-04	12.7	1.21E-03	9.99E+02	4.38E-12	-11.36	Burns et al., 2015
489	268197	5134659	479		3.31E+01	1.17E-04	36.1	7.03E-04	9.94E+02	8.41E-13	-12.07	Burns et al., 2015
490	259845	5135168	270		1.12E+03	3.96E-03	24.5	9.02E-04	9.97E+02	3.65E-11	-10.44	Burns et al., 2015
491	259907	5133496	128		4.57E+01	1.61E-04	16.6	1.09E-03	9.99E+02	1.80E-12	-11.75	Burns et al., 2015
492	267645	5133072	323		1.72E+02	6.07E-04	27.4	8.43E-04	9.96E+02	5.23E-12	-11.28	Burns et al., 2015
493	272470	5139566	37		1.50E+01	5.30E-05	12.8	1.21E-03	9.99E+02	6.52E-13	-12.19	Burns et al., 2015
494	390688	5093658	478		1.31E+01	4.63E-05	24.9	8.92E-04	9.97E+02	4.22E-13	-12.37	Burns et al., 2015
495	355169	5241271	660		2.77E+02	9.76E-04	41.2	6.37E-04	9.92E+02	6.39E-12	-11.19	Burns et al., 2015
496	338147	5254102	112		2.13E+02	7.50E-04	29.9	8.00E-04	9.96E+02	6.14E-12	-11.21	Burns et al., 2015

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497	351005	5235259	187		5.41E+01	1.91E-04	31.4	7.74E-04	9.95E+02	1.51E-12	-11.82	Burns et al., 2015
498	349294	5244013	244		3.08E+02	1.09E-03	32.6	7.55E-04	9.95E+02	8.41E-12	-11.08	Burns et al., 2015
499	348733	5242606	50		2.13E+02	7.51E-04	24.6	8.99E-04	9.97E+02	6.90E-12	-11.16	Burns et al., 2015
500	348217	5238913	175		7.56E+01	2.67E-04	31.1	7.78E-04	9.95E+02	2.13E-12	-11.67	Burns et al., 2015
501	357605	5240347	229		2.16E+02	7.62E-04	32.2	7.60E-04	9.95E+02	5.93E-12	-11.23	Burns et al., 2015
502	359127	5240742	198		1.75E+02	6.16E-04	31.6	7.70E-04	9.95E+02	4.86E-12	-11.31	Burns et al., 2015
503	360747	5237275	227		9.54E+01	3.37E-04	32.2	7.61E-04	9.95E+02	2.62E-12	-11.58	Burns et al., 2015
504	340459	5254316	109		6.18E+01	2.18E-04	29.8	8.01E-04	9.96E+02	1.79E-12	-11.75	Burns et al., 2015
505	348591	5248541	472		4.62E+02	1.63E-03	37.3	6.86E-04	9.93E+02	1.15E-11	-10.94	Burns et al., 2015
506	359696	5249624	213		3.53E+03	1.25E-02	31.9	7.65E-04	9.95E+02	9.77E-11	-10.01	Burns et al., 2015
507	360855	5246292	26		1.42E+04	5.01E-02	20.2	9.97E-04	9.98E+02	5.09E-10	-9.29	Burns et al., 2015
508	259531	5240597	46		8.31E+00	2.93E-05	8.4	1.36E-03	1.00E+03	4.07E-13	-12.39	Burns et al., 2015
509	264187	5242851	30		2.61E+02	9.20E-04	7.9	1.38E-03	1.00E+03	1.29E-11	-10.89	Burns et al., 2015
510	265460	5243110	40		1.04E+02	3.67E-04	8.2	1.37E-03	1.00E+03	5.12E-12	-11.29	Burns et al., 2015
511	265384	5242803	63		2.64E+01	9.32E-05	8.8	1.35E-03	1.00E+03	1.28E-12	-11.89	Burns et al., 2015
512	269097	5281332	223		8.19E-01	2.89E-06	14.9	1.14E-03	9.99E+02	3.36E-14	-13.47	Burns et al., 2015
513	269486	5281131	176		4.79E+00	1.69E-05	13.0	1.20E-03	9.99E+02	2.06E-13	-12.69	Burns et al., 2015
514	319980	5262016	122		8.87E+01	3.13E-04	11.8	1.24E-03	1.00E+03	3.95E-12	-11.40	Burns et al., 2015
515	328921	5274847	38		3.19E+03	1.12E-02	8.9	1.34E-03	1.00E+03	1.54E-10	-9.81	Burns et al., 2015
516	328477	5275355	168		8.38E+03	2.96E-02	13.3	1.19E-03	9.99E+02	3.58E-10	-9.45	Burns et al., 2015
517	337841	5271750	316		3.36E+02	1.19E-03	18.8	1.03E-03	9.98E+02	1.25E-11	-10.90	Burns et al., 2015
518	337805	5280216	311		1.34E+03	4.72E-03	18.6	1.04E-03	9.99E+02	4.99E-11	-10.30	Burns et al., 2015
519	238434	5061200	177		4.04E+01	1.42E-04	20.1	9.99E-04	9.98E+02	1.45E-12	-11.84	Burns et al., 2015
520	212024	5076250	40		5.06E+03	1.78E-02	16.1	1.10E-03	9.99E+02	2.01E-10	-9.70	Burns et al., 2015
521	212532	5070845	305		2.45E+01	8.63E-05	20.8	9.83E-04	9.98E+02	8.66E-13	-12.06	Burns et al., 2015
522	212837	5068543	140		1.44E+01	5.06E-05	19.7	1.01E-03	9.98E+02	5.22E-13	-12.28	Burns et al., 2015
523	214363	5080502	155		7.55E+00	2.66E-05	19.9	1.00E-03	9.98E+02	2.73E-13	-12.56	Burns et al., 2015
524	219257	5078763	48		9.31E+00	3.28E-05	16.5	1.09E-03	9.99E+02	3.66E-13	-12.44	Burns et al., 2015
525	220546	5078582	57		1.23E+01	4.33E-05	16.9	1.08E-03	9.99E+02	4.78E-13	-12.32	Burns et al., 2015
526	344974	5127836	64		1.61E+02	5.68E-04	15.6	1.12E-03	9.99E+02	6.49E-12	-11.19	Burns et al., 2015
527	343563	5137940	70		2.87E-01	1.01E-06	15.8	1.11E-03	9.99E+02	1.15E-14	-13.94	Burns et al., 2015

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528	345124	5129531	45		1.50E+03	5.31E-03	14.3	1.16E-03	9.99E+02	6.27E-11	-10.20	Burns et al., 2015
529	349939	5137317	23		1.02E+04	3.60E-02	12.9	1.20E-03	9.99E+02	4.41E-10	-9.36	Burns et al., 2015
530	340452	5148893	33		1.90E+01	6.70E-05	13.6	1.18E-03	9.99E+02	8.06E-13	-12.09	Burns et al., 2015
531	345679	5140450	91		2.39E+00	8.42E-06	16.4	1.10E-03	9.99E+02	9.43E-14	-13.03	Burns et al., 2015
532	350925	5146990	399		6.91E+02	2.44E-03	23.1	9.30E-04	9.98E+02	2.32E-11	-10.64	Burns et al., 2015
533	352171	5146465	340		1.65E+02	5.82E-04	21.8	9.59E-04	9.98E+02	5.71E-12	-11.24	Burns et al., 2015
534	352172	5145631	348		1.93E+03	6.82E-03	22.0	9.55E-04	9.98E+02	6.65E-11	-10.18	Burns et al., 2015
535	353854	5146332	354		6.57E+02	2.32E-03	22.1	9.52E-04	9.98E+02	2.25E-11	-10.65	Burns et al., 2015
536	359696	5145144	206		1.38E+01	4.86E-05	18.9	1.03E-03	9.98E+02	5.11E-13	-12.29	Burns et al., 2015
537	361112	5138904	205		1.15E+00	4.06E-06	18.8	1.03E-03	9.98E+02	4.28E-14	-13.37	Burns et al., 2015
538	346249	5108688	50		1.38E+01	4.88E-05	21.2	9.74E-04	9.98E+02	4.86E-13	-12.31	Burns et al., 2015
539	337149	5118651	169		2.65E+02	9.36E-04	26.0	8.71E-04	9.97E+02	8.33E-12	-11.08	Burns et al., 2015
540	344727	5119813	20		5.84E+04	2.06E-01	19.2	1.02E-03	9.98E+02	2.15E-09	-8.67	Burns et al., 2015
DC-6	316331	5162131	776	2.79E+00	3.52E-07	4.57E+01	44.8	9.89E+02	5.95E-04	2.16E-14	-13.67	Spane, FA (2013)
DC-6	316331	5162131	852	9.29E-01	1.80E-07	4.79E+01	47.7	9.88E+02	5.66E-04	1.05E-14	-13.98	Spane, FA (2013)
DC-6	316331	5162131	925	4.65E-03	2.05E-09	5.01E+01	50.5	9.87E+02	5.39E-04	1.14E-16	-15.94	Spane, FA (2013)
DC-6	316331	5162131	1032	9.29E-01	1.23E-07	5.53E+01	54.6	9.86E+02	5.04E-04	6.41E-15	-14.19	Spane, FA (2013)
DC-6	316331	5162131	1121	8.36E+00	1.08E-06	5.88E+01	58.0	9.84E+02	4.77E-04	5.34E-14	-13.27	Spane, FA (2013)
DC-6	316331	5162131	1296	9.29E-02	2.15E-08	6.47E+01	64.8	9.82E+02	4.31E-04	9.62E-16	-15.02	Spane, FA (2013)
DC-12	304818	5149189	797	4.18E-02	1.65E-08	4.52E+01	45.6	9.89E+02	5.87E-04	9.96E-16	-15.00	Spane, FA (2013)
DC-12	304818	5149189	863	1.86E+02	2.82E-04	4.74E+01	48.1	9.88E+02	5.62E-04	1.64E-11	-10.79	Spane, FA (2013)
DC-12	304818	5149189	934	1.39E-02	3.02E-09	5.10E+01	50.9	9.87E+02	5.36E-04	1.67E-16	-15.78	Spane, FA (2013)
DC-12	304818	5149189	988	4.65E-05	2.13E-11	5.25E+01	52.9	9.87E+02	5.18E-04	1.14E-18	-17.94	Spane, FA (2013)
DC-12	304818	5149189	1233	5.57E+01	4.32E-05	6.16E+01	62.3	9.83E+02	4.47E-04	2.00E-12	-11.70	Spane, FA (2013)
DC-14	322270	5148586	725	1.86E-02	3.21E-08	4.21E+01	42.8	9.90E+02	6.17E-04	2.04E-15	-14.69	Spane, FA (2013)
DC-14	322270	5148586	751	3.90E-01	5.93E-07	4.31E+01	43.8	9.90E+02	6.06E-04	3.70E-14	-13.43	Spane, FA (2013)
DC-14	322270	5148586	835	9.29E-03	2.11E-09	4.71E+01	47.1	9.88E+02	5.72E-04	1.25E-16	-15.90	Spane, FA (2013)
DC-14	322270	5148586	850	5.57E-03	3.71E-09	4.71E+01	47.6	9.88E+02	5.66E-04	2.17E-16	-15.66	Spane, FA (2013)
DC-14	322270	5148586	892	2.79E-02	1.11E-08	4.89E+01	49.3	9.88E+02	5.51E-04	6.33E-16	-15.20	Spane, FA (2013)
DC-14	322270	5148586	945	5.11E-01	2.31E-07	5.09E+01	51.3	9.87E+02	5.32E-04	1.27E-14	-13.90	Spane, FA (2013)
DC-14	322270	5148586	976	3.72E-01	3.14E-07	5.18E+01	52.5	9.87E+02	5.22E-04	1.69E-14	-13.77	Spane, FA (2013)

Well ID	Easting	Northing	Center Interval Depth (m)	T(m^2/d)	K (ft/d)	K (m/s)	Est. T (C°)	Viscosity (kg/(m*s))	Density (kg/m^3)	Bulk Perm. (m^2)	log perm	Source
DC-15	325233	5140505	696	2.04E+02	6.67E-05	4.15E+01	41.7	9.90E+02	6.29E-04	4.32E-12	-11.36	Spane, FA (2013)
DC-15	325233	5140505	740	1.86E-01	6.36E-08	4.32E+01	43.4	9.90E+02	6.10E-04	4.00E-15	-14.40	Spane, FA (2013)
DC-15	325233	5140505	768	1.65E+01	1.12E-05	4.39E+01	44.5	9.89E+02	5.99E-04	6.90E-13	-12.16	Spane, FA (2013)
DC-15	325233	5140505	831	7.53E-01	4.02E-07	4.64E+01	46.9	9.89E+02	5.74E-04	2.38E-14	-13.62	Spane, FA (2013)
DC-15	325233	5140505	866	2.97E-01	2.05E-07	4.76E+01	48.2	9.88E+02	5.61E-04	1.19E-14	-13.93	Spane, FA (2013)
DC-15	325233	5140505	926	2.30E+00	5.76E-07	5.05E+01	50.5	9.87E+02	5.39E-04	3.20E-14	-13.49	Spane, FA (2013)
DC-15	325233	5140505	997	6.41E-01	4.77E-07	5.26E+01	53.3	9.87E+02	5.15E-04	2.54E-14	-13.60	Spane, FA (2013)
DC-15	325233	5140505	1023	9.29E-02	3.18E-08	5.40E+01	54.3	9.86E+02	5.07E-04	1.67E-15	-14.78	Spane, FA (2013)
DC-15	325233	5140505	1104	4.83E-04	7.34E-10	5.66E+01	57.4	9.85E+02	4.82E-04	3.66E-17	-16.44	Spane, FA (2013)
DC-15	325233	5140505	1156	4.83E-03	1.76E-09	5.90E+01	59.4	9.84E+02	4.67E-04	8.54E-17	-16.07	Spane, FA (2013)
DC-15	325233	5140505	1277	4.74E-01	1.71E-07	6.36E+01	64.0	9.83E+02	4.36E-04	7.74E-15	-14.11	Spane, FA (2013)
DC-1	306969	5160653	820	1.24E+00	2.63E-07	4.66E+01	46.5	9.89E+02	5.78E-04	1.57E-14	-13.81	Spane, FA (2013)
DC-1	306969	5160653	860	1.86E-02	3.92E-09	4.81E+01	48.0	9.88E+02	5.63E-04	2.28E-16	-15.64	Spane, FA (2013)
DC-1	306969	5160653	980	6.78E+00	6.44E-06	5.19E+01	52.6	9.87E+02	5.21E-04	3.46E-13	-12.46	Spane, FA (2013)
DC-1	306969	5160653	970	3.81E-02	4.82E-08	5.15E+01	52.2	9.87E+02	5.24E-04	2.61E-15	-14.58	Spane, FA (2013)
DC-1	306969	5160653	1032	5.39E-02	1.56E-08	5.44E+01	54.6	9.86E+02	5.04E-04	8.14E-16	-15.09	Spane, FA (2013)
DC-1	306969	5160653	1175	4.09E-02	9.70E-09	6.00E+01	60.1	9.84E+02	4.62E-04	4.65E-16	-15.33	Spane, FA (2013)
DC-5	295741	5161567	906	7.25E-02	1.83E-07	4.90E+01	49.8	9.88E+02	5.46E-04	1.03E-14	-13.99	Spane, FA (2013)
DC-7	316710	5150155	1050	7.25E-02	3.92E-08	5.48E+01	55.3	9.86E+02	4.98E-04	2.02E-15	-14.69	Spane, FA (2013)
DC-8	316703	5150169	1050	7.25E-02	3.92E-08	5.48E+01	55.3	9.86E+02	4.98E-04	2.02E-15	-14.69	Spane, FA (2013)
RRL-2A	295942	5158434	858	6.04E-01	6.74E-07	4.72E+01	48.0	9.88E+02	5.63E-04	3.92E-14	-13.41	Spane, FA (2013)
RRL-2B/2A	295929	5158586	858	6.04E-01	6.74E-07	4.72E+01	48.0	9.88E+02	5.63E-04	3.92E-14	-13.41	Spane, FA (2013)
RRL-2B/2C	296006	5158591	858	1.39E-01	1.56E-07	4.72E+01	48.0	9.88E+02	5.63E-04	9.04E-15	-14.04	Spane, FA (2013)
RRL-14	293782	5159212	1193	7.99E-04	3.89E-10	6.03E+01	60.8	9.84E+02	4.57E-04	1.84E-17	-16.73	Spane, FA (2013)
RSH-1	285770	5145968	808	6.78E-04	3.39E-10	4.56E+01	46.0	9.89E+02	5.83E-04	2.03E-17	-16.69	Spane, FA (2013)
RSH-1	285770	5145968	991	3.62E-02	1.81E-08	5.25E+01	53.1	9.87E+02	5.17E-04	9.67E-16	-15.01	Spane, FA (2013)
RSH-1	285770	5145968	1267	2.23E-03	1.11E-09	6.31E+01	63.7	9.83E+02	4.38E-04	5.06E-17	-16.30	Spane, FA (2013)
RSH-1	285770	5145968	1484	3.44E-03	1.72E-09	7.14E+01	72.0	9.80E+02	3.88E-04	6.93E-17	-16.16	Spane, FA (2013)
RSH-1	285770	5145968	1816	3.34E-01	1.67E-07	8.40E+01	84.7	9.76E+02	3.27E-04	5.70E-15	-14.24	Spane, FA (2013)
RSH-1	285770	5145968	807	6.78E-05	4.77E-11	4.54E+01	46.0	9.89E+02	5.83E-04	2.87E-18	-17.54	Spane, FA (2013)
RSH-1	285770	5145968	866	2.97E-04	3.23E-10	4.76E+01	48.3	9.88E+02	5.60E-04	1.86E-17	-16.73	Spane, FA (2013)

Well ID	Easting	Northing	Center Interval Depth (m)	$T(m^2/d)$	K (ft/d)	K (m/s)	Est. T (C°)	Viscosity (kg/(m*s))	Density (kg/m^3)	Bulk Perm. (m^2)	log perm	Source
Canoe Ridge	282753	5084550	645	4.65E+00	9.64E-07	4.00E+01	39.8	9.91E+02	6.53E-04	6.48E-14	-13.19	Spane, FA (2013)
Canoe Ridge	282753	5084550	828	1.39E+00	2.94E-07	4.69E+01	46.8	9.88E+02	5.75E-04	1.74E-14	-13.76	Spane, FA (2013)
Canoe Ridge	282753	5084550	955	2.46E+01	4.35E-06	5.20E+01	51.7	9.87E+02	5.29E-04	2.38E-13	-12.62	Spane, FA (2013)
Wallula	352037	5107523	536	9.29E-01	3.09E-07	3.54E+01	35.6	9.92E+02	7.08E-04	2.25E-14	-13.65	Spane, FA (2013)
Wallula	352037	5107523	647	9.29E+00	7.91E-07	4.16E+01	39.8	9.90E+02	6.52E-04	5.31E-14	-13.27	Spane, FA (2013)
Wallula	352037	5107523	794	2.79E+00	6.26E-07	4.56E+01	45.5	9.89E+02	5.88E-04	3.80E-14	-13.42	Spane, FA (2013)
Wallula	352037	5107523	835	8.36E-01	3.11E-07	4.67E+01	47.1	9.89E+02	5.72E-04	1.84E-14	-13.74	Spane, FA (2013)
Wallula	352037	5107523	869	7.43E-02	2.35E-08	4.81E+01	48.4	9.88E+02	5.60E-04	1.36E-15	-14.87	Spane, FA (2013)
Wallula	352037	5107523	943	9.29E-04	9.56E-11	5.24E+01	51.2	9.87E+02	5.33E-04	5.27E-18	-17.28	Spane, FA (2013)
Wallula	352037	5107523	893	9.29E-03	4.26E-10	4.35E+01	49.3	9.90E+02	5.51E-04	2.41E-17	-16.62	Spane, FA (2013)
Wallula	352037	5107523	795	1.02E-01	2.05E-08	4.57E+01	45.5	9.89E+02	5.88E-04	1.24E-15	-14.91	Spane, FA (2013)
Wallula	352037	5107523	1191	9.29E-03	8.69E-10	6.21E+01	60.7	9.83E+02	4.58E-04	4.12E-17	-16.38	Spane, FA (2013)
DC-3	300216	5159645	1100	4.32E-07	3.13E-13	5.66E+01	57.2	9.85E+02	4.83E-04	1.56E-20	-19.81	Reidel et al., 2002
DC-4	295717	5161547	890	1.12E-07	8.67E-14	4.85E+01	49.2	9.88E+02	5.52E-04	4.94E-21	-20.31	Reidel et al., 2002
DC-4	295717	5161547	907	4.32E-02	1.00E-07	4.90E+01	49.8	9.88E+02	5.46E-04	5.63E-15	-14.25	Reidel et al., 2002
DC-5	295741	5161567	970	4.32E-07	4.17E-13	5.15E+01	52.2	9.87E+02	5.24E-04	2.26E-20	-19.65	Reidel et al., 2002
DC-6	316331	5162131	740	4.32E+00	3.85E-06	4.28E+01	43.4	9.90E+02	6.11E-04	2.42E-13	-12.62	Reidel et al., 2002
DC-6	316331	5162131	752	4.32E+00	6.25E-06	4.31E+01	43.9	9.90E+02	6.05E-04	3.90E-13	-12.41	Reidel et al., 2002
DC-6	316331	5162131	763	4.32E+00	1.25E-05	4.35E+01	44.3	9.90E+02	6.01E-04	7.74E-13	-12.11	Reidel et al., 2002
DC-6	316331	5162131	780	4.32E+00	7.14E-06	4.42E+01	44.9	9.89E+02	5.94E-04	4.37E-13	-12.36	Reidel et al., 2002
DC-6	316331	5162131	836	4.32E+00	1.67E-06	4.68E+01	47.1	9.89E+02	5.72E-04	9.83E-14	-13.01	Reidel et al., 2002
DC-6	316331	5162131	863	4.32E+00	2.63E-06	4.76E+01	48.1	9.88E+02	5.62E-04	1.52E-13	-12.82	Reidel et al., 2002
DC-6	316331	5162131	930	4.32E-02	5.56E-08	4.99E+01	50.7	9.87E+02	5.38E-04	3.08E-15	-14.51	Reidel et al., 2002
DC-6	316331	5162131	964	4.32E-02	9.80E-09	5.20E+01	52.0	9.87E+02	5.26E-04	5.33E-16	-15.27	Reidel et al., 2002
DC-6	316331	5162131	969	8.64E-06	1.41E-12	5.26E+01	52.2	9.87E+02	5.25E-04	7.63E-20	-19.12	Reidel et al., 2002
DC-6	316331	5162131	1020	8.64E-06	1.00E-11	5.34E+01	54.2	9.86E+02	5.08E-04	5.25E-19	-18.28	Reidel et al., 2002
DC-6	316331	5162131	1080	4.32E+00	1.00E-05	5.56E+01	56.5	9.86E+02	4.89E-04	5.06E-13	-12.30	Reidel et al., 2002
DC-6	316331	5162131	1090	4.32E+00	1.25E-05	5.60E+01	56.9	9.85E+02	4.86E-04	6.29E-13	-12.20	Reidel et al., 2002
DC-6	316331	5162131	1098	4.32E+00	5.00E-05	5.62E+01	57.1	9.85E+02	4.84E-04	2.50E-12	-11.60	Reidel et al., 2002
DC-6	316331	5162131	1101	4.32E+00	2.50E-05	5.63E+01	57.3	9.85E+02	4.83E-04	1.25E-12	-11.90	Reidel et al., 2002
DC-6	316331	5162131	1108	4.32E+00	5.00E-06	5.68E+01	57.5	9.85E+02	4.81E-04	2.49E-13	-12.60	Reidel et al., 2002

Well ID	Easting	Northing	Center Interval Depth (m)	T(m^2/d)	K (ft/d)	K (m/s)	Est. T (C°)	Viscosity (kg/(m*s))	Density (kg/m^3)	Bulk Perm. (m^2)	log perm	Source
DC-6	316331	5162131	1118	4.32E+00	1.25E-05	5.70E+01	57.9	9.85E+02	4.78E-04	6.19E-13	-12.21	Reidel et al., 2002
DC-6	316331	5162131	1141	4.32E+00	1.39E-06	5.85E+01	58.8	9.85E+02	4.72E-04	6.78E-14	-13.17	Reidel et al., 2002
DC-6	316331	5162131	1219	4.32E-07	4.76E-14	6.28E+01	61.8	9.83E+02	4.51E-04	2.22E-21	-20.65	Reidel et al., 2002
DC-6	316331	5162131	1281	4.32E-01	4.55E-07	6.34E+01	64.2	9.83E+02	4.35E-04	2.05E-14	-13.69	Reidel et al., 2002
DC-7	316710	5150155	1390	4.32E-01	1.84E-08	7.25E+01	68.4	9.80E+02	4.09E-04	7.82E-16	-15.11	Reidel et al., 2002
DC-7	316710	5150155	1262	4.32E-04	2.50E-09	6.25E+01	63.5	9.83E+02	4.39E-04	1.14E-16	-15.94	Reidel et al., 2002
DC-7	316710	5150155	1281	4.32E-04	1.25E-09	6.32E+01	64.2	9.83E+02	4.35E-04	5.63E-17	-16.25	Reidel et al., 2002
DC-7	316710	5150155	1290	4.32E-04	8.33E-10	6.36E+01	64.5	9.83E+02	4.32E-04	3.74E-17	-16.43	Reidel et al., 2002
DC-7	316710	5150155	1314	4.32E-04	8.33E-10	6.45E+01	65.5	9.82E+02	4.27E-04	3.69E-17	-16.43	Reidel et al., 2002
DC-7	316710	5150155	1332	4.32E-04	2.00E-10	6.56E+01	66.1	9.82E+02	4.22E-04	8.77E-18	-17.06	Reidel et al., 2002
DC-7	316710	5150155	1369	5.18E-02	2.00E-07	6.66E+01	67.6	9.82E+02	4.14E-04	8.59E-15	-14.07	Reidel et al., 2002
DC-7	316710	5150155	1379	5.18E-02	6.00E-08	6.71E+01	68.0	9.82E+02	4.11E-04	2.56E-15	-14.59	Reidel et al., 2002
DC-7	316710	5150155	1388	5.18E-02	2.00E-07	6.73E+01	68.3	9.82E+02	4.09E-04	8.50E-15	-14.07	Reidel et al., 2002
DC-7	316710	5150155	1394	5.18E-02	1.50E-07	6.76E+01	68.5	9.81E+02	4.08E-04	6.35E-15	-14.20	Reidel et al., 2002
DC-7	316710	5150155	1432	4.32E-01	1.67E-06	6.90E+01	70.0	9.81E+02	4.00E-04	6.92E-14	-13.16	Reidel et al., 2002
DC-7	316710	5150155	1451	4.32E-01	1.61E-07	7.02E+01	70.7	9.81E+02	3.95E-04	6.63E-15	-14.18	Reidel et al., 2002
DC-7/8	316703	5150169	1056	4.32E-02	8.33E-08	5.47E+01	55.6	9.86E+02	4.97E-04	4.28E-15	-14.37	Reidel et al., 2002
DC-12	304818	5149189	378	4.32E+01	5.56E-05	2.89E+01	29.5	9.95E+02	8.03E-04	4.57E-12	-11.34	Reidel et al., 2002
DC-12	304818	5149189	411	4.32E+01	4.55E-05	3.02E+01	30.8	9.94E+02	7.81E-04	3.64E-12	-11.44	Reidel et al., 2002
DC-12	304818	5149189	452	4.32E+00	1.61E-06	3.21E+01	32.3	9.94E+02	7.56E-04	1.25E-13	-12.90	Reidel et al., 2002
DC-12	304818	5149189	517	4.32E+00	1.25E-05	3.41E+01	34.9	9.93E+02	7.18E-04	9.22E-13	-12.04	Reidel et al., 2002
DC-12	304818	5149189	594	4.32E-02	2.17E-08	3.74E+01	37.8	9.92E+02	6.78E-04	1.52E-15	-14.82	Reidel et al., 2002
DC-12	304818	5149189	630	4.32E+01	5.56E-05	3.85E+01	39.2	9.91E+02	6.60E-04	3.77E-12	-11.42	Reidel et al., 2002
DC-12	304818	5149189	681	4.32E-02	7.14E-08	4.04E+01	41.1	9.91E+02	6.37E-04	4.68E-15	-14.33	Reidel et al., 2002
DC-12	304818	5149189	698	4.32E-01	7.14E-07	4.10E+01	41.8	9.90E+02	6.29E-04	4.62E-14	-13.34	Reidel et al., 2002
DC-12	304818	5149189	740	4.32E+00	7.14E-06	4.26E+01	43.4	9.90E+02	6.11E-04	4.49E-13	-12.35	Reidel et al., 2002
DC-12	304818	5149189	796	4.32E-02	2.17E-08	4.51E+01	45.5	9.89E+02	5.88E-04	1.32E-15	-14.88	Reidel et al., 2002
DC-12	304818	5149189	864	4.32E+02	1.67E-03	4.73E+01	48.2	9.88E+02	5.61E-04	9.65E-11	-10.02	Reidel et al., 2002
DC-12	304818	5149189	869	4.32E+01	1.25E-04	4.75E+01	48.4	9.88E+02	5.59E-04	7.21E-12	-11.14	Reidel et al., 2002
DC-12	304818	5149189	920	4.32E-02	3.57E-08	4.97E+01	50.3	9.88E+02	5.41E-04	1.99E-15	-14.70	Reidel et al., 2002
DC-12	304818	5149189	952	4.32E-02	8.33E-08	5.07E+01	51.6	9.87E+02	5.30E-04	4.56E-15	-14.34	Reidel et al., 2002

Well ID	Easting	Northing	Center Interval Depth (m)	T(m^2/d)	K (ft/d)	K (m/s)	Est. T (C°)	Viscosity (kg/(m*s))	Density (kg/m^3)	Bulk Perm. (m^2)	log perm	Source
DC-12	304818	5149189	945	4.32E-03	1.00E-08	5.04E+01	51.3	9.87E+02	5.33E-04	5.50E-16	-15.26	Reidel et al., 2002
DC-12	304818	5149189	984	8.64E-05	1.11E-10	5.20E+01	52.8	9.87E+02	5.20E-04	5.96E-18	-17.22	Reidel et al., 2002
DC-12	304818	5149189	993	8.64E-05	2.00E-10	5.23E+01	53.1	9.87E+02	5.17E-04	1.07E-17	-16.97	Reidel et al., 2002
DC-12	304818	5149189	1232	4.32E+01	5.00E-05	6.15E+01	62.3	9.83E+02	4.47E-04	2.32E-12	-11.64	Reidel et al., 2002
DC-12	304818	5149189	1302	4.32E+01	4.42E-06	6.61E+01	65.0	9.82E+02	4.30E-04	1.97E-13	-12.70	Reidel et al., 2002
DC-12	304818	5149189	1341	4.32E+01	1.47E-05	6.61E+01	66.5	9.82E+02	4.20E-04	6.41E-13	-12.19	Reidel et al., 2002
DC-14	311850	5171580	123	4.32E-01	8.33E-07	1.91E+01	19.7	9.98E+02	1.01E-03	8.55E-14	-13.07	Reidel et al., 2002
DC-14	311850	5171580	156	4.32E+00	4.17E-06	2.05E+01	21.0	9.98E+02	9.75E-04	4.15E-13	-12.38	Reidel et al., 2002
DC-14	311850	5171580	223	4.32E+01	2.94E-05	2.31E+01	23.5	9.97E+02	9.17E-04	2.76E-12	-11.56	Reidel et al., 2002
DC-14	311850	5171580	273	4.32E+02	8.33E-04	2.48E+01	25.5	9.96E+02	8.77E-04	7.48E-11	-10.13	Reidel et al., 2002
DC-14	311850	5171580	280	4.32E+02	2.50E-03	2.50E+01	25.8	9.96E+02	8.72E-04	2.23E-10	-9.65	Reidel et al., 2002
DC-14	311850	5171580	291	4.32E+01	8.33E-05	2.55E+01	26.2	9.96E+02	8.64E-04	7.37E-12	-11.13	Reidel et al., 2002
DC-14	311850	5171580	313	4.32E+00	1.43E-06	2.69E+01	27.0	9.95E+02	8.48E-04	1.24E-13	-12.91	Reidel et al., 2002
DC-14	311850	5171580	363	4.32E+01	5.00E-04	2.81E+01	28.9	9.95E+02	8.13E-04	4.16E-11	-10.38	Reidel et al., 2002
DC-14	311850	5171580	318	4.32E+02	4.81E-05	2.84E+01	27.2	9.95E+02	8.44E-04	4.16E-12	-11.38	Reidel et al., 2002
DC-14	311850	5171580	323	4.32E+02	4.90E-05	2.86E+01	27.4	9.95E+02	8.40E-04	4.22E-12	-11.37	Reidel et al., 2002
DC-14	311850	5171580	352	4.32E+02	4.42E-05	2.99E+01	28.5	9.94E+02	8.20E-04	3.72E-12	-11.43	Reidel et al., 2002
DC-14	311850	5171580	457	4.32E+00	1.25E-05	3.18E+01	32.5	9.94E+02	7.53E-04	9.65E-13	-12.02	Reidel et al., 2002
DC-14	311850	5171580	492	4.32E+01	6.25E-05	3.32E+01	33.9	9.93E+02	7.33E-04	4.70E-12	-11.33	Reidel et al., 2002
DC-14	311850	5171580	515	4.32E+01	1.00E-04	3.40E+01	34.8	9.93E+02	7.20E-04	7.39E-12	-11.13	Reidel et al., 2002
DC-14	311850	5171580	531	4.32E+01	1.67E-04	3.46E+01	35.4	9.93E+02	7.11E-04	1.22E-11	-10.91	Reidel et al., 2002
DC-14	311850	5171580	538	4.32E+01	1.67E-04	3.49E+01	35.6	9.93E+02	7.07E-04	1.21E-11	-10.92	Reidel et al., 2002
DC-14	311850	5171580	563	4.32E+01	1.00E-04	3.59E+01	36.6	9.92E+02	6.94E-04	7.13E-12	-11.15	Reidel et al., 2002
DC-14	311850	5171580	578	4.32E+02	8.33E-04	3.65E+01	37.2	9.92E+02	6.86E-04	5.87E-11	-10.23	Reidel et al., 2002
DC-14	311850	5171580	592	4.32E+02	5.00E-04	3.71E+01	37.7	9.92E+02	6.79E-04	3.49E-11	-10.46	Reidel et al., 2002
DC-14	311850	5171580	657	4.32E+01	6.25E-05	3.95E+01	40.2	9.91E+02	6.47E-04	4.16E-12	-11.38	Reidel et al., 2002
DC-14	311850	5171580	670	4.32E+01	1.67E-04	3.99E+01	40.7	9.91E+02	6.42E-04	1.10E-11	-10.96	Reidel et al., 2002
DC-14	311850	5171580	674	4.32E+01	1.67E-04	4.01E+01	40.9	9.91E+02	6.40E-04	1.10E-11	-10.96	Reidel et al., 2002
DC-14	311850	5171580	726	4.32E-02	7.14E-08	4.21E+01	42.9	9.90E+02	6.17E-04	4.53E-15	-14.34	Reidel et al., 2002
DC-14	311850	5171580	751	4.32E-02	6.25E-08	4.31E+01	43.8	9.90E+02	6.06E-04	3.90E-15	-14.41	Reidel et al., 2002
DC-14	311850	5171580	822	4.32E-02	1.00E-07	4.57E+01	46.5	9.89E+02	5.77E-04	5.95E-15	-14.23	Reidel et al., 2002

Well ID	Easting	Northing	Center Interval Depth (m)	T(m^2/d)	K (ft/d)	K (m/s)	Est. T (C°)	Viscosity (kg/(m*s))	Density (kg/m^3)	Bulk Perm. (m^2)	log perm	Source
DC-14	311850	5171580	837	4.32E-02	7.14E-08	4.63E+01	47.1	9.89E+02	5.72E-04	4.21E-15	-14.38	Reidel et al., 2002
DC-14	311850	5171580	866	4.32E-02	5.00E-08	4.75E+01	48.3	9.88E+02	5.60E-04	2.89E-15	-14.54	Reidel et al., 2002
DC-14	311850	5171580	881	4.32E-02	1.28E-08	4.86E+01	48.8	9.88E+02	5.55E-04	7.34E-16	-15.13	Reidel et al., 2002
DC-14	311850	5171580	946	4.32E+00	2.50E-06	5.08E+01	51.3	9.87E+02	5.32E-04	1.37E-13	-12.86	Reidel et al., 2002
DC-14	311850	5171580	978	4.32E-01	1.00E-06	5.17E+01	52.5	9.87E+02	5.22E-04	5.39E-14	-13.27	Reidel et al., 2002
DC-14	311850	5171580	1007	4.32E+00	3.13E-06	5.30E+01	53.7	9.86E+02	5.12E-04	1.65E-13	-12.78	Reidel et al., 2002
DC-15	325233	5140505	91	4.32E+01	6.25E-05	1.79E+01	18.5	9.99E+02	1.04E-03	6.61E-12	-11.18	Reidel et al., 2002
DC-15	325233	5140505	142	4.32E+01	2.94E-05	2.00E+01	20.4	9.98E+02	9.88E-04	2.97E-12	-11.53	Reidel et al., 2002
DC-15	325233	5140505	186	4.32E+00	1.00E-05	2.15E+01	22.1	9.97E+02	9.48E-04	9.69E-13	-12.01	Reidel et al., 2002
DC-15	325233	5140505	196	4.32E+00	1.00E-05	2.19E+01	22.5	9.97E+02	9.40E-04	9.61E-13	-12.02	Reidel et al., 2002
DC-15	325233	5140505	230	2.68E+00	1.63E-06	2.34E+01	23.8	9.97E+02	9.11E-04	1.52E-13	-12.82	Reidel et al., 2002
DC-15	325233	5140505	317	4.32E+00	3.57E-06	2.67E+01	27.2	9.95E+02	8.45E-04	3.09E-13	-12.51	Reidel et al., 2002
DC-15	325233	5140505	355	4.32E-02	7.14E-08	2.80E+01	28.6	9.95E+02	8.18E-04	5.99E-15	-14.22	Reidel et al., 2002
DC-15	325233	5140505	385	4.32E+02	3.57E-04	2.93E+01	29.8	9.95E+02	7.98E-04	2.92E-11	-10.53	Reidel et al., 2002
DC-15	325233	5140505	418	4.32E+01	1.67E-04	3.03E+01	31.0	9.94E+02	7.77E-04	1.33E-11	-10.88	Reidel et al., 2002
DC-15	325233	5140505	430	4.32E-01	2.50E-06	3.07E+01	31.5	9.94E+02	7.69E-04	1.97E-13	-12.71	Reidel et al., 2002
DC-15	325233	5140505	456	4.32E+02	1.00E-03	3.18E+01	32.5	9.94E+02	7.54E-04	7.73E-11	-10.11	Reidel et al., 2002
DC-15	325233	5140505	466	4.32E+01	1.00E-04	3.22E+01	32.9	9.94E+02	7.48E-04	7.67E-12	-11.12	Reidel et al., 2002
DC-15	325233	5140505	478	4.32E+02	8.33E-04	3.27E+01	33.4	9.93E+02	7.41E-04	6.33E-11	-10.20	Reidel et al., 2002
DC-15	325233	5140505	531	4.32E-01	5.00E-06	3.46E+01	35.4	9.93E+02	7.11E-04	3.65E-13	-12.44	Reidel et al., 2002
DC-15	325233	5140505	552	4.32E-01	2.78E-07	3.57E+01	36.2	9.92E+02	7.00E-04	2.00E-14	-13.70	Reidel et al., 2002
DC-15	325233	5140505	567	4.32E+02	4.17E-04	3.62E+01	36.8	9.92E+02	6.92E-04	2.96E-11	-10.53	Reidel et al., 2002
DC-15	325233	5140505	653	4.32E-01	3.13E-07	3.95E+01	40.1	9.91E+02	6.49E-04	2.09E-14	-13.68	Reidel et al., 2002
DC-15	325233	5140505	686	4.32E+02	5.00E-03	4.05E+01	41.3	9.91E+02	6.34E-04	3.26E-10	-9.49	Reidel et al., 2002
DC-15	325233	5140505	695	4.32E+02	5.56E-04	4.10E+01	41.7	9.91E+02	6.30E-04	3.60E-11	-10.44	Reidel et al., 2002
DC-15	325233	5140505	746	4.32E-01	1.67E-06	4.28E+01	43.6	9.90E+02	6.08E-04	1.04E-13	-12.98	Reidel et al., 2002
DC-15	325233	5140505	772	4.32E+01	7.14E-05	4.39E+01	44.6	9.90E+02	5.97E-04	4.40E-12	-11.36	Reidel et al., 2002
DC-15	325233	5140505	833	4.32E-01	2.50E-06	4.61E+01	47.0	9.89E+02	5.73E-04	1.48E-13	-12.83	Reidel et al., 2002
DC-15	325233	5140505	868	4.32E-01	4.55E-07	4.76E+01	48.3	9.88E+02	5.60E-04	2.63E-14	-13.58	Reidel et al., 2002
DC-15	325233	5140505	1024	4.32E-01	3.33E-07	5.36E+01	54.3	9.86E+02	5.07E-04	1.75E-14	-13.76	Reidel et al., 2002
DC-15	325233	5140505	1155	4.32E-03	1.85E-09	5.89E+01	59.3	9.84E+02	4.68E-04	8.97E-17	-16.05	Reidel et al., 2002

Well ID	Easting	Northing	Center Interval Depth (m)	$T(m^2/d)$	K (ft/d)	K (m/s)	Est. T (C°)	Viscosity (kg/(m*s))	Density (kg/m^3)	Bulk Perm. (m^2)	log perm	Source
DC-15	325233	5140505	1272	4.32E-01	5.00E-07	6.30E+01	63.8	9.83E+02	4.37E-04	2.27E-14	-13.64	Reidel et al., 2002
DC-15	325233	5140505	1284	4.32E-01	1.00E-06	6.34E+01	64.3	9.83E+02	4.34E-04	4.50E-14	-13.35	Reidel et al., 2002
DC-16A	295938	5156024	227	4.32E+02	1.32E-04	2.37E+01	23.7	9.96E+02	9.13E-04	1.23E-11	-10.91	Reidel et al., 2002
DC-16A	295938	5156024	297	4.32E+00	2.63E-06	2.60E+01	26.4	9.96E+02	8.60E-04	2.32E-13	-12.64	Reidel et al., 2002
DC-16A	295938	5156024	348	4.32E-01	2.27E-07	2.80E+01	28.4	9.95E+02	8.23E-04	1.92E-14	-13.72	Reidel et al., 2002
DC-16A	295938	5156024	448	4.32E+01	1.72E-05	3.19E+01	32.2	9.94E+02	7.59E-04	1.34E-12	-11.87	Reidel et al., 2002
DC-16A	295938	5156024	521	4.32E-01	5.00E-06	3.42E+01	35.0	9.93E+02	7.17E-04	3.68E-13	-12.43	Reidel et al., 2002
DC-16A	295938	5156024	542	4.32E+03	1.25E-02	3.51E+01	35.8	9.93E+02	7.05E-04	9.05E-10	-9.04	Reidel et al., 2002
DC-16A	295938	5156024	595	4.32E+02	1.67E-03	3.70E+01	37.8	9.92E+02	6.78E-04	1.16E-10	-9.94	Reidel et al., 2002
DC-16A	295938	5156024	650	4.32E+00	1.67E-05	3.91E+01	39.9	9.91E+02	6.51E-04	1.12E-12	-11.95	Reidel et al., 2002
DC-16A	295938	5156024	683	4.32E+02	2.50E-03	4.04E+01	41.2	9.91E+02	6.35E-04	1.63E-10	-9.79	Reidel et al., 2002
DC-16A	295938	5156024	696	4.32E+00	1.25E-05	4.09E+01	41.7	9.91E+02	6.30E-04	8.10E-13	-12.09	Reidel et al., 2002
DC-16A	295938	5156024	706	4.32E+00	1.25E-05	4.13E+01	42.1	9.90E+02	6.25E-04	8.04E-13	-12.09	Reidel et al., 2002
DC-16A	295938	5156024	712	4.32E+00	1.00E-05	4.15E+01	42.3	9.90E+02	6.23E-04	6.41E-13	-12.19	Reidel et al., 2002
DC-16A	295938	5156024	719	4.32E+00	6.25E-06	4.19E+01	42.6	9.90E+02	6.19E-04	3.99E-13	-12.40	Reidel et al., 2002
DC-16A	295938	5156024	771	4.32E+02	2.78E-04	4.41E+01	44.6	9.89E+02	5.98E-04	1.71E-11	-10.77	Reidel et al., 2002
DC-16A	295938	5156024	797	4.32E+01	5.00E-05	4.49E+01	45.6	9.89E+02	5.87E-04	3.02E-12	-11.52	Reidel et al., 2002
DC-16A	295938	5156024	827	4.32E+01	1.25E-04	4.59E+01	46.8	9.89E+02	5.75E-04	7.41E-12	-11.13	Reidel et al., 2002
DC-16A	295938	5156024	877	4.32E+00	3.13E-06	4.81E+01	48.7	9.88E+02	5.56E-04	1.79E-13	-12.75	Reidel et al., 2002
DC-16A	295938	5156024	914	4.32E-01	5.00E-07	4.94E+01	50.1	9.88E+02	5.43E-04	2.80E-14	-13.55	Reidel et al., 2002
DC-16A	295938	5156024	926	4.32E-01	7.14E-07	4.97E+01	50.5	9.88E+02	5.39E-04	3.98E-14	-13.40	Reidel et al., 2002
DC-16A	295938	5156024	1010	4.32E-04	2.63E-10	5.32E+01	53.8	9.86E+02	5.11E-04	1.39E-17	-16.86	Reidel et al., 2002
DC-16A	295938	5156024	1048	4.32E-05	1.47E-11	5.49E+01	55.2	9.86E+02	4.99E-04	7.59E-19	-18.12	Reidel et al., 2002
DC-16A	295938	5156024	1118	4.32E-01	1.92E-07	5.74E+01	57.9	9.85E+02	4.78E-04	9.52E-15	-14.02	Reidel et al., 2002
DC-16A	295938	5156024	1158	4.32E-04	1.22E-10	5.92E+01	59.4	9.84E+02	4.67E-04	5.90E-18	-17.23	Reidel et al., 2002
DC-16A	295938	5156024	1206	8.64E-02	1.43E-07	6.04E+01	61.3	9.84E+02	4.54E-04	6.72E-15	-14.17	Reidel et al., 2002
DC-19C	300012	5155090	512	4.32E+01	5.56E-05	3.40E+01	34.6	9.93E+02	7.22E-04	4.12E-12	-11.39	Reidel et al., 2002
DC-19C	300012	5155090	583	4.32E+00	3.13E-06	3.68E+01	37.4	9.92E+02	6.83E-04	2.19E-13	-12.66	Reidel et al., 2002
DC-19C	300012	5155090	859	4.32E-02	4.55E-08	4.73E+01	48.0	9.88E+02	5.63E-04	2.64E-15	-14.58	Reidel et al., 2002
DC-19C	300012	5155090	966	4.32E-06	3.57E-12	5.14E+01	52.1	9.87E+02	5.25E-04	1.94E-19	-18.71	Reidel et al., 2002
DC-19C	300012	5155090	1106	4.32E+00	2.38E-06	5.69E+01	57.5	9.85E+02	4.82E-04	1.19E-13	-12.93	Reidel et al., 2002

Well ID	Easting	Northing	Center Interval Depth (m)	T(m^2/d)	K (ft/d)	K (m/s)	Est. T (C°)	Viscosity (kg/(m*s))	Density (kg/m^3)	Bulk Perm. (m^2)	log perm	Source
DC-20C	297294	5160688	571	4.32E+02	7.14E-04	3.62E+01	36.9	9.92E+02	6.90E-04	5.06E-11	-10.30	Reidel et al., 2002
DC-20C	297294	5160688	738	4.32E+00	5.00E-06	4.26E+01	43.3	9.90E+02	6.11E-04	3.15E-13	-12.50	Reidel et al., 2002
DC-20C	297294	5160688	896	4.32E-02	1.67E-07	4.85E+01	49.4	9.88E+02	5.50E-04	9.45E-15	-14.02	Reidel et al., 2002
DC-20C	297294	5160688	1100	4.32E-02	1.47E-08	5.69E+01	57.2	9.85E+02	4.83E-04	7.36E-16	-15.13	Reidel et al., 2002
DC-22C	293868	5159838	882	4.32E-03	6.25E-09	4.81E+01	48.9	9.88E+02	5.55E-04	3.58E-16	-15.45	Reidel et al., 2002
DC-22C	293868	5159838	1146	4.32E+01	1.35E-05	5.87E+01	59.0	9.84E+02	4.70E-04	6.58E-13	-12.18	Reidel et al., 2002
DC-23GR	296428	5163774	422	4.32E+02	2.08E-04	3.09E+01	31.2	9.94E+02	7.74E-04	1.65E-11	-10.78	Reidel et al., 2002
DC-23GR	296428	5163774	490	4.32E+03	2.94E-03	3.33E+01	33.8	9.93E+02	7.34E-04	2.22E-10	-9.65	Reidel et al., 2002
DC-23GR	296428	5163774	666	8.64E-01	5.56E-07	4.01E+01	40.6	9.91E+02	6.43E-04	3.68E-14	-13.43	Reidel et al., 2002
DC-23GR	296428	5163774	750	4.32E-03	3.33E-09	4.32E+01	43.8	9.90E+02	6.06E-04	2.08E-16	-15.68	Reidel et al., 2002
DC-23GR	296428	5163774	809	4.32E-03	2.08E-09	4.56E+01	46.1	9.89E+02	5.82E-04	1.25E-16	-15.90	Reidel et al., 2002
DC-23GR	296428	5163774	899	8.64E-03	6.25E-09	4.89E+01	49.5	9.88E+02	5.48E-04	3.54E-16	-15.45	Reidel et al., 2002
DC-23GR	296428	5163774	1017	4.32E-02	2.38E-08	5.35E+01	54.0	9.86E+02	5.09E-04	1.25E-15	-14.90	Reidel et al., 2002
DB-1	325193	5145745	300	4.32E+02	1.00E-03	2.58E+01	26.5	9.96E+02	8.57E-04	8.78E-11	-10.06	Reidel et al., 2002
DB-1	325193	5145745	338	4.32E+01	2.78E-05	2.75E+01	28.0	9.95E+02	8.30E-04	2.36E-12	-11.63	Reidel et al., 2002
DB-2	322355	5148704	278	4.32E+02	6.25E-04	2.51E+01	25.7	9.96E+02	8.73E-04	5.59E-11	-10.25	Reidel et al., 2002
DB-2	322355	5148704	360	4.32E-01	7.14E-07	2.81E+01	28.8	9.95E+02	8.15E-04	5.96E-14	-13.22	Reidel et al., 2002
DB-2	322355	5148704	376	3.02E-05	1.40E-11	2.91E+01	29.4	9.95E+02	8.04E-04	1.15E-18	-17.94	Reidel et al., 2002
DB-2	322355	5148704	318	4.32E+01	5.00E-05	2.66E+01	27.2	9.95E+02	8.44E-04	4.32E-12	-11.36	Reidel et al., 2002
DB-2	322355	5148704	337	4.32E+01	1.67E-04	2.72E+01	27.9	9.95E+02	8.31E-04	1.42E-11	-10.85	Reidel et al., 2002
DB-4	313124	5156329	422	4.32E+02	3.85E-04	3.06E+01	31.2	9.94E+02	7.75E-04	3.05E-11	-10.51	Reidel et al., 2002
DB-5	322510	5148601	266	4.32E+01	2.17E-05	2.49E+01	25.2	9.96E+02	8.83E-04	1.96E-12	-11.71	Reidel et al., 2002
DB-7	313664	5140762	242	4.32E+02	5.00E-04	2.37E+01	24.3	9.96E+02	9.01E-04	4.61E-11	-10.34	Reidel et al., 2002
DB-9	322317	5148488	165	4.32E+01	1.61E-05	2.12E+01	21.3	9.97E+02	9.67E-04	1.59E-12	-11.80	Reidel et al., 2002
DB-10	322304	5148551	265	4.32E-02	3.33E-08	2.47E+01	25.2	9.96E+02	8.84E-04	3.01E-15	-14.52	Reidel et al., 2002
DB-11	322224	5148532	286	4.32E-02	1.16E-08	2.60E+01	26.0	9.96E+02	8.68E-04	1.03E-15	-14.99	Reidel et al., 2002
DB-12	322215	5148594	367	4.32E+02	1.25E-03	2.84E+01	29.1	9.95E+02	8.10E-04	1.04E-10	-9.98	Reidel et al., 2002
DB-12	322215	5148594	136	4.32E+03	1.22E-03	2.03E+01	20.2	9.98E+02	9.93E-04	1.24E-10	-9.91	Reidel et al., 2002
DB-12	322215	5148594	180	4.32E+03	5.00E-02	2.12E+01	21.9	9.97E+02	9.54E-04	4.87E-09	-8.31	Reidel et al., 2002
DB-12	322215	5148594	209	4.32E+02	1.67E-03	2.23E+01	23.0	9.97E+02	9.29E-04	1.58E-10	-9.80	Reidel et al., 2002
DB-13	322231	5148600	116	4.32E+01	5.00E-04	1.87E+01	19.4	9.98E+02	1.01E-03	5.17E-11	-10.29	Reidel et al., 2002

Well ID	Easting	Northing	Center Interval Depth (m)	$T(m^2/d)$	K (ft/d)	K (m/s)	Est. T (C°)	Viscosity (kg/(m*s))	Density (kg/m^3)	Bulk Perm. (m^2)	log perm	Source
DB-13	322231	5148600	152	4.32E+01	2.27E-05	2.05E+01	20.8	9.98E+02	9.78E-04	2.27E-12	-11.64	Reidel et al., 2002
DB-13	322231	5148600	222	4.32E+01	8.33E-05	2.29E+01	23.5	9.97E+02	9.18E-04	7.82E-12	-11.11	Reidel et al., 2002
DB-13	322231	5148600	276	4.32E+01	2.17E-05	2.52E+01	25.6	9.96E+02	8.75E-04	1.95E-12	-11.71	Reidel et al., 2002
DB-13	322231	5148600	379	4.32E+02	1.67E-04	2.93E+01	29.6	9.95E+02	8.02E-04	1.37E-11	-10.86	Reidel et al., 2002
DB-14	322270	5148586	76	8.64E-01	4.17E-07	1.77E+01	17.9	9.99E+02	1.05E-03	4.47E-14	-13.35	Reidel et al., 2002
DB-14	322270	5148586	149	4.32E+00	2.50E-05	2.00E+01	20.7	9.98E+02	9.81E-04	2.51E-12	-11.60	Reidel et al., 2002
DB-14	322270	5148586	195	4.32E+02	3.57E-04	2.20E+01	22.5	9.97E+02	9.40E-04	3.43E-11	-10.46	Reidel et al., 2002
DB-14	322270	5148586	295	4.32E+01	1.67E-05	2.61E+01	26.3	9.96E+02	8.61E-04	1.47E-12	-11.83	Reidel et al., 2002
DB-15	322222	5148645	60	4.41E+01	3.00E-05	1.69E+01	17.3	9.99E+02	1.07E-03	3.27E-12	-11.49	Reidel et al., 2002
DB-15	322222	5148645	126	7.08E-01	1.17E-06	1.92E+01	19.8	9.98E+02	1.00E-03	1.20E-13	-12.92	Reidel et al., 2002
DB-15	322222	5148645	173	1.56E+02	6.21E-05	2.14E+01	21.6	9.97E+02	9.60E-04	6.09E-12	-11.22	Reidel et al., 2002
DB-15	322222	5148645	206	4.32E+01	1.00E-04	2.22E+01	22.9	9.97E+02	9.31E-04	9.52E-12	-11.02	Reidel et al., 2002
DB-15	322222	5148645	220	4.32E+02	2.50E-04	2.31E+01	23.4	9.97E+02	9.19E-04	2.35E-11	-10.63	Reidel et al., 2002
DB-15	322222	5148645	244	4.32E+02	1.85E-04	2.41E+01	24.4	9.96E+02	9.00E-04	1.71E-11	-10.77	Reidel et al., 2002
DB-15	322222	5148645	286	4.32E+02	4.55E-04	2.54E+01	26.0	9.96E+02	8.68E-04	4.04E-11	-10.39	Reidel et al., 2002
DB-15	322222	5148645	330	4.32E+02	3.57E-04	2.72E+01	27.7	9.95E+02	8.35E-04	3.06E-11	-10.51	Reidel et al., 2002
DB-15	322222	5148645	344	4.32E-06	4.17E-12	2.77E+01	28.2	9.95E+02	8.26E-04	3.52E-19	-18.45	Reidel et al., 2002
DB-15	322222	5148645	354	4.32E+01	4.55E-06	2.99E+01	28.6	9.94E+02	8.19E-04	3.81E-13	-12.42	Reidel et al., 2002
DB-15	322222	5148645	416	4.32E+01	1.25E-04	3.02E+01	31.0	9.94E+02	7.78E-04	9.97E-12	-11.00	Reidel et al., 2002
DB-15	322222	5148645	436	4.32E+01	5.56E-05	3.11E+01	31.7	9.94E+02	7.66E-04	4.36E-12	-11.36	Reidel et al., 2002
DB-15	322222	5148645	456	4.32E+00	2.38E-06	3.21E+01	32.5	9.94E+02	7.54E-04	1.84E-13	-12.73	Reidel et al., 2002
DB-15	322222	5148645	483	4.32E+01	1.67E-04	3.28E+01	33.5	9.93E+02	7.38E-04	1.26E-11	-10.90	Reidel et al., 2002
DB-15	322222	5148645	534	4.32E-03	1.67E-08	3.47E+01	35.5	9.93E+02	7.09E-04	1.21E-15	-14.92	Reidel et al., 2002
DB-15	322222	5148645	571	4.32E-04	8.33E-10	3.62E+01	36.9	9.92E+02	6.90E-04	5.90E-17	-16.23	Reidel et al., 2002
DB-15	322222	5148645	599	8.64E-07	2.50E-12	3.72E+01	38.0	9.92E+02	6.75E-04	1.74E-19	-18.76	Reidel et al., 2002
RRL-2A	295942	5158434	434	4.32E-03	3.13E-09	3.12E+01	31.7	9.94E+02	7.67E-04	2.46E-16	-15.61	Reidel et al., 2002
RRL-2A	295942	5158434	519	4.32E+01	7.14E-05	3.42E+01	34.9	9.93E+02	7.18E-04	5.26E-12	-11.28	Reidel et al., 2002
RRL-2A	295942	5158434	535	4.32E+02	1.67E-03	3.47E+01	35.5	9.93E+02	7.09E-04	1.21E-10	-9.92	Reidel et al., 2002
RRL-2A	295942	5158434	590	4.32E+02	7.14E-04	3.69E+01	37.6	9.92E+02	6.80E-04	4.99E-11	-10.30	Reidel et al., 2002
RRL-2A	295942	5158434	643	4.32E+02	1.67E-03	3.89E+01	39.7	9.91E+02	6.54E-04	1.12E-10	-9.95	Reidel et al., 2002
RRL-2A	295942	5158434	677	4.32E+02	5.00E-03	4.01E+01	41.0	9.91E+02	6.38E-04	3.28E-10	-9.48	Reidel et al., 2002

Well ID	Easting	Northing	Center Interval Depth (m)	$T(m^2/d)$	K (ft/d)	K (m/s)	Est. T (C°)	Viscosity (kg/(m*s))	Density (kg/m^3)	Bulk Perm. (m^2)	log perm	Source
RRL-2A	295942	5158434	696	4.32E+02	7.14E-04	4.10E+01	41.7	9.91E+02	6.30E-04	4.63E-11	-10.33	Reidel et al., 2002
RRL-2A	295942	5158434	730	4.32E+02	5.00E-04	4.23E+01	43.0	9.90E+02	6.15E-04	3.16E-11	-10.50	Reidel et al., 2002
RRL-2A	295942	5158434	761	4.32E+02	1.25E-03	4.34E+01	44.2	9.90E+02	6.02E-04	7.75E-11	-10.11	Reidel et al., 2002
RRL-2A	295942	5158434	798	4.32E+02	1.25E-03	4.48E+01	45.6	9.89E+02	5.87E-04	7.56E-11	-10.12	Reidel et al., 2002
RRL-2A	295942	5158434	817	4.32E-01	8.33E-07	4.56E+01	46.4	9.89E+02	5.79E-04	4.97E-14	-13.30	Reidel et al., 2002
RRL-2A	295942	5158434	835	4.32E-01	4.17E-07	4.64E+01	47.1	9.89E+02	5.72E-04	2.46E-14	-13.61	Reidel et al., 2002
RRL-2A	295942	5158434	863	4.32E-01	8.33E-07	4.73E+01	48.1	9.88E+02	5.62E-04	4.83E-14	-13.32	Reidel et al., 2002
RRL-2A	295942	5158434	902	4.32E-06	3.33E-12	4.90E+01	49.6	9.88E+02	5.48E-04	1.88E-19	-18.72	Reidel et al., 2002
RRL-2A	295942	5158434	915	3.89E-03	7.50E-09	4.93E+01	50.1	9.88E+02	5.43E-04	4.20E-16	-15.38	Reidel et al., 2002
RRL-2A	295942	5158434	943	2.42E-05	5.60E-11	5.04E+01	51.2	9.87E+02	5.33E-04	3.08E-18	-17.51	Reidel et al., 2002
RRL-2A	295942	5158434	979	4.06E-07	2.24E-13	5.20E+01	52.6	9.87E+02	5.21E-04	1.21E-20	-19.92	Reidel et al., 2002
RRL-2A	295942	5158434	1004	7.08E+01	3.42E-05	5.31E+01	53.6	9.86E+02	5.13E-04	1.81E-12	-11.74	Reidel et al., 2002
RRL-2A	295942	5158434	1033	4.32E-05	1.25E-10	5.38E+01	54.7	9.86E+02	5.04E-04	6.51E-18	-17.19	Reidel et al., 2002
RRL-2A	295942	5158434	1044	4.32E-05	7.14E-11	5.42E+01	55.1	9.86E+02	5.00E-04	3.70E-18	-17.43	Reidel et al., 2002
RRL-2A	295942	5158434	1062	4.32E-05	8.33E-11	5.49E+01	55.8	9.86E+02	4.95E-04	4.26E-18	-17.37	Reidel et al., 2002
RRL-2A	295942	5158434	1092	4.32E-06	7.14E-12	5.61E+01	56.9	9.85E+02	4.86E-04	3.59E-19	-18.44	Reidel et al., 2002
RRL-2A	295942	5158434	1120	4.41E+01	1.06E-05	5.79E+01	58.0	9.85E+02	4.78E-04	5.25E-13	-12.28	Reidel et al., 2002
RRL-2A	295942	5158434	1142	4.32E-01	1.67E-06	5.79E+01	58.8	9.85E+02	4.72E-04	8.13E-14	-13.09	Reidel et al., 2002
RRL-2A	295942	5158434	1154	1.47E-06	1.31E-12	5.86E+01	59.3	9.84E+02	4.68E-04	6.34E-20	-19.20	Reidel et al., 2002
RRL-2A	295942	5158434	1165	8.12E+01	4.70E-04	5.88E+01	59.7	9.84E+02	4.65E-04	2.26E-11	-10.65	Reidel et al., 2002
RRL-2A	295942	5158434	1174	4.32E+01	6.25E-05	5.92E+01	60.1	9.84E+02	4.62E-04	2.99E-12	-11.52	Reidel et al., 2002
RRL-2B/A	295929	5158586	863	6.05E-01	1.17E-06	4.73E+01	48.1	9.88E+02	5.62E-04	6.76E-14	-13.17	Reidel et al., 2002
RRL-2B/C	295929	5158586	861	1.38E-01	2.67E-07	4.73E+01	48.1	9.88E+02	5.62E-04	1.55E-14	-13.81	Reidel et al., 2002
RRL-2C	296006	5158591	886	4.32E-05	7.14E-11	4.82E+01	49.0	9.88E+02	5.53E-04	4.08E-18	-17.39	Reidel et al., 2002
RRL-2C	296006	5158591	912	4.32E-05	1.00E-10	4.92E+01	50.0	9.88E+02	5.44E-04	5.61E-18	-17.25	Reidel et al., 2002
RRL-2C	296006	5158591	963	4.32E-05	7.14E-11	5.12E+01	52.0	9.87E+02	5.27E-04	3.88E-18	-17.41	Reidel et al., 2002
RRL-2C	296006	5158591	991	4.32E+01	4.17E-05	5.23E+01	53.1	9.87E+02	5.17E-04	2.23E-12	-11.65	Reidel et al., 2002
RRL-2C	296006	5158591	1014	4.32E-05	7.14E-11	5.31E+01	53.9	9.86E+02	5.10E-04	3.76E-18	-17.42	Reidel et al., 2002
RRL-6	294429	5156771	649	4.32E-06	1.25E-11	3.91E+01	39.9	9.91E+02	6.51E-04	8.37E-19	-18.08	Reidel et al., 2002
RRL-7	295789	5160426	655	4.32E-06	5.00E-11	3.93E+01	40.1	9.91E+02	6.49E-04	3.34E-18	-17.48	Reidel et al., 2002
RRL-8	293735	5161027	946	4.32E-06	1.00E-11	5.05E+01	51.3	9.87E+02	5.32E-04	5.50E-19	-18.26	Reidel et al., 2002

Well ID	**Easting**	**Northing**	**Center Interval Depth (m)**	**T(m^2/d)**	**K (ft/d)**	**K (m/s)**	**Est. T (C°)**	**Viscosity (kg/(m*s))**	**Density (kg/m^3)**	**Bulk Perm. (m^2)**	**log perm**	**Source**
RRL-9	297185	5158520	985	4.32E-07	8.06E-14	5.31E+01	52.8	9.86E+02	5.19E-04	4.33E-21	-20.36	Reidel et al., 2002
RRL-10	294514	5157828	1029	4.32E-04	2.50E-10	5.39E+01	54.5	9.86E+02	5.05E-04	1.31E-17	-16.88	Reidel et al., 2002
RRL-11	292675	5157359	1115	8.64E-08	4.55E-14	5.73E+01	57.8	9.85E+02	4.79E-04	2.25E-21	-20.65	Reidel et al., 2002
RRL-12	296041	5156079	1147	4.32E-01	1.72E-07	5.86E+01	59.0	9.84E+02	4.70E-04	8.39E-15	-14.08	Reidel et al., 2002
RRL-13	299980	5155006	1183	4.32E-07	1.47E-13	6.01E+01	60.4	9.84E+02	4.60E-04	7.01E-21	-20.15	Reidel et al., 2002
RRL-14	293782	5159212	1205	4.32E-04	1.67E-09	6.03E+01	61.3	9.84E+02	4.54E-04	7.84E-17	-16.11	Reidel et al., 2002
RRL-16	296342	5157752	984	4.32E-07	9.43E-14	5.28E+01	52.8	9.86E+02	5.20E-04	5.06E-21	-20.30	Reidel et al., 2002
RRL-17	296811	5159633	1024	4.32E+00	2.08E-06	5.38E+01	54.3	9.86E+02	5.07E-04	1.09E-13	-12.96	Reidel et al., 2002
McGee	290212	5162800	249	4.32E+03	1.25E-02	2.39E+01	24.6	9.96E+02	8.96E-04	1.15E-09	-8.94	Reidel et al., 2002
McGee	290212	5162800	284	4.32E+03	1.67E-02	2.52E+01	25.9	9.96E+02	8.69E-04	1.48E-09	-8.83	Reidel et al., 2002
McGee	290212	5162800	558	4.32E-01	1.00E-06	3.57E+01	36.4	9.92E+02	6.97E-04	7.16E-14	-13.15	Reidel et al., 2002
McGee	290212	5162800	569	4.32E-03	1.67E-08	3.60E+01	36.8	9.92E+02	6.91E-04	1.18E-15	-14.93	Reidel et al., 2002
McGee	290212	5162800	583	4.32E-02	1.25E-07	3.66E+01	37.4	9.92E+02	6.83E-04	8.78E-15	-14.06	Reidel et al., 2002
McGee	290212	5162800	595	4.32E-02	1.25E-07	3.71E+01	37.8	9.92E+02	6.77E-04	8.70E-15	-14.06	Reidel et al., 2002
McGee	290212	5162800	611	4.32E+01	6.25E-05	3.78E+01	38.5	9.92E+02	6.69E-04	4.30E-12	-11.37	Reidel et al., 2002
McGee	290212	5162800	660	4.32E+01	1.25E-04	3.96E+01	40.3	9.91E+02	6.46E-04	8.31E-12	-11.08	Reidel et al., 2002
McGee	290212	5162800	673	4.32E-02	8.33E-08	4.01E+01	40.8	9.91E+02	6.40E-04	5.49E-15	-14.26	Reidel et al., 2002
McGee	290212	5162800	680	4.32E+01	2.50E-04	4.03E+01	41.1	9.91E+02	6.37E-04	1.64E-11	-10.79	Reidel et al., 2002
McGee	290212	5162800	743	4.32E-01	6.25E-07	4.28E+01	43.5	9.90E+02	6.09E-04	3.92E-14	-13.41	Reidel et al., 2002
McGee	290212	5162800	801	4.32E-01	1.67E-06	4.49E+01	45.7	9.89E+02	5.86E-04	1.01E-13	-13.00	Reidel et al., 2002
McGee	290212	5162800	809	4.32E-01	6.25E-07	4.53E+01	46.1	9.89E+02	5.82E-04	3.75E-14	-13.43	Reidel et al., 2002
McGee	290212	5162800	817	4.32E-01	1.25E-06	4.55E+01	46.4	9.89E+02	5.79E-04	7.46E-14	-13.13	Reidel et al., 2002
McGee	290212	5162800	925	4.32E-02	1.00E-07	4.97E+01	50.5	9.88E+02	5.39E-04	5.57E-15	-14.25	Reidel et al., 2002
McGee	290212	5162800	933	4.32E-02	7.14E-08	5.00E+01	50.8	9.87E+02	5.37E-04	3.96E-15	-14.40	Reidel et al., 2002
McGee	290212	5162800	942	4.32E-02	2.50E-07	5.03E+01	51.2	9.87E+02	5.33E-04	1.38E-14	-13.86	Reidel et al., 2002
OBRIAN	286971	5162908	211	4.32E+04	1.67E-01	2.24E+01	23.1	9.97E+02	9.27E-04	1.58E-08	-7.80	Reidel et al., 2002
FORD	287782	5162980	228	4.32E+03	1.67E-02	2.30E+01	23.7	9.97E+02	9.13E-04	1.56E-09	-8.81	Reidel et al., 2002
ENYEART	287753	5161879	329	4.32E+03	8.33E-03	2.70E+01	27.6	9.95E+02	8.36E-04	7.13E-10	-9.15	Reidel et al., 2002
699-52-48	307052	5161734	52	8.64E-01	6.67E-07	1.66E+01	17.0	9.99E+02	1.08E-03	7.33E-14	-13.14	Reidel et al., 2002
699-53-50	306428	5162267	52	8.64E+00	7.14E-06	1.66E+01	17.0	9.99E+02	1.08E-03	7.85E-13	-12.11	Reidel et al., 2002
699-51-46	307550	5161518	44	8.64E-01	7.69E-07	1.62E+01	16.7	9.99E+02	1.09E-03	8.52E-14	-13.07	Reidel et al., 2002

Well ID	Easting	Northing	Center Interval Depth (m)	$T (m^2/d)$	K (ft/d)	K (m/s)	Est. T (C°)	Viscosity (kg/(m*s))	Density (kg/m^3)	Bulk Perm. (m^2)	log perm	Source
699-52-46	307731	5161866	60	8.64E+00	5.26E-06	1.69E+01	17.3	9.99E+02	1.07E-03	5.74E-13	-12.24	Reidel et al., 2002
699-50-45	307974	5161280	48	8.64E+00	7.69E-06	1.64E+01	16.8	9.99E+02	1.08E-03	8.49E-13	-12.07	Reidel et al., 2002
699-50-48	306953	5161227	71	8.64E+00	9.09E-06	1.72E+01	17.7	9.99E+02	1.06E-03	9.81E-13	-12.01	Reidel et al., 2002
699-47-50	306562	5160446	85	8.64E+00	9.09E-06	1.77E+01	18.2	9.99E+02	1.04E-03	9.68E-13	-12.01	Reidel et al., 2002
699-S11-E12A	324538	5141915	77	8.64E-01	1.25E-06	1.74E+01	18.0	9.99E+02	1.05E-03	1.34E-13	-12.87	Reidel et al., 2002
BH-16	304025	5171864	273	4.32E+00	3.33E-06	2.50E+01	25.5	9.96E+02	8.78E-04	2.99E-13	-12.52	Reidel et al., 2002