

HYDROLOGIC DATA FOR PALEOZOIC ROCKS IN THE UPPER COLORADO RIVER BASIN,  
COLORADO, UTAH, WYOMING, AND ARIZONA

REGIONAL AQUIFER-SYSTEM ANALYSIS PROGRAM

By A.L. Geldon

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U.S. GEOLOGICAL SURVEY

Open-File Report 89-59

Denver, Colorado  
1989

DEPARTMENT OF THE INTERIOR  
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## CONVERSION FACTORS

This report uses inch-pound units as the primary system for numerical data. Inch-pound units can be converted to metric units with the following multiplication factors:

<i>Multiply</i>	<i>By</i>	<i>To obtain</i>
barrel (bbl)	158.9	liter
foot (ft)	0.3048	meter
foot squared per day (ft <sup>2</sup> /d)	0.09290	meter squared per day
foot per day (ft/d)	0.3048	meter per day
gallon (gal)	3.7854	liter
gallon per minute (gal/min)	0.06308	liter per second
inch (in.)	25.4	millimeter
mile (mi)	1.6093	kilometer
millidarcy (mD)	$9.87 \times 10^{-12}$	square centimeter
pound per square inch (lb/in <sup>2</sup> )	6.895	kilopascal
square mile (mi <sup>2</sup> )	2.59	square kilometer
 Degree Fahrenheit (°F)	 °C = 5/9 (°F - 32)	 degree Celsius (°C)

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## ABSTRACT

This report contains data that were used to interpret the hydrology of Paleozoic rocks in the Upper Colorado River Basin under the U.S. Geological Survey's Regional Aquifer-System Analysis program. The study area includes the drainages of the Green and Colorado Rivers from their headwaters to Lees Ferry, Arizona. Hydrologic data presented in this report include artesian yields from wells and springs and values of porosity, intrinsic permeability, and hydraulic conductivity determined by laboratory analyses and aquifer tests.

## INTRODUCTION

In anticipation of increasing ground-water use in the Upper Colorado River Basin, the U.S. Geological Survey undertook a systematic appraisal of the area's ground-water resources from 1981 to 1986. This study is known as the Upper Colorado River Basin Regional Aquifer-System Analysis (RASA). The plan of investigation for this study is discussed by Taylor and others (1983). This report presents hydrologic data compiled from diverse published and unpublished sources that were used in the investigation of Paleozoic aquifers and confining layers.

## LOCATION

The Upper Colorado River Basin (fig. 1) extends from the headwaters of the Colorado and Green Rivers to Lees Ferry, Arizona, and covers parts of five States--Colorado, Utah, Wyoming, Arizona, and New Mexico. Excluding the San Juan Basin (which is being studied separately), the Upper Colorado River Basin has a surface area of approximately 100,000 mi<sup>2</sup>.

## GEOLOGIC SETTING

The Upper Colorado River Basin includes parts of four physiographic provinces--the Middle Rocky Mountains, Southern Rocky Mountains, Wyoming Basin, and Colorado Plateaus (Taylor and others, 1983, p. 5). Within this region, geologic formations representing all Paleozoic systems except the Silurian are present (Taylor and others, 1986; Lindner-Lunsford and others, 1985). Cambrian to Mississippian formations predominantly consist of limestone, dolomite, quartz sandstone, and quartzite. Pennsylvanian and Permian formations predominantly consist of arkosic and quartz sandstone

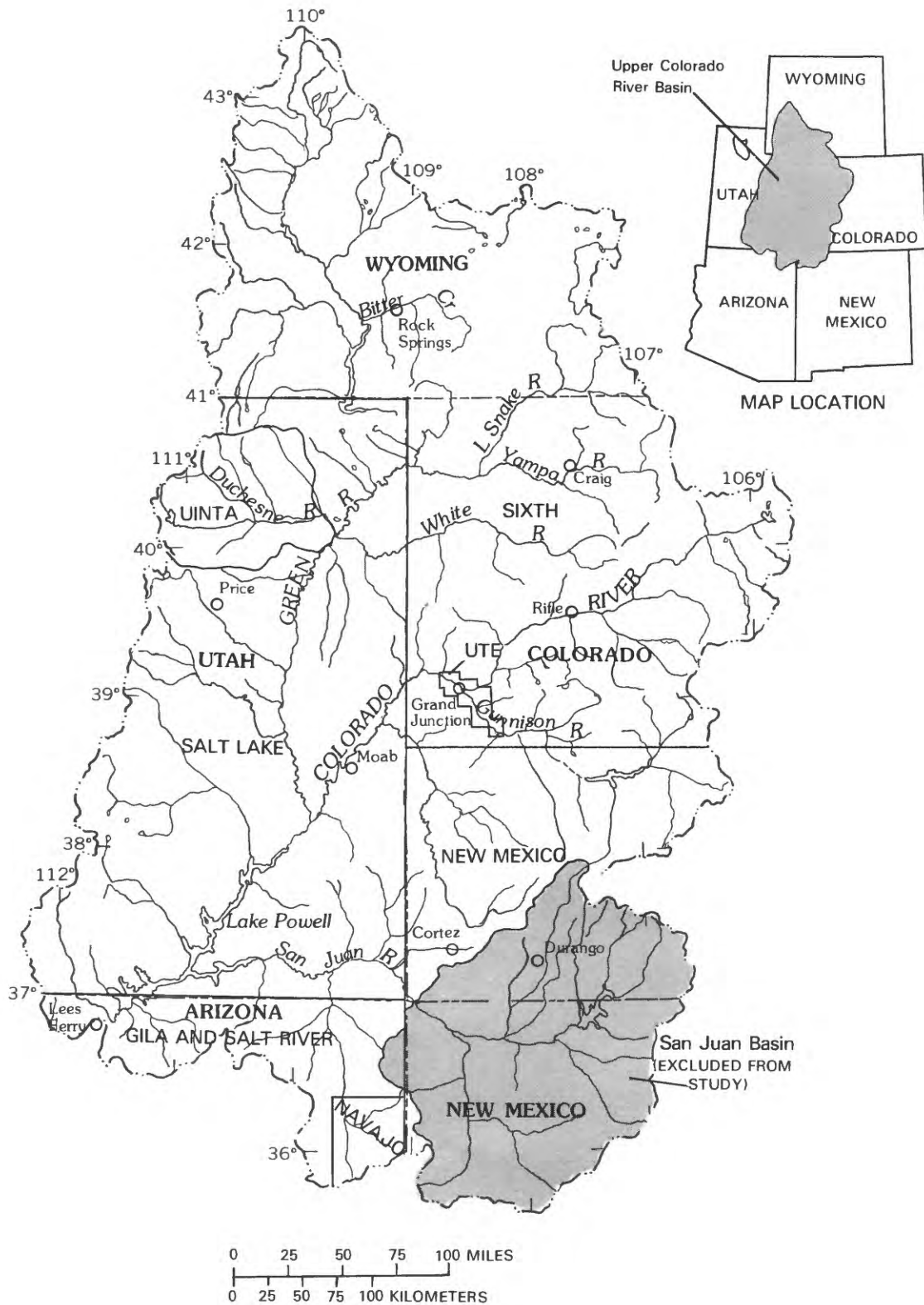


Figure 1.--Location of Upper Colorado River Basin

and shale; thick carbonate or evaporite sequences are present locally. The Paleozoic rocks range in thickness from 0 to 18,000 ft and comprise 11 hydrogeologic units--2 regional aquifers, 4 local aquifers, and 5 confining layers (table 1). They are buried by as much as 27,000 ft of Mesozoic and Tertiary rocks in deep structural basins but are at or near land surface or missing in the center of most uplifted areas (Geldon, in press).

Table 1.--*Stratigraphic codes for geologic units named in the report*

[The codes are derived from the GEONAMES data base of the U.S. Geological Survey and are listed by hydrogeologic unit. The data base is an annotated index lexicon of formal geologic nomenclature of the United States]

Code	Geologic unit	Approximate age
<u>Park City-State Bridge confining unit</u>		
317GSEG	Goose Egg Formation-----	Permian and Triassic
317SBDG	State Bridge Formation-----	Permian and Triassic
317KIBB	Kaibab Formation-----	Permian
317PRKC	Park City Formation-----	Permian
317PSPR	Phosphoria Formation-----	Permian
317TRWP	Toroweap Formation-----	Permian
<u>Weber-De Chelly aquifer</u>		
317DCLL	De Chelly Sandstone-----	Permian
317WTRM	White Rim Sandstone-----	Permian
321WEBR	Weber Sandstone-----	Pennsylvanian and Permian
321TSLP	Tensleep Sandstone-----	Pennsylvanian and Permian
321WLLS	Wells Formation-----	Pennsylvanian and Permian
<u>Cutler-Maroon aquifer</u>		
310PMPV	Pennsylvanian and Permian rocks-----	Pennsylvanian and Permian
317RICO	Rico Formation-----	Pennsylvanian and Permian
317CDRM	Cedar Mesa Sandstone-----	Permian
317CTLR	Cutler Formation (Group)-----	Pennsylvanian and Permian
317ELPC	Elephant Canyon Formation-----	Permian
317HLGT	Halgaito Shale (Formation)-----	Permian
317OGRK	Organ Rock Shale-----	Permian
321HKTL	Honaker Trail Formation (Upper Unit Hermosa Group)-----	Pennsylvanian
324HRMS	Hermosa Formation-----	Pennsylvanian
324MNRN	Minturn Formation-----	Pennsylvanian
324MRGN	Morgan Formation-----	Pennsylvanian
324MRON	Maroon Formation-----	Pennsylvanian and Permian
324AMSD	Amsden Formation-----	Mississippian and Pennsylvanian
<u>Paradox-Eagle Valley confining unit</u>		
324RDVL	Round Valley Limestone-----	Pennsylvanian
324EGLV	Eagle Valley Evaporite (Formation)--	Pennsylvanian
324PRDX	Paradox Member of Hermosa Formation-	Pennsylvanian

Table 1.--*Stratigraphic codes for geologic units  
named in the report--Continued*

Code	Geologic name	Approximate age
<u>Belden-Molas confining unit</u>		
324PKTL	Pinkerton Trail Formation (Lower Unit Hermosa Group)-----	Pennsylvanian
327BLDN	Belden Formation-----	Pennsylvanian
327MOLS	Molas Formation-----	Pennsylvanian
327MNGC	Manning Canyon Shale-----	Mississippian and Pennsylvanian
<u>Darwin-Humbug aquifer</u>		
331DRWN	Darwin Sandstone Member of Amsden Formation-----	Mississippian
331HMBG	Humbug Formation-----	Mississippian
<u>Madison-Redwall aquifer</u>		
337LDVL	Leadville Limestone-----	Mississippian
337MDSN	Madison Limestone (Group)-----	Mississippian
337RDLL	Redwall Limestone-----	Mississippian
341OURY	Ouray Limestone-----	Devonian
<u>Elbert-Parting confining unit</u>		
341DRBY	Darby Formation-----	Devonian
341ELBR	Elbert Formation-----	Devonian
<u>Bighorn-Muav aquifer</u>		
361BGRN	Bighorn Dolomite-----	Ordovician
371LNCH	Lynch Dolomite-----	Cambrian
374MUAV	Muav Limestone-----	Cambrian
<u>Bright Angel-Gros Ventre confining unit</u>		
374BGAG	Bright Angel Shale-----	Cambrian
<u>Flathead-Tapeats aquifer</u>		
371IGNC	Ignacio Quartzite-----	Cambrian
371LODR	Lodore Formation-----	Cambrian
371STCH	Sawatch Quartzite-----	Cambrian
374FLTD	Flathead Sandstone-----	Cambrian
374TNTC	Tintic Quartzite-----	Cambrian
374TPTS	Tapeats Sandstone-----	Cambrian
<u>Basal confining layer</u>		
420UNMN	Uinta Mountain Group-----	Precambrian

## SYSTEM OF NUMBERING WELLS AND SPRINGS

Wells and springs are numbered in this report according to the U.S. Bureau of Land Management system. The first one or two letters in the site-identification number represent the principal survey meridian. Principal survey meridians to which the study area is referenced (fig. 1) and the symbols adopted for them in this report are:

g - Gila and Salt River  
n - Navajo  
nm - New Mexico  
s - Sixth  
sl - Salt Lake  
u - Uintah  
ut - Ute

Letters and numbers following the symbol for the principal survey meridian in the site identification number refer, in order, to quadrant, township, range, section, quarter section, quarter-quarter section, quarter-quarter-quarter section, and number of well or spring within the smallest physical boundary (multiple ground-water sites within the smallest physical boundary are numbered consecutively). Quadrants and divisions of sections are labeled from a to d in a counter-clockwise direction starting with the northeast quadrant or section division. Dashes are used to separate quadrant, township, range, and section designations. As an example, a well numbered sc06-89-09 bdal is the first well in the northeast quarter of the southeast quarter of the northwest quarter of Section 9, Township 6 South, Range 89 West, in the southwest quadrant of the Sixth principal survey meridian.

## HYDROLOGIC DATA

Artesian yields from wells and springs, porosity, laboratory-determined (integrantular) and field-determined (in-situ) permeability, and hydraulic-conductivity data are presented in tables 3, 4, and 5 (following the References section). Stratigraphic codes used in these tables are explained in table 1. Sources for the data are listed in the tables.

Data presented in this report were obtained by a variety of methods. The 779 yield values reported in table 3 are spring flows and artesian flows into or from wells. The well flows include flows measured at the surface and flows from specific horizons recorded during drilling or aquifer tests. Much of the yield data were calculated from the volume of fluid recovered during drill-stem tests, using equation 1:

$$q = \frac{0.041 L d^2}{t}; \quad (1)$$

where  $q$  = discharge, in gallons per minute;  
 $L$  = length of fluid-filled drill pipe, in feet;  
 $d$  = diameter of drill pipe (unless known, it is assumed to be 3.83 in., based on information in Bredehoeft, 1965); and  
 $t$  = the flow period, in minutes.



In order to use a drill-stem test for hydrological interpretation, it was decided arbitrarily that the recovered fluid had to be at least 75 percent water or some form of water, such as muddy water, salty water, oil-cut water, or gas-cut water. If more than one flowing interval was encountered in a formation in the same borehole or in closely spaced boreholes within the same section, generally only the largest yield was recorded. At sites where discharges from springs or wells were measured on more than one occasion, only the maximum discharge was recorded in table 3.

Values of laboratory-determined porosity and intergranular permeability are listed in table 4. For each hydrologic property, there are 7,659 values determined from plugs of core taken from petroleum industry exploration boreholes (Petroleum Information Corp., unpublished data) and 6 values determined from outcrop samples (compiled from Hood, 1976; Hood and Patterson, 1984, and U.S. Geological Survey files). Although generally unstated, the specific method of analysis presumably followed conventional procedures described by Freeze and Cherry, 1979, p. 335-337). In the standard method of analyzing porosity, samples are saturated, weighed, oven-dried, and reweighed. Porosity is calculated from the weight of the water lost in drying. Intergranular permeability routinely is measured with a permeameter, a device in which water or air under constant or falling head is passed through a sample.

Values of in-situ permeability and hydraulic conductivity are listed in table 5. Most of the in-situ permeability values (406) were obtained from drill-stem tests, either by the method of Horner (1951) or by less precise methods described by Geldon (in press) and Earlougher (1977). In the Horner (1951) method, as described by Bredehoeft (1965), pressure in the well bore during a shut-in period is plotted versus time, and permeability is calculated from the straight-line portion of the plot by the equation:

$$k = \frac{162.6qv \log [(t + \Delta t)/\Delta t]}{h(\rho_o - \rho_w)}; \quad (2)$$

where  $k$  = in-situ permeability, in millidarcies;  
 $q$  = discharge rate, in barrels per day;  
 $p_w$  = well-bore pressure, in pounds per square inch;  
 $p_o$  = undisturbed formation pressure, in pounds per square inch;  
 $h$  = thickness of the tested interval, in feet;  
 $v$  = viscosity, in centipoise;  
 $t$  = flow period, in minutes; and  
 $\Delta t$  = shut-in period, in minutes.

The Geldon (in press) and Earlougher (1977) methods use variations of the Horner (1951) equation to estimate permeability from summary drill-stem test data, where detailed records of pressure versus time are not available. Respectively, the equations used are:

$$k = \frac{162.6 vq \log [(\Delta t_1/\Delta t_2) \times (t_2 + \Delta t_2) / (t_1 + \Delta t_1)]}{h(p_1 - p_2)}; \quad (3)$$

and

$$k = \frac{162.6 \ qv \ \beta \ \log [(t + \Delta t)/\Delta t]}{h \ (p_i - p_f)}; \quad (4)$$

where  $k$  = in-situ permeability, in millidarcies;  
 $v$  = viscosity, in centipoise;  
 $q$  = discharge rate, in barrels per day;  
 $h$  = thickness of test interval, in feet;  
 $t$  = flow period, in minutes;  
 $t_1$  = initial flow period, in minutes;  
 $t_2$  = final flow period, in minutes;  
 $\Delta t$  = shut-in period, in minutes;  
 $\Delta t_1$  = initial shut-in period, in minutes;  
 $\Delta t_2$  = final shut-in period, in minutes;  
 $p_1$  = reported pressure during initial shut-in period, in pounds per square inch;  
 $p_2$  = reported pressure during final shut-in period, in pounds per square inch;  
 $p_i$  = reported pressure before flow period, in pounds per square inch;  
 $p_f$  = reported pressure after flow period, in pounds per square inch; and  
 $\beta$  = a formation constant between 0.99 and 1.06 (unknown but assigned a value of 1 because errors resulting from a wrong value of  $\beta$ , within its narrow range, were felt to be less significant in calculating permeability than errors resulting from inaccurate estimates of viscosity or the imprecision of the method).

Additional (182) values of in-situ permeability listed in table 5 were estimated from porosity and intergranular permeability by empirical equations developed during the RASA study. Equations relating intergranular permeability to porosity by rock type and hydrostratigraphic unit are given in table 2. Although these equations were derived entirely from laboratory data, they were applied also to geophysically determined values of porosity in estimating permeability. Geophysically-determined values of porosity were furnished by G.A. Wetherbee and W.P. Van Liew (U.S. Geological Survey, written commun., 1985) or obtained from a report by Fox and others (1975). Wetherbee and Van Liew determined porosity using a combination of sonic, bulk-density, and neutron logs calibrated against lithologic logs and measured porosity. Fox and others determined porosity from sonic logs calibrated against a curve of interval transit time versus measured porosity. Procedures used in these porosity determinations are described by Keys and MacCary (1981). Equations relating intergranular to in-situ permeability (based on data from 22 paired boreholes) varied according to whether the interval was sandstone or carbonate rock. These equations are:

$$k_d = 1.4 \times k_s^{0.65}; \quad (5)$$

and

$$k_d = 3.5 \times k_c^{0.80}; \quad (6)$$

where  $k_d$  = equivalent in-situ permeability, in millidarcies;  
 $k_s$  = geometric mean of intergranular sandstone permeability values in a borehole or outcrop area, in millidarcies; and  
 $k_c$  = arithmetic mean of intergranular carbonate permeability values in a borehole or outcrop area, in millidarcies.

Table 2.--*Equations relating porosity to intergranular permeability for Paleozoic hydrogeologic units*

[ $k$  = intergranular permeability, in millidarcies;  $\theta$  = porosity, in percent]

Hydrogeologic unit	Rock type	Equation	Correlation coefficient ( $R^2$ )	Number of observations
Park City-State Bridge confining unit	Sandstone	$k=0.022 e^{0.41\theta}$	0.67	30
	Dolomite	$k=0.0091 e^{0.46\theta}$	.83	521
	Limestone	Insignificant <sup>1</sup>	<.60	76
Weber-De Chelly aquifer	Sandstone	$k=0.017 e^{0.46\theta}$	.87	2,636
Cutler-Maroon aquifer	Sandstone	$k=0.017 e^{0.35\theta}$	.66	292
	Limestone	Insignificant	<.60	195
Paradox-Eagle Valley confining unit	Sandstone	$k=0.035 e^{0.25\theta}$	.61	37
	Dolomite	Insignificant	<.60	722
	Limestone	$k=0.019 e^{0.37\theta}$	.62	1,649
	Shale	Insignificant	<.60	41
	Anhydrite	Insignificant	<.60	15
Belden-Molas confining unit	Dolomite	$k=0.017 e^{1.2\theta}$	.95	7
	Limestone	Insignificant	<.60	10
Darwin-Humbug aquifer	Sandstone	Insignificant	<.60	19
	Dolomite	Insignificant	<.60	9
Madison-Redwall aquifer	Dolomite	Insignificant	<.60	435
	Limestone	Insignificant	<.60	513
Elbert-Parting confining unit	Sandstone	$k=0.010 e^{0.69\theta}$	.77	125
	Dolomite	Insignificant	<.60	89
Bighorn-Muav aquifer	Sandstone	$k=0.001 e^{0.94\theta}$	.88	9
	Dolomite	$k=0.0032 e^{0.74\theta}$	.81	45

<sup>1</sup>A relation between porosity and intergranular permeability was considered significant and useful for estimating hydrologic properties if the correlation coefficient for the analysis was greater than 0.60. Equations could have been developed from regression analyses with correlation coefficients of less than 0.60, but the credibility of calculated values would have been questionable.

Hydraulic-conductivity values reported in table 5 were determined either by conversion from in-situ permeability, by analysis of pressure-injection tests, or by conversion from transmissivity values determined by constant-rate, airlift, or step-drawdown pumping tests, flowing-well tests, slug tests, or specific-capacity (pumping and bailing) tests. Conversion from in-situ permeability was based on the equation (Freeze and Cherry, 1979, p. 27):

$$K = \frac{kpg}{\mu}; \quad (7)$$

where  $K$  = hydraulic conductivity of water at 60 °F;  
 $k$  = in-situ permeability;  
 $p$  = density of water at 60 °F;  
 $g$  = acceleration due to gravity at 60 °F;  
 $\mu$  = viscosity of water at 60 °F;

Results of 84 pressure-injection tests done in 13 wells at 6 damsites were made available by the U.S. Bureau of Reclamation. The methods and analytical procedures for this kind of test are described by the U.S. Water and Power Resources Service (1981, p. 249-266). The relevant equation is:

$$K = \frac{30.6 Q \ln(L/r)}{LH}; \quad (8)$$

where  $K$  = hydraulic conductivity, in feet per day;  
 $Q$  = discharge, in gallons per minute;  
 $L$  = test interval, in feet;  
 $r$  = well radius, in feet; and  
 $H$  = head, in feet.

Results of 4 pressure-injection tests of the Leadville (Redwall) Limestone and 15 pumping tests--2 in the Weber Sandstone, 6 in the De Chelly Sandstone, 6 in the Paradox Member of the Hermosa Formation, and 1 in the Cutler Group and upper member of the Hermosa Formation, were compiled from reports by Cooley and others (1969), Hood (1976), Sumsion (1976), Wollitz and others (1982), and Thackston and others (1984). The pressure-injection tests of the Leadville Limestone were analyzed by equation 2 and by the Cooper-Jacob (1946) modification of the Theis (1935) nonequilibrium solution. The relevant equation in the Cooper-Jacob (1946) solution is:

$$T = \frac{35.2Q}{\Delta s_d}; \quad (9)$$

where  $T$  = transmissivity, in feet squared per day;  
 $Q$  = discharge, in gallons per minute; and  
 $\Delta s_d$  = change in drawdown, residual drawdown, or recovery, in feet, over one log cycle of time.

The four injection tests yielded similar values of transmissivity, and a median value is reported in table 5. The pumping tests were analyzed by either equation 9, the Theis (1935) recovery formula (a variation of equation 9 in which residual drawdown is substituted for drawdown), or the Theis (1935) nonequilibrium solution. The relevant equation in the latter solution is:

$$T = \frac{Q}{4\pi s} W(u); \quad (10)$$

where  $T$  = transmissivity, in feet squared per day;  
 $Q$  = discharge, in cubic feet per day;  
 $s$  = drawdown, in feet at the type-curve match point; and  
 $W(u)$  = the well function of a non leaky aquifer, at the type curve match point.

Transmissivity values determined from the above-cited injection and pumping tests were converted to hydraulic conductivity values by dividing by the test interval thickness.

Thirty-nine pumping and bailing-test results in the area were obtained from reports and files of State and Federal agencies that are cited in table 5. These tests were not analyzable by conventional methods because head drawdown versus time data were not available. Estimates of transmissivity from specific capacity, however, could be made using equations given by Lohman (1979, p. 52) and Driscoll (1986, p. 1021). These equations are:

$$T = \frac{2.3 Q \log \frac{2.25 T t}{r_w^2 S}}{4\pi S_w}; \quad (11)$$

and

$$T = \frac{2000 Q}{S_w}; \quad (12)$$

where  $T$  = transmissivity, in feet squared per day (equation 11) or gallons per day per foot (equation 12);  
 $Q$  = discharge in cubic feet per day (equation 11) or gallons per minute (equation 12);  
 $S_w$  = drawdown, in feet;  
 $t$  = pumping time, in days;  
 $r_w$  = radius of well, in feet; and  
 $S$  = storage coefficient, dimensionless.

If unknown, the storage coefficient was estimated by multiplying the thickness of the tested interval by  $1 \times 10^{-6}$ , as suggested by Lohman (1979, p. 53). To determine hydraulic conductivity, the calculated value of transmissivity, in feet squared per day, was divided by the test interval thickness.

A flowing-well test of the Leadville Limestone at Glenwood Springs, Colo. (Geldon, in press), was made during this study. Changes in head in the production well were observed directly by means of a standpipe attached to the well. Discharge was measured by the orifice-plate method (U.S. Water and Power Resources Service, 1981, p. 233-242). Four observation wells and three springs also were monitored. A recording barometer was set up to adjust recorded water levels for changes in atmospheric pressure. Test data were analyzed by the solutions of Jacob and Lohman (1952) and Hantush (1960) and by the Theis recovery formula. The equations for the Jacob-Lohman (1952) and Hantush (1960) solutions are:

$$T = \frac{0.183 \times 1,440}{\Delta(s/Q)_d}; \quad (13)$$

and

$$T = \frac{192.5 QH(u,\beta)}{4\pi s}; \quad (14)$$

where  $T$  = transmissivity, in feet squared per day;  
 $Q$  = discharge, in gallons per minute;  
 $s$  = drawdown or recovery at the type-curve match point, in feet;  
 $\Delta(s/Q)_d$  = change in specific discharge over 1 log cycle of time; and  
 $H(u,\beta)$  = the well function of a leaky aquifer with storage in the confining beds, at the type-curve match point.

Three slug-injection tests done in salt beds of the Paradox Member of the Hermosa Formation and an "airlift" test of the Cutler Group provided additional transmissivity data. The slug tests were analyzed by a method of type-curve matching described by Cooper and others (1967) and by Lohman (1979, p. 27-30). The "airlift" test result was reported by Woodward-Clyde Consultants (1982); the test was described by Thackston and others (1984). The latter report indicates that the airlift test involved displacement of water from a borehole by injection of compressed air and monitoring the recovery of formation pressure. Presumably, the pressure recovery data were analyzed using equation 9. Hydraulic conductivity was determined in both the slug and airlift tests by dividing transmissivity by test interval thickness.

The data presented in the following tables (3, 4, and 5) are reported without interpretation. Some interpretive reports for the Upper Colorado River Basin have been published prior to this data report, and others are planned. The data are given to support the interpretive reports and to provide the most comprehensive hydrologic-data base for Paleozoic rocks in the Upper Colorado River Basin assembled to date (1987). The data should be useful as a starting point for hydrologic studies in the basin. However, the data are distributed very unevenly and vary in quality from marginal to very good. Thus, it is recommended that additional data be collected wherever studies of local or sub-regional scale are planned.

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Table 3.--*Artesian yields from wells and springs*

1. Formation codes are defined in table 1.
2. Depths to the top and bottom of tested intervals were measured from the land surface, top of casing, drilling platform, or kelly bushing. The measuring point was unknown or was not recorded in compiling the data in this table. An error of no more than 20 feet is introduced by assuming that the measuring point was the land surface. The number 99,999 in the depth columns indicates that the depth is unknown. Zeroes in both depth columns indicate that the site is a spring.
3. All yields reported are artesian. They are either spring flows, flows from well heads, or flows from intervals into a well during construction, drill-stem testing, or other aquifer testing. If yields varied at a site during multiple visits, generally the largest value is reported. Most sites have only one recorded measurement. Measurements in this table span a period of approximately 41 years, from about 1945 to 1986. Dates of measurement were not recorded in compiling the data in this table.
4. Some of the data in this table may be duplicates. This situation results because the data have been compiled from numerous reports and unpublished files. The same well or spring can be given different site-location numbers by different investigators. Alternatively, discharge from a well or spring can be attributed to different formations at the same site. As a further complication, the same well or spring can be given different location numbers, and the flow can be attributed to different formations by different investigators. Every attempt has been made to avoid duplicate listings in this table. Nevertheless, some questions were impossible to resolve, and some duplication could not be avoided.

Table 3.--Artesian yields from wells and springs

Site	Depth to top (feet)	Depth to bottom (feet)	Yield (gallons per minute)	Remarks
<u>317CDRM</u>				
ga41-22-10	0	0	25.00	Davis and others (1963)
slc35-02-27aa	8,630	8,702	0.15	Petroleum Information Corp. (unpublished)
slc35-02-35bd	9,158	9,191	13.00	Petroleum Information Corp. (unpublished)
slc36-04-10bbd	11,122	11,221	7.90	Petroleum Information Corp. (unpublished)
sld29-10-08cc	6,035	6,060	2.30	Petroleum Information Corp. (unpublished)
sld29-18-20ccd	0	0	0.10	Horse Canyon Spring (Hand, 1979)
sld30-12-19bb	3,574	3,615	4.30	Petroleum Information Corp. (unpublished)
sld30-18-06dbc	0	0	2.00	Pictograph Spring (Hand, 1979)
sld30-18-15cca	0	0	1.80	Water Canyon Spring (Hand, 1979)
sld30-19-14adb	0	0	13.00	Lower Little Spring (Richter, 1980)
sld30-19-23dad	0	0	1.30	Little Spring (Richter, 1980)
sld30-19-25cdc	0	0	10.00	Squaw Spring (Richter, 1980)
sld30-19-27cdd	0	0	0.10	Soda Spring (Sumsion and Bolke, 1972)
sld30-20-20cdd	0	0	0.20	Cave Spring (Sumsion and Bolke, 1972)
sld30.5-19-34cac	0	0	0.20	Hannover Spring (Richter, 1980)
sld31-19-03bad	0	0	3.00	Echo Spring (Richter, 1980)
sld31-19-04adc	0	0	0.30	Dorius Spring (Richter, 1980)
sld31-20-04abb	0	0	0.20	Paul Bunyun Spring (Richter, 1980)
sld31-20-06ada	0	0	2.50	Peekaboo Spring (Sumsion and Bolke, 1972)
sld31-22-22cb	2,300	2,404	25.00	Richter (1980)
sld32-18-27bca	0	0	0.80	Little Home Water Spring (Richter, 1980)
sld32-18-29dbd	0	0	125.00	Big Spring (Richter, 1980)
sld32-18-32da	0	0	1.00	Homewater Spring (Weir and others, 1983)
sld32-18-33ccc	0	0	1.10	South Spring (Richter, 1980)
sld32-18-36cd	0	0	11.00	Calf Wash Spring (Weir and others, 1983)
sld32-19-32dbc	0	0	0.40	Iron Spring (Richter, 1980)
sld33-18-24acc	0	0	2.50	Sweet Alice Spring (Weir and others, 1983)
sld36-16-34	0	0	5.00	Fry Spring (Ritzma and Doelling, 1969)
sld37-02-07bbd	7,850	7,964	23.00	Petroleum Information Corp. (unpublished)
sld37-03-30dd	8,172	8,201	2.00	Petroleum Information Corp. (unpublished)
sld37-18-35d	0	0	10.00	Kane Gulch Spring (Iorns and others, 1964)
sld38-18-15	0	0	0.20	Todie Spring (Ritzma and Doelling, 1969)
sld40-15-29	0	0	5.00	Iorns and others (1964)
sld41-17-33	0	0	0.20	Ritzma and Doelling (1969)
sld42-15-13	0	0	2.00	Iorns and others (1964)
sld42-16-19	0	0	0.20	Spring 8A-293 (Ritzma and Doelling, 1969)
sld42-16-30d	0	0	0.20	Cedar Spring (Ritzma and Doelling, 1969)
sld42-17-04	0	0	1.00	Spring 8A-191 (Ritzma and Doelling, 1969)
<u>317CTLR</u>				
nmb37-18-20bdb	4,107	4,154	11.00	Petroleum Information Corp. (unpublished)
nmb38-15-21bcb	3,628	3,655	1.80	Petroleum Information Corp. (unpublished)
nmb40-20-12cd	4,159	4,177	5.80	Petroleum Information Corp. (unpublished)
nmb42-09-34adb	0	0	20.00	U.S. Geological Survey (unpublished)
nmb42-09-35daa	0	0	20.00	U.S. Geological Survey (unpublished)
nmb42-18-14ad	2,529	2,552	6.90	Petroleum Information Corp. (unpublished)
nmb42-18-14ad	2,971	3,062	5.10	Petroleum Information Corp. (unpublished)
nmb42-18-14ad	3,545	3,616	5.70	Petroleum Information Corp. (unpublished)
nmb42-19-09aa	4,243	4,261	2.90	Petroleum Information Corp. (unpublished)
nmb43-09-36dcb	0	0	0.30	Telluride Spring (U.S. Geological Survey, unpublished)

Table 3.--Artesian yields from wells and springs--Continued

Site	Depth to top (feet)	Depth to bottom (feet)	Yield (gallons per minute)	Remarks
<u>317CTLR--Continued</u>				
nmb43-10-17baa	0	0	6.00	U.S. Geological Survey (unpublished)
nmb43-11-11aa	2,647	2,708	6.70	Petroleum Information Corp. (unpublished)
nmb44-11-34ddd	0	0	3.50	Placerville Spring (U.S. Geological Survey, unpublished)
nmb44-13-09ad	3,962	4,086	20.00	Petroleum Information Corp. (unpublished)
nmb44-14-16bca	5,715	5,743	8.00	Petroleum Information Corp. (unpublished)
nmb44-15-01adb	3,275	3,310	8.10	Petroleum Information Corp. (unpublished)
sld19-13-12ddd	3,671	3,702	2.80	Petroleum Information Corp. (unpublished)
sld21-14-05adc	4,295	4,334	30.00	Petroleum Information Corp. (unpublished)
sld22-16-25bbb	2,585	2,605	70.00	Petroleum Information Corp. (unpublished)
sld23-16-03bca	2,990	3,000	280.00	Petroleum Information Corp. (unpublished)
sld24-13-03dbb	2,160	2,583	175.00	Petroleum Information Corp. (unpublished)
sld24-24-21cca	0	0	0.21	Stinking Spring (Weir and others, 1983)
sld25-14-21bdd	2,158	2,765	70.00	Petroleum Information Corp. (unpublished)
sld25-23-08baa	0	285	200.00	Weir and others (1983)
sld26-22-20acd	0	133	20.00	Sumsion (1971)
sld27-20-09aa	530	535	60.00	Richter (1980)
sld27-21-20cbb	0	0	0.10	Dripping Spring (Richter, 1980)
sld28-12-32da	2,330	2,438	9.90	Petroleum Information Corp. (unpublished)
sld28-20-16dbd	0	0	0.20	My Spring (Richter, 1980)
sld28-20-21dcc	0	0	1.00	Eric Spring (Richter, 1980)
sld28-20-26bda	0	0	0.20	Lockhart Canyon Spring (Richter, 1980)
sld28-20-27aab	0	0	2.60	Lockhart Spring (Weir and others, 1983)
sld30-24-12dab	104	670	1.80	U.S. Geological Survey (unpublished)
sld30-25-10ca	3,214	3,239	12.00	Petroleum Information Corp. (unpublished)
sld30-25-24ba	4,548	4,650	18.00	Petroleum Information Corp. (unpublished)
sld31-12-04da	3,969	3,979	2.10	Petroleum Information Corp. (unpublished)
sld33-16-19a	500	1,200	360.00	Richter (1980)
sld35-26-20ad	4,369	4,452	9.00	Petroleum Information Corp. (unpublished)
sld35-26-31dd	4,648	4,686	4.80	Petroleum Information Corp. (unpublished)
sld43-19-20	0	0	4.00	Iorns and others (1964)
<u>317DCLL</u>				
ga40-22-18	0	0	0.20	Davis and others (1963); McGavock and others (1966)
nb01-07-08	0	0	2.00	Davis and others (1963); McGavock and others (1966)
nb01-08-06	0	0	1.00	Davis and others (1963); McGavock and others (1966)
nb01-08-13	0	0	0.50	Davis and others (1963); McGavock and others (1966)
nb02-09-04	0	0	30.00	Davis and others (1963); McGavock and others (1966)
nb02-09-23	0	0	55.00	Davis and others (1963); McGavock and others (1966)
nb03-09-02	0	0	2.50	Davis and others (1963); McGavock and OTHERS (1966)
nb04-09-36	0	0	2.50	Davis and others (1963); McGavock and others (1966)
nb07-09-29	0	0	2.50	Davis and others (1963); McGavock and others (1966)
nb07-10-11	223	344	3.50	Davis and others (1963); McGavock and others (1966)
nmb23-19-07d	0	0	80.00	Toadlena Springs (Harshbarger and Repenning, 1954)
sld40-10-10c	0	0	150.00	Spring GJ-200 (Ritzma and Doelling, 1969)
sld41-24-19ac	2,598	2,799	8.00	Petroleum Information Corp. (unpublished)
sld42-13-09	0	0	5.00	Spring 8GS-12-2 (Ritzma and Doelling, 1969)
sld42-24-35cb	3,174	3,210	27.00	Petroleum Information Corp. (unpublished)

Table 3.--Artesian yields from wells and springs--Continued

Site	Depth to top (feet)	Depth to bottom (feet)	Yield (gallons per minute)	Remarks
<u>317DCLL--Continued</u>				
sld43-14-11	0	0	0.10	Spring 8A-213 (Ritzma and Doelling, 1969)
sld43-14-13	0	0	0.20	Spring 8K-550 (Ritzma and Doelling, 1969)
sld43-19-29	0	0	4.00	Spring 8A-260 (Ritzma and Doelling, 1969)
sld43-21-09bbd	3,685	3,720	19.00	Petroleum Information Corp. (unpublished)
sld43-21-10cca	1,893	1,896	15.00	Petroleum Information Corp. (unpublished)
sld43-22-15cc	1,162	1,178	9.60	Petroleum Information Corp. (unpublished)
sld43-22-24dda	1,458	1,506	19.00	Petroleum Information Corp. (unpublished)
sld43-23-32ac	1,729	1,785	12.00	Petroleum Information Corp. (unpublished)
sld43-23-33bb	1,645	1,655	11.00	Petroleum Information Corp. (unpublished)
<u>317GSEG</u>				
sb13-88-36ca	7,546	7,641	25.00	Petroleum Information Corp. (unpublished)
sb15-91-11bac	10,088	10,100	0.39	Petroleum Information Corp. (unpublished)
sb19-88-10cab	6,095	6,140	33.00	Petroleum Information Corp. (unpublished)
sb19-89-03bbc	10,521	10,718	14.00	Petroleum Information Corp. (unpublished)
<u>317HLGT</u>				
sld41-19-10	0	0	1.00	Iorns and others (1964)
sld42-17-15	0	0	2.00	Iorns and others (1964)
<u>317KIBB</u>				
slc35-02-22dba	10,050	10,085	12.00	Petroleum Information Corp. (unpublished)
sld20-07-02cca	7,244	7,294	5.60	Petroleum Information Corp. (unpublished)
sld25-12-24cc	2,305	2,391	3.20	Petroleum Information Corp. (unpublished)
sld28-08-33cdd	3,595	3,700	23.00	Petroleum Information Corp. (unpublished)
sld29-10-08cc	4,840	4,868	1.30	Petroleum Information Corp. (unpublished)
sld29-12-30ab	2,663	2,704	3.80	Petroleum Information Corp. (unpublished)
sld36-01-12bc	6,193	6,271	41.00	Petroleum Information Corp. (unpublished)
sld36-06-18ccc	2,248	2,300	4.20	Petroleum Information Corp. (unpublished)
sld37-02-08bbb	6,921	6,967	4.70	Petroleum Information Corp. (unpublished)
sld37-05-17dda	3,330	3,402	8.00	Petroleum Information Corp. (unpublished)
sld38-03-08ad	7,298	7,330	1.80	Petroleum Information Corp. (unpublished)
sld40-02-19aac	8,115	8,142	6.20	Petroleum Information Corp. (unpublished)
<u>317OGRK</u>				
sld34-14-09	0	0	50.00	Hite Store Spring (U.S. Geological Survey, unpublished)
sld34-14-19	0	0	30.00	Ritzma and Doelling (1969)
sld43-16-23	0	0	0.10	Spring 8A-229 (Ritzma and Doelling, 1969)
<u>317PRKC</u>				
sb06-99-29bdb	0	0	3.00	Disappointment Spring (Sumsion, 1976)
sb08-99-16bcd	3,675	3,725	20.00	U.S. Geological Survey (unpublished)
sb14-103-10ad	8,995	9,042	44.00	Petroleum Information Corp. (unpublished)
sb16-104-16ddb	5,459	5,489	18.00	Petroleum Information Corp. (unpublished)
sb19-102-35aa	8,378	8,481	3.80	Petroleum Information Corp. (unpublished)
sb30-96-07b	99,999	99,999	700.00	Whitcomb and Lowry (1968)
sld03-22-34ba	2,972	3,021	21.00	Petroleum Information Corp. (unpublished)
sld02-21-33cd	0	0	20.00	Squaw Spring (Hood and others, 1976)
sld02-22-24ccd	0	0	400.00	Hood and others (1976)
sld04-21-36cd	7,798	7,841	8.10	Petroleum Information Corp. (unpublished)

Table 3.--Artesian yields from wells and springs--Continued

Site	Depth to top (feet)	Depth to bottom (feet)	Yield (gallons per minute)	Remarks
<u>317PRKC--Continued</u>				
sld04-22-35dbc	4,745	4,779	19.00	Petroleum Information Corp. (unpublished)
sld04-23-23dda	0	0	4.00	Red Wash Spring (Hood and others, 1976)
sld05-22-26bca	4,372	4,393	14.00	Petroleum Information Corp. (unpublished)
sld06-24-05cdc	1,181	1,210	10.00	Petroleum Information Corp. (unpublished)
sld18-14-30cc	3,605	3,673	7.80	Petroleum Information Corp. (unpublished)
ub02-01-20cbd	6,211	6,235	92.00	Petroleum Information Corp. (unpublished)
ub02-03-22dd	4,555	4,620	57.00	Petroleum Information Corp. (unpublished)
<u>317PSPR</u>				
sb15-111-20cd	18,447	18,521	47.00	Petroleum Information Corp. (unpublished)
sb16-117-03ddd	4,510	4,529	4.50	Petroleum Information Corp. (unpublished)
sb17-116-35bd	2,816	2,949	21.00	Petroleum Information Corp. (unpublished)
sb18-117-36dca	7,232	7,262	15.00	Petroleum Information Corp. (unpublished)
sb19-116-21dbd	6,776	6,812	29.00	Petroleum Information Corp. (unpublished)
sb19-119-04dba	11,800	11,860	0.77	Petroleum Information Corp. (unpublished)
sb21-115-21ccc	6,353	6,420	15.00	Petroleum Information Corp. (unpublished)
sb22-117-30cc	2,285	2,355	2.00	Petroleum Information Corp. (unpublished)
sb22-118-20ad	0	0	200.00	Lines and Glass (1975)
sb22-118-29aab	99,999	99,999	300.00	Lines and Glass (1975)
sb22-120-03cdb	6,604	6,877	12.00	Petroleum Information Corp. (unpublished)
sb28-113-19bbd	12,653	12,718	3.30	Petroleum Information Corp. (unpublished)
sb29-114-19bda	14,268	14,374	19.00	Petroleum Information Corp. (unpublished)
sb38-110-25	0	0	628.00	Kendall Cold Spring (Rouse, 1967)
sb39-110-36	0	0	2,870.00	Kendall Warm Spring (Rouse, 1967)
<u>317RICO</u>				
sld27-19-27da	2,790	2,840	6.00	Richter (1980)
sld28-20-36ca	1,047	1,500	100.00	Richter (1980)
sld29.5-19-36bbb	0	0	1.20	Loop Trail Spring (Richter, 1980)
sld30-19-09dbd	0	0	2.00	Elephant Spring (Sumsion and Bolke, 1972)
sld30-19-10dbd	0	0	5.20	Lower Big Spring (Richter, 1980)
sld30-19-12acc	0	0	13.00	Lower Jump Spring (Richter, 1980)
sld30-19-26abc	0	0	4.30	Big Springs (Richter, 1980)
sld31-20-31acc	0	0	2.00	Upper Jump Spring (Richter, 1980)
sld32-18-28bdb	0	0	3.30	North Home Spring (Richter, 1980)
sld33-15-19	0	0	20.00	Lime Creek Spring (Ritzma and Doelling, 1969)
sld33-15-28b	500	800	2.00	Richter (1980)
sld33-15-29ba	500	800	15.00	Richter (1980)
sld33-15-32aa	400	918	25.00	Richter (1980)
sld33-21-05ca	1,030	1,420	25.00	Richter (1980)
sld40-17-25bda	0	0	5.00	Johns Canyon Spring (Iorns and others, 1964)
sld41-19-29	0	0	5.00	Goodrich Sulphur Spring (Iorns and others, 1964)
<u>317TRWP</u>				
sld35-03-29aa	4,985	5,015	6.70	Petroleum Information Corp. (unpublished)
sld36-03-15cb	5,297	5,320	9.00	Petroleum Information Corp. (unpublished)
sld42-07-16ac	4,590	4,604	1.70	Petroleum Information Corp. (unpublished)

Table 3.--Artesian yields from wells and springs--Continued

Site	Depth to top (feet)	Depth to bottom (feet)	Yield (gallons per minute)	Remarks
<u>317WTRM</u>				
s1c32-02-23dbd	9,222	9,288	30.00	Petroleum Information Corp. (unpublished)
s1d18-14-30cc	3,717	3,868	3.60	Petroleum Information Corp. (unpublished)
s1d22-17-32aa	2,333	2,388	31.00	Petroleum Information Corp. (unpublished)
s1d23-16-15dca	2,530	2,570	3.30	Feltis (1966)
s1d23-19-31ccc	2,386	2,415	13.00	Petroleum Information Corp. (unpublished)
s1d25-12-24cc	2,395	2,422	4.70	Petroleum Information Corp. (unpublished)
s1d25-13-14cc	2,174	2,224	14.00	Petroleum Information Corp. (unpublished)
s1d26-07-18bdb	3,348	3,366	32.00	Petroleum Information Corp. (unpublished)
s1d26-07-19bb	3,706	3,921	11.00	Petroleum Information Corp. (unpublished)
s1d26-16-31cc	2,280	2,550	137.00	Richter (1980)
s1d27-14-17cc	2,730	2,825	9.60	Richter (1980)
s1d27-15-32ad	2,330	2,366	3.30	Petroleum Information Corp. (unpublished)
s1d27-17.5-01ddc	373	500	45.00	Sumsion and Bolke (1972)
s1d27-17.5-13cba	0	0	0.10	Hardscrabble Spring (Sumsion and Bolke, 1972)
s1d28-12-32da	2,443	2,474	35.00	Petroleum Information Corp. (unpublished)
s1d30-12-19bb	2,900	2,933	8.50	Petroleum Information Corp. (unpublished)
s1d31-12-04da	2,251	2,261	3.90	Petroleum Information Corp. (unpublished)
s1d31-12-05dac	2,625	2,733	4.80	Petroleum Information Corp. (unpublished)
s1d36-10-20dc	3,799	3,869	19.00	Petroleum Information Corp. (unpublished)
s1d36-11-19adc	2,900	3,032	38.00	Petroleum Information Corp. (unpublished)
s1d38-02-31bad	4,325	4,362	5.10	Petroleum Information Corp. (unpublished)
s1d41-07-19bbd	3,180	3,225	4.80	Petroleum Information Corp. (unpublished)
<u>321HKTL</u>				
nmb26-18-18db	6,405	6,450	6.60	Petroleum Information Corp. (unpublished)
nmb33.5-20-16bc	5,890	5,917	13.00	Petroleum Information Corp. (unpublished)
nmb37-19-15acd	4,798	4,828	18.00	Petroleum Information Corp. (unpublished)
nmb38-19-29da	5,041	5,111	0.45	Petroleum Information Corp. (unpublished)
nmb39-14-19cbc	5,247	5,278	3.90	Petroleum Information Corp. (unpublished)
nmb40-16-26cd	5,708	5,758	2.40	Petroleum Information Corp. (unpublished)
nmb40-20-12cd	5,200	5,358	0.51	Petroleum Information Corp. (unpublished)
nmb41-14-12aaa	5,886	5,936	0.86	Petroleum Information Corp. (unpublished)
nmb44-08-31	0	0	10.00	Pavillion Hot Spring (Iorns and others, 1964)
nmb44-14-16bca	5,715	5,743	7.70	Petroleum Information Corp. (unpublished)
nmb44-17-14abd	9,148	9,285	37.00	Petroleum Information Corp. (unpublished)
nmb44-18-21dda	6,409	6,450	1.10	Petroleum Information Corp. (unpublished)
nmb44-19-28cd	4,234	4,307	12.00	Petroleum Information Corp. (unpublished)
nmb46-14-14ab	7,361	7,545	1.30	Petroleum Information Corp. (unpublished)
nmb46-19-30bb	8,317	8,446	41.00	Petroleum Information Corp. (unpublished)
s1d22-16-14ba	4,764	4,846	8.10	Petroleum Information Corp. (unpublished)
s1d24-15-05caa	3,618	3,712	18.00	Petroleum Information Corp. (unpublished)
s1d24-19-22dac	3,248	3,316	12.00	Petroleum Information Corp. (unpublished)
s1d25-14-22cd	3,975	4,070	7.20	Petroleum Information Corp. (unpublished)
s1d26-07-18bdb	4,573	4,695	76.00	Petroleum Information Corp. (unpublished)
s1d27-19-27da	3,190	4,740	21.00	Richter (1980)
s1d28-20-36ca	1,500	2,850	200.00	Richter (1980)
s1d28-22-34aa	4,454	4,534	5.50	Petroleum Information Corp. (unpublished)
s1d29-20-23cb	1,800	2,400	20.00	Richter (1980)
s1d30-13-34ab	4,020	4,071	5.30	Petroleum Information Corp. (unpublished)

Table 3.--Artesian yields from wells and springs--Continued

Site	Depth to top (feet)	Depth to bottom (feet)	Yield (gallons per minute)	Remarks
<u>321HKT</u>				
sld32-15-33ab	2,760	2,880	6.60	Petroleum Information Corp. (unpublished)
sld33-16-19ba	930	99,999	450.00	Richter (1980)
sld34-26-29cca	4,509	4,519	0.66	Petroleum Information Corp. (unpublished)
sld36-26-16cac	4,995	5,074	4.40	Petroleum Information Corp. (unpublished)
sld38-21-06bb	2,158	2,218	10.00	Petroleum Information Corp. (unpublished)
sld40-12-27bb	4,342	4,444	5.60	Petroleum Information Corp. (unpublished)
sld40-26-16dc	5,590	5,650	2.50	Petroleum Information Corp. (unpublished)
sld41-26-34ad	5,968	5,983	12.00	Petroleum Information Corp. (unpublished)
<u>321TSLP</u>				
sb13-88-36ca	7,644	7,672	61.00	Petroleum Information Corp. (unpublished)
sb15-103-08bc	6,670	6,720	56.00	Petroleum Information Corp. (unpublished)
sb15-105-11dac	11,435	11,610	24.00	Petroleum Information Corp. (unpublished)
sb15-91-11bac	10,280	10,307	8.60	Petroleum Information Corp. (unpublished)
sb16-101-11ddc	6,665	6,691	3.20	Petroleum Information Corp. (unpublished)
sb16-104-21aca	6,065	6,172	40.00	Petroleum Information Corp. (unpublished)
sb16-90-31abd	10,082	10,191	9.20	Petroleum Information Corp. (unpublished)
sb16-92-12db	11,137	11,180	1.40	Petroleum Information Corp. (unpublished)
sb17-102-17cd	7,810	7,850	37.00	Petroleum Information Corp. (unpublished)
sb18-101-32adb	10,048	10,066	2.50	Petroleum Information Corp. (unpublished)
sb18-103-18dad	5,485	5,499	11.00	Petroleum Information Corp. (unpublished)
sb18-90-11bab	10,265	10,330	27.00	Petroleum Information Corp. (unpublished)
sb19-102-35aa	8,587	8,627	20.00	Petroleum Information Corp. (unpublished)
sb19-104-11ac	6,217	6,247	0.13	Petroleum Information Corp. (unpublished)
sb19-104-11ac	6,632	6,705	8.60	Petroleum Information Corp. (unpublished)
sb19-87-29da	5,216	5,287	35.00	Petroleum Information Corp. (unpublished)
sb19-88-02db	6,128	6,176	20.00	Petroleum Information Corp. (unpublished)
sb19-88-10cb	6,167	6,220	65.00	Petroleum Information Corp. (unpublished)
sb19-89-03bbc	10,521	10,718	16.00	Petroleum Information Corp. (unpublished)
sb19-89-30bdd	10,486	10,510	32.00	Petroleum Information Corp. (unpublished)
sb20-104-36ccc	6,340	6,370	20.00	Petroleum Information Corp. (unpublished)
sb20-116-23ab	5,758	5,990	27.00	Petroleum Information Corp. (unpublished)
sb20-84-28cc	9,485	9,638	43.00	Petroleum Information Corp. (unpublished)
sb20-87-30ddc	8,176	8,208	3.20	Petroleum Information Corp. (unpublished)
sb20-88-36ccc	6,347	6,390	1.50	Petroleum Information Corp. (unpublished)
sb22-115-35cdc	5,585	5,590	10.00	Petroleum Information Corp. (unpublished)
sb22-86-34dcc	4,809	4,840	1.00	Petroleum Information Corp. (unpublished)
sb22-88-28bdd	2,160	2,217	16.00	Petroleum Information Corp. (unpublished)
sb23-115-26cab	6,743	6,791	12.00	Petroleum Information Corp. (unpublished)
sb23-86-16cc	9,133	9,235	30.00	Petroleum Information Corp. (unpublished)
sb23-88-20aaa	0	0	200.00	Olson Spring (Berry, 1960)
sb24-87-06ddb	4,889	4,995	5.30	Petroleum Information Corp. (unpublished)
sb24-88-06bbb	5,128	5,200	171.00	Petroleum Information Corp. (unpublished)
sb24-88-32ba	3,857	3,887	6.20	Petroleum Information Corp. (unpublished)
sb25-86-34da	7,070	7,150	37.00	Petroleum Information Corp. (unpublished)
sb25-87-11bad	6,360	6,400	16.00	Petroleum Information Corp. (unpublished)
sb25-88-03cc	4,805	4,850	24.00	Petroleum Information Corp. (unpublished)
sb25-89-14dc	5,260	5,310	18.00	Petroleum Information Corp. (unpublished)
sb26-86-07dcc	4,311	4,339	10.00	Petroleum Information Corp. (unpublished)
sb26-87-30dd	4,414	4,474	7.80	Petroleum Information Corp. (unpublished)



Table 3.--Artesian yields from wells and springs--Continued

Site	Depth to top (feet)	Depth to bottom (feet)	Yield (gallons per minute)	Remarks
<u>321TSLP--Continued</u>				
sb26-87-32bb	4,460	4,513	6.10	Petroleum Information Corp. (unpublished)
sb26-89-06ca	6,418	6,472	7.70	Petroleum Information Corp. (unpublished)
sb26-90-14bab	6,200	6,250	62.00	Petroleum Information Corp. (unpublished)
sb26-95-06dad	7,791	7,859	65.00	Petroleum Information Corp. (unpublished)
sb28-113-19bbd	12,929	12,997	1.00	Petroleum Information Corp. (unpublished)
sb33-100-18ac	99,999	99,999	100.00	Whitcomb and Lowry (1968)
sb33-100-25ca	99,999	99,999	539.00	Whitcomb and Lowry (1968)
sb33-100-32ad	99,999	99,999	16.00	Whitcomb and Lowry (1968)
sb33-101-13ac	99,999	99,999	75.00	Whitcomb and Lowry (1968)
sb33-99-35ad	99,999	99,999	500.00	Whitcomb and Lowry (1968)
<u>321WEBR</u>				
sb01-93-06cb	5,440	5,490	12.00	Petroleum Information Corp. (unpublished)
sb02-101-31bdc	6,310	6,377	0.17	Petroleum Information Corp. (unpublished)
sb02-102-17ba	6,686	6,709	4.80	Petroleum Information Corp. (unpublished)
sb02-102-21bc	6,578	6,605	1.50	Petroleum Information Corp. (unpublished)
sb02-103-05dd	7,455	7,480	15.00	Petroleum Information Corp. (unpublished)
sb02-103-15cb	6,794	6,816	8.00	Petroleum Information Corp. (unpublished)
sb02-103-36dd	6,250	6,274	14.00	Petroleum Information Corp. (unpublished)
sb02-92-06cca	9,261	9,325	20.00	Petroleum Information Corp. (unpublished)
sb02-94-04cd	10,614	10,675	11.00	Petroleum Information Corp. (unpublished)
sb03-100-12ba	3,323	3,425	57.00	Petroleum Information Corp. (unpublished)
sb03-102-05adb	99,999	750	500.00	Hood and others (1976)
sb03-103-12bb	9,520	9,763	31.00	Petroleum Information Corp. (unpublished)
sb03-103-16ba	8,735	8,870	61.00	Petroleum Information Corp. (unpublished)
sb03-90-23dd	6,145	6,183	14.00	Petroleum Information Corp. (unpublished)
sb03-90-26baa	6,070	6,194	2.40	Petroleum Information Corp. (unpublished)
sb03-97-29dba	11,940	12,045	1.90	Petroleum Information Corp. (unpublished)
sb04-104-36bcd	1,340	1,410	18.00	Petroleum Information Corp. (unpublished)
sb04-92-22dc	4,622	4,652	1.80	Petroleum Information Corp. (unpublished)
sb05-91-33dd	6,081	6,097	3.60	Petroleum Information Corp. (unpublished)
sb05-94-17cb	3,007	3,022	77.00	Petroleum Information Corp. (unpublished)
sb05-95-02dda	2,525	2,582	11.00	Petroleum Information Corp. (unpublished)
sb05-96-14ab	6,548	6,600	11.00	Petroleum Information Corp. (unpublished)
sb06-102-18add	0	0	15.00	Castle Park Spring (Sumsion, 1976)
sb06-102-22baa	0	0	2.00	Bull Park Spring (Sumsion, 1976)
sb06-103-07bbb	0	0	270.00	Pool Creek Spring (Sumsion, 1976)
sb06-94-10cc	3,950	4,076	0.33	Petroleum Information Corp. (unpublished)
sb07-103-32adb	165	300	35.00	Sumsion (1976)
sb07-87-13	5,535	5,607	9.00	Petroleum Information Corp. (unpublished)
sb07-95-32bb	2,070	2,107	17.00	Petroleum Information Corp. (unpublished)
sb10-101-25da	1,855	1,907	16.00	Petroleum Information Corp. (unpublished)
sb12-104-17cac	14,214	14,295	20.00	Petroleum Information Corp. (unpublished)
sb14-101-18bbd	12,771	12,800	4.60	Petroleum Information Corp. (unpublished)
sb15-112-29ad	17,210	18,140	1.40	Petroleum Information Corp. (unpublished)
sc02-104-12bca	10,713	10,742	8.70	Petroleum Information Corp. (unpublished)
sla03-22-34ba	3,203	3,277	23.00	Petroleum Information Corp. (unpublished)
sla03-25-28bb	11,675	11,885	4.80	Petroleum Information Corp. (unpublished)
sld02-22-13ccd	0	0	500.00	Stauffer Chemical Spring (Hood and others, 1976)
sld02-22-31adc	0	0	1,350.00	Ratliff Spring (Hood and others, 1976)
sld02-22-32bcb	30	368	40.00	Hood and others (1976)
sld03-08-33bda	0	0	230.00	Hood and others (1976)

Table 3.--Artesian yields from wells and springs--Continued

Site	Depth to top (feet)	Depth to bottom (feet)	Yield (gallons per minute)	Remarks
<u>321WEBR--Continued</u>				
sld03-21-20baa	148	210	10.00	Hood and others (1976)
sld03-21-28dba	1,318	2,550	230.00	Hood and others (1976)
sld03-21-30ddc	214	2,715	250.00	Hood and others (1976)
sld03-22-30ddd	5,484	5,517	41.00	Petroleum Information Corp. (unpublished)
sld03-25-11dcc	0	0	100.00	Big Draw Spring (Sumsion, 1976)
sld03-25-12cca	0	0	10.00	Ely Creek Spring (Sumsion, 1976)
sld03-25-22dda	0	0	100.00	Sage Creek Spring (Sumsion, 1976)
sld04-20-04ddc	4,868	4,983	11.00	Petroleum Information Corp. (unpublished)
sld04-23-25b	0	0	3.00	Red Wash Spring (Feltis, 1966)
sld04-24-35dad	0	0	23.00	Morris Ranch Spring (Sumsion, 1976)
sld04-24-35dad	30	300	14.00	Hood and others (1976)
sld04-24-36bdc	0	0	56.00	Hog Canyon Spring (Sumsion, 1976)
sld04-25-31cca	0	0	117.00	Cub Creek Spring (Hood and others, 1976)
sld05-22-06ca	7,035	7,085	3.70	Petroleum Information Corp. (unpublished)
sld05-22-26cc	4,781	4,820	34.00	Petroleum Information Corp. (unpublished)
sld05-23-20ccc	3,752	3,766	56.00	Petroleum Information Corp. (unpublished)
sld05-24-11dac	0	0	50.00	South Fork Springs (Hood and others, 1976)
sld05-24-32	0	0	10.00	Morris Ranch Spring (Feltis, 1966)
sld06-23-01bad	2,077	2,650	200.00	Hood and others (1976)
sld06-23-05dad	5,805	5,929	30.00	Petroleum Information Corp. (unpublished)
sld06-24-05	0	0	10.00	Morris Ranch Spring (Feltis, 1966)
sld06-25-05da	3,264	3,300	19.00	Petroleum Information Corp. (unpublished)
sld15-13-11dd	5,734	5,765	13.00	Petroleum Information Corp. (unpublished)
sld16-12-27ab	4,442	99,999	2.00	Feltis (1966)
ua02-02-32bbb	4,412	4,447	89.00	Petroleum Information Corp. (unpublished)
ub01-08-30ddb	0	0	200.00	Warm Spring (Hood and others, 1976)
<u>321WLLS</u>				
sb13-118-19cc	7,670	7,720	59.00	Petroleum Information Corp. (unpublished)
sb14-113-16dad	17,805	17,874	2.30	Petroleum Information Corp. (unpublished)
sb15-117-31ccc	4,746	4,781	0.92	Petroleum Information Corp. (unpublished)
sb16-117-03ddd	5,035	5,557	2.10	Petroleum Information Corp. (unpublished)
sb16-117-32cca	4,967	5,066	75.00	Petroleum Information Corp. (unpublished)
sb21-119-28acd	7,549	7,679	5.60	Petroleum Information Corp. (unpublished)
sb26-118-13bad	0	0	1,600.00	Lines and Glass (1975)
sb29-114-19bda	14,522	14,669	32.00	Petroleum Information Corp. (unpublished)
sb29-116-07bb	0	0	35.00	Lines and Glass (1975)
sb29-117-01ad	0	0	200.00	Lines and Glass (1975)
sb30-117-35c	0	0	2,200.00	Lines and Glass (1975)
sb33-116-11c	0	0	30.00	Lines and Glass (1975)
sb33-116-12b	0	0	1,500.00	Lines and Glass (1975)
sb34-116-10c	0	0	25.00	Lines and Glass (1975)
sb37-115-31cb	0	0	175.00	Lines and Glass (1975)
sb37-116-25a	0	0	50.00	Lines and Glass (1975)
sb37-118-12b	0	0	200.00	Lines and Glass (1975)

Table 3.--Artesian yields from wells and springs--Continued

Site	Depth to top (feet)	Depth to bottom (feet)	Yield (gallons per minute)	Remarks
<u>324AMSD</u>				
sb16-104-16ddb	6,150	6,173	12.00	Petroleum Information Corp. (unpublished)
sb19-104-11ac	6,961	7,071	5.50	Petroleum Information Corp. (unpublished)
<u>324EGLV</u>				
sb01-93-08dd	6,081	6,131	49.00	Petroleum Information Corp. (unpublished)
sb01-93-17ac	5,234	5,386	42.00	Petroleum Information Corp. (unpublished)
sc05-86-05	0	0	450.00	Big Spring (Iorns and others, 1964)
sc08-84-16aa	0	0	150.00	Big Sulphur Spring (Iorns and others, 1964)
<u>324MNRN</u>				
sb02-92-15cc	2,302	2,350	5.20	Petroleum Information Corp. (unpublished)
sc02-83-21ab	220	300	15.00	Colorado Division of Water Resources (unpublished)
<u>324MRGN</u>				
sb04-101-19ab	1,790	1,820	1.40	Petroleum Information Corp. (unpublished)
sb07-103-20dbc	0	0	580.00	Mitten Park Fault Spring (Sumsion, 1976)
sb07-103-25bcc	0	0	20.00	Warm Springs (Sumsion, 1976)
sb07-104-13bca	0	0	100.00	Burnt Springs (Sumsion, 1976)
sc02-104-12bca	10,713	10,742	8.70	Petroleum Information Corp. (unpublished)
sld03-25-01bda	0	0	200.00	North Jones Hole Spring (Hood and others, 1976)
sld05-22-01cc	7,148	7,232	6.60	Petroleum Information Corp. (unpublished)
<u>324MRON</u>				
sb01-90-22bc	80	119	15.00	Colorado Division of Water Resources (unpublished)
sc02-83-04	0	0	15.00	Iorns and others (1964)
sc05-91-13da	156	207	2.00	Colorado Division of Water Resources (unpublished)
sc07-87-14ca	200	235	15.00	Colorado Division of Water Resources (unpublished)
sc08-86-17dd	145	195	15.00	Colorado Division of Water Resources (unpublished)
sc08-88-27dd	160	180	20.00	Colorado Division of Water Resources (unpublished)
sc10-88-04	0	0	50.00	Cold Iron Spring (Iorns and others, 1964)
sc10-88-04ba	0	0	10.00	Penny Hot Spring (Barrett and Pearl, 1977)
sc11-87-35	0	0	898.00	Arsenic Spring (Rouse, 1967)
sc12-85-16bac	0	0	75.00	Conundrum Hot Springs (Barrett and Pearl, 1977)
<u>324PKTL</u>				
ga41-30-10cb	5,550	5,620	4.60	Petroleum Information Corp. (unpublished)
nmb33-13-15ac	9,240	9,422	30.00	Petroleum Information Corp. (unpublished)
s1c35-02-22dba	10,050	10,085	11.00	Petroleum Information Corp. (unpublished)
sld26-13-25cb	5,147	5,220	4.90	Petroleum Information Corp. (unpublished)
sld26-13-25cb	5,147	5,220	10.00	Petroleum Information Corp. (unpublished)
sld27-14-05bbd	5,141	5,261	1.30	Petroleum Information Corp. (unpublished)
sld29-10-08cc	7,370	7,470	16.00	Petroleum Information Corp. (unpublished)
sld30-13-04dc	5,540	5,610	15.00	Petroleum Information Corp. (unpublished)
sld42-21-02aa	5,730	5,782	7.10	Petroleum Information Corp. (unpublished)
sld43-23-25cd	5,380	5,498	9.40	Petroleum Information Corp. (unpublished)
<u>324PRDX</u>				
ga40-25-06ac	5,090	5,240	6.30	Petroleum Information Corp. (unpublished)
ga41-26-31cc	5,075	5,092	4.80	Petroleum Information Corp. (unpublished)
ga41-26-33cc	4,883	5,070	0.70	Petroleum Information Corp. (unpublished)
ga41-28-11ca	5,450	5,513	7.60	Petroleum Information Corp. (unpublished)
ga41-28-22bc	5,201	5,285	0.30	Petroleum Information Corp. (unpublished)

Table 3.--Artesian yields from wells and springs--Continued

Site	Depth to top (feet)	Depth to bottom (feet)	Yield (gallons per minute)	Remarks
<u>324PRDX</u>				
ga41-29-22aa	5,240	5,427	40.00	Petroleum Information Corp. (unpublished)
ga41-31-07cc	5,460	5,517	20.00	Petroleum Information Corp. (unpublished)
nmb26-18-18db	6,405	6,450	5.90	Petroleum Information Corp. (unpublished)
nmb26-18-28dd	6,302	6,356	61.00	Petroleum Information Corp. (unpublished)
nmb31-12-31d	9,485	9,535	5.00	Petroleum Information Corp. (unpublished)
nmb32-15-21cd	8,195	8,300	3.30	Petroleum Information Corp. (unpublished)
nmb33-14-36acd	9,498	9,633	10.00	Petroleum Information Corp. (unpublished)
nmb33-20-16ac	5,888	5,950	64.00	Petroleum Information Corp. (unpublished)
nmb33.5-20-25cb	5,850	5,902	15.00	Petroleum Information Corp. (unpublished)
nmb33.5-20-33ab	5,860	5,893	33.00	Petroleum Information Corp. (unpublished)
nmb34-13-01ca	8,488	8,719	23.00	Petroleum Information Corp. (unpublished)
nmb35-12-17ab	7,125	7,216	56.00	Petroleum Information Corp. (unpublished)
nmb35-13-14cd	7,412	7,454	34.00	Petroleum Information Corp. (unpublished)
nmb36-09-10bcb	0	0	24.00	Tripp Hot Spring (Barrett and Pearl, 1977)
nmb36-09-16b	0	0	15.00	Trimble Hot Spring (Iorns and others, 1964)
nmb36-19-02ca	5,152	5,224	0.21	Petroleum Information Corp. (unpublished)
nmb37-13-31ab	5,336	5,352	30.00	Petroleum Information Corp. (unpublished)
nmb37-19-06bac	6,114	6,146	38.00	Petroleum Information Corp. (unpublished)
nmb37-20-24dd	6,061	6,077	6.00	Petroleum Information Corp. (unpublished)
nmb38-19-29da	5,364	5,722	5.40	Petroleum Information Corp. (unpublished)
nmb39-20-10dc	6,305	6,332	5.00	Petroleum Information Corp. (unpublished)
nmb39-20-12ba	6,327	6,361	4.50	Petroleum Information Corp. (unpublished)
nmb43-15-12bb	11,006	11,103	36.00	Petroleum Information Corp. (unpublished)
nmb44-14-16bca	6,600	6,655	1.90	Petroleum Information Corp. (unpublished)
nmb44-18-21dda	7,035	7,163	4.30	Petroleum Information Corp. (unpublished)
nmb45-18-26ccb	9,605	9,700	11.00	Petroleum Information Corp. (unpublished)
sld22-16-02bbd	5,792	5,896	146.00	Petroleum Information Corp. (unpublished)
sld23-14-11aa	5,534	5,624	103.00	Petroleum Information Corp. (unpublished)
sld24-24-21c	0	0	25.00	Stinking Spring (Ritzma and Doelling, 1969)
sld24-24-22	0	0	55.00	Onion Creek Spring (Rouse, 1967)
sld25-12-34cc	4,785	4,788	22.00	Petroleum Information Corp. (unpublished)
sld25-15-22ac	4,790	4,935	11.00	Petroleum Information Corp. (unpublished)
sld26-19-14ac	6,266	6,373	5.40	Petroleum Information Corp. (unpublished)
sld26-19-23aa	4,432	4,445	5.10	Petroleum Information Corp. (unpublished)
sld26-20-31bbb	6,036	6,052	21.00	Petroleum Information Corp. (unpublished)
sld29-24-28ac	3,644	3,705	19.00	Petroleum Information Corp. (unpublished)
sld30-12-24adc	4,900	4,936	2.50	Petroleum Information Corp. (unpublished)
sld30-24-24ba	3,600	3,710	4.80	Petroleum Information Corp. (unpublished)
sld31-12-04acc	4,922	4,972	21.00	Petroleum Information Corp. (unpublished)
sld32-17-08dc	0	0	90.00	U.S. Geological Survey (unpublished)
sld32-21-02baa	3,004	3,134	2.70	Petroleum Information Corp. (unpublished)
sld36-21-22bd	5,555	5,594	6.30	Petroleum Information Corp. (unpublished)
sld36-25-13adb	5,817	5,890	20.00	Petroleum Information Corp. (unpublished)
sld37-14-03cad	3,145	3,228	9.60	Petroleum Information Corp. (unpublished)
sld37-19-23cc	2,369	2,396	1.90	Petroleum Information Corp. (unpublished)
sld38-22-34ad	6,247	6,309	6.50	Petroleum Information Corp. (unpublished)
sld38-25-09bab	5,513	5,529	3.80	Petroleum Information Corp. (unpublished)
sld38-26-16baa	5,144	5,265	17.00	Petroleum Information Corp. (unpublished)
sld39-13-24dd	5,011	5,231	18.00	Petroleum Information Corp. (unpublished)
sld39-21-13da	5,649	5,710	21.00	Petroleum Information Corp. (unpublished)

Table 3.--Artesian yields from wells and springs--Continued

Site	Depth to top (feet)	Depth to bottom (feet)	Yield (gallons per minute)	Remarks
<u>324PRDX--Continued</u>				
sld39-21-15cd	5,650	5,751	2.30	Petroleum Information Corp. (unpublished)
sld39-22-29cb	5,782	5,819	21.00	Petroleum Information Corp. (unpublished)
sld39-24-31cc	6,086	6,162	14.00	Petroleum Information Corp. (unpublished)
sld40-22-24cc	5,568	5,615	2.40	Petroleum Information Corp. (unpublished)
sld40-23-20dbb	5,523	5,600	9.50	Petroleum Information Corp. (unpublished)
sld40-25-14ccd	5,788	5,843	21.00	Petroleum Information Corp. (unpublished)
sld40-26-32aa	5,465	5,552	13.00	Petroleum Information Corp. (unpublished)
sld41-23-35dd	5,315	5,330	20.00	Petroleum Information Corp. (unpublished)
sld41-24-32bca	5,873	5,935	21.00	Petroleum Information Corp. (unpublished)
sld41-25-26cc	5,364	5,394	22.00	Petroleum Information Corp. (unpublished)
sld41-26-15cb	5,602	5,654	2.30	Petroleum Information Corp. (unpublished)
sld42-23-19ba	6,379	6,459	13.00	Petroleum Information Corp. (unpublished)
sld43-22-04aa	4,748	4,792	19.00	Petroleum Information Corp. (unpublished)
sld43-22-06bb	4,930	4,972	8.10	Petroleum Information Corp. (unpublished)
<u>324RDVL</u>				
sb14-113-01adc	18,440	18,605	1.60	Petroleum Information Corp. (unpublished)
sb15-112-29ca	18,140	18,480	0.83	Petroleum Information Corp. (unpublished)
<u>327BLDN</u>				
sb04-91-10bbb	9,480	9,550	4.00	Petroleum Information Corp. (unpublished)
sc08-84-14baa	242	297	100.00	U.S. Bureau of Reclamation (unpublished)
<u>327MNGC</u>				
sld14-10-31cdb	12,051	12,310	2.30	Petroleum Information Corp. (unpublished)
<u>327MOLS</u>				
sld27-21-36cdd	7,350	7,413	29.00	Petroleum Information Corp. (unpublished)
sld37-23-32ba	7,849	7,950	22.00	Petroleum Information Corp. (unpublished)
sld38-15-26cb	7,866	8,218	10.00	Petroleum Information Corp. (unpublished)
sld40-20-28cc	2,136	2,152	4.30	Petroleum Information Corp. (unpublished)
<u>331DRWN</u>				
sb26-90-14bab	6,581	6,640	8.50	Petroleum Information Corp. (unpublished)
<u>331HMBG</u>				
sb08-99-17	5,085	5,150	34.00	U.S. Geological Survey (unpublished)
sb19-112-22cc	17,424	17,498	8.90	Petroleum Information Corp. (unpublished)
sld04-20-04ddc	6,661	6,730	7.20	Petroleum Information Corp. (unpublished)
ub02-07-36aba	0	0	900.00	Hood and others (1976)
<u>337LDVL</u>				
ga40-30-05cc	6,059	6,120	27.00	Petroleum Information Corp. (unpublished)
nmb27-18-34cc	6,812	6,828	9.50	Petroleum Information Corp. (unpublished)
nmb32-15-21cd	9,364	9,494	7.30	Petroleum Information Corp. (unpublished)
nmb34-12-27cad	9,831	9,885	26.00	Petroleum Information Corp. (unpublished)
nmb34-12-28cd	9,972	10,026	15.00	Petroleum Information Corp. (unpublished)
nmb37-09-25ab	0	0	54.00	Mound Warm Spring (Barrett and Pearl, 1977)
nmb37-15-02cc	7,840	8,047	79.00	Petroleum Information Corp. (unpublished)
nmb37-17-27bb	7,715	7,740	0.60	Petroleum Information Corp. (unpublished)
nmb39-13-02bb	6,590	6,698	9.60	Petroleum Information Corp. (unpublished)
nmb40-17-13aa	9,140	9,207	0.68	Petroleum Information Corp. (unpublished)

Table 3.--Artesian yields from wells and springs--Continued

Site	Depth to top (feet)	Depth to bottom (feet)	Yield (gallons per minute)	Remarks
<u>337LDVL--Continued</u>				
nmb41-17-24aa	10,163	10,465	15.00	Petroleum Information Corp. (unpublished)
nmb41-18-17dd	9,104	9,265	34.00	Petroleum Information Corp. (unpublished)
nmb42-18-34bdc	10,044	10,079	0.86	Petroleum Information Corp. (unpublished)
nmb43-17-07	9,067	9,272	73.00	Petroleum Information Corp. (unpublished)
nmb44-07-31cbc	0	0	200.00	Pool Hot Spring (Barrett and Pearl, 1977)
nmb44-17-36ad	9,264	9,431	4.50	Petroleum Information Corp. (unpublished)
nmb44-19-16bcc	9,150	9,203	8.90	Petroleum Information Corp. (unpublished)
nmb45-19-31ac	10,157	10,335	68.00	Petroleum Information Corp. (unpublished)
nmb46-14-14ab	9,541	9,873	5.20	Petroleum Information Corp. (unpublished)
nmb47-15-10bd	6,664	6,700	58.00	Petroleum Information Corp. (unpublished)
nmb47-18-08cc	14,780	15,006	43.00	Petroleum Information Corp. (unpublished)
sb01-91-18db	3,546	3,656	7.80	Petroleum Information Corp. (unpublished)
sb02-92-36cb	5,167	5,300	16.00	Petroleum Information Corp. (unpublished)
sb04-92-22dcb	7,463	7,485	197.00	Petroleum Information Corp. (unpublished)
sc01-83-30dd	150	992	600.00	Colorado Division of Water Resources (unpublished)
sc01-91-32bcc	0	0	0.97	Teller and Welder (1983)
sc01-92-36daa	0	0	1.50	Teller and Welder (1983)
sc02-84-02bc	140	757	3,200.00	Hampton (1974)
sc02-84-03ad	149	980	7,500.00	Colorado Division of Water Resources (unpublished)
sc02-90-19bdd	0	0	370.00	Teller and Welder (1983)
sc02-91-06acb	0	0	34.00	Teller and Welder (1983)
sc03-90-07aba	0	0	102.00	Teller and Welder (1983)
sc03-91-10cad	0	0	266.00	Teller and Welder (1983)
sc03-92-23baa	0	0	400.00	Teller and Welder (1983)
sc03-92-33bbc	0	0	23.00	Teller and Welder (1983)
sc03-93-25bab	0	0	37.00	Teller and Welder (1983)
sc04-90-07dcd	0	0	5.80	Teller and Welder (1983)
sc04-91-06aad	0	0	1.90	Teller and Welder (1983)
sc04-92-11bba	0	0	142.00	Teller and Welder (1983)
sc04-94-25add	0	0	5.80	Teller and Welder (1983)
sc05-87-12bd	0	0	650.00	Dotsero Warm Springs (Barrett and Pearl, 1977)
sc05-88-34	0	0	674.00	Iorns and others (1964)
sc05-91-01bbb	0	0	120.00	Teller and Welder (1983)
sc06-89-09ad	0	0	2,950.00	Yampa Hot Spring (U.S.Geological Survey, unpublished)
sc08-83-09	0	0	1,123.00	Bowles Hatchery Spring (Iorns and other, 1964)
sc14-83-19cbc	0	0	300.00	White Water Spring (U.S. Geological Survey, unpublished)
sld22-20-17cb	14,850	14,994	13.00	Petroleum Information Corp. (unpublished)
sld24-20-11bc	11,795	11,913	22.00	Petroleum Information Corp. (unpublished)
sld29.5-23-36dac	9,310	9,540	12.00	Petroleum Information Corp. (unpublished)
sld34-25-23ad	8,145	8,205	12.00	Petroleum Information Corp. (unpublished)
sld35-25-09ad	7,034	7,150	6.10	Petroleum Information Corp. (unpublished)
sld35-26-20ad	7,588	7,653	0.52	Petroleum Information Corp. (unpublished)
sld39-24-04aaa	7,830	7,881	53.00	Petroleum Information Corp. (unpublished)
sld40-25-21dc	7,515	7,637	58.00	Petroleum Information Corp. (unpublished)
sld40-26-19ad	7,345	7,410	28.00	Petroleum Information Corp. (unpublished)
<u>337MDSN</u>				
sb06-96-35ccd	3,731	3,817	47.00	Petroleum Information Corp. (unpublished)
sb07-103-20cad	0	0	450.00	Mitten Park Fault Spring (Hood and others, 1976)
sb08-99-16bcd	5,871	5,877	46.00	U.S. Geological Survey (unpublished)
sb12-101-24cc	16,600	16,760	20.00	Petroleum Information Corp. (unpublished)
sb15-112-29ac	18,552	18,741	43.00	Petroleum Information Corp. (unpublished)

Table 3.--Artesian yields from wells and springs--Continued

Site	Depth to top (feet)	Depth to bottom (feet)	Yield (gallons per minute)	Remarks
<u>337MDSN--Continued</u>				
sb16-101-11ba	15,013	15,035	27.00	Petroleum Information Corp. (unpublished)
sb16-104-16ddb	7,074	7,130	23.00	Petroleum Information Corp. (unpublished)
sb16-112-08ad	18,313	18,431	5.30	Petroleum Information Corp. (unpublished)
sb16-112-28dd	18,240	18,288	4.20	Petroleum Information Corp. (unpublished)
sb16-117-32cca	5,778	5,880	39.00	Petroleum Information Corp. (unpublished)
sb18-98-21db	18,652	19,171	27.00	Petroleum Information Corp. (unpublished)
sb19-104-11ac	7,507	7,670	2.80	Petroleum Information Corp. (unpublished)
sb19-112-22cc	18,004	18,128	31.00	Petroleum Information Corp. (unpublished)
sb19-87-29da	5,711	5,811	37.00	Petroleum Information Corp. (unpublished)
sb20-84-28cc	10,060	10,194	25.00	Petroleum Information Corp. (unpublished)
sb21-117-14cc	3,228	3,285	1.40	Petroleum Information Corp. (unpublished)
sb22-105-11bcc	17,998	18,150	37.00	Petroleum Information Corp. (unpublished)
sb25-88-31ac	5,935	6,015	38.00	Petroleum Information Corp. (unpublished)
sb26-114-01bac	0	0	5,500.00	Hogsback Spring (Lines and Glass, 1975)
sb26-114-01dcc	0	0	15.00	Lines and Glass (1975)
sb26-88-34a	5,204	5,259	102.00	Petroleum Information Corp. (unpublished)
sb26-89-24dc	6,860	6,905	5.70	Petroleum Information Corp. (unpublished)
sb26-90-14bab	6,717	6,806	36.00	Petroleum Information Corp. (unpublished)
sb28-113-19bbd	13,718	14,033	2.10	Petroleum Information Corp. (unpublished)
sb30-117-24a	0	0	100.00	Lines and Glass (1975)
sb33-118-13acc	0	0	150.00	Lines and Glass (1975)
sb37-118-34dcd	0	0	15.00	Lines and Glass (1975)
sb39-116-32daa	0	0	350.00	Lines and Glass (1975)
sc05-103-25cc	8,553	8,600	2.00	Petroleum Information Corp. (unpublished)
sla02-19-16cbcb	0	0	2,900.00	Sheep Creek Spring (U.S. Geological Survey, unpublished)
sla03-24-22bdb	10,764	10,912	40.00	Petroleum Information Corp. (unpublished)
sld04-24-16cdd	0	0	2,700.00	Split Mountain Warm Spring (Hood and others, 1976)
ub01-08-17cbb	0	0	6,940.00	Big Spring (Hood and others, 1976)
ub02-02-05dbb	0	0	4,500.00	Indian Big Spring (Hood and others, 1976)
ub02-07-25cab	0	0	678.00	Hood and others (1976)
ub03-02-34	0	0	5,164.00	U.S. Geological Survey (unpublished)
<u>337RDLL</u>				
ga32-06-01c	0	0	100.00	Cooley (1976)
ga32-07-31b	0	0	44,550.00	Blue Spring (Cooley, 1976)
ga36-05-27b	0	0	4,500.00	Vasey's Paradise Spring (Cooley, 1976)
ga36-28-06bb	3,773	3,883	7.20	Petroleum Information Corp. (unpublished)
ga38-24-29dba	5,555	5,650	7.10	Petroleum Information Corp. (unpublished)
ga39-25-28bd	5,020	5,264	9.30	Petroleum Information Corp. (unpublished)
ga40-25-06aa	5,925	5,992	24.00	Petroleum Information Corp. (unpublished)
ga40-25-11dac	5,736	5,890	10.00	Petroleum Information Corp. (unpublished)
ga40-27-06bb	5,925	5,945	7.80	Petroleum Information Corp. (unpublished)
ga40-28-01cc	5,592	5,640	16.00	Petroleum Information Corp. (unpublished)
ga40-29-15cca	5,695	5,775	12.00	Petroleum Information Corp. (unpublished)
ga40-29-16bdd	5,710	5,750	15.00	Petroleum Information Corp. (unpublished)
ga40-29-18da	6,226	6,262	10.00	Petroleum Information Corp. (unpublished)
ga41-28-04da	5,689	5,720	18.00	Petroleum Information Corp. (unpublished)
ga41-28-09ac	6,068	6,130	27.00	Petroleum Information Corp. (unpublished)
ga41-29-06dd	5,738	5,820	13.00	Petroleum Information Corp. (unpublished)
ga41-30-10cb	6,256	6,317	12.00	Petroleum Information Corp. (unpublished)
ga41-30-16ccd	5,923	6,204	15.00	Petroleum Information Corp. (unpublished)
ga41-30-23cd	6,068	6,240	27.00	Petroleum Information Corp. (unpublished)
nmb32-20-17dd	6,589	6,694	12.00	Petroleum Information Corp. (unpublished)

Table 3.--Artesian yields from wells and springs--Continued

Site	Depth to top (feet)	Depth to bottom (feet)	Yield (gallons per minute)	Remarks
<u>337RDLI--Continued</u>				
nmb46-19-06dc	11,182	11,261	20.00	Petroleum Information Corp. (unpublished)
sb03-103-03cb	4,384	4,563	28.00	Petroleum Information Corp. (unpublished)
s1c32-02-23dbd	11,065	11,130	51.00	Petroleum Information Corp. (unpublished)
s1c35-02-22dba	10,186	10,310	55.00	Petroleum Information Corp. (unpublished)
sld09-20-22ccb	19,326	20,052	7.20	Petroleum Information Corp. (unpublished)
sld15-12-08cc	8,323	9,174	34.00	Petroleum Information Corp. (unpublished)
sld15-13-17db	7,990	8,080	24.00	Petroleum Information Corp. (unpublished)
sld16-12-27ab	6,998	7,132	8.40	Petroleum Information Corp. (unpublished)
sld17-14-29ac	8,340	8,507	4.10	Petroleum Information Corp. (unpublished)
sld17-14-29ac	8,442	8,508	47.00	Petroleum Information Corp. (unpublished)
sld18-12-12ad	5,050	5,150	40.00	Petroleum Information Corp. (unpublished)
sld18-14-08cc	7,640	7,920	33.00	Petroleum Information Corp. (unpublished)
sld18-14-30cc	6,963	7,083	8.40	Petroleum Information Corp. (unpublished)
sld19-12-09cc	4,803	4,853	6.30	Petroleum Information Corp. (unpublished)
sld19-13-12dd	6,518	6,608	26.00	Petroleum Information Corp. (unpublished)
sld21-15-24cc	9,705	9,753	57.00	Petroleum Information Corp. (unpublished)
sld22-13-24aa	6,443	6,749	161.00	Petroleum Information Corp. (unpublished)
sld22-13-24aa	6,645	6,755	32.00	Petroleum Information Corp. (unpublished)
sld22-15-09ac	8,704	8,747	78.00	Petroleum Information Corp. (unpublished)
sld22-15-26ca	8,383	8,490	47.00	Petroleum Information Corp. (unpublished)
sld22-16-25bb	9,225	9,280	34.00	Petroleum Information Corp. (unpublished)
sld22-17-34bd	10,053	10,173	32.00	Petroleum Information Corp. (unpublished)
sld23-15-21ba	7,500	7,702	11.00	Petroleum Information Corp. (unpublished)
sld23-16-03bc	8,530	8,715	82.00	Petroleum Information Corp. (unpublished)
sld23-17-16da	8,858	8,887	26.00	Petroleum Information Corp. (unpublished)
sld23-17-21dda	8,465	8,525	5.80	Petroleum Information Corp. (unpublished)
sld23-18-21bbb	10,240	10,333	41.00	Petroleum Information Corp. (unpublished)
sld24-14-10aa	6,120	6,353	21.00	Petroleum Information Corp. (unpublished)
sld24-14-21daa	7,200	7,350	17.00	Petroleum Information Corp. (unpublished)
sld24-16-19ac	7,968	8,067	46.00	Petroleum Information Corp. (unpublished)
sld24-17-26cca	8,525	8,615	49.00	Petroleum Information Corp. (unpublished)
sld25-12-34cc	5,595	5,720	14.00	Petroleum Information Corp. (unpublished)
sld25-12-34cc	5,789	6,008	58.00	Petroleum Information Corp. (unpublished)
sld25-15-32ca	5,631	5,843	31.00	Petroleum Information Corp. (unpublished)
sld25-16-29cd	6,486	6,594	55.00	Petroleum Information Corp. (unpublished)
sld25-17-20da	6,361	6,386	51.00	Petroleum Information Corp. (unpublished)
sld25-18-35cac	7,990	8,087	19.00	Petroleum Information Corp. (unpublished)
sld25-19-27db	7,602	7,630	32.00	Petroleum Information Corp. (unpublished)
sld26-13-35ac	5,940	6,040	25.00	Petroleum Information Corp. (unpublished)
sld26-14-26dd	6,500	6,700	25.00	Petroleum Information Corp. (unpublished)
sld26-14-30cc	5,860	6,007	18.00	Petroleum Information Corp. (unpublished)
sld26-17-05cc	6,410	6,466	23.00	Petroleum Information Corp. (unpublished)
sld26-18-07dad	6,978	7,086	60.00	Petroleum Information Corp. (unpublished)
sld26-19-14dc	7,486	7,534	1.50	Petroleum Information Corp. (unpublished)
sld26-20-31bbb	7,543	7,583	42.00	Petroleum Information Corp. (unpublished)
sld26-22-01acc	10,807	10,944	12.00	Petroleum Information Corp. (unpublished)
sld27-12-09aac	6,210	6,430	49.00	Petroleum Information Corp. (unpublished)
sld27-13-36cd	6,712	6,820	56.00	Petroleum Information Corp. (unpublished)
sld27-15-35bc	5,170	5,410	15.00	Petroleum Information Corp. (unpublished)
sld27-16-33ac	5,894	5,994	64.00	Petroleum Information Corp. (unpublished)
sld27-18-26ba	6,260	6,400	8.50	Petroleum Information Corp. (unpublished)
sld27-19-27cad	7,645	7,735	48.00	Petroleum Information Corp. (unpublished)
sld27-20-06ca	6,230	6,286	79.00	Petroleum Information Corp. (unpublished)
sld27-21-03cd	6,150	6,274	25.00	Petroleum Information Corp. (unpublished)
sld27-21-34cab	7,908	7,940	17.00	Petroleum Information Corp. (unpublished)



Table 3.--Artesian yields from wells and springs--Continued

Site	Depth to top (feet)	Depth to bottom (feet)	Yield (gallons per minute)	Remarks
<u>337RDL--Continued</u>				
sld27-22-17ddb	7,025	7,083	24.00	Petroleum Information Corp. (unpublished)
sld27-22-32aa	7,210	7,248	42.00	Petroleum Information Corp. (unpublished)
sld28-05-13db	4,934	5,059	28.00	Petroleum Information Corp. (unpublished)
sld28-08-29cd	6,556	6,618	20.00	Petroleum Information Corp. (unpublished)
sld28-11-05cd	7,100	7,301	26.00	Petroleum Information Corp. (unpublished)
sld28-14-14cc	6,798	6,974	18.00	Petroleum Information Corp. (unpublished)
sld28-18-12ba	5,652	5,825	20.00	Petroleum Information Corp. (unpublished)
sld28-20-23dd	4,680	4,712	23.00	Petroleum Information Corp. (unpublished)
sld28-21-22ca	7,726	7,786	51.00	Petroleum Information Corp. (unpublished)
sld28-21-31bd	3,589	3,714	4.40	Petroleum Information Corp. (unpublished)
sld28-22-34aa	8,125	8,227	15.00	Petroleum Information Corp. (unpublished)
sld28-23-17cd	8,370	8,450	57.00	Petroleum Information Corp. (unpublished)
sld28-25-28ca	12,475	12,572	16.00	Petroleum Information Corp. (unpublished)
sld29-10-08cc	7,920	7,953	23.00	Petroleum Information Corp. (unpublished)
sld29-13-01aab	6,230	6,404	48.00	Petroleum Information Corp. (unpublished)
sld29-15-20ad	6,685	6,846	7.90	Petroleum Information Corp. (unpublished)
sld29-16-08dc	6,634	6,675	41.00	Petroleum Information Corp. (unpublished)
sld29-20-04cba	4,334	4,344	9.30	Petroleum Information Corp. (unpublished)
sld29-21-18cb	6,420	6,540	53.00	Petroleum Information Corp. (unpublished)
sld29-24-28ac	9,876	9,951	68.00	Petroleum Information Corp. (unpublished)
sld29-26-05dd	11,406	11,557	5.90	Petroleum Information Corp. (unpublished)
sld29.5-20-35ada	5,955	5,974	33.00	Petroleum Information Corp. (unpublished)
sld30-12-24adc	6,088	6,110	20.00	Petroleum Information Corp. (unpublished)
sld30-13-04dc	6,043	6,129	31.00	Petroleum Information Corp. (unpublished)
sld30-16-27bd	5,764	5,916	16.00	Petroleum Information Corp. (unpublished)
sld30-20-19dc	4,428	4,528	5.60	Petroleum Information Corp. (unpublished)
sld30-23-13da	8,545	8,650	42.00	Petroleum Information Corp. (unpublished)
sld30-24-30db	8,177	8,289	6.40	Petroleum Information Corp. (unpublished)
sld30-25-24ba	10,080	10,244	23.00	Petroleum Information Corp. (unpublished)
sld30-25-28bc	9,680	9,712	44.00	Petroleum Information Corp. (unpublished)
sld30-26-22cb	10,722	10,854	77.00	Petroleum Information Corp. (unpublished)
sld31-07-36da	6,518	6,648	36.00	Petroleum Information Corp. (unpublished)
sld31-12-24da	6,070	6,150	18.00	Petroleum Information Corp. (unpublished)
sld31-22-22cbb	7,480	7,564	132.00	Petroleum Information Corp. (unpublished)
sld31-23-26bd	8,361	8,441	11.00	Petroleum Information Corp. (unpublished)
sld31-25-21cc	9,700	9,865	20.00	Petroleum Information Corp. (unpublished)
sld35-05-18ca	4,372	4,400	24.00	Petroleum Information Corp. (unpublished)
sld35-20-18dc	4,247	4,347	6.10	Petroleum Information Corp. (unpublished)
sld36-01-12bc	8,848	8,971	50.00	Petroleum Information Corp. (unpublished)
sld37-15-33ba	4,184	4,310	29.00	Petroleum Information Corp. (unpublished)
sld37-20-32	4,350	4,400	8.50	Petroleum Information Corp. (unpublished)
sld37-21-29bac	5,903	5,995	14.00	Petroleum Information Corp. (unpublished)
sld37-22-17cdd	7,712	7,728	2.60	Petroleum Information Corp. (unpublished)
sld37-24-20ab	8,210	8,259	6.70	Petroleum Information Corp. (unpublished)
sld38-20-26bca	2,452	2,464	2.30	Petroleum Information Corp. (unpublished)
sld39-22-29cb	7,571	7,614	12.00	Petroleum Information Corp. (unpublished)
sld39-23-32abb	7,597	7,681	22.00	Petroleum Information Corp. (unpublished)
sld40-07-02bd	6,142	7,155	14.00	Petroleum Information Corp. (unpublished)
sld40-10-03cd	4,412	4,466	21.00	Petroleum Information Corp. (unpublished)
sld40-21-33da	6,065	6,104	3.30	Petroleum Information Corp. (unpublished)
sld40-25-19caa	7,347	7,378	13.00	Petroleum Information Corp. (unpublished)
sld41-18-01aa	2,300	2,380	8.60	Petroleum Information Corp. (unpublished)
sld41-20-36bb	6,330	6,405	6.80	Petroleum Information Corp. (unpublished)
sld41-21-35dc	6,265	6,345	11.00	Petroleum Information Corp. (unpublished)
sld41-23-35dd	6,400	6,506	21.00	Petroleum Information Corp. (unpublished)

Table 3.--Artesian yields from wells and springs--Continued

Site	Depth to top (feet)	Depth to bottom (feet)	Yield (gallons per minute)	Remarks
<u>337RDLL--Continued</u>				
sld42-23-02cb	5,855	5,890	20.00	Petroleum Information Corp. (unpublished)
sld42-24-01aa	6,698	6,750	10.00	Petroleum Information Corp. (unpublished)
sld43-02-19bc	6,390	6,505	17.00	Petroleum Information Corp. (unpublished)
sld43-21-19ba	6,050	6,130	25.00	Petroleum Information Corp. (unpublished)
sld43-24-06bb	6,805	6,925	34.00	Petroleum Information Corp. (unpublished)
sld43-24-13aa	6,490	6,530	4.00	Petroleum Information Corp. (unpublished)
sld43-25-33ba	6,680	6,800	8.30	Petroleum Information Corp. (unpublished)
sld43-26-31bb	6,775	6,947	14.00	Petroleum Information Corp. (unpublished)
<u>341DRBY</u>				
sb33-117-24b	0	0	40.00	Lines and Glass (1975)
sb38-115-03bca	0	0	900.00	Lines and Glass (1975)
sb38-115-03bcd	0	0	1,100.00	Lines and Glass (1975)
<u>341ELBR</u>				
ga35-28-25ddd	2,748	2,810	11.00	Petroleum Information Corp. (unpublished)
ga37-29-35bb	3,415	3,483	4.80	Petroleum Information Corp. (unpublished)
ga38-27-20dd	5,590	5,690	7.30	Petroleum Information Corp. (unpublished)
ga39-24-07dd	6,040	6,133	9.60	Petroleum Information Corp. (unpublished)
ga40-24-08ca	6,322	6,349	3.10	Petroleum Information Corp. (unpublished)
ga40-28-18bb	6,735	6,900	13.00	Petroleum Information Corp. (unpublished)
ga41-25-20aa	6,500	6,535	7.20	Petroleum Information Corp. (unpublished)
ga41-28-09ac	6,500	6,520	30.00	Petroleum Information Corp. (unpublished)
ga41-29-06dd	6,014	6,080	12.00	Petroleum Information Corp. (unpublished)
ga41-29-06dd	6,136	6,246	4.60	Petroleum Information Corp. (unpublished)
nb06-06-20bba	2,644	2,674	18.00	Petroleum Information Corp. (unpublished)
nb06-07-32aa	2,441	2,516	3.50	Petroleum Information Corp. (unpublished)
nb06-10-14bc	2,813	2,959	7.20	Petroleum Information Corp. (unpublished)
nb07-09-14dd	2,434	2,494	5.60	Petroleum Information Corp. (unpublished)
nmb26-18-28ad	6,795	6,873	12.00	Petroleum Information Corp. (unpublished)
nmb27-17-20ba	7,750	7,850	1.50	Petroleum Information Corp. (unpublished)
nmb40-18-13db	8,806	8,901	8.50	Petroleum Information Corp. (unpublished)
nmb44-18-16bca	8,401	8,570	3.70	Petroleum Information Corp. (unpublished)
sld25-14-22cd	5,340	5,481	44.00	Petroleum Information Corp. (unpublished)
sld27-15-32ad	6,510	6,613	42.00	Petroleum Information Corp. (unpublished)
sld28-18-12ba	6,391	6,509	8.00	Petroleum Information Corp. (unpublished)
sld28-20-23dd	5,450	5,613	18.00	Petroleum Information Corp. (unpublished)
sld28-21-31bd	4,150	4,193	12.00	Petroleum Information Corp. (unpublished)
sld30-24-30db	8,789	8,957	4.50	Petroleum Information Corp. (unpublished)
sld31-25-21cc	10,280	10,450	18.00	Petroleum Information Corp. (unpublished)
sld36-10-18-aa	8,279	8,314	58.00	Petroleum Information Corp. (unpublished)
sld38-20-26bca	3,020	3,029	0.05	Petroleum Information Corp. (unpublished)
sld39-24-04aaa	8,295	8,406	10.00	Petroleum Information Corp. (unpublished)
sld41-23-35dd	6,889	7,020	8.00	Petroleum Information Corp. (unpublished)
sld43-22-21abd	5,877	5,896	5.60	Petroleum Information Corp. (unpublished)
<u>341OURY</u>				
nmb45-08-15aa	4,345	4,356	12.00	Petroleum Information Corp. (unpublished)
nmb45-12-02bd	3,140	3,260	21.00	Petroleum Information Corp. (unpublished)
sld39-23-32cd	7,610	7,630	6.20	Petroleum Information Corp. (unpublished)
sld42-22-33ac	5,807	5,930	5.00	Petroleum Information Corp. (unpublished)
sld43-22-22ba	5,855	5,978	32.00	Petroleum Information Corp. (unpublished)

Table 3.--Artesian yields from wells and springs--Continued

Site	Depth to top (feet)	Depth to bottom (feet)	Yield (gallons per minute)	Remarks
<u>361BGRN</u>				
sb21-118-19dad	7,902	8,181	41.00	Petroleum Information Corp. (unpublished)
sb26-113-07bda	0	0	5.00	Lines and Glass (1975)
sb31-117-11c	0	0	125.00	Lines and Glass (1975)
sb34-118-26aad	0	0	3,200.00	Lines and Glass (1975)
sb35-118-07cba	0	0	450.00	Lines and Glass (1975)
sb37-118-18aab	0	0	250.00	Lines and Glass (1975)
<u>371IGNC</u>				
nmb40-17-13aa	9,400	9,512	0.60	Petroleum Information Corp. (unpublished)
<u>371LNCH</u>				
sld20-07-21ad	9,005	9,101	27.00	Petroleum Information Corp. (unpublished)
sld30-06-08ab	3,610	3,710	3.20	Petroleum Information Corp. (unpublished)
<u>371LODR</u>				
sc05-103-25cc	9,165	9,210	2.30	Petroleum Information Corp. (unpublished)
<u>371STCH</u>				
sc14-85-22dda	0	0	25.00	U.S. Geological Survey (unpublished)
<u>374BGAG</u>				
sld30-24-10da	9,070	9,310	8.00	Petroleum Information Corp. (unpublished)
<u>374FLTD</u>				
sb16-101-11ba	16,350	16,497	1.50	Petroleum Information Corp. (unpublished)
sb25-86-34da	7,945	8,026	4.00	Petroleum Information Corp. (unpublished)
sb26-89-06cac	7,005	7,040	2.40	Petroleum Information Corp. (unpublished)
<u>374MUAV</u>				
ga36-28-06bb	4,150	4,210	31.00	Petroleum Information Corp. (unpublished)
ga38-27-20dd	5,710	5,771	17.00	Petroleum Information Corp. (unpublished)
ga39-23-12db	6,071	6,091	7.20	Petroleum Information Corp. (unpublished)
ga40-20-11dac	6,286	6,362	7.50	Petroleum Information Corp. (unpublished)
ga40-24-08ca	6,525	6,575	3.00	Petroleum Information Corp. (unpublished)
ga40-26-30bb	6,265	6,350	5.00	Petroleum Information Corp. (unpublished)
ga41-28-04da	6,319	6,337	4.70	Petroleum Information Corp. (unpublished)
ga41-30-16ccd	6,576	6,594	6.70	Petroleum Information Corp. (unpublished)
ga41-30-30ba	6,600	6,635	11.00	Petroleum Information Corp. (unpublished)
sld40-12-27bb	5,653	5,800	7.80	Petroleum Information Corp. (unpublished)
<u>374TNTC</u>				
sld15-12-07cc	8,183	8,310	9.00	Petroleum Information Corp. (unpublished)
<u>374TPTS</u>				
ga28-15-09dc	6,473	6,560	5.30	Petroleum Information Corp. (unpublished)
ga29-19-08ad	7,548	7,660	6.60	Petroleum Information Corp. (unpublished)
sld40-12-27bb	6,648	6,711	3.70	Petroleum Information Corp. (unpublished)
sld40-24-20ba	7,700	7,884	26.00	Petroleum Information Corp. (unpublished)
<u>420UNMN</u>				
ub03-01-07bcc	0	0	10.00	Hood and others (1976)
ub03-02-19cbd	0	0	2,200.00	Smokey Springs (Hood and others, 1976)

Table 4.--*Laboratory-determined porosity and permeability*

1. Depths to the top and bottom of intervals are measured from the land surface, drilling platform, or kelly bushing. The measuring point was unspecified or was not recorded in compiling the information in this table. An error of no more than 20 feet is introduced by assuming the measuring point was the land surface. Depths of less than 5 feet in either depth column at 6 sites indicate an outcrop sample. All other values in this table were determined for core samples.
2. Outcrop-sample data were compiled from reports by Hood (1976) and Hood and Patterson (1984) and from unpublished files of the U.S. Geological Survey. Core-sample data were compiled from unpublished files of Petroleum Information Corp. (Denver, Colo.).
3. Formation codes are defined in table 1.
4. For each site, porosity and permeability values are averaged by formation ("AVERAGE") and by site ("SITE AVERAGE").
5. Porosity and permeability values listed in this table were determined by laboratory analyses. Thus, the permeability values represent intergranular permeability only. They generally are different from values of permeability determined by drill-stem tests, which take into account large secondary openings in addition to pore openings. Thus, the values of permeability in this table do not agree with in-situ values of permeability listed in table 5 for the same sites.
6. Values are reported to three significant figures (trailing zeros are not significant). Values of permeability listed as 0.000000 indicate a permeability of less than the lower limit of detection, which in different analyses was either 0.01 or, less commonly, 0.1 millidarcies.
7. Lithologic descriptions in this table are taken from geologic logs and outcrop descriptions. They generally should be considered nonquantitative.
8. To comply with format restrictions, the term w/ is used in places to mean "with."

Table 4.--Laboratory-determined porosity and permeability

Site	Depth to top (feet)	Depth to bottom (feet)	Formation	Porosity (percent)	Permeability (millidarcies)	Lithology
ga36-29-23da	5,232.0	5,233.5	341ELBR	7.4	0.140000	Fine- to medium-grained, well-cemented sandstone
ga36-29-23da	5,233.5	5,235.5	341ELBR	8.3	7.260000	Fine-grained, well-cemented quartz sandstone
ga36-29-23da	5,235.5	5,237.0	341ELBR	5.9	4.070000	Shaly, fine- to coarse-grained sandstone
ga36-29-23da	5,237.0	5,239.0	341ELBR	5.3	1.070000	Fine- to coarse-grained, cemented sandstone
ga36-29-23da	5,239.0	5,240.0	341ELBR	5.5	2.180000	Shaly, coarse-grained, cemented sandstone
ga36-29-23da	5,240.0	5,241.0	341ELBR	5.8	3.410000	Shaly, fine- to coarse-grained, cemented sandstone
ga36-29-23da	5,241.0	5,242.0	341ELBR	3.0	0.420000	Fine- to medium-grained sandstone
ga36-29-23da	5,242.0	5,243.5	341ELBR	4.1	0.150000	Medium- to coarse-grained sandstone
ga36-29-23da	5,243.5	5,245.0	341ELBR	3.9	0.200000	Fine- to coarse-grained, well-cemented sandstone
ga36-29-23da	5,268.0	5,269.5	341ELBR	10.6	2.570000	Very fine- to medium-grained sandstone
ga36-29-23da	5,269.5	5,271.0	341ELBR	8.4	21.200000	Fine- to coarse-grained sandstone
ga36-29-23da	5,271.0	5,272.5	341ELBR	7.2	7.000000	Fine- to medium-grained sandstone
ga36-29-23da	5,272.5	5,274.0	341ELBR	8.4	6.560000	Shaly, medium-grained sandstone
ga36-29-23da	5,274.0	5,275.5	341ELBR	7.0	3.640000	Shaly, fine- to medium-grained sandstone
ga36-29-23da	5,275.5	5,277.0	341ELBR	8.3	38.300000	Medium- to coarse-grained quartz sandstone
ga36-29-23da	5,277.0	5,278.5	341ELBR	8.0	55.200000	Coarse-grained quartz sandstone
ga36-29-23da	5,278.5	5,280.0	341ELBR	2.2	0.050000	Slightly limy shale
AVERAGE--				6.4	9.024706	
SITE AVERAGE-----				6.4	9.024706	
ga36-30-20ddb	3,636.0	3,637.0	341ELBR	1.2	0.000000	Very fine-grained sandstone
ga36-30-20ddb	3,638.0	3,639.0	341ELBR	2.5	0.000000	Shaly, fine-grained sandstone
ga36-30-20ddb	3,639.0	3,640.0	341ELBR	2.9	0.000000	Shaly, fine-grained sandstone
ga36-30-20ddb	3,640.0	3,641.0	341ELBR	4.7	0.100000	Shaly, fine-grained sandstone
ga36-30-20ddb	3,641.0	3,642.0	341ELBR	5.4	0.000000	Shaly, fine-grained sandstone
ga36-30-20ddb	3,642.0	3,643.0	341ELBR	3.4	0.000000	Shaly, fine-grained sandstone
ga36-30-20ddb	3,644.0	3,645.0	341ELBR	2.5	0.000000	Shaly, fine-grained sandstone
ga36-30-20ddb	3,646.0	3,647.0	341ELBR	6.5	0.100000	Shaly, fine-grained sandstone
ga36-30-20ddb	3,647.0	3,648.0	341ELBR	5.3	0.100000	Shaly, fine-grained sandstone
ga36-30-20ddb	3,648.0	3,649.0	341ELBR	3.4	0.000000	Shaly, fine-grained sandstone
ga36-30-20ddb	3,650.0	3,651.0	341ELBR	5.6	0.200000	Shaly, fine-grained sandstone
ga36-30-20ddb	3,651.0	3,652.0	341ELBR	9.5	0.400000	Fine-grained sandstone
ga36-30-20ddb	3,652.0	3,653.0	341ELBR	9.3	15.000000	Cross-bedded, fine-grained sandstone
ga36-30-20ddb	3,655.0	3,656.0	341ELBR	7.9	55.000000	Cross-bedded, fine-grained sandstone
ga36-30-20ddb	3,656.0	3,657.0	341ELBR	7.4	33.000000	Cross-bedded, fine-grained sandstone
ga36-30-20ddb	3,657.0	3,658.0	341ELBR	8.4	33.000000	Fine-grained sandstone
ga36-30-20ddb	3,658.0	3,659.0	341ELBR	7.1	21.000000	Fine-grained sandstone
ga36-30-20ddb	3,659.0	3,660.0	341ELBR	2.7	5.400000	Fine-grained sandstone
ga36-30-20ddb	3,660.0	3,661.0	341ELBR	4.1	0.200000	Fine-grained sandstone
ga36-30-20ddb	3,661.0	3,662.0	341ELBR	0.8	0.000000	Shaly, fine-grained sandstone
ga36-30-20ddb	3,664.0	3,665.0	341ELBR	5.8	0.100000	Fine-grained sandstone
ga36-30-20ddb	3,665.0	3,666.0	341ELBR	4.3	0.000000	Fine-grained sandstone
ga36-30-20ddb	3,666.0	3,667.0	341ELBR	1.5	0.000000	Slightly shaly, fine-grained sandstone
ga36-30-20ddb	3,667.0	3,668.0	341ELBR	9.3	0.200000	Fine-grained sandstone
ga36-30-20ddb	3,668.0	3,669.0	341ELBR	11.0	15.000000	Fine-grained sandstone
ga36-30-20ddb	3,669.0	3,670.0	341ELBR	9.1	14.000000	Fine-grained sandstone
ga36-30-20ddb	3,670.0	3,671.0	341ELBR	7.5	1.300000	Fine-grained sandstone
ga36-30-20ddb	3,671.0	3,672.0	341ELBR	7.8	0.700000	Fine-grained sandstone
ga36-30-20ddb	3,672.0	3,673.0	341ELBR	9.0	6.900000	Fine-grained sandstone
ga36-30-20ddb	3,673.0	3,674.0	341ELBR	8.5	62.000000	Shaly, fine-grained sandstone
ga36-30-20ddb	3,674.0	3,675.0	341ELBR	9.3	21.000000	Fine-grained sandstone
ga36-30-20ddb	3,676.0	3,677.0	341ELBR	10.0	39.000000	Fine-grained sandstone
ga36-30-20ddb	3,677.0	3,678.0	341ELBR	2.6	0.000000	Very fine-grained sandstone
ga36-30-20ddb	3,683.0	3,684.0	341ELBR	8.2	0.100000	Slightly shaly, fine-grained, limy sandstone
ga36-30-20ddb	3,684.0	3,685.0	341ELBR	9.3	2.300000	Fine-grained sandstone

Table 4.--Laboratory-determined porosity and permeability--Continued

Site	Depth to top (feet)	Depth to bottom (feet)	Formation	Porosity (percent)	Permeability (millidarcies)	Lithology
ga36-30-20ddb	3,685.0	3,686.0	341ELBR	10.5	8.600000	Fine-grained sandstone
ga36-30-20ddb	3,686.0	3,687.0	341ELBR	6.1	4.800000	Fine-grained sandstone
ga36-30-20ddb	3,687.0	3,688.0	341ELBR	8.6	1.500000	Fine-grained sandstone
ga36-30-20ddb	3,688.0	3,689.0	341ELBR	8.7	36.000000	Fine-grained sandstone
ga36-30-20ddb	3,689.0	3,690.0	341ELBR	8.1	17.000000	Slightly shaly, fine-grained sandstone
ga36-30-20ddb	3,690.0	3,691.0	341ELBR	6.1	1.000000	Fine-grained sandstone
ga36-30-20ddb	3,691.0	3,692.0	341ELBR	3.1	0.000000	Very fine-grained sandstone
ga36-30-20ddb	3,692.0	3,693.0	341ELBR	3.4	0.000000	Very fine-grained sandstone
ga36-30-20ddb	3,693.0	3,694.0	341ELBR	5.1	0.100000	Fine-grained sandstone
ga36-30-20ddb	3,696.0	3,697.0	341ELBR	6.1	0.200000	Fine-grained dolomitic sandstone
ga36-30-20ddb	3,697.0	3,698.0	341ELBR	6.4	0.100000	Fine-grained dolomitic sandstone
			AVERAGE--	6.3	10.763265	
ga36-30-20ddb	3,727.5	3,728.0	374MUAV	2.0	0.000000	Slightly shaly, fine-grained dolomite
ga36-30-20ddb	3,728.0	3,729.0	374MUAV	8.1	1.300000	Slightly shaly, fine-grained dolomite
ga36-30-20ddb	3,729.0	3,730.5	374MUAV	1.1	0.000000	Fractured, slightly shaly, fine-grained dolomite
ga36-30-20ddb	3,777.0	3,778.0	374MUAV	0.8	0.000000	Fractured, slightly shaly, fine-grained dolomite
ga36-30-20ddb	3,781.0	3,782.0	374MUAV	2.2	0.000000	Fractured, slightly shaly, fine-grained dolomite
ga36-30-20ddb	3,782.0	3,783.0	374MUAV	1.3	0.000000	Fractured, slightly shaly, fine-grained dolomite
ga36-30-20ddb	3,783.0	3,784.0	374MUAV	1.4	0.000000	Fractured, slightly shaly, fine-grained dolomite
ga36-30-20ddb	3,785.0	3,786.0	374MUAV	1.3	0.000000	Fractured, shaly, fine-grained dolomite
ga36-30-20ddb	3,806.0	3,807.0	374MUAV	4.0	0.100000	Shaly, carbonaceous, fine-grained dolomite
ga36-30-20ddb	3,807.0	3,808.0	374MUAV	2.0	0.000000	Slightly shaly, fine-grained dolomite
ga36-30-20ddb	3,808.0	3,809.0	374MUAV	2.4	0.000000	Slightly shaly, fine-grained dolomite
ga36-30-20ddb	3,809.0	3,810.0	374MUAV	3.4	0.000000	Slightly shaly, fine-grained dolomite
ga36-30-20ddb	3,810.0	3,811.0	374MUAV	7.0	0.100000	Shaly, medium-grained dolomite
ga36-30-20ddb	3,811.0	3,812.0	374MUAV	11.7	6.300000	Shaly, medium-grained dolomite
ga36-30-20ddb	3,812.0	3,813.0	374MUAV	12.6	157.000000	Shaly, slightly vuggy, medium-grained dolomite
ga36-30-20ddb	3,813.0	3,814.0	374MUAV	10.6	1.000000	Shaly, medium-grained dolomite
			AVERAGE--	4.5	10.362500	
SITE AVERAGE-----				5.9	10.664615	
ga36-30-30ada	3,068.0	3,069.0	324HRMS	9.5	0.000000	Baked, shaly, very fine-grained limestone
ga36-30-30ada	3,069.0	3,070.0	324HRMS	4.2	0.010000	Shaly, very fine-grained limestone
ga36-30-30ada	3,070.0	3,071.0	324HRMS	1.4	0.000000	Shaly, very fine-grained limestone
ga36-30-30ada	3,071.0	3,072.0	324HRMS	1.4	0.000000	Shaly, very fine-grained limestone
ga36-30-30ada	3,072.0	3,073.0	324HRMS	1.7	0.000000	Very fine-grained limestone
ga36-30-30ada	3,073.0	3,074.0	324HRMS	1.1	0.000000	Very fine-grained limestone
ga36-30-30ada	3,074.0	3,075.0	324HRMS	1.0	0.010000	Very fine-grained limestone
ga36-30-30ada	3,075.0	3,076.0	324HRMS	1.6	0.050000	Very fine-grained limestone
ga36-30-30ada	3,076.0	3,077.0	324HRMS	2.2	0.000000	Very fine-grained limestone
ga36-30-30ada	3,077.0	3,078.0	324HRMS	2.3	0.000000	Very fine-grained limestone
			AVERAGE--	2.6	0.007000	
SITE AVERAGE-----				2.6	0.007000	
ga37-28-32abc	3,655.0	3,656.0	324PRDX	1.6	0.300000	Shaly, fine-grained limestone
ga37-28-32abc	3,656.0	3,657.0	324PRDX	4.3	0.000000	Fine-grained limestone
ga37-28-32abc	3,657.0	3,658.0	324PRDX	4.2	0.000000	Fine-grained limestone
ga37-28-32abc	3,659.0	3,660.0	324PRDX	1.6	11.000000	Shaly, fine-grained limestone
ga37-28-32abc	3,661.0	3,662.0	324PRDX	3.1	0.000000	Shaly, fine-grained limestone

Table 4.--Laboratory-determined porosity and permeability--Continued

Site	Depth to top (feet)	Depth to bottom (feet)	Formation	Porosity (percent)	Permeability (millidarcies)	Lithology
ga37-28-32abc	3,663.0	3,664.0	324PRDX	1.2	1.600000	Shaly, fine-grained limestone
ga37-28-32abc	3,665.0	3,666.0	324PRDX	1.4	0.000000	Shaly, fine-grained limestone
ga37-28-32abc	3,667.0	3,668.0	324PRDX	8.4	1.400000	Vuggy, fine-grained limestone
ga37-28-32abc	3,668.0	3,669.0	324PRDX	7.6	19.000000	Vuggy, fine-grained limestone
ga37-28-32abc	3,669.0	3,670.0	324PRDX	7.2	54.000000	Vuggy, fine-grained limestone
ga37-28-32abc	3,670.0	3,671.0	324PRDX	10.9	3.200000	Vuggy, fine-grained limestone
			AVERAGE--	4.7	8.227273	
SITE AVERAGE-----				4.7	8.227273	
ga37-29-22bbb	3,559.0	3,560.0	324PRDX	10.1	5.100000	Shaly, very fine-grained limestone
ga37-29-22bbb	3,560.0	3,561.0	324PRDX	12.3	7.600000	Very fine-grained limestone
ga37-29-22bbb	3,561.0	3,562.0	324PRDX	6.9	1.400000	Shaly, very fine-grained limestone
ga37-29-22bbb	3,562.0	3,563.0	324PRDX	15.8	1.000000	Shaly, very fine-grained limestone
ga37-29-22bbb	3,563.0	3,564.0	324PRDX	13.9	0.200000	Very fine-grained dolomitic limestone
ga37-29-22bbb	3,564.0	3,565.0	324PRDX	27.3	2.000000	Very fine-grained dolomitic limestone
ga37-29-22bbb	3,565.0	3,566.0	324PRDX	13.7	9.600000	Very fine-grained, slightly limy dolomite
ga37-29-22bbb	3,566.0	3,567.0	324PRDX	7.8	1.000000	Very fine-grained, slightly limy dolomite
ga37-29-22bbb	3,567.0	3,568.0	324PRDX	4.8	0.500000	Very fine-grained dolomitic limestone
ga37-29-22bbb	3,568.0	3,569.0	324PRDX	5.8	0.600000	Very fine-grained dolomitic limestone
ga37-29-22bbb	3,569.0	3,570.0	324PRDX	7.0	0.300000	Very fine-grained dolomitic limestone
ga37-29-22bbb	3,570.0	3,571.0	324PRDX	6.4	0.000000	Very fine-grained dolomitic limestone
			AVERAGE--	11.0	2.441667	
SITE AVERAGE-----				11.0	2.441667	
ga37-29-35bbc	3,442.0	3,443.0	341ELBR	9.8	18.000000	Fine-grained dolomitic sandstone
ga37-29-35bbc	3,443.0	3,444.0	341ELBR	9.2	12.000000	Fine-grained dolomitic sandstone
ga37-29-35bbc	3,444.0	3,445.0	341ELBR	10.1	21.000000	Fine-grained dolomitic sandstone
ga37-29-35bbc	3,445.0	3,446.0	341ELBR	9.6	22.000000	Fine-grained dolomitic sandstone
ga37-29-35bbc	3,446.0	3,447.0	341ELBR	7.8	3.000000	Fine dolomitic sandstone
ga37-29-35bbc	3,447.0	3,448.0	341ELBR	10.4	10.000000	Fine-grained dolomitic sandstone
ga37-29-35bbc	3,448.0	3,449.0	341ELBR	8.3	18.000000	Fine-grained dolomitic sandstone
ga37-29-35bbc	3,449.0	3,450.0	341ELBR	11.0	24.000000	Fine-grained dolomitic sandstone
ga37-29-35bbc	3,450.0	3,451.0	341ELBR	6.5	1.500000	Fine-grained dolomitic sandstone
ga37-29-35bbc	3,451.0	3,452.0	341ELBR	8.1	11.000000	Fine-grained dolomitic sandstone
ga37-29-35bbc	3,452.0	3,453.0	341ELBR	7.8	1.900000	Fine-grained dolomitic sandstone
ga37-29-35bbc	3,456.0	3,457.0	341ELBR	5.2	0.010000	Fine-grained glauconitic sandstone
ga37-29-35bbc	3,457.0	3,458.0	341ELBR	5.7	0.010000	Fine-grained glauconitic sandstone
ga37-29-35bbc	3,458.0	3,459.0	341ELBR	5.0	0.010000	Fine-grained glauconitic sandstone
ga37-29-35bbc	3,459.0	3,460.0	341ELBR	3.3	0.020000	Fine-grained glauconitic sandstone
ga37-29-35bbc	3,465.0	3,466.0	341ELBR	1.0	0.010000	Shaly, fine-grained sandstone
			AVERAGE--	7.4	8.903750	
ga37-29-35bbc	3,580.0	3,581.0	374MUAV	2.3	0.300000	Vuggy, fine-grained dolomite
ga37-29-35bbc	3,586.0	3,587.0	374MUAV	3.2	0.300000	Shaly, carbonaceous dolomite
ga37-29-35bbc	3,587.0	3,588.0	374MUAV	3.5	1.300000	Vuggy, fine-grained dolomite
ga37-29-35bbc	3,588.0	3,589.0	374MUAV	4.1	2.000000	Vuggy, fine-grained dolomite
ga37-29-35bbc	3,589.0	3,590.0	374MUAV	3.0	1.600000	Vuggy, fine-grained dolomite
ga37-29-35bbc	3,590.0	3,591.0	374MUAV	2.9	1.800000	Vuggy, cherty, fine-grained dolomite
ga37-29-35bbc	3,592.0	3,593.0	374MUAV	1.2	0.000000	Shaly, carbonaceous, fine-grained dolomite
ga37-29-35bbc	3,593.0	3,594.0	374MUAV	1.3	0.000000	Shaly, carbonaceous, fine-grained dolomite
ga37-29-35bbc	3,594.0	3,595.0	374MUAV	1.0	0.000000	Shaly, carbonaceous, fine-grained dolomite
ga37-29-35bbc	3,595.0	3,596.0	374MUAV	1.0	0.000000	Carbonaceous, fine-grained dolomite

Table 4.--Laboratory-determined porosity and permeability--Continued

Site	Depth to top (feet)	Depth to bottom (feet)	Formation	Porosity (percent)	Permeability (millidarcies)	Lithology
ga37-29-35bbc	3,596.0	3,597.0	374MUAV	1.7	0.010000	Vuggy, fine-grained dolomite
ga37-29-35bbc	3,597.0	3,598.0	374MUAV	7.0	1.800000	Vuggy, fine-grained dolomite
ga37-29-35bbc	3,598.0	3,599.0	374MUAV	6.8	0.200000	Vuggy, fine-grained dolomite
ga37-29-35bbc	3,599.0	3,600.0	374MUAV	1.4	0.000000	Fine-grained dolomite
ga37-29-35bbc	3,600.0	3,601.0	374MUAV	8.2	1.500000	Fine-grained quartz sandstone
ga37-29-35bbc	3,601.0	3,602.0	374MUAV	7.7	0.860000	Fine-grained quartz sandstone
ga37-29-35bbc	3,602.0	3,603.0	374MUAV	7.2	5.500000	Fine-grained quartz sandstone
ga37-29-35bbc	3,603.0	3,604.0	374MUAV	8.2	2.500000	Fine-grained quartz sandstone
ga37-29-35bbc	3,604.0	3,605.0	374MUAV	4.9	0.010000	Slightly shaly, medium-grained sandstone
ga37-29-35bbc	3,606.0	3,607.0	374MUAV	4.2	0.020000	Medium-grained, slightly arkosic sandstone
ga37-29-35bbc	3,608.0	3,609.0	374MUAV	4.1	0.110000	Medium-grained arkosic sandstone
ga37-29-35bbc	3,610.0	3,611.0	374MUAV	2.9	0.060000	Shaly, gravelly sandstone
ga37-29-35bbc	3,612.0	3,613.0	374MUAV	2.7	0.010000	Shaly, medium-grained sandstone
ga37-29-35bbc	3,619.0	3,620.0	374MUAV	2.5	0.010000	Gravelly sandstone
AVERAGE--				3.9	0.828750	
SITE AVERAGE-----				5.3	4.058750	
ga40-28-11aaa	5,566.0	5,568.5	337RDLL	3.4	0.040000	Dolomite
ga40-28-11aaa	5,568.5	5,570.2	337RDLL	2.1	0.100000	Dolomite
ga40-28-11aaa	5,570.2	5,572.4	337RDLL	3.9	0.200000	Fractured, dolomitic limestone
ga40-28-11aaa	5,572.4	5,573.9	337RDLL	4.5	0.100000	Fractured, dolomitic limestone
ga40-28-11aaa	5,573.9	5,575.4	337RDLL	6.7	0.300000	Fractured, dolomitic limestone
ga40-28-11aaa	5,575.4	5,576.5	337RDLL	5.1	0.200000	Limestone
ga40-28-11aaa	5,576.5	5,577.7	337RDLL	3.0	0.100000	Limestone
ga40-28-11aaa	5,577.7	5,579.4	337RDLL	3.7	3.900000	Limestone
ga40-28-11aaa	5,579.4	5,581.3	337RDLL	4.7	0.900000	Limestone
ga40-28-11aaa	5,581.0	5,582.0	337RDLL	9.8	0.010000	Limestone
ga40-28-11aaa	5,582.0	5,583.0	337RDLL	13.1	0.060000	Limestone
ga40-28-11aaa	5,583.0	5,584.0	337RDLL	7.1	0.030000	Limestone
ga40-28-11aaa	5,584.0	5,585.0	337RDLL	7.5	0.040000	Limestone
ga40-28-11aaa	5,585.0	5,586.0	337RDLL	4.1	0.000000	Limestone
ga40-28-11aaa	5,586.0	5,587.0	337RDLL	12.3	0.900000	Limestone
ga40-28-11aaa	5,587.0	5,588.0	337RDLL	6.2	0.170000	Limestone
ga40-28-11aaa	5,588.0	5,589.0	337RDLL	8.7	0.030000	Limestone
ga40-28-11aaa	5,592.8	5,594.1	337RDLL	5.6	0.000000	Fractured limestone
ga40-28-11aaa	5,597.9	5,599.0	337RDLL	6.3	0.000000	Fractured limestone
ga40-28-11aaa	5,601.0	5,602.5	337RDLL	4.7	0.300000	Fractured limestone
ga40-28-11aaa	5,602.5	5,604.1	337RDLL	5.8	0.400000	Fractured limestone
ga40-28-11aaa	5,604.1	5,606.0	337RDLL	7.5	0.300000	Fractured limestone
ga40-28-11aaa	5,606.0	5,607.8	337RDLL	6.4	0.100000	Fractured limestone
ga40-28-11aaa	5,607.8	5,609.5	337RDLL	5.1	0.100000	Fractured limestone
ga40-28-11aaa	5,609.5	5,611.1	337RDLL	4.9	0.000000	Fractured limestone
ga40-28-11aaa	5,611.1	5,613.1	337RDLL	5.6	0.100000	Fractured limestone
ga40-28-11aaa	5,613.1	5,614.9	337RDLL	8.7	0.100000	Fractured limestone
ga40-28-11aaa	5,618.0	5,620.0	337RDLL	5.6	2.900000	Fractured limestone
ga40-28-11aaa	5,620.0	5,622.5	337RDLL	3.3	7.600000	Fractured limestone
ga40-28-11aaa	5,622.5	5,624.3	337RDLL	2.6	0.200000	Fractured limestone
ga40-28-11aaa	5,624.3	5,626.2	337RDLL	4.1	0.000000	Fractured limestone
ga40-28-11aaa	5,626.2	5,628.0	337RDLL	6.2	0.010000	Fractured limestone
ga40-28-11aaa	5,628.0	5,629.8	337RDLL	1.5	0.100000	Fractured limestone
ga40-28-11aaa	5,629.8	5,631.5	337RDLL	5.1	12.000000	Fractured limestone
ga40-28-11aaa	5,631.5	5,633.1	337RDLL	4.5	0.010000	Fractured limestone



Table 4.--Laboratory-determined porosity and permeability--Continued

Site	Depth to top (feet)	Depth to bottom (feet)	Forma- tion	Porosity (percent)	Perme- ability (milli- darcies)	Lithology
ga40-28-11aaa	5,633.1	5,634.7	337RDLL	3.4	0.100000	Fractured limestone
ga40-28-11aaa	5,634.7	5,637.0	337RDLL	5.5	0.100000	Fractured limestone
ga40-28-11aaa	5,637.0	5,638.3	337RDLL	4.8	0.000000	Fractured limestone
			AVERAGE--	5.6	0.828947	
SITE AVERAGE--	-----			5.6	0.828947	
ga40-29-15caa	5,229.0	5,230.0	324PKTL	2.3	3.000000	Limestone
ga40-29-15caa	5,230.0	5,231.0	324PKTL	2.0	0.400000	Limestone
ga40-29-15caa	5,231.0	5,232.0	324PKTL	1.4	0.000000	Limestone
ga40-29-15caa	5,249.0	5,250.0	324PKTL	2.1	0.000000	Limestone
ga40-29-15caa	5,250.0	5,251.0	324PKTL	2.4	0.000000	Limestone
ga40-29-15caa	5,251.0	5,252.0	324PKTL	2.1	0.000000	Limestone
ga40-29-15caa	5,252.0	5,253.0	324PKTL	1.8	0.000000	Limestone
			AVERAGE--	2.0	0.485714	
ga40-29-15caa	5,725.0	5,726.0	337RDLL	13.5	1.300000	Dolomite
ga40-29-15caa	5,726.0	5,727.0	337RDLL	13.7	6.000000	Dolomite
ga40-29-15caa	5,727.0	5,728.0	337RDLL	12.8	4.400000	Dolomite
			AVERAGE--	13.3	3.900000	
SITE AVERAGE--	-----			5.4	1.510000	
ga41-28-03cab	4,626.0	4,627.0	324PRDX	0.5	0.000000	Fine-grained to sucrose limestone
ga41-28-03cab	4,627.0	4,628.0	324PRDX	0.4	0.000000	Fine-grained to sucrose limestone
ga41-28-03cab	4,628.0	4,629.0	324PRDX	0.5	0.000000	Fine-grained to sucrose limestone
ga41-28-03cab	4,629.0	4,630.0	324PRDX	0.7	0.000000	Fine-grained to sucrose limestone
ga41-28-03cab	4,630.0	4,631.0	324PRDX	0.6	0.010000	Fine-grained to sucrose limestone
ga41-28-03cab	4,631.0	4,632.0	324PRDX	0.8	0.040000	Fine-grained to sucrose limestone
ga41-28-03cab	4,632.0	4,633.0	324PRDX	1.7	0.000000	Fine-grained to sucrose limestone
ga41-28-03cab	4,633.0	4,634.0	324PRDX	1.7	0.000000	Fine-grained to sucrose limestone
ga41-28-03cab	4,634.0	4,635.0	324PRDX	1.6	0.000000	Fine-grained to sucrose limestone
ga41-28-03cab	4,635.0	4,636.0	324PRDX	1.0	0.000000	Fine-grained to sucrose limestone
ga41-28-03cab	4,636.0	4,637.0	324PRDX	1.0	0.000000	Fine-grained to sucrose limestone
ga41-28-03cab	4,637.0	4,638.0	324PRDX	1.5	0.000000	Fine-grained to sucrose limestone
ga41-28-03cab	4,638.0	4,639.0	324PRDX	1.0	0.000000	Sucrose limestone
ga41-28-03cab	4,639.0	4,640.0	324PRDX	1.1	0.000000	Sucrose limestone
ga41-28-03cab	4,640.0	4,641.0	324PRDX	0.3	0.000000	Sucrose limestone
ga41-28-03cab	4,641.0	4,642.0	324PRDX	0.4	0.000000	Sucrose limestone
ga41-28-03cab	4,642.0	4,643.0	324PRDX	0.5	0.000000	Sucrose limestone
ga41-28-03cab	4,643.0	4,644.0	324PRDX	0.4	0.000000	Sucrose limestone
ga41-28-03cab	4,644.0	4,645.0	324PRDX	0.4	0.000000	Sucrose limestone
ga41-28-03cab	4,645.0	4,646.0	324PRDX	3.0	0.000000	Sucrose, carbonaceous limestone
ga41-28-03cab	4,646.0	4,647.0	324PRDX	0.5	0.000000	Sucrose limestone
ga41-28-03cab	4,647.0	4,648.0	324PRDX	0.4	0.000000	Sucrose limestone
ga41-28-03cab	4,648.0	4,649.0	324PRDX	1.3	0.000000	Sucrose limestone
ga41-28-03cab	4,649.0	4,650.0	324PRDX	0.5	0.000000	Sucrose limestone
ga41-28-03cab	4,650.0	4,651.0	324PRDX	1.1	0.000000	Sucrose limestone
ga41-28-03cab	4,651.0	4,652.0	324PRDX	1.9	0.000000	Sucrose limestone
ga41-28-03cab	4,652.0	4,653.0	324PRDX	2.3	0.000000	Sucrose limestone
ga41-28-03cab	4,653.0	4,654.0	324PRDX	2.4	0.000000	Sucrose limestone
ga41-28-03cab	4,654.0	4,655.0	324PRDX	1.6	0.000000	Sucrose limestone
ga41-28-03cab	4,655.0	4,656.0	324PRDX	2.1	0.000000	Sucrose limestone

Table 4.--Laboratory-determined porosity and permeability--Continued

Site	Depth to top (feet)	Depth to bottom (feet)	Forma- tion	Porosity (percent)	Perme- ability (milli- darcies)	Lithology
ga41-28-03cab	4,656.0	4,657.0	324PRDX	2.0	0.000000	Sucrose limestone
ga41-28-03cab	4,657.0	4,658.0	324PRDX	0.9	0.000000	Sucrose limestone
ga41-28-03cab	4,658.0	4,659.0	324PRDX	1.0	0.000000	Sucrose limestone
ga41-28-03cab	4,659.0	4,660.0	324PRDX	0.4	0.000000	Sucrose limestone
ga41-28-03cab	4,660.0	4,661.0	324PRDX	0.3	0.000000	Sucrose, carbonaceous dolomite
ga41-28-03cab	4,661.0	4,662.0	324PRDX	4.9	0.000000	Sucrose, carbonaceous dolomite
ga41-28-03cab	4,662.0	4,663.0	324PRDX	0.4	0.000000	Sucrose limestone
ga41-28-03cab	4,663.0	4,664.0	324PRDX	0.4	0.000000	Sucrose limestone
ga41-28-03cab	4,664.0	4,665.0	324PRDX	0.5	0.000000	Sucrose limestone
ga41-28-03cab	4,665.0	4,666.0	324PRDX	0.4	0.000000	Sucrose limestone
ga41-28-03cab	4,666.0	4,667.0	324PRDX	0.3	0.000000	Sucrose limestone
ga41-28-03cab	4,667.0	4,668.0	324PRDX	0.6	0.000000	Sucrose limestone
ga41-28-03cab	4,668.0	4,669.0	324PRDX	1.7	0.010000	Sucrose limestone
ga41-28-03cab	4,669.0	4,670.0	324PRDX	2.6	0.010000	Sucrose limestone
ga41-28-03cab	4,670.0	4,671.0	324PRDX	1.6	0.000000	Sucrose limestone
ga41-28-03cab	4,671.0	4,672.0	324PRDX	0.6	0.000000	Sucrose limestone
ga41-28-03cab	4,672.0	4,673.0	324PRDX	0.5	0.000000	Sucrose, dolomitic limestone
ga41-28-03cab	4,775.0	4,776.0	324PRDX	15.0	43.000000	Vuggy, sucrose dolomite
ga41-28-03cab	4,776.0	4,777.0	324PRDX	17.3	115.000000	Vuggy, sucrose dolomite
ga41-28-03cab	4,777.0	4,778.0	324PRDX	19.0	34.000000	Vuggy, sucrose dolomite
ga41-28-03cab	4,778.0	4,779.0	324PRDX	20.7	58.000000	Vuggy, sucrose dolomite
ga41-28-03cab	4,779.0	4,780.0	324PRDX	17.7	8.500000	Vuggy, sucrose dolomite
ga41-28-03cab	4,780.0	4,781.0	324PRDX	15.3	10.000000	Vuggy, sucrose dolomite
ga41-28-03cab	4,781.0	4,782.0	324PRDX	13.6	1.200000	Vuggy, sucrose dolomite
ga41-28-03cab	4,782.0	4,783.0	324PRDX	12.4	0.100000	Sucrose dolomite
ga41-28-03cab	4,783.0	4,784.0	324PRDX	11.6	3.100000	Sucrose dolomite
ga41-28-03cab	4,784.0	4,785.0	324PRDX	11.1	0.080000	Sucrose dolomite
ga41-28-03cab	4,785.0	4,786.0	324PRDX	7.0	0.010000	Fine-grained to sucrose dolomite
ga41-28-03cab	4,786.0	4,787.0	324PRDX	7.2	0.070000	Fine-grained to sucrose dolomite
ga41-28-03cab	5,095.0	5,096.0	324PRDX	0.6	0.000000	Shaly, fine-grained to sucrose dolomite
ga41-28-03cab	5,096.0	5,097.0	324PRDX	1.7	0.000000	Shaly, fine-grained to sucrose dolomite
ga41-28-03cab	5,097.0	5,098.0	324PRDX	1.4	0.000000	Shaly, fine-grained to sucrose dolomite
ga41-28-03cab	5,099.0	5,100.0	324PRDX	0.3	0.000000	Shaly, sucrose limestone
ga41-28-03cab	5,100.0	5,101.0	324PRDX	0.5	0.000000	Sucrose limestone
ga41-28-03cab	5,101.0	5,102.0	324PRDX	0.7	0.000000	Sucrose limestone
ga41-28-03cab	5,102.0	5,103.0	324PRDX	0.4	0.000000	Sucrose limestone
ga41-28-03cab	5,103.0	5,104.0	324PRDX	0.6	0.000000	Sucrose limestone
ga41-28-03cab	5,104.0	5,105.0	324PRDX	0.4	0.000000	Sucrose limestone
ga41-28-03cab	5,105.0	5,106.0	324PRDX	0.5	0.000000	Sucrose limestone
ga41-28-03cab	5,106.0	5,107.0	324PRDX	0.4	0.000000	Sucrose limestone
ga41-28-03cab	5,107.0	5,108.0	324PRDX	1.2	0.000000	Sucrose limestone
ga41-28-03cab	5,108.0	5,109.0	324PRDX	0.5	0.000000	Sucrose, limy dolomite
ga41-28-03cab	5,109.0	5,110.0	324PRDX	1.0	0.000000	Sucrose dolomite
ga41-28-03cab	5,110.0	5,111.0	324PRDX	0.9	0.000000	Sucrose dolomite
ga41-28-03cab	5,111.0	5,112.0	324PRDX	1.8	0.000000	Sucrose, dolomitic limestone
ga41-28-03cab	5,112.0	5,113.0	324PRDX	4.3	0.000000	Sucrose, dolomitic limestone
ga41-28-03cab	5,113.0	5,114.0	324PRDX	3.4	0.000000	Sucrose dolomite
ga41-28-03cab	5,114.0	5,115.0	324PRDX	2.8	0.000000	Sucrose, dolomitic limestone
ga41-28-03cab	5,115.0	5,116.0	324PRDX	2.8	0.000000	Shaly, fine-grained dolomite
AVERAGE--				3.1	3.457342	
SITE AVERAGE-----				3.1	3.457342	

Table 4.--Laboratory-determined porosity and permeability--Continued

Site	Depth to top (feet)	Depth to bottom (feet)	Formation	Porosity (percent)	Permeability (millidarcies)	Lithology
ga41-28-04dab	4,608.0	4,609.0	324PRDX	1.1	0.040000	Crystalline limestone
ga41-28-04dab	4,609.0	4,610.0	324PRDX	4.7	0.130000	Crystalline limestone
ga41-28-04dab	4,610.0	4,611.0	324PRDX	0.4	0.000000	Fractured, crystalline limestone
ga41-28-04dab	4,611.0	4,612.0	324PRDX	3.7	0.000000	Fractured, crystalline limestone
ga41-28-04dab	4,612.0	4,613.0	324PRDX	3.5	0.000000	Crystalline limestone
ga41-28-04dab	4,613.0	4,614.0	324PRDX	12.2	0.130000	Crystalline limestone
ga41-28-04dab	4,614.0	4,615.0	324PRDX	0.7	0.000000	Crystalline limestone
ga41-28-04dab	4,615.0	4,616.0	324PRDX	0.7	0.000000	Crystalline limestone
ga41-28-04dab	4,616.0	4,617.0	324PRDX	0.4	0.000000	Crystalline limestone
ga41-28-04dab	4,617.0	4,618.0	324PRDX	1.1	0.000000	Crystalline limestone
ga41-28-04dab	4,618.0	4,619.0	324PRDX	1.5	0.000000	Crystalline limestone
ga41-28-04dab	4,619.0	4,620.0	324PRDX	1.8	0.000000	Crystalline limestone
ga41-28-04dab	4,620.0	4,621.0	324PRDX	0.7	0.000000	Crystalline limestone
ga41-28-04dab	4,621.0	4,622.0	324PRDX	3.9	0.640000	Crystalline limestone
ga41-28-04dab	4,622.0	4,623.0	324PRDX	1.1	0.000000	Crystalline limestone
ga41-28-04dab	4,629.0	4,630.0	324PRDX	1.0	0.000000	Crystalline limestone
ga41-28-04dab	4,630.0	4,631.0	324PRDX	6.9	0.380000	Sandy to crystalline limestone
ga41-28-04dab	4,631.0	4,632.0	324PRDX	8.5	0.940000	Sandy to crystalline limestone
ga41-28-04dab	4,632.0	4,633.0	324PRDX	8.0	0.130000	Sandy to crystalline limestone
ga41-28-04dab	4,633.0	4,634.0	324PRDX	17.7	3.180000	Vuggy limestone
ga41-28-04dab	4,634.0	4,635.0	324PRDX	20.2	3.950000	Vuggy limestone
ga41-28-04dab	4,635.0	4,636.0	324PRDX	22.3	0.810000	Vuggy limestone
ga41-28-04dab	4,636.0	4,637.0	324PRDX	6.6	0.000000	Very fractured, sandy limestone
ga41-28-04dab	4,637.0	4,638.0	324PRDX	8.0	0.000000	Very fractured, sandy limestone
ga41-28-04dab	4,638.0	4,639.0	324PRDX	8.7	0.000000	Very fractured, sandy limestone
ga41-28-04dab	4,640.0	4,641.0	324PRDX	5.6	0.000000	Crystalline limestone
ga41-28-04dab	4,641.0	4,642.0	324PRDX	3.8	0.000000	Crystalline limestone
ga41-28-04dab	4,642.0	4,643.0	324PRDX	2.3	0.000000	Crystalline limestone
ga41-28-04dab	4,643.0	4,644.0	324PRDX	2.5	0.380000	Crystalline limestone
ga41-28-04dab	4,644.0	4,645.0	324PRDX	3.6	0.000000	Crystalline limestone
ga41-28-04dab	4,645.0	4,646.0	324PRDX	0.4	0.000000	Crystalline limestone
ga41-28-04dab	4,646.0	4,647.0	324PRDX	0.7	0.000000	Crystalline limestone
ga41-28-04dab	4,647.0	4,648.0	324PRDX	0.5	0.000000	Crystalline limestone
ga41-28-04dab	4,648.0	4,649.0	324PRDX	0.8	0.000000	Crystalline limestone
ga41-28-04dab	4,649.0	4,650.0	324PRDX	0.5	0.000000	Crystalline limestone
ga41-28-04dab	4,650.0	4,651.0	324PRDX	0.4	0.000000	Crystalline limestone
ga41-28-04dab	4,651.0	4,652.0	324PRDX	0.6	0.000000	Crystalline limestone
ga41-28-04dab	4,652.0	4,653.0	324PRDX	1.1	0.000000	Crystalline limestone
ga41-28-04dab	4,653.0	4,654.0	324PRDX	0.4	0.000000	Crystalline limestone
ga41-28-04dab	4,654.0	4,655.0	324PRDX	1.1	0.000000	Crystalline limestone
ga41-28-04dab	4,655.0	4,656.0	324PRDX	0.5	0.000000	Crystalline limestone
ga41-28-04dab	4,656.0	4,657.0	324PRDX	0.5	0.000000	Crystalline limestone
ga41-28-04dab	4,657.0	4,658.0	324PRDX	0.5	0.000000	Crystalline limestone
ga41-28-04dab	4,658.0	5,659.0	324PRDX	0.6	0.000000	Crystalline limestone
ga41-28-04dab	4,659.0	4,660.0	324PRDX	1.1	0.000000	Crystalline limestone
ga41-28-04dab	4,660.0	4,661.0	324PRDX	0.7	0.000000	Crystalline limestone
ga41-28-04dab	4,661.0	4,662.0	324PRDX	2.1	0.000000	Crystalline limestone
ga41-28-04dab	4,662.0	4,663.0	324PRDX	0.3	0.000000	Crystalline limestone
ga41-28-04dab	4,663.0	4,664.0	324PRDX	0.4	0.000000	Crystalline limestone
ga41-28-04dab	4,664.0	4,665.0	324PRDX	0.7	0.000000	Crystalline limestone

Table 4.--Laboratory-determined porosity and permeability--Continued

Site	Depth to top (feet)	Depth to bottom (feet)	Formation	Porosity (percent)	Permeability (millidarcies)	Lithology
ga41-28-04dab	4,665.0	4,666.0	324PRDX	1.2	0.000000	Crystalline limestone
ga41-28-04dab	4,666.0	4,667.0	324PRDX	1.3	0.000000	Crystalline limestone
ga41-28-04dab	4,667.0	4,668.0	324PRDX	1.1	0.000000	Crystalline limestone
ga41-28-04dab	4,668.0	4,669.0	324PRDX	0.7	0.000000	Crystalline limestone
ga41-28-04dab	4,669.0	4,670.0	324PRDX	0.9	0.000000	Crystalline limestone
ga41-28-04dab	4,670.0	4,671.0	324PRDX	1.0	0.000000	Crystalline limestone
ga41-28-04dab	4,671.0	4,672.0	324PRDX	0.4	0.000000	Crystalline limestone
ga41-28-04dab	4,672.0	4,673.0	324PRDX	0.3	0.000000	Crystalline limestone
ga41-28-04dab	4,673.0	4,674.0	324PRDX	0.5	0.000000	Crystalline limestone
ga41-28-04dab	4,674.0	4,675.0	324PRDX	0.6	0.000000	Crystalline limestone
ga41-28-04dab	4,675.0	4,676.0	324PRDX	0.4	0.000000	Crystalline limestone
ga41-28-04dab	4,676.0	4,677.0	324PRDX	0.3	0.000000	Crystalline limestone
ga41-28-04dab	4,677.0	4,678.0	324PRDX	0.1	0.000000	Crystalline limestone
ga41-28-04dab	4,678.0	4,679.0	324PRDX	1.8	0.000000	Crystalline limestone
ga41-28-04dab	4,679.0	4,680.0	324PRDX	1.0	0.000000	Crystalline limestone
ga41-28-04dab	4,680.0	4,681.0	324PRDX	0.4	0.000000	Crystalline limestone
ga41-28-04dab	4,681.0	4,682.0	324PRDX	0.3	0.000000	Limy shale
ga41-28-04dab	4,682.0	4,683.0	324PRDX	0.4	0.000000	Limy shale
ga41-28-04dab	4,683.0	4,684.0	324PRDX	1.2	0.000000	Crystalline limestone
ga41-28-04dab	4,684.0	4,685.0	324PRDX	1.5	0.000000	Crystalline limestone
ga41-28-04dab	4,685.0	4,686.0	324PRDX	1.4	0.000000	Crystalline limestone
ga41-28-04dab	4,686.0	4,687.0	324PRDX	2.4	0.000000	Crystalline limestone
ga41-28-04dab	4,687.0	4,688.0	324PRDX	1.0	3.180000	Crystalline limestone
ga41-28-04dab	4,688.0	4,689.0	324PRDX	0.7	0.810000	Vuggy limestone
ga41-28-04dab	4,689.0	4,690.0	324PRDX	3.8	0.000000	Vuggy limestone
ga41-28-04dab	4,690.0	4,691.0	324PRDX	8.5	0.130000	Vuggy limestone
ga41-28-04dab	4,691.0	4,692.0	324PRDX	3.6	0.000000	Crystalline limestone
ga41-28-04dab	4,692.0	4,693.0	324PRDX	0.7	0.000000	Crystalline limestone
ga41-28-04dab	4,693.0	4,694.0	324PRDX	0.9	0.000000	Crystalline limestone
ga41-28-04dab	4,694.0	4,695.0	324PRDX	0.7	0.000000	Crystalline limestone
ga41-28-04dab	4,695.0	4,696.0	324PRDX	0.4	0.000000	Crystalline limestone
ga41-28-04dab	4,696.0	4,697.0	324PRDX	0.8	0.000000	Crystalline limestone
ga41-28-04dab	4,697.0	4,698.0	324PRDX	1.0	0.000000	Crystalline limestone
ga41-28-04dab	4,698.0	4,699.0	324PRDX	2.0	0.000000	Crystalline limestone
ga41-28-04dab	4,699.0	4,700.0	324PRDX	2.3	0.000000	Crystalline limestone
ga41-28-04dab	4,700.0	4,701.0	324PRDX	0.9	0.000000	Crystalline limestone
ga41-28-04dab	4,701.0	4,702.0	324PRDX	0.2	0.000000	Fractured, crystalline limestone
ga41-28-04dab	4,702.0	4,703.0	324PRDX	1.2	0.000000	Fractured, crystalline limestone
ga41-28-04dab	4,703.0	4,704.0	324PRDX	0.9	0.000000	Fractured, crystalline limestone
ga41-28-04dab	4,704.0	4,705.0	324PRDX	0.6	0.380000	Fractured, crystalline limestone
ga41-28-04dab	4,705.0	4,706.0	324PRDX	0.8	0.000000	Crystalline limestone
ga41-28-04dab	4,706.0	4,707.0	324PRDX	0.5	0.000000	Fossiliferous, crystalline limestone
ga41-28-04dab	4,707.0	4,708.0	324PRDX	0.7	0.130000	Fossiliferous, crystalline limestone
ga41-28-04dab	4,708.0	4,709.0	324PRDX	0.3	0.000000	Fossiliferous, crystalline limestone
ga41-28-04dab	4,709.0	4,710.0	324PRDX	0.4	0.000000	Fossiliferous, crystalline limestone
ga41-28-04dab	4,710.0	4,711.0	324PRDX	0.5	0.000000	Fossiliferous, crystalline limestone
ga41-28-04dab	4,711.0	4,712.0	324PRDX	0.4	0.000000	Fossiliferous, crystalline limestone
ga41-28-04dab	4,712.0	4,713.0	324PRDX	0.4	0.000000	Fossiliferous, crystalline limestone
ga41-28-04dab	4,713.0	4,714.0	324PRDX	0.6	0.000000	Fossiliferous, crystalline limestone
ga41-28-04dab	4,714.0	4,715.0	324PRDX	0.8	0.000000	Fossiliferous, crystalline limestone

Table 4.--Laboratory-determined porosity and permeability--Continued

Site	Depth to top (feet)	Depth to bottom (feet)	Formation	Porosity (percent)	Permeability (millidarcies)	Lithology
ga41-28-04dab	4,715.0	4,716.0	324PRDX	0.9	0.000000	Fossiliferous, crystalline limestone
ga41-28-04dab	4,716.0	4,717.0	324PRDX	0.2	0.000000	Fossiliferous, crystalline limestone
ga41-28-04dab	4,717.0	4,718.0	324PRDX	0.5	0.000000	Crystalline limestone
ga41-28-04dab	4,718.0	4,719.0	324PRDX	0.8	0.000000	Crystalline limestone
ga41-28-04dab	4,719.0	4,720.0	324PRDX	0.8	0.000000	Fossiliferous, crystalline limestone
ga41-28-04dab	4,720.0	4,721.0	324PRDX	0.5	0.000000	Fossiliferous, crystalline limestone
ga41-28-04dab	4,721.0	4,722.0	324PRDX	1.5	0.640000	Fossiliferous, crystalline limestone
ga41-28-04dab	4,722.0	4,723.0	324PRDX	1.9	0.000000	Fossiliferous, crystalline limestone
ga41-28-04dab	4,723.0	4,724.0	324PRDX	1.3	0.000000	Crystalline limestone
ga41-28-04dab	4,724.0	4,725.0	324PRDX	1.2	0.000000	Crystalline limestone
ga41-28-04dab	4,725.0	4,726.0	324PRDX	1.7	0.000000	Crystalline limestone
ga41-28-04dab	4,726.0	4,727.0	324PRDX	1.2	0.000000	Fossiliferous, crystalline limestone
ga41-28-04dab	4,727.0	4,728.0	324PRDX	1.1	0.000000	Fossiliferous, crystalline limestone
ga41-28-04dab	4,782.0	4,783.0	324PRDX	3.5	0.040000	Crystalline limestone
ga41-28-04dab	4,783.0	4,784.0	324PRDX	4.3	0.850000	Crystalline limestone
ga41-28-04dab	4,784.0	4,785.0	324PRDX	2.7	0.000000	Crystalline limestone
ga41-28-04dab	4,785.0	4,786.0	324PRDX	1.3	0.000000	Crystalline limestone
ga41-28-04dab	4,786.0	4,787.0	324PRDX	3.3	0.000000	Crystalline limestone
ga41-28-04dab	4,787.0	4,788.0	324PRDX	6.2	0.000000	Crystalline limestone
ga41-28-04dab	4,788.0	4,789.0	324PRDX	5.7	0.000000	Crystalline limestone
ga41-28-04dab	4,789.0	4,790.0	324PRDX	4.3	0.000000	Crystalline limestone
ga41-28-04dab	4,790.0	4,791.0	324PRDX	14.4	1.630000	Sucrose limestone
ga41-28-04dab	4,791.0	4,792.0	324PRDX	10.0	1.200000	Sucrose limestone
ga41-28-04dab	4,792.0	4,793.0	324PRDX	12.3	0.930000	Sucrose limestone
ga41-28-04dab	4,793.0	4,794.0	324PRDX	12.0	0.040000	Cherty, sucrose limestone
ga41-28-04dab	4,794.0	4,795.0	324PRDX	16.3	1.630000	Cherty, sucrose limestone
ga41-28-04dab	4,795.0	4,796.0	324PRDX	1.4	0.810000	Cherty, sucrose limestone
ga41-28-04dab	4,796.0	4,797.0	324PRDX	7.9	1.460000	Cherty, sucrose limestone
ga41-28-04dab	4,799.0	4,800.0	324PRDX	2.9	0.000000	Sucrose limestone
ga41-28-04dab	4,800.0	4,801.0	324PRDX	7.3	0.000000	Fractured, crystalline dolomite
ga41-28-04dab	4,801.0	4,802.0	324PRDX	10.8	0.000000	Fractured, crystalline dolomite
ga41-28-04dab	4,802.0	4,803.0	324PRDX	11.0	0.000000	Fractured, crystalline dolomite
ga41-28-04dab	4,803.0	4,804.0	324PRDX	10.0	8.540000	Cherty dolomite
ga41-28-04dab	4,804.0	4,805.0	324PRDX	24.6	183.000000	Cherty dolomite
ga41-28-04dab	4,805.0	4,806.0	324PRDX	16.0	48.000000	Cherty dolomite
ga41-28-04dab	4,806.0	4,807.0	324PRDX	12.6	209.000000	Cherty dolomite
ga41-28-04dab	4,807.0	4,808.0	324PRDX	15.8	209.000000	Cherty dolomite
ga41-28-04dab	4,808.0	4,809.0	324PRDX	16.5	348.000000	Cherty dolomite
ga41-28-04dab	4,809.0	4,810.0	324PRDX	16.4	93.000000	Cherty dolomite
ga41-28-04dab	4,810.0	4,811.0	324PRDX	17.5	81.000000	Cherty dolomite
ga41-28-04dab	4,811.0	4,812.0	324PRDX	19.7	55.000000	Cherty dolomite
ga41-28-04dab	4,812.0	4,813.0	324PRDX	16.1	699.000000	Cherty dolomite
ga41-28-04dab	4,813.0	4,814.0	324PRDX	13.4	0.000000	Cherty dolomite
ga41-28-04dab	4,814.0	4,815.0	324PRDX	11.5	0.000000	Cherty dolomite
ga41-28-04dab	4,815.0	4,816.0	324PRDX	10.7	0.810000	Cherty dolomite
ga41-28-04dab	4,816.0	4,817.0	324PRDX	15.1	0.300000	Cherty dolomite
ga41-28-04dab	4,817.0	4,818.0	324PRDX	11.9	0.380000	Cherty, crystalline dolomite
ga41-28-04dab	4,818.0	4,819.0	324PRDX	9.5	0.300000	Cherty, crystalline dolomite
ga41-28-04dab	4,819.0	4,820.0	324PRDX	2.5	0.130000	Cherty, crystalline dolomite
ga41-28-04dab	4,820.0	4,821.0	324PRDX	9.6	0.210000	Shaly dolomite

Table 4.--Laboratory-determined porosity and permeability--Continued

Site	Depth to top (feet)	Depth to bottom (feet)	Formation	Porosity (percent)	Permeability (millidarcies)	Lithology
ga41-28-04dab	4,821.0	4,822.0	324PRDX	10.1	0.000000	Shaly dolomite
ga41-28-04dab	4,822.0	4,823.0	324PRDX	8.5	0.130000	Cherty dolomite
ga41-28-04dab	4,823.0	4,824.0	324PRDX	12.5	0.210000	Cherty dolomite
ga41-28-04dab	4,824.0	4,825.0	324PRDX	4.5	0.210000	Cherty dolomite
ga41-28-04dab	4,825.0	4,826.0	324PRDX	2.0	0.040000	Cherty dolomite
ga41-28-04dab	4,877.0	4,878.0	324PRDX	0.8	0.040000	Fractured limestone
ga41-28-04dab	4,878.0	4,879.0	324PRDX	2.3	0.040000	Fractured limestone
ga41-28-04dab	4,879.0	4,880.0	324PRDX	4.1	0.300000	Fractured limestone
ga41-28-04dab	4,880.0	4,881.0	324PRDX	6.6	0.810000	Fractured limestone
ga41-28-04dab	4,881.0	4,882.0	324PRDX	7.7	0.640000	Fractured limestone
ga41-28-04dab	4,882.0	4,883.0	324PRDX	5.4	0.300000	Fractured limestone
ga41-28-04dab	4,883.0	4,884.0	324PRDX	6.4	4.750000	Fractured limestone
ga41-28-04dab	4,884.0	4,885.0	324PRDX	7.5	1.840000	Crystalline limestone
ga41-28-04dab	4,885.0	4,886.0	324PRDX	2.7	1.200000	Crystalline limestone
ga41-28-04dab	4,886.0	4,887.0	324PRDX	3.0	0.640000	Crystalline limestone
ga41-28-04dab	4,887.0	4,888.0	324PRDX	0.7	4.750000	Crystalline limestone
ga41-28-04dab	4,888.0	4,889.0	324PRDX	1.6	0.470000	Crystalline limestone
ga41-28-04dab	4,889.0	4,890.0	324PRDX	1.5	0.380000	Crystalline limestone
ga41-28-04dab	4,890.0	4,891.0	324PRDX	1.1	0.040000	Vuggy limestone
ga41-28-04dab	4,891.0	4,892.0	324PRDX	2.1	0.000000	Vuggy limestone
ga41-28-04dab	4,892.0	4,893.0	324PRDX	2.4	0.130000	Vuggy limestone
ga41-28-04dab	4,893.0	4,894.0	324PRDX	1.1	0.000000	Vuggy limestone
ga41-28-04dab	4,894.0	4,895.0	324PRDX	7.5	0.000000	Shaly dolomite
ga41-28-04dab	4,895.0	4,896.0	324PRDX	5.7	0.040000	Shaly dolomite
ga41-28-04dab	4,896.0	4,897.0	324PRDX	3.7	0.000000	Shaly dolomite
ga41-28-04dab	4,897.0	4,898.0	324PRDX	9.9	0.000000	Shaly dolomite
ga41-28-04dab	4,898.0	4,899.0	324PRDX	9.7	0.000000	Shaly dolomite
ga41-28-04dab	4,899.0	4,900.0	324PRDX	9.4	0.380000	Shaly dolomite
			AVERAGE--	4.3	11.110000	
ga41-28-04dab	5,516.0	5,517.0	337RDLL	3.2	0.000000	Crystalline limestone
ga41-28-04dab	5,517.0	5,518.0	337RDLL	3.1	0.000000	Crystalline limestone
ga41-28-04dab	5,518.0	5,519.0	337RDLL	2.6	0.000000	Crystalline limestone
ga41-28-04dab	5,519.0	5,520.0	337RDLL	7.6	0.000000	Crystalline limestone
ga41-28-04dab	5,520.0	5,521.0	337RDLL	8.2	0.000000	Crystalline limestone
ga41-28-04dab	5,521.0	5,522.0	337RDLL	4.6	0.000000	Crystalline limestone
ga41-28-04dab	5,606.0	5,607.0	337RDLL	1.0	0.040000	Crystalline limestone
ga41-28-04dab	5,607.0	5,608.0	337RDLL	2.8	0.000000	Crystalline limestone
ga41-28-04dab	5,608.0	5,609.0	337RDLL	2.0	0.000000	Crystalline limestone
ga41-28-04dab	5,609.0	5,610.0	337RDLL	2.1	0.000000	Crystalline limestone
ga41-28-04dab	5,610.0	5,611.0	337RDLL	2.0	0.000000	Crystalline limestone
ga41-28-04dab	5,611.0	5,612.0	337RDLL	1.9	0.000000	Crystalline limestone
ga41-28-04dab	5,612.0	5,613.0	337RDLL	3.5	0.040000	Crystalline limestone
ga41-28-04dab	5,613.0	5,614.0	337RDLL	2.0	0.130000	Crystalline limestone
ga41-28-04dab	5,614.0	5,615.0	337RDLL	3.1	0.000000	Crystalline limestone
ga41-28-04dab	5,615.0	5,616.0	337RDLL	2.0	0.000000	Crystalline limestone
ga41-28-04dab	5,622.0	5,623.0	337RDLL	3.1	0.000000	Crystalline dolomite
ga41-28-04dab	5,623.0	5,624.0	337RDLL	1.0	0.000000	Crystalline limestone
ga41-28-04dab	5,624.0	5,625.0	337RDLL	1.2	0.040000	Fractured, crystalline limestone
ga41-28-04dab	5,625.0	5,626.0	337RDLL	1.0	0.000000	Shaly, crystalline limestone

Table 4.--Laboratory-determined porosity and permeability--Continued

Site	Depth to top (feet)	Depth to bottom (feet)	Formation	Porosity (percent)	Permeability (millidarcies)	Lithology
ga41-28-04dab	5,626.0	5,627.0	337RDLL	1.2	0.000000	Crystalline limestone
ga41-28-04dab	5,627.0	5,628.0	337RDLL	1.3	0.000000	Crystalline limestone
ga41-28-04dab	5,628.0	5,629.0	337RDLL	1.5	0.000000	Limy shale
ga41-28-04dab	5,702.0	5,703.0	337RDLL	1.4	0.000000	Crystalline limestone
ga41-28-04dab	5,703.0	5,704.0	337RDLL	15.3	4.400000	Vuggy, sucrose dolomite
ga41-28-04dab	5,704.0	5,705.0	337RDLL	12.2	0.930000	Vuggy, sucrose dolomite
ga41-28-04dab	5,705.0	5,706.0	337RDLL	7.3	1.110000	Vuggy, sucrose dolomite
ga41-28-04dab	5,706.0	5,707.0	337RDLL	2.0	0.000000	Vuggy, cherty, sucrose dolomite
ga41-28-04dab	5,707.0	5,708.0	337RDLL	11.2	3.310000	Vuggy, cherty, sucrose dolomite
ga41-28-04dab	5,708.0	5,709.0	337RDLL	15.4	1.630000	Vuggy, cherty, sucrose dolomite
ga41-28-04dab	5,709.0	5,710.0	337RDLL	12.8	3.780000	Vuggy, cherty, sucrose dolomite
ga41-28-04dab	5,710.0	5,711.0	337RDLL	7.5	2.400000	Vuggy, cherty, sucrose dolomite
ga41-28-04dab	5,711.0	5,712.0	337RDLL	10.2	0.380000	Vuggy, cherty, sucrose dolomite
ga41-28-04dab	5,712.0	5,713.0	337RDLL	3.5	4.320000	Vuggy, cherty, sucrose dolomite
ga41-28-04dab	5,713.0	5,714.0	337RDLL	6.8	1.630000	Vuggy, cherty, sucrose dolomite
ga41-28-04dab	5,714.0	5,715.0	337RDLL	11.9	2.230000	Vuggy, cherty, sucrose dolomite
ga41-28-04dab	5,715.0	5,716.0	337RDLL	14.4	7.440000	Vuggy, cherty, sucrose dolomite
ga41-28-04dab	5,716.0	5,717.0	337RDLL	8.2	2.400000	Vuggy, cherty, sucrose dolomite
ga41-28-04dab	5,717.0	5,718.0	337RDLL	7.8	1.460000	Vuggy, cherty, sucrose dolomite
ga41-28-04dab	5,718.0	5,719.0	337RDLL	11.2	2.870000	Vuggy, cherty, sucrose dolomite
ga41-28-04dab	5,719.0	5,720.0	337RDLL	7.8	13.300000	Vuggy, cherty, sucrose dolomite
			AVERAGE--	5.6	1.313171	
ga41-28-04dab	5,974.0	5,975.0	341ELBR	11.5	51.000000	Fine-grained sandstone
ga41-28-04dab	5,975.0	5,976.0	341ELBR	12.2	56.000000	Fine-grained sandstone
ga41-28-04dab	5,976.0	5,977.0	341ELBR	11.3	179.000000	Fine-grained sandstone
ga41-28-04dab	5,977.0	5,978.0	341ELBR	8.2	20.000000	Fine-grained sandstone
ga41-28-04dab	5,978.0	5,979.0	341ELBR	7.2	6.700000	Fine-grained sandstone
ga41-28-04dab	5,979.0	5,980.0	341ELBR	5.8	5.000000	Fine-grained sandstone
ga41-28-04dab	5,980.0	5,981.0	341ELBR	3.5	0.810000	Fine-grained sandstone
ga41-28-04dab	5,981.0	5,982.0	341ELBR	3.9	0.380000	Fine-grained sandstone
ga41-28-04dab	5,982.0	5,983.0	341ELBR	4.2	0.300000	Fine-grained sandstone
ga41-28-04dab	5,983.0	5,984.0	341ELBR	2.4	0.300000	Fine-grained sandstone
ga41-28-04dab	5,984.0	5,985.0	341ELBR	5.5	2.320000	Fine-grained sandstone
ga41-28-04dab	5,985.0	5,986.0	341ELBR	3.3	0.000000	Fine-grained sandstone
ga41-28-04dab	5,986.0	5,987.0	341ELBR	1.1	0.000000	Shale
ga41-28-04dab	5,987.0	5,988.0	341ELBR	0.8	0.040000	Fine-grained sandstone
			AVERAGE--	5.8	22.989286	
ga41-28-04dab	6,322.0	6,323.0	374MUA	1.1	0.000000	Dolomite
ga41-28-04dab	6,323.0	6,324.0	374MUA	0.5	0.000000	Dolomite
ga41-28-04dab	6,324.0	6,325.0	374MUA	0.3	0.000000	Dolomite
ga41-28-04dab	6,325.0	6,326.0	374MUA	0.8	0.000000	Dolomite
ga41-28-04dab	6,326.0	6,327.0	374MUA	0.5	0.000000	Dolomite
ga41-28-04dab	6,327.0	6,328.0	374MUA	0.3	0.000000	Dolomite
ga41-28-04dab	6,328.0	6,329.0	374MUA	1.5	0.000000	Dolomite
ga41-28-04dab	6,329.0	6,330.0	374MUA	0.8	0.000000	Dolomite
ga41-28-04dab	6,330.0	6,331.0	374MUA	0.6	0.000000	Dolomite
ga41-28-04dab	6,331.0	6,332.0	374MUA	4.2	0.040000	Dolomite

Table 4.--Laboratory-determined porosity and permeability--Continued

Site	Depth to top (feet)	Depth to bottom (feet)	Forma- tion	Porosity (percent)	Perme- ability (milli- darcies)	Lithology
ga41-28-04dab	6,332.0	6,333.0	374MUAU	2.7	0.000000	Dolomite
ga41-28-04dab	6,333.0	6,334.0	374MUAU	2.3	0.000000	Dolomite
ga41-28-04dab	6,334.0	6,335.0	374MUAU	4.9	0.000000	Dolomite
ga41-28-04dab	6,335.0	6,336.0	374MUAU	0.9	0.000000	Dolomite
ga41-28-04dab	6,336.0	6,337.0	374MUAU	1.1	0.000000	Dolomite
ga41-28-04dab	6,337.0	6,338.0	374MUAU	0.9	0.000000	Dolomite
AVERAGE--				1.5	0.002500	
SITE AVERAGE-----				4.4	9.451044	
ga41-30-21cab	4,947.0	4,948.0	324PRDX	5.0	0.200000	Fine-grained limestone
ga41-30-21cab	4,948.0	4,949.0	324PRDX	3.1	0.230000	Fine-grained limestone
ga41-30-21cab	4,949.0	4,950.0	324PRDX	1.7	0.010000	Fine-grained limestone
ga41-30-21cab	4,950.0	4,951.0	324PRDX	1.0	0.000000	Fine-grained limestone
ga41-30-21cab	4,951.0	4,952.0	324PRDX	0.7	0.000000	Fine-grained limestone
ga41-30-21cab	4,952.0	4,953.0	324PRDX	0.7	0.000000	Fine-grained limestone
ga41-30-21cab	4,953.0	4,954.0	324PRDX	6.8	0.240000	Fine-grained limestone
ga41-30-21cab	4,954.0	4,955.0	324PRDX	11.6	0.170000	Vuggy limestone
ga41-30-21cab	4,955.0	4,956.0	324PRDX	6.6	0.070000	Vuggy limestone
ga41-30-21cab	4,956.0	4,957.0	324PRDX	2.3	0.000000	Vuggy limestone
ga41-30-21cab	4,957.0	4,958.0	324PRDX	4.0	0.080000	Vuggy limestone
ga41-30-21cab	4,958.0	4,959.0	324PRDX	14.4	2.600000	Vuggy limestone
ga41-30-21cab	4,959.0	4,960.0	324PRDX	26.4	0.250000	Vuggy limestone
ga41-30-21cab	4,960.0	4,961.0	324PRDX	20.8	0.380000	Vuggy limestone
ga41-30-21cab	4,961.0	4,962.0	324PRDX	28.5	0.680000	Vuggy limestone
ga41-30-21cab	4,962.0	4,963.0	324PRDX	11.1	0.070000	Vuggy limestone
ga41-30-21cab	4,963.0	4,964.0	324PRDX	15.1	0.270000	Vuggy limestone
ga41-30-21cab	4,964.0	4,965.0	324PRDX	15.5	0.060000	Vuggy limestone
ga41-30-21cab	4,965.0	4,966.0	324PRDX	13.9	0.100000	Vuggy limestone
ga41-30-21cab	4,966.0	4,967.0	324PRDX	6.1	0.250000	Vuggy limestone
ga41-30-21cab	5,022.0	5,023.0	324PRDX	3.9	0.000000	Fine-grained limestone
ga41-30-21cab	5,023.0	5,024.0	324PRDX	13.5	14.000000	Fine-grained limestone
ga41-30-21cab	5,024.0	5,025.0	324PRDX	6.1	0.190000	Fine-grained limestone
ga41-30-21cab	5,025.0	5,026.0	324PRDX	7.8	0.020000	Fine-grained limestone
ga41-30-21cab	5,026.0	5,027.0	324PRDX	2.9	0.000000	Fine-grained limestone
ga41-30-21cab	5,027.0	5,028.0	324PRDX	1.0	0.000000	Fine-grained limestone
ga41-30-21cab	5,028.0	5,029.0	324PRDX	3.0	0.000000	Fine-grained limestone
ga41-30-21cab	5,029.0	5,030.0	324PRDX	6.3	0.800000	Fossiliferous limestone
ga41-30-21cab	5,030.0	5,031.0	324PRDX	3.8	19.000000	Fossiliferous limestone
ga41-30-21cab	5,031.0	5,032.0	324PRDX	4.4	0.170000	Fossiliferous limestone
ga41-30-21cab	5,032.0	5,033.0	324PRDX	5.2	0.050000	Fossiliferous limestone
ga41-30-21cab	5,033.0	5,034.0	324PRDX	4.5	0.000000	Fossiliferous limestone
ga41-30-21cab	5,034.0	5,035.0	324PRDX	7.5	1.200000	Fossiliferous limestone
ga41-30-21cab	5,035.0	5,036.0	324PRDX	7.3	7.100000	Fossiliferous limestone
ga41-30-21cab	5,036.0	5,037.0	324PRDX	5.9	0.360000	Fossiliferous limestone
ga41-30-21cab	5,037.0	5,038.0	324PRDX	1.9	0.000000	Fine-grained limestone
ga41-30-21cab	5,074.0	5,075.0	324PRDX	1.8	0.020000	Fine-grained limestone
ga41-30-21cab	5,075.0	5,076.0	324PRDX	4.1	0.480000	Fine-grained limestone
ga41-30-21cab	5,076.0	5,077.0	324PRDX	5.1	0.070000	Fine-grained limestone
ga41-30-21cab	5,077.0	5,078.0	324PRDX	7.2	0.250000	Fine-grained limestone



Table 4.--Laboratory-determined porosity and permeability--Continued

Site	Depth to top (feet)	Depth to bottom (feet)	Formation	Porosity (percent)	Permeability (millidarcies)	Lithology
ga41-30-21cab	5,078.0	5,079.0	324PRDX	8.3	0.050000	Fine-grained limestone
ga41-30-21cab	5,097.0	5,098.0	324PRDX	2.1	1.000000	Fine-grained limestone
ga41-30-21cab	5,098.0	5,099.0	324PRDX	2.0	0.080000	Fine-grained limestone
ga41-30-21cab	5,109.0	5,110.0	324PRDX	1.3	0.040000	Fine-grained limestone
ga41-30-21cab	5,110.0	5,111.0	324PRDX	2.8	0.030000	Fine-grained limestone
ga41-30-21cab	5,111.0	5,112.0	324PRDX	6.9	0.000000	Oolitic limestone
ga41-30-21cab	5,112.0	5,113.0	324PRDX	10.7	0.030000	Oolitic limestone
ga41-30-21cab	5,113.0	5,114.0	324PRDX	5.8	0.250000	Limestone
ga41-30-21cab	5,114.0	5,115.0	324PRDX	9.0	0.330000	Limestone
ga41-30-21cab	5,115.0	5,116.0	324PRDX	6.0	0.130000	Limestone
ga41-30-21cab	5,116.0	5,117.0	324PRDX	2.0	0.010000	Limestone
			AVERAGE--	7.0	1.006275	
SITE AVERAGE-----				7.0	1.006275	
nmb32-17-01ac	7,880.0	7,881.0	321HKTL	14.0	7.600000	Vuggy, fine-grained limestone
nmb32-17-01ac	7,882.0	7,883.0	321HKTL	16.0	16.000000	Vuggy, fine-grained limestone
nmb32-17-01ac	7,884.0	7,885.0	321HKTL	5.0	0.700000	Vuggy, fine-grained limestone
nmb32-17-01ac	7,886.0	7,887.0	321HKTL	10.0	2.100000	Vuggy, fine-grained limestone
nmb32-17-01ac	7,888.0	7,889.0	321HKTL	10.0	0.600000	Vuggy, fine-grained limestone
			AVERAGE--	11.0	5.400000	
nmb32-17-01ac	7,978.0	7,979.0	324PRDX	3.0	0.600000	Fractured, shaly, carbonaceous limestone
nmb32-17-01ac	7,981.0	7,982.0	324PRDX	3.0	0.300000	Fine-grained limestone
nmb32-17-01ac	7,984.0	7,985.0	324PRDX	5.0	0.400000	Fine-grained limestone
nmb32-17-01ac	8,015.0	8,016.0	324PRDX	2.0	0.300000	Fine-grained limestone
nmb32-17-01ac	8,016.0	8,017.0	324PRDX	5.0	0.400000	Fine-grained limestone
nmb32-17-01ac	8,017.0	8,018.0	324PRDX	6.0	0.400000	Fine-grained limestone
nmb32-17-01ac	8,018.0	8,019.0	324PRDX	10.0	0.400000	Vuggy, shaly, fine-grained limestone
			AVERAGE--	4.9	0.400000	
SITE AVERAGE-----				7.4	2.483333	
nmb32-20-17dd	5,397.0	5,399.0	324PRDX	0.4	0.300000	Shaly limestone
nmb32-20-17dd	5,399.0	5,401.0	324PRDX	0.6	0.000000	Shaly limestone
nmb32-20-17dd	5,401.0	5,403.0	324PRDX	0.5	0.000000	Shaly limestone
nmb32-20-17dd	5,403.0	5,405.0	324PRDX	0.6	0.200000	Shaly limestone
nmb32-20-17dd	5,405.0	5,407.0	324PRDX	1.3	0.020000	Shaly limestone and shale
nmb32-20-17dd	5,407.0	5,409.0	324PRDX	1.2	0.800000	Shale and shaly limestone
nmb32-20-17dd	5,409.0	5,411.0	324PRDX	2.5	0.500000	Shaly limestone
nmb32-20-17dd	5,411.0	5,413.0	324PRDX	1.6	0.110000	Shaly limestone and limestone
nmb32-20-17dd	5,413.0	5,415.0	324PRDX	0.2	0.100000	Limestone
nmb32-20-17dd	5,415.0	5,417.0	324PRDX	7.5	2.700000	Limestone
nmb32-20-17dd	5,417.0	5,419.0	324PRDX	1.7	4.500000	Fractured limestone
nmb32-20-17dd	5,419.0	5,421.0	324PRDX	0.7	0.100000	Fractured limestone
nmb32-20-17dd	5,421.0	5,423.0	324PRDX	0.4	6.600000	Limestone
nmb32-20-17dd	5,423.0	5,425.0	324PRDX	1.1	2.300000	Limestone
nmb32-20-17dd	5,425.0	5,427.0	324PRDX	1.4	0.400000	Fractured limestone
nmb32-20-17ddd	5,427.0	5,429.0	324PRDX	1.0	60.000000	Limestone
nmb32-20-17ddd	5,429.0	5,431.0	324PRDX	0.6	1.400000	Limestone
nmb32-20-17ddd	5,431.0	5,433.0	324PRDX	1.1	0.000000	Shaly limestone
nmb32-20-17ddd	5,433.0	5,435.0	324PRDX	0.8	0.900000	Shaly limestone
nmb32-20-17ddd	5,435.0	5,437.0	324PRDX	0.9	0.400000	Shaly limestone

Table 4.--Laboratory-determined porosity and permeability--Continued

Site	Depth to top (feet)	Depth to bottom (feet)	Formation	Porosity (percent)	Permeability (millidarcies)	Lithology
nmb32-20-17ddd	5,437.0	5,439.0	324PRDX	0.3	1.800000	Shaly limestone
nmb32-20-17ddd	5,439.0	5,441.0	324PRDX	0.6	3.500000	Fractured limestone
nmb32-20-17ddd	5,441.0	5,442.0	324PRDX	0.6	0.300000	Fractured limestone
nmb32-20-17ddd	5,511.0	5,513.0	324PRDX	1.9	26.000000	Limestone
nmb32-20-17ddd	5,513.0	5,515.0	324PRDX	1.2	48.000000	Limestone
nmb32-20-17ddd	5,515.0	5,517.0	324PRDX	1.3	3.000000	Limestone
nmb32-20-17ddd	5,517.0	5,519.0	324PRDX	0.6	0.000000	Limestone
nmb32-20-17ddd	5,519.0	5,521.0	324PRDX	0.9	0.000000	Limestone
nmb32-20-17ddd	5,521.0	5,523.0	324PRDX	1.5	0.500000	Limestone
nmb32-20-17ddd	5,523.0	5,525.0	324PRDX	2.2	0.900000	Limestone
nmb32-20-17ddd	5,525.0	5,527.0	324PRDX	1.1	0.000000	Limestone
nmb32-20-17ddd	5,586.0	5,588.0	324PRDX	3.2	1.000000	Dolomite and shaly dolomite
nmb32-20-17ddd	5,588.0	5,590.0	324PRDX	2.3	0.000000	Anhydrite and dolomite
nmb32-20-17ddd	5,590.0	5,592.0	324PRDX	9.8	0.600000	Dolomite and anhydrite
nmb32-20-17ddd	5,592.0	5,594.0	324PRDX	8.9	0.400000	Dolomite and anhydrite
nmb32-20-17ddd	5,838.0	5,840.0	324PRDX	1.6	3.100000	Shaly dolomite
nmb32-20-17ddd	5,840.0	5,842.0	324PRDX	3.4	0.300000	Shaly dolomite
nmb32-20-17ddd	5,842.0	5,844.0	324PRDX	5.5	0.200000	Shaly dolomite
nmb32-20-17ddd	5,844.0	5,846.0	324PRDX	5.0	0.000000	Shaly dolomite
nmb32-20-17ddd	5,846.0	5,848.0	324PRDX	2.0	0.100000	Shaly dolomite
nmb32-20-17ddd	5,848.0	5,850.0	324PRDX	5.1	0.100000	Shaly dolomite
nmb32-20-17ddd	5,850.0	5,852.0	324PRDX	1.9	0.900000	Shaly dolomite
nmb32-20-17ddd	5,852.0	5,854.0	324PRDX	3.2	1.100000	Shaly dolomite
nmb32-20-17ddd	5,861.0	5,863.0	324PRDX	1.4	0.200000	Dolomite
nmb32-20-17ddd	5,863.0	5,865.0	324PRDX	3.1	0.000000	Dolomite
nmb32-20-17ddd	5,865.0	5,867.0	324PRDX	2.6	6.300000	Dolomite
nmb32-20-17ddd	5,867.0	5,869.0	324PRDX	2.8	5.800000	Dolomite
nmb32-20-17ddd	5,932.0	5,933.5	324PRDX	2.7	20.000000	Dolomite
nmb32-20-17ddd	5,933.5	5,935.0	324PRDX	0.6	0.200000	Dolomite
nmb32-20-17ddd	5,935.0	5,936.5	324PRDX	0.7	0.200000	Dolomite
nmb32-20-17ddd	5,936.5	5,938.0	324PRDX	0.9	37.000000	Dolomite
nmb32-20-17ddd	5,938.0	5,939.5	324PRDX	1.3	0.200000	Dolomite
nmb32-20-17ddd	5,939.5	5,941.0	324PRDX	4.6	0.300000	Dolomite
nmb32-20-17ddd	5,941.0	5,942.5	324PRDX	1.5	0.100000	Dolomite
nmb32-20-17ddd	5,942.5	5,944.0	324PRDX	0.7	0.000000	Dolomite
nmb32-20-17ddd	5,944.0	5,945.5	324PRDX	0.9	0.000000	Dolomite
nmb32-20-17ddd	5,945.5	5,947.0	324PRDX	1.3	0.800000	Dolomite
nmb32-20-17ddd	5,947.0	5,948.5	324PRDX	0.5	15.000000	Dolomite
nmb32-20-17ddd	5,948.5	5,950.0	324PRDX	2.4	3.100000	Dolomite
nmb32-20-17ddd	5,950.0	5,951.5	324PRDX	0.8	0.200000	Dolomite
nmb32-20-17ddd	5,951.5	5,953.0	324PRDX	0.4	2.800000	Dolomite
nmb32-20-17ddd	5,953.0	5,954.5	324PRDX	1.9	0.000000	Dolomite
nmb32-20-17ddd	5,954.5	5,956.0	324PRDX	0.4	0.000000	Dolomite
nmb32-20-17ddd	5,956.0	5,957.5	324PRDX	0.3	0.000000	Dolomite
nmb32-20-17ddd	5,957.5	5,959.0	324PRDX	0.4	0.000000	Dolomite
nmb32-20-17ddd	5,959.0	5,960.5	324PRDX	0.6	0.000000	Dolomite
nmb32-20-17ddd	5,960.5	5,962.0	324PRDX	3.1	0.100000	Dolomite
nmb32-20-17ddd	5,962.0	5,963.5	324PRDX	1.6	0.300000	Dolomite
nmb32-20-17ddd	5,963.5	5,965.0	324PRDX	1.6	0.100000	Dolomite
nmb32-20-17ddd	5,965.0	5,966.5	324PRDX	1.2	0.300000	Dolomite

Table 4.--Laboratory-determined porosity and permeability--Continued

Site	Depth to top (feet)	Depth to bottom (feet)	Formation	Porosity (percent)	Permeability (millidarcies)	Lithology
nmb32-20-17ddd	5,966.5	5,968.0	324PRDX	2.4	0.400000	Dolomite
nmb32-20-17ddd	5,968.0	5,969.5	324PRDX	0.8	0.600000	Dolomite
nmb32-20-17ddd	5,969.5	5,971.0	324PRDX	0.9	0.100000	Dolomite
nmb32-20-17ddd	5,971.0	5,972.5	324PRDX	2.5	0.200000	Dolomite
nmb32-20-17ddd	5,972.5	5,974.0	324PRDX	5.0	4.300000	Dolomite
nmb32-20-17ddd	5,974.0	5,975.5	324PRDX	6.4	1.400000	Dolomite
nmb32-20-17ddd	5,975.5	5,977.0	324PRDX	1.0	32.000000	Dolomite
nmb32-20-17ddd	5,977.0	5,978.5	324PRDX	0.9	0.000000	Dolomite
nmb32-20-17ddd	5,978.5	5,980.0	324PRDX	2.3	40.000000	Dolomite
nmb32-20-17ddd	5,980.0	5,981.5	324PRDX	1.9	0.400000	Dolomite
nmb32-20-17ddd	5,981.5	5,983.0	324PRDX	6.7	4.100000	Dolomite
nmb32-20-17ddd	5,983.0	5,984.5	324PRDX	5.5	0.200000	Dolomite
nmb32-20-17ddd	5,985.0	5,986.5	324PRDX	4.8	1.400000	Dolomite
nmb32-20-17ddd	5,986.5	5,988.0	324PRDX	4.2	0.200000	Dolomite
nmb32-20-17ddd	5,988.0	5,989.5	324PRDX	2.8	1.500000	Dolomite
nmb32-20-17ddd	5,989.5	5,991.0	324PRDX	2.7	0.500000	Dolomite
nmb32-20-17ddd	5,991.0	5,992.5	324PRDX	2.7	3.300000	Dolomite
nmb32-20-17ddd	5,992.5	5,994.0	324PRDX	1.8	0.100000	Dolomite
nmb32-20-17ddd	5,994.0	5,995.5	324PRDX	1.8	24.000000	Dolomite
nmb32-20-17ddd	5,995.5	5,997.0	324PRDX	1.5	162.000000	Dolomite
nmb32-20-17ddd	5,997.0	5,998.5	324PRDX	1.2	0.200000	Dolomite
nmb32-20-17ddd	5,998.5	6,000.0	324PRDX	1.0	0.300000	Dolomite
nmb32-20-17ddd	6,000.0	6,001.5	324PRDX	0.5	0.600000	Dolomite
nmb32-20-17ddd	6,001.5	6,003.0	324PRDX	1.7	0.300000	Dolomite
nmb32-20-17ddd	6,003.0	6,004.5	324PRDX	1.7	0.400000	Dolomite
nmb32-20-17ddd	6,004.5	6,006.0	324PRDX	0.7	13.000000	Dolomite
nmb32-20-17ddd	6,006.0	6,007.5	324PRDX	2.2	2.600000	Dolomite
nmb32-20-17ddd	6,007.5	6,009.0	324PRDX	9.7	3.500000	Dolomite
nmb32-20-17ddd	6,009.0	6,010.5	324PRDX	6.2	5.500000	Dolomite
nmb32-20-17ddd	6,010.5	6,012.0	324PRDX	2.5	3.900000	Dolomite
nmb32-20-17ddd	6,012.0	6,013.5	324PRDX	1.8	1.000000	Dolomite
nmb32-20-17ddd	6,013.5	6,015.0	324PRDX	1.7	17.000000	Dolomite
nmb32-20-17ddd	6,015.0	6,016.5	324PRDX	4.9	1.100000	Dolomite
nmb32-20-17ddd	6,016.5	6,018.0	324PRDX	7.9	2.100000	Dolomite
nmb32-20-17ddd	6,018.0	6,019.5	324PRDX	7.1	3.000000	Dolomite
nmb32-20-17ddd	6,019.5	6,021.0	324PRDX	5.9	2.200000	Dolomite
nmb32-20-17ddd	6,021.0	6,022.5	324PRDX	3.3	1.900000	Dolomite
nmb32-20-17ddd	6,022.5	6,024.0	324PRDX	2.7	0.400000	Dolomite
nmb32-20-17ddd	6,024.0	6,025.5	324PRDX	4.4	0.200000	Limestone
nmb32-20-17ddd	6,025.5	6,027.0	324PRDX	2.6	288.000000	Dolomite
nmb32-20-17ddd	6,027.0	6,028.5	324PRDX	2.9	0.000000	Chert
nmb32-20-17ddd	6,028.5	6,030.0	324PRDX	0.6	0.200000	Dolomite and limestone
nmb32-20-17ddd	6,030.0	6,031.5	324PRDX	0.3	0.000000	Limestone
nmb32-20-17ddd	6,031.5	6,033.0	324PRDX	0.5	0.200000	Limestone
nmb32-20-17ddd	6,033.0	6,034.0	324PRDX	0.5	0.600000	Limestone
nmb32-20-17ddd	6,034.0	6,035.0	324PRDX	0.6	0.200000	Limestone
AVERAGE--				2.3	7.683017	

Table 4.--Laboratory-determined porosity and permeability--Continued

Site	Depth to top (feet)	Depth to bottom (feet)	Forma- tion	Porosity (percent)	Perme- ability (milli- darcies)	Lithology
nmb32-20-17ddd	6,540.0	6,541.5	337RDLL	1.1	3.800000	Limestone
nmb32-20-17ddd	6,541.5	6,543.0	337RDLL	0.8	1.100000	Limestone
nmb32-20-17ddd	6,543.0	6,544.5	337RDLL	0.9	0.300000	Limestone
nmb32-20-17ddd	6,544.5	6,546.0	337RDLL	1.0	39.000000	Limestone
nmb32-20-17ddd	6,546.0	6,547.5	337RDLL	1.3	0.100000	Limestone
nmb32-20-17ddd	6,547.5	6,549.0	337RDLL	0.9	0.100000	Limestone
nmb32-20-17ddd	6,549.0	6,550.5	337RDLL	1.8	0.200000	Limestone
nmb32-20-17ddd	6,550.5	6,552.0	337RDLL	1.6	0.000000	Limestone
nmb32-20-17ddd	6,552.0	6,553.5	337RDLL	1.2	0.000000	Limestone
nmb32-20-17ddd	6,553.5	6,555.0	337RDLL	0.8	0.200000	Limestone
nmb32-20-17ddd	6,555.0	6,556.5	337RDLL	0.7	0.000000	Limestone
nmb32-20-17ddd	6,556.5	6,558.0	337RDLL	0.9	0.000000	Limestone
nmb32-20-17ddd	6,558.0	6,559.5	337RDLL	1.4	0.600000	Limestone
nmb32-20-17ddd	6,559.5	6,561.0	337RDLL	1.9	0.300000	Limestone
nmb32-20-17ddd	6,561.0	6,562.5	337RDLL	2.0	0.000000	Limestone
nmb32-20-17ddd	6,562.5	6,564.0	337RDLL	2.0	0.200000	Limestone
nmb32-20-17ddd	6,564.0	6,565.5	337RDLL	1.9	0.200000	Limestone
nmb32-20-17ddd	6,565.5	6,567.0	337RDLL	1.3	0.000000	Limestone
nmb32-20-17ddd	6,567.0	6,568.5	337RDLL	1.9	0.000000	Limestone
nmb32-20-17ddd	6,568.5	6,570.0	337RDLL	1.6	0.200000	Limestone
nmb32-20-17ddd	6,570.0	6,571.5	337RDLL	1.4	2.100000	Limestone
nmb32-20-17ddd	6,571.5	6,573.0	337RDLL	1.0	0.200000	Limestone
nmb32-20-17ddd	6,573.0	6,574.5	337RDLL	1.4	0.300000	Limestone
nmb32-20-17ddd	6,574.5	6,576.0	337RDLL	1.3	0.000000	Limestone
nmb32-20-17ddd	6,576.0	6,577.5	337RDLL	0.6	0.300000	Limestone
nmb32-20-17ddd	6,577.5	6,579.0	337RDLL	1.1	0.200000	Limestone
nmb32-20-17ddd	6,579.0	6,580.5	337RDLL	0.6	3.800000	Limestone
nmb32-20-17ddd	6,580.5	6,582.0	337RDLL	1.2	1.300000	Limestone
nmb32-20-17ddd	6,582.0	6,583.5	337RDLL	1.6	6.000000	Limestone
nmb32-20-17ddd	6,583.5	6,585.0	337RDLL	1.2	1.000000	Limestone
nmb32-20-17ddd	6,585.0	6,586.5	337RDLL	1.1	0.200000	Limestone
nmb32-20-17ddd	6,586.5	6,588.0	337RDLL	1.2	0.000000	Limestone
nmb32-20-17ddd	6,588.0	6,590.0	337RDLL	1.1	0.300000	Limestone
nmb32-20-17ddd	6,590.0	6,592.0	337RDLL	0.8	0.100000	Limestone and dolomite
nmb32-20-17ddd	6,592.0	6,594.0	337RDLL	1.0	0.600000	Limestone and dolomite
nmb32-20-17ddd	6,594.0	6,596.0	337RDLL	1.6	0.100000	Limestone and dolomite
nmb32-20-17ddd	6,596.0	6,598.0	337RDLL	2.1	1.300000	Limestone and dolomite
nmb32-20-17ddd	6,598.0	6,600.0	337RDLL	2.6	0.200000	Limestone and dolomite
nmb32-20-17ddd	6,600.0	6,602.0	337RDLL	2.1	0.100000	Limestone and dolomite
nmb32-20-17ddd	6,602.0	6,604.0	337RDLL	1.5	0.500000	Limestone and dolomite
nmb32-20-17ddd	6,604.0	6,606.0	337RDLL	1.2	0.400000	Limestone and dolomite
nmb32-20-17ddd	6,606.0	6,608.0	337RDLL	1.3	1.900000	Limestone and dolomite
nmb32-20-17ddd	6,608.0	6,610.0	337RDLL	1.6	0.700000	Limestone and dolomite
nmb32-20-17ddd	6,610.0	6,612.0	337RDLL	1.2	1.100000	Limestone and dolomite
nmb32-20-17ddd	6,612.0	6,614.0	337RDLL	1.8	0.100000	Limestone and dolomite
nmb32-20-17ddd	6,614.0	6,616.0	337RDLL	3.1	0.200000	Dolomite
nmb32-20-17ddd	6,616.0	6,618.0	337RDLL	6.3	14.000000	Dolomite
nmb32-20-17ddd	6,618.0	6,620.0	337RDLL	10.0	0.200000	Dolomite
nmb32-20-17ddd	6,620.0	6,622.0	337RDLL	1.7	0.100000	Dolomite
nmb32-20-17ddd	6,622.0	6,624.0	337RDLL	2.3	48.000000	Dolomite

Table 4.--Laboratory-determined porosity and permeability--Continued

Site	Depth to top (feet)	Depth to bottom (feet)	Formation	Porosity (percent)	Permeability (millidarcies)	Lithology
nmb32-20-17ddd	6,624.0	6,626.0	337RDLL	3.6	0.200000	Dolomite
nmb32-20-17ddd	6,626.0	6,628.0	337RDLL	5.2	0.900000	Dolomite
nmb32-20-17ddd	6,628.0	6,630.0	337RDLL	7.1	0.200000	Dolomite
nmb32-20-17ddd	6,630.0	6,632.0	337RDLL	8.4	1.400000	Dolomite
nmb32-20-17ddd	6,632.0	6,634.0	337RDLL	6.7	19.000000	Dolomite
nmb32-20-17ddd	6,634.0	6,636.0	337RDLL	2.4	0.400000	Dolomite
nmb32-20-17ddd	6,636.0	6,638.0	337RDLL	3.9	0.100000	Dolomite
nmb32-20-17ddd	6,638.0	6,640.0	337RDLL	8.6	0.500000	Dolomite
nmb32-20-17ddd	6,640.0	6,642.0	337RDLL	10.4	4.700000	Dolomite
nmb32-20-17ddd	6,642.0	6,644.0	337RDLL	0.8	4.900000	Dolomite
nmb32-20-17ddd	6,644.0	6,646.0	337RDLL	0.9	0.200000	Dolomite
nmb32-20-17ddd	6,646.0	6,648.0	337RDLL	1.4	115.000000	Dolomite
nmb32-20-17ddd	6,648.0	6,650.0	337RDLL	2.1	0.200000	Dolomite
nmb32-20-17ddd	6,650.0	6,652.0	337RDLL	0.6	0.400000	Dolomite
nmb32-20-17ddd	6,652.0	6,654.0	337RDLL	0.5	0.300000	Dolomite
nmb32-20-17ddd	6,654.0	6,656.0	337RDLL	0.4	0.000000	Dolomite
nmb32-20-17ddd	6,656.0	6,658.0	337RDLL	0.5	0.000000	Dolomite
nmb32-20-17ddd	6,658.0	6,660.0	337RDLL	0.4	0.200000	Dolomite
nmb32-20-17ddd	6,660.0	6,662.0	337RDLL	0.6	0.000000	Dolomite
nmb32-20-17ddd	6,662.0	6,664.0	337RDLL	0.3	0.000000	Dolomite
AVERAGE--				2.1	4.002857	
SITE AVERAGE-----				2.2	6.298011	
nmb33-14-08cdc	8,674.0	8,674.1	321HKTL	4.1	0.000000	Siltstone
AVERAGE--				4.1	0.000000	
nmb33-14-08cdc	9,206.0	9,207.0	324PRDX	3.1	0.000000	Very fine-grained sandstone with salt veins
nmb33-14-08cdc	9,208.0	9,209.0	324PRDX	2.5	0.000000	Very fine-grained sandstone with salt veins
nmb33-14-08cdc	9,281.0	9,282.0	324PRDX	6.2	0.000000	Crystalline dolomite
AVERAGE--				3.9	0.000000	
SITE AVERAGE-----				4.0	0.000000	
nmb33-18-22ddd	6,466.0	6,467.0	324PRDX	1.1	0.000000	Fractured dolomite
nmb33-18-22ddd	6,467.0	6,468.0	324PRDX	0.8	0.000000	Dolomite
nmb33-18-22ddd	6,468.0	6,469.0	324PRDX	1.2	0.000000	Dolomite
nmb33-18-22ddd	6,469.0	6,470.0	324PRDX	2.2	0.000000	Dolomite
nmb33-18-22ddd	6,473.0	6,474.0	324PRDX	1.7	0.000000	Limestone
nmb33-18-22ddd	6,474.0	6,475.0	324PRDX	1.7	0.000000	Limestone
nmb33-18-22ddd	6,480.0	6,481.0	324PRDX	4.3	0.000000	Dolomite
nmb33-18-22ddd	6,481.0	6,482.0	324PRDX	3.5	0.010000	Dolomite
nmb33-18-22ddd	6,483.0	6,484.0	324PRDX	3.6	0.000000	Dolomite and anhydrite
nmb33-18-22ddd	6,484.0	6,485.0	324PRDX	4.0	0.000000	Dolomite
nmb33-18-22ddd	6,487.0	6,488.0	324PRDX	2.1	0.010000	Dolomite
AVERAGE--				2.4	0.001818	
SITE AVERAGE-----				2.4	0.001818	
nmb33-20-04ddd	6,002.0	6,003.0	324PRDX	10.8	39.000000	Vuggy, medium- to coarsely crystalline limestone
nmb33-20-04ddd	6,003.0	6,004.0	324PRDX	8.7	22.000000	Vuggy, medium- to coarsely crystalline limestone
nmb33-20-04ddd	6,004.0	6,005.0	324PRDX	8.5	4.800000	Vuggy, medium- to coarsely crystalline limestone
nmb33-20-04ddd	6,005.0	6,006.0	324PRDX	6.1	67.000000	Vuggy, medium- to coarsely crystalline limestone
nmb33-20-04ddd	6,006.0	6,007.0	324PRDX	8.1	0.080000	Medium- to coarsely crystalline limestone

Table 4.--Laboratory-determined porosity and permeability--Continued

Site	Depth to top (feet)	Depth to bottom (feet)	Forma- tion	Porosity (percent)	Perme- ability (milli- darcies)	Lithology
nmb33-20-04ddd	6,011.0	6,012.0	324PRDX	5.8	0.710000	Vuggy, anhydritic, medium-crystalline limestone
nmb33-20-04ddd	6,012.0	6,013.0	324PRDX	14.0	10.000000	Vuggy, coarsely crystalline limestone
nmb33-20-04ddd	6,013.0	6,014.0	324PRDX	13.0	2.900000	Medium-crystalline limestone
nmb33-20-04ddd	6,014.0	6,015.0	324PRDX	14.7	7.900000	Medium-crystalline limestone
nmb33-20-04ddd	6,015.0	6,016.0	324PRDX	9.8	12.000000	Anhydritic, medium-crystalline limestone
nmb33-20-04ddd	6,016.0	6,017.0	324PRDX	11.0	0.020000	Vuggy, anhydritic, fine-grained limestone
nmb33-20-04ddd	6,017.0	6,018.0	324PRDX	2.7	0.000000	Fine-grained limestone
AVERAGE--				9.4	13.867500	
SITE AVERAGE-----				9.4	13.867500	
nmb33.5-12-29dbd	7,657.0	7,658.0	321HKTL	0.5	0.060000	Limestone
nmb33.5-12-29dbd	7,658.0	7,659.0	321HKTL	3.0	0.050000	Limestone
nmb33.5-12-29dbd	7,659.0	7,660.0	321HKTL	0.6	0.040000	Limestone
nmb33.5-12-29dbd	7,660.0	7,661.0	321HKTL	1.6	0.020000	Limestone
nmb33.5-12-29dbd	7,661.0	7,662.0	321HKTL	1.1	0.040000	Limestone
nmb33.5-12-29dbd	7,662.0	7,663.0	321HKTL	1.8	0.050000	Limestone
nmb33.5-12-29dbd	7,663.0	7,664.0	321HKTL	1.1	0.020000	Limestone
nmb33.5-12-29dbd	7,664.0	7,665.0	321HKTL	0.8	0.040000	Limestone
nmb33.5-12-29dbd	7,665.0	7,666.0	321HKTL	2.0	0.040000	Limestone
nmb33.5-12-29dbd	7,666.0	7,667.0	321HKTL	0.9	0.060000	Limestone
nmb33.5-12-29dbd	7,667.0	7,668.0	321HKTL	1.5	0.040000	Limestone
nmb33.5-12-29dbd	7,668.0	7,669.0	321HKTL	1.8	0.030000	Limestone
nmb33.5-12-29dbd	7,669.0	7,670.0	321HKTL	0.7	0.050000	Limestone
nmb33.5-12-29dbd	7,670.0	7,671.0	321HKTL	1.2	0.040000	Limestone
nmb33.5-12-29dbd	7,671.0	7,672.0	321HKTL	0.8	0.060000	Limestone and shale
nmb33.5-12-29dbd	7,672.0	7,673.0	321HKTL	0.8	0.020000	Shale
nmb33.5-12-29dbd	7,676.0	7,677.0	321HKTL	2.7	0.020000	Sandstone
nmb33.5-12-29dbd	7,677.0	7,678.0	321HKTL	3.8	0.080000	Sandstone
nmb33.5-12-29dbd	7,678.0	7,679.0	321HKTL	3.7	0.020000	Sandstone
nmb33.5-12-29dbd	7,679.0	7,680.0	321HKTL	5.3	0.480000	Sandstone
nmb33.5-12-29dbd	7,680.0	7,681.0	321HKTL	12.5	1.800000	Sandstone
nmb33.5-12-29dbd	7,681.0	7,682.0	321HKTL	13.7	1.400000	Sandstone
nmb33.5-12-29dbd	7,682.0	7,683.0	321HKTL	16.5	0.800000	Sandstone
nmb33.5-12-29dbd	7,683.0	7,684.0	321HKTL	18.3	1.100000	Sandstone
nmb33.5-12-29dbd	7,684.0	7,685.0	321HKTL	19.1	7.200000	Sandstone
nmb33.5-12-29dbd	7,689.0	7,690.0	321HKTL	16.0	8.700000	Sandstone
nmb33.5-12-29dbd	7,690.0	7,691.0	321HKTL	13.1	0.800000	Sandstone
nmb33.5-12-29dbd	7,691.0	7,692.0	321HKTL	16.4	5.500000	Sandstone
nmb33.5-12-29dbd	7,692.0	7,693.0	321HKTL	17.7	10.000000	Sandstone
nmb33.5-12-29dbd	7,693.0	7,694.0	321HKTL	17.6	2.800000	Sandstone
nmb33.5-12-29dbd	7,694.0	7,695.0	321HKTL	18.6	6.100000	Sandstone
nmb33.5-12-29dbd	7,695.0	7,696.0	321HKTL	17.3	3.000000	Sandstone
nmb33.5-12-29dbd	7,696.0	7,697.0	321HKTL	17.5	15.000000	Sandstone
nmb33.5-12-29dbd	7,697.0	7,698.0	321HKTL	20.0	25.000000	Sandstone
nmb33.5-12-29dbd	7,698.0	7,699.0	321HKTL	18.4	10.000000	Sandstone
nmb33.5-12-29dbd	7,699.0	7,700.0	321HKTL	18.5	13.000000	Sandstone
nmb33.5-12-29dbd	7,700.0	7,701.0	321HKTL	13.9	11.000000	Sandstone
nmb33.5-12-29dbd	7,701.0	7,702.0	321HKTL	12.3	7.200000	Sandstone
nmb33.5-12-29dbd	7,702.0	7,703.0	321HKTL	7.0	0.520000	Sandstone
nmb33.5-12-29dbd	7,703.0	7,704.0	321HKTL	2.3	0.030000	Sandstone

Table 4.--Laboratory-determined porosity and permeability--Continued

Site	Depth to top (feet)	Depth to bottom (feet)	Formation	Porosity (percent)	Permeability (millidarcies)	Lithology
nmb33.5-12-29dbd	7,704.0	7,705.0	321HKTL	7.2	0.080000	Sandstone
nmb33.5-12-29dbd	7,705.0	7,706.0	321HKTL	11.9	0.170000	Sandstone
nmb33.5-12-29dbd	7,706.0	7,707.0	321HKTL	15.6	0.190000	Sandstone
nmb33.5-12-29dbd	7,707.0	7,708.0	321HKTL	16.3	0.330000	Sandstone
nmb33.5-12-29dbd	7,708.0	7,709.0	321HKTL	11.6	0.340000	Sandstone
nmb33.5-12-29dbd	7,709.0	7,710.0	321HKTL	15.6	0.280000	Sandstone
nmb33.5-12-29dbd	7,710.0	7,711.0	321HKTL	13.2	0.560000	Sandstone
nmb33.5-12-29dbd	7,711.0	7,712.0	321HKTL	14.2	0.750000	Sandstone
nmb33.5-12-29dbd	7,712.0	7,713.0	321HKTL	5.2	0.070000	Sandstone
			AVERAGE--	9.2	2.754694	
nmb33.5-12-29dbd	9,400.0	9,401.0	324PKTL	0.3	0.000000	Limestone
nmb33.5-12-29dbd	9,401.0	9,402.0	324PKTL	0.5	0.000000	Limestone
nmb33.5-12-29dbd	9,402.0	9,403.0	324PKTL	0.3	0.000000	Limestone
nmb33.5-12-29dbd	9,403.0	9,404.0	324PKTL	0.3	0.000000	Dolomite
nmb33.5-12-29dbd	9,404.0	9,405.0	324PKTL	0.5	0.000000	Dolomite
nmb33.5-12-29dbd	9,416.5	9,418.4	324PKTL	3.0	0.100000	Dolomite
nmb33.5-12-29dbd	9,418.4	9,420.2	324PKTL	6.5	2.900000	Dolomite
nmb33.5-12-29dbd	9,420.2	9,422.0	324PKTL	7.9	45.000000	Dolomite
nmb33.5-12-29dbd	9,422.0	9,423.5	324PKTL	6.7	18.000000	Dolomite
nmb33.5-12-29dbd	9,423.5	9,425.0	324PKTL	4.6	17.000000	Dolomite
			AVERAGE--	3.1	8.300000	
SITE AVERAGE-----				8.2	3.694576	
nmb33.5-20-03aba	5,901.0	5,902.0	324PRDX	4.6	0.000000	Dolomite
nmb33.5-20-03aba	5,902.0	5,903.0	324PRDX	3.0	0.040000	Dolomite
nmb33.5-20-03aba	5,903.0	5,904.0	324PRDX	7.5	0.000000	Dolomite
nmb33.5-20-03aba	5,904.0	5,905.0	324PRDX	8.8	0.000000	Dolomite
nmb33.5-20-03aba	5,905.0	5,906.0	324PRDX	5.7	0.000000	Dolomite
nmb33.5-20-03aba	5,906.0	5,907.0	324PRDX	4.9	0.000000	Dolomite
nmb33.5-20-03aba	5,907.0	5,908.0	324PRDX	9.0	0.000000	Dolomite
nmb33.5-20-03aba	5,908.0	5,909.0	324PRDX	10.1	0.000000	Dolomite
nmb33.5-20-03aba	5,909.0	5,910.0	324PRDX	11.1	0.000000	Dolomite
nmb33.5-20-03aba	5,910.0	5,911.0	324PRDX	10.3	0.000000	Dolomite
nmb33.5-20-03aba	5,911.0	5,912.0	324PRDX	9.6	0.000000	Dolomite
nmb33.5-20-03aba	5,912.0	5,913.0	324PRDX	2.5	0.000000	Dolomite
nmb33.5-20-03aba	5,913.0	5,914.0	324PRDX	9.1	0.000000	Dolomite
nmb33.5-20-03aba	5,916.0	5,917.0	324PRDX	1.2	0.000000	Dolomite
nmb33.5-20-03aba	5,917.0	5,918.0	324PRDX	1.2	0.000000	Dolomite
nmb33.5-20-03aba	5,918.0	5,919.0	324PRDX	1.5	0.000000	Dolomite
nmb33.5-20-03aba	5,919.0	5,920.0	324PRDX	0.8	0.010000	Dolomite and limestone
nmb33.5-20-03aba	5,920.0	5,921.0	324PRDX	1.0	0.000000	Limestone
nmb33.5-20-03aba	5,921.0	5,922.0	324PRDX	1.1	0.000000	Limestone
nmb33.5-20-03aba	5,922.0	5,923.0	324PRDX	1.2	0.000000	Limestone
nmb33.5-20-03aba	5,923.0	5,924.0	324PRDX	1.1	0.010000	Fractured limestone
nmb33.5-20-03aba	5,924.0	5,925.0	324PRDX	1.0	0.000000	Fractured limestone
nmb33.5-20-03aba	5,925.0	5,926.5	324PRDX	6.6	0.000000	Limestone
nmb33.5-20-03aba	5,926.5	5,928.0	324PRDX	5.5	0.100000	Dolomite
nmb33.5-20-03aba	5,928.0	5,929.0	324PRDX	1.4	0.000000	Fractured limestone
nmb33.5-20-03aba	5,929.0	5,930.0	324PRDX	3.0	0.000000	Fractured limestone
nmb33.5-20-03aba	5,930.0	5,931.0	324PRDX	6.4	0.000000	Limestone
nmb33.5-20-03aba	5,931.0	5,932.0	324PRDX	7.7	0.010000	Limestone
nmb33.5-20-03aba	5,932.0	5,933.0	324PRDX	7.8	0.010000	Limestone
nmb33.5-20-03aba	5,933.0	5,934.0	324PRDX	9.9	0.000000	Limestone

Table 4.--Laboratory-determined porosity and permeability--Continued

Site	Depth to top (feet)	Depth to bottom (feet)	Formation	Porosity (percent)	Permeability (millidarcies)	Lithology
nmb33.5-20-03aba	5,934.0	5,935.0	324PRDX	7.1	0.010000	Limestone
nmb33.5-20-03aba	5,935.0	5,936.0	324PRDX	3.7	0.000000	Limestone
nmb33.5-20-03aba	5,936.0	5,937.0	324PRDX	1.3	0.010000	Limestone
nmb33.5-20-03aba	5,937.0	5,939.0	324PRDX	1.5	0.000000	Fractured dolomite
nmb33.5-20-03aba	5,939.0	5,940.7	324PRDX	5.3	0.000000	Fractured dolomite
nmb33.5-20-03aba	5,940.7	5,942.2	324PRDX	8.8	0.000000	Fractured dolomite
nmb33.5-20-03aba	5,942.2	5,944.2	324PRDX	7.2	0.000000	Fractured dolomite
nmb33.5-20-03aba	5,944.2	5,946.0	324PRDX	3.6	0.000000	Dolomite
nmb33.5-20-03aba	5,946.0	5,947.0	324PRDX	1.3	0.000000	Limestone
nmb33.5-20-03aba	5,947.0	5,948.0	324PRDX	2.4	0.060000	Limestone
nmb33.5-20-03aba	5,948.0	5,949.0	324PRDX	1.8	0.000000	Limestone
nmb33.5-20-03aba	5,949.0	5,950.0	324PRDX	1.9	0.000000	Limestone
AVERAGE--				4.8	0.006190	
SITE AVERAGE-----				4.8	0.006190	
nmb33.5-20-16bca	5,717.0	5,718.0	324PRDX	1.6	0.000000	Shale
nmb33.5-20-16bca	5,719.0	5,720.0	324PRDX	1.8	0.000000	Shale
nmb33.5-20-16bca	5,721.0	5,722.0	324PRDX	1.9	0.000000	Shale
nmb33.5-20-16bca	5,723.0	5,724.0	324PRDX	4.0	0.000000	Shale
nmb33.5-20-16bca	5,725.0	5,726.0	324PRDX	2.3	0.000000	Shale
nmb33.5-20-16bca	5,727.0	5,728.0	324PRDX	3.3	0.000000	Finely crystalline limestone
nmb33.5-20-16bca	5,729.0	5,730.0	324PRDX	2.0	0.000000	Finely crystalline limestone
nmb33.5-20-16bca	5,731.0	5,732.0	324PRDX	2.7	0.000000	Finely crystalline limestone
nmb33.5-20-16bca	5,733.0	5,734.0	324PRDX	1.1	0.000000	Finely crystalline limestone
nmb33.5-20-16bca	5,735.0	5,736.0	324PRDX	1.7	0.000000	Finely crystalline limestone
nmb33.5-20-16bca	5,739.0	5,740.0	324PRDX	2.7	0.000000	Finely crystalline limestone
nmb33.5-20-16bca	5,741.0	5,742.0	324PRDX	3.3	0.000000	Finely crystalline limestone
nmb33.5-20-16bca	5,743.0	5,744.0	324PRDX	2.9	0.000000	Finely crystalline limestone
nmb33.5-20-16bca	5,745.0	5,746.0	324PRDX	5.7	0.000000	Finely crystalline limestone
nmb33.5-20-16bca	5,747.0	5,748.0	324PRDX	4.7	0.000000	Finely crystalline limestone
nmb33.5-20-16bca	5,749.0	5,750.0	324PRDX	3.6	0.000000	Finely crystalline limestone
nmb33.5-20-16bca	5,751.0	5,752.0	324PRDX	3.2	0.000000	Finely crystalline limestone
nmb33.5-20-16bca	5,753.0	5,754.0	324PRDX	2.5	0.000000	Finely crystalline limestone
nmb33.5-20-16bca	5,755.0	5,756.0	324PRDX	2.0	0.000000	Finely crystalline limestone
nmb33.5-20-16bca	5,757.0	5,758.0	324PRDX	4.3	0.000000	Finely crystalline limestone
nmb33.5-20-16bca	5,759.0	5,760.0	324PRDX	1.8	0.000000	Finely crystalline limestone
nmb33.5-20-16bca	5,814.0	5,815.0	324PRDX	1.9	0.000000	Shale and limestone
nmb33.5-20-16bca	5,816.0	5,817.0	324PRDX	8.6	0.000000	Shale and limestone
nmb33.5-20-16bca	5,817.0	5,818.0	324PRDX	13.1	0.000000	Shale and limestone
nmb33.5-20-16bca	5,819.0	5,820.0	324PRDX	3.3	0.000000	Shale and limestone
nmb33.5-20-16bca	5,821.0	5,822.0	324PRDX	3.3	0.000000	Fine-grained dolomite
nmb33.5-20-16bca	5,823.0	5,824.9	324PRDX	3.3	0.000000	Sucrose dolomite
nmb33.5-20-16bca	5,824.9	5,826.8	324PRDX	6.3	0.000000	Sucrose dolomite
nmb33.5-20-16bca	5,826.8	5,828.4	324PRDX	8.0	0.300000	Vuggy, finely to coarsely crystalline limestone
nmb33.5-20-16bca	5,828.4	5,830.0	324PRDX	2.9	0.200000	Vuggy, finely to coarsely crystalline limestone
nmb33.5-20-16bca	5,830.0	5,831.1	324PRDX	4.3	0.000000	Vuggy, finely to coarsely crystalline limestone
nmb33.5-20-16bca	5,831.1	5,832.6	324PRDX	2.4	0.000000	Vuggy, finely to coarsely crystalline limestone
nmb33.5-20-16bca	5,832.6	5,834.5	324PRDX	5.9	0.000000	Vuggy, finely to coarsely crystalline limestone
nmb33.5-20-16bca	5,834.5	5,836.0	324PRDX	5.1	0.300000	Vuggy, finely to coarsely crystalline limestone
nmb33.5-20-16bca	5,836.0	5,837.3	324PRDX	1.6	13.000000	Fine-grained limestone



Table 4.--Laboratory-determined porosity and permeability--Continued

Site	Depth to top (feet)	Depth to bottom (feet)	Formation	Porosity (percent)	Permeability (millidarcies)	Lithology
nmb33.5-20-16bca	5,837.3	5,839.0	324PRDX	3.3	0.000000	Sucrose, dolomitic limestone
nmb33.5-20-16bca	5,839.0	5,840.7	324PRDX	5.2	0.100000	Sucrose, dolomitic limestone
nmb33.5-20-16bca	5,840.7	5,842.2	324PRDX	9.7	0.000000	Sucrose, dolomitic limestone
nmb33.5-20-16bca	5,842.2	5,843.0	324PRDX	17.0	0.000000	Sucrose, dolomitic limestone
nmb33.5-20-16bca	5,845.0	5,846.0	324PRDX	1.6	0.300000	Fine-grained limestone
nmb33.5-20-16bca	5,846.0	5,847.0	324PRDX	0.9	4.000000	Fine-grained limestone
nmb33.5-20-16bca	5,847.0	5,848.0	324PRDX	6.6	0.500000	Vuggy limestone
nmb33.5-20-16bca	5,849.0	5,850.0	324PRDX	6.8	0.300000	Vuggy limestone
nmb33.5-20-16bca	5,851.0	5,852.0	324PRDX	4.5	0.200000	Vuggy limestone
nmb33.5-20-16bca	5,852.0	5,853.0	324PRDX	3.1	4.900000	Vuggy limestone
nmb33.5-20-16bca	5,853.0	5,854.0	324PRDX	3.6	0.700000	Vuggy limestone
nmb33.5-20-16bca	5,854.0	5,855.0	324PRDX	3.0	0.400000	Vuggy limestone
nmb33.5-20-16bca	5,855.0	5,856.0	324PRDX	1.2	0.000000	Vuggy limestone
nmb33.5-20-16bca	5,857.0	5,858.0	324PRDX	4.1	0.000000	Fine-grained dolomite
nmb33.5-20-16bca	5,859.0	5,860.0	324PRDX	4.4	0.000000	Fine-grained dolomite
nmb33.5-20-16bca	5,861.0	5,862.0	324PRDX	1.4	0.000000	Fine-grained dolomite
nmb33.5-20-16bca	5,863.0	5,864.0	324PRDX	0.5	0.000000	Fine-grained limestone
nmb33.5-20-16bca	5,865.0	5,866.0	324PRDX	1.9	0.000000	Fine-grained limestone
nmb33.5-20-16bca	5,867.0	5,868.0	324PRDX	1.2	0.000000	Fine-grained limestone
nmb33.5-20-16bca	5,869.0	5,870.0	324PRDX	3.7	1.300000	Fine-grained limestone
nmb33.5-20-16bca	5,871.0	5,872.0	324PRDX	4.3	0.000000	Sucrose dolomite
nmb33.5-20-16bca	5,873.0	5,874.0	324PRDX	4.2	0.000000	Sucrose dolomite
nmb33.5-20-16bca	5,875.0	5,876.0	324PRDX	4.1	0.000000	Sucrose dolomite
nmb33.5-20-16bca	5,877.0	5,878.0	324PRDX	3.9	0.000000	Finely crystalline limestone
nmb33.5-20-16bca	5,879.0	5,880.0	324PRDX	1.9	0.000000	Finely crystalline limestone
nmb33.5-20-16bca	5,881.0	5,882.0	324PRDX	2.5	0.000000	Finely crystalline limestone
nmb33.5-20-16bca	5,883.0	5,884.0	324PRDX	1.6	0.000000	Finely crystalline limestone
nmb33.5-20-16bca	5,885.0	5,886.0	324PRDX	2.4	0.000000	Finely crystalline limestone
nmb33.5-20-16bca	5,887.0	5,888.0	324PRDX	2.2	0.000000	Finely crystalline limestone
nmb33.5-20-16bca	5,889.0	5,890.0	324PRDX	1.9	0.000000	Finely crystalline limestone
nmb33.5-20-16bca	5,891.0	5,892.0	324PRDX	1.9	0.000000	Finely crystalline limestone
nmb33.5-20-16bca	5,892.0	5,893.0	324PRDX	3.5	0.400000	Vuggy limestone
nmb33.5-20-16bca	5,894.0	5,895.0	324PRDX	8.4	2.800000	Vuggy limestone
nmb33.5-20-16bca	5,896.0	5,897.0	324PRDX	0.8	1.400000	Vuggy limestone
nmb33.5-20-16bca	5,898.0	5,899.0	324PRDX	0.7	3.300000	Vuggy limestone
nmb33.5-20-16bca	5,900.0	5,901.0	324PRDX	0.3	0.400000	Vuggy limestone
nmb33.5-20-16bca	5,901.0	5,902.0	324PRDX	6.1	213.000000	Vuggy limestone
nmb33.5-20-16bca	5,903.0	5,904.0	324PRDX	6.9	4.600000	Vuggy limestone
nmb33.5-20-16bca	5,905.0	5,906.0	324PRDX	6.8	2.700000	Vuggy limestone
nmb33.5-20-16bca	5,907.0	5,908.0	324PRDX	5.7	19.000000	Vuggy limestone
nmb33.5-20-16bca	5,909.0	5,910.0	324PRDX	10.5	14.000000	Vuggy limestone
nmb33.5-20-16bca	5,911.0	5,912.0	324PRDX	7.8	2.500000	Vuggy limestone
nmb33.5-20-16bca	5,912.0	5,913.0	324PRDX	12.4	9.100000	Vuggy limestone
nmb33.5-20-16bca	5,913.0	5,914.0	324PRDX	9.3	4.300000	Vuggy limestone
nmb33.5-20-16bca	5,914.0	5,915.0	324PRDX	8.1	3.900000	Vuggy limestone
nmb33.5-20-16bca	5,915.0	5,916.0	324PRDX	4.7	0.500000	Vuggy limestone
nmb33.5-20-16bca	5,916.0	5,917.0	324PRDX	9.3	2.700000	Vuggy limestone
nmb33.5-20-16bca	5,917.0	5,918.0	324PRDX	28.8	107.000000	Sucrose dolomite
nmb33.5-20-16bca	5,918.0	5,919.0	324PRDX	27.6	65.000000	Sucrose dolomite
nmb33.5-20-16bca	5,919.0	5,920.0	324PRDX	22.5	11.000000	Sucrose dolomite

Table 4.--Laboratory-determined porosity and permeability--Continued

Site	Depth to top (feet)	Depth to bottom (feet)	Formation	Porosity (percent)	Permeability (millidarcies)	Lithology
nmb33.5-20-16bca	5,921.0	5,922.0	324PRDX	17.5	2.300000	Sucrose dolomite
nmb33.5-20-16bca	5,923.0	5,924.0	324PRDX	11.8	0.700000	Sucrose dolomite
nmb33.5-20-16bca	5,925.0	5,926.0	324PRDX	24.4	12.000000	Sucrose dolomite
nmb33.5-20-16bca	5,927.0	5,928.0	324PRDX	25.6	19.000000	Sucrose dolomite
nmb33.5-20-16bca	5,929.0	5,930.0	324PRDX	31.0	51.000000	Sucrose dolomite
nmb33.5-20-16bca	5,931.0	5,932.0	324PRDX	26.0	30.000000	Sucrose dolomite
nmb33.5-20-16bca	5,933.0	5,934.0	324PRDX	19.2	3.800000	Sucrose dolomite
nmb33.5-20-16bca	5,935.0	5,936.0	324PRDX	16.8	6.900000	Chalky limestone
nmb33.5-20-16bca	5,937.0	5,938.0	324PRDX	12.0	2.600000	Chalky limestone
nmb33.5-20-16bca	5,939.0	5,940.0	324PRDX	16.8	3.400000	Chalky limestone
nmb33.5-20-16bca	5,941.0	5,942.0	324PRDX	3.9	0.000000	Chalky limestone
nmb33.5-20-16bca	5,997.0	5,998.0	324PRDX	3.0	0.000000	Shaly, fine-grained dolomite
nmb33.5-20-16bca	5,999.0	6,000.0	324PRDX	1.9	0.000000	Shaly, fine-grained dolomite
nmb33.5-20-16bca	6,001.0	6,002.0	324PRDX	2.7	0.000000	Shaly, fine-grained dolomite
nmb33.5-20-16bca	6,003.0	6,004.0	324PRDX	2.4	0.000000	Limy shale
nmb33.5-20-16bca	6,005.0	6,006.0	324PRDX	3.6	0.000000	Limy shale
nmb33.5-20-16bca	6,007.0	6,008.0	324PRDX	3.0	0.000000	Limy shale
nmb33.5-20-16bca	6,023.0	6,024.0	324PRDX	3.8	0.000000	Shaly, fine-grained limestone
nmb33.5-20-16bca	6,025.0	6,026.0	324PRDX	4.0	0.000000	Shaly, fine-grained limestone
nmb33.5-20-16bca	6,027.0	6,028.0	324PRDX	2.8	0.000000	Shaly, fine-grained limestone
nmb33.5-20-16bca	6,029.0	6,030.0	324PRDX	3.3	0.000000	Shaly, fine-grained limestone
nmb33.5-20-16bca	6,031.0	6,032.0	324PRDX	4.0	0.000000	Limy shale
nmb33.5-20-16bca	6,033.0	6,034.0	324PRDX	3.6	0.000000	Limy shale
nmb33.5-20-16bca	6,035.0	6,036.0	324PRDX	2.8	0.000000	Limy shale
nmb33.5-20-16bca	6,037.0	6,038.0	324PRDX	2.3	0.000000	Dolomite and limestone
nmb33.5-20-16bca	6,039.0	6,040.0	324PRDX	3.3	0.000000	Dolomite and limestone
nmb33.5-20-16bca	6,041.0	6,042.0	324PRDX	3.5	0.000000	Dolomite and limestone
nmb33.5-20-16bca	6,044.0	6,045.0	324PRDX	1.6	0.000000	Dolomite and limestone
nmb33.5-20-16bca	6,046.0	6,047.0	324PRDX	1.8	0.000000	Dolomite and limestone
nmb33.5-20-16bca	6,048.0	6,049.0	324PRDX	3.5	0.000000	Dolomite and limestone
nmb33.5-20-16bca	6,050.0	6,051.0	324PRDX	3.7	0.000000	Dolomite and limestone
nmb33.5-20-16bca	6,058.0	6,059.0	324PRDX	4.8	0.000000	Chalky dolomite
nmb33.5-20-16bca	6,060.0	6,061.0	324PRDX	4.9	0.000000	Chalky dolomite
nmb33.5-20-16bca	6,062.0	6,063.0	324PRDX	4.2	0.000000	Chalky dolomite
nmb33.5-20-16bca	6,064.0	6,065.0	324PRDX	4.1	0.000000	Shaly, fine-grained limestone
nmb33.5-20-16bca	6,066.0	6,067.0	324PRDX	2.6	0.000000	Shaly, fine-grained limestone
nmb33.5-20-16bca	6,068.0	6,069.0	324PRDX	6.2	0.000000	Shaly, fine-grained limestone
nmb33.5-20-16bca	6,071.0	6,072.0	324PRDX	3.0	0.000000	Shaly, fine-grained limestone
nmb33.5-20-16bca	6,073.0	6,074.0	324PRDX	2.3	0.000000	Shaly, fine-grained limestone
nmb33.5-20-16bca	6,075.0	6,076.0	324PRDX	4.9	0.000000	Shaly, fine-grained limestone
nmb33.5-20-16bca	6,077.0	6,078.0	324PRDX	3.5	0.000000	Shaly, fine-grained limestone
nmb33.5-20-16bca	6,079.0	6,080.0	324PRDX	3.0	0.000000	Shaly, fine-grained limestone
nmb33.5-20-16bca	6,081.0	6,082.0	324PRDX	2.2	0.000000	Shaly, fine-grained limestone
nmb33.5-20-16bca	6,083.0	6,084.0	324PRDX	2.8	0.000000	Shaly, fine-grained limestone
nmb33.5-20-16bca	6,091.0	6,092.0	324PRDX	1.8	0.000000	Shaly, fine-grained limestone
nmb33.5-20-16bca	6,093.0	6,094.0	324PRDX	1.5	0.000000	Shaly, fine-grained limestone
nmb33.5-20-16bca	6,095.0	6,096.0	324PRDX	2.4	0.000000	Shaly, fine-grained limestone
nmb33.5-20-16bca	6,097.0	6,098.0	324PRDX	2.2	0.000000	Shaly, fine-grained limestone
nmb33.5-20-16bca	6,100.0	6,101.0	324PRDX	1.4	0.000000	Shaly, fine-grained limestone
nmb33.5-20-16bca	6,108.0	6,109.0	324PRDX	5.2	0.000000	Shaly, fine-grained dolomite

Table 4.--Laboratory-determined porosity and permeability--Continued

Site	Depth to top (feet)	Depth to bottom (feet)	Forma- tion	Porosity (percent)	Perme- ability (milli- darcies)	Lithology
nmb33.5-20-16bca	6,112.0	6,113.0	324PRDX	5.3	1.000000	Shaly, fine-grained dolomite
AVERAGE--				5.6	4.575182	
SITE AVERAGE-----				5.6	4.575182	
nmb33.5-20-21dac	5,691.0	5,693.0	324PRDX	5.4	0.100000	Limestone
nmb33.5-20-21dac	5,697.0	5,698.0	324PRDX	14.5	0.200000	Limestone
nmb33.5-20-21dac	5,700.0	5,701.6	324PRDX	1.8	0.700000	Limestone
nmb33.5-20-21dac	5,701.6	5,703.0	324PRDX	3.2	0.800000	Limestone
nmb33.5-20-21dac	5,716.0	5,718.0	324PRDX	4.1	0.000000	Limestone
nmb33.5-20-21dac	5,721.0	5,722.6	324PRDX	7.3	1.700000	Dolomite
nmb33.5-20-21dac	5,722.6	5,724.4	324PRDX	10.0	3.800000	Dolomite
nmb33.5-20-21dac	5,724.4	5,726.0	324PRDX	8.6	8.100000	Dolomite
nmb33.5-20-21dac	5,726.0	5,727.5	324PRDX	7.1	60.000000	Dolomite
nmb33.5-20-21dac	5,727.5	5,729.5	324PRDX	7.5	13.000000	Dolomite
nmb33.5-20-21dac	5,729.5	5,731.2	324PRDX	6.6	0.300000	Dolomite
nmb33.5-20-21dac	5,731.2	5,733.0	324PRDX	7.7	0.000000	Dolomite
nmb33.5-20-21dac	5,738.0	5,739.5	324PRDX	10.6	5.900000	Shale
nmb33.5-20-21dac	5,739.5	5,742.0	324PRDX	14.0	19.000000	Limestone and dolomite
nmb33.5-20-21dac	5,742.0	5,743.5	324PRDX	13.3	31.000000	Dolomite
nmb33.5-20-21dac	5,743.5	5,745.2	324PRDX	15.8	43.000000	Dolomite
nmb33.5-20-21dac	5,745.2	5,747.0	324PRDX	14.7	14.000000	Dolomite
nmb33.5-20-21dac	5,747.0	5,748.7	324PRDX	10.2	3.000000	Dolomite
nmb33.5-20-21dac	5,748.7	5,750.3	324PRDX	8.2	0.000000	Dolomite
nmb33.5-20-21dac	5,750.3	5,752.0	324PRDX	11.0	0.000000	Dolomite
nmb33.5-20-21dac	5,752.0	5,753.0	324PRDX	8.4	0.000000	Dolomite
nmb33.5-20-21dac	5,762.0	5,763.8	324PRDX	2.9	0.100000	Shale
nmb33.5-20-21dac	5,763.8	5,765.6	324PRDX	4.8	0.100000	Dolomite
nmb33.5-20-21dac	5,765.6	5,767.2	324PRDX	5.2	0.900000	Dolomite
nmb33.5-20-21dac	5,767.2	5,768.9	324PRDX	5.2	1.400000	Dolomite
nmb33.5-20-21dac	5,768.9	5,770.6	324PRDX	8.3	0.800000	Dolomite and limestone
nmb33.5-20-21dac	5,770.6	5,772.3	324PRDX	9.8	34.000000	Limestone
nmb33.5-20-21dac	5,772.3	5,773.9	324PRDX	9.0	6.500000	Limestone
nmb33.5-20-21dac	5,773.9	5,775.7	324PRDX	9.2	23.000000	Limestone
nmb33.5-20-21dac	5,775.7	5,777.5	324PRDX	4.8	1.400000	Limestone
nmb33.5-20-21dac	5,777.5	5,779.0	324PRDX	13.5	17.000000	Limestone
nmb33.5-20-21dac	5,779.0	5,780.6	324PRDX	12.3	68.000000	Limestone
nmb33.5-20-21dac	5,780.6	5,782.4	324PRDX	10.9	91.000000	Limestone
nmb33.5-20-21dac	5,782.4	5,784.0	324PRDX	10.9	91.000000	Limestone
nmb33.5-20-21dac	5,784.0	5,785.8	324PRDX	12.7	48.000000	Limestone
nmb33.5-20-21dac	5,785.8	5,787.4	324PRDX	12.6	117.000000	Limestone
nmb33.5-20-21dac	5,787.4	5,789.9	324PRDX	6.9	3.500000	Limestone and dolomite
nmb33.5-20-21dac	5,789.9	5,790.8	324PRDX	2.9	12.000000	Limestone and dolomite
nmb33.5-20-21dac	5,790.8	5,792.8	324PRDX	3.1	0.700000	Limestone
nmb33.5-20-21dac	5,792.8	5,793.6	324PRDX	6.0	0.100000	Limestone
nmb33.5-20-21dac	5,793.6	5,795.2	324PRDX	12.0	0.300000	Limestone
nmb33.5-20-21dac	5,795.2	5,797.0	324PRDX	6.4	0.000000	Limestone
nmb33.5-20-21dac	5,797.0	5,798.7	324PRDX	10.3	0.000000	Limestone
nmb33.5-20-21dac	5,798.7	5,800.5	324PRDX	2.0	0.000000	Limestone
AVERAGE--				8.4	16.395455	
SITE AVERAGE-----				8.4	16.395455	

Table 4.--Laboratory-determined porosity and permeability--Continued

Site	Depth to top (feet)	Depth to bottom (feet)	Formation	Porosity (percent)	Permeability (millidarcies)	Lithology
nmb33.5-20-22bcb	5,641.0	5,642.0	324PRDX	2.0	0.000000	Limestone
nmb33.5-20-22bcb	5,642.0	5,643.0	324PRDX	1.0	0.000000	Limestone
nmb33.5-20-22bcb	5,643.0	5,644.0	324PRDX	3.4	0.000000	Limestone
nmb33.5-20-22bcb	5,644.0	5,645.0	324PRDX	2.3	0.000000	Limestone
nmb33.5-20-22bcb	5,645.0	5,646.0	324PRDX	4.1	0.010000	Limestone
nmb33.5-20-22bcb	5,646.0	5,647.0	324PRDX	2.8	0.000000	Limestone
nmb33.5-20-22bcb	5,647.0	5,648.0	324PRDX	2.2	0.000000	Limestone
nmb33.5-20-22bcb	5,648.0	5,649.0	324PRDX	2.7	0.000000	Limestone
nmb33.5-20-22bcb	5,649.0	5,650.0	324PRDX	3.5	0.000000	Limestone
nmb33.5-20-22bcb	5,650.0	5,651.0	324PRDX	2.2	0.000000	Limestone
nmb33.5-20-22bcb	5,651.0	5,652.0	324PRDX	3.9	0.000000	Limestone
nmb33.5-20-22bcb	5,652.0	5,653.0	324PRDX	2.3	0.000000	Limestone
nmb33.5-20-22bcb	5,653.0	5,654.0	324PRDX	1.2	0.000000	Limestone
nmb33.5-20-22bcb	5,654.0	5,655.0	324PRDX	2.1	0.000000	Limestone
nmb33.5-20-22bcb	5,655.0	5,656.0	324PRDX	2.0	0.000000	Limestone
nmb33.5-20-22bcb	5,656.0	5,657.0	324PRDX	1.4	0.000000	Limestone
nmb33.5-20-22bcb	5,690.0	5,691.0	324PRDX	0.4	0.000000	Anhydrite
nmb33.5-20-22bcb	5,692.0	5,693.0	324PRDX	0.4	0.000000	Anhydrite
nmb33.5-20-22bcb	5,694.0	5,695.0	324PRDX	1.4	0.000000	Dolomite
nmb33.5-20-22bcb	5,695.0	5,696.0	324PRDX	3.5	0.000000	Dolomite
nmb33.5-20-22bcb	5,696.0	5,697.0	324PRDX	4.2	0.000000	Dolomite
nmb33.5-20-22bcb	5,697.0	5,698.0	324PRDX	0.8	0.000000	Limestone
nmb33.5-20-22bcb	5,698.0	5,699.0	324PRDX	1.2	0.000000	Limestone
nmb33.5-20-22bcb	5,699.0	5,700.0	324PRDX	1.7	0.000000	Limestone
nmb33.5-20-22bcb	5,700.0	5,701.0	324PRDX	0.7	0.000000	Shaly limestone
nmb33.5-20-22bcb	5,701.0	5,702.0	324PRDX	1.2	0.000000	Shaly limestone
nmb33.5-20-22bcb	5,702.0	5,703.0	324PRDX	0.9	0.000000	Shaly limestone
nmb33.5-20-22bcb	5,703.0	5,704.0	324PRDX	0.5	0.000000	Shaly limestone
nmb33.5-20-22bcb	5,704.0	5,705.0	324PRDX	1.0	0.000000	Shaly limestone
nmb33.5-20-22bcb	5,705.0	5,706.0	324PRDX	1.2	0.000000	Shaly limestone
nmb33.5-20-22bcb	5,706.0	5,707.0	324PRDX	1.8	0.000000	Limestone and dolomite
nmb33.5-20-22bcb	5,707.0	5,708.0	324PRDX	1.2	0.000000	Limestone and dolomite
nmb33.5-20-22bcb	5,708.0	5,709.0	324PRDX	1.4	0.000000	Limestone and dolomite
nmb33.5-20-22bcb	5,709.0	5,710.0	324PRDX	2.9	0.000000	Limestone and dolomite
nmb33.5-20-22bcb	5,710.0	5,711.0	324PRDX	0.3	0.000000	Limestone and dolomite
nmb33.5-20-22bcb	5,711.0	5,712.0	324PRDX	0.3	0.000000	Limestone and dolomite
nmb33.5-20-22bcb	5,712.0	5,713.0	324PRDX	1.5	0.000000	Limestone and dolomite
nmb33.5-20-22bcb	5,713.0	5,714.0	324PRDX	2.3	0.000000	Limestone and dolomite
nmb33.5-20-22bcb	5,714.0	5,715.0	324PRDX	8.3	0.010000	Limestone and dolomite
nmb33.5-20-22bcb	5,715.0	5,716.0	324PRDX	1.8	0.000000	Limestone and dolomite
nmb33.5-20-22bcb	5,716.0	5,717.0	324PRDX	1.8	0.020000	Shaly limestone and shaly dolomite
nmb33.5-20-22bcb	5,717.0	5,718.0	324PRDX	0.8	0.260000	Shaly limestone and shaly dolomite
nmb33.5-20-22bcb	5,718.0	5,719.8	324PRDX	4.8	45.000000	Limestone and dolomite
nmb33.5-20-22bcb	5,719.8	5,721.7	324PRDX	7.1	0.800000	Limestone
nmb33.5-20-22bcb	5,721.7	5,723.5	324PRDX	7.3	4.800000	Limestone
nmb33.5-20-22bcb	5,723.5	5,725.4	324PRDX	8.7	14.000000	Limestone
nmb33.5-20-22bcb	5,725.4	5,726.6	324PRDX	7.2	1.800000	Limestone
nmb33.5-20-22bcb	5,726.6	5,728.0	324PRDX	7.8	4.300000	Limestone
nmb33.5-20-22bcb	5,728.0	5,729.0	324PRDX	5.6	0.000000	Sandy limestone
nmb33.5-20-22bcb	5,729.0	5,730.0	324PRDX	8.5	0.010000	Sandy limestone
nmb33.5-20-22bcb	5,730.0	5,731.0	324PRDX	4.5	0.020000	Sandy limestone

Table 4.--Laboratory-determined porosity and permeability--Continued

Site	Depth to top (feet)	Depth to bottom (feet)	Formation	Porosity (percent)	Permeability (millidarcies)	Lithology
nmb33.5-20-22bcb	5,731.0	5,732.0	324PRDX	5.7	0.000000	Limestone
nmb33.5-20-22bcb	5,732.0	5,733.0	324PRDX	2.8	0.000000	Dolomite
nmb33.5-20-22bcb	5,733.0	5,734.0	324PRDX	5.8	0.000000	Dolomite
nmb33.5-20-22bcb	5,734.0	5,735.0	324PRDX	5.2	0.000000	Dolomite
nmb33.5-20-22bcb	5,735.0	5,736.0	324PRDX	2.8	0.040000	Dolomite
nmb33.5-20-22bcb	5,736.0	5,737.0	324PRDX	1.6	0.000000	Dolomite
nmb33.5-20-22bcb	5,737.0	5,738.0	324PRDX	2.3	0.000000	Dolomite
nmb33.5-20-22bcb	5,738.0	5,739.0	324PRDX	1.5	0.000000	Dolomite
nmb33.5-20-22bcb	5,739.0	5,740.0	324PRDX	0.7	0.000000	Dolomite
nmb33.5-20-22bcb	5,740.0	5,741.0	324PRDX	2.3	0.000000	Shaly dolomite
nmb33.5-20-22bcb	5,741.0	5,742.0	324PRDX	2.3	0.000000	Shaly dolomite
nmb33.5-20-22bcb	5,742.0	5,743.0	324PRDX	0.7	0.000000	Dolomite
nmb33.5-20-22bcb	5,743.0	5,744.0	324PRDX	2.6	0.000000	Dolomite
nmb33.5-20-22bcb	5,744.0	5,745.0	324PRDX	0.9	0.000000	Dolomite
nmb33.5-20-22bcb	5,745.0	5,746.0	324PRDX	1.2	0.000000	Dolomite
nmb33.5-20-22bcb	5,746.0	5,747.0	324PRDX	0.7	0.000000	Dolomite
nmb33.5-20-22bcb	5,747.0	5,748.0	324PRDX	0.5	0.000000	Dolomite
nmb33.5-20-22bcb	5,748.0	5,749.0	324PRDX	0.3	0.010000	Dolomite
nmb33.5-20-22bcb	5,749.0	5,750.0	324PRDX	2.1	0.010000	Dolomite
nmb33.5-20-22bcb	5,750.0	5,751.0	324PRDX	1.6	0.000000	Dolomite
nmb33.5-20-22bcb	5,751.0	5,752.0	324PRDX	1.8	0.000000	Dolomite
nmb33.5-20-22bcb	5,754.0	5,755.0	324PRDX	1.4	0.000000	Limestone
nmb33.5-20-22bcb	5,755.0	5,756.0	324PRDX	1.4	0.000000	Limestone
nmb33.5-20-22bcb	5,756.0	5,757.0	324PRDX	1.0	0.000000	Limestone
nmb33.5-20-22bcb	5,757.0	5,758.0	324PRDX	0.9	0.000000	Limestone
nmb33.5-20-22bcb	5,758.0	5,759.0	324PRDX	0.9	0.000000	Limestone
nmb33.5-20-22bcb	5,759.0	5,760.0	324PRDX	0.5	0.000000	Limestone
nmb33.5-20-22bcb	5,760.0	5,761.0	324PRDX	0.3	0.000000	Limestone
nmb33.5-20-22bcb	5,761.0	5,762.0	324PRDX	0.3	0.000000	Limestone
nmb33.5-20-22bcb	5,762.0	5,763.0	324PRDX	0.6	0.000000	Limestone
nmb33.5-20-22bcb	5,763.0	5,764.0	324PRDX	0.9	0.000000	Limestone
nmb33.5-20-22bcb	5,764.0	5,765.0	324PRDX	0.6	0.000000	Limestone
nmb33.5-20-22bcb	5,765.0	5,766.0	324PRDX	0.8	0.000000	Limestone
nmb33.5-20-22bcb	5,766.0	5,767.0	324PRDX	1.0	0.000000	Limestone
nmb33.5-20-22bcb	5,767.0	5,768.0	324PRDX	1.0	0.000000	Limestone
nmb33.5-20-22bcb	5,768.0	5,769.0	324PRDX	2.4	0.000000	Limestone
nmb33.5-20-22bcb	5,769.0	5,770.0	324PRDX	1.1	0.000000	Limestone
nmb33.5-20-22bcb	5,770.0	5,771.0	324PRDX	0.8	0.000000	Limestone
nmb33.5-20-22bcb	5,771.0	5,772.0	324PRDX	0.7	0.000000	Limestone
nmb33.5-20-22bcb	5,772.0	5,773.0	324PRDX	1.0	0.000000	Limestone
nmb33.5-20-22bcb	5,773.0	5,774.0	324PRDX	0.7	0.010000	Limestone
nmb33.5-20-22bcb	5,774.0	5,775.0	324PRDX	1.9	0.000000	Limestone
nmb33.5-20-22bcb	5,775.0	5,776.0	324PRDX	1.5	0.000000	Limestone
nmb33.5-20-22bcb	5,776.0	5,777.0	324PRDX	1.5	0.000000	Limestone
nmb33.5-20-22bcb	5,777.0	5,778.0	324PRDX	1.5	0.000000	Limestone
nmb33.5-20-22bcb	5,778.0	5,779.0	324PRDX	2.9	0.000000	Limestone
nmb33.5-20-22bcb	5,779.0	5,780.0	324PRDX	2.3	0.000000	Limestone
nmb33.5-20-22bcb	5,780.0	5,781.0	324PRDX	2.0	0.000000	Limestone
nmb33.5-20-22bcb	5,781.0	5,782.0	324PRDX	3.7	0.000000	Limestone
nmb33.5-20-22bcb	5,782.0	5,783.0	324PRDX	3.2	0.000000	Limestone

Table 4.--Laboratory-determined porosity and permeability--Continued

Site	Depth to top (feet)	Depth to bottom (feet)	Formation	Porosity (percent)	Permeability (millidarcies)	Lithology
nmb33.5-20-22bcb	5,783.0	5,784.0	324PRDX	2.8	0.000000	Limestone
nmb33.5-20-22bcb	5,784.0	5,785.0	324PRDX	2.6	0.000000	Limestone
			AVERAGE--	2.3	0.690291	
SITE AVERAGE-----				2.3	0.690291	
nmb34-20-03baa	5,562.0	5,563.0	324PRDX	3.2	0.300000	Shale and anhydrite
nmb34-20-03baa	5,563.0	5,565.0	324PRDX	1.2	0.000000	Shale, limestone, and anhydrite
nmb34-20-03baa	5,565.0	5,567.0	324PRDX	0.9	0.000000	Limestone
nmb34-20-03baa	5,567.0	5,569.0	324PRDX	3.7	0.000000	Limestone
nmb34-20-03baa	5,569.0	5,571.0	324PRDX	0.5	0.000000	Limestone
nmb34-20-03baa	5,571.0	5,573.0	324PRDX	0.5	0.000000	Limestone
nmb34-20-03baa	5,573.0	5,575.0	324PRDX	0.7	0.000000	Limestone
nmb34-20-03baa	5,575.0	5,577.0	324PRDX	1.0	0.000000	Limestone and limy shale
nmb34-20-03baa	5,577.0	5,579.0	324PRDX	0.6	0.000000	Limy shale
nmb34-20-03baa	5,579.0	5,581.0	324PRDX	6.2	0.000000	Dolomite and shaly dolomite
nmb34-20-03baa	5,581.0	5,583.0	324PRDX	5.8	0.000000	Shaly dolomite
nmb34-20-03baa	5,583.0	5,585.0	324PRDX	7.9	0.000000	Shaly dolomite
nmb34-20-03baa	5,585.0	5,587.0	324PRDX	6.1	0.000000	Shaly dolomite
nmb34-20-03baa	5,587.0	5,589.0	324PRDX	3.3	0.200000	Shaly dolomite
nmb34-20-03baa	5,589.0	5,590.0	324PRDX	4.6	0.200000	Shaly dolomite
nmb34-20-03baa	5,591.0	5,592.0	324PRDX	6.0	0.000000	Shaly limestone and dolomite
nmb34-20-03baa	5,593.0	5,594.0	324PRDX	5.6	0.000000	Shaly limestone and dolomite
nmb34-20-03baa	5,595.0	5,596.0	324PRDX	10.6	0.000000	Shaly limestone and dolomite
nmb34-20-03baa	5,597.0	5,598.0	324PRDX	6.5	0.000000	Shaly limestone and dolomite
nmb34-20-03baa	5,599.0	5,600.0	324PRDX	7.8	0.100000	Shaly limestone and dolomite
nmb34-20-03baa	5,601.0	5,602.0	324PRDX	0.5	0.000000	Limy shale and anhydrite
nmb34-20-03baa	5,603.0	5,604.0	324PRDX	1.6	0.000000	Shaly limestone
nmb34-20-03baa	5,605.0	5,606.0	324PRDX	0.6	0.000000	Shale and anhydrite
nmb34-20-03baa	5,607.0	5,608.0	324PRDX	0.5	0.000000	Limy shale
nmb34-20-03baa	5,609.0	5,610.0	324PRDX	1.1	0.000000	Limy shale
nmb34-20-03baa	5,611.0	5,612.0	324PRDX	1.7	0.000000	Limy shale
nmb34-20-03baa	5,613.0	5,614.0	324PRDX	0.5	0.000000	Limy shale
nmb34-20-03baa	5,615.0	5,616.0	324PRDX	1.5	0.000000	Limy shale
nmb34-20-03baa	5,617.0	5,618.0	324PRDX	1.3	0.000000	Shaly limestone
nmb34-20-03baa	5,619.0	5,620.0	324PRDX	2.9	0.000000	Shaly limestone
nmb34-20-03baa	5,621.0	5,622.0	324PRDX	3.5	0.000000	Shaly limestone
nmb34-20-03baa	5,623.0	5,624.0	324PRDX	1.7	0.000000	Shaly limestone
nmb34-20-03baa	5,625.0	5,626.0	324PRDX	2.0	0.200000	Shaly limestone
nmb34-20-03baa	5,627.0	5,628.0	324PRDX	1.3	0.000000	Shaly limestone
nmb34-20-03baa	5,629.0	5,630.0	324PRDX	2.6	0.100000	Shaly limestone
nmb34-20-03baa	5,631.0	5,632.0	324PRDX	3.2	0.100000	Limestone
nmb34-20-03baa	5,633.0	5,634.0	324PRDX	6.3	0.000000	Limestone
nmb34-20-03baa	5,635.0	5,636.0	324PRDX	10.8	0.000000	Limestone
nmb34-20-03baa	5,637.0	5,638.0	324PRDX	18.7	4.300000	Shaly limestone
nmb34-20-03baa	5,638.0	5,639.5	324PRDX	19.0	0.400000	Shaly limestone
			AVERAGE--	4.1	0.147500	
SITE AVERAGE-----				4.1	0.147500	

Table 4.--Laboratory-determined porosity and permeability--Continued

Site	Depth to top (feet)	Depth to bottom (feet)	Formation	Porosity (percent)	Permeability (millidarcies)	Lithology
nmb35-20-15ccc	5,602.0	5,603.9	324PRDX	5.7	6.500000	Dolomite and limestone
nmb35-20-15ccc	5,603.9	5,606.0	324PRDX	4.1	0.800000	Dolomite and limestone
nmb35-20-15ccc	5,606.0	5,608.0	324PRDX	5.2	3.900000	Dolomite and limestone
nmb35-20-15ccc	5,608.0	5,609.9	324PRDX	8.4	1.100000	Dolomite and limestone
nmb35-20-15ccc	5,609.9	5,611.9	324PRDX	10.7	7.200000	Dolomite and limestone
nmb35-20-15ccc	5,611.9	5,613.5	324PRDX	11.4	2.400000	Dolomite and limestone
nmb35-20-15ccc	5,613.5	5,615.5	324PRDX	11.9	1.800000	Dolomite and limestone
nmb35-20-15ccc	5,615.5	5,617.3	324PRDX	12.2	2.100000	Dolomite and limestone
nmb35-20-15ccc	5,617.3	5,619.0	324PRDX	11.9	4.500000	Dolomite and limestone
nmb35-20-15ccc	5,619.0	5,620.9	324PRDX	8.4	0.300000	Dolomite and limestone
nmb35-20-15ccc	5,620.9	5,623.0	324PRDX	2.7	2.100000	Limestone and dolomite
nmb35-20-15ccc	5,625.0	5,626.0	324PRDX	7.2	1.000000	Dolomite
nmb35-20-15ccc	5,629.0	5,630.0	324PRDX	9.7	0.000000	Dolomite
nmb35-20-15ccc	5,631.0	5,632.0	324PRDX	9.5	0.100000	Dolomite
nmb35-20-15ccc	5,633.0	5,634.0	324PRDX	4.5	0.000000	Dolomite
nmb35-20-15ccc	5,635.0	5,637.0	324PRDX	3.9	0.100000	Dolomite
nmb35-20-15ccc	5,638.0	5,639.0	324PRDX	2.7	0.100000	Dolomite
nmb35-20-15ccc	5,643.0	5,645.0	324PRDX	4.1	0.300000	Limestone
nmb35-20-15ccc	5,645.0	5,647.0	324PRDX	5.5	1.100000	Limestone
nmb35-20-15ccc	5,647.0	5,648.7	324PRDX	5.0	2.200000	Limestone
nmb35-20-15ccc	5,648.7	5,650.3	324PRDX	5.8	3.600000	Limestone
nmb35-20-15ccc	5,650.3	5,652.3	324PRDX	2.0	1.400000	Limestone
nmb35-20-15ccc	5,652.3	5,654.2	324PRDX	3.1	1.800000	Limestone
nmb35-20-15ccc	5,654.2	5,656.0	324PRDX	4.4	4.300000	Limestone
nmb35-20-15ccc	5,656.0	5,658.0	324PRDX	5.2	7.400000	Limestone
nmb35-20-15ccc	5,658.0	5,660.0	324PRDX	6.5	5.700000	Limestone
nmb35-20-15ccc	5,660.0	5,662.0	324PRDX	5.7	3.000000	Limestone
nmb35-20-15ccc	5,662.0	5,663.8	324PRDX	5.1	9.500000	Limestone
nmb35-20-15ccc	5,663.8	5,665.5	324PRDX	5.6	21.000000	Limestone
nmb35-20-15ccc	5,665.5	5,667.2	324PRDX	5.0	4.000000	Limestone
nmb35-20-15ccc	5,667.2	5,669.3	324PRDX	5.3	6.500000	Limestone
nmb35-20-15ccc	5,669.3	5,671.3	324PRDX	5.3	0.800000	Limestone
nmb35-20-15ccc	5,671.3	5,673.3	324PRDX	8.5	6.000000	Limestone
nmb35-20-15ccc	5,673.3	5,675.1	324PRDX	6.2	4.000000	Limestone
nmb35-20-15ccc	5,675.1	5,677.0	324PRDX	5.5	0.500000	Dolomite
nmb35-20-15ccc	5,677.0	5,679.0	324PRDX	11.3	3.600000	Dolomite
nmb35-20-15ccc	5,679.0	5,680.4	324PRDX	8.9	0.300000	Dolomite
nmb35-20-15ccc	5,680.4	5,683.0	324PRDX	7.3	0.600000	Dolomite
nmb35-20-15ccc	5,683.0	5,685.0	324PRDX	8.5	8.300000	Dolomite
nmb35-20-15ccc	5,685.0	5,687.1	324PRDX	19.2	3.500000	Dolomite
nmb35-20-15ccc	5,687.1	5,688.8	324PRDX	21.9	7.600000	Dolomite
nmb35-20-15ccc	5,688.8	5,690.7	324PRDX	21.9	13.000000	Dolomite
nmb35-20-15ccc	5,690.7	5,693.0	324PRDX	22.2	8.500000	Dolomite
nmb35-20-15ccc	5,693.0	5,695.1	324PRDX	20.4	5.500000	Dolomite
nmb35-20-15ccc	5,695.1	5,697.0	324PRDX	16.9	0.000000	Dolomite
nmb35-20-15ccc	5,697.0	5,699.0	324PRDX	4.5	0.000000	Dolomite
			AVERAGE--	8.4	3.652174	
SITE AVERAGE-----				8.4	3.652174	

Table 4.--Laboratory-determined porosity and permeability--Continued

Site	Depth to top (feet)	Depth to bottom (feet)	Formation	Porosity (percent)	Permeability (millidarcies)	Lithology
nmb35-20-34ddd	5,493.0	5,494.0	324PRDX	12.6	1.100000	Sucrose dolomite
nmb35-20-34ddd	5,498.0	5,499.0	324PRDX	11.6	1.300000	Crystalline to sucrose dolomite
nmb35-20-34ddd	5,507.0	5,508.0	324PRDX	13.7	3.300000	Anhydritic, sucrose dolomite
nmb35-20-34ddd	5,512.0	5,513.0	324PRDX	12.0	4.800000	Anhydritic, sucrose to crystalline dolomite
nmb35-20-34ddd	5,517.0	5,518.0	324PRDX	2.1	0.060000	Vuggy, anhydritic, crystalline limestone
nmb35-20-34ddd	5,518.0	5,519.0	324PRDX	4.7	0.070000	Vuggy, anhydritic, crystalline limestone
nmb35-20-34ddd	5,519.0	5,520.0	324PRDX	2.1	1.100000	Vuggy, anhydritic, crystalline limestone
nmb35-20-34ddd	5,520.0	5,521.0	324PRDX	4.1	2.400000	Vuggy, anhydritic, crystalline limestone
nmb35-20-34ddd	5,521.0	5,522.0	324PRDX	1.6	0.060000	Vuggy, anhydritic, crystalline limestone
nmb35-20-34ddd	5,522.0	5,523.0	324PRDX	7.8	0.350000	Vuggy, anhydritic, crystalline limestone
nmb35-20-34ddd	5,523.0	5,524.0	324PRDX	4.7	0.790000	Vuggy, anhydritic, crystalline limestone
nmb35-20-34ddd	5,532.0	5,533.0	324PRDX	21.7	0.390000	Sucrose to earthy dolomite
nmb35-20-34ddd	5,534.0	5,535.0	324PRDX	10.0	0.020000	Sucrose to earthy dolomite
nmb35-20-34ddd	5,535.0	5,536.0	324PRDX	15.0	0.200000	Anhydritic, sucrose to earthy dolomite
nmb35-20-34ddd	5,536.0	5,537.0	324PRDX	17.8	0.330000	Anhydritic, sucrose to earthy dolomite
nmb35-20-34ddd	5,538.0	5,539.0	324PRDX	8.8	5.200000	Anhydritic, sucrose to earthy dolomite
nmb35-20-34ddd	5,539.0	5,540.0	324PRDX	6.4	0.280000	Anhydritic, sucrose to earthy dolomite
nmb35-20-34ddd	5,540.0	5,541.0	324PRDX	3.3	0.120000	Vuggy, anhydritic limestone
nmb35-20-34ddd	5,541.0	5,542.0	324PRDX	5.5	1.900000	Vuggy, anhydritic limestone
nmb35-20-34ddd	5,542.0	5,543.0	324PRDX	3.5	0.750000	Vuggy, anhydritic limestone
nmb35-20-34ddd	5,544.0	5,545.0	324PRDX	5.9	8.000000	Vuggy, anhydritic, dolomitic limestone
nmb35-20-34ddd	5,545.0	5,546.0	324PRDX	7.8	1.300000	Vuggy, anhydritic, dolomitic limestone
nmb35-20-34ddd	5,551.0	5,552.0	324PRDX	5.2	3.300000	Slightly vuggy, dolomitic limestone
nmb35-20-34ddd	5,552.0	5,553.0	324PRDX	9.8	4.400000	Vuggy, sucrose, dolomitic limestone
nmb35-20-34ddd	5,553.0	5,554.0	324PRDX	10.3	0.630000	Vuggy, anhydritic, sucrose, dolomitic limestone
nmb35-20-34ddd	5,554.0	5,555.0	324PRDX	11.6	43.000000	Vuggy, anhydritic, sucrose, dolomitic limestone
nmb35-20-34ddd	5,555.0	5,556.0	324PRDX	16.9	35.000000	Vuggy, sucrose, dolomitic limestone
nmb35-20-34ddd	5,556.0	5,557.0	324PRDX	18.0	39.000000	Vuggy, sucrose dolomite with limestone fragments
nmb35-20-34ddd	5,557.0	5,558.0	324PRDX	14.2	10.000000	Vuggy, anhydritic, sucrose dolomite
nmb35-20-34ddd	5,558.0	5,559.0	324PRDX	20.8	1.100000	Vuggy, anhydritic, sucrose dolomite
nmb35-20-34ddd	5,559.0	5,560.0	324PRDX	20.7	15.000000	Vuggy, anhydritic, sucrose dolomite
nmb35-20-34ddd	5,560.0	5,561.0	324PRDX	17.6	53.000000	Vuggy, anhydritic, sucrose dolomite
nmb35-20-34ddd	5,561.0	5,562.0	324PRDX	13.5	123.000000	Vuggy, anhydritic, sucrose dolomite
nmb35-20-34ddd	5,562.0	5,563.0	324PRDX	13.0	81.000000	Vuggy, sucrose, dolomitic limestone
nmb35-20-34ddd	5,563.0	5,564.0	324PRDX	16.1	84.000000	Vuggy, sucrose, dolomitic limestone
nmb35-20-34ddd	5,564.0	5,565.0	324PRDX	12.3	39.000000	Vuggy, sucrose, dolomitic limestone
nmb35-20-34ddd	5,565.0	5,566.0	324PRDX	15.9	4.800000	Vuggy, sucrose, dolomitic limestone
nmb35-20-34ddd	5,566.0	5,567.0	324PRDX	14.5	20.000000	Vuggy, sucrose, dolomitic limestone
nmb35-20-34ddd	5,567.0	5,568.0	324PRDX	10.2	4.800000	Vuggy, sucrose, dolomitic limestone
nmb35-20-34ddd	5,568.0	5,569.0	324PRDX	9.1	0.210000	Vuggy, sucrose, dolomitic limestone
nmb35-20-34ddd	5,569.0	5,570.0	324PRDX	22.6	15.000000	Anhydritic, sucrose to earthy dolomite
nmb35-20-34ddd	5,570.0	5,571.0	324PRDX	18.5	3.300000	Anhydritic, sucrose to earthy dolomite
nmb35-20-34ddd	5,571.0	5,572.0	324PRDX	19.1	9.200000	Anhydritic, sucrose to earthy dolomite
nmb35-20-34ddd	5,572.0	5,573.0	324PRDX	11.9	0.850000	Anhydritic, sucrose to earthy dolomite
nmb35-20-34ddd	5,573.0	5,574.0	324PRDX	5.7	0.100000	Shaly, anhydritic, dolomitic limestone
nmb35-20-34ddd	5,575.0	5,576.0	324PRDX	9.0	0.040000	Anhydritic, earthy to sucrose dolomite
nmb35-20-34ddd	5,577.0	5,578.0	324PRDX	9.6	0.010000	Anhydritic, earthy to sucrose dolomite
nmb35-20-34ddd	5,579.0	5,580.0	324PRDX	5.9	0.010000	Earthy, anhydritic dolomite
nmb35-20-34ddd	5,581.0	5,582.0	324PRDX	6.5	0.010000	Shaly dolomite
nmb35-20-34ddd	5,583.0	5,584.0	324PRDX	10.0	0.050000	Finely crystalline, dolomitic limestone
nmb35-20-34ddd	5,585.0	5,586.0	324PRDX	0.8	0.000000	Finely crystalline limestone



Table 4.--Laboratory-determined porosity and permeability--Continued

Site	Depth to top (feet)	Depth to bottom (feet)	Formation	Porosity (percent)	Permeability (millidarcies)	Lithology
nmb35-20-34ddd	5,587.0	5,588.0	324PRDX	0.4	0.000000	Crystalline limestone
nmb35-20-34ddd	5,589.0	5,590.0	324PRDX	0.9	0.000000	Crystalline limestone
nmb35-20-34ddd	5,591.0	5,592.0	324PRDX	0.8	0.000000	Crystalline limestone
nmb35-20-34ddd	5,594.0	5,595.0	324PRDX	0.5	0.000000	Crystalline limestone
nmb35-20-34ddd	5,596.0	5,597.0	324PRDX	3.9	5.400000	Vuggy limestone
nmb35-20-34ddd	5,597.0	5,598.0	324PRDX	7.9	123.000000	Vuggy limestone
nmb35-20-34ddd	5,598.0	5,599.0	324PRDX	11.1	489.000000	Vuggy limestone
nmb35-20-34ddd	5,599.0	5,600.0	324PRDX	6.9	7.700000	Vuggy limestone
nmb35-20-34ddd	5,600.0	5,601.0	324PRDX	7.6	4.200000	Vuggy limestone
nmb35-20-34ddd	5,601.0	5,602.0	324PRDX	8.8	23.000000	Vuggy limestone
nmb35-20-34ddd	5,602.0	5,603.0	324PRDX	4.3	1.600000	Vuggy limestone
nmb35-20-34ddd	5,603.0	5,604.0	324PRDX	2.6	6.300000	Slightly vuggy limestone
nmb35-20-34ddd	5,604.0	5,605.0	324PRDX	1.1	0.200000	Slightly vuggy, limestone conglomerate
nmb35-20-34ddd	5,606.0	5,607.0	324PRDX	2.4	0.170000	Slightly vuggy, limestone conglomerate
nmb35-20-34ddd	5,607.0	5,608.0	324PRDX	4.3	0.880000	Vuggy limestone conglomerate
nmb35-20-34ddd	5,608.0	5,609.0	324PRDX	4.2	0.220000	Slightly vuggy, limestone conglomerate
nmb35-20-34ddd	5,610.0	5,611.0	324PRDX	2.9	0.120000	Slightly vuggy, limestone conglomerate
nmb35-20-34ddd	5,612.0	5,613.0	324PRDX	3.6	0.220000	Vuggy limestone conglomerate
nmb35-20-34ddd	5,613.0	5,614.0	324PRDX	2.2	114.000000	Slightly vuggy, limestone conglomerate
nmb35-20-34ddd	5,614.0	5,615.0	324PRDX	8.4	0.000000	Finely crystalline, dolomitic limestone
nmb35-20-34ddd	5,615.0	5,616.0	324PRDX	8.7	0.540000	Earthy to finely crystalline limestone
nmb35-20-34ddd	5,616.0	5,617.0	324PRDX	10.0	0.060000	Earthy to finely crystalline, dolomitic limestone
nmb35-20-34ddd	5,617.0	5,618.0	324PRDX	13.9	1.500000	Anhydritic, earthy to crystalline, dolomitic limestone
nmb35-20-34ddd	5,618.0	5,619.0	324PRDX	17.0	2.200000	Sucrose to earthy dolomite
nmb35-20-34ddd	5,619.0	5,620.0	324PRDX	12.4	1.000000	Anhydritic, dolomitic limestone
nmb35-20-34ddd	5,620.0	5,621.0	324PRDX	11.9	1.800000	Anhydritic, dolomitic limestone
nmb35-20-34ddd	5,621.0	5,622.0	324PRDX	9.0	0.140000	Earthy dolomitic limestone
nmb35-20-34ddd	5,622.0	5,623.0	324PRDX	11.5	0.450000	Earthy dolomitic limestone
nmb35-20-34ddd	5,624.0	5,625.0	324PRDX	16.0	0.190000	Earthy dolomitic limestone
nmb35-20-34ddd	5,626.0	5,627.0	324PRDX	14.2	0.680000	Earthy dolomitic limestone
nmb35-20-34ddd	5,627.0	5,628.0	324PRDX	19.7	4.400000	Earthy dolomitic limestone
nmb35-20-34ddd	5,628.0	5,629.0	324PRDX	15.0	0.590000	Anhydritic, earthy, dolomitic limestone
nmb35-20-34ddd	5,629.0	5,630.0	324PRDX	13.3	1.800000	Anhydritic, earthy, dolomitic limestone
nmb35-20-34ddd	5,630.0	5,631.0	324PRDX	12.6	0.440000	Anhydritic, earthy, dolomitic limestone
nmb35-20-34ddd	5,631.0	5,632.0	324PRDX	7.6	0.080000	Earthy, dolomitic limestone
AVERAGE--				9.6	16.459419	
SITE AVERAGE-----				9.6	16.459419	
nmb36-17-13dcd	5,558.0	5,559.0	324PRDX	0.7	0.060000	Finely crystalline, dolomitic limestone
nmb36-17-13dcd	5,560.0	5,561.0	324PRDX	1.5	0.070000	Finely crystalline, dolomitic limestone
nmb36-17-13dcd	5,561.0	5,562.0	324PRDX	2.0	0.060000	Finely crystalline, dolomitic limestone
nmb36-17-13dcd	5,562.0	5,563.0	324PRDX	2.0	0.080000	Finely crystalline, dolomitic limestone
nmb36-17-13dcd	5,563.0	5,564.0	324PRDX	2.1	0.090000	Finely crystalline, dolomitic limestone
nmb36-17-13dcd	5,564.0	5,565.0	324PRDX	2.2	0.070000	Vuggy, finely crystalline, dolomitic limestone
nmb36-17-13dcd	5,565.0	5,566.0	324PRDX	9.0	8.500000	Vuggy, finely crystalline, limy dolomite
nmb36-17-13dcd	5,566.0	5,567.0	324PRDX	15.0	54.000000	Vuggy, finely crystalline, limy dolomite
nmb36-17-13dcd	5,567.0	5,568.0	324PRDX	21.5	151.000000	Vuggy, finely crystalline, limy dolomite
nmb36-17-13dcd	5,568.0	5,569.0	324PRDX	14.7	34.000000	Vuggy, finely crystalline, limy dolomite
nmb36-17-13dcd	5,569.0	5,570.0	324PRDX	6.3	5.000000	Vuggy, finely crystalline, limy dolomite
nmb36-17-13dcd	5,570.0	5,571.0	324PRDX	14.5	6.300000	Vuggy, finely crystalline, limy dolomite
nmb36-17-13dcd	5,571.0	5,572.0	324PRDX	13.4	3.100000	Vuggy, finely crystalline, limy dolomite
nmb36-17-13dcd	5,572.0	5,573.0	324PRDX	15.8	0.690000	Vuggy, finely crystalline, limy dolomite
nmb36-17-13dcd	5,573.0	5,574.0	324PRDX	16.6	54.000000	Vuggy, finely crystalline, limy dolomite

Table 4.--Laboratory-determined porosity and permeability--Continued

Site	Depth to top (feet)	Depth to bottom (feet)	Formation	Porosity (percent)	Permeability (millidarcies)	Lithology
nmb36-17-13dcd	5,574.0	5,575.0	324PRDX	14.8	23.000000	Vuggy, finely crystalline, limy dolomite
nmb36-17-13dcd	5,575.0	5,576.0	324PRDX	17.3	196.000000	Vuggy, finely crystalline, limy dolomite
nmb36-17-13dcd	5,576.0	5,577.0	324PRDX	16.1	90.000000	Vuggy, finely crystalline, limy dolomite
nmb36-17-13dcd	5,577.0	5,578.0	324PRDX	15.1	35.000000	Vuggy, finely crystalline, limy dolomite
nmb36-17-13dcd	5,578.0	5,579.0	324PRDX	12.5	1.700000	Vuggy, finely crystalline, limy dolomite
nmb36-17-13dcd	5,579.0	5,580.0	324PRDX	14.4	142.000000	Vuggy, finely crystalline, limy dolomite
nmb36-17-13dcd	5,582.0	5,583.0	324PRDX	13.8	3,460.000000	Vuggy, finely crystalline, limy dolomite
nmb36-17-13dcd	5,583.0	5,584.0	324PRDX	18.3	206.000000	Vuggy, finely crystalline, limy dolomite
nmb36-17-13dcd	5,584.0	5,585.0	324PRDX	17.0	346.000000	Vuggy, finely crystalline, limy dolomite
nmb36-17-13dcd	5,585.0	5,586.0	324PRDX	16.7	208.000000	Vuggy, finely crystalline, limy dolomite
nmb36-17-13dcd	5,587.0	5,588.0	324PRDX	12.3	2.800000	Vuggy, finely crystalline, limy dolomite
nmb36-17-13dcd	5,588.0	5,589.0	324PRDX	17.2	19.000000	Vuggy, finely crystalline, limy dolomite
nmb36-17-13dcd	5,589.0	5,590.0	324PRDX	14.9	23.000000	Vuggy, finely crystalline, limy dolomite
nmb36-17-13dcd	5,590.0	5,591.0	324PRDX	16.0	108.000000	Vuggy, finely crystalline, limy dolomite
nmb36-17-13dcd	5,591.0	5,592.0	324PRDX	15.0	128.000000	Vuggy, finely crystalline, limy dolomite
nmb36-17-13dcd	5,592.0	5,593.0	324PRDX	16.0	133.000000	Vuggy, finely crystalline, limy dolomite
nmb36-17-13dcd	5,593.0	5,594.0	324PRDX	18.8	175.000000	Vuggy, finely crystalline, limy dolomite
nmb36-17-13dcd	5,594.0	5,595.0	324PRDX	19.0	160.000000	Vuggy, finely crystalline, limy dolomite
nmb36-17-13dcd	5,595.0	5,596.0	324PRDX	17.1	49.000000	Vuggy, finely crystalline, limy dolomite
nmb36-17-13dcd	5,596.0	5,597.0	324PRDX	13.3	97.000000	Vuggy, finely crystalline, limy dolomite
nmb36-17-13dcd	5,597.0	5,598.0	324PRDX	14.5	79.000000	Vuggy, finely crystalline, limy dolomite
nmb36-17-13dcd	5,598.0	5,599.0	324PRDX	15.5	92.000000	Vuggy, finely crystalline, limy dolomite
nmb36-17-13dcd	5,599.0	5,600.0	324PRDX	15.9	207.000000	Vuggy, finely crystalline, limy dolomite
nmb36-17-13dcd	5,600.0	5,601.0	324PRDX	16.8	59.000000	Vuggy, finely crystalline, limy dolomite
nmb36-17-13dcd	5,601.0	5,602.0	324PRDX	16.3	41.000000	Vuggy, finely crystalline, limy dolomite
nmb36-17-13dcd	5,602.0	5,603.0	324PRDX	14.7	104.000000	Vuggy, finely crystalline, limy dolomite
nmb36-17-13dcd	5,603.0	5,604.0	324PRDX	15.3	5.300000	Vuggy, finely crystalline, limy dolomite
nmb36-17-13dcd	5,604.0	5,605.0	324PRDX	8.4	28.000000	Vuggy, finely crystalline, limy dolomite
nmb36-17-13dcd	5,605.0	5,606.0	324PRDX	8.8	9.000000	Vuggy, finely crystalline, limy dolomite
nmb36-17-13dcd	5,606.0	5,607.0	324PRDX	13.2	7.300000	Vuggy, finely crystalline, limy dolomite
nmb36-17-13dcd	5,607.0	5,608.0	324PRDX	7.9	3.800000	Vuggy, finely crystalline, limy dolomite
nmb36-17-13dcd	5,608.0	5,609.0	324PRDX	11.6	0.400000	Vuggy, finely crystalline, limy dolomite
nmb36-17-13dcd	5,609.0	5,610.0	324PRDX	10.3	1.500000	Vuggy, finely crystalline, limy dolomite
nmb36-17-13dcd	5,610.0	5,611.0	324PRDX	10.5	10.000000	Vuggy, finely crystalline, limy dolomite
nmb36-17-13dcd	5,611.0	5,612.0	324PRDX	12.9	21.000000	Vuggy, finely crystalline, limy dolomite
nmb36-17-13dcd	5,612.0	5,613.0	324PRDX	10.4	3.800000	Vuggy, finely crystalline, limy dolomite
nmb36-17-13dcd	5,613.0	5,614.0	324PRDX	11.0	394.000000	Vuggy, finely crystalline, limy dolomite
nmb36-17-13dcd	5,614.0	5,615.0	324PRDX	12.0	170.000000	Vuggy, finely crystalline, limy dolomite
nmb36-17-13dcd	5,615.0	5,616.0	324PRDX	9.9	5.800000	Vuggy, finely crystalline, limy dolomite
nmb36-17-13dcd	5,616.0	5,617.0	324PRDX	7.8	7.000000	Vuggy, finely crystalline, limy dolomite
nmb36-17-13dcd	5,618.0	5,619.0	324PRDX	14.1	205.000000	Vuggy, finely crystalline, limy dolomite
nmb36-17-13dcd	5,619.0	5,620.0	324PRDX	12.3	44.000000	Vuggy, finely crystalline, limy dolomite
nmb36-17-13dcd	5,620.0	5,621.0	324PRDX	11.6	167.000000	Vuggy, finely crystalline, limy dolomite
nmb36-17-13dcd	5,621.0	5,622.0	324PRDX	12.8	66.000000	Vuggy, finely crystalline, limy dolomite
nmb36-17-13dcd	5,622.0	5,623.0	324PRDX	5.4	194.000000	Vuggy, finely crystalline, limy dolomite
nmb36-17-13dcd	5,623.0	5,624.0	324PRDX	11.2	35.000000	Vuggy, finely crystalline, limy dolomite
nmb36-17-13dcd	5,624.0	5,625.0	324PRDX	8.1	39.000000	Vuggy, finely crystalline, limy dolomite
nmb36-17-13dcd	5,625.0	5,626.0	324PRDX	9.2	6.300000	Vuggy, finely crystalline, limy dolomite
nmb36-17-13dcd	5,626.0	5,627.0	324PRDX	9.0	200.000000	Vuggy, finely crystalline, limy dolomite
nmb36-17-13dcd	5,627.0	5,628.0	324PRDX	8.6	95.000000	Vuggy, finely crystalline, limy dolomite

Table 4.--Laboratory-determined porosity and permeability--Continued

Site	Depth to top (feet)	Depth to bottom (feet)	Formation	Porosity (percent)	Permeability (millidarcies)	Lithology
nmb36-17-13dcd	5,628.0	5,629.0	324PRDX	5.5	0.060000	Finely crystalline, dolomitic limestone
nmb36-17-13dcd	5,629.0	5,630.0	324PRDX	3.6	0.060000	Finely crystalline, dolomitic limestone
nmb36-17-13dcd	5,630.0	5,631.0	324PRDX	0.5	0.060000	Shaly, finely crystalline, dolomitic limestone
nmb36-17-13dcd	5,631.0	5,632.0	324PRDX	0.3	0.060000	Shaly, finely crystalline, dolomitic limestone
nmb36-17-13dcd	5,632.0	5,633.0	324PRDX	0.5	0.070000	Shaly, finely crystalline, dolomitic limestone
AVERAGE--				11.7	116.500417	
SITE AVERAGE-----				11.7	116.500417	
nmb36-17-23bac	2,298.0	2,299.0	317CTLR	6.7	0.050000	Shale
nmb36-17-23bac	2,299.0	2,300.0	317CTLR	17.8	232.000000	Medium- to coarse-grained, arkosic sandstone
nmb36-17-23bac	2,300.0	2,301.0	317CTLR	16.8	25.000000	Medium- to coarse-grained, arkosic sandstone
nmb36-17-23bac	2,301.0	2,302.0	317CTLR	12.1	21.000000	Medium- to coarse-grained, arkosic sandstone
nmb36-17-23bac	2,302.0	2,303.0	317CTLR	16.1	33.000000	Gravelly, medium- to coarse-grained sandstone
nmb36-17-23bac	2,303.0	2,304.0	317CTLR	13.8	11.000000	Gravelly, medium- to coarse-grained sandstone
nmb36-17-23bac	2,304.0	2,305.0	317CTLR	15.2	21.000000	Gravelly, medium- to coarse-grained sandstone
nmb36-17-23bac	2,305.0	2,306.0	317CTLR	14.9	13.000000	Gravelly, medium- to coarse-grained sandstone
nmb36-17-23bac	2,306.0	2,307.0	317CTLR	14.0	11.000000	Gravelly, medium- to coarse-grained sandstone
nmb36-17-23bac	2,307.0	2,308.0	317CTLR	13.8	6.500000	Gravelly, fine- to medium-grained sandstone
nmb36-17-23bac	2,308.0	2,309.0	317CTLR	13.7	11.000000	Gravelly, medium- to coarse-grained sandstone
nmb36-17-23bac	2,309.0	2,310.0	317CTLR	13.5	6.700000	Gravelly, medium- to coarse-grained sandstone
nmb36-17-23bac	2,310.0	2,311.0	317CTLR	11.8	1.800000	Sandstone
nmb36-17-23bac	2,311.0	2,312.0	317CTLR	13.6	4.500000	Sandstone
nmb36-17-23bac	2,312.0	2,313.0	317CTLR	13.2	2.900000	Sandstone
nmb36-17-23bac	2,313.0	2,314.0	317CTLR	12.9	1.500000	Sandstone
nmb36-17-23bac	2,314.0	2,315.0	317CTLR	8.5	3.100000	Sandstone and shale
AVERAGE--				13.4	23.826471	
SITE AVERAGE-----				13.4	23.826471	
nmb36-18-06ccc	5,395.0	5,396.0	324PRDX	9.2	0.020000	Limestone
nmb36-18-06ccc	5,396.0	5,397.0	324PRDX	14.3	0.060000	Limestone
nmb36-18-06ccc	5,397.0	5,398.0	324PRDX	14.8	0.900000	Limestone
nmb36-18-06ccc	5,398.0	5,399.0	324PRDX	6.2	0.020000	Limestone
nmb36-18-06ccc	5,399.0	5,400.0	324PRDX	8.4	0.020000	Limestone
nmb36-18-06ccc	5,400.0	5,401.0	324PRDX	3.3	0.000000	Limestone
nmb36-18-06ccc	5,401.0	5,402.0	324PRDX	5.2	0.030000	Limestone
nmb36-18-06ccc	5,402.0	5,403.0	324PRDX	9.3	0.000000	Limestone
nmb36-18-06ccc	5,403.0	5,404.0	324PRDX	11.2	0.250000	Limestone
nmb36-18-06ccc	5,404.0	5,405.0	324PRDX	10.9	0.190000	Limestone
nmb36-18-06ccc	5,405.0	5,406.0	324PRDX	6.6	0.040000	Limestone
nmb36-18-06ccc	5,406.0	5,407.0	324PRDX	7.7	0.340000	Limestone
nmb36-18-06ccc	5,407.0	5,408.0	324PRDX	10.1	0.120000	Limestone
nmb36-18-06ccc	5,408.0	5,409.0	324PRDX	8.9	1.900000	Limestone
nmb36-18-06ccc	5,409.0	5,410.0	324PRDX	9.4	0.140000	Limestone
nmb36-18-06ccc	5,410.0	5,411.0	324PRDX	5.0	0.000000	Limestone
nmb36-18-06ccc	5,411.0	5,412.0	324PRDX	5.1	0.020000	Limestone
nmb36-18-06ccc	5,412.0	5,413.0	324PRDX	3.0	0.000000	Limestone
nmb36-18-06ccc	5,413.0	5,414.0	324PRDX	8.2	0.020000	Limestone
nmb36-18-06ccc	5,414.0	5,415.0	324PRDX	4.7	0.000000	Limestone

Table 4.--Laboratory-determined porosity and permeability--Continued

Site	Depth to top (feet)	Depth to bottom (feet)	Formation	Porosity (percent)	Permeability (millidarcies)	Lithology
nmb36-18-06ccc	5,415.0	5,416.0	324PRDX	5.4	0.020000	Limestone
nmb36-18-06ccc	5,416.0	5,417.0	324PRDX	7.5	0.000000	Limestone
nmb36-18-06ccc	5,418.0	5,419.0	324PRDX	2.5	0.000000	Limestone
nmb36-18-06ccc	5,420.0	5,421.0	324PRDX	4.6	0.000000	Limestone
nmb36-18-06ccc	5,421.0	5,422.0	324PRDX	4.4	0.050000	Limestone
nmb36-18-06ccc	5,423.0	5,424.0	324PRDX	3.6	0.000000	Limestone
nmb36-18-06ccc	5,425.0	5,426.0	324PRDX	3.7	0.010000	Limestone
nmb36-18-06ccc	5,426.0	5,427.0	324PRDX	1.2	0.000000	Shaly limestone
nmb36-18-06ccc	5,431.0	5,432.0	324PRDX	4.7	0.010000	Anhydritic dolomite
nmb36-18-06ccc	5,432.0	5,433.0	324PRDX	4.7	0.000000	Anhydritic dolomite
nmb36-18-06ccc	5,433.0	5,434.0	324PRDX	6.2	0.010000	Anhydritic dolomite
nmb36-18-06ccc	5,434.0	5,435.0	324PRDX	2.4	0.000000	Anhydritic dolomite
nmb36-18-06ccc	5,443.0	5,444.0	324PRDX	1.4	0.000000	Limestone
nmb36-18-06ccc	5,445.0	5,446.0	324PRDX	0.7	0.000000	Limestone
nmb36-18-06ccc	5,448.0	5,449.0	324PRDX	1.0	0.020000	Limestone
nmb36-18-06ccc	5,450.0	5,451.0	324PRDX	1.2	0.010000	Limestone
nmb36-18-06ccc	5,452.0	5,453.0	324PRDX	1.2	0.000000	Limestone
nmb36-18-06ccc	5,454.0	5,455.0	324PRDX	1.7	0.000000	Limestone
nmb36-18-06ccc	5,456.0	5,457.0	324PRDX	1.1	0.000000	Limestone
nmb36-18-06ccc	5,458.0	5,459.0	324PRDX	0.5	0.000000	Limestone
nmb36-18-06ccc	5,460.0	5,461.0	324PRDX	1.4	0.000000	Limestone
nmb36-18-06ccc	5,462.0	5,463.0	324PRDX	1.4	0.000000	Limestone
nmb36-18-06ccc	5,464.0	5,465.0	324PRDX	1.3	0.000000	Limestone
nmb36-18-06ccc	5,466.0	5,467.0	324PRDX	1.2	0.040000	Limestone
nmb36-18-06ccc	5,467.0	5,468.0	324PRDX	1.2	0.000000	Limestone
nmb36-18-06ccc	5,584.0	5,585.0	324PRDX	2.5	0.000000	Dolomite
nmb36-18-06ccc	5,585.0	5,586.0	324PRDX	4.4	0.000000	Dolomite
nmb36-18-06ccc	5,586.0	5,587.0	324PRDX	3.1	0.000000	Dolomite
nmb36-18-06ccc	5,587.0	5,588.0	324PRDX	2.9	0.010000	Dolomite
nmb36-18-06ccc	5,588.0	5,589.0	324PRDX	3.5	0.000000	Dolomite
nmb36-18-06ccc	5,589.0	5,590.0	324PRDX	3.4	0.000000	Dolomite
nmb36-18-06ccc	5,590.0	5,591.0	324PRDX	5.9	0.000000	Dolomite
nmb36-18-06ccc	5,608.0	5,609.0	324PRDX	1.4	0.000000	Shaly dolomite
nmb36-18-06ccc	5,643.0	5,644.0	324PRDX	2.8	0.000000	Dolomite
nmb36-18-06ccc	5,644.0	5,645.0	324PRDX	2.8	0.000000	Dolomite
nmb36-18-06ccc	5,668.0	5,669.0	324PRDX	8.7	4.000000	Dolomite
nmb36-18-06ccc	5,669.0	5,670.0	324PRDX	13.4	1.100000	Dolomite
nmb36-18-06ccc	5,670.0	5,671.0	324PRDX	15.8	0.120000	Dolomite
nmb36-18-06ccc	5,671.0	5,672.0	324PRDX	13.1	4.700000	Dolomite
nmb36-18-06ccc	5,672.0	5,673.0	324PRDX	6.8	0.560000	Dolomite
nmb36-18-06ccc	5,673.0	5,674.0	324PRDX	10.1	0.030000	Limestone
nmb36-18-06ccc	5,674.0	5,675.0	324PRDX	11.2	0.600000	Limestone
nmb36-18-06ccc	5,675.0	5,676.0	324PRDX	9.8	19.000000	Limestone
nmb36-18-06ccc	5,676.0	5,677.0	324PRDX	0.9	0.600000	Limestone
nmb36-18-06ccc	5,677.0	5,678.0	324PRDX	5.8	0.030000	Limestone
nmb36-18-06ccc	5,678.0	5,679.0	324PRDX	8.6	0.260000	Limestone
nmb36-18-06ccc	5,679.0	5,680.0	324PRDX	8.5	0.750000	Limestone
nmb36-18-06ccc	5,680.0	5,681.0	324PRDX	4.8	1.000000	Limestone
nmb36-18-06ccc	5,681.0	5,682.0	324PRDX	5.1	0.290000	Limestone
nmb36-18-06ccc	5,682.0	5,683.0	324PRDX	10.1	0.800000	Limestone

Table 4.--Laboratory-determined porosity and permeability--Continued

Site	Depth to top (feet)	Depth to bottom (feet)	Formation	Porosity (percent)	Permeability (millidarcies)	Lithology
nmb36-18-06ccc	5,683.0	5,684.0	324PRDX	9.5	0.150000	Limestone
nmb36-18-06ccc	5,684.0	5,685.0	324PRDX	7.2	0.020000	Limestone
nmb36-18-06ccc	5,685.0	5,686.0	324PRDX	9.7	6.100000	Limestone
nmb36-18-06ccc	5,686.0	5,687.0	324PRDX	11.0	0.650000	Limestone
nmb36-18-06ccc	5,687.0	5,688.0	324PRDX	19.1	0.130000	Limestone
nmb36-18-06ccc	5,688.0	5,689.0	324PRDX	22.3	4.800000	Limestone
nmb36-18-06ccc	5,689.0	5,690.0	324PRDX	21.6	2.500000	Limestone
nmb36-18-06ccc	5,690.0	5,691.0	324PRDX	21.6	9.000000	Limestone
nmb36-18-06ccc	5,691.0	5,692.0	324PRDX	21.8	61.000000	Limestone
nmb36-18-06ccc	5,692.0	5,693.0	324PRDX	24.1	25.000000	Limestone
nmb36-18-06ccc	5,693.0	5,694.0	324PRDX	15.3	22.000000	Limestone
nmb36-18-06ccc	5,694.0	5,695.0	324PRDX	14.9	10.000000	Limestone
nmb36-18-06ccc	5,695.0	5,696.0	324PRDX	16.1	10.000000	Limestone
nmb36-18-06ccc	5,696.0	5,697.0	324PRDX	15.4	85.000000	Limestone
nmb36-18-06ccc	5,697.0	5,698.0	324PRDX	8.5	6.500000	Limestone
nmb36-18-06ccc	5,698.0	5,699.0	324PRDX	11.3	1.300000	Limestone
nmb36-18-06ccc	5,699.0	5,700.0	324PRDX	10.5	4.000000	Limestone
nmb36-18-06ccc	5,700.0	5,701.0	324PRDX	4.8	0.020000	Limestone
nmb36-18-06ccc	5,701.0	5,702.0	324PRDX	7.3	0.230000	Limestone
nmb36-18-06ccc	5,702.0	5,703.0	324PRDX	32.1	87.000000	Limestone
nmb36-18-06ccc	5,703.0	5,704.0	324PRDX	26.6	82.000000	Limestone
nmb36-18-06ccc	5,704.0	5,705.0	324PRDX	22.5	1.000000	Limestone
nmb36-18-06ccc	5,705.0	5,706.0	324PRDX	17.0	0.080000	Limestone
nmb36-18-06ccc	5,706.0	5,707.0	324PRDX	17.3	0.010000	Limestone
nmb36-18-06ccc	5,707.0	5,708.0	324PRDX	12.3	0.090000	Limestone
			AVERAGE--	8.3	4.807053	
SITE AVERAGE-----				8.3	4.807053	
nmb37-17-24cca	7,700.0	7,701.0	337LDVL	1.3	0.000000	Finely crystalline limestone
nmb37-17-24cca	7,702.0	7,703.0	337LDVL	0.9	0.000000	Finely crystalline limestone
nmb37-17-24cca	7,704.0	7,705.0	337LDVL	1.2	19.000000	Finely crystalline limestone
nmb37-17-24cca	7,706.0	7,707.0	337LDVL	1.1	0.000000	Finely crystalline limestone
nmb37-17-24cca	7,708.0	7,709.0	337LDVL	1.6	0.000000	Finely crystalline limestone
nmb37-17-24cca	7,710.0	7,711.0	337LDVL	1.1	0.000000	Finely crystalline limestone
nmb37-17-24cca	7,712.0	7,713.0	337LDVL	1.5	4.500000	Finely crystalline limestone
nmb37-17-24cca	7,714.0	7,715.0	337LDVL	1.3	1.900000	Finely crystalline limestone
nmb37-17-24cca	7,716.0	7,717.0	337LDVL	1.0	0.000000	Finely crystalline limestone
nmb37-17-24cca	7,718.0	7,719.0	337LDVL	1.4	0.000000	Anhydritic, finely crystalline limestone
nmb37-17-24cca	7,720.0	7,721.0	337LDVL	1.7	0.000000	Anhydritic, finely crystalline limestone
nmb37-17-24cca	7,722.0	7,723.0	337LDVL	1.3	0.000000	Finely crystalline limestone
nmb37-17-24cca	7,724.0	7,725.0	337LDVL	1.5	0.000000	Finely crystalline limestone
nmb37-17-24cca	7,726.0	7,727.0	337LDVL	0.9	0.000000	Shaly, finely crystalline limestone
nmb37-17-24cca	7,728.0	7,729.0	337LDVL	1.2	0.100000	Shaly, anhydritic, finely crystalline limestone
nmb37-17-24cca	7,729.0	7,730.0	337LDVL	1.2	12.000000	Shaly, anhydritic, finely crystalline limestone
nmb37-17-24cca	7,731.0	7,732.0	337LDVL	1.2	0.000000	Finely crystalline limestone
nmb37-17-24cca	7,733.0	7,734.0	337LDVL	1.1	0.100000	Finely crystalline limestone
nmb37-17-24cca	7,735.0	7,736.0	337LDVL	1.2	0.000000	Finely crystalline limestone
nmb37-17-24cca	7,737.0	7,738.0	337LDVL	1.6	0.000000	Finely crystalline limestone
nmb37-17-24cca	7,739.0	7,740.0	337LDVL	1.7	0.000000	Finely crystalline limestone
nmb37-17-24cca	7,741.0	7,742.0	337LDVL	0.9	0.000000	Finely crystalline limestone
nmb37-17-24cca	7,743.0	7,744.0	337LDVL	1.1	0.000000	Finely crystalline limestone
nmb37-17-24cca	7,745.0	7,746.0	337LDVL	1.3	2.100000	Finely crystalline limestone
nmb37-17-24cca	7,747.0	7,748.0	337LDVL	2.0	0.000000	Finely crystalline limestone

Table 4.--Laboratory-determined porosity and permeability--Continued

Site	Depth to top (feet)	Depth to bottom (feet)	Formation	Porosity (percent)	Permeability (millidarcies)	Lithology
nmb37-17-24cca	7,749.0	7,750.0	337LDVL	1.3	0.100000	Finely crystalline limestone
nmb37-17-24cca	7,751.0	7,752.0	337LDVL	1.0	0.000000	Finely crystalline limestone
nmb37-17-24cca	7,753.0	7,754.0	337LDVL	2.1	4.700000	Anhydritic, finely crystalline limestone
nmb37-17-24cca	7,755.0	7,756.0	337LDVL	3.9	0.000000	Anhydritic, finely crystalline limestone
nmb37-17-24cca	7,757.0	7,758.0	337LDVL	1.5	356.000000	Anhydritic, finely crystalline limestone
nmb37-17-24cca	7,759.0	7,760.0	337LDVL	1.6	0.000000	Finely crystalline limestone
nmb37-17-24cca	7,760.0	7,761.0	337LDVL	1.7	389.000000	Finely crystalline, algal limestone
nmb37-17-24cca	7,762.0	7,763.0	337LDVL	1.9	0.100000	Finely crystalline, algal limestone
nmb37-17-24cca	7,764.0	7,765.0	337LDVL	1.1	0.000000	Finely crystalline, algal limestone
nmb37-17-24cca	7,766.0	7,767.0	337LDVL	1.2	0.000000	Finely crystalline, algal limestone
nmb37-17-24cca	7,768.0	7,769.0	337LDVL	1.5	106.000000	Finely crystalline, algal limestone
nmb37-17-24cca	7,770.0	7,771.0	337LDVL	1.2	904.000000	Finely crystalline limestone
nmb37-17-24cca	7,772.0	7,773.0	337LDVL	1.1	0.000000	Finely crystalline limestone
nmb37-17-24cca	7,774.0	7,775.0	337LDVL	1.1	0.000000	Finely crystalline limestone
nmb37-17-24cca	7,776.0	7,777.0	337LDVL	1.7	0.000000	Finely crystalline, algal limestone
nmb37-17-24cca	7,778.0	7,779.0	337LDVL	1.5	0.000000	Finely crystalline, algal limestone
nmb37-17-24cca	7,780.0	7,781.0	337LDVL	1.4	0.000000	Finely crystalline, algal limestone
nmb37-17-24cca	7,782.0	7,783.0	337LDVL	1.0	0.000000	Finely crystalline, algal limestone
nmb37-17-24cca	7,784.0	7,785.0	337LDVL	6.4	0.200000	Finely crystalline dolomite
nmb37-17-24cca	7,785.0	7,786.0	337LDVL	10.0	5.900000	Shaly, limy dolomite
nmb37-17-24cca	7,786.0	7,787.0	337LDVL	6.3	0.600000	Shaly, limy dolomite
nmb37-17-24cca	7,787.0	7,788.0	337LDVL	9.6	0.200000	Shaly, limy dolomite
nmb37-17-24cca	7,788.0	7,789.0	337LDVL	9.7	0.100000	Shaly, limy dolomite
nmb37-17-24cca	7,789.0	7,790.0	337LDVL	9.4	0.100000	Finely crystalline dolomite
nmb37-17-24cca	7,790.0	7,791.0	337LDVL	7.5	3.700000	Finely crystalline dolomite
nmb37-17-24cca	7,791.0	7,792.0	337LDVL	13.2	1.100000	Finely crystalline dolomite
nmb37-17-24cca	7,792.0	7,793.0	337LDVL	11.1	15.000000	Finely crystalline dolomite
nmb37-17-24cca	7,793.0	7,794.0	337LDVL	7.8	2.500000	Finely crystalline dolomite
nmb37-17-24cca	7,794.0	7,795.0	337LDVL	7.0	0.000000	Finely crystalline dolomite
nmb37-17-24cca	7,796.0	7,797.0	337LDVL	1.7	0.000000	Finely crystalline, algal limestone
nmb37-17-24cca	7,798.0	7,799.0	337LDVL	1.6	86.000000	Finely crystalline, algal limestone
nmb37-17-24cca	7,800.0	7,801.0	337LDVL	2.0	0.000000	Finely crystalline, algal limestone
nmb37-17-24cca	7,801.0	7,802.0	337LDVL	1.8	20.000000	Finely crystalline, algal limestone
nmb37-17-24cca	7,802.0	7,803.0	337LDVL	1.5	0.000000	Finely crystalline, algal limestone
nmb37-17-24cca	7,803.0	7,804.0	337LDVL	1.8	134.000000	Finely crystalline, algal limestone
nmb37-17-24cca	7,804.0	7,805.0	337LDVL	1.7	0.100000	Finely crystalline limestone
nmb37-17-24cca	7,805.0	7,806.0	337LDVL	1.4	0.300000	Finely crystalline limestone
nmb37-17-24cca	7,806.0	7,807.0	337LDVL	1.4	940.000000	Finely crystalline limestone
nmb37-17-24cca	7,807.0	7,808.0	337LDVL	1.8	0.000000	Finely crystalline limestone
nmb37-17-24cca	7,809.0	7,810.0	337LDVL	1.0	0.000000	Finely crystalline limestone
nmb37-17-24cca	7,810.0	7,811.0	337LDVL	0.6	280.000000	Finely crystalline limestone
nmb37-17-24cca	7,811.0	7,812.0	337LDVL	0.8	0.000000	Finely crystalline limestone
nmb37-17-24cca	7,812.0	7,813.0	337LDVL	1.5	0.000000	Finely crystalline limestone
nmb37-17-24cca	7,813.0	7,814.0	337LDVL	1.2	0.000000	Finely crystalline limestone
nmb37-17-24cca	7,814.0	7,815.0	337LDVL	1.2	840.000000	Finely crystalline limestone
nmb37-17-24cca	7,816.0	7,817.0	337LDVL	1.3	0.100000	Finely crystalline limestone
nmb37-17-24cca	7,818.0	7,819.0	337LDVL	1.6	0.000000	Finely crystalline limestone
nmb37-17-24cca	7,820.0	7,821.0	337LDVL	1.3	0.000000	Finely crystalline limestone
nmb37-17-24cca	7,822.0	7,823.0	337LDVL	1.5	0.700000	Finely crystalline limestone
nmb37-17-24cca	7,824.0	7,825.0	337LDVL	10.6	0.300000	Finely crystalline dolomite

Table 4.--Laboratory-determined porosity and permeability--Continued

Site	Depth to top (feet)	Depth to bottom (feet)	Formation	Porosity (percent)	Permeability (millidarcies)	Lithology
nmb37-17-24cca	7,826.0	7,827.0	337LDVL	10.6	0.300000	Finely crystalline dolomite
nmb37-17-24cca	7,827.0	7,828.0	337LDVL	8.1	14.000000	Finely crystalline dolomite
nmb37-17-24cca	7,828.0	7,829.0	337LDVL	13.9	0.800000	Finely crystalline dolomite
nmb37-17-24cca	7,829.0	7,830.0	337LDVL	12.1	0.800000	Finely crystalline dolomite
nmb37-17-24cca	7,830.0	7,831.0	337LDVL	12.9	5.000000	Finely crystalline dolomite
nmb37-17-24cca	7,832.0	7,833.0	337LDVL	13.0	0.100000	Finely crystalline dolomite
nmb37-17-24cca	7,834.0	7,835.0	337LDVL	9.6	0.300000	Finely crystalline dolomite
nmb37-17-24cca	7,836.0	7,837.0	337LDVL	11.6	1.300000	Finely crystalline dolomite
nmb37-17-24cca	7,838.0	7,839.0	337LDVL	10.4	1.300000	Finely crystalline dolomite
nmb37-17-24cca	7,840.0	7,841.0	337LDVL	9.7	0.100000	Finely crystalline dolomite
nmb37-17-24cca	7,842.0	7,843.0	337LDVL	11.1	0.300000	Anhydritic, finely crystalline dolomite
nmb37-17-24cca	7,844.0	7,845.0	337LDVL	8.3	0.700000	Finely crystalline dolomite
nmb37-17-24cca	7,846.0	7,847.0	337LDVL	7.9	0.200000	Finely crystalline dolomite
nmb37-17-24cca	7,848.0	7,849.0	337LDVL	7.5	0.100000	Anhydritic, finely crystalline dolomite
nmb37-17-24cca	7,850.0	7,851.0	337LDVL	5.4	335.000000	Finely crystalline dolomite
nmb37-17-24cca	7,852.0	7,853.0	337LDVL	10.2	1.200000	Finely crystalline dolomite
nmb37-17-24cca	7,854.0	7,855.0	337LDVL	11.6	1.200000	Finely crystalline dolomite
nmb37-17-24cca	7,856.0	7,857.0	337LDVL	8.3	0.300000	Finely crystalline dolomite
nmb37-17-24cca	7,858.0	7,859.0	337LDVL	10.6	1.200000	Anhydritic, finely crystalline dolomite
nmb37-17-24cca	7,860.0	7,861.0	337LDVL	13.1	2.000000	Finely crystalline dolomite
nmb37-17-24cca	7,862.0	7,863.0	337LDVL	9.1	0.500000	Finely crystalline dolomite
nmb37-17-24cca	7,864.0	7,865.0	337LDVL	5.7	0.000000	Finely crystalline dolomite
nmb37-17-24cca	7,866.0	7,867.0	337LDVL	6.2	0.000000	Finely crystalline dolomite
nmb37-17-24cca	7,868.0	7,869.0	337LDVL	10.8	3.400000	Anhydritic, finely crystalline dolomite
nmb37-17-24cca	7,870.0	7,871.0	337LDVL	11.7	5.500000	Anhydritic, finely crystalline dolomite
nmb37-17-24cca	7,872.0	7,873.0	337LDVL	9.5	0.000000	Finely crystalline dolomite
nmb37-17-24cca	7,874.0	7,875.0	337LDVL	6.1	0.100000	Finely crystalline dolomite
nmb37-17-24cca	7,876.0	7,877.0	337LDVL	4.9	0.700000	Finely crystalline dolomite
nmb37-17-24cca	7,878.0	7,879.0	337LDVL	6.7	0.200000	Anhydritic, finely crystalline dolomite
nmb37-17-24cca	7,880.0	7,881.0	337LDVL	5.9	0.000000	Finely crystalline dolomite
nmb37-17-24cca	7,882.0	7,883.0	337LDVL	4.5	0.700000	Finely crystalline dolomite
nmb37-17-24cca	7,884.0	7,885.0	337LDVL	8.3	24.000000	Finely crystalline dolomite
nmb37-17-24cca	7,888.0	7,889.0	337LDVL	5.3	0.000000	Finely crystalline dolomite
nmb37-17-24cca	7,890.0	7,891.0	337LDVL	1.2	0.000000	Finely crystalline dolomite
nmb37-17-24cca	7,892.0	7,893.0	337LDVL	0.8	0.000000	Finely crystalline dolomite
nmb37-17-24cca	7,894.0	7,895.0	337LDVL	1.5	2.000000	Anhydritic, finely crystalline dolomite
nmb37-17-24cca	7,896.0	7,897.0	337LDVL	0.8	0.400000	Anhydritic, finely crystalline dolomite
nmb37-17-24cca	7,898.0	7,899.0	337LDVL	8.9	0.000000	Finely crystalline dolomite
nmb37-17-24cca	7,902.5	7,903.0	337LDVL	3.8	0.000000	Finely crystalline dolomite
nmb37-17-24cca	7,903.0	7,904.0	337LDVL	3.3	0.700000	Finely crystalline dolomite
nmb37-17-24cca	7,904.0	7,905.0	337LDVL	6.9	0.900000	Finely crystalline dolomite
nmb37-17-24cca	7,905.0	7,906.0	337LDVL	6.3	3.900000	Finely crystalline dolomite
nmb37-17-24cca	7,906.0	7,907.0	337LDVL	7.1	184.000000	Finely crystalline dolomite
nmb37-17-24cca	7,907.0	7,908.0	337LDVL	5.2	17.000000	Finely crystalline dolomite
nmb37-17-24cca	7,908.0	7,909.0	337LDVL	5.3	0.000000	Finely crystalline dolomite
nmb37-17-24cca	7,909.0	7,910.0	337LDVL	8.5	16.000000	Finely crystalline dolomite
nmb37-17-24cca	7,910.0	7,911.0	337LDVL	8.4	2.900000	Finely crystalline dolomite
nmb37-17-24cca	7,911.0	7,912.0	337LDVL	8.1	0.300000	Finely crystalline dolomite
nmb37-17-24cca	7,912.0	7,913.0	337LDVL	5.7	0.000000	Finely crystalline dolomite
nmb37-17-24cca	7,914.0	7,915.0	337LDVL	9.5	0.300000	Finely crystalline dolomite

Table 4.--Laboratory-determined porosity and permeability--Continued

Site	Depth to top (feet)	Depth to bottom (feet)	Forma- tion	Porosity (percent)	Perme- ability (milli- darcies)	Lithology		
nmb37-17-24cca	7,916.0	7,917.0	337LDVL	4.8	0.000000	Finely	crystalline	dolomite
nmb37-17-24cca	7,918.0	7,919.0	337LDVL	6.9	0.000000	Finely	crystalline	dolomite
nmb37-17-24cca	7,920.0	7,921.0	337LDVL	11.4	0.100000	Finely	crystalline	dolomite
nmb37-17-24cca	7,922.0	7,923.0	337LDVL	7.1	0.000000	Finely	crystalline	dolomite
nmb37-17-24cca	7,924.0	7,925.0	337LDVL	8.3	0.000000	Finely	crystalline	dolomite
nmb37-17-24cca	7,926.0	7,927.0	337LDVL	2.2	0.000000	Finely	crystalline	dolomite
nmb37-17-24cca	7,927.0	7,928.0	337LDVL	5.3	7.300000	Finely	crystalline	dolomite
nmb37-17-24cca	7,928.0	7,929.0	337LDVL	3.0	0.000000	Finely	crystalline	dolomite
nmb37-17-24cca	7,929.0	7,930.0	337LDVL	3.1	0.100000	Finely	crystalline	dolomite
nmb37-17-24cca	7,930.0	7,931.0	337LDVL	3.1	0.000000	Finely	crystalline	dolomite
nmb37-17-24cca	7,931.0	7,932.0	337LDVL	2.4	1.600000	Finely	crystalline	dolomite
nmb37-17-24cca	7,933.0	7,934.0	337LDVL	2.7	0.100000	Finely	crystalline	dolomite
nmb37-17-24cca	7,935.0	7,936.0	337LDVL	8.6	0.000000	Finely	crystalline	dolomite
nmb37-17-24cca	7,937.0	7,938.0	337LDVL	0.5	0.000000	Finely	crystalline	dolomite
nmb37-17-24cca	7,939.0	7,940.0	337LDVL	9.4	0.000000	Finely	crystalline	dolomite
nmb37-17-24cca	7,941.0	7,942.0	337LDVL	6.2	0.000000	Finely	crystalline	dolomite
nmb37-17-24cca	7,943.0	7,944.0	337LDVL	3.1	0.000000	Finely	crystalline	dolomite
nmb37-17-24cca	7,944.0	7,945.0	337LDVL	1.6	8.300000	Finely	crystalline	dolomite
nmb37-17-24cca	7,945.0	7,946.0	337LDVL	5.0	0.100000	Finely	crystalline	dolomite
nmb37-17-24cca	7,946.0	7,947.0	337LDVL	16.0	0.500000	Finely	crystalline	dolomite
nmb37-17-24cca	7,947.0	7,948.0	337LDVL	4.4	0.000000	Finely	crystalline	dolomite
nmb37-17-24cca	7,948.0	7,949.0	337LDVL	0.7	0.000000	Finely	crystalline	limestone
nmb37-17-24cca	7,949.0	7,950.0	337LDVL	2.2	0.000000	Finely	crystalline	limestone
nmb37-17-24cca	7,950.0	7,951.0	337LDVL	2.0	0.000000	Finely	crystalline	dolomite
nmb37-17-24cca	7,951.0	7,952.0	337LDVL	1.1	0.000000	Finely	crystalline	dolomite
nmb37-17-24cca	7,952.0	7,953.0	337LDVL	1.4	0.200000	Finely	crystalline	limestone
nmb37-17-24cca	7,953.0	7,954.0	337LDVL	1.3	4.700000	Finely	crystalline	limestone
nmb37-17-24cca	7,954.0	7,955.0	337LDVL	0.6	0.200000	Finely	crystalline	limestone
nmb37-17-24cca	7,955.0	7,956.0	337LDVL	1.4	8.200000	Finely	crystalline	limestone
nmb37-17-24cca	7,956.0	7,957.0	337LDVL	1.5	0.000000	Finely	crystalline	limestone
nmb37-17-24cca	7,957.0	7,958.0	337LDVL	0.9	0.000000	Finely	crystalline	limestone
nmb37-17-24cca	7,958.0	7,959.0	337LDVL	0.8	0.000000	Finely	crystalline	limestone
nmb37-17-24cca	7,959.0	7,960.0	337LDVL	1.4	0.000000	Finely	crystalline	limestone
nmb37-17-24cca	7,960.0	7,961.0	337LDVL	1.0	0.000000	Finely	crystalline	limestone
nmb37-17-24cca	7,961.0	7,962.0	337LDVL	1.5	0.100000	Finely	crystalline	limestone
nmb37-17-24cca	7,962.0	7,963.0	337LDVL	1.1	1.400000	Finely	crystalline	limestone
nmb37-17-24cca	7,963.0	7,964.0	337LDVL	0.8	0.800000	Finely	crystalline	limestone
nmb37-17-24cca	7,964.0	7,965.0	337LDVL	1.9	5.900000	Finely	crystalline	limestone
nmb37-17-24cca	7,965.0	7,966.0	337LDVL	2.1	20.000000	Finely	crystalline	limestone
nmb37-17-24cca	7,966.0	7,967.0	337LDVL	1.7	4.000000	Finely	crystalline	limestone
nmb37-17-24cca	7,967.0	7,968.0	337LDVL	1.1	0.000000	Finely	crystalline	limestone
nmb37-17-24cca	7,969.0	7,970.0	337LDVL	3.3	0.000000	Finely	crystalline	dolomite
nmb37-17-24cca	7,971.0	7,972.0	337LDVL	2.3	0.000000	Finely	crystalline	dolomite
nmb37-17-24cca	7,973.0	7,974.0	337LDVL	1.9	0.000000	Finely	crystalline	dolomite
AVERAGE--				4.4	28.543195			
SITE AVERAGE-----				4.4	28.543195			



Table 4.--Laboratory-determined porosity and permeability--Continued

Site	Depth to top (feet)	Depth to bottom (feet)	Formation	Porosity (percent)	Permeability (millidarcies)	Lithology
nmb37-20-11dbc	5,530.0	5,531.8	324PRDX	6.7	1.200000	Limestone
nmb37-20-11dbc	5,531.8	5,533.2	324PRDX	9.5	46.000000	Limestone
nmb37-20-11dbc	5,533.2	5,535.1	324PRDX	10.9	16.000000	Limestone
nmb37-20-11dbc	5,535.1	5,536.0	324PRDX	7.6	2.200000	Limestone
nmb37-20-11dbc	5,536.0	5,537.5	324PRDX	6.6	5.200000	Limestone
nmb37-20-11dbc	5,537.5	5,539.2	324PRDX	10.8	37.000000	Limestone
nmb37-20-11dbc	5,539.2	5,541.2	324PRDX	8.2	2.900000	Limestone
nmb37-20-11dbc	5,541.2	5,543.0	324PRDX	9.8	20.000000	Limestone
nmb37-20-11dbc	5,543.0	5,544.9	324PRDX	9.5	48.000000	Limestone
nmb37-20-11dbc	5,544.9	5,546.2	324PRDX	6.8	0.000000	Limestone
nmb37-20-11dbc	5,546.2	5,547.5	324PRDX	6.4	0.000000	Limestone
AVERAGE--				8.4	16.227273	
SITE AVERAGE-----				8.4	16.227273	
nmb37-20-24ddd	5,822.0	5,823.0	321HKTL	4.3	0.080000	Limestone
nmb37-20-24ddd	5,823.0	5,824.0	321HKTL	8.4	0.270000	Limestone
nmb37-20-24ddd	5,830.0	5,831.0	321HKTL	10.0	0.280000	Limestone
nmb37-20-24ddd	5,831.0	5,832.0	321HKTL	6.1	0.080000	Limestone
nmb37-20-24ddd	5,838.0	5,839.0	321HKTL	14.0	0.900000	Dolomite
nmb37-20-24ddd	5,839.0	5,840.0	321HKTL	11.3	0.190000	Dolomite
nmb37-20-24ddd	5,842.0	5,843.0	321HKTL	8.1	0.020000	Limestone
nmb37-20-24ddd	5,848.0	5,849.0	321HKTL	1.8	0.020000	Limestone
nmb37-20-24ddd	5,855.0	5,856.0	321HKTL	1.2	0.080000	Limestone
nmb37-20-24ddd	5,860.0	5,861.0	321HKTL	2.5	0.020000	Limestone
nmb37-20-24ddd	5,864.0	5,865.0	321HKTL	1.0	0.020000	Limestone
nmb37-20-24ddd	5,869.0	5,870.0	321HKTL	2.0	0.010000	Limestone
AVERAGE--				5.9	0.164167	
nmb37-20-24ddd	6,065.0	6,066.0	324PRDX	17.5	0.100000	Limestone
nmb37-20-24ddd	6,066.0	6,067.0	324PRDX	6.8	0.040000	Limestone
nmb37-20-24ddd	6,067.0	6,068.0	324PRDX	5.0	0.010000	Limestone
nmb37-20-24ddd	6,068.0	6,069.0	324PRDX	7.0	0.000000	Limestone
nmb37-20-24ddd	6,069.0	6,070.0	324PRDX	7.7	0.000000	Limestone
nmb37-20-24ddd	6,070.0	6,071.0	324PRDX	3.3	0.290000	Limestone
nmb37-20-24ddd	6,071.0	6,072.0	324PRDX	13.6	13.000000	Limestone
nmb37-20-24ddd	6,072.0	6,073.0	324PRDX	8.0	21.000000	Limestone
nmb37-20-24ddd	6,073.0	6,074.0	324PRDX	7.3	87.000000	Limestone
nmb37-20-24ddd	6,074.0	6,075.0	324PRDX	13.1	331.000000	Limestone
nmb37-20-24ddd	6,075.0	6,076.0	324PRDX	6.7	3.200000	Limestone
nmb37-20-24ddd	6,076.0	6,077.0	324PRDX	10.0	7.400000	Limestone
AVERAGE--				8.8	38.586667	
SITE AVERAGE-----				7.4	19.375417	
nmb38-15-20ccb	2,888.0	2,889.0	317CTLR	10.8	9.000000	Friable arkosic sandstone
nmb38-15-20ccb	2,889.0	2,890.0	317CTLR	11.0	3.000000	Friable arkosic sandstone
nmb38-15-20ccb	2,890.0	2,891.0	317CTLR	12.8	5.600000	Friable arkosic sandstone
nmb38-15-20ccb	2,891.0	2,892.0	317CTLR	13.2	2.500000	Friable arkosic sandstone
nmb38-15-20ccb	2,892.0	2,893.0	317CTLR	15.1	4.400000	Friable arkosic sandstone
nmb38-15-20ccb	2,893.0	2,894.0	317CTLR	12.8	1.900000	Friable arkosic sandstone
nmb38-15-20ccb	2,894.0	2,895.0	317CTLR	11.6	1.200000	Friable arkosic sandstone
nmb38-15-20ccb	2,895.0	2,896.0	317CTLR	12.1	1.000000	Friable arkosic sandstone
nmb38-15-20ccb	2,896.0	2,897.0	317CTLR	5.8	0.000000	Friable arkosic sandstone
nmb38-15-20ccb	2,897.0	2,898.0	317CTLR	10.3	0.700000	Friable arkosic sandstone

Table 4.--Laboratory-determined porosity and permeability--Continued

Site	Depth to top (feet)	Depth to bottom (feet)	Formation	Porosity (percent)	Permeability (millidarcies)	Lithology
nmb38-15-20ccb	2,898.0	2,899.0	317CTLR	9.6	0.000000	Claystone
nmb38-15-20ccb	2,899.0	2,900.0	317CTLR	6.9	0.000000	Claystone
nmb38-15-20ccb	3,205.0	3,206.0	317CTLR	7.7	1.900000	Coarse-grained arkosic sandstone
nmb38-15-20ccb	3,206.0	3,207.0	317CTLR	17.3	63.000000	Coarse-grained arkosic sandstone
nmb38-15-20ccb	3,207.0	3,208.0	317CTLR	17.3	69.000000	Coarse-grained arkosic sandstone
nmb38-15-20ccb	3,208.0	3,209.0	317CTLR	16.6	63.000000	Coarse-grained arkosic sandstone
nmb38-15-20ccb	3,209.0	3,210.0	317CTLR	14.2	16.000000	Conglomeratic arkosic sandstone
nmb38-15-20ccb	3,210.0	3,211.0	317CTLR	14.9	23.000000	Conglomeratic arkosic sandstone
nmb38-15-20ccb	3,211.0	3,212.0	317CTLR	13.3	4.400000	Conglomeratic arkosic sandstone
nmb38-15-20ccb	3,212.0	3,213.0	317CTLR	12.0	0.000000	Conglomeratic arkosic sandstone
nmb38-15-20ccb	3,213.0	3,214.0	317CTLR	18.9	45.000000	Conglomeratic arkosic sandstone
nmb38-15-20ccb	3,214.0	3,215.0	317CTLR	11.0	0.000000	Conglomeratic arkosic sandstone
nmb38-15-20ccb	3,215.0	3,216.0	317CTLR	9.2	0.000000	Conglomeratic arkosic sandstone
nmb38-15-20ccb	3,216.0	3,217.0	317CTLR	13.7	6.100000	Conglomeratic arkosic sandstone
nmb38-15-20ccb	3,217.0	3,218.0	317CTLR	10.5	0.000000	Conglomeratic arkosic sandstone
nmb38-15-20ccb	3,218.0	3,219.0	317CTLR	9.7	0.600000	Conglomeratic arkosic sandstone
nmb38-15-20ccb	3,219.0	3,220.0	317CTLR	14.8	15.000000	Conglomeratic arkosic sandstone
nmb38-15-20ccb	3,220.0	3,221.0	317CTLR	12.9	0.500000	Conglomeratic arkosic sandstone
nmb38-15-20ccb	3,221.0	3,222.0	317CTLR	11.9	0.700000	Conglomeratic arkosic sandstone
			AVERAGE--	12.3	11.637931	
nmb38-15-20ccb	5,744.0	5,745.0	324PRDX	2.7	0.000000	Cherty limestone
nmb38-15-20ccb	5,745.0	5,746.0	324PRDX	2.5	0.000000	Cherty limestone
nmb38-15-20ccb	5,746.0	5,747.0	324PRDX	3.5	0.000000	Cherty limestone
nmb38-15-20ccb	5,747.0	5,748.0	324PRDX	2.9	0.000000	Cherty limestone
nmb38-15-20ccb	5,748.0	5,749.0	324PRDX	2.9	0.000000	Cherty limestone
nmb38-15-20ccb	5,749.0	5,750.0	324PRDX	3.7	0.000000	Cherty limestone
nmb38-15-20ccb	5,750.0	5,751.0	324PRDX	3.1	0.000000	Cherty limestone
nmb38-15-20ccb	5,751.0	5,752.0	324PRDX	3.6	0.000000	Cherty limestone
nmb38-15-20ccb	5,752.0	5,753.0	324PRDX	3.0	0.000000	Cherty limestone
			AVERAGE--	3.1	0.000000	
nmb38-15-20ccb	7,408.0	7,409.0	337LDVL	1.8	0.000000	Coquina limestone
nmb38-15-20ccb	7,409.0	7,410.0	337LDVL	3.0	0.000000	Coquina limestone
nmb38-15-20ccb	7,410.0	7,411.0	337LDVL	2.1	0.500000	Coquina limestone
nmb38-15-20ccb	7,411.0	7,412.0	337LDVL	1.7	0.400000	Coquina limestone
nmb38-15-20ccb	7,412.0	7,413.0	337LDVL	1.2	0.600000	Coquina limestone
nmb38-15-20ccb	7,413.0	7,414.0	337LDVL	1.7	0.000000	Coquina limestone
nmb38-15-20ccb	7,414.0	7,415.0	337LDVL	1.0	0.500000	Coquina limestone
nmb38-15-20ccb	7,415.0	7,416.0	337LDVL	2.4	0.000000	Coquina limestone
nmb38-15-20ccb	7,416.0	7,417.0	337LDVL	1.0	0.000000	Coquina limestone
nmb38-15-20ccb	7,417.0	7,418.0	337LDVL	2.3	0.000000	Coquina limestone
nmb38-15-20ccb	7,418.0	7,419.0	337LDVL	1.0	0.000000	Coquina limestone
nmb38-15-20ccb	7,419.0	7,420.0	337LDVL	1.2	0.000000	Coquina limestone
nmb38-15-20ccb	7,420.0	7,421.0	337LDVL	1.5	0.400000	Coquina limestone
nmb38-15-20ccb	7,421.0	7,422.0	337LDVL	2.5	0.000000	Coquina limestone
nmb38-15-20ccb	7,422.0	7,423.0	337LDVL	1.6	0.000000	Coquina limestone
nmb38-15-20ccb	7,423.0	7,424.0	337LDVL	2.5	0.000000	Coquina limestone
nmb38-15-20ccb	7,424.0	7,425.0	337LDVL	1.6	0.000000	Coquina limestone
nmb38-15-20ccb	7,425.0	7,426.0	337LDVL	1.2	0.000000	Coquina limestone
nmb38-15-20ccb	7,426.0	7,427.0	337LDVL	2.7	0.000000	Coquina limestone
nmb38-15-20ccb	7,427.0	7,428.0	337LDVL	1.7	1.400000	Coquina limestone

Table 4.--Laboratory-determined porosity and permeability--Continued

Site	Depth to top (feet)	Depth to bottom (feet)	Formation	Porosity (percent)	Permeability (millidarcies)	Lithology
nmb38-15-20ccb	7,428.0	7,429.0	337LDVL	3.8	1.500000	Coquina limestone
nmb38-15-20ccb	7,429.0	7,430.0	337LDVL	3.1	1.200000	Coquina limestone
nmb38-15-20ccb	7,430.0	7,431.0	337LDVL	4.0	2.500000	Coquina limestone
nmb38-15-20ccb	7,431.0	7,432.0	337LDVL	2.5	2.100000	Coquina limestone
nmb38-15-20ccb	7,432.0	7,433.0	337LDVL	2.7	3.000000	Coquina limestone
nmb38-15-20ccb	7,433.0	7,434.0	337LDVL	4.7	1.500000	Coquina limestone
nmb38-15-20ccb	7,434.0	7,435.0	337LDVL	3.3	0.700000	Coquina limestone
nmb38-15-20ccb	7,435.0	7,436.0	337LDVL	2.0	1.000000	Coquina limestone
nmb38-15-20ccb	7,436.0	7,437.0	337LDVL	2.1	1.600000	Coquina limestone
nmb38-15-20ccb	7,437.0	7,438.0	337LDVL	2.8	1.200000	Coquina limestone
nmb38-15-20ccb	7,438.0	7,439.0	337LDVL	3.5	0.500000	Coquina limestone
nmb38-15-20ccb	7,439.0	7,440.0	337LDVL	3.6	1.400000	Coquina limestone
nmb38-15-20ccb	7,440.0	7,441.0	337LDVL	4.5	1.900000	Coquina limestone
nmb38-15-20ccb	7,441.0	7,442.0	337LDVL	3.1	2.400000	Coquina limestone
nmb38-15-20ccb	7,442.0	7,443.0	337LDVL	3.8	3.100000	Coquina limestone
nmb38-15-20ccb	7,443.0	7,444.0	337LDVL	2.9	1.600000	Coquina limestone
nmb38-15-20ccb	7,444.0	7,445.0	337LDVL	3.1	1.700000	Coquina limestone
nmb38-15-20ccb	7,445.0	7,446.0	337LDVL	5.1	1.100000	Coquina limestone
nmb38-15-20ccb	7,446.0	7,447.0	337LDVL	2.8	1.100000	Coquina limestone
nmb38-15-20ccb	7,447.0	7,448.0	337LDVL	2.7	2.700000	Coquina limestone
nmb38-15-20ccb	7,448.0	7,449.0	337LDVL	3.5	1.000000	Coquina limestone
nmb38-15-20ccb	7,449.0	7,450.0	337LDVL	2.3	1.300000	Coquina limestone
nmb38-15-20ccb	7,450.0	7,451.0	337LDVL	2.7	0.000000	Coquina limestone
nmb38-15-20ccb	7,451.0	7,452.0	337LDVL	1.7	0.900000	Coquina limestone
nmb38-15-20ccb	7,452.0	7,453.0	337LDVL	2.3	0.400000	Coquina limestone
nmb38-15-20ccb	7,453.0	7,454.0	337LDVL	1.7	0.000000	Coquina limestone
nmb38-15-20ccb	7,454.0	7,455.0	337LDVL	3.1	0.000000	Coquina limestone
nmb38-15-20ccb	7,455.0	7,456.0	337LDVL	4.9	0.000000	Coquina limestone
nmb38-15-20ccb	7,456.0	7,457.0	337LDVL	3.0	0.000000	Coquina limestone
nmb38-15-20ccb	7,457.0	7,458.0	337LDVL	3.1	0.000000	Coquina limestone
nmb38-15-20ccb	7,458.0	7,459.0	337LDVL	3.6	0.000000	Coquina limestone
nmb38-15-20ccb	7,459.0	7,460.0	337LDVL	2.0	0.000000	Coquina limestone
nmb38-15-20ccb	7,460.0	7,461.0	337LDVL	2.5	0.000000	Coquina limestone
nmb38-15-20ccb	7,461.0	7,462.0	337LDVL	3.1	0.000000	Coquina limestone
nmb38-15-20ccb	7,462.0	7,463.0	337LDVL	1.2	0.000000	Coquina limestone
nmb38-15-20ccb	7,463.0	7,464.0	337LDVL	2.2	0.000000	Coquina limestone
nmb38-15-20ccb	7,464.0	7,465.0	337LDVL	3.1	0.000000	Coquina limestone
nmb38-15-20ccb	7,465.0	7,466.0	337LDVL	2.6	0.000000	Coquina limestone
nmb38-15-20ccb	7,466.0	7,467.0	337LDVL	1.6	0.000000	Coquina limestone
nmb38-15-20ccb	7,467.0	7,468.0	337LDVL	3.3	0.700000	Coquina limestone
nmb38-15-20ccb	7,468.0	7,469.0	337LDVL	2.9	0.000000	Coquina limestone
nmb38-15-20ccb	7,469.0	7,470.0	337LDVL	1.7	0.400000	Coquina limestone
nmb38-15-20ccb	7,470.0	7,471.0	337LDVL	3.9	0.000000	Coquina limestone
nmb38-15-20ccb	7,471.0	7,472.0	337LDVL	3.1	0.000000	Coquina limestone
nmb38-15-20ccb	7,472.0	7,473.0	337LDVL	2.8	0.000000	Coquina limestone

Table 4.--Laboratory-determined porosity and permeability--Continued

Site	Depth to top (feet)	Depth to bottom (feet)	Formation	Porosity (percent)	Permeability (millidarcies)	Lithology
nmb38-15-20ccb	7,473.0	7,474.0	337LDVL	3.4	0.000000	Coquina limestone
nmb38-15-20ccb	7,474.0	7,475.0	337LDVL	2.6	0.000000	Coquina limestone
nmb38-15-20ccb	7,475.0	7,476.0	337LDVL	2.9	0.400000	Coquina limestone
nmb38-15-20ccb	7,476.0	7,477.0	337LDVL	2.7	0.000000	Coquina limestone
nmb38-15-20ccb	7,477.0	7,478.0	337LDVL	2.7	0.700000	Coquina limestone
nmb38-15-20ccb	7,478.0	7,479.0	337LDVL	2.1	0.400000	Coquina limestone
nmb38-15-20ccb	7,479.0	7,480.0	337LDVL	2.5	0.000000	Coquina limestone
nmb38-15-20ccb	7,481.0	7,482.0	337LDVL	2.1	0.400000	Coquina limestone
nmb38-15-20ccb	7,482.0	7,483.0	337LDVL	2.9	0.000000	Coquina limestone
nmb38-15-20ccb	7,483.0	7,484.0	337LDVL	2.9	0.000000	Coquina limestone
nmb38-15-20ccb	7,484.0	7,485.0	337LDVL	3.5	0.700000	Coquina limestone
nmb38-15-20ccb	7,485.0	7,486.0	337LDVL	3.2	0.000000	Coquina limestone
nmb38-15-20ccb	7,486.0	7,487.0	337LDVL	3.5	0.000000	Coquina limestone
nmb38-15-20ccb	7,487.0	7,488.0	337LDVL	2.5	0.000000	Coquina limestone
nmb38-15-20ccb	7,488.0	7,489.0	337LDVL	1.9	0.700000	Coquina limestone
nmb38-15-20ccb	7,491.0	7,492.0	337LDVL	2.3	1.100000	Coquina limestone
nmb38-15-20ccb	7,492.0	7,493.0	337LDVL	1.8	0.800000	Coquina limestone
nmb38-15-20ccb	7,493.0	7,494.0	337LDVL	3.2	0.000000	Coquina limestone
nmb38-15-20ccb	7,494.0	7,495.0	337LDVL	2.3	0.000000	Coquina limestone
nmb38-15-20ccb	7,495.0	7,496.0	337LDVL	2.9	0.000000	Coquina limestone
nmb38-15-20ccb	7,496.0	7,497.0	337LDVL	2.2	0.000000	Coquina limestone
nmb38-15-20ccb	7,497.0	7,498.0	337LDVL	2.2	0.000000	Coquina limestone
nmb38-15-20ccb	7,498.0	7,499.0	337LDVL	2.6	0.000000	Coquina limestone
nmb38-15-20ccb	7,499.0	7,500.0	337LDVL	3.0	0.900000	Coquina limestone
nmb38-15-20ccb	7,500.0	7,501.0	337LDVL	2.7	0.700000	Coquina limestone
nmb38-15-20ccb	7,501.0	7,502.0	337LDVL	2.3	0.500000	Coquina limestone
nmb38-15-20ccb	7,502.0	7,503.0	337LDVL	2.8	0.000000	Coquina limestone
nmb38-15-20ccb	7,503.0	7,504.0	337LDVL	3.6	0.000000	Coquina limestone
nmb38-15-20ccb	7,504.0	7,505.0	337LDVL	3.2	0.000000	Coquina limestone
nmb38-15-20ccb	7,505.0	7,506.0	337LDVL	3.1	0.000000	Coquina limestone
nmb38-15-20ccb	7,506.0	7,507.0	337LDVL	2.9	0.000000	Coquina limestone
nmb38-15-20ccb	7,507.0	7,508.0	337LDVL	3.0	0.000000	Coquina limestone
nmb38-15-20ccb	7,508.0	7,509.0	337LDVL	3.1	0.000000	Coquina limestone
nmb38-15-20ccb	7,509.0	7,510.0	337LDVL	3.6	0.000000	Coquina limestone
nmb38-15-20ccb	7,510.0	7,511.0	337LDVL	2.9	0.000000	Crinoid limestone
nmb38-15-20ccb	7,511.0	7,512.0	337LDVL	2.8	0.000000	Crinoid limestone
nmb38-15-20ccb	7,512.0	7,513.0	337LDVL	2.4	0.000000	Crinoid limestone
nmb38-15-20ccb	7,513.0	7,514.0	337LDVL	2.3	0.000000	Crinoid limestone
nmb38-15-20ccb	7,514.0	7,515.0	337LDVL	3.2	0.000000	Crinoid limestone
nmb38-15-20ccb	7,515.0	7,516.0	337LDVL	3.4	0.000000	Crinoid limestone
nmb38-15-20ccb	7,516.0	7,517.0	337LDVL	10.9	0.000000	Dolomite
nmb38-15-20ccb	7,517.0	7,518.0	337LDVL	2.5	0.000000	Crinoid limestone
nmb38-15-20ccb	7,518.0	7,519.0	337LDVL	3.2	0.000000	Crinoid dolomite
nmb38-15-20ccb	7,519.0	7,520.0	337LDVL	5.7	0.000000	Crinoid dolomite
nmb38-15-20ccb	7,520.0	7,521.0	337LDVL	5.7	0.000000	Crinoid dolomite
nmb38-15-20ccb	7,521.0	7,522.0	337LDVL	2.0	0.000000	Crinoid limestone
nmb38-15-20ccb	7,522.0	7,523.0	337LDVL	1.7	0.000000	Crinoid limestone
nmb38-15-20ccb	7,523.0	7,524.0	337LDVL	2.7	0.000000	Crinoid limestone
nmb38-15-20ccb	7,524.0	7,525.0	337LDVL	2.3	0.000000	Crinoid limestone
nmb38-15-20ccb	7,525.0	7,526.0	337LDVL	3.0	0.000000	Crinoid limestone

Table 4.--Laboratory-determined porosity and permeability--Continued

Site	Depth to top (feet)	Depth to bottom (feet)	Formation	Porosity (percent)	Permeability (millidarcies)	Lithology
nmb38-15-20ccb	7,526.0	7,527.0	337LDVL	3.7	0.000000	Crinoid dolomite
nmb38-15-20ccb	7,527.0	7,528.0	337LDVL	3.6	0.000000	Crinoid dolomite
nmb38-15-20ccb	7,528.0	7,529.0	337LDVL	2.7	0.000000	Coquina limestone
nmb38-15-20ccb	7,529.0	7,530.0	337LDVL	3.5	0.000000	Coquina limestone
nmb38-15-20ccb	7,530.0	7,531.0	337LDVL	3.5	0.000000	Coquina limestone
nmb38-15-20ccb	7,531.0	7,532.0	337LDVL	4.6	0.000000	Coquina limestone
nmb38-15-20ccb	7,532.0	7,533.0	337LDVL	4.0	0.000000	Coquina limestone
nmb38-15-20ccb	7,533.0	7,534.0	337LDVL	3.6	0.000000	Coquina limestone
nmb38-15-20ccb	7,534.0	7,535.0	337LDVL	3.7	0.000000	Coquina limestone
nmb38-15-20ccb	7,535.0	7,536.0	337LDVL	3.3	0.000000	Coquina limestone
nmb38-15-20ccb	7,536.0	7,537.0	337LDVL	2.8	0.000000	Coquina limestone
nmb38-15-20ccb	7,537.0	7,538.0	337LDVL	3.2	0.000000	Coquina limestone
nmb38-15-20ccb	7,538.0	7,539.0	337LDVL	2.9	0.000000	Coquina limestone
nmb38-15-20ccb	7,539.0	7,540.0	337LDVL	2.7	0.000000	Coquina limestone
nmb38-15-20ccb	7,540.0	7,541.0	337LDVL	2.5	0.000000	Coquina limestone
nmb38-15-20ccb	7,541.0	7,542.0	337LDVL	3.8	0.000000	Coquina limestone
nmb38-15-20ccb	7,542.0	7,543.0	337LDVL	3.5	0.000000	Cherty limestone
nmb38-15-20ccb	7,543.0	7,544.0	337LDVL	1.9	0.000000	Oolitic limestone
nmb38-15-20ccb	7,544.0	7,545.0	337LDVL	3.1	0.000000	Oolitic limestone
nmb38-15-20ccb	7,545.0	7,546.0	337LDVL	2.5	0.000000	Oolitic limestone
nmb38-15-20ccb	7,546.0	7,547.0	337LDVL	2.8	0.000000	Oolitic limestone
nmb38-15-20ccb	7,547.0	7,548.0	337LDVL	2.5	0.000000	Oolitic limestone
nmb38-15-20ccb	7,548.0	7,549.0	337LDVL	2.9	0.000000	Oolitic limestone
nmb38-15-20ccb	7,549.0	7,550.0	337LDVL	1.7	0.000000	Oolitic limestone
nmb38-15-20ccb	7,550.0	7,551.0	337LDVL	1.7	0.000000	Oolitic limestone
nmb38-15-20ccb	7,551.0	7,552.0	337LDVL	1.2	0.000000	Oolitic limestone
nmb38-15-20ccb	7,552.0	7,553.0	337LDVL	2.2	0.000000	Oolitic limestone
nmb38-15-20ccb	7,553.0	7,554.0	337LDVL	2.2	0.000000	Cherty limestone
nmb38-15-20ccb	7,554.0	7,555.0	337LDVL	3.1	0.000000	Cherty limestone
nmb38-15-20ccb	7,555.0	7,556.0	337LDVL	7.0	0.000000	Fine-grained limestone
nmb38-15-20ccb	7,556.0	7,557.0	337LDVL	2.8	0.000000	Fine-grained limestone
nmb38-15-20ccb	7,557.0	7,558.0	337LDVL	3.8	0.000000	Anhydritic dolomite
nmb38-15-20ccb	7,558.0	7,559.0	337LDVL	2.6	0.000000	Anhydritic dolomite
nmb38-15-20ccb	7,559.0	7,560.0	337LDVL	5.5	0.000000	Anhydritic dolomite
nmb38-15-20ccb	7,560.0	7,561.0	337LDVL	7.8	0.000000	Anhydritic dolomite
nmb38-15-20ccb	7,561.0	7,562.0	337LDVL	7.9	0.000000	Anhydritic dolomite
nmb38-15-20ccb	7,562.0	7,563.0	337LDVL	8.1	0.000000	Anhydritic dolomite
nmb38-15-20ccb	7,563.0	7,564.0	337LDVL	9.0	0.000000	Anhydritic dolomite
nmb38-15-20ccb	7,564.0	7,565.0	337LDVL	11.7	1.300000	Anhydritic dolomite
nmb38-15-20ccb	7,565.0	7,566.0	337LDVL	11.1	0.000000	Anhydritic dolomite
nmb38-15-20ccb	7,566.0	7,567.0	337LDVL	6.0	0.000000	Anhydritic dolomite
nmb38-15-20ccb	7,567.0	7,568.0	337LDVL	4.1	0.000000	Anhydritic dolomite
nmb38-15-20ccb	7,568.0	7,569.0	337LDVL	11.2	1.100000	Anhydritic dolomite
nmb38-15-20ccb	7,569.0	7,570.0	337LDVL	10.5	0.000000	Anhydritic dolomite
nmb38-15-20ccb	7,571.0	7,572.0	337LDVL	9.9	0.700000	Anhydritic dolomite
nmb38-15-20ccb	7,572.0	7,573.0	337LDVL	7.8	0.000000	Anhydritic dolomite
nmb38-15-20ccb	7,573.0	7,574.0	337LDVL	6.0	0.000000	Anhydritic dolomite
nmb38-15-20ccb	7,574.0	7,575.0	337LDVL	7.4	0.000000	Anhydritic dolomite
nmb38-15-20ccb	7,575.0	7,576.0	337LDVL	5.8	0.000000	Anhydritic dolomite
nmb38-15-20ccb	7,576.0	7,577.0	337LDVL	10.9	0.000000	Anhydritic dolomite

Table 4.--Laboratory-determined porosity and permeability--Continued

Site	Depth to top (feet)	Depth to bottom (feet)	Formation	Porosity (percent)	Permeability (millidarcies)	Lithology
nmb38-15-20ccb	7,577.0	7,578.0	337LDVL	7.0	0.000000	Anhydritic dolomite
nmb38-15-20ccb	7,578.0	7,579.0	337LDVL	4.2	0.000000	Anhydritic dolomite
nmb38-15-20ccb	7,579.0	7,580.0	337LDVL	4.5	0.000000	Anhydritic dolomite
nmb38-15-20ccb	7,580.0	7,581.0	337LDVL	5.5	0.000000	Oolitic dolomite
nmb38-15-20ccb	7,581.0	7,582.0	337LDVL	5.4	0.000000	Oolitic dolomite
nmb38-15-20ccb	7,582.0	7,583.0	337LDVL	2.6	0.000000	Oolitic dolomite
nmb38-15-20ccb	7,583.0	7,584.0	337LDVL	1.5	0.000000	Limestone breccia
nmb38-15-20ccb	7,584.0	7,585.0	337LDVL	1.0	0.000000	Limestone breccia
nmb38-15-20ccb	7,585.0	7,586.0	337LDVL	3.8	0.000000	Anhydritic dolomite
nmb38-15-20ccb	7,586.0	7,587.0	337LDVL	9.1	0.000000	Anhydritic dolomite
nmb38-15-20ccb	7,587.0	7,588.0	337LDVL	7.0	0.100000	Anhydritic dolomite
nmb38-15-20ccb	7,588.0	7,589.0	337LDVL	6.0	0.000000	Anhydritic dolomite
nmb38-15-20ccb	7,589.0	7,590.0	337LDVL	2.0	0.000000	Anhydritic dolomite
nmb38-15-20ccb	7,590.0	7,591.0	337LDVL	4.9	0.700000	Anhydritic dolomite
nmb38-15-20ccb	7,591.0	7,592.0	337LDVL	17.0	0.600000	Anhydritic dolomite
nmb38-15-20ccb	7,592.0	7,593.0	337LDVL	14.7	0.000000	Anhydritic dolomite
nmb38-15-20ccb	7,593.0	7,594.0	337LDVL	4.8	0.000000	Anhydritic dolomite
nmb38-15-20ccb	7,594.0	7,595.0	337LDVL	9.0	0.000000	Anhydritic dolomite
nmb38-15-20ccb	7,595.0	7,596.0	337LDVL	2.2	0.000000	Anhydritic dolomite
nmb38-15-20ccb	7,596.0	7,597.0	337LDVL	8.2	0.000000	Anhydritic dolomite
nmb38-15-20ccb	7,597.0	7,598.0	337LDVL	12.1	0.000000	Anhydritic dolomite
nmb38-15-20ccb	7,598.0	7,599.0	337LDVL	14.4	0.010000	Anhydritic dolomite
nmb38-15-20ccb	7,599.0	7,600.0	337LDVL	10.4	0.500000	Anhydritic dolomite
nmb38-15-20ccb	7,600.0	7,601.0	337LDVL	6.1	0.000000	Anhydritic dolomite
nmb38-15-20ccb	7,601.0	7,602.0	337LDVL	1.4	0.000000	Sandy limestone
nmb38-15-20ccb	7,602.0	7,603.0	337LDVL	1.6	0.000000	Sandy limestone
nmb38-15-20ccb	7,603.0	7,604.0	337LDVL	1.8	0.000000	Sandy limestone
nmb38-15-20ccb	7,604.0	7,605.0	337LDVL	3.2	0.000000	Sandy limestone
nmb38-15-20ccb	7,605.0	7,606.0	337LDVL	1.8	0.000000	Sandy limestone
nmb38-15-20ccb	7,606.0	7,607.0	337LDVL	1.8	0.000000	Sandy limestone
nmb38-15-20ccb	7,607.0	7,608.0	337LDVL	2.4	0.000000	Sandy limestone
			AVERAGE--	3.8	0.278622	
nmb38-15-20ccb	7,614.0	7,615.0	341OURY	2.5	0.000000	Shaly limestone
nmb38-15-20ccb	7,615.0	7,616.0	341OURY	3.1	0.000000	Shaly limestone
nmb38-15-20ccb	7,616.0	7,617.0	341OURY	2.5	0.000000	Shaly limestone
nmb38-15-20ccb	7,617.0	7,618.0	341OURY	4.1	0.000000	Shaly limestone
nmb38-15-20ccb	7,618.0	7,619.0	341OURY	2.7	0.000000	Shaly limestone
nmb38-15-20ccb	7,619.0	7,620.0	341OURY	1.8	0.000000	Shaly limestone
nmb38-15-20ccb	7,620.0	7,621.0	341OURY	3.2	0.000000	Shaly limestone
nmb38-15-20ccb	7,621.0	7,622.0	341OURY	2.9	0.000000	Shaly limestone
nmb38-15-20ccb	7,622.0	7,623.0	341OURY	2.0	0.000000	Coquina limestone
nmb38-15-20ccb	7,623.0	7,624.0	341OURY	2.2	0.000000	Coquina limestone
nmb38-15-20ccb	7,624.0	7,625.0	341OURY	2.4	0.000000	Coquina limestone
nmb38-15-20ccb	7,625.0	7,626.0	341OURY	2.5	0.000000	Coquina limestone
nmb38-15-20ccb	7,626.0	7,627.0	341OURY	1.9	0.000000	Coquina limestone
nmb38-15-20ccb	7,627.0	7,628.0	341OURY	2.8	0.000000	Limy dolomite
nmb38-15-20ccb	7,628.0	7,629.0	341OURY	3.2	0.000000	Anhydritic dolomite

Table 4.--Laboratory-determined porosity and permeability--Continued

Site	Depth to top (feet)	Depth to bottom (feet)	Formation	Porosity (percent)	Permeability (millidarcies)	Lithology
nmb38-15-20ccb	7,629.0	7,630.0	3410URY	3.8	0.000000	Anhydritic dolomite
nmb38-15-20ccb	7,630.0	7,631.0	3410URY	5.5	0.000000	Shaly dolomite
nmb38-15-20ccb	7,631.0	7,632.0	3410URY	3.9	0.000000	Shaly dolomite
nmb38-15-20ccb	7,632.0	7,633.0	3410URY	3.6	0.000000	Shaly dolomite
nmb38-15-20ccb	7,633.0	7,634.0	3410URY	4.7	0.000000	Shaly dolomite
nmb38-15-20ccb	7,634.0	7,635.0	3410URY	4.6	0.000000	Shaly dolomite
nmb38-15-20ccb	7,635.0	7,636.0	3410URY	2.6	0.000000	Shaly dolomite
nmb38-15-20ccb	7,636.0	7,637.0	3410URY	3.2	0.000000	Shaly dolomite
nmb38-15-20ccb	7,637.0	7,638.0	3410URY	3.5	0.000000	Shaly dolomite
nmb38-15-20ccb	7,638.0	7,639.0	3410URY	2.8	0.000000	Shaly dolomite
nmb38-15-20ccb	7,639.0	7,640.0	3410URY	4.3	0.000000	Shaly dolomite
nmb38-15-20ccb	7,640.0	7,641.0	3410URY	4.7	0.000000	Shaly dolomite
nmb38-15-20ccb	7,641.0	7,642.0	3410URY	3.8	0.000000	Shaly dolomite
nmb38-15-20ccb	7,642.0	7,643.0	3410URY	3.6	0.000000	Shaly dolomite
nmb38-15-20ccb	7,643.0	7,644.0	3410URY	4.9	0.000000	Shaly dolomite
nmb38-15-20ccb	7,644.0	7,645.0	3410URY	2.8	0.000000	Shaly dolomite
nmb38-15-20ccb	7,645.0	7,646.0	3410URY	1.9	0.000000	Shaly dolomite
nmb38-15-20ccb	7,646.0	7,647.0	3410URY	3.1	0.000000	Shaly dolomite
nmb38-15-20ccb	7,647.0	7,648.0	3410URY	2.9	0.000000	Shaly dolomite
nmb38-15-20ccb	7,648.0	7,649.0	3410URY	2.8	0.000000	Shaly dolomite
nmb38-15-20ccb	7,649.0	7,650.0	3410URY	3.2	0.000000	Shaly dolomite
nmb38-15-20ccb	7,650.0	7,651.0	3410URY	3.3	0.000000	Shaly dolomite
nmb38-15-20ccb	7,651.0	7,652.0	3410URY	2.2	0.000000	Shaly dolomite
nmb38-15-20ccb	7,652.0	7,653.0	3410URY	3.2	0.000000	Shaly dolomite
nmb38-15-20ccb	7,653.0	7,654.0	3410URY	3.2	0.000000	Shaly dolomite
nmb38-15-20ccb	7,654.0	7,655.0	3410URY	2.9	0.000000	Shaly dolomite
nmb38-15-20ccb	7,655.0	7,656.0	3410URY	3.0	0.000000	Shaly dolomite
nmb38-15-20ccb	7,656.0	7,657.0	3410URY	2.8	0.000000	Shaly dolomite
nmb38-15-20ccb	7,657.0	7,658.0	3410URY	3.7	0.000000	Shaly dolomite
nmb38-15-20ccb	7,658.0	7,659.0	3410URY	2.5	0.000000	Shaly dolomite
nmb38-15-20ccb	7,659.0	7,660.0	3410URY	2.9	0.000000	Shaly dolomite
nmb38-15-20ccb	7,660.0	7,661.0	3410URY	2.9	0.000000	Shaly dolomite
nmb38-15-20ccb	7,661.0	7,662.0	3410URY	3.0	0.000000	Shaly dolomite
nmb38-15-20ccb	7,662.0	7,663.0	3410URY	3.8	0.000000	Shaly dolomite
nmb38-15-20ccb	7,663.0	7,664.0	3410URY	4.1	0.000000	Shaly dolomite
nmb38-15-20ccb	7,664.0	7,665.0	3410URY	3.6	0.000000	Shaly dolomite
nmb38-15-20ccb	7,665.0	7,666.0	3410URY	3.0	0.000000	Shaly dolomite
nmb38-15-20ccb	7,666.0	7,667.0	3410URY	4.2	0.000000	Shaly dolomite
nmb38-15-20ccb	7,667.0	7,668.0	3410URY	2.1	0.000000	Shaly dolomite
nmb38-15-20ccb	7,668.0	7,669.0	3410URY	3.5	0.000000	Shaly dolomite
nmb38-15-20ccb	7,669.0	7,670.0	3410URY	3.4	0.000000	Shaly dolomite
nmb38-15-20ccb	7,670.0	7,671.0	3410URY	3.8	0.000000	Shaly dolomite
nmb38-15-20ccb	7,671.0	7,672.0	3410URY	3.3	0.000000	Shaly dolomite
nmb38-15-20ccb	7,672.0	7,673.0	3410URY	3.4	0.000000	Shaly dolomite
nmb38-15-20ccb	7,673.0	7,674.0	3410URY	2.8	0.000000	Shaly dolomite
nmb38-15-20ccb	7,674.0	7,675.0	3410URY	2.7	0.000000	Oolitic dolomite
nmb38-15-20ccb	7,675.0	7,676.0	3410URY	2.6	0.000000	Oolitic dolomite
nmb38-15-20ccb	7,676.0	7,677.0	3410URY	4.2	0.000000	Fine-grained dolomite
nmb38-15-20ccb	7,677.0	7,678.0	3410URY	4.9	0.000000	Fine-grained dolomite
nmb38-15-20ccb	7,678.0	7,679.0	3410URY	1.6	0.000000	Fine-grained dolomite

Table 4.--Laboratory-determined porosity and permeability--Continued

Site	Depth to top (feet)	Depth to bottom (feet)	Formation	Porosity (percent)	Permeability (millidarcies)	Lithology
nmb38-15-20ccb	7,679.0	7,680.0	341OURY	4.7	0.000000	Fine-grained dolomite
nmb38-15-20ccb	7,680.0	7,681.0	341OURY	0.7	0.000000	Fine-grained dolomite
nmb38-15-20ccb	7,681.0	7,682.0	341OURY	2.0	0.000000	Fine-grained dolomite
nmb38-15-20ccb	7,683.0	7,684.0	341OURY	1.5	0.000000	Fine-grained dolomite
nmb38-15-20ccb	7,684.0	7,685.0	341OURY	1.8	0.000000	Fine-grained dolomite
			AVERAGE--	3.1	0.000000	
nmb38-15-20ccb	7,690.0	7,691.0	341ELBR	2.5	0.000000	Shaly, sandy dolomite
nmb38-15-20ccb	7,691.0	7,692.0	341ELBR	2.4	0.000000	Shaly, sandy dolomite
nmb38-15-20ccb	7,692.0	7,693.0	341ELBR	1.8	0.000000	Shaly, sandy dolomite
nmb38-15-20ccb	7,693.0	7,694.0	341ELBR	2.0	0.000000	Shaly, sandy dolomite
nmb38-15-20ccb	7,694.0	7,695.0	341ELBR	2.9	0.000000	Shaly, sandy dolomite
nmb38-15-20ccb	7,695.0	7,696.0	341ELBR	2.6	0.000000	Shaly, sandy dolomite
nmb38-15-20ccb	7,696.0	7,697.0	341ELBR	2.3	0.000000	Shaly, sandy dolomite
nmb38-15-20ccb	7,697.0	7,698.0	341ELBR	3.1	0.000000	Shaly, sandy dolomite
nmb38-15-20ccb	7,698.0	7,699.0	341ELBR	2.0	0.000000	Shaly, sandy dolomite
nmb38-15-20ccb	7,699.0	7,700.0	341ELBR	1.7	0.000000	Shaly, sandy dolomite
nmb38-15-20ccb	7,700.0	7,701.0	341ELBR	2.3	0.000000	Shaly, sandy dolomite
nmb38-15-20ccb	7,701.0	7,702.0	341ELBR	1.8	0.000000	Shaly, sandy dolomite
nmb38-15-20ccb	7,702.0	7,703.0	341ELBR	1.7	0.000000	Shaly, sandy dolomite
nmb38-15-20ccb	7,703.0	7,704.0	341ELBR	2.6	0.000000	Shaly, sandy dolomite
nmb38-15-20ccb	7,704.0	7,705.0	341ELBR	1.7	0.000000	Shaly, sandy dolomite
nmb38-15-20ccb	7,705.0	7,706.0	341ELBR	2.1	0.000000	Shaly, sandy dolomite
nmb38-15-20ccb	7,706.0	7,707.0	341ELBR	1.7	0.000000	Shaly, sandy dolomite
nmb38-15-20ccb	7,707.0	7,708.0	341ELBR	2.1	0.000000	Shaly, sandy dolomite
nmb38-15-20ccb	7,708.0	7,709.0	341ELBR	1.9	0.000000	Shaly, sandy dolomite
nmb38-15-20ccb	7,709.0	7,710.0	341ELBR	1.5	0.000000	Shaly, sandy dolomite
nmb38-15-20ccb	7,710.0	7,711.0	341ELBR	1.5	0.000000	Shaly, sandy dolomite
nmb38-15-20ccb	7,711.0	7,712.0	341ELBR	2.5	0.000000	Shaly, sandy dolomite
nmb38-15-20ccb	7,712.0	7,713.0	341ELBR	1.6	0.000000	Shaly, sandy dolomite
nmb38-15-20ccb	7,713.0	7,714.0	341ELBR	2.2	0.000000	Shaly, sandy dolomite
nmb38-15-20ccb	7,714.0	7,715.0	341ELBR	0.4	0.000000	Shaly, sandy dolomite
nmb38-15-20ccb	7,715.0	7,716.0	341ELBR	3.0	0.000000	Shaly, sandy dolomite
nmb38-15-20ccb	7,716.0	7,717.0	341ELBR	3.7	0.000000	Shaly, sandy dolomite
nmb38-15-20ccb	7,717.0	7,718.0	341ELBR	1.9	0.000000	Shaly, sandy dolomite
nmb38-15-20ccb	7,718.0	7,719.0	341ELBR	3.2	0.000000	Shaly, sandy dolomite
nmb38-15-20ccb	7,719.0	7,720.0	341ELBR	3.0	0.000000	Shaly, sandy dolomite
nmb38-15-20ccb	7,720.0	7,721.0	341ELBR	2.3	0.000000	Shaly, sandy dolomite
nmb38-15-20ccb	7,721.0	7,722.0	341ELBR	2.3	0.000000	Shaly, sandy dolomite
nmb38-15-20ccb	7,722.0	7,723.0	341ELBR	2.4	0.000000	Shaly, sandy dolomite
nmb38-15-20ccb	7,723.0	7,724.0	341ELBR	3.1	0.000000	Shaly, sandy dolomite
nmb38-15-20ccb	7,724.0	7,725.0	341ELBR	1.6	0.000000	Shaly, sandy dolomite
			AVERAGE--	2.2	0.000000	
SITE AVERAGE-----				4.2	1.156667	
nmb38-15-21bcb	3,270.0	3,271.0	317CTLR	6.3	4.500000	Arkosic sandstone
nmb38-15-21bcb	3,271.0	3,272.0	317CTLR	8.4	0.830000	Arkosic sandstone
nmb38-15-21bcb	3,272.0	3,273.0	317CTLR	3.2	0.000000	Arkosic sandstone
nmb38-15-21bcb	3,273.0	3,274.0	317CTLR	11.2	27.400000	Arkosic sandstone
nmb38-15-21bcb	3,274.0	3,275.0	317CTLR	14.4	23.600000	Arkosic sandstone



Table 4.--Laboratory-determined porosity and permeability--Continued

Site	Depth to top (feet)	Depth to bottom (feet)	Forma- tion	Porosity (percent)	Perme- ability (milli- darcies)	Lithology
nmb38-15-21bcb	3,275.0	3,276.0	317CTLR	10.8	16.600000	Arkosic sandstone
nmb38-15-21bcb	3,276.0	3,277.0	317CTLR	9.2	6.900000	Arkosic sandstone
nmb38-15-21bcb	3,277.0	3,278.0	317CTLR	11.9	11.900000	Arkosic sandstone
nmb38-15-21bcb	3,278.0	3,279.0	317CTLR	6.5	55.000000	Arkosic sandstone
nmb38-15-21bcb	3,279.0	3,280.0	317CTLR	10.2	16.500000	Arkosic sandstone
nmb38-15-21bcb	3,280.0	3,281.0	317CTLR	10.6	20.700000	Arkosic sandstone
nmb38-15-21bcb	3,281.0	3,282.0	317CTLR	12.2	20.700000	Arkosic sandstone
nmb38-15-21bcb	3,282.0	3,283.0	317CTLR	11.4	13.900000	Arkosic sandstone
nmb38-15-21bcb	3,283.0	3,284.0	317CTLR	12.9	16.400000	Arkosic sandstone
nmb38-15-21bcb	3,284.0	3,285.0	317CTLR	5.7	8.100000	Arkosic sandstone
nmb38-15-21bcb	3,285.0	3,286.0	317CTLR	10.6	16.500000	Arkosic sandstone
nmb38-15-21bcb	3,286.0	3,287.0	317CTLR	6.2	13.500000	Arkosic sandstone
nmb38-15-21bcb	3,287.0	3,288.0	317CTLR	8.8	5.200000	Arkosic sandstone
nmb38-15-21bcb	3,288.0	3,289.0	317CTLR	11.4	20.700000	Arkosic sandstone
nmb38-15-21bcb	3,289.0	3,290.0	317CTLR	12.0	23.800000	Arkosic sandstone
nmb38-15-21bcb	3,290.0	3,291.0	317CTLR	8.2	9.500000	Arkosic sandstone
nmb38-15-21bcb	3,291.0	3,292.0	317CTLR	8.5	13.900000	Arkosic sandstone
nmb38-15-21bcb	3,292.0	3,293.0	317CTLR	1.4	0.000000	Arkosic sandstone
nmb38-15-21bcb	3,293.0	3,294.0	317CTLR	7.3	2.400000	Arkosic sandstone
nmb38-15-21bcb	3,629.0	3,630.0	317CTLR	9.0	3.800000	Arkosic sandstone
nmb38-15-21bcb	3,630.0	3,631.0	317CTLR	10.4	12.500000	Arkosic sandstone
nmb38-15-21bcb	3,631.0	3,632.0	317CTLR	16.1	3.200000	Arkosic sandstone
nmb38-15-21bcb	3,632.0	3,633.0	317CTLR	4.7	0.400000	Arkosic sandstone
nmb38-15-21bcb	3,633.0	3,634.0	317CTLR	7.8	4.200000	Arkosic sandstone
nmb38-15-21bcb	3,634.0	3,635.0	317CTLR	8.1	40.200000	Arkosic sandstone
nmb38-15-21bcb	3,635.0	3,636.0	317CTLR	8.7	3.800000	Arkosic sandstone
nmb38-15-21bcb	3,636.0	3,637.0	317CTLR	6.5	1.300000	Arkosic sandstone
nmb38-15-21bcb	3,637.0	3,638.0	317CTLR	3.5	0.800000	Arkosic sandstone
nmb38-15-21bcb	3,638.0	3,639.0	317CTLR	4.5	0.500000	Arkosic sandstone
nmb38-15-21bcb	3,639.0	3,640.0	317CTLR	7.5	5.400000	Arkosic sandstone
nmb38-15-21bcb	3,640.0	3,641.0	317CTLR	6.9	7.300000	Arkosic sandstone
nmb38-15-21bcb	3,641.0	3,642.0	317CTLR	9.5	32.200000	Arkosic sandstone
nmb38-15-21bcb	3,642.0	3,643.0	317CTLR	9.3	13.500000	Arkosic sandstone
nmb38-15-21bcb	3,643.0	3,644.0	317CTLR	7.5	1.300000	Arkosic sandstone
nmb38-15-21bcb	3,644.0	3,645.0	317CTLR	9.3	2.000000	Arkosic sandstone
nmb38-15-21bcb	3,645.0	3,646.0	317CTLR	6.3	0.800000	Arkosic sandstone
nmb38-15-21bcb	3,646.0	3,647.0	317CTLR	6.3	0.700000	Arkosic sandstone
nmb38-15-21bcb	3,647.0	3,648.0	317CTLR	8.1	5.700000	Arkosic sandstone
nmb38-15-21bcb	3,648.0	3,649.0	317CTLR	4.2	3.800000	Arkosic sandstone
nmb38-15-21bcb	3,649.0	3,650.0	317CTLR	6.3	6.800000	Arkosic sandstone
nmb38-15-21bcb	3,650.0	3,651.0	317CTLR	7.1	1.700000	Arkosic sandstone
			AVERAGE--	8.4	10.878913	
SITE AVERAGE-----				8.4	10.878913	
nmb39-14-08dcc	5,130.0	5,131.0	321HKTL	3.2	0.000000	Finely crystalline limestone
nmb39-14-08dcc	5,131.0	5,132.0	321HKTL	3.6	0.000000	Finely crystalline limestone
nmb39-14-08dcc	5,132.0	5,133.0	321HKTL	3.9	0.000000	Finely crystalline limestone
nmb39-14-08dcc	5,133.0	5,134.0	321HKTL	3.7	0.000000	Finely crystalline limestone
nmb39-14-08dcc	5,134.0	5,135.0	321HKTL	3.6	0.000000	Finely crystalline limestone

Table 4.--Laboratory-determined porosity and permeability--Continued

Site	Depth to top (feet)	Depth to bottom (feet)	Formation	Porosity (percent)	Permeability (millidarcies)	Lithology
nmb39-14-08dcc	5,135.0	5,136.0	321HKTL	4.1	0.000000	Finely crystalline limestone
nmb39-14-08dcc	5,136.0	5,137.0	321HKTL	5.7	0.000000	Finely crystalline limestone
nmb39-14-08dcc	5,137.0	5,138.0	321HKTL	2.2	0.000000	Finely crystalline limestone
nmb39-14-08dcc	5,138.0	5,139.0	321HKTL	2.6	0.000000	Finely crystalline limestone
nmb39-14-08dcc	5,139.0	5,140.0	321HKTL	2.4	0.000000	Finely crystalline limestone
nmb39-14-08dcc	5,140.0	5,141.0	321HKTL	3.3	0.000000	Finely crystalline limestone
nmb39-14-08dcc	5,141.0	5,142.0	321HKTL	4.8	0.000000	Finely crystalline limestone
nmb39-14-08dcc	5,142.0	5,143.0	321HKTL	2.2	0.000000	Finely crystalline limestone
nmb39-14-08dcc	5,143.0	5,144.0	321HKTL	2.3	0.000000	Finely crystalline limestone
nmb39-14-08dcc	5,144.0	5,145.0	321HKTL	3.3	0.000000	Finely crystalline limestone
nmb39-14-08dcc	5,145.0	5,146.0	321HKTL	3.8	0.000000	Finely crystalline limestone
nmb39-14-08dcc	5,146.0	5,147.0	321HKTL	3.6	0.000000	Finely crystalline limestone
nmb39-14-08dcc	5,147.0	5,148.0	321HKTL	3.6	0.000000	Finely crystalline limestone
nmb39-14-08dcc	5,148.0	5,149.0	321HKTL	4.2	0.000000	Finely crystalline limestone
nmb39-14-08dcc	5,149.0	5,150.0	321HKTL	5.5	0.000000	Finely crystalline limestone
nmb39-14-08dcc	5,150.0	5,151.0	321HKTL	5.2	0.000000	Finely crystalline limestone
nmb39-14-08dcc	5,151.0	5,152.0	321HKTL	7.9	0.600000	Finely crystalline limestone
nmb39-14-08dcc	5,152.0	5,153.0	321HKTL	9.7	5.200000	Shaly, fine- to medium-grained sandstone
nmb39-14-08dcc	5,153.0	5,154.0	321HKTL	8.2	0.000000	Shaly, fine- to medium-grained sandstone
nmb39-14-08dcc	5,154.0	5,155.0	321HKTL	8.9	0.000000	Shaly, fine- to medium-grained sandstone
nmb39-14-08dcc	5,155.0	5,156.0	321HKTL	6.3	0.000000	Shaly, fine- to medium-grained sandstone
nmb39-14-08dcc	5,156.0	5,157.0	321HKTL	5.1	0.000000	Shaly, fine- to medium-grained sandstone
nmb39-14-08dcc	5,157.0	5,158.0	321HKTL	5.9	0.000000	Shaly, fine- to medium-grained sandstone
nmb39-14-08dcc	5,163.0	5,164.0	321HKTL	4.5	0.000000	Finely crystalline limestone
nmb39-14-08dcc	5,164.0	5,165.0	321HKTL	3.9	0.000000	Finely crystalline limestone
nmb39-14-08dcc	5,165.0	5,166.0	321HKTL	4.9	0.000000	Finely crystalline limestone
nmb39-14-08dcc	5,166.0	5,167.0	321HKTL	4.0	0.000000	Finely crystalline limestone
nmb39-14-08dcc	5,182.0	5,183.0	321HKTL	6.7	0.000000	Fine- to medium-grained sandstone
nmb39-14-08dcc	5,186.0	5,187.0	321HKTL	5.2	0.000000	Fine- to medium-grained sandstone
nmb39-14-08dcc	5,187.0	5,188.0	321HKTL	9.1	1.400000	Fine- to medium-grained sandstone
nmb39-14-08dcc	5,188.0	5,189.0	321HKTL	9.7	0.500000	Fine- to medium-grained sandstone
nmb39-14-08dcc	5,189.0	5,190.0	321HKTL	9.3	2.600000	Fine- to medium-grained sandstone
nmb39-14-08dcc	5,190.0	5,191.0	321HKTL	12.5	1.000000	Fine- to medium-grained sandstone
nmb39-14-08dcc	5,191.0	5,192.0	321HKTL	11.0	1.500000	Fine- to medium-grained sandstone
nmb39-14-08dcc	5,192.0	5,193.0	321HKTL	9.8	0.900000	Fine- to medium-grained sandstone
nmb39-14-08dcc	5,193.0	5,194.0	321HKTL	10.0	1.600000	Fine- to medium-grained sandstone
nmb39-14-08dcc	5,194.0	5,195.0	321HKTL	10.1	0.800000	Fine- to medium-grained sandstone
nmb39-14-08dcc	5,195.0	5,196.0	321HKTL	12.0	0.000000	Fine- to medium-grained sandstone
nmb39-14-08dcc	5,196.0	5,197.0	321HKTL	11.5	2.600000	Fine- to medium-grained sandstone
nmb39-14-08dcc	5,197.0	5,198.0	321HKTL	11.5	0.300000	Fine- to medium-grained sandstone
nmb39-14-08dcc	5,198.0	5,199.0	321HKTL	9.2	0.000000	Fine- to medium-grained sandstone
nmb39-14-08dcc	5,199.0	5,200.0	321HKTL	8.0	0.000000	Fine- to medium-grained sandstone
nmb39-14-08dcc	5,200.0	5,201.0	321HKTL	6.9	0.000000	Fine- to medium-grained sandstone
nmb39-14-08dcc	5,201.0	5,202.0	321HKTL	9.2	0.000000	Fine- to medium-grained sandstone
nmb39-14-08dcc	5,202.0	5,203.0	321HKTL	5.6	0.000000	Fine- to medium-grained sandstone
nmb39-14-08dcc	5,203.0	5,204.0	321HKTL	7.0	0.000000	Fine- to medium-grained sandstone
nmb39-14-08dcc	5,204.0	5,205.0	321HKTL	8.5	0.000000	Fine- to medium-grained sandstone
nmb39-14-08dcc	5,205.0	5,206.0	321HKTL	8.2	0.000000	Fine- to medium-grained sandstone
nmb39-14-08dcc	5,206.0	5,207.0	321HKTL	6.8	0.000000	Fine- to medium-grained sandstone
nmb39-14-08dcc	5,207.0	5,208.0	321HKTL	8.7	0.000000	Fine- to medium-grained sandstone

Table 4.--Laboratory-determined porosity and permeability--Continued

Site	Depth to top (feet)	Depth to bottom (feet)	Formation	Porosity (percent)	Permeability (millidarcies)	Lithology
nmb39-14-08dcc	5,224.0	5,225.0	321HKTL	5.3	0.000000	Fine-grained sandstone
nmb39-14-08dcc	5,225.0	5,226.0	321HKTL	6.3	0.000000	Fine-grained sandstone
nmb39-14-08dcc	5,226.0	5,227.0	321HKTL	7.2	0.000000	Fine-grained sandstone
nmb39-14-08dcc	5,227.0	5,228.0	321HKTL	6.4	0.000000	Fine-grained sandstone
nmb39-14-08dcc	5,228.0	5,229.0	321HKTL	6.9	0.000000	Fine-grained sandstone
nmb39-14-08dcc	5,229.0	5,230.0	321HKTL	6.2	0.000000	Fine-grained sandstone
nmb39-14-08dcc	5,230.0	5,231.0	321HKTL	4.5	0.000000	Fine-grained sandstone
nmb39-14-08dcc	5,231.0	5,232.0	321HKTL	7.0	0.000000	Fine-grained sandstone
nmb39-14-08dcc	5,232.0	5,233.0	321HKTL	8.1	0.000000	Fine-grained sandstone
nmb39-14-08dcc	5,233.0	5,234.0	321HKTL	7.1	0.000000	Fine-grained sandstone
nmb39-14-08dcc	5,234.0	5,235.0	321HKTL	8.1	0.000000	Fine-grained sandstone
nmb39-14-08dcc	5,235.0	5,236.0	321HKTL	8.5	0.000000	Fine-grained sandstone
nmb39-14-08dcc	5,236.0	5,237.0	321HKTL	9.2	0.000000	Fine-grained sandstone
nmb39-14-08dcc	5,237.0	5,238.0	321HKTL	8.6	0.000000	Fine-grained sandstone
nmb39-14-08dcc	5,238.0	5,239.0	321HKTL	6.9	0.000000	Fine-grained sandstone
nmb39-14-08dcc	5,239.0	5,240.0	321HKTL	7.0	0.000000	Fine-grained sandstone
nmb39-14-08dcc	5,240.0	5,241.0	321HKTL	8.4	0.000000	Fine-grained sandstone
nmb39-14-08dcc	5,241.0	5,242.0	321HKTL	7.3	0.000000	Fine-grained sandstone
nmb39-14-08dcc	5,242.0	5,243.0	321HKTL	6.0	0.000000	Fine-grained sandstone
nmb39-14-08dcc	5,243.0	5,244.0	321HKTL	4.7	0.000000	Fine-grained sandstone
nmb39-14-08dcc	5,244.0	5,245.0	321HKTL	6.2	0.000000	Fine-grained sandstone
nmb39-14-08dcc	5,254.0	5,255.0	321HKTL	4.0	0.000000	Limestone and shale
nmb39-14-08dcc	5,256.0	5,257.0	321HKTL	2.1	0.000000	Limestone and shale
nmb39-14-08dcc	5,258.0	5,259.0	321HKTL	4.3	0.000000	Limestone and shale
nmb39-14-08dcc	5,262.0	5,263.0	321HKTL	3.2	0.000000	Limestone and shale
nmb39-14-08dcc	5,264.0	5,265.0	321HKTL	6.0	0.000000	Limestone and shale
nmb39-14-08dcc	5,266.0	5,267.0	321HKTL	3.5	0.000000	Limestone and shale
nmb39-14-08dcc	5,268.0	5,269.0	321HKTL	2.9	0.000000	Limestone and shale
nmb39-14-08dcc	5,270.0	5,271.0	321HKTL	3.0	0.000000	Limestone and shale
nmb39-14-08dcc	5,272.0	5,273.0	321HKTL	4.2	0.000000	Limestone and shale
nmb39-14-08dcc	5,274.0	5,275.0	321HKTL	2.6	0.000000	Limestone and shale
nmb39-14-08dcc	5,276.0	5,277.0	321HKTL	5.2	0.000000	Limestone and shale
nmb39-14-08dcc	5,282.0	5,283.0	321HKTL	4.8	0.000000	Finely crystalline limestone
nmb39-14-08dcc	5,284.0	5,285.0	321HKTL	7.2	0.000000	Finely crystalline limestone
nmb39-14-08dcc	5,286.0	5,287.0	321HKTL	3.9	0.000000	Shaly, fine-grained sandstone
nmb39-14-08dcc	5,287.0	5,288.0	321HKTL	3.3	0.000000	Shaly, fine-grained sandstone
nmb39-14-08dcc	5,288.0	5,289.0	321HKTL	6.4	0.000000	Shaly, fine-grained sandstone
nmb39-14-08dcc	5,289.0	5,290.0	321HKTL	6.7	0.000000	Shaly, fine-grained sandstone
nmb39-14-08dcc	5,290.0	5,291.0	321HKTL	8.8	0.000000	Shaly, fine-grained sandstone
nmb39-14-08dcc	5,291.0	5,292.0	321HKTL	5.1	0.000000	Shaly, fine-grained sandstone
nmb39-14-08dcc	5,292.0	5,293.0	321HKTL	8.5	0.000000	Shaly, fine-grained sandstone
nmb39-14-08dcc	5,293.0	5,294.0	321HKTL	8.8	0.000000	Shaly, fine-grained sandstone
nmb39-14-08dcc	5,294.0	5,295.0	321HKTL	6.6	0.000000	Shaly, fine-grained sandstone
nmb39-14-08dcc	5,295.0	5,296.0	321HKTL	6.7	0.000000	Finely crystalline limestone
nmb39-14-08dcc	5,296.0	5,297.0	321HKTL	7.7	0.000000	Shaly, finely crystalline limestone
nmb39-14-08dcc	5,297.0	5,298.0	321HKTL	3.3	0.000000	Shaly, finely crystalline limestone
nmb39-14-08dcc	5,299.0	5,300.0	321HKTL	3.6	0.000000	Shaly, finely crystalline limestone
nmb39-14-08dcc	5,301.0	5,302.0	321HKTL	6.7	0.000000	Shaly, fine-grained, limy sandstone
nmb39-14-08dcc	5,302.0	5,303.0	321HKTL	4.5	0.000000	Shaly, fine-grained, limy sandstone
nmb39-14-08dcc	5,303.0	5,304.0	321HKTL	3.8	0.000000	Shaly, fine-grained, limy sandstone

Table 4.--Laboratory-determined porosity and permeability--Continued

Site	Depth to top (feet)	Depth to bottom (feet)	Formation	Porosity (percent)	Permeability (millidarcies)	Lithology
nmb39-14-08dcc	5,304.0	5,305.0	321HKTL	1.2	0.000000	Shaly, fine-grained, limy sandstone
nmb39-14-08dcc	5,305.0	5,306.0	321HKTL	5.6	0.000000	Shaly, fine-grained, limy sandstone
nmb39-14-08dcc	5,306.0	5,307.0	321HKTL	5.5	0.000000	Shaly, fine-grained, limy sandstone
nmb39-14-08dcc	5,307.0	5,308.0	321HKTL	5.6	0.000000	Shaly, fine-grained, limy sandstone
nmb39-14-08dcc	5,309.0	5,310.0	321HKTL	3.9	0.000000	Shaly, fine-grained, limy sandstone
nmb39-14-08dcc	5,310.0	5,311.0	321HKTL	5.0	0.000000	Shaly sandstone
nmb39-14-08dcc	5,312.0	5,313.0	321HKTL	4.7	0.000000	Shaly sandstone
nmb39-14-08dcc	5,313.0	5,314.0	321HKTL	8.1	0.000000	Shaly sandstone
nmb39-14-08dcc	5,314.0	5,315.0	321HKTL	8.9	0.000000	Shaly sandstone
nmb39-14-08dcc	5,315.0	5,316.0	321HKTL	7.5	0.000000	Shaly sandstone
nmb39-14-08dcc	5,323.0	5,324.0	321HKTL	7.6	0.000000	Shaly sandstone
nmb39-14-08dcc	5,324.0	5,325.0	321HKTL	8.0	0.000000	Shaly sandstone
nmb39-14-08dcc	5,325.0	5,326.0	321HKTL	7.1	0.000000	Shaly sandstone
nmb39-14-08dcc	5,326.0	5,327.0	321HKTL	7.7	0.000000	Limestone
nmb39-14-08dcc	5,334.0	5,335.0	321HKTL	4.2	0.000000	Limestone
nmb39-14-08dcc	5,335.0	5,336.0	321HKTL	4.6	0.000000	Limestone
nmb39-14-08dcc	5,344.0	5,345.0	321HKTL	4.6	0.000000	Shaly, fine-grained limestone
nmb39-14-08dcc	5,345.0	5,346.0	321HKTL	5.5	0.000000	Shaly, fine-grained limestone
nmb39-14-08dcc	5,355.0	5,357.2	321HKTL	1.1	0.000000	Limestone
nmb39-14-08dcc	5,357.2	5,359.0	321HKTL	1.3	0.000000	Limestone
nmb39-14-08dcc	5,359.0	5,360.5	321HKTL	0.6	0.000000	Limestone
nmb39-14-08dcc	5,360.5	5,362.5	321HKTL	1.1	1.600000	Limestone
nmb39-14-08dcc	5,362.5	5,364.0	321HKTL	1.1	1.200000	Limestone
nmb39-14-08dcc	5,370.0	5,372.8	321HKTL	1.5	0.000000	Limestone
nmb39-14-08dcc	5,372.8	5,373.7	321HKTL	2.1	0.200000	Limestone
nmb39-14-08dcc	5,373.7	5,375.4	321HKTL	2.4	0.020000	Limestone
nmb39-14-08dcc	5,375.4	5,377.4	321HKTL	2.4	0.000000	Limestone
nmb39-14-08dcc	5,377.4	5,379.2	321HKTL	2.3	0.010000	Limestone
nmb39-14-08dcc	5,379.2	5,380.7	321HKTL	2.1	0.000000	Limestone
nmb39-14-08dcc	5,380.7	5,382.7	321HKTL	0.7	0.080000	Limestone
nmb39-14-08dcc	5,382.7	5,384.5	321HKTL	2.1	0.000000	Limestone
nmb39-14-08dcc	5,384.5	5,386.4	321HKTL	1.2	0.100000	Limestone
nmb39-14-08dcc	5,386.4	5,388.0	321HKTL	1.9	0.700000	Limestone
nmb39-14-08dcc	5,388.0	5,389.4	321HKTL	2.9	0.000000	Limestone
nmb39-14-08dcc	5,389.4	5,391.5	321HKTL	3.8	1.400000	Limestone
nmb39-14-08dcc	5,391.5	5,393.0	321HKTL	1.9	0.100000	Limestone
nmb39-14-08dcc	5,393.0	5,394.8	321HKTL	4.0	0.200000	Limestone
nmb39-14-08dcc	5,394.8	5,396.5	321HKTL	3.0	0.100000	Limestone
nmb39-14-08dcc	5,396.5	5,398.0	321HKTL	1.3	0.100000	Limestone
nmb39-14-08dcc	5,419.0	5,420.0	321HKTL	2.6	0.000000	Shaly, finely crystalline limestone
nmb39-14-08dcc	5,420.0	5,421.0	321HKTL	2.9	0.000000	Shaly, finely crystalline limestone
nmb39-14-08dcc	5,427.0	5,428.0	321HKTL	4.8	0.000000	Fine-grained sandstone
nmb39-14-08dcc	5,428.0	5,429.0	321HKTL	4.8	0.000000	Fine-grained sandstone
nmb39-14-08dcc	5,429.0	5,430.0	321HKTL	5.8	0.000000	Fine-grained sandstone
nmb39-14-08dcc	5,430.0	5,431.0	321HKTL	3.2	0.000000	Fine-grained sandstone
nmb39-14-08dcc	5,431.0	5,432.0	321HKTL	5.7	0.000000	Fine-grained sandstone
nmb39-14-08dcc	5,432.0	5,433.0	321HKTL	9.4	0.000000	Fine-grained sandstone
nmb39-14-08dcc	5,434.0	5,435.0	321HKTL	2.7	0.000000	Finely crystalline limestone
nmb39-14-08dcc	5,435.0	5,436.0	321HKTL	2.7	0.000000	Finely crystalline limestone
nmb39-14-08dcc	5,436.0	5,437.0	321HKTL	3.5	0.000000	Finely crystalline limestone

Table 4.--Laboratory-determined porosity and permeability--Continued

Site	Depth to top (feet)	Depth to bottom (feet)	Formation	Porosity (percent)	Permeability (millidarcies)	Lithology
nmb39-14-08dcc	5,437.0	5,438.0	321HKTL	2.8	0.000000	Finely crystalline limestone
nmb39-14-08dcc	5,438.0	5,439.0	321HKTL	3.0	0.000000	Finely crystalline limestone
nmb39-14-08dcc	5,439.0	5,440.0	321HKTL	3.0	0.000000	Finely crystalline limestone
nmb39-14-08dcc	5,440.0	5,441.0	321HKTL	2.8	0.000000	Finely crystalline limestone
nmb39-14-08dcc	5,441.0	5,442.0	321HKTL	2.6	0.000000	Finely crystalline limestone
nmb39-14-08dcc	5,442.0	5,443.0	321HKTL	5.4	0.000000	Finely crystalline limestone
nmb39-14-08dcc	5,443.0	5,445.2	321HKTL	1.1	0.200000	Limestone
nmb39-14-08dcc	5,445.2	5,447.0	321HKTL	1.3	6.700000	Limestone
nmb39-14-08dcc	5,447.0	5,449.0	321HKTL	1.3	0.060000	Limestone
nmb39-14-08dcc	5,449.0	5,450.5	321HKTL	1.5	0.000000	Limestone
nmb39-14-08dcc	5,450.5	5,452.1	321HKTL	1.0	1.600000	Limestone
nmb39-14-08dcc	5,452.1	5,453.8	321HKTL	1.3	2.100000	Limestone
nmb39-14-08dcc	5,453.8	5,455.5	321HKTL	1.4	0.010000	Limestone
nmb39-14-08dcc	5,455.5	5,457.2	321HKTL	1.1	1.300000	Limestone
nmb39-14-08dcc	5,457.2	5,458.8	321HKTL	1.0	0.000000	Limestone
nmb39-14-08dcc	5,458.8	5,460.0	321HKTL	1.5	0.300000	Limestone
nmb39-14-08dcc	5,460.0	5,462.0	321HKTL	0.9	0.800000	Limestone
nmb39-14-08dcc	5,462.0	5,463.7	321HKTL	1.0	5.900000	Limestone
nmb39-14-08dcc	5,463.7	5,465.6	321HKTL	0.6	0.300000	Limestone
nmb39-14-08dcc	5,465.6	5,467.4	321HKTL	0.6	1.600000	Limestone
nmb39-14-08dcc	5,467.4	5,469.4	321HKTL	1.6	0.000000	Limestone
nmb39-14-08dcc	5,469.4	5,471.1	321HKTL	0.6	0.000000	Limestone
nmb39-14-08dcc	5,471.1	5,472.9	321HKTL	2.7	0.000000	Limestone
nmb39-14-08dcc	5,472.9	5,474.9	321HKTL	1.8	0.000000	Limestone
nmb39-14-08dcc	5,474.9	5,476.8	321HKTL	2.1	0.000000	Limestone
nmb39-14-08dcc	5,476.8	5,478.6	321HKTL	2.3	0.010000	Limestone
nmb39-14-08dcc	5,478.6	5,480.3	321HKTL	2.0	0.000000	Limestone
nmb39-14-08dcc	5,480.3	5,482.2	321HKTL	1.8	0.170000	Limestone
nmb39-14-08dcc	5,482.2	5,484.2	321HKTL	1.6	0.010000	Limestone
nmb39-14-08dcc	5,484.2	5,486.1	321HKTL	2.8	0.000000	Limestone
nmb39-14-08dcc	5,486.1	5,488.0	321HKTL	2.8	0.020000	Limestone
nmb39-14-08dcc	5,488.0	5,489.6	321HKTL	1.9	0.010000	Limestone
nmb39-14-08dcc	5,489.6	5,491.6	321HKTL	1.9	0.000000	Limestone
nmb39-14-08dcc	5,491.6	5,493.6	321HKTL	1.9	0.000000	Limestone
nmb39-14-08dcc	5,493.6	5,495.3	321HKTL	2.2	0.010000	Limestone
nmb39-14-08dcc	5,495.3	5,497.0	321HKTL	3.0	0.000000	Limestone
nmb39-14-08dcc	5,497.0	5,498.8	321HKTL	2.6	0.000000	Limestone
nmb39-14-08dcc	5,498.8	5,501.0	321HKTL	3.7	0.000000	Limestone
nmb39-14-08dcc	5,501.0	5,503.0	321HKTL	3.4	0.050000	Limestone
AVERAGE--				4.7	0.236907	
SITE AVERAGE-----				4.7	0.236907	
nmb39-16-16aca	5,617.0	5,618.0	324PRDX	1.3	0.170000	Anhydritic limestone
nmb39-16-16aca	5,620.0	5,621.0	324PRDX	1.2	0.040000	Anhydritic limestone
nmb39-16-16aca	5,621.0	5,622.0	324PRDX	0.3	0.200000	Anhydritic limestone
nmb39-16-16aca	5,622.0	5,623.0	324PRDX	0.5	0.370000	Anhydritic limestone
nmb39-16-16aca	5,623.0	5,624.0	324PRDX	0.5	0.050000	Anhydritic limestone
nmb39-16-16aca	5,624.0	5,625.0	324PRDX	0.7	0.030000	Anhydritic limestone
nmb39-16-16aca	5,625.0	5,626.0	324PRDX	1.0	0.050000	Anhydritic limestone
nmb39-16-16aca	5,626.0	5,627.0	324PRDX	0.7	0.040000	Anhydritic limestone
nmb39-16-16aca	5,627.0	5,628.0	324PRDX	0.6	0.020000	Anhydritic limestone
nmb39-16-16aca	5,628.0	5,629.0	324PRDX	0.8	0.050000	Anhydritic limestone

Table 4.--Laboratory-determined porosity and permeability--Continued

Site	Depth to top (feet)	Depth to bottom (feet)	Formation	Porosity (percent)	Permeability (millidarcies)	Lithology
nmb39-16-16aca	5,629.0	5,630.0	324PRDX	0.8	0.030000	Anhydritic limestone
nmb39-16-16aca	5,630.0	5,631.0	324PRDX	0.4	0.040000	Anhydritic limestone
nmb39-16-16aca	5,637.0	5,638.0	324PRDX	0.4	0.020000	Anhydritic limestone
nmb39-16-16aca	5,638.0	5,639.0	324PRDX	0.2	0.030000	Anhydritic limestone
nmb39-16-16aca	5,639.0	5,640.0	324PRDX	0.9	0.050000	Anhydritic limestone
nmb39-16-16aca	5,640.0	5,641.0	324PRDX	1.0	0.040000	Anhydritic limestone
nmb39-16-16aca	5,641.0	5,642.0	324PRDX	0.4	0.030000	Anhydritic limestone
nmb39-16-16aca	5,646.0	5,647.0	324PRDX	0.2	0.040000	Anhydritic limestone
AVERAGE--				0.7	0.072222	
SITE AVERAGE-----				0.7	0.072222	
nmb39-19-32cbd	6,201.0	6,202.0	324PRDX	2.7	0.900000	Fine-grained to sucrose dolomite
nmb39-19-32cbd	6,202.0	6,203.0	324PRDX	3.7	1.500000	Sucrose, limy dolomite
nmb39-19-32cbd	6,203.0	6,204.0	324PRDX	3.5	0.000000	Sucrose, limy dolomite
nmb39-19-32cbd	6,204.0	6,205.0	324PRDX	4.4	0.000000	Sucrose, limy dolomite
nmb39-19-32cbd	6,205.0	6,206.0	324PRDX	3.5	7.200000	Fractured, shaly dolomite
nmb39-19-32cbd	6,206.0	6,207.0	324PRDX	4.1	5.200000	Fractured, shaly dolomite
nmb39-19-32cbd	6,207.0	6,208.0	324PRDX	3.5	33.000000	Fractured, shaly dolomite
nmb39-19-32cbd	6,208.0	6,209.0	324PRDX	2.3	0.000000	Shaly dolomite
nmb39-19-32cbd	6,209.0	6,210.0	324PRDX	4.5	2.100000	Fractured, shaly dolomite
nmb39-19-32cbd	6,210.0	6,211.0	324PRDX	4.0	18.000000	Fractured, shaly dolomite
nmb39-19-32cbd	6,232.0	6,233.0	324PRDX	2.2	0.000000	Shaly dolomite
nmb39-19-32cbd	6,233.0	6,234.0	324PRDX	4.6	0.400000	Shaly, limy dolomite
nmb39-19-32cbd	6,234.0	6,235.0	324PRDX	4.3	0.000000	Shaly dolomite
nmb39-19-32cbd	6,237.0	6,238.0	324PRDX	5.5	0.000000	Shaly dolomite
nmb39-19-32cbd	6,238.0	6,239.0	324PRDX	4.5	0.000000	Shaly dolomite
nmb39-19-32cbd	6,239.0	6,240.0	324PRDX	6.7	12.000000	Fractured, shaly dolomite
nmb39-19-32cbd	6,241.0	6,242.0	324PRDX	3.3	0.000000	Shaly, limy dolomite
AVERAGE--				4.0	4.723529	
SITE AVERAGE-----				4.0	4.723529	
nmb41-18-33ab	4,263.0	4,264.0	321HKTL	8.8	0.010000	Silty sandstone
nmb41-18-33ab	4,265.0	4,266.0	321HKTL	1.0	0.010000	Silty sandstone
nmb41-18-33ab	4,266.0	4,267.0	321HKTL	0.8	0.010000	Silty sandstone
nmb41-18-33ab	4,267.0	4,268.0	321HKTL	0.8	0.010000	Silty sandstone
nmb41-18-33ab	4,268.0	4,269.0	321HKTL	1.2	0.010000	Silty sandstone
nmb41-18-33ab	4,272.0	4,273.0	321HKTL	1.3	0.010000	Silty sandstone
nmb41-18-33ab	4,273.0	4,274.0	321HKTL	12.9	0.030000	Silty sandstone
nmb41-18-33ab	4,274.0	4,275.0	321HKTL	12.0	0.240000	Silty sandstone
nmb41-18-33ab	4,275.0	4,276.0	321HKTL	9.5	0.270000	Silty sandstone
nmb41-18-33ab	4,276.0	4,277.0	321HKTL	12.1	0.190000	Silty sandstone
nmb41-18-33ab	4,277.0	4,278.0	321HKTL	9.2	0.010000	Silty sandstone
nmb41-18-33ab	4,278.0	4,279.0	321HKTL	7.0	0.010000	Silty sandstone
nmb41-18-33ab	4,279.0	4,280.0	321HKTL	1.9	0.010000	Silty sandstone
nmb41-18-33ab	4,280.0	4,281.0	321HKTL	2.7	0.030000	Silty sandstone
nmb41-18-33ab	4,281.0	4,282.0	321HKTL	1.7	0.010000	Silty sandstone
nmb41-18-33ab	4,282.0	4,283.0	321HKTL	0.9	0.010000	Silty sandstone
nmb41-18-33ab	4,283.0	4,284.0	321HKTL	0.8	0.010000	Silty sandstone
nmb41-18-33ab	4,284.0	4,285.0	321HKTL	1.0	0.000000	Silty sandstone
nmb41-18-33ab	4,285.0	4,286.0	321HKTL	1.2	0.010000	Silty sandstone
nmb41-18-33ab	4,286.0	4,287.0	321HKTL	0.9	0.010000	Silty sandstone

Table 4.--Laboratory-determined porosity and permeability--Continued

Site	Depth to top (feet)	Depth to bottom (feet)	Formation	Porosity (percent)	Permeability (millidarcies)	Lithology
nmb41-18-33ab	4,287.0	4,288.0	321HKTL	1.6	0.010000	Silty sandstone
nmb41-18-33ab	4,288.0	4,289.0	321HKTL	3.0	0.010000	Silty sandstone
nmb41-18-33ab	4,293.0	4,294.0	321HKTL	1.8	0.010000	Finely crystalline limestone
nmb41-18-33ab	4,294.0	4,295.0	321HKTL	1.1	0.010000	Finely crystalline limestone
nmb41-18-33ab	4,295.0	4,296.0	321HKTL	1.8	0.010000	Finely crystalline limestone
nmb41-18-33ab	4,298.0	4,299.0	321HKTL	1.4	0.010000	Fossiliferous, finely crystalline limestone
nmb41-18-33ab	4,299.0	4,300.0	321HKTL	1.1	0.020000	Shaly, finely crystalline limestone
nmb41-18-33ab	4,302.0	4,303.0	321HKTL	1.7	0.040000	Finely crystalline limestone
nmb41-18-33ab	4,303.0	4,304.0	321HKTL	1.2	0.010000	Finely crystalline limestone
nmb41-18-33ab	4,304.0	4,305.0	321HKTL	1.1	0.010000	Finely crystalline limestone
nmb41-18-33ab	4,305.0	4,306.0	321HKTL	1.4	0.010000	Finely crystalline limestone
nmb41-18-33ab	4,306.0	4,307.0	321HKTL	1.1	0.010000	Fossiliferous, finely crystalline limestone
nmb41-18-33ab	4,307.0	4,308.0	321HKTL	0.7	0.010000	Finely crystalline limestone
nmb41-18-33ab	4,308.0	4,309.0	321HKTL	1.0	0.010000	Finely crystalline limestone
nmb41-18-33ab	4,309.0	4,310.0	321HKTL	0.7	0.010000	Finely crystalline limestone
nmb41-18-33ab	4,310.0	4,311.0	321HKTL	0.6	0.010000	Finely crystalline limestone
nmb41-18-33ab	4,311.0	4,312.0	321HKTL	1.1	0.010000	Finely crystalline limestone
nmb41-18-33ab	4,312.0	4,313.0	321HKTL	2.3	0.010000	Shaly, finely crystalline limestone
AVERAGE--				3.0	0.029474	
SITE AVERAGE-----				3.0	0.029474	
nmb44-19-16bcc	8,906.0	8,907.8	337LDVL	1.6	0.100000	Dolomite
nmb44-19-16bcc	8,907.8	8,909.8	337LDVL	2.5	0.000000	Dolomite
nmb44-19-16bcc	8,909.8	8,911.5	337LDVL	4.0	0.000000	Shale
nmb44-19-16bcc	8,911.5	8,913.4	337LDVL	5.4	0.100000	Dolomite and dolomitic shale
nmb44-19-16bcc	8,913.4	8,915.4	337LDVL	4.5	9.500000	Fine- to medium-crystalline dolomite
nmb44-19-16bcc	8,915.4	8,917.0	337LDVL	1.6	0.000000	Limestone and dolomite
nmb44-19-16bcc	8,917.0	8,918.9	337LDVL	2.8	0.000000	Fine-grained dolomite and limestone
nmb44-19-16bcc	8,918.9	8,920.9	337LDVL	1.5	0.000000	Finely crystalline- to sucrose-limestone
nmb44-19-16bcc	8,920.9	8,922.8	337LDVL	2.2	0.000000	Finely crystalline- to sucrose-limestone
nmb44-19-16bcc	8,922.8	8,925.0	337LDVL	2.8	0.000000	Shaly, sucrose limestone
nmb44-19-16bcc	8,925.0	8,926.8	337LDVL	1.3	0.000000	Shaly, finely crystalline limestone
nmb44-19-16bcc	8,926.8	8,929.0	337LDVL	1.0	0.000000	Shaly, finely crystalline limestone
nmb44-19-16bcc	8,929.0	8,931.0	337LDVL	3.8	0.000000	Dolomitic shale and shaly limestone
nmb44-19-16bcc	8,931.0	8,933.0	337LDVL	3.2	0.000000	Shale and finely crystalline limestone
nmb44-19-16bcc	8,933.0	8,934.8	337LDVL	1.3	0.000000	Shaly, finely crystalline limestone
nmb44-19-16bcc	8,934.8	8,936.3	337LDVL	0.7	20.000000	Shaly, finely crystalline limestone
nmb44-19-16bcc	8,936.3	8,938.3	337LDVL	0.5	0.000000	Shaly, finely crystalline limestone
nmb44-19-16bcc	8,938.3	8,940.0	337LDVL	1.8	0.000000	Shaly, finely crystalline limestone
nmb44-19-16bcc	8,940.0	8,941.9	337LDVL	1.0	0.000000	Finely crystalline limestone
nmb44-19-16bcc	8,941.9	8,943.0	337LDVL	1.7	0.000000	Finely crystalline limestone
nmb44-19-16bcc	8,943.0	8,945.0	337LDVL	0.9	1.100000	Limestone
nmb44-19-16bcc	8,945.0	8,946.7	337LDVL	0.9	0.100000	Limestone
nmb44-19-16bcc	8,946.7	8,948.2	337LDVL	1.1	0.000000	Limestone
nmb44-19-16bcc	8,948.2	8,950.0	337LDVL	1.7	0.000000	Limestone and shale
nmb44-19-16bcc	8,950.0	8,951.5	337LDVL	1.1	0.200000	Finely crystalline limestone
nmb44-19-16bcc	8,951.5	8,953.0	337LDVL	1.7	0.000000	Finely crystalline limestone
nmb44-19-16bcc	8,953.0	8,955.0	337LDVL	1.3	0.000000	Finely crystalline limestone
nmb44-19-16bcc	8,955.0	8,956.5	337LDVL	1.5	0.000000	Fossiliferous limestone
nmb44-19-16bcc	8,956.5	8,958.2	337LDVL	1.2	0.000000	Finely to coarsely crystalline limestone
nmb44-19-16bcc	8,958.2	8,960.0	337LDVL	1.4	0.000000	Finely to coarsely crystalline limestone

Table 4.--Laboratory-determined porosity and permeability--Continued

Site	Depth to top (feet)	Depth to bottom (feet)	Formation	Porosity (percent)	Permeability (millidarcies)	Lithology
nmb44-19-16bcc	8,960.0	8,962.0	337LDVL	1.3	0.000000	Finely to coarsely crystalline limestone
nmb44-19-16bcc	8,962.0	8,963.8	337LDVL	1.7	0.000000	Finely to coarsely crystalline limestone
nmb44-19-16bcc	8,963.8	8,965.5	337LDVL	1.7	0.100000	Finely to coarsely crystalline limestone
nmb44-19-16bcc	8,965.5	8,967.0	337LDVL	1.3	0.000000	Finely to coarsely crystalline limestone
nmb44-19-16bcc	8,968.0	8,969.0	337LDVL	1.7	0.000000	Finely to coarsely crystalline limestone
nmb44-19-16bcc	8,969.0	8,971.0	337LDVL	1.4	0.000000	Finely to coarsely crystalline limestone
nmb44-19-16bcc	8,971.0	8,972.6	337LDVL	1.3	0.400000	Finely to coarsely crystalline limestone
nmb44-19-16bcc	8,972.6	8,974.5	337LDVL	1.7	0.000000	Finely to coarsely crystalline limestone
nmb44-19-16bcc	8,974.5	8,976.0	337LDVL	1.4	0.100000	Finely to coarsely crystalline limestone
nmb44-19-16bcc	8,976.0	8,978.0	337LDVL	1.5	0.100000	Finely to coarsely crystalline limestone
nmb44-19-16bcc	8,978.0	8,979.6	337LDVL	1.3	0.000000	Finely to coarsely crystalline limestone
nmb44-19-16bcc	8,979.6	8,981.3	337LDVL	1.1	0.000000	Finely to coarsely crystalline limestone
nmb44-19-16bcc	8,981.3	8,983.0	337LDVL	1.1	0.000000	Finely to coarsely crystalline limestone
nmb44-19-16bcc	8,983.0	8,984.7	337LDVL	1.1	0.000000	Finely to coarsely crystalline limestone
nmb44-19-16bcc	8,984.7	8,986.5	337LDVL	1.6	0.200000	Finely to coarsely crystalline limestone
nmb44-19-16bcc	8,986.5	8,988.0	337LDVL	1.5	0.000000	Finely to coarsely crystalline limestone
nmb44-19-16bcc	8,988.0	8,990.0	337LDVL	1.5	0.000000	Finely to coarsely crystalline limestone
nmb44-19-16bcc	8,990.0	8,992.0	337LDVL	2.7	0.000000	Finely to coarsely crystalline limestone
nmb44-19-16bcc	8,992.0	8,994.0	337LDVL	3.1	0.000000	Finely to coarsely crystalline limestone
nmb44-19-16bcc	8,994.0	8,995.7	337LDVL	2.7	0.000000	Finely to coarsely crystalline limestone
nmb44-19-16bcc	8,995.7	8,997.0	337LDVL	1.9	0.000000	Finely to coarsely crystalline limestone
nmb44-19-16bcc	8,997.0	8,998.6	337LDVL	1.2	0.000000	Finely to coarsely crystalline limestone
nmb44-19-16bcc	8,998.6	9,000.2	337LDVL	2.0	0.000000	Finely crystalline limestone
nmb44-19-16bcc	9,000.2	9,002.0	337LDVL	1.3	0.000000	Finely crystalline limestone
nmb44-19-16bcc	9,002.0	9,003.0	337LDVL	1.8	0.000000	Finely crystalline limestone
nmb44-19-16bcc	9,003.0	9,004.8	337LDVL	0.9	0.300000	Finely crystalline limestone
nmb44-19-16bcc	9,004.8	9,006.5	337LDVL	1.3	0.500000	Finely crystalline limestone
nmb44-19-16bcc	9,006.5	9,008.1	337LDVL	1.1	0.700000	Finely crystalline limestone
nmb44-19-16bcc	9,008.1	9,010.0	337LDVL	1.4	0.200000	Finely crystalline limestone
nmb44-19-16bcc	9,010.0	9,011.6	337LDVL	1.2	0.800000	Finely crystalline limestone
nmb44-19-16bcc	9,011.6	9,013.2	337LDVL	1.3	0.500000	Finely crystalline limestone
nmb44-19-16bcc	9,013.2	9,014.9	337LDVL	1.2	3.100000	Finely crystalline limestone
nmb44-19-16bcc	9,014.9	9,016.7	337LDVL	0.9	4.500000	Finely crystalline limestone
nmb44-19-16bcc	9,016.7	9,018.5	337LDVL	0.7	0.400000	Finely crystalline limestone
nmb44-19-16bcc	9,018.5	9,020.1	337LDVL	1.2	0.000000	Finely crystalline limestone
nmb44-19-16bcc	9,020.1	9,022.0	337LDVL	3.4	0.000000	Finely crystalline dolomite
nmb44-19-16bcc	9,022.0	9,023.5	337LDVL	1.1	0.000000	Dolomite and limestone
nmb44-19-16bcc	9,023.5	9,025.3	337LDVL	1.0	3.200000	Finely crystalline limestone
nmb44-19-16bcc	9,025.3	9,027.0	337LDVL	0.8	0.000000	Finely crystalline limestone
nmb44-19-16bcc	9,027.0	9,028.8	337LDVL	1.0	0.000000	Finely crystalline limestone
nmb44-19-16bcc	9,028.8	9,030.7	337LDVL	0.7	0.000000	Finely crystalline limestone
nmb44-19-16bcc	9,030.7	9,032.3	337LDVL	0.9	0.000000	Finely crystalline limestone
nmb44-19-16bcc	9,032.3	9,034.2	337LDVL	0.8	0.000000	Finely crystalline limestone
nmb44-19-16bcc	9,034.2	9,035.9	337LDVL	0.9	1.000000	Finely crystalline limestone
nmb44-19-16bcc	9,035.9	9,037.8	337LDVL	1.7	0.100000	Finely crystalline limestone
nmb44-19-16bcc	9,037.8	9,039.5	337LDVL	1.3	5.000000	Finely crystalline and siliceous limestone
nmb44-19-16bcc	9,039.5	9,041.2	337LDVL	1.1	1.800000	Siliceous limestone
nmb44-19-16bcc	9,041.2	9,043.0	337LDVL	1.0	0.900000	Siliceous and fossiliferous limestone
nmb44-19-16bcc	9,043.0	9,044.6	337LDVL	0.9	0.000000	Fossiliferous limestone
nmb44-19-16bcc	9,044.6	9,046.2	337LDVL	0.9	0.000000	Fossiliferous limestone



Table 4.--Laboratory-determined porosity and permeability--Continued

Site	Depth to top (feet)	Depth to bottom (feet)	Formation	Porosity (percent)	Permeability (millidarcies)	Lithology
nmb44-19-16bcc	9,046.2	9,048.0	337LDVL	1.0	0.000000	Fossiliferous limestone
nmb44-19-16bcc	9,048.0	9,049.5	337LDVL	1.2	0.000000	Fossiliferous limestone
nmb44-19-16bcc	9,049.5	9,051.2	337LDVL	0.9	0.000000	Fossiliferous limestone
nmb44-19-16bcc	9,051.2	9,053.0	337LDVL	1.0	0.000000	Fossiliferous limestone
nmb44-19-16bcc	9,053.0	9,056.5	337LDVL	1.0	0.000000	Fossiliferous limestone
nmb44-19-16bcc	9,056.5	9,058.0	337LDVL	1.4	0.000000	Fossiliferous limestone
nmb44-19-16bcc	9,058.0	9,060.0	337LDVL	0.9	0.000000	Fossiliferous limestone
nmb44-19-16bcc	9,060.0	9,062.0	337LDVL	0.8	0.000000	Fossiliferous limestone
nmb44-19-16bcc	9,062.0	9,064.9	337LDVL	2.2	0.000000	Limestone and dolomitic limestone
nmb44-19-16bcc	9,064.9	9,066.5	337LDVL	10.9	21.000000	Dolomite
nmb44-19-16bcc	9,066.5	9,068.3	337LDVL	13.7	3.200000	Dolomite
nmb44-19-16bcc	9,068.3	9,070.2	337LDVL	18.9	2.400000	Dolomite
nmb44-19-16bcc	9,070.2	9,071.5	337LDVL	18.6	11.000000	Dolomite
nmb44-19-16bcc	9,071.5	9,073.2	337LDVL	14.8	1.500000	Dolomite
nmb44-19-16bcc	9,073.2	9,074.8	337LDVL	14.6	5.500000	Dolomite
nmb44-19-16bcc	9,074.8	9,076.6	337LDVL	9.9	78.000000	Dolomite
nmb44-19-16bcc	9,076.6	9,078.3	337LDVL	12.9	6.800000	Dolomite
nmb44-19-16bcc	9,078.3	9,080.0	337LDVL	2.4	0.200000	Dolomite and limestone
nmb44-19-16bcc	9,080.0	9,081.5	337LDVL	0.4	0.000000	Fossiliferous, finely crystalline limestone
nmb44-19-16bcc	9,081.5	9,083.5	337LDVL	0.7	0.000000	Fossiliferous, finely crystalline limestone
nmb44-19-16bcc	9,083.5	9,085.0	337LDVL	0.4	0.300000	Fossiliferous, finely crystalline limestone
nmb44-19-16bcc	9,085.0	9,086.8	337LDVL	0.5	0.000000	Fossiliferous, finely crystalline limestone
nmb44-19-16bcc	9,086.8	9,087.9	337LDVL	1.5	0.300000	Fossiliferous, finely crystalline limestone
nmb44-19-16bcc	9,087.9	9,089.2	337LDVL	2.1	0.000000	Finely crystalline limestone
nmb44-19-16bcc	9,089.2	9,091.0	337LDVL	1.9	0.000000	Finely crystalline limestone
nmb44-19-16bcc	9,091.0	9,093.0	337LDVL	4.1	0.000000	Dolomite
nmb44-19-16bcc	9,093.0	9,095.0	337LDVL	2.8	2.800000	Dolomite
nmb44-19-16bcc	9,095.0	9,096.5	337LDVL	5.0	673.000000	Dolomite
nmb44-19-16bcc	9,096.5	9,098.0	337LDVL	7.8	0.100000	Dolomite
nmb44-19-16bcc	9,098.0	9,100.0	337LDVL	7.1	0.220000	Dolomite
nmb44-19-16bcc	9,100.0	9,102.5	337LDVL	7.9	5.100000	Dolomite
nmb44-19-16bcc	9,102.5	9,104.5	337LDVL	6.3	0.100000	Dolomite
nmb44-19-16bcc	9,104.5	9,106.1	337LDVL	6.0	0.000000	Dolomite
nmb44-19-16bcc	9,106.1	9,108.0	337LDVL	9.9	0.290000	Dolomite
nmb44-19-16bcc	9,108.0	9,110.0	337LDVL	10.4	1.500000	Dolomite
nmb44-19-16bcc	9,110.0	9,111.9	337LDVL	7.1	0.100000	Dolomite
nmb44-19-16bcc	9,111.9	9,113.6	337LDVL	11.6	22.000000	Finely crystalline dolomite
nmb44-19-16bcc	9,113.6	9,115.5	337LDVL	9.2	0.500000	Finely crystalline dolomite
nmb44-19-16bcc	9,115.5	9,117.2	337LDVL	2.9	53.000000	Finely crystalline dolomite
nmb44-19-16bcc	9,117.2	9,119.0	337LDVL	3.9	9.500000	Finely crystalline dolomite
nmb44-19-16bcc	9,119.0	9,121.0	337LDVL	2.8	0.600000	Finely crystalline dolomite
nmb44-19-16bcc	9,121.0	9,123.0	337LDVL	3.4	0.000000	Finely crystalline dolomite
nmb44-19-16bcc	9,123.0	9,124.8	337LDVL	5.1	0.660000	Finely crystalline dolomite
nmb44-19-16bcc	9,124.8	9,126.4	337LDVL	4.8	0.000000	Finely crystalline, dolomitic limestone
nmb44-19-16bcc	9,126.4	9,128.3	337LDVL	2.5	0.000000	Dolomitic limestone and dolomite
nmb44-19-16bcc	9,128.3	9,130.1	337LDVL	5.1	0.000000	Finely crystalline dolomite
nmb44-19-16bcc	9,130.1	9,132.8	337LDVL	5.5	1.300000	Finely crystalline dolomite
nmb44-19-16bcc	9,132.8	9,134.9	337LDVL	4.9	1.600000	Finely crystalline dolomite
nmb44-19-16bcc	9,134.9	9,136.8	337LDVL	5.6	39.000000	Finely crystalline dolomite
nmb44-19-16bcc	9,136.8	9,138.2	337LDVL	1.8	0.800000	Finely crystalline limestone and dolomite

Table 4.--Laboratory-determined porosity and permeability--Continued

Site	Depth to top (feet)	Depth to bottom (feet)	Formation	Porosity (percent)	Permeability (millidarcies)	Lithology
nmb44-19-16bcc	9,138.2	9,140.0	337LDVL	1.6	0.300000	Shaly, finely crystalline dolomite
			AVERAGE--	3.1	7.615802	
nmb44-19-16bcc	9,203.0	9,204.0	3410URY	0.5	0.070000	Shaly, finely crystalline limestone
nmb44-19-16bcc	9,205.0	9,206.0	3410URY	1.0	0.010000	Shaly, finely crystalline limestone
nmb44-19-16bcc	9,207.0	9,208.0	3410URY	1.5	0.010000	Shaly, finely crystalline limestone
nmb44-19-16bcc	9,209.0	9,210.0	3410URY	0.7	0.000000	Shaly, finely crystalline limestone
nmb44-19-16bcc	9,211.0	9,212.0	3410URY	0.6	0.000000	Shaly, finely crystalline limestone
nmb44-19-16bcc	9,213.0	9,214.0	3410URY	0.5	0.000000	Shaly, finely crystalline limestone
nmb44-19-16bcc	9,215.0	9,216.0	3410URY	1.2	0.000000	Shaly, finely crystalline limestone
nmb44-19-16bcc	9,217.0	9,218.0	3410URY	1.0	0.000000	Shaly, finely crystalline limestone
nmb44-19-16bcc	9,219.0	9,220.0	3410URY	0.6	0.000000	Shaly, finely crystalline limestone
nmb44-19-16bcc	9,221.0	9,222.0	3410URY	3.3	0.000000	Shaly, finely crystalline limestone
nmb44-19-16bcc	9,223.0	9,224.0	3410URY	0.3	0.020000	Shaly, finely crystalline limestone
nmb44-19-16bcc	9,225.0	9,226.0	3410URY	0.7	0.000000	Shaly, finely crystalline limestone
nmb44-19-16bcc	9,227.0	9,228.0	3410URY	0.3	0.000000	Shaly limestone
nmb44-19-16bcc	9,229.0	9,230.0	3410URY	0.5	0.000000	Shaly limestone
nmb44-19-16bcc	9,231.0	9,232.0	3410URY	0.3	0.000000	Shaly limestone
nmb44-19-16bcc	9,233.0	9,234.0	3410URY	0.3	0.000000	Shaly limestone
nmb44-19-16bcc	9,235.0	9,236.0	3410URY	0.5	0.000000	Shaly limestone
nmb44-19-16bcc	9,237.0	9,238.0	3410URY	0.7	0.000000	Shaly limestone
nmb44-19-16bcc	9,239.0	9,240.0	3410URY	0.7	0.000000	Shaly limestone
nmb44-19-16bcc	9,241.0	9,242.0	3410URY	0.7	0.000000	Shaly limestone
nmb44-19-16bcc	9,243.0	9,244.0	3410URY	0.8	0.000000	Shaly limestone
nmb44-19-16bcc	9,245.0	9,246.0	3410URY	0.5	0.000000	Shaly limestone
nmb44-19-16bcc	9,247.0	9,248.0	3410URY	0.5	0.010000	Shaly limestone
nmb44-19-16bcc	9,251.0	9,252.0	3410URY	0.5	0.000000	Shaly limestone
nmb44-19-16bcc	9,253.0	9,254.0	3410URY	0.7	0.000000	Shaly limestone
nmb44-19-16bcc	9,255.0	9,256.0	3410URY	0.5	0.000000	Shaly, medium-crystalline limestone
nmb44-19-16bcc	9,257.0	9,258.0	3410URY	0.5	0.000000	Shaly, medium-crystalline limestone
nmb44-19-16bcc	9,259.0	9,260.0	3410URY	0.5	0.000000	Shaly, medium-crystalline limestone
nmb44-19-16bcc	9,261.0	9,262.0	3410URY	1.0	0.000000	Shaly, medium-crystalline limestone
nmb44-19-16bcc	9,263.0	9,264.0	3410URY	1.8	0.000000	Finely crystalline limestone
			AVERAGE--	0.8	0.004000	
nmb44-19-16bcc	9,268.0	9,269.0	341ELBR	1.7	0.030000	Dolomite
nmb44-19-16bcc	9,273.0	9,274.0	341ELBR	2.0	0.000000	Finely crystalline dolomite
nmb44-19-16bcc	9,278.0	9,279.0	341ELBR	1.5	0.000000	Finely crystalline dolomite
nmb44-19-16bcc	9,283.0	9,284.0	341ELBR	5.9	0.030000	Finely crystalline dolomite
nmb44-19-16bcc	9,288.0	9,289.0	341ELBR	1.1	0.020000	Finely crystalline dolomite
nmb44-19-16bcc	9,293.0	9,294.0	341ELBR	0.9	0.000000	Shaly, finely crystalline dolomite
nmb44-19-16bcc	9,298.0	9,299.0	341ELBR	1.1	0.020000	Shaly, finely crystalline dolomite
nmb44-19-16bcc	9,303.0	9,304.0	341ELBR	0.5	0.000000	Finely crystalline dolomite
nmb44-19-16bcc	9,308.0	9,309.0	341ELBR	1.0	0.010000	Finely crystalline dolomite
nmb44-19-16bcc	9,311.0	9,312.0	341ELBR	1.2	0.000000	Finely crystalline dolomite
nmb44-19-16bcc	9,312.0	9,313.0	341ELBR	0.3	0.000000	Shale
nmb44-19-16bcc	9,324.0	9,325.0	341ELBR	0.5	0.000000	Finely crystalline dolomite
nmb44-19-16bcc	9,344.0	9,345.0	341ELBR	1.2	0.000000	Shaly, finely crystalline dolomite
nmb44-19-16bcc	9,345.0	9,346.0	341ELBR	1.2	0.130000	Shaly, finely crystalline dolomite
nmb44-19-16bcc	9,346.0	9,347.0	341ELBR	0.8	0.020000	Shaly, finely crystalline dolomite

Table 4.--Laboratory-determined porosity and permeability--Continued

Site	Depth to top (feet)	Depth to bottom (feet)	Formation	Porosity (percent)	Permeability (millidarcies)	Lithology
nmb44-19-16bcc	9,347.0	9,348.0	341ELBR	1.9	0.080000	Shaly, finely crystalline dolomite
nmb44-19-16bcc	9,348.0	9,349.0	341ELBR	4.3	4.400000	Crystalline dolomite
nmb44-19-16bcc	9,349.0	9,350.0	341ELBR	7.4	7.000000	Crystalline dolomite
nmb44-19-16bcc	9,350.0	9,351.0	341ELBR	6.6	0.210000	Crystalline dolomite
nmb44-19-16bcc	9,351.0	9,352.0	341ELBR	5.5	0.400000	Crystalline dolomite
nmb44-19-16bcc	9,352.0	9,353.0	341ELBR	2.2	0.020000	Crystalline dolomite
nmb44-19-16bcc	9,353.0	9,354.0	341ELBR	3.2	1.000000	Crystalline dolomite
nmb44-19-16bcc	9,354.0	9,355.0	341ELBR	4.1	0.230000	Crystalline dolomite
nmb44-19-16bcc	9,356.0	9,357.0	341ELBR	1.2	0.010000	Shaly, finely crystalline dolomite
nmb44-19-16bcc	9,358.0	9,359.0	341ELBR	3.0	0.210000	Crystalline dolomite
nmb44-19-16bcc	9,360.0	9,361.0	341ELBR	6.0	0.030000	Crystalline dolomite
nmb44-19-16bcc	9,362.0	9,363.0	341ELBR	2.8	0.380000	Crystalline dolomite
nmb44-19-16bcc	9,364.0	9,365.0	341ELBR	0.5	0.000000	Crystalline dolomite
nmb44-19-16bcc	9,366.0	9,367.0	341ELBR	2.3	0.030000	Crystalline dolomite
nmb44-19-16bcc	9,368.0	9,369.0	341ELBR	4.9	0.290000	Crystalline dolomite
nmb44-19-16bcc	9,370.0	9,371.0	341ELBR	1.0	0.070000	Crystalline dolomite
nmb44-19-16bcc	9,372.0	9,373.0	341ELBR	2.3	0.030000	Crystalline dolomite
nmb44-19-16bcc	9,374.0	9,375.0	341ELBR	1.2	0.000000	Crystalline dolomite
nmb44-19-16bcc	9,376.0	9,377.0	341ELBR	0.6	0.010000	Crystalline dolomite
nmb44-19-16bcc	9,378.0	9,379.0	341ELBR	1.4	0.010000	Crystalline dolomite
nmb44-19-16bcc	9,380.0	9,381.0	341ELBR	0.5	0.000000	Crystalline dolomite
nmb44-19-16bcc	9,382.0	9,383.0	341ELBR	0.8	0.000000	Crystalline dolomite
nmb44-19-16bcc	9,384.0	9,385.0	341ELBR	0.8	0.070000	Crystalline dolomite
nmb44-19-16bcc	9,386.0	9,387.0	341ELBR	2.4	0.010000	Crystalline dolomite
nmb44-19-16bcc	9,388.0	9,389.0	341ELBR	0.6	0.010000	Crystalline dolomite
nmb44-19-16bcc	9,390.0	9,391.0	341ELBR	0.8	0.000000	Crystalline dolomite
nmb44-19-16bcc	9,392.0	9,393.0	341ELBR	0.8	0.010000	Crystalline dolomite
nmb44-19-16bcc	9,394.0	9,395.0	341ELBR	3.4	1.100000	Crystalline dolomite
nmb44-19-16bcc	9,396.0	9,397.0	341ELBR	1.1	0.000000	Fine- to medium-grained dolomitic sandstone
nmb44-19-16bcc	9,398.0	9,399.0	341ELBR	1.3	0.020000	Fine- to medium-grained dolomitic sandstone
nmb44-19-16bcc	9,400.0	9,401.0	341ELBR	2.1	0.020000	Fine- to medium-grained dolomitic sandstone
nmb44-19-16bcc	9,402.0	9,403.0	341ELBR	6.0	0.320000	Fine- to medium-grained dolomitic sandstone
nmb44-19-16bcc	9,404.0	9,405.0	341ELBR	1.2	0.020000	Fine- to medium-grained quartz sandstone
nmb44-19-16bcc	9,406.0	9,407.0	341ELBR	4.0	0.010000	Finely crystalline dolomite
nmb44-19-16bcc	9,408.0	9,409.0	341ELBR	3.6	0.020000	Shaly, medium-crystalline dolomite
nmb44-19-16bcc	9,410.0	9,411.0	341ELBR	1.7	0.000000	Shaly, medium-crystalline dolomite
nmb44-19-16bcc	9,412.0	9,413.0	341ELBR	2.0	0.000000	Fine-grained, glauconitic and dolomitic sandstone
nmb44-19-16bcc	9,414.0	9,415.0	341ELBR	1.4	0.000000	Shale
nmb44-19-16bcc	9,416.0	9,417.0	341ELBR	3.9	0.070000	Shaly, fine- to medium-grained sandstone
nmb44-19-16bcc	9,418.0	9,419.0	341ELBR	1.0	0.100000	Shaly quartzite
nmb44-19-16bcc	9,420.0	9,421.0	341ELBR	1.1	0.110000	Shaly quartzite
nmb44-19-16bcc	9,422.0	9,423.0	341ELBR	1.9	0.000000	Shaly quartzite
nmb44-19-16bcc	9,424.0	9,425.0	341ELBR	2.2	0.000000	Medium-crystalline dolomite
nmb44-19-16bcc	9,426.0	9,427.0	341ELBR	2.2	0.000000	Medium-crystalline dolomite
nmb44-19-16bcc	9,428.0	9,429.0	341ELBR	1.2	0.000000	Quartzite
nmb44-19-16bcc	9,430.0	9,431.0	341ELBR	2.5	0.010000	Sandy shale
nmb44-19-16bcc	9,432.0	9,433.0	341ELBR	3.1	0.000000	Shaly, finely crystalline dolomite
nmb44-19-16bcc	9,434.0	9,435.0	341ELBR	1.6	0.000000	Shaly, finely crystalline dolomite
nmb44-19-16bcc	9,436.0	9,437.0	341ELBR	1.2	0.000000	Shaly, finely crystalline dolomite
nmb44-19-16bcc	9,438.0	9,439.0	341ELBR	2.4	0.000000	Shaly, finely crystalline dolomite

Table 4.--Laboratory-determined porosity and permeability--Continued

Site	Depth to top (feet)	Depth to bottom (feet)	Formation	Porosity (percent)	Permeability (millidarcies)	Lithology
nmb44-19-16bcc	9,440.0	9,441.0	341ELBR	3.1	0.000000	Shaly, finely crystalline dolomite
nmb44-19-16bcc	9,442.0	9,443.0	341ELBR	1.3	0.000000	Shaly, finely crystalline dolomite
nmb44-19-16bcc	9,444.0	9,445.0	341ELBR	1.9	0.000000	Fine-grained quartz sandstone
nmb44-19-16bcc	9,446.0	9,447.0	341ELBR	1.0	0.000000	Shaly, fine- to medium-crystalline dolomite
nmb44-19-16bcc	9,448.0	9,449.0	341ELBR	2.5	0.360000	Shaly, fine- to medium-crystalline dolomite
nmb44-19-16bcc	9,450.0	9,451.0	341ELBR	6.5	0.040000	Fine-grained glauconitic sandstone
nmb44-19-16bcc	9,452.0	9,453.0	341ELBR	5.0	0.000000	Fine-grained glauconitic sandstone
nmb44-19-16bcc	9,454.0	9,455.0	341ELBR	4.1	0.020000	Fine- to medium-grained glauconitic quartzite
nmb44-19-16bcc	9,456.0	9,457.0	341ELBR	8.5	0.710000	Fine- to medium-grained dolomitic sandstone
nmb44-19-16bcc	9,458.0	9,459.0	341ELBR	8.1	3.700000	Fine- to medium-grained dolomitic sandstone
nmb44-19-16bcc	9,460.0	9,461.0	341ELBR	5.9	0.380000	Fine- to medium-grained dolomitic sandstone
nmb44-19-16bcc	9,462.0	9,463.0	341ELBR	5.7	0.310000	Fine- to medium-grained dolomitic sandstone
nmb44-19-16bcc	9,464.0	9,465.0	341ELBR	3.2	0.000000	Fine- to medium-grained quartz sandstone
nmb44-19-16bcc	9,466.0	9,467.0	341ELBR	5.1	0.120000	Fine- to medium-grained quartz sandstone
nmb44-19-16bcc	9,468.0	9,469.0	341ELBR	4.6	0.000000	Shaly, finely crystalline dolomite
nmb44-19-16bcc	9,470.0	9,471.0	341ELBR	5.2	0.000000	Shaly, finely crystalline dolomite
nmb44-19-16bcc	9,472.0	9,473.0	341ELBR	3.4	0.010000	Coarse-grained sandstone
nmb44-19-16bcc	9,474.0	9,475.0	341ELBR	2.7	0.040000	Coarse-grained sandstone
nmb44-19-16bcc	9,476.0	9,477.0	341ELBR	3.8	0.000000	Coarse-grained sandstone
AVERAGE--				2.7	0.265000	
SITE AVERAGE-----				2.7	4.163469	
nmb47-18-10cbb	67.0	67.1	317CTLR	14.8	1.400000	Very fine-grained sandstone
nmb47-18-10cbb	68.0	68.1	317CTLR	15.4	3.800000	Very fine-grained sandstone
nmb47-18-10cbb	69.0	69.1	317CTLR	17.1	2.100000	Very fine-grained sandstone
nmb47-18-10cbb	70.0	70.1	317CTLR	17.9	1.300000	Very fine-grained sandstone
nmb47-18-10cbb	71.2	71.3	317CTLR	9.4	0.020000	Very fine-grained sandstone
nmb47-18-10cbb	72.0	72.1	317CTLR	11.9	2.400000	Very fine-grained sandstone
nmb47-18-10cbb	73.1	73.2	317CTLR	13.0	0.350000	Very fine-grained sandstone
nmb47-18-10cbb	74.1	74.2	317CTLR	13.4	0.400000	Very fine-grained sandstone
nmb47-18-10cbb	95.1	95.2	317CTLR	6.3	0.020000	Medium- to coarse-grained sandstone
nmb47-18-10cbb	96.0	96.1	317CTLR	15.3	40.000000	Medium- to coarse-grained sandstone
nmb47-18-10cbb	97.3	97.4	317CTLR	18.2	34.000000	Friable, medium- to coarse-grained sandstone
nmb47-18-10cbb	133.2	133.3	317CTLR	10.1	0.200000	Very fine-grained sandstone
nmb47-18-10cbb	134.0	134.1	317CTLR	11.0	0.070000	Very fine-grained sandstone
nmb47-18-10cbb	135.0	135.1	317CTLR	7.9	0.040000	Very fine-grained sandstone
nmb47-18-10cbb	154.9	155.0	317CTLR	18.6	3.300000	Very fine- to coarse-grained sandstone
nmb47-18-10cbb	156.1	156.2	317CTLR	17.3	27.000000	Coarse-grained sandstone
nmb47-18-10cbb	157.4	157.5	317CTLR	13.1	0.300000	Very fine- to coarse-grained sandstone
nmb47-18-10cbb	223.3	223.4	317CTLR	9.6	0.110000	Very fine-grained sandstone
nmb47-18-10cbb	224.3	224.4	317CTLR	11.6	8.900000	Very fine-grained sandstone
nmb47-18-10cbb	236.3	236.4	317CTLR	12.5	0.200000	Very fine-grained sandstone
nmb47-18-10cbb	237.3	237.4	317CTLR	13.1	0.250000	Very fine-grained sandstone
nmb47-18-10cbb	238.3	238.4	317CTLR	16.9	0.600000	Fine-grained sandstone
nmb47-18-10cbb	239.3	239.4	317CTLR	13.3	0.250000	Fine- to coarse-grained sandstone
nmb47-18-10cbb	240.3	240.4	317CTLR	14.3	0.600000	Fine- to coarse-grained sandstone
nmb47-18-10cbb	241.3	241.4	317CTLR	16.3	6.000000	Fine- to coarse-grained sandstone

Table 4.--Laboratory-determined porosity and permeability--Continued

Site	Depth to top (feet)	Depth to bottom (feet)	Formation	Porosity (percent)	Permeability (millidarcies)	Lithology
nmb47-18-10cbb	242.3	242.4	317CTLR	16.3	0.500000	Fine- to coarse-grained sandstone
nmb47-18-10cbb	243.5	243.6	317CTLR	15.7	1.000000	Fine- to coarse-grained sandstone
nmb47-18-10cbb	244.5	244.6	317CTLR	15.0	1.400000	Fine- to coarse-grained sandstone
nmb47-18-10cbb	245.6	245.7	317CTLR	15.3	0.600000	Fine- to coarse-grained sandstone
nmb47-18-10cbb	246.6	246.7	317CTLR	15.4	0.700000	Fine- to coarse- grained sandstone
nmb47-18-10cbb	247.3	247.4	317CTLR	16.0	18.000000	Sandstone with coarse streak
nmb47-18-10cbb	248.0	248.1	317CTLR	14.1	2.500000	Fine- to coarse-grained sandstone
nmb47-18-10cbb	249.0	249.1	317CTLR	11.9	0.300000	Siltstone
nmb47-18-10cbb	254.9	255.0	317CTLR	14.1	13.000000	Sandstone with coarse streak
nmb47-18-10cbb	255.9	256.0	317CTLR	17.1	26.000000	Sandstone with coarse streak
nmb47-18-10cbb	256.9	257.0	317CTLR	14.2	36.000000	Fine- to coarse-grained sandstone
nmb47-18-10cbb	262.8	262.9	317CTLR	14.9	0.500000	Fine- to medium-grained sandstone
nmb47-18-10cbb	263.8	263.9	317CTLR	13.7	0.350000	Fine- to medium-grained sandstone
nmb47-18-10cbb	264.7	264.8	317CTLR	14.2	1.800000	Fine- to medium-grained sandstone
nmb47-18-10cbb	265.9	266.0	317CTLR	6.6	0.460000	Fine- to coarse-grained sandstone
AVERAGE--				13.8	5.918000	
SITE AVERAGE-----				13.8	5.918000	
sb02-101-31dab	6,160.0	6,161.0	321WEBR	1.8	0.010000	Silty sandstone
sb02-101-31dab	6,162.0	6,163.0	321WEBR	3.1	0.020000	Silty sandstone
sb02-101-31dab	6,164.0	6,165.0	321WEBR	4.5	0.080000	Silty sandstone
sb02-101-31dab	6,166.0	6,167.0	321WEBR	7.2	0.450000	Silty sandstone
sb02-101-31dab	6,168.0	6,169.0	321WEBR	6.3	0.090000	Silty sandstone
sb02-101-31dab	6,170.0	6,171.0	321WEBR	7.1	0.090000	Silty sandstone
sb02-101-31dab	6,172.0	6,173.0	321WEBR	9.4	0.010000	Silty sandstone
sb02-101-31dab	6,174.0	6,175.0	321WEBR	7.7	0.120000	Silty sandstone
sb02-101-31dab	6,176.0	6,177.0	321WEBR	3.2	0.020000	Silty sandstone
sb02-101-31dab	6,178.0	6,179.0	321WEBR	4.5	0.010000	Silty sandstone
sb02-101-31dab	6,181.0	6,182.0	321WEBR	4.5	0.020000	Silty sandstone
sb02-101-31dab	6,183.0	6,184.0	321WEBR	7.1	0.320000	Silty sandstone
sb02-101-31dab	6,185.0	6,186.0	321WEBR	7.7	0.460000	Silty sandstone
sb02-101-31dab	6,187.0	6,188.0	321WEBR	8.4	0.120000	Silty sandstone
sb02-101-31dab	6,189.0	6,190.0	321WEBR	9.4	3.600000	Silty sandstone
sb02-101-31dab	6,191.0	6,192.0	321WEBR	9.5	0.040000	Silty sandstone
sb02-101-31dab	6,192.0	6,193.0	321WEBR	8.3	0.380000	Silty sandstone
sb02-101-31dab	6,193.0	6,194.0	321WEBR	5.4	0.050000	Silty sandstone
sb02-101-31dab	6,194.0	6,195.0	321WEBR	7.4	0.190000	Silty sandstone
sb02-101-31dab	6,195.0	6,196.0	321WEBR	3.2	0.040000	Silty sandstone
sb02-101-31dab	6,202.0	6,203.0	321WEBR	3.9	0.040000	Silty sandstone
sb02-101-31dab	6,204.0	6,205.0	321WEBR	3.3	0.030000	Silty sandstone
sb02-101-31dab	6,206.0	6,207.0	321WEBR	4.7	0.060000	Silty sandstone
sb02-101-31dab	6,208.0	6,209.0	321WEBR	6.1	0.140000	Silty sandstone
sb02-101-31dab	6,210.0	6,211.0	321WEBR	6.7	0.070000	Silty sandstone
sb02-101-31dab	6,212.0	6,213.0	321WEBR	9.6	0.100000	Silty sandstone
sb02-101-31dab	6,214.0	6,215.0	321WEBR	7.0	0.190000	Silty sandstone
sb02-101-31dab	6,216.0	6,217.0	321WEBR	4.1	0.030000	Silty sandstone
sb02-101-31dab	6,217.0	6,218.0	321WEBR	3.7	0.040000	Silty sandstone
sb02-101-31dab	6,222.0	6,223.0	321WEBR	1.8	0.020000	Silty sandstone

Table 4.--Laboratory-determined porosity and permeability--Continued

Site	Depth to top (feet)	Depth to bottom (feet)	Formation	Porosity (percent)	Permeability (millidarcies)	Lithology
sb02-101-31dab	6,224.0	6,225.0	321WEBR	13.3	0.060000	Silty sandstone
sb02-101-31dab	6,225.0	6,226.0	321WEBR	9.4	4.600000	Silty sandstone
sb02-101-31dab	6,227.0	6,228.0	321WEBR	5.6	0.170000	Silty sandstone
sb02-101-31dab	6,228.0	6,229.0	321WEBR	10.7	0.170000	Silty sandstone
sb02-101-31dab	6,233.0	6,234.0	321WEBR	6.3	0.050000	Silty sandstone
sb02-101-31dab	6,234.0	6,235.0	321WEBR	3.1	0.030000	Silty sandstone
sb02-101-31dab	6,236.0	6,237.0	321WEBR	5.4	0.070000	Silty sandstone
sb02-101-31dab	6,238.0	6,239.0	321WEBR	4.6	0.040000	Silty sandstone
sb02-101-31dab	6,240.0	6,241.0	321WEBR	4.6	0.050000	Silty sandstone
sb02-101-31dab	6,242.0	6,243.0	321WEBR	6.8	0.130000	Silty sandstone
sb02-101-31dab	6,244.0	6,245.0	321WEBR	9.3	0.430000	Silty sandstone
sb02-101-31dab	6,246.0	6,247.0	321WEBR	11.0	0.070000	Silty sandstone
sb02-101-31dab	6,248.0	6,249.0	321WEBR	4.9	0.060000	Silty sandstone
sb02-101-31dab	6,249.0	6,250.0	321WEBR	2.9	0.040000	Silty sandstone
sb02-101-31dab	6,252.0	6,253.0	321WEBR	2.2	0.030000	Silty sandstone
sb02-101-31dab	6,254.0	6,255.0	321WEBR	3.8	0.250000	Silty sandstone
sb02-101-31dab	6,256.0	6,257.0	321WEBR	4.3	0.260000	Silty sandstone
sb02-101-31dab	6,258.0	6,259.0	321WEBR	9.8	0.270000	Silty sandstone
sb02-101-31dab	6,260.0	6,261.0	321WEBR	7.1	0.070000	Silty sandstone
sb02-101-31dab	6,262.0	6,263.0	321WEBR	6.8	0.160000	Silty sandstone
sb02-101-31dab	6,264.0	6,265.0	321WEBR	8.0	0.090000	Silty sandstone
sb02-101-31dab	6,265.0	6,266.0	321WEBR	5.8	0.050000	Silty sandstone
sb02-101-31dab	6,267.0	6,268.0	321WEBR	6.8	0.160000	Silty sandstone
sb02-101-31dab	6,269.0	6,270.0	321WEBR	7.1	0.190000	Silty sandstone
sb02-101-31dab	6,271.0	6,272.0	321WEBR	4.0	0.030000	Silty sandstone
sb02-101-31dab	6,273.0	6,274.0	321WEBR	2.9	0.030000	Silty sandstone
sb02-101-31dab	6,275.0	6,276.0	321WEBR	2.9	0.020000	Silty sandstone
sb02-101-31dab	6,277.0	6,278.0	321WEBR	3.2	0.040000	Silty sandstone
sb02-101-31dab	6,279.0	6,280.0	321WEBR	10.1	0.070000	Silty sandstone
sb02-101-31dab	6,281.0	6,282.0	321WEBR	12.7	0.620000	Silty sandstone
sb02-101-31dab	6,283.0	6,284.0	321WEBR	11.0	0.680000	Silty sandstone
sb02-101-31dab	6,285.0	6,286.0	321WEBR	9.3	0.110000	Silty sandstone
sb02-101-31dab	6,287.0	6,288.0	321WEBR	14.5	1.900000	Silty sandstone
sb02-101-31dab	6,289.0	6,290.0	321WEBR	8.1	0.780000	Silty sandstone
sb02-101-31dab	6,291.0	6,292.0	321WEBR	9.3	0.130000	Silty sandstone
sb02-101-31dab	6,293.0	6,294.0	321WEBR	6.8	0.060000	Silty sandstone
sb02-101-31dab	6,295.0	6,296.0	321WEBR	2.7	0.060000	Silty sandstone
sb02-101-31dab	6,297.0	6,298.0	321WEBR	3.2	0.030000	Silty sandstone
sb02-101-31dab	6,299.0	6,300.0	321WEBR	2.9	0.020000	Silty sandstone
sb02-101-31dab	6,301.0	6,302.0	321WEBR	4.0	0.030000	Silty sandstone
sb02-101-31dab	6,303.0	6,304.0	321WEBR	6.9	0.070000	Silty sandstone
sb02-101-31dab	6,305.0	6,306.0	321WEBR	5.4	0.070000	Silty sandstone
sb02-101-31dab	6,307.0	6,308.0	321WEBR	5.3	0.170000	Silty sandstone
sb02-101-31dab	6,309.0	6,310.0	321WEBR	7.4	0.030000	Silty sandstone
sb02-101-31dab	6,311.0	6,312.0	321WEBR	6.5	0.120000	Silty sandstone
sb02-101-31dab	6,313.0	6,314.0	321WEBR	5.6	0.130000	Silty sandstone
sb02-101-31dab	6,315.0	6,316.0	321WEBR	3.9	0.030000	Silty sandstone
sb02-101-31dab	6,317.0	6,318.0	321WEBR	4.6	0.090000	Silty sandstone
sb02-101-31dab	6,319.0	6,320.0	321WEBR	2.3	0.050000	Silty sandstone
sb02-101-31dab	6,321.0	6,322.0	321WEBR	7.4	0.110000	Silty sandstone

Table 4.--Laboratory-determined porosity and permeability--Continued

Site	Depth to top (feet)	Depth to bottom (feet)	Formation	Porosity (percent)	Permeability (millidarcies)	Lithology
sb02-101-31dab	6,322.0	6,323.0	321WEBR	8.2	0.120000	Silty sandstone
sb02-101-31dab	6,324.0	6,325.0	321WEBR	6.6	0.440000	Silty sandstone
sb02-101-31dab	6,326.0	6,327.0	321WEBR	2.8	0.090000	Silty sandstone
sb02-101-31dab	6,328.0	6,329.0	321WEBR	3.7	0.100000	Silty sandstone
sb02-101-31dab	6,330.0	6,331.0	321WEBR	2.8	0.040000	Silty sandstone
sb02-101-31dab	6,334.0	6,335.0	321WEBR	8.0	0.560000	Silty sandstone
sb02-101-31dab	6,336.0	6,337.0	321WEBR	10.7	0.570000	Silty sandstone
sb02-101-31dab	6,338.0	6,339.0	321WEBR	9.8	0.310000	Silty sandstone
sb02-101-31dab	6,340.0	6,341.0	321WEBR	10.7	0.120000	Silty sandstone
sb02-101-31dab	6,342.0	6,343.0	321WEBR	3.4	0.030000	Silty sandstone
sb02-101-31dab	6,344.0	6,345.0	321WEBR	10.2	2.900000	Silty sandstone
sb02-101-31dab	6,346.0	6,347.0	321WEBR	6.9	0.120000	Silty sandstone
sb02-101-31dab	6,348.0	6,349.0	321WEBR	4.8	0.070000	Silty sandstone
sb02-101-31dab	6,350.0	6,351.0	321WEBR	2.5	0.040000	Silty sandstone
sb02-101-31dab	6,351.0	6,352.0	321WEBR	2.0	0.030000	Silty sandstone
sb02-101-31dab	6,358.0	6,359.0	321WEBR	2.3	2.300000	Silty sandstone
sb02-101-31dab	6,360.0	6,361.0	321WEBR	12.0	0.380000	Silty sandstone
sb02-101-31dab	6,362.0	6,363.0	321WEBR	4.4	0.250000	Silty sandstone
sb02-101-31dab	6,364.0	6,365.0	321WEBR	3.7	0.070000	Silty sandstone
sb02-101-31dab	6,366.0	6,367.0	321WEBR	13.7	3.400000	Silty sandstone
sb02-101-31dab	6,368.0	6,369.0	321WEBR	13.7	0.470000	Silty sandstone
sb02-101-31dab	6,370.0	6,371.0	321WEBR	3.6	0.070000	Silty sandstone
sb02-101-31dab	6,372.0	6,373.0	321WEBR	8.1	0.750000	Silty sandstone
sb02-101-31dab	6,373.0	6,374.0	321WEBR	6.7	0.100000	Silty sandstone
sb02-101-31dab	6,375.0	6,376.0	321WEBR	3.7	0.160000	Silty sandstone
sb02-101-31dab	6,378.0	6,379.0	321WEBR	3.9	0.090000	Silty sandstone
sb02-101-31dab	6,379.0	6,380.0	321WEBR	3.6	0.080000	Silty sandstone
sb02-101-31dab	6,381.0	6,382.0	321WEBR	3.2	0.020000	Silty sandstone
sb02-101-31dab	6,383.0	6,384.0	321WEBR	3.6	10.000000	Shaly, silty sandstone
sb02-101-31dab	6,385.0	6,386.0	321WEBR	3.1	0.040000	Silty sandstone
sb02-101-31dab	6,387.0	6,388.0	321WEBR	3.1	0.020000	Shaly, silty sandstone
sb02-101-31dab	6,389.0	6,390.0	321WEBR	3.8	0.060000	Shaly, silty sandstone
sb02-101-31dab	6,391.0	6,392.0	321WEBR	3.3	0.070000	Shaly, silty sandstone
sb02-101-31dab	6,393.0	6,394.0	321WEBR	2.7	0.020000	Shaly, silty sandstone
sb02-101-31dab	6,396.0	6,397.0	321WEBR	3.9	0.070000	Shaly, silty sandstone
sb02-101-31dab	6,397.0	6,398.0	321WEBR	9.7	0.090000	Silty sandstone
sb02-101-31dab	6,398.0	6,399.0	321WEBR	10.9	0.200000	Silty sandstone
sb02-101-31dab	6,399.0	6,400.0	321WEBR	14.6	0.540000	Silty sandstone
sb02-101-31dab	6,400.0	6,401.0	321WEBR	12.5	3.100000	Silty sandstone
sb02-101-31dab	6,401.0	6,402.0	321WEBR	10.3	0.500000	Silty sandstone
sb02-101-31dab	6,402.0	6,403.0	321WEBR	13.0	1.500000	Silty sandstone
sb02-101-31dab	6,403.0	6,404.0	321WEBR	13.6	7.100000	Silty sandstone
sb02-101-31dab	6,404.0	6,405.0	321WEBR	13.8	2.800000	Silty sandstone
sb02-101-31dab	6,408.0	6,409.0	321WEBR	11.1	0.740000	Silty sandstone
sb02-101-31dab	6,411.0	6,412.0	321WEBR	16.2	6.300000	Silty sandstone
sb02-101-31dab	6,412.0	6,413.0	321WEBR	12.5	2.000000	Silty sandstone
sb02-101-31dab	6,413.0	6,414.0	321WEBR	15.8	1.200000	Silty sandstone
sb02-101-31dab	6,414.0	6,415.0	321WEBR	12.5	2.600000	Silty sandstone
sb02-101-31dab	6,415.0	6,416.0	321WEBR	12.5	0.870000	Silty sandstone
sb02-101-31dab	6,416.0	6,417.0	321WEBR	15.5	16.000000	Silty sandstone

Table 4.--Laboratory-determined porosity and permeability--Continued

Site	Depth to top (feet)	Depth to bottom (feet)	Forma- tion	Porosity (percent)	Perme- ability (milli- darcies)	Lithology
sb02-101-31dab	6,417.0	6,418.0	321WEBR	15.3	13.000000	Silty sandstone
sb02-101-31dab	6,418.0	6,419.0	321WEBR	14.8	6.100000	Silty sandstone
sb02-101-31dab	6,420.0	6,421.0	321WEBR	13.5	18.000000	Silty sandstone
sb02-101-31dab	6,423.0	6,424.0	321WEBR	16.8	10.000000	Silty sandstone
sb02-101-31dab	6,424.0	6,425.0	321WEBR	15.1	14.000000	Silty sandstone
sb02-101-31dab	6,425.0	6,426.0	321WEBR	13.7	6.300000	Silty sandstone
sb02-101-31dab	6,426.0	6,427.0	321WEBR	13.1	3.800000	Silty sandstone
sb02-101-31dab	6,427.0	6,428.0	321WEBR	10.5	1.900000	Silty sandstone
sb02-101-31dab	6,428.0	6,429.0	321WEBR	3.8	0.100000	Silty sandstone
sb02-101-31dab	6,429.0	6,430.0	321WEBR	9.5	0.110000	Silty sandstone
sb02-101-31dab	6,430.0	6,431.0	321WEBR	4.9	0.070000	Silty sandstone
sb02-101-31dab	6,431.0	6,432.0	321WEBR	14.1	20.000000	Silty sandstone
sb02-101-31dab	6,432.0	6,433.0	321WEBR	11.2	0.130000	Silty sandstone
sb02-101-31dab	6,433.0	6,434.0	321WEBR	11.6	1.700000	Silty sandstone
sb02-101-31dab	6,434.0	6,435.0	321WEBR	11.4	9.200000	Silty sandstone
sb02-101-31dab	6,435.0	6,436.0	321WEBR	15.1	26.000000	Silty sandstone
sb02-101-31dab	6,436.0	6,437.0	321WEBR	11.3	8.400000	Silty sandstone
sb02-101-31dab	6,437.0	6,438.0	321WEBR	19.9	35.000000	Silty sandstone
sb02-101-31dab	6,438.0	6,439.0	321WEBR	13.2	24.000000	Silty sandstone
AVERAGE--				7.6	1.927047	
SITE AVERAGE-----				7.6	1.927047	
sb02-102-36bbb	5,930.0	5,931.0	321WEBR	11.8	2.600000	Sandstone
sb02-102-36bbb	5,931.0	5,932.0	321WEBR	12.6	1.700000	Sandstone
sb02-102-36bbb	5,932.0	5,933.0	321WEBR	9.2	0.850000	Sandstone
sb02-102-36bbb	5,933.0	5,934.0	321WEBR	3.2	0.000000	Sandstone
sb02-102-36bbb	5,934.0	5,935.0	321WEBR	4.9	0.000000	Sandstone
sb02-102-36bbb	5,935.0	5,936.0	321WEBR	6.4	0.000000	Sandstone
sb02-102-36bbb	5,940.0	5,941.0	321WEBR	6.3	0.000000	Sandstone
sb02-102-36bbb	5,941.0	5,942.0	321WEBR	6.7	0.000000	Sandstone
sb02-102-36bbb	5,942.0	5,943.0	321WEBR	3.8	0.000000	Sandstone
sb02-102-36bbb	5,943.0	5,944.0	321WEBR	3.3	0.000000	Sandstone
sb02-102-36bbb	5,944.0	5,945.0	321WEBR	3.2	0.000000	Sandstone
sb02-102-36bbb	5,950.0	5,951.0	321WEBR	13.5	5.500000	Sandstone
sb02-102-36bbb	5,951.0	5,952.0	321WEBR	13.0	1.350000	Sandstone
sb02-102-36bbb	5,953.0	5,954.0	321WEBR	12.5	1.600000	Sandstone
sb02-102-36bbb	5,954.0	5,955.0	321WEBR	11.2	1.000000	Sandstone
sb02-102-36bbb	5,955.0	5,956.0	321WEBR	5.2	0.000000	Sandstone
sb02-102-36bbb	5,962.0	5,963.0	321WEBR	3.3	0.000000	Sandstone
sb02-102-36bbb	5,963.0	5,964.0	321WEBR	2.9	0.000000	Sandstone
sb02-102-36bbb	5,974.0	5,975.0	321WEBR	7.6	0.000000	Sandstone
sb02-102-36bbb	5,978.0	5,979.0	321WEBR	11.0	1.000000	Sandstone
sb02-102-36bbb	5,979.0	5,980.0	321WEBR	11.0	3.800000	Sandstone
sb02-102-36bbb	5,980.0	5,981.0	321WEBR	9.5	11.500000	Sandstone
sb02-102-36bbb	6,005.0	6,006.0	321WEBR	8.7	1.000000	Sandstone
sb02-102-36bbb	6,006.0	6,007.0	321WEBR	9.7	1.750000	Sandstone
sb02-102-36bbb	6,007.0	6,008.0	321WEBR	7.7	0.200000	Sandstone
sb02-102-36bbb	6,008.0	6,009.0	321WEBR	5.6	0.000000	Sandstone
sb02-102-36bbb	6,009.0	6,010.0	321WEBR	7.7	0.000000	Sandstone
sb02-102-36bbb	6,012.0	6,013.0	321WEBR	3.6	0.000000	Sandstone
sb02-102-36bbb	6,013.0	6,014.0	321WEBR	4.8	0.000000	Sandstone
sb02-102-36bbb	6,014.0	6,015.0	321WEBR	5.8	0.000000	Sandstone



Table 4.--Laboratory-determined porosity and permeability--Continued

Site	Depth to top (feet)	Depth to bottom (feet)	Formation	Porosity (percent)	Permeability (millidarcies)	Lithology
sb02-102-36bbb	6,016.0	6,017.0	321WEBR	3.8	0.000000	Sandstone
sb02-102-36bbb	6,019.0	6,020.0	321WEBR	4.6	0.000000	Sandstone
sb02-102-36bbb	6,021.0	6,022.0	321WEBR	5.0	0.000000	Sandstone
sb02-102-36bbb	6,022.0	6,023.0	321WEBR	7.6	1.000000	Sandstone
sb02-102-36bbb	6,023.0	6,024.0	321WEBR	8.6	0.850000	Sandstone
sb02-102-36bbb	6,024.0	6,025.0	321WEBR	9.0	1.000000	Sandstone
sb02-102-36bbb	6,025.0	6,026.0	321WEBR	10.6	1.200000	Sandstone
sb02-102-36bbb	6,026.0	6,027.0	321WEBR	9.7	0.850000	Sandstone
sb02-102-36bbb	6,027.0	6,028.0	321WEBR	2.8	0.000000	Sandstone
sb02-102-36bbb	6,029.0	6,030.0	321WEBR	2.9	0.000000	Sandstone
sb02-102-36bbb	6,030.0	6,031.0	321WEBR	3.2	0.000000	Sandstone
sb02-102-36bbb	6,034.0	6,035.0	321WEBR	2.9	0.000000	Sandstone
sb02-102-36bbb	6,037.0	6,038.0	321WEBR	3.8	0.000000	Sandstone
sb02-102-36bbb	6,038.0	6,039.0	321WEBR	3.4	0.000000	Sandstone
sb02-102-36bbb	6,040.0	6,041.0	321WEBR	8.6	0.850000	Sandstone
sb02-102-36bbb	6,041.0	6,042.0	321WEBR	8.3	1.000000	Sandstone
sb02-102-36bbb	6,042.0	6,043.0	321WEBR	8.9	1.150000	Sandstone
sb02-102-36bbb	6,043.0	6,044.0	321WEBR	11.0	1.900000	Sandstone
sb02-102-36bbb	6,044.0	6,045.0	321WEBR	6.3	0.150000	Sandstone
sb02-102-36bbb	6,045.0	6,046.0	321WEBR	4.6	0.000000	Sandstone
sb02-102-36bbb	6,046.0	6,047.0	321WEBR	5.3	0.000000	Sandstone
sb02-102-36bbb	6,047.0	6,048.0	321WEBR	4.8	0.000000	Sandstone
sb02-102-36bbb	6,052.0	6,053.0	321WEBR	6.1	0.100000	Sandstone
sb02-102-36bbb	6,079.0	6,080.0	321WEBR	5.7	0.000000	Sandstone
sb02-102-36bbb	6,080.0	6,081.0	321WEBR	4.7	0.000000	Sandstone
sb02-102-36bbb	6,081.0	6,082.0	321WEBR	3.4	0.000000	Sandstone
sb02-102-36bbb	6,083.0	6,084.0	321WEBR	8.1	0.450000	Sandstone
sb02-102-36bbb	6,084.0	6,085.0	321WEBR	7.2	0.150000	Sandstone
sb02-102-36bbb	6,086.0	6,087.0	321WEBR	9.1	0.250000	Sandstone
sb02-102-36bbb	6,087.0	6,088.0	321WEBR	12.5	5.900000	Sandstone
sb02-102-36bbb	6,088.0	6,089.0	321WEBR	9.6	2.300000	Sandstone
sb02-102-36bbb	6,089.0	6,090.0	321WEBR	11.7	3.500000	Sandstone
sb02-102-36bbb	6,090.0	6,091.0	321WEBR	11.9	1.360000	Sandstone
sb02-102-36bbb	6,092.0	6,093.0	321WEBR	9.3	2.650000	Sandstone
sb02-102-36bbb	6,093.0	6,094.0	321WEBR	10.3	1.000000	Sandstone
sb02-102-36bbb	6,099.0	6,100.0	321WEBR	13.0	3.400000	Sandstone
sb02-102-36bbb	6,100.0	6,101.0	321WEBR	9.5	0.700000	Sandstone
sb02-102-36bbb	6,101.0	6,102.0	321WEBR	5.2	0.000000	Sandstone
sb02-102-36bbb	6,102.0	6,103.0	321WEBR	9.0	0.800000	Sandstone
sb02-102-36bbb	6,103.0	6,104.0	321WEBR	5.4	0.000000	Sandstone
sb02-102-36bbb	6,104.0	6,105.0	321WEBR	11.6	0.700000	Sandstone
sb02-102-36bbb	6,105.0	6,106.0	321WEBR	10.8	1.000000	Sandstone
sb02-102-36bbb	6,118.0	6,119.0	321WEBR	13.5	2.400000	Sandstone
sb02-102-36bbb	6,119.0	6,120.0	321WEBR	12.3	1.500000	Sandstone
sb02-102-36bbb	6,121.0	6,122.0	321WEBR	11.0	1.250000	Sandstone
sb02-102-36bbb	6,122.0	6,123.0	321WEBR	12.9	8.900000	Sandstone
sb02-102-36bbb	6,123.0	6,124.0	321WEBR	13.0	9.000000	Sandstone
sb02-102-36bbb	6,124.0	6,125.0	321WEBR	9.4	0.900000	Sandstone
sb02-102-36bbb	6,125.0	6,126.0	321WEBR	3.7	0.000000	Sandstone

Table 4.--Laboratory-determined porosity and permeability--Continued

Site	Depth to top (feet)	Depth to bottom (feet)	Formation	Porosity (percent)	Permeability (millidarcies)	Lithology
sb02-102-36bbb	6,126.0	6,127.0	321WEBR	3.4	0.000000	Sandstone
sb02-102-36bbb	6,128.0	6,129.0	321WEBR	14.6	3.400000	Sandstone
sb02-102-36bbb	6,132.0	6,133.0	321WEBR	8.8	0.200000	Sandstone
sb02-102-36bbb	6,133.0	6,134.0	321WEBR	9.8	0.250000	Sandstone
sb02-102-36bbb	6,154.0	6,155.0	321WEBR	11.5	1.000000	Sandstone
sb02-102-36bbb	6,159.0	6,160.0	321WEBR	4.5	0.000000	Sandstone
sb02-102-36bbb	6,160.0	6,161.0	321WEBR	10.5	1.300000	Sandstone
sb02-102-36bbb	6,162.0	6,163.0	321WEBR	9.3	1.100000	Sandstone
sb02-102-36bbb	6,163.0	6,164.0	321WEBR	10.5	1.600000	Sandstone
sb02-102-36bbb	6,164.0	6,165.0	321WEBR	11.8	1.600000	Sandstone
sb02-102-36bbb	6,167.0	6,168.0	321WEBR	13.8	2.600000	Sandstone
sb02-102-36bbb	6,169.0	6,170.0	321WEBR	10.9	2.700000	Sandstone
sb02-102-36bbb	6,170.0	6,171.0	321WEBR	10.2	2.400000	Sandstone
sb02-102-36bbb	6,171.0	6,172.0	321WEBR	7.3	0.850000	Sandstone
sb02-102-36bbb	6,172.0	6,173.0	321WEBR	10.0	2.100000	Sandstone
sb02-102-36bbb	6,173.0	6,174.0	321WEBR	8.7	1.200000	Sandstone
sb02-102-36bbb	6,174.0	6,175.0	321WEBR	8.5	0.600000	Sandstone
sb02-102-36bbb	6,175.0	6,176.0	321WEBR	10.2	1.000000	Sandstone
sb02-102-36bbb	6,220.0	6,221.0	321WEBR	8.6	0.850000	Sandstone
sb02-102-36bbb	6,221.0	6,222.0	321WEBR	5.9	0.100000	Sandstone
sb02-102-36bbb	6,222.0	6,223.0	321WEBR	8.7	0.750000	Sandstone
sb02-102-36bbb	6,223.0	6,224.0	321WEBR	10.8	1.700000	Sandstone
sb02-102-36bbb	6,224.0	6,225.0	321WEBR	6.3	0.200000	Sandstone
sb02-102-36bbb	6,225.0	6,226.0	321WEBR	6.9	0.150000	Sandstone
sb02-102-36bbb	6,226.0	6,227.0	321WEBR	13.0	150.000000	Sandstone
sb02-102-36bbb	6,229.0	6,230.0	321WEBR	11.6	20.000000	Sandstone
sb02-102-36bbb	6,229.0	6,230.0	321WEBR	11.6	20.000000	Sandstone
sb02-102-36bbb	6,230.0	6,231.0	321WEBR	5.5	0.000000	Sandstone
sb02-102-36bbb	6,231.0	6,232.0	321WEBR	15.0	29.000000	Sandstone
sb02-102-36bbb	6,232.0	6,233.0	321WEBR	12.9	6.300000	Sandstone
sb02-102-36bbb	6,237.0	6,238.0	321WEBR	9.7	2.100000	Sandstone
sb02-102-36bbb	6,238.0	6,239.0	321WEBR	7.4	0.850000	Sandstone
sb02-102-36bbb	6,239.0	6,240.0	321WEBR	12.0	6.800000	Sandstone
sb02-102-36bbb	6,240.0	6,241.0	321WEBR	12.4	7.400000	Sandstone
sb02-102-36bbb	6,241.0	6,242.0	321WEBR	7.9	0.950000	Sandstone
sb02-102-36bbb	6,242.0	6,243.0	321WEBR	13.1	10.000000	Sandstone
sb02-102-36bbb	6,243.0	6,244.0	321WEBR	8.7	1.300000	Sandstone
sb02-102-36bbb	6,244.0	6,245.0	321WEBR	13.3	22.000000	Sandstone
sb02-102-36bbb	6,245.0	6,246.0	321WEBR	10.7	5.300000	Sandstone
sb02-102-36bbb	6,245.0	6,246.0	321WEBR	10.9	5.300000	Sandstone
sb02-102-36bbb	6,246.0	6,247.0	321WEBR	12.3	19.000000	Sandstone
sb02-102-36bbb	6,247.0	6,248.0	321WEBR	14.0	20.000000	Sandstone
sb02-102-36bbb	6,248.0	6,249.0	321WEBR	12.0	5.900000	Sandstone
sb02-102-36bbb	6,249.0	6,250.0	321WEBR	13.6	10.000000	Sandstone
sb02-102-36bbb	6,252.0	6,253.0	321WEBR	15.2	42.000000	Sandstone
sb02-102-36bbb	6,253.0	6,254.0	321WEBR	13.9	135.000000	Sandstone
sb02-102-36bbb	6,254.0	6,255.0	321WEBR	15.3	35.000000	Sandstone
sb02-102-36bbb	6,255.0	6,256.0	321WEBR	12.8	11.000000	Sandstone
sb02-102-36bbb	6,257.0	6,258.0	321WEBR	14.7	16.000000	Sandstone
sb02-102-36bbb	6,258.0	6,259.0	321WEBR	15.5	47.000000	Sandstone

Table 4.--Laboratory-determined porosity and permeability--Continued

Site	Depth to top (feet)	Depth to bottom (feet)	Formation	Porosity (percent)	Permeability (millidarcies)	Lithology
sb02-102-36bbb	6,260.0	6,261.0	321WEBR	14.7	22.000000	Sandstone
sb02-102-36bbb	6,261.0	6,262.0	321WEBR	14.7	31.000000	Sandstone
sb02-102-36bbb	6,262.0	6,263.0	321WEBR	16.5	54.000000	Sandstone
sb02-102-36bbb	6,263.0	6,264.0	321WEBR	19.2	75.000000	Sandstone
sb02-102-36bbb	6,264.0	6,265.0	321WEBR	16.6	62.000000	Sandstone
sb02-102-36bbb	6,265.0	6,266.0	321WEBR	14.9	27.000000	Sandstone
sb02-102-36bbb	6,266.0	6,267.0	321WEBR	15.5	27.000000	Sandstone
sb02-102-36bbb	6,267.0	6,268.0	321WEBR	15.6	26.000000	Sandstone
sb02-102-36bbb	6,270.0	6,271.0	321WEBR	13.4	13.500000	Sandstone
sb02-102-36bbb	6,271.0	6,272.0	321WEBR	14.5	19.000000	Sandstone
sb02-102-36bbb	6,276.0	6,277.0	321WEBR	11.9	14.000000	Sandstone
sb02-102-36bbb	6,277.0	6,278.0	321WEBR	15.4	54.000000	Sandstone
sb02-102-36bbb	6,278.0	6,279.0	321WEBR	11.9	5.500000	Sandstone
sb02-102-36bbb	6,279.0	6,280.0	321WEBR	11.0	3.500000	Sandstone
sb02-102-36bbb	6,280.0	6,281.0	321WEBR	10.2	0.850000	Sandstone
sb02-102-36bbb	6,281.0	6,282.0	321WEBR	15.4	29.000000	Sandstone
sb02-102-36bbb	6,282.0	6,283.0	321WEBR	16.3	52.000000	Sandstone
sb02-102-36bbb	6,283.0	6,284.0	321WEBR	13.4	11.500000	Sandstone
sb02-102-36bbb	6,284.0	6,285.0	321WEBR	9.7	1.300000	Sandstone
sb02-102-36bbb	6,285.0	6,286.0	321WEBR	13.3	125.000000	Sandstone
sb02-102-36bbb	6,286.0	6,287.0	321WEBR	12.5	5.900000	Sandstone
sb02-102-36bbb	6,290.0	6,291.0	321WEBR	6.2	0.000000	Sandstone
sb02-102-36bbb	6,292.0	6,293.0	321WEBR	6.2	0.000000	Sandstone
sb02-102-36bbb	6,294.0	6,295.0	321WEBR	11.2	3.200000	Sandstone
sb02-102-36bbb	6,296.0	6,297.0	321WEBR	12.6	6.300000	Sandstone
sb02-102-36bbb	6,298.0	6,299.0	321WEBR	11.5	6.800000	Sandstone
sb02-102-36bbb	6,300.0	6,301.0	321WEBR	12.3	6.800000	Sandstone
sb02-102-36bbb	6,302.0	6,303.0	321WEBR	14.0	8.000000	Sandstone
sb02-102-36bbb	6,306.0	6,307.0	321WEBR	9.1	1.050000	Sandstone
sb02-102-36bbb	6,308.0	6,309.0	321WEBR	6.6	0.000000	Sandstone
sb02-102-36bbb	6,310.0	6,311.0	321WEBR	11.3	3.800000	Sandstone
sb02-102-36bbb	6,311.0	6,312.0	321WEBR	12.4	10.000000	Sandstone
sb02-102-36bbb	6,312.0	6,313.0	321WEBR	11.1	3.800000	Sandstone
sb02-102-36bbb	6,316.0	6,317.0	321WEBR	9.0	1.150000	Sandstone
sb02-102-36bbb	6,319.0	6,320.0	321WEBR	14.2	22.000000	Sandstone
sb02-102-36bbb	6,320.0	6,321.0	321WEBR	12.6	43.000000	Sandstone
sb02-102-36bbb	6,321.0	6,322.0	321WEBR	13.5	10.000000	Sandstone
sb02-102-36bbb	6,341.0	6,342.0	321WEBR	11.3	5.100000	Sandstone
sb02-102-36bbb	6,342.0	6,343.0	321WEBR	12.7	6.300000	Sandstone
sb02-102-36bbb	6,344.0	6,345.0	321WEBR	11.7	16.000000	Sandstone
sb02-102-36bbb	6,345.0	6,346.0	321WEBR	13.3	13.500000	Sandstone
sb02-102-36bbb	6,346.0	6,347.0	321WEBR	13.7	16.000000	Sandstone
sb02-102-36bbb	6,348.0	6,349.0	321WEBR	10.6	2.400000	Sandstone
sb02-102-36bbb	6,349.0	6,350.0	321WEBR	10.2	1.400000	Sandstone
sb02-102-36bbb	6,350.0	6,351.0	321WEBR	9.1	0.250000	Sandstone
sb02-102-36bbb	6,363.0	6,364.0	321WEBR	10.6	0.550000	Sandstone
sb02-102-36bbb	6,364.0	6,365.0	321WEBR	8.8	0.850000	Sandstone
sb02-102-36bbb	6,368.0	6,369.0	321WEBR	14.3	22.000000	Sandstone
sb02-102-36bbb	6,369.0	6,370.0	321WEBR	12.5	9.500000	Sandstone
sb02-102-36bbb	6,370.0	6,371.0	321WEBR	7.4	1.750000	Sandstone

Table 4.--Laboratory-determined porosity and permeability--Continued

Site	Depth to top (feet)	Depth to bottom (feet)	Forma- tion	Porosity (percent)	Perme- ability (milli- darcies)	Lithology
sb02-102-36bbb	6,371.0	6,372.0	321WEBR	13.4	15.000000	Sandstone
sb02-102-36bbb	6,373.0	6,374.0	321WEBR	11.4	6.500000	Sandstone
sb02-102-36bbb	6,375.0	6,376.0	321WEBR	10.1	3.000000	Sandstone
sb02-102-36bbb	6,376.0	6,377.0	321WEBR	9.2	2.000000	Sandstone
AVERAGE--				9.9	9.043224	
SITE AVERAGE-----				9.9	9.043224	
sb02-103-11ddc	6,569.0	6,570.0	321WEBR	16.4	35.000000	Sandstone
sb02-103-11ddc	6,570.0	6,571.0	321WEBR	15.8	21.000000	Sandstone
sb02-103-11ddc	6,571.0	6,572.0	321WEBR	11.5	43.000000	Sandstone
sb02-103-11ddc	6,572.0	6,573.0	321WEBR	17.1	26.000000	Sandstone
sb02-103-11ddc	6,573.0	6,574.0	321WEBR	15.3	10.000000	Sandstone
sb02-103-11ddc	6,574.0	6,575.0	321WEBR	14.9	15.000000	Sandstone
sb02-103-11ddc	6,575.0	6,576.0	321WEBR	14.3	2.200000	Sandstone
sb02-103-11ddc	6,576.0	6,577.0	321WEBR	14.2	26.000000	Sandstone
sb02-103-11ddc	6,577.0	6,578.0	321WEBR	16.1	5.700000	Sandstone
sb02-103-11ddc	6,578.0	6,579.0	321WEBR	18.4	6.400000	Sandstone
sb02-103-11ddc	6,579.0	6,580.0	321WEBR	15.8	35.000000	Sandstone
sb02-103-11ddc	6,580.0	6,581.0	321WEBR	19.9	67.000000	Sandstone
sb02-103-11ddc	6,581.0	6,582.0	321WEBR	15.3	15.000000	Sandstone
sb02-103-11ddc	6,582.0	6,583.0	321WEBR	14.8	5.600000	Sandstone
sb02-103-11ddc	6,583.0	6,584.0	321WEBR	14.6	21.000000	Sandstone
sb02-103-11ddc	6,584.0	6,585.0	321WEBR	13.3	3.500000	Sandstone
sb02-103-11ddc	6,585.0	6,586.0	321WEBR	14.6	10.000000	Sandstone
sb02-103-11ddc	6,586.0	6,587.0	321WEBR	14.3	12.000000	Sandstone
sb02-103-11ddc	6,587.0	6,588.0	321WEBR	11.8	1.400000	Sandstone
sb02-103-11ddc	6,588.0	6,589.0	321WEBR	11.0	6.700000	Sandstone
sb02-103-11ddc	6,589.0	6,590.0	321WEBR	17.4	28.000000	Sandstone
sb02-103-11ddc	6,592.0	6,593.0	321WEBR	15.4	1.700000	Sandstone
sb02-103-11ddc	6,593.0	6,594.0	321WEBR	16.5	0.900000	Sandstone
sb02-103-11ddc	6,594.0	6,595.0	321WEBR	14.9	18.000000	Sandstone
sb02-103-11ddc	6,595.0	6,596.0	321WEBR	23.0	2.700000	Sandstone
sb02-103-11ddc	6,597.0	6,598.0	321WEBR	12.6	1.800000	Sandstone
sb02-103-11ddc	6,598.0	6,599.0	321WEBR	15.0	7.800000	Sandstone
sb02-103-11ddc	6,599.0	6,600.0	321WEBR	12.1	7.800000	Sandstone
sb02-103-11ddc	6,600.0	6,601.0	321WEBR	13.3	2.400000	Sandstone
sb02-103-11ddc	6,601.0	6,602.0	321WEBR	21.4	19.000000	Sandstone
sb02-103-11ddc	6,602.0	6,603.0	321WEBR	17.0	3.900000	Sandstone
sb02-103-11ddc	6,603.0	6,604.0	321WEBR	19.8	91.000000	Sandstone
sb02-103-11ddc	6,604.0	6,605.0	321WEBR	16.8	97.000000	Sandstone
sb02-103-11ddc	6,605.0	6,606.0	321WEBR	24.3	111.000000	Sandstone
sb02-103-11ddc	6,606.0	6,607.0	321WEBR	19.3	111.000000	Sandstone
sb02-103-11ddc	6,607.0	6,608.0	321WEBR	18.1	64.000000	Sandstone
sb02-103-11ddc	6,608.0	6,609.0	321WEBR	18.3	3.200000	Sandstone
sb02-103-11ddc	6,609.0	6,610.0	321WEBR	16.8	41.000000	Sandstone
sb02-103-11ddc	6,610.0	6,611.0	321WEBR	19.4	7.600000	Sandstone
AVERAGE--				16.2	25.315385	
SITE AVERAGE-----				16.2	25.315385	

Table 4.--Laboratory-determined porosity and permeability--Continued

Site	Depth to top (feet)	Depth to bottom (feet)	Forma- tion	Porosity (percent)	Perme- ability (milli- darcies)	Lithology
sb02-88-10dbb	2,052.0	2,053.0	321WEBR	2.9	0.000000	Gravelly, fine-grained, clay-mottled sandstone
sb02-88-10dbb	2,057.0	2,058.0	321WEBR	4.5	0.000000	Gravelly, silty, limy sandstone
sb02-88-10dbb	2,061.0	2,062.0	321WEBR	5.3	1.400000	Silty, clay-mottled quartz sandstone
sb02-88-10dbb	2,064.0	2,065.0	321WEBR	6.3	1.300000	Silty, clay-mottled quartz sandstone
sb02-88-10dbb	2,097.0	2,098.0	321WEBR	15.0	20.000000	Silty, clay-mottled quartz sandstone
sb02-88-10dbb	2,098.0	2,099.0	321WEBR	15.7	2.300000	Silty, clay-mottled quartz sandstone
sb02-88-10dbb	2,099.0	2,100.0	321WEBR	13.5	1.200000	Silty, clay-mottled quartz sandstone
sb02-88-10dbb	2,100.0	2,101.0	321WEBR	10.0	0.400000	Silty, clay-mottled quartz sandstone
sb02-88-10dbb	2,101.0	2,102.0	321WEBR	11.9	0.900000	Silty, clay-mottled quartz sandstone
sb02-88-10dbb	2,102.0	2,103.0	321WEBR	8.1	0.300000	Silty, clay-mottled quartz sandstone
sb02-88-10dbb	2,103.0	2,104.0	321WEBR	7.7	0.200000	Gypsiferous, fine-grained quartz sandstone
sb02-88-10dbb	2,104.0	2,105.0	321WEBR	7.9	0.300000	Gypsiferous, fine-grained quartz sandstone
sb02-88-10dbb	2,105.0	2,106.0	321WEBR	12.1	0.200000	Silty, clay-mottled quartz sandstone
sb02-88-10dbb	2,106.0	2,107.0	321WEBR	15.5	2.400000	Fractured, fine-grained, clay-mottled sandstone
sb02-88-10dbb	2,111.0	2,112.0	321WEBR	11.3	1.200000	Silty, clay-mottled quartz sandstone
sb02-88-10dbb	2,113.0	2,114.0	321WEBR	15.1	1.100000	Fractured, fine-grained, clay-mottled sandstone
sb02-88-10dbb	2,114.0	2,115.0	321WEBR	15.2	4.900000	Fractured, fine-grained, clay-mottled sandstone
sb02-88-10dbb	2,117.0	2,118.0	321WEBR	12.0	0.600000	Fine-grained, clay-mottled sandstone
AVERAGE--				10.6	2.150000	
SITE AVERAGE-----				10.6	2.150000	
sb03-104-12bba	9,303.0	9,304.0	321WEBR	15.7	3.800000	Fine-grained sandstone
sb03-104-12bba	9,304.0	9,305.0	321WEBR	14.1	10.000000	Fine-grained sandstone
sb03-104-12bba	9,305.0	9,306.0	321WEBR	15.9	20.000000	Fine-grained sandstone
sb03-104-12bba	9,306.0	9,307.0	321WEBR	13.7	22.000000	Fine-grained sandstone
sb03-104-12bba	9,307.0	9,308.0	321WEBR	9.8	0.380000	Fine-grained sandstone
sb03-104-12bba	9,308.0	9,309.0	321WEBR	11.9	0.550000	Fine-grained sandstone
sb03-104-12bba	9,309.0	9,310.0	321WEBR	9.7	0.100000	Fine-grained sandstone
sb03-104-12bba	9,310.0	9,311.0	321WEBR	10.7	0.870000	Fine-grained sandstone
sb03-104-12bba	9,311.0	9,312.0	321WEBR	10.0	0.210000	Fine-grained sandstone
sb03-104-12bba	9,312.0	9,313.0	321WEBR	10.5	0.230000	Fine-grained sandstone
sb03-104-12bba	9,313.0	9,314.0	321WEBR	8.4	0.140000	Fine-grained sandstone
sb03-104-12bba	9,314.0	9,315.0	321WEBR	9.8	0.260000	Fine-grained sandstone
sb03-104-12bba	9,315.0	9,316.0	321WEBR	6.7	0.240000	Fine-grained sandstone
sb03-104-12bba	9,316.0	9,317.0	321WEBR	7.8	0.360000	Fine-grained sandstone
sb03-104-12bba	9,317.0	9,318.0	321WEBR	8.8	0.310000	Fine-grained sandstone
sb03-104-12bba	9,318.0	9,319.0	321WEBR	7.4	0.130000	Fine-grained sandstone
sb03-104-12bba	9,319.0	9,320.0	321WEBR	6.5	0.060000	Fine-grained sandstone
sb03-104-12bba	9,320.0	9,321.0	321WEBR	7.0	0.080000	Fine-grained sandstone
sb03-104-12bba	9,321.0	9,322.0	321WEBR	7.7	0.250000	Fine-grained sandstone
sb03-104-12bba	9,322.0	9,323.0	321WEBR	6.4	0.110000	Fine-grained sandstone
sb03-104-12bba	9,323.0	9,324.0	321WEBR	6.0	0.060000	Fine-grained sandstone
sb03-104-12bba	9,324.0	9,325.0	321WEBR	7.2	0.130000	Fine-grained sandstone
sb03-104-12bba	9,325.0	9,326.0	321WEBR	5.0	0.050000	Fine-grained sandstone
sb03-104-12bba	9,326.0	9,327.0	321WEBR	5.5	0.060000	Fine-grained sandstone
sb03-104-12bba	9,327.0	9,328.0	321WEBR	6.0	0.070000	Fine-grained sandstone
sb03-104-12bba	9,328.0	9,329.0	321WEBR	7.4	0.150000	Fine-grained sandstone
sb03-104-12bba	9,329.0	9,330.0	321WEBR	7.1	0.220000	Fine-grained sandstone
sb03-104-12bba	9,438.0	9,439.0	321WEBR	12.2	2.500000	Fine-grained sandstone
sb03-104-12bba	9,442.0	9,443.0	321WEBR	11.1	2.500000	Fine-grained sandstone
sb03-104-12bba	9,445.0	9,446.0	321WEBR	11.9	7.500000	Fine-grained sandstone

Table 4.--Laboratory-determined porosity and permeability--Continued

Site	Depth to top (feet)	Depth to bottom (feet)	Forma- tion	Porosity (percent)	Perme- ability (milli- darcies)	Lithology
sb03-104-12bba	9,448.0	9,449.0	321WEBR	12.0	7.800000	Fine-grained sandstone
AVERAGE--				9.4	2.616774	
SITE AVERAGE-----				9.4	2.616774	
sb04-99-12aaa	8,808.0	8,809.0	321WEBR	4.5	0.000000	Fine-grained, limy sandstone
sb04-99-12aaa	8,809.0	8,810.0	321WEBR	3.8	0.000000	Fine-grained, limy sandstone
sb04-99-12aaa	8,810.0	8,811.0	321WEBR	4.1	0.000000	Fine-grained, limy sandstone
sb04-99-12aaa	8,813.0	8,814.0	321WEBR	5.0	0.000000	Fine-grained, limy sandstone
sb04-99-12aaa	8,814.0	8,815.0	321WEBR	6.2	0.000000	Fine-grained, limy sandstone
sb04-99-12aaa	8,815.0	8,816.0	321WEBR	6.7	0.000000	Fine-grained, limy sandstone
sb04-99-12aaa	8,816.0	8,817.0	321WEBR	6.6	0.000000	Fine-grained, limy sandstone
sb04-99-12aaa	8,817.0	8,818.0	321WEBR	5.7	0.000000	Fine-grained, limy sandstone
sb04-99-12aaa	8,818.0	8,819.0	321WEBR	9.1	0.000000	Fine-grained sandstone
sb04-99-12aaa	8,819.0	8,820.0	321WEBR	11.2	0.300000	Medium-grained sandstone
sb04-99-12aaa	8,820.0	8,821.0	321WEBR	10.3	0.900000	Medium-grained sandstone
sb04-99-12aaa	8,821.0	8,822.0	321WEBR	11.8	0.100000	Medium-grained sandstone
sb04-99-12aaa	8,822.0	8,823.0	321WEBR	10.9	0.100000	Medium-grained sandstone
sb04-99-12aaa	8,823.0	8,824.0	321WEBR	10.9	1.000000	Medium-grained sandstone
sb04-99-12aaa	8,824.0	8,825.0	321WEBR	11.7	0.200000	Medium-grained sandstone
sb04-99-12aaa	8,825.0	8,826.0	321WEBR	10.3	0.100000	Medium-grained sandstone
sb04-99-12aaa	8,826.0	8,827.0	321WEBR	7.9	0.000000	Fine-grained, limy sandstone
sb04-99-12aaa	8,827.0	8,828.0	321WEBR	5.5	0.000000	Fine-grained, limy sandstone
sb04-99-12aaa	8,828.0	8,829.0	321WEBR	5.4	0.000000	Fine-grained, limy sandstone
sb04-99-12aaa	8,829.0	8,830.0	321WEBR	3.5	0.000000	Fine-grained, limy sandstone
sb04-99-12aaa	8,830.0	8,831.0	321WEBR	6.1	0.000000	Fine-grained, limy sandstone
sb04-99-12aaa	8,831.0	8,832.0	321WEBR	9.3	0.000000	Fine-grained sandstone
sb04-99-12aaa	8,832.0	8,833.0	321WEBR	7.6	0.000000	Medium-grained sandstone
sb04-99-12aaa	8,833.0	8,834.0	321WEBR	6.7	0.000000	Medium-grained sandstone
sb04-99-12aaa	8,834.0	8,835.0	321WEBR	10.7	0.600000	Medium-grained sandstone
sb04-99-12aaa	8,835.0	8,836.0	321WEBR	11.1	0.100000	Medium-grained sandstone
sb04-99-12aaa	8,836.0	8,837.0	321WEBR	11.9	1.200000	Medium-grained sandstone
sb04-99-12aaa	8,837.0	8,838.0	321WEBR	11.8	1.700000	Medium-grained sandstone
sb04-99-12aaa	8,838.0	8,839.0	321WEBR	9.5	0.300000	Medium-grained sandstone
sb04-99-12aaa	8,839.0	8,840.0	321WEBR	13.5	10.000000	Medium-grained sandstone
sb04-99-12aaa	8,840.0	8,841.0	321WEBR	11.7	4.300000	Medium-grained sandstone
sb04-99-12aaa	8,841.0	8,842.0	321WEBR	9.6	1.000000	Medium-grained sandstone
sb04-99-12aaa	8,842.0	8,843.0	321WEBR	7.7	0.100000	Medium-grained sandstone
sb04-99-12aaa	8,843.0	8,844.0	321WEBR	9.4	1.000000	Limy, medium-grained sandstone
sb04-99-12aaa	8,844.0	8,845.0	321WEBR	7.9	0.000000	Fine-grained, limy sandstone
sb04-99-12aaa	8,845.0	8,846.0	321WEBR	6.1	0.000000	Fine-grained, limy sandstone
sb04-99-12aaa	8,846.0	8,847.0	321WEBR	7.0	0.000000	Fine-grained, limy sandstone
sb04-99-12aaa	8,856.0	8,857.0	321WEBR	11.5	20.000000	Medium-grained sandstone
sb04-99-12aaa	8,857.0	8,858.0	321WEBR	8.4	6.900000	Medium-grained sandstone
sb04-99-12aaa	8,858.0	8,859.0	321WEBR	5.7	0.000000	Fine-grained, limy sandstone
sb04-99-12aaa	8,859.0	8,860.0	321WEBR	4.8	0.000000	Fine-grained, limy sandstone
sb04-99-12aaa	8,860.0	8,861.0	321WEBR	4.4	0.000000	Fine-grained, limy sandstone
sb04-99-12aaa	8,861.0	8,862.0	321WEBR	5.5	0.000000	Fine-grained, limy sandstone
sb04-99-12aaa	8,862.0	8,863.0	321WEBR	4.4	0.000000	Fine-grained, limy sandstone
sb04-99-12aaa	8,863.0	8,864.0	321WEBR	3.8	0.000000	Fine-grained, limy sandstone

Table 4.--Laboratory-determined porosity and permeability--Continued

Site	Depth to top (feet)	Depth to bottom (feet)	Formation	Porosity (percent)	Permeability (millidarcies)	Lithology
sb04-99-12aaa	8,864.0	8,865.0	321WEBR	4.4	1.200000	Fine-grained, limy sandstone
sb04-99-12aaa	8,865.0	8,866.0	321WEBR	4.0	0.000000	Fine-grained, limy sandstone
sb04-99-12aaa	8,866.0	8,867.0	321WEBR	4.2	0.000000	Fine-grained, limy sandstone
sb04-99-12aaa	8,867.0	8,868.0	321WEBR	4.2	0.000000	Fine-grained, limy sandstone
sb04-99-12aaa	8,868.0	8,869.0	321WEBR	2.8	0.000000	Fine-grained, limy sandstone
sb04-99-12aaa	8,869.0	8,870.0	321WEBR	4.8	0.000000	Fine-grained, limy sandstone
sb04-99-12aaa	8,876.0	8,877.0	321WEBR	5.4	0.000000	Fine-grained, limy sandstone
sb04-99-12aaa	8,885.0	8,886.0	321WEBR	5.5	0.000000	Fine-grained, limy sandstone
AVERAGE--				7.4	0.964151	
SITE AVERAGE-----				7.4	0.964151	
sb05-95-02bab	2,199.0	2,200.0	321WEBR	14.3	41.000000	Fine-grained sandstone
sb05-95-02bab	2,200.0	2,201.0	321WEBR	13.2	19.000000	Fine-grained sandstone
sb05-95-02bab	2,201.0	2,202.0	321WEBR	4.3	0.000000	Fine-grained sandstone
sb05-95-02bab	2,202.0	2,203.0	321WEBR	12.7	13.000000	Fine-grained sandstone
sb05-95-02bab	2,208.0	2,209.0	321WEBR	11.0	3.200000	Fine-grained sandstone and siltstone
sb05-95-02bab	2,212.0	2,213.0	321WEBR	9.6	0.600000	Fine-grained sandstone and siltstone
sb05-95-02bab	2,225.0	2,226.0	321WEBR	5.4	0.000000	Fine-grained sandstone and siltstone
sb05-95-02bab	2,227.0	2,228.0	321WEBR	7.0	0.000000	Fine-grained sandstone and siltstone
sb05-95-02bab	2,230.0	2,231.0	321WEBR	6.5	0.000000	Siltstone
sb05-95-02bab	2,236.0	2,237.0	321WEBR	8.4	0.300000	Fine-grained sandstone
sb05-95-02bab	2,237.0	2,238.0	321WEBR	7.3	0.000000	Fine-grained sandstone
sb05-95-02bab	2,238.0	2,239.0	321WEBR	4.3	0.000000	Fine-grained sandstone
sb05-95-02bab	2,239.0	2,240.0	321WEBR	5.1	0.000000	Fine-grained sandstone
sb05-95-02bab	2,240.0	2,241.0	321WEBR	5.3	0.000000	Fine-grained sandstone
sb05-95-02bab	2,243.0	2,244.0	321WEBR	5.3	0.000000	Fine-grained sandstone and siltstone
sb05-95-02bab	2,247.0	2,248.0	321WEBR	4.6	0.000000	Fine-grained sandstone and siltstone
sb05-95-02bab	2,250.0	2,251.0	321WEBR	4.6	0.000000	Fine-grained sandstone and siltstone
sb05-95-02bab	2,254.0	2,255.0	321WEBR	4.2	0.000000	Fine-grained sandstone and siltstone
sb05-95-02bab	2,257.0	2,258.0	321WEBR	4.8	0.000000	Fine-grained sandstone and siltstone
sb05-95-02bab	2,261.0	2,262.0	321WEBR	5.3	0.000000	Siltstone
sb05-95-02bab	2,263.0	2,264.0	321WEBR	5.7	0.000000	Siltstone
sb05-95-02bab	2,265.0	2,266.0	321WEBR	4.6	0.000000	Siltstone
sb05-95-02bab	2,268.0	2,269.0	321WEBR	7.0	0.000000	Siltstone
sb05-95-02bab	2,270.0	2,271.0	321WEBR	7.9	0.250000	Siltstone
sb05-95-02bab	2,273.0	2,274.0	321WEBR	7.4	0.200000	Siltstone
sb05-95-02bab	2,351.0	2,352.0	321WEBR	8.5	0.030000	Fine- to medium-grained quartz sandstone
sb05-95-02bab	2,352.0	2,353.0	321WEBR	9.8	0.050000	Fine- to medium-grained quartz sandstone
sb05-95-02bab	2,353.0	2,354.0	321WEBR	8.0	0.030000	Fine- to medium-grained quartz sandstone
sb05-95-02bab	2,354.0	2,355.0	321WEBR	7.8	0.020000	Fine- to medium-grained quartz sandstone
sb05-95-02bab	2,355.0	2,356.0	321WEBR	6.3	0.000000	Fine- to medium-grained quartz sandstone
sb05-95-02bab	2,356.0	2,357.0	321WEBR	8.6	0.030000	Fine- to medium-grained quartz sandstone
sb05-95-02bab	2,357.0	2,358.0	321WEBR	9.3	0.050000	Fine- to medium-grained quartz sandstone
sb05-95-02bab	2,358.0	2,359.0	321WEBR	12.1	1.100000	Fine- to medium-grained quartz sandstone
sb05-95-02bab	2,359.0	2,360.0	321WEBR	11.0	0.370000	Fine- to medium-grained quartz sandstone
sb05-95-02bab	2,360.0	2,361.0	321WEBR	8.5	0.030000	Fine- to medium-grained quartz sandstone
sb05-95-02bab	2,362.0	2,363.0	321WEBR	9.1	0.170000	Fine- to medium-grained quartz sandstone
sb05-95-02bab	2,365.0	2,366.0	321WEBR	12.0	0.250000	Fine- to medium-grained quartz sandstone
sb05-95-02bab	2,368.0	2,369.0	321WEBR	9.9	0.050000	Fine- to medium-grained quartz sandstone
sb05-95-02bab	2,371.0	2,372.0	321WEBR	9.8	0.030000	Fine- to medium-grained quartz sandstone
sb05-95-02bab	2,375.0	2,376.0	321WEBR	10.1	0.050000	Fine- to medium-grained quartz sandstone

Table 4.--Laboratory-determined porosity and permeability--Continued

Site	Depth to top (feet)	Depth to bottom (feet)	Formation	Porosity (percent)	Permeability (millidarcies)	Lithology
sb05-95-02bab	2,377.0	2,378.0	321WEBR	7.3	0.020000	Fine- to medium-grained quartz sandstone
sb05-95-02bab	2,381.0	2,382.0	321WEBR	10.9	0.330000	Shaly, gravelly, dolomitic sandstone
sb05-95-02bab	2,384.0	2,385.0	321WEBR	11.3	0.050000	Shaly, gravelly, dolomitic sandstone
AVERAGE--				8.0	1.865349	
SITE AVERAGE-----				8.0	1.865349	
sb05-95-19bcb	6,976.5	6,978.0	317PRKC	6.5	0.030000	Shaly dolomite
sb05-95-19bcb	6,984.0	6,985.0	317PRKC	1.8	0.010000	Shaly dolomite
AVERAGE--				4.2	0.020000	
sb05-95-19bcb	7,109.0	7,110.0	321WEBR	3.9	0.010000	Silty, quartz sandstone
sb05-95-19bcb	7,112.0	7,113.0	321WEBR	3.1	0.010000	Silty, quartz sandstone
sb05-95-19bcb	7,115.0	7,116.0	321WEBR	3.7	0.030000	Fine-grained sandstone
sb05-95-19bcb	7,116.0	7,117.0	321WEBR	2.3	0.010000	Fine-grained sandstone
sb05-95-19bcb	7,118.0	7,119.0	321WEBR	4.5	0.020000	Fine-grained sandstone
AVERAGE--				3.5	0.016000	
SITE AVERAGE-----				3.7	0.017143	
sb13-105-35adb	14,699.0	14,700.0	317PRKC	2.9	0.000000	Finely crystalline, limy dolomite
sb13-105-35adb	14,701.0	14,702.0	317PRKC	1.9	0.500000	Finely crystalline, limy dolomite
sb13-105-35adb	14,702.0	14,703.0	317PRKC	1.7	0.000000	Finely crystalline, limy dolomite
sb13-105-35adb	14,703.0	14,704.0	317PRKC	2.1	0.200000	Finely crystalline, limy dolomite
sb13-105-35adb	14,704.0	14,705.0	317PRKC	2.0	0.100000	Shaly, finely crystalline, limy dolomite
sb13-105-35adb	14,705.0	14,706.0	317PRKC	1.8	0.000000	Finely crystalline, limy dolomite
sb13-105-35adb	14,706.0	14,707.0	317PRKC	2.9	0.000000	Finely crystalline, limy dolomite
sb13-105-35adb	14,707.0	14,708.0	317PRKC	2.5	0.000000	Finely crystalline, limy dolomite
sb13-105-35adb	14,708.0	14,709.0	317PRKC	3.7	0.000000	Shaly, finely crystalline, limy dolomite
sb13-105-35adb	14,709.0	14,710.0	317PRKC	4.7	0.000000	Finely crystalline, limy dolomite
sb13-105-35adb	14,712.0	14,713.0	317PRKC	2.2	0.000000	Finely crystalline, limy dolomite
sb13-105-35adb	14,713.0	14,714.0	317PRKC	2.2	0.000000	Anhydritic, finely crystalline dolomite
sb13-105-35adb	14,714.0	14,715.0	317PRKC	1.9	0.000000	Finely crystalline, limy dolomite
sb13-105-35adb	14,715.0	14,716.0	317PRKC	4.5	0.000000	Finely crystalline, limy dolomite
sb13-105-35adb	14,727.0	14,728.0	317PRKC	3.5	0.000000	Finely crystalline, limy dolomite
sb13-105-35adb	14,728.0	14,729.0	317PRKC	3.6	0.000000	Finely crystalline, limy dolomite
sb13-105-35adb	14,729.0	14,730.0	317PRKC	5.3	0.000000	Finely crystalline, limy dolomite
sb13-105-35adb	14,730.0	14,731.0	317PRKC	2.7	0.000000	Finely crystalline, limy dolomite
sb13-105-35adb	14,731.0	14,732.0	317PRKC	2.2	0.000000	Finely crystalline, limy dolomite
sb13-105-35adb	14,732.0	14,733.0	317PRKC	4.2	0.000000	Finely crystalline, limy dolomite
sb13-105-35adb	14,733.0	14,734.0	317PRKC	2.5	0.000000	Finely crystalline, limy dolomite
sb13-105-35adb	14,734.0	14,735.0	317PRKC	3.8	0.000000	Finely crystalline, limy dolomite
sb13-105-35adb	14,735.0	14,736.0	317PRKC	3.9	0.000000	Finely crystalline, limy dolomite
sb13-105-35adb	14,736.0	14,737.0	317PRKC	2.6	0.000000	Finely crystalline, limy dolomite
sb13-105-35adb	14,737.0	14,738.0	317PRKC	3.6	0.000000	Finely crystalline, limy dolomite
sb13-105-35adb	14,738.0	14,739.0	317PRKC	2.7	0.000000	Finely crystalline, limy dolomite
sb13-105-35adb	14,739.0	14,740.0	317PRKC	3.8	0.000000	Finely crystalline, limy dolomite
sb13-105-35adb	14,740.0	14,741.0	317PRKC	4.3	0.000000	Finely crystalline, limy dolomite
sb13-105-35adb	14,741.0	14,742.0	317PRKC	4.2	0.000000	Finely crystalline, limy dolomite
sb13-105-35adb	14,742.0	14,743.0	317PRKC	2.7	0.000000	Finely crystalline, limy dolomite
sb13-105-35adb	14,778.0	14,779.0	317PRKC	2.0	0.000000	Finely crystalline, limy dolomite
sb13-105-35adb	14,779.0	14,780.0	317PRKC	1.3	0.000000	Anhydritic, finely crystalline, limy dolomite
sb13-105-35adb	14,781.0	14,782.0	317PRKC	0.8	0.000000	Anhydritic, finely crystalline, limy dolomite
sb13-105-35adb	14,782.0	14,783.0	317PRKC	1.0	0.000000	Anhydritic, finely crystalline, limy dolomite
sb13-105-35adb	14,783.0	14,784.0	317PRKC	0.8	0.000000	Anhydritic, finely crystalline, limy dolomite



Table 4.--Laboratory-determined porosity and permeability--Continued

Site	Depth to top (feet)	Depth to bottom (feet)	Formation	Porosity (percent)	Permeability (millidarcies)	Lithology
sb13-105-35adb	14,784.0	14,785.0	317PRKC	1.3	0.000000	Anhydritic, finely crystalline, limy dolomite
sb13-105-35adb	14,785.0	14,786.0	317PRKC	1.7	0.000000	Finely crystalline, limy dolomite
sb13-105-35adb	14,786.0	14,787.0	317PRKC	2.2	0.000000	Finely crystalline, limy dolomite
sb13-105-35adb	14,787.0	14,788.0	317PRKC	2.9	0.000000	Finely crystalline, limy dolomite
sb13-105-35adb	14,788.0	14,789.0	317PRKC	1.9	0.000000	Finely crystalline, limy dolomite
sb13-105-35adb	14,789.0	14,790.0	317PRKC	2.1	0.000000	Anhydritic, finely crystalline, limy dolomite
sb13-105-35adb	14,790.0	14,791.0	317PRKC	1.0	0.000000	Anhydritic, finely crystalline, limy dolomite
sb13-105-35adb	14,791.0	14,792.0	317PRKC	1.3	0.000000	Anhydritic, finely crystalline, limy dolomite
sb13-105-35adb	14,807.0	14,808.0	317PRKC	1.2	0.000000	Anhydritic, finely crystalline, limy dolomite
sb13-105-35adb	14,809.0	14,810.0	317PRKC	1.6	0.000000	Chalky, carbonaceous, finely crystalline dolomite
sb13-105-35adb	14,811.0	14,812.0	317PRKC	1.5	0.000000	Finely crystalline, limy dolomite
sb13-105-35adb	14,813.0	14,814.0	317PRKC	1.0	0.000000	Finely crystalline, limy dolomite
sb13-105-35adb	14,815.0	14,816.0	317PRKC	1.2	0.000000	Finely crystalline, limy dolomite
sb13-105-35adb	14,817.0	14,818.0	317PRKC	2.2	0.000000	Chalky, finely crystalline dolomite
			AVERAGE--	2.5	0.016327	
sb13-105-35adb	14,855.0	14,856.0	321WEBR	2.7	0.000000	Fine-grained, limy sandstone
sb13-105-35adb	14,856.0	14,857.0	321WEBR	2.0	0.000000	Fine-grained, limy sandstone
sb13-105-35adb	14,857.0	14,858.0	321WEBR	1.3	0.000000	Fine-grained, limy sandstone
sb13-105-35adb	14,858.0	14,859.0	321WEBR	1.6	0.000000	Fine-grained, limy sandstone
sb13-105-35adb	14,859.0	14,860.0	321WEBR	1.8	0.000000	Fine-grained, limy sandstone
sb13-105-35adb	14,860.0	14,861.0	321WEBR	1.9	0.000000	Fine-grained, limy sandstone
sb13-105-35adb	14,861.0	14,862.0	321WEBR	2.0	0.000000	Fine-grained, limy sandstone
sb13-105-35adb	14,862.0	14,863.0	321WEBR	1.4	0.000000	Fine-grained, limy sandstone
sb13-105-35adb	14,863.0	14,864.0	321WEBR	2.0	0.000000	Fine-grained, limy sandstone
sb13-105-35adb	14,864.0	14,865.0	321WEBR	3.4	0.100000	Fine-grained, limy sandstone
sb13-105-35adb	14,865.0	14,866.0	321WEBR	3.5	0.100000	Fine-grained, limy sandstone
sb13-105-35adb	14,866.0	14,867.0	321WEBR	4.6	0.100000	Fine-grained, limy sandstone
sb13-105-35adb	14,867.0	14,868.0	321WEBR	3.1	0.100000	Fine-grained, limy sandstone
sb13-105-35adb	14,868.0	14,869.0	321WEBR	3.2	0.100000	Fine-grained, limy sandstone
sb13-105-35adb	14,869.0	14,870.0	321WEBR	2.7	0.100000	Fine-grained, limy sandstone
sb13-105-35adb	14,870.0	14,871.0	321WEBR	1.8	0.100000	Fine-grained, limy sandstone
sb13-105-35adb	14,871.0	14,872.0	321WEBR	2.0	0.100000	Fine-grained, limy sandstone
sb13-105-35adb	14,872.0	14,873.0	321WEBR	2.2	0.100000	Fine-grained, limy sandstone
sb13-105-35adb	14,873.0	14,874.0	321WEBR	1.6	0.100000	Fine-grained sandstone
sb13-105-35adb	14,874.0	14,875.0	321WEBR	1.5	0.000000	Fine-grained sandstone
sb13-105-35adb	14,875.0	14,876.0	321WEBR	1.0	0.000000	Fine-grained sandstone
sb13-105-35adb	15,002.0	15,003.0	321WEBR	1.5	0.000000	Fine-grained, quartzitic sandstone
sb13-105-35adb	15,003.0	15,004.0	321WEBR	1.7	0.000000	Fine-grained, quartzitic sandstone
sb13-105-35adb	15,004.0	15,005.0	321WEBR	1.0	0.000000	Fine-grained, quartzitic sandstone
sb13-105-35adb	15,005.0	15,006.0	321WEBR	1.6	0.000000	Fine-grained, quartzitic sandstone
sb13-105-35adb	15,006.0	15,007.0	321WEBR	1.6	0.000000	Fine-grained, quartzitic sandstone
sb13-105-35adb	15,007.0	15,008.0	321WEBR	2.1	0.000000	Fine-grained, quartzitic sandstone
sb13-105-35adb	15,008.0	15,009.0	321WEBR	3.4	0.100000	Fine-grained, quartzitic sandstone
sb13-105-35adb	15,009.0	15,010.0	321WEBR	3.9	0.000000	Fine-grained, quartzitic sandstone
			AVERAGE--	2.2	0.037931	
SITE AVERAGE-----				2.4	0.024359	
sb14-112-06bab	18,358.0	18,359.0	324MRGN	1.6	0.010000	Shaly, crystalline, limy dolomite
sb14-112-06bab	18,359.0	18,360.0	324MRGN	2.3	0.030000	Shaly, crystalline, limy dolomite
sb14-112-06bab	18,360.0	18,361.0	324MRGN	1.7	0.010000	Shaly, crystalline, limy dolomite
			AVERAGE--	1.9	0.016667	

Table 4.--Laboratory-determined porosity and permeability--Continued

Site	Depth to top (feet)	Depth to bottom (feet)	Formation	Porosity (percent)	Permeability (millidarcies)	Lithology
sb14-112-06bab	18,383.0	18,384.0	327RDVL	2.4	0.010000	Crystalline dolomite
sb14-112-06bab	18,384.0	18,385.0	327RDVL	14.3	7.600000	Sucrose dolomite
sb14-112-06bab	18,385.0	18,386.0	327RDVL	23.2	2.700000	Vuggy, sucrose dolomite
sb14-112-06bab	18,386.0	18,387.0	327RDVL	22.2	8.600000	Vuggy, sucrose dolomite
sb14-112-06bab	18,387.0	18,388.0	327RDVL	22.0	6.200000	Sucrose dolomite
sb14-112-06bab	18,388.0	18,389.0	327RDVL	14.8	6.700000	Crystalline dolomite
sb14-112-06bab	18,389.0	18,390.0	327RDVL	11.3	7.800000	Crystalline dolomite
sb14-112-06bab	18,390.0	18,391.0	327RDVL	8.4	0.070000	Crystalline dolomite
sb14-112-06bab	18,392.0	18,393.0	327RDVL	3.1	0.040000	Crystalline limestone
sb14-112-06bab	18,393.0	18,394.0	327RDVL	2.7	0.010000	Crystalline, dolomitic limestone
sb14-112-06bab	18,394.0	18,395.0	327RDVL	2.9	2.900000	Crystalline, dolomitic limestone
sb14-112-06bab	18,395.0	18,396.0	327RDVL	1.1	0.220000	Crystalline dolomite
sb14-112-06bab	18,396.0	18,397.0	327RDVL	2.3	0.020000	Crystalline dolomite
sb14-112-06bab	18,397.0	18,398.0	327RDVL	2.6	0.020000	Crystalline dolomite
sb14-112-06bab	18,398.0	18,399.0	327RDVL	3.9	0.070000	Crystalline dolomite
sb14-112-06bab	18,399.0	18,400.0	327RDVL	2.6	0.150000	Crystalline dolomite
sb14-112-06bab	18,400.0	18,401.0	327RDVL	3.4	0.010000	Crystalline dolomite
sb14-112-06bab	18,401.0	18,402.0	327RDVL	10.6	0.010000	Crystalline dolomite
sb14-112-06bab	18,402.0	18,403.0	327RDVL	3.8	0.010000	Crystalline, dolomitic limestone
sb14-112-06bab	18,403.0	18,404.0	327RDVL	2.5	0.010000	Crystalline, dolomitic limestone
sb14-112-06bab	18,404.0	18,405.0	327RDVL	2.8	0.010000	Crystalline, dolomitic limestone
sb14-112-06bab	18,405.0	18,406.0	327RDVL	3.1	0.010000	Crystalline, dolomitic limestone
sb14-112-06bab	18,406.0	18,407.0	327RDVL	2.5	0.040000	Crystalline, dolomitic limestone
sb14-112-06bab	18,407.0	18,408.0	327RDVL	2.4	0.070000	Crystalline dolomite
sb14-112-06bab	18,408.0	18,409.0	327RDVL	2.5	0.010000	Crystalline, dolomitic limestone
sb14-112-06bab	18,409.0	18,410.0	327RDVL	2.5	0.020000	Crystalline limestone
sb14-112-06bab	18,410.0	18,411.0	327RDVL	2.1	0.020000	Crystalline dolomite
sb14-112-06bab	18,411.0	18,412.0	327RDVL	4.6	9.100000	Crystalline dolomite
sb14-112-06bab	18,412.0	18,413.0	327RDVL	2.0	0.010000	Shaly, crystalline dolomite
sb14-112-06bab	18,413.0	18,414.0	327RDVL	2.6	0.010000	Shaly, crystalline dolomite
sb14-112-06bab	18,414.0	18,415.0	327RDVL	4.4	0.010000	Crystalline dolomite
sb14-112-06bab	18,415.0	18,416.0	327RDVL	3.1	0.040000	Crystalline, dolomitic limestone
sb14-112-06bab	18,416.0	18,417.0	327RDVL	1.9	0.040000	Crystalline limestone
sb14-112-06bab	18,417.0	18,418.0	327RDVL	1.2	0.010000	Crystalline dolomite
sb14-112-06bab	18,418.0	18,419.0	327RDVL	3.7	0.010000	Crystalline dolomite
sb14-112-06bab	18,419.0	18,420.0	327RDVL	3.1	0.010000	Crystalline limestone
sb14-112-06bab	18,420.0	18,421.0	327RDVL	2.0	0.010000	Crystalline limestone
sb14-112-06bab	18,421.0	18,422.0	327RDVL	1.9	0.040000	Crystalline limestone
sb14-112-06bab	18,422.0	18,423.0	327RDVL	2.0	0.460000	Fractured, crystalline limestone
sb14-112-06bab	18,423.0	18,424.0	327RDVL	5.3	0.010000	Crystalline limestone
sb14-112-06bab	18,424.0	18,425.0	327RDVL	1.3	0.010000	Crystalline limestone
sb14-112-06bab	18,425.0	18,426.0	327RDVL	5.8	0.200000	Crystalline dolomite
sb14-112-06bab	18,426.0	18,427.0	327RDVL	5.2	0.550000	Crystalline dolomite
sb14-112-06bab	18,427.0	18,428.0	327RDVL	7.0	0.030000	Crystalline dolomite
sb14-112-06bab	18,428.0	18,429.0	327RDVL	5.4	0.020000	Crystalline dolomite
sb14-112-06bab	18,429.0	18,430.0	327RDVL	6.6	0.090000	Crystalline dolomite
sb14-112-06bab	18,430.0	18,431.0	327RDVL	3.0	0.070000	Crystalline dolomite
sb14-112-06bab	18,431.0	18,432.0	327RDVL	8.1	15.000000	Fractured, crystalline dolomite
sb14-112-06bab	18,432.0	18,433.0	327RDVL	8.5	0.390000	Crystalline dolomite
sb14-112-06bab	18,433.0	18,434.0	327RDVL	10.9	0.010000	Crystalline dolomite

Table 4.--Laboratory-determined porosity and permeability--Continued

Site	Depth to top (feet)	Depth to bottom (feet)	Formation	Porosity (percent)	Permeability (millidarcies)	Lithology
sb14-112-06bab	18,434.0	18,435.0	327RDVL	15.7	7.100000	Crystalline dolomite
sb14-112-06bab	18,435.0	18,436.0	327RDVL	15.0	19.000000	Crystalline dolomite
sb14-112-06bab	18,436.0	18,437.0	327RDVL	7.9	3.100000	Crystalline dolomite
sb14-112-06bab	18,437.0	18,438.0	327RDVL	8.9	0.380000	Crystalline limestone
sb14-112-06bab	18,438.0	18,439.0	327RDVL	10.6	1.400000	Crystalline dolomite
sb14-112-06bab	18,439.0	18,440.0	327RDVL	6.7	0.290000	Crystalline, dolomitic limestone
sb14-112-06bab	18,440.0	18,441.0	327RDVL	8.7	0.240000	Crystalline, dolomitic limestone
sb14-112-06bab	18,441.0	18,442.0	327RDVL	1.8	0.000000	Crystalline limestone
sb14-112-06bab	18,442.0	18,443.0	327RDVL	3.1	0.110000	Crystalline limestone
sb14-112-06bab	18,443.0	18,444.0	327RDVL	2.0	0.010000	Crystalline limestone
sb14-112-06bab	18,444.0	18,445.0	327RDVL	1.0	0.010000	Crystalline limestone
sb14-112-06bab	18,445.0	18,446.0	327RDVL	3.2	0.060000	Crystalline limestone
sb14-112-06bab	18,446.0	18,447.0	327RDVL	2.8	0.660000	Crystalline limestone
sb14-112-06bab	18,447.0	18,448.0	327RDVL	1.1	0.010000	Crystalline limestone
sb14-112-06bab	18,448.0	18,449.0	327RDVL	2.1	0.000000	Crystalline limestone
sb14-112-06bab	18,449.0	18,450.0	327RDVL	2.0	0.160000	Crystalline limestone
sb14-112-06bab	18,450.0	18,451.0	327RDVL	3.2	0.000000	Crystalline limestone
sb14-112-06bab	18,451.0	18,452.0	327RDVL	4.1	0.320000	Crystalline limestone
sb14-112-06bab	18,452.0	18,453.0	327RDVL	3.5	0.010000	Crystalline limestone
sb14-112-06bab	18,453.0	18,454.0	327RDVL	0.7	0.000000	Crystalline limestone
sb14-112-06bab	18,454.0	18,455.0	327RDVL	1.3	0.130000	Crystalline limestone
sb14-112-06bab	18,455.0	18,456.0	327RDVL	1.1	0.000000	Crystalline limestone
sb14-112-06bab	18,456.0	18,457.0	327RDVL	1.0	0.070000	Crystalline limestone
sb14-112-06bab	18,457.0	18,458.0	327RDVL	0.9	6.600000	Crystalline limestone
sb14-112-06bab	18,458.0	18,459.0	327RDVL	2.6	0.010000	Crystalline dolomite
sb14-112-06bab	18,459.0	18,460.0	327RDVL	3.1	0.000000	Crystalline dolomite
sb14-112-06bab	18,460.0	18,461.0	327RDVL	10.5	0.010000	Crystalline dolomite
sb14-112-06bab	18,461.0	18,462.0	327RDVL	2.0	0.000000	Crystalline dolomite
sb14-112-06bab	18,462.0	18,463.0	327RDVL	6.3	0.000000	Crystalline dolomite
sb14-112-06bab	18,463.0	18,464.0	327RDVL	12.0	0.010000	Crystalline dolomite
sb14-112-06bab	18,471.0	18,472.0	327RDVL	3.6	0.010000	Crystalline dolomite
sb14-112-06bab	18,472.0	18,473.0	327RDVL	1.5	0.010000	Crystalline dolomite
sb14-112-06bab	18,473.0	18,474.0	327RDVL	1.6	0.010000	Crystalline limestone
sb14-112-06bab	18,474.0	18,475.0	327RDVL	2.8	0.000000	Crystalline limestone
sb14-112-06bab	18,475.0	18,476.0	327RDVL	3.4	9.900000	Crystalline limestone
sb14-112-06bab	18,476.0	18,477.0	327RDVL	6.1	0.020000	Crystalline limestone
sb14-112-06bab	18,477.0	18,478.0	327RDVL	2.9	0.850000	Crystalline dolomite
sb14-112-06bab	18,478.0	18,479.0	327RDVL	2.5	0.250000	Crystalline dolomite
sb14-112-06bab	18,479.0	18,480.0	327RDVL	1.9	0.000000	Crystalline dolomite
sb14-112-06bab	18,480.0	18,481.0	327RDVL	4.5	10.000000	Crystalline limestone
sb14-112-06bab	18,481.0	18,482.0	327RDVL	2.7	0.000000	Crystalline limestone
sb14-112-06bab	18,482.0	18,483.0	327RDVL	1.3	0.010000	Crystalline limestone
sb14-112-06bab	18,483.0	18,484.0	327RDVL	2.7	0.000000	Crystalline dolomite
sb14-112-06bab	18,484.0	18,485.0	327RDVL	3.7	0.330000	Crystalline dolomite
sb14-112-06bab	18,485.0	18,486.0	327RDVL	4.0	1.400000	Crystalline dolomite
sb14-112-06bab	18,486.0	18,487.0	327RDVL	4.7	0.020000	Crystalline dolomite
sb14-112-06bab	18,487.0	18,488.0	327RDVL	2.1	0.000000	Crystalline dolomite
sb14-112-06bab	18,488.0	18,489.0	327RDVL	3.0	0.010000	Crystalline limestone

Table 4.--Laboratory-determined porosity and permeability--Continued

Site	Depth to top (feet)	Depth to bottom (feet)	Formation	Porosity (percent)	Permeability (millidarcies)	Lithology
sb14-112-06bab	18,489.0	18,490.0	327RDVL	4.7	0.590000	Crystalline dolomite
sb14-112-06bab	18,490.0	18,491.0	327RDVL	2.2	0.000000	Crystalline limestone
sb14-112-06bab	18,491.0	18,492.0	327RDVL	4.0	0.280000	Crystalline limestone
sb14-112-06bab	18,492.0	18,493.0	327RDVL	3.4	0.070000	Crystalline limestone
sb14-112-06bab	18,493.0	18,494.0	327RDVL	3.2	0.010000	Crystalline limestone
sb14-112-06bab	18,494.0	18,495.0	327RDVL	6.9	1.500000	Crystalline limestone
sb14-112-06bab	18,495.0	18,496.0	327RDVL	2.4	0.010000	Crystalline dolomite
sb14-112-06bab	18,496.0	18,497.0	327RDVL	2.2	0.000000	Crystalline dolomite
sb14-112-06bab	18,497.0	18,498.0	327RDVL	2.9	0.010000	Crystalline dolomite
sb14-112-06bab	18,498.0	18,499.0	327RDVL	3.8	0.080000	Crystalline dolomite
sb14-112-06bab	18,499.0	18,500.0	327RDVL	2.2	0.000000	Crystalline limestone
sb14-112-06bab	18,500.0	18,501.0	327RDVL	5.6	0.230000	Crystalline limestone
sb14-112-06bab	18,501.0	18,502.0	327RDVL	3.9	0.000000	Crystalline dolomite
sb14-112-06bab	18,507.0	18,508.0	327RDVL	5.1	0.000000	Crystalline dolomite
sb14-112-06bab	18,508.0	18,509.0	327RDVL	8.3	0.000000	Crystalline dolomite
sb14-112-06bab	18,509.0	18,510.0	327RDVL	3.4	0.590000	Crystalline, dolomitic limestone
sb14-112-06bab	18,510.0	18,511.0	327RDVL	2.4	0.010000	Crystalline dolomite
sb14-112-06bab	18,511.0	18,512.0	327RDVL	8.4	0.040000	Crystalline dolomite
sb14-112-06bab	18,512.0	18,513.0	327RDVL	4.0	0.110000	Crystalline dolomite
sb14-112-06bab	18,513.0	8,514.0	327RDVL	3.6	0.090000	Crystalline dolomite
sb14-112-06bab	18,514.0	18,515.0	327RDVL	2.9	0.000000	Crystalline dolomite
sb14-112-06bab	18,515.0	18,516.0	327RDVL	2.9	0.000000	Crystalline dolomite
sb14-112-06bab	18,516.0	18,517.0	327RDVL	3.2	0.000000	Crystalline dolomite
sb14-112-06bab	18,517.0	18,518.0	327RDVL	3.0	0.000000	Crystalline dolomite
sb14-112-06bab	18,518.0	18,519.0	327RDVL	2.4	0.770000	Crystalline dolomite
sb14-112-06bab	18,519.0	18,520.0	327RDVL	2.8	0.010000	Crystalline limestone
sb14-112-06bab	18,520.0	18,521.0	327RDVL	2.9	0.160000	Shaly, crystalline dolomite
sb14-112-06bab	18,521.0	18,522.0	327RDVL	5.0	0.020000	Crystalline dolomite
sb14-112-06bab	18,524.0	18,525.0	327RDVL	2.9	449.000000	Crystalline dolomite
sb14-112-06bab	18,525.0	18,526.0	327RDVL	2.8	0.020000	Crystalline dolomite
sb14-112-06bab	18,528.0	18,529.0	327RDVL	3.0	2.200000	Crystalline limestone
sb14-112-06bab	18,539.0	18,540.0	327RDVL	3.1	0.000000	Shaly, anhydritic, crystalline limestone
sb14-112-06bab	18,540.0	18,541.0	327RDVL	2.1	0.210000	Shaly, anhydritic, crystalline limestone
sb14-112-06bab	18,542.0	18,543.0	327RDVL	1.9	0.000000	Shaly, crystalline limestone
AVERAGE--				4.6	4.454394	
SITE AVERAGE-----				4.5	4.355778	
sb14-91-13bab	11,048.0	11,049.0	321TSLP	0.6	0.100000	Fine-grained, quartzitic sandstone
sb14-91-13bab	11,049.0	11,050.0	321TSLP	0.7	0.030000	Fine-grained, quartzitic sandstone
sb14-91-13bab	11,050.0	11,051.0	321TSLP	0.8	0.030000	Fine-grained, quartzitic sandstone
sb14-91-13bab	11,051.0	11,052.0	321TSLP	0.6	0.080000	Fine-grained, quartzitic sandstone
sb14-91-13bab	11,052.0	11,053.0	321TSLP	0.5	0.020000	Fine-grained, quartzitic sandstone
sb14-91-13bab	11,053.0	11,054.0	321TSLP	0.6	0.020000	Fine-grained, quartzitic sandstone
sb14-91-13bab	11,054.0	11,055.0	321TSLP	0.7	0.060000	Fine-grained, quartzitic sandstone
sb14-91-13bab	11,059.0	11,060.0	321TSLP	0.5	0.060000	Fine-grained, quartzitic sandstone
sb14-91-13bab	11,060.0	11,061.0	321TSLP	0.2	2.800000	Fine-grained, quartzitic sandstone
sb14-91-13bab	11,061.0	11,062.0	321TSLP	0.2	0.030000	Fine-grained, quartzitic sandstone

Table 4.--Laboratory-determined porosity and permeability--Continued

Site	Depth to top (feet)	Depth to bottom (feet)	Formation	Porosity (percent)	Permeability (millidarcies)	Lithology
sb14-91-13bab	11,062.0	11,063.0	321TSLP	0.6	0.030000	Fine-grained, quartzitic sandstone
sb14-91-13bab	11,063.0	11,064.0	321TSLP	0.2	0.040000	Fine-grained, quartzitic sandstone
sb14-91-13bab	11,067.0	11,068.0	321TSLP	1.1	0.090000	Fine-grained, quartzitic sandstone
sb14-91-13bab	11,068.0	11,069.0	321TSLP	0.9	0.550000	Fine-grained, quartzitic sandstone
sb14-91-13bab	11,069.0	11,070.0	321TSLP	0.7	0.040000	Fine-grained, quartzitic sandstone
sb14-91-13bab	11,070.0	11,071.0	321TSLP	0.6	81.000000	Fine-grained, quartzitic sandstone
sb14-91-13bab	11,071.0	11,072.0	321TSLP	1.4	450.000000	Fine-grained, quartzitic sandstone
sb14-91-13bab	11,072.0	11,073.0	321TSLP	0.9	0.040000	Fine-grained, quartzitic sandstone
sb14-91-13bab	11,073.0	11,074.0	321TSLP	1.0	0.020000	Fine-grained, quartzitic sandstone
sb14-91-13bab	11,074.0	11,075.0	321TSLP	0.7	2.100000	Fine-grained, quartzitic sandstone
sb14-91-13bab	11,075.0	11,076.0	321TSLP	2.0	87.000000	Fine-grained, quartzitic sandstone
sb14-91-13bab	11,076.0	11,077.0	321TSLP	1.0	0.020000	Fine-grained, quartzitic sandstone
sb14-91-13bab	11,077.0	11,078.0	321TSLP	0.3	0.030000	Fine-grained, quartzitic sandstone
sb14-91-13bab	11,078.0	11,079.0	321TSLP	7.3	94.000000	Fine-grained, quartzitic sandstone
sb14-91-13bab	11,079.0	11,080.0	321TSLP	1.0	0.010000	Fine-grained, quartzitic sandstone
sb14-91-13bab	11,081.0	11,082.0	321TSLP	1.4	0.050000	Fine-grained, quartzitic sandstone
sb14-91-13bab	11,082.0	11,083.0	321TSLP	1.6	0.030000	Fine-grained, quartzitic sandstone
sb14-91-13bab	11,083.0	11,084.0	321TSLP	1.4	0.040000	Fine-grained, quartzitic sandstone
sb14-91-13bab	11,084.0	11,085.0	321TSLP	1.8	0.030000	Fine-grained, quartzitic sandstone
sb14-91-13bab	11,085.0	11,086.0	321TSLP	1.3	0.020000	Fine-grained, quartzitic sandstone
			AVERAGE--	1.1	23.945667	
SITE AVERAGE-----				1.1	23.945667	
sb16-101-11ddc	14,070.0	14,071.0	317PRKC	0.7	0.020000	Fine-grained dolomite
sb16-101-11ddc	14,072.0	14,073.0	317PRKC	1.4	2.600000	Crystalline dolomite
sb16-101-11ddc	14,073.0	14,074.0	317PRKC	2.3	0.190000	Crystalline dolomite
sb16-101-11ddc	14,074.0	14,075.0	317PRKC	1.3	0.090000	Finely crystalline dolomite
sb16-101-11ddc	14,078.0	14,079.0	317PRKC	2.6	0.030000	Crystalline dolomite
sb16-101-11ddc	14,079.0	14,080.0	317PRKC	0.9	0.890000	Crystalline dolomite
sb16-101-11ddc	14,081.0	14,082.0	317PRKC	0.8	0.030000	Fine-grained dolomite
sb16-101-11ddc	14,082.0	14,083.0	317PRKC	1.1	0.120000	Crystalline dolomite
sb16-101-11ddc	14,083.0	14,084.0	317PRKC	0.8	10.300000	Vuggy, crystalline dolomite
sb16-101-11ddc	14,085.0	14,086.0	317PRKC	2.3	0.060000	Crystalline dolomite
sb16-101-11ddc	14,086.0	14,087.0	317PRKC	0.7	4.500000	Fine-grained dolomite
sb16-101-11ddc	14,087.0	14,088.0	317PRKC	6.8	0.100000	Crystalline dolomite
sb16-101-11ddc	14,088.0	14,089.0	317PRKC	1.0	23.600000	Fine-grained dolomite
sb16-101-11ddc	14,089.0	14,090.0	317PRKC	1.3	0.070000	Fine-grained limy dolomite
sb16-101-11ddc	14,090.0	14,091.0	317PRKC	11.4	0.100000	Sucrose dolomite
sb16-101-11ddc	14,091.0	14,092.0	317PRKC	10.2	0.040000	Sucrose dolomite
sb16-101-11ddc	14,092.0	14,093.0	317PRKC	1.8	0.030000	Finely crystalline dolomite
sb16-101-11ddc	14,093.0	14,094.0	317PRKC	3.4	1.600000	Crystalline dolomite with calcite-filled vugs
sb16-101-11ddc	14,094.0	14,095.0	317PRKC	2.8	3.400000	Vuggy, sucrose dolomite
sb16-101-11ddc	14,095.0	14,096.0	317PRKC	6.9	0.890000	Sucrose dolomite
sb16-101-11ddc	14,096.0	14,097.0	317PRKC	1.5	88.000000	Fractured, vuggy, crystalline dolomite
sb16-101-11ddc	14,097.0	14,098.0	317PRKC	0.8	0.300000	Fine-grained dolomite
sb16-101-11ddc	14,098.0	14,099.0	317PRKC	1.2	3.900000	Fine-grained dolomite
sb16-101-11ddc	14,099.0	14,100.0	317PRKC	1.6	15.000000	Fine-grained dolomite
sb16-101-11ddc	14,100.0	14,101.0	317PRKC	3.9	1.600000	Sucrose dolomite

Table 4.--Laboratory-determined porosity and permeability--Continued

Site	Depth to top (feet)	Depth to bottom (feet)	Formation	Porosity (percent)	Permeability (millidarcies)	Lithology
sb16-101-11ddc	14,101.0	14,102.0	317PRKC	0.7	0.100000	Crystalline dolomite
sb16-101-11ddc	14,102.0	14,103.0	317PRKC	7.7	0.070000	Sucrose dolomite
sb16-101-11ddc	14,104.0	14,105.0	317PRKC	3.7	1.500000	Crystalline dolomite
sb16-101-11ddc	14,106.0	14,107.0	317PRKC	1.9	0.860000	Dolomite with calcite-filled vugs
sb16-101-11ddc	14,108.0	14,109.0	317PRKC	1.8	0.100000	Finely crystalline dolomite
sb16-101-11ddc	14,110.0	14,111.0	317PRKC	13.8	0.420000	Sucrose dolomite
sb16-101-11ddc	14,111.0	14,112.0	317PRKC	6.8	36.000000	Vuggy, sucrose dolomite
sb16-101-11ddc	14,112.0	14,113.0	317PRKC	2.7	0.090000	Fine-grained dolomite
sb16-101-11ddc	14,113.0	14,114.0	317PRKC	15.7	0.160000	Sucrose dolomite
sb16-101-11ddc	14,114.0	14,115.0	317PRKC	10.0	0.160000	Sucrose dolomite
sb16-101-11ddc	14,119.0	14,120.0	317PRKC	3.1	0.030000	Crystalline dolomite with calcite inclusions
sb16-101-11ddc	14,120.0	14,121.0	317PRKC	2.8	0.030000	Crystalline dolomite
sb16-101-11ddc	14,121.0	14,122.0	317PRKC	4.7	7.800000	Crystalline dolomite
sb16-101-11ddc	14,122.0	14,123.0	317PRKC	4.3	1.300000	Crystalline dolomite with calcite inclusions
sb16-101-11ddc	14,124.0	14,125.0	317PRKC	8.0	0.110000	Sucrose dolomite
sb16-101-11ddc	14,126.0	14,127.0	317PRKC	0.7	0.030000	Crystalline dolomite
sb16-101-11ddc	14,128.0	14,129.0	317PRKC	4.5	0.910000	Crystalline dolomite
sb16-101-11ddc	14,130.0	14,131.0	317PRKC	3.2	4.300000	Crystalline dolomite
sb16-101-11ddc	14,132.0	14,133.0	317PRKC	3.0	0.040000	Crystalline dolomite
sb16-101-11ddc	14,134.0	14,135.0	317PRKC	3.1	0.030000	Crystalline dolomite
sb16-101-11ddc	14,136.0	14,137.0	317PRKC	1.2	0.120000	Crystalline limestone
sb16-101-11ddc	14,138.0	14,139.0	317PRKC	2.2	0.980000	Fine-grained dolomite
sb16-101-11ddc	14,140.0	14,141.0	317PRKC	1.6	0.030000	Fine-grained dolomite
sb16-101-11ddc	14,142.0	14,143.0	317PRKC	0.5	0.040000	Crystalline dolomite with calcite inclusions
sb16-101-11ddc	14,144.0	14,145.0	317PRKC	1.2	0.020000	Crystalline dolomite
sb16-101-11ddc	14,145.0	14,146.0	317PRKC	1.8	0.120000	Crystalline dolomite
sb16-101-11ddc	14,146.0	14,147.0	317PRKC	1.4	0.020000	Crystalline dolomite
sb16-101-11ddc	14,147.0	14,148.0	317PRKC	1.7	0.590000	Fine-grained dolomite
sb16-101-11ddc	14,149.0	14,150.0	317PRKC	1.7	0.020000	Fine-grained dolomite
sb16-101-11ddc	14,150.0	14,151.0	317PRKC	11.2	0.510000	Crystalline dolomite
sb16-101-11ddc	14,151.0	14,152.0	317PRKC	1.9	0.270000	Crystalline dolomite
sb16-101-11ddc	14,152.0	14,153.0	317PRKC	1.0	0.080000	Crystalline dolomite
sb16-101-11ddc	14,153.0	14,154.0	317PRKC	1.3	0.360000	Crystalline dolomite
sb16-101-11ddc	14,154.0	14,155.0	317PRKC	1.2	0.130000	Crystalline dolomite
sb16-101-11ddc	14,155.0	14,156.0	317PRKC	2.0	0.520000	Crystalline dolomite
sb16-101-11ddc	14,157.0	14,158.0	317PRKC	1.7	0.030000	Crystalline dolomite
sb16-101-11ddc	14,158.0	14,159.0	317PRKC	1.6	0.110000	Crystalline dolomite
sb16-101-11ddc	14,159.0	14,160.0	317PRKC	1.9	0.020000	Crystalline dolomite
sb16-101-11ddc	14,206.0	14,207.0	317PRKC	1.6	0.140000	Crystalline dolomite
sb16-101-11ddc	14,230.0	14,231.0	317PRKC	0.6	0.090000	Crystalline dolomite with calcite inclusions
sb16-101-11ddc	14,231.0	14,232.0	317PRKC	2.6	0.260000	Crystalline dolomite with calcite inclusions
sb16-101-11ddc	14,232.0	14,233.0	317PRKC	2.0	0.290000	Crystalline dolomite with calcite inclusions
sb16-101-11ddc	14,233.0	14,234.0	317PRKC	3.4	7.800000	Crystalline dolomite with calcite inclusions
sb16-101-11ddc	14,234.0	14,235.0	317PRKC	0.9	0.450000	Sucrose dolomite
sb16-101-11ddc	14,235.0	14,236.0	317PRKC	8.7	0.030000	Vuggy, crystalline dolomite
sb16-101-11ddc	14,236.0	14,237.0	317PRKC	12.6	4.500000	Sucrose dolomite
sb16-101-11ddc	14,237.0	14,238.0	317PRKC	12.3	0.030000	Vuggy, sucrose dolomite
sb16-101-11ddc	14,238.0	14,239.0	317PRKC	10.0	0.040000	Vuggy, sucrose dolomite
sb16-101-11ddc	14,239.0	14,240.0	317PRKC	9.9	3.200000	Sucrose dolomite
sb16-101-11ddc	14,242.0	14,243.0	317PRKC	1.5	3.400000	Crystalline dolomite
AVERAGE--				3.7	3.142667	

Table 4.--Laboratory-determined porosity and permeability--Continued

Site	Depth to top (feet)	Depth to bottom (feet)	Formation	Porosity (percent)	Permeability (millidarcies)	Lithology
sb16-101-11ddc	14,282.0	14,283.0	321TSLP	1.2	0.260000	Fine- to coarse-grained, limy sandstone
sb16-101-11ddc	14,283.0	14,284.0	321TSLP	1.9	0.240000	Fine-grained dolomite
sb16-101-11ddc	14,284.0	14,285.0	321TSLP	0.7	0.050000	Medium- to coarse-grained, limy sandstone
sb16-101-11ddc	14,285.0	14,286.0	321TSLP	1.0	0.150000	Medium- to coarse-grained, limy sandstone
sb16-101-11ddc	14,287.0	14,288.0	321TSLP	1.2	0.060000	Fine- to medium-grained, limy sandstone
sb16-101-11ddc	14,288.0	14,289.0	321TSLP	6.5	22.000000	Fine to medium-grained, limy sandstone
sb16-101-11ddc	14,289.0	14,290.0	321TSLP	2.0	1.100000	Fine- to medium-grained, limy sandstone
sb16-101-11ddc	14,291.0	14,292.0	321TSLP	0.9	0.030000	Fine- to medium-grained, limy sandstone
sb16-101-11ddc	14,293.0	14,294.0	321TSLP	1.9	0.030000	Fine- to medium-grained, limy sandstone
sb16-101-11ddc	14,295.0	14,296.0	321TSLP	1.1	0.030000	Fine- to medium-grained, limy sandstone
sb16-101-11ddc	14,297.0	14,298.0	321TSLP	1.1	23.000000	Fine-grained sandstone
sb16-101-11ddc	14,298.0	14,299.0	321TSLP	1.0	0.040000	Fine-grained, limy sandstone
sb16-101-11ddc	14,299.0	14,300.0	321TSLP	0.8	0.030000	Fine- to medium-grained, limy sandstone
sb16-101-11ddc	14,300.0	14,301.0	321TSLP	1.1	0.170000	Fine- to medium-grained, limy sandstone
sb16-101-11ddc	14,301.0	14,302.0	321TSLP	0.8	0.050000	Fine- to medium-grained, limy sandstone
sb16-101-11ddc	14,302.0	14,303.0	321TSLP	2.4	3.100000	Fractured, fine- to medium-grained, limy sandstone
sb16-101-11ddc	14,303.0	14,304.0	321TSLP	4.3	0.030000	Fine- to medium-grained, limy sandstone
sb16-101-11ddc	14,304.0	14,305.0	321TSLP	5.2	0.130000	Fine- to medium-grained sandstone
sb16-101-11ddc	14,305.0	14,306.0	321TSLP	5.7	0.070000	Fine- to medium-grained, limy sandstone
sb16-101-11ddc	14,306.0	14,307.0	321TSLP	9.0	0.800000	Fine-grained sandstone
sb16-101-11ddc	14,308.0	14,309.0	321TSLP	9.3	1.800000	Fine-grained sandstone
sb16-101-11ddc	14,309.0	14,310.0	321TSLP	8.9	2.400000	Fine-grained sandstone
sb16-101-11ddc	14,313.0	14,314.0	321TSLP	4.0	0.030000	Fine-grained sandstone
sb16-101-11ddc	14,315.0	14,316.0	321TSLP	6.7	0.030000	Fine-grained sandstone
sb16-101-11ddc	14,317.0	14,318.0	321TSLP	6.0	0.160000	Fine-grained sandstone
sb16-101-11ddc	14,319.0	14,320.0	321TSLP	6.8	0.710000	Fine-grained sandstone
sb16-101-11ddc	14,321.0	14,322.0	321TSLP	7.2	0.470000	Fine- to medium-grained sandstone
sb16-101-11ddc	14,323.0	14,324.0	321TSLP	10.3	0.760000	Fine- to medium-grained sandstone
sb16-101-11ddc	14,325.0	14,326.0	321TSLP	12.0	1.700000	Fine-grained sandstone
sb16-101-11ddc	14,327.0	14,328.0	321TSLP	11.2	2.400000	Fine-grained sandstone
sb16-101-11ddc	14,329.0	14,330.0	321TSLP	8.6	2.700000	Fine-grained, limy sandstone
sb16-101-11ddc	14,331.0	14,332.0	321TSLP	5.9	0.080000	Fine-grained sandstone
sb16-101-11ddc	14,333.0	14,334.0	321TSLP	8.5	1.400000	Fine-grained sandstone
sb16-101-11ddc	14,335.0	14,336.0	321TSLP	7.0	0.660000	Fine- to medium-grained sandstone
sb16-101-11ddc	14,337.0	14,338.0	321TSLP	9.2	15.000000	Fine- to medium-grained sandstone
sb16-101-11ddc	14,339.0	14,340.0	321TSLP	9.8	13.000000	Fine- to medium-grained sandstone
sb16-101-11ddc	14,340.0	14,341.0	321TSLP	8.8	14.000000	Fine- to medium-grained sandstone
sb16-101-11ddc	14,341.0	14,342.0	321TSLP	7.3	2.500000	Fine- to coarse-grained sandstone
sb16-101-11ddc	14,342.0	14,343.0	321TSLP	9.2	24.000000	Fine- to medium-grained sandstone
sb16-101-11ddc	14,343.0	14,344.0	321TSLP	2.4	0.040000	Fine- to medium-grained sandstone
sb16-101-11ddc	14,345.0	14,346.0	321TSLP	5.2	0.040000	Fine- to medium-grained sandstone
sb16-101-11ddc	14,347.0	14,348.0	321TSLP	4.9	0.030000	Fine- to medium-grained sandstone
sb16-101-11ddc	14,349.0	14,350.0	321TSLP	3.7	0.030000	Fine- to medium-grained, limy sandstone
sb16-101-11ddc	14,351.0	14,352.0	321TSLP	4.1	0.720000	Fine- to medium-grained sandstone
sb16-101-11ddc	14,353.0	14,354.0	321TSLP	5.8	0.060000	Fine- to medium-grained sandstone
sb16-101-11ddc	14,355.0	14,356.0	321TSLP	3.7	0.060000	Fine- to medium-grained sandstone
sb16-101-11ddc	14,357.0	14,358.0	321TSLP	3.5	0.100000	Fine- to medium-grained sandstone
sb16-101-11ddc	14,359.0	14,360.0	321TSLP	2.3	0.030000	Fine- to medium-grained, limy sandstone
sb16-101-11ddc	14,361.0	14,362.0	321TSLP	1.3	0.080000	Fine- to medium-grained sandstone
sb16-101-11ddc	14,363.0	14,364.0	321TSLP	3.4	0.030000	Fine- to medium-grained sandstone

Table 4.--Laboratory-determined porosity and permeability--Continued

Site	Depth to top (feet)	Depth to bottom (feet)	Formation	Porosity (percent)	Permeability (millidarcies)	Lithology
sb16-101-11ddc	14,365.0	14,366.0	321TSLP	6.0	0.140000	Fine- to medium-grained sandstone
sb16-101-11ddc	14,367.0	14,368.0	321TSLP	6.8	0.740000	Fine- to medium-grained sandstone
sb16-101-11ddc	14,369.0	14,370.0	321TSLP	6.7	0.600000	Fine- to medium-grained sandstone
sb16-101-11ddc	14,371.0	14,372.0	321TSLP	3.6	0.530000	Fine- to medium-grained sandstone
sb16-101-11ddc	14,372.0	14,373.0	321TSLP	6.4	1.200000	Fine- to medium-grained sandstone
sb16-101-11ddc	14,374.0	14,375.0	321TSLP	5.4	0.660000	Fine- to medium-grained sandstone
sb16-101-11ddc	14,376.0	14,377.0	321TSLP	2.8	0.030000	Fine- to medium-grained sandstone
sb16-101-11ddc	14,378.0	14,379.0	321TSLP	5.2	0.470000	Fine- to medium-grained sandstone
sb16-101-11ddc	14,380.0	14,381.0	321TSLP	1.7	0.010000	Fine- to medium-grained sandstone
sb16-101-11ddc	14,382.0	14,383.0	321TSLP	2.0	0.040000	Fine- to medium-grained sandstone
sb16-101-11ddc	14,384.0	14,385.0	321TSLP	1.2	0.040000	Fine- to medium-grained sandstone
sb16-101-11ddc	14,386.0	14,387.0	321TSLP	3.2	0.040000	Fine- to medium-grained sandstone
sb16-101-11ddc	14,388.0	14,389.0	321TSLP	5.6	0.040000	Fine- to medium-grained sandstone
sb16-101-11ddc	14,390.0	14,391.0	321TSLP	5.8	0.040000	Fine- to medium-grained sandstone
sb16-101-11ddc	14,392.0	14,393.0	321TSLP	6.0	0.230000	Fine- to medium-grained sandstone
sb16-101-11ddc	14,394.0	14,395.0	321TSLP	5.6	0.070000	Fine- to medium-grained sandstone
sb16-101-11ddc	14,396.0	14,397.0	321TSLP	5.8	0.700000	Fine- to medium-grained sandstone
sb16-101-11ddc	14,398.0	14,399.0	321TSLP	7.3	0.980000	Fine- to medium-grained sandstone
sb16-101-11ddc	14,400.0	14,401.0	321TSLP	6.6	6.500000	Medium-grained sandstone
sb16-101-11ddc	14,402.0	14,403.0	321TSLP	7.2	0.300000	Fine- to medium-grained sandstone
sb16-101-11ddc	14,404.0	14,405.0	321TSLP	5.8	0.440000	Fine-grained sandstone
sb16-101-11ddc	14,405.0	14,406.0	321TSLP	6.2	0.580000	Fine- to medium-grained sandstone
sb16-101-11ddc	14,406.0	14,407.0	321TSLP	5.4	0.030000	Fine- to medium-grained sandstone
sb16-101-11ddc	14,407.0	14,408.0	321TSLP	10.6	9.200000	Fine- to medium-grained sandstone
sb16-101-11ddc	14,408.0	14,409.0	321TSLP	8.2	3.300000	Fine-grained sandstone
sb16-101-11ddc	14,409.0	14,410.0	321TSLP	9.9	8.600000	Fine-grained sandstone
sb16-101-11ddc	14,410.0	14,411.0	321TSLP	6.0	0.700000	Fine- to medium-grained sandstone
sb16-101-11ddc	14,411.0	14,412.0	321TSLP	7.8	2.100000	Fine-grained sandstone
sb16-101-11ddc	14,412.0	14,413.0	321TSLP	10.3	8.300000	Fine-grained sandstone
sb16-101-11ddc	14,414.0	14,415.0	321TSLP	9.2	2.900000	Fine-grained sandstone
sb16-101-11ddc	14,416.0	14,417.0	321TSLP	8.1	1.500000	Fine-grained sandstone
sb16-101-11ddc	14,418.0	14,419.0	321TSLP	7.3	2.000000	Fine-grained sandstone
sb16-101-11ddc	14,420.0	14,421.0	321TSLP	9.6	3.500000	Fine-grained sandstone
sb16-101-11ddc	14,422.0	14,423.0	321TSLP	5.7	0.140000	Fine- to medium-grained sandstone
sb16-101-11ddc	14,424.0	14,425.0	321TSLP	6.2	0.190000	Fine-grained sandstone
sb16-101-11ddc	14,426.0	14,427.0	321TSLP	2.2	0.610000	Fine- to medium-grained sandstone
sb16-101-11ddc	14,428.0	14,429.0	321TSLP	3.3	0.010000	Fine- to medium-grained sandstone
sb16-101-11ddc	14,430.0	14,431.0	321TSLP	3.0	7.700000	Fine- to medium-grained sandstone
sb16-101-11ddc	14,431.0	14,432.0	321TSLP	4.0	0.030000	Fine- to medium-grained sandstone
sb16-101-11ddc	14,432.0	14,433.0	321TSLP	2.2	2.700000	Fine- to medium-grained sandstone
sb16-101-11ddc	14,433.0	14,434.0	321TSLP	3.6	0.010000	Fine- to medium-grained sandstone
sb16-101-11ddc	14,435.0	14,436.0	321TSLP	3.0	0.030000	Fine- to medium-grained sandstone
sb16-101-11ddc	14,437.0	14,438.0	321TSLP	3.4	0.990000	Fine- to medium-grained sandstone
sb16-101-11ddc	14,439.0	14,440.0	321TSLP	2.8	0.050000	Fine- to medium-grained sandstone
sb16-101-11ddc	14,441.0	14,442.0	321TSLP	3.8	0.520000	Fine- to medium-grained sandstone
sb16-101-11ddc	14,443.0	14,444.0	321TSLP	2.7	132.000000	Fine- to medium-grained sandstone
sb16-101-11ddc	14,444.0	14,445.0	321TSLP	4.3	0.040000	Fine- to medium-grained sandstone
sb16-101-11ddc	14,445.0	14,446.0	321TSLP	6.4	0.150000	Fine- to medium-grained sandstone
sb16-101-11ddc	14,446.0	14,447.0	321TSLP	7.0	1.200000	Fine- to medium-grained sandstone
sb16-101-11ddc	14,447.0	14,448.0	321TSLP	10.6	7.000000	Fine- to medium-grained sandstone



Table 4.--Laboratory-determined porosity and permeability--Continued

Site	Depth to top (feet)	Depth to bottom (feet)	Formation	Porosity (percent)	Permeability (millidarcies)	Lithology
sb16-101-11ddc	14,448.0	14,449.0	321TSLP	7.7	1.000000	Fine- to medium-grained sandstone
sb16-101-11ddc	14,449.0	14,450.0	321TSLP	5.9	1.600000	Fine- to medium-grained sandstone
sb16-101-11ddc	14,450.0	14,451.0	321TSLP	5.3	0.270000	Fine- to medium-grained sandstone
sb16-101-11ddc	14,451.0	14,452.0	321TSLP	6.1	6.300000	Fine- to medium-grained sandstone
sb16-101-11ddc	14,452.0	14,453.0	321TSLP	5.7	0.970000	Fine- to medium-grained sandstone
sb16-101-11ddc	14,453.0	14,454.0	321TSLP	3.0	0.090000	Fine- to medium-grained sandstone
sb16-101-11ddc	14,455.0	14,456.0	321TSLP	3.0	0.010000	Fine- to medium-grained sandstone
sb16-101-11ddc	14,457.0	14,458.0	321TSLP	3.6	0.010000	Fine- to medium-grained sandstone
sb16-101-11ddc	14,459.0	14,460.0	321TSLP	4.2	0.010000	Fine- to medium-grained sandstone
sb16-101-11ddc	14,461.0	14,462.0	321TSLP	3.1	0.420000	Fine-grained sandstone
sb16-101-11ddc	14,462.0	14,463.0	321TSLP	3.4	0.030000	Fine-grained sandstone
sb16-101-11ddc	14,464.0	14,465.0	321TSLP	1.9	0.030000	Fine- to medium-grained sandstone
sb16-101-11ddc	14,466.0	14,467.0	321TSLP	2.4	0.010000	Fine- to medium-grained sandstone
sb16-101-11ddc	14,468.0	14,469.0	321TSLP	2.5	2.300000	Fine- to medium-grained sandstone
sb16-101-11ddc	14,469.0	14,470.0	321TSLP	0.9	0.030000	Fine- to medium-grained sandstone
sb16-101-11ddc	14,470.0	14,471.0	321TSLP	3.7	0.030000	Fine- to medium-grained sandstone
sb16-101-11ddc	14,472.0	14,473.0	321TSLP	2.4	0.010000	Fine- to medium-grained sandstone
sb16-101-11ddc	14,474.0	14,475.0	321TSLP	3.2	0.010000	Fine- to medium-grained sandstone
sb16-101-11ddc	14,476.0	14,477.0	321TSLP	1.8	0.030000	Fine- to medium-grained sandstone
sb16-101-11ddc	14,478.0	14,479.0	321TSLP	2.7	0.040000	Fine- to medium-grained sandstone
sb16-101-11ddc	14,480.0	14,481.0	321TSLP	4.3	0.050000	Fine- to medium-grained sandstone
sb16-101-11ddc	14,481.0	14,482.0	321TSLP	5.6	0.120000	Fine- to medium-grained sandstone
sb16-101-11ddc	14,482.0	14,483.0	321TSLP	3.8	0.030000	Fine-grained sandstone
sb16-101-11ddc	14,484.0	14,485.0	321TSLP	1.6	0.060000	Fine- to medium-grained sandstone
AVERAGE--				5.0	2.901048	
SITE AVERAGE-----				4.5	2.992111	
sb16-101-15aaa	13,781.0	13,782.0	317PRKC	0.5	0.020000	Shaly, crystalline dolomite
sb16-101-15aaa	13,782.0	13,783.0	317PRKC	0.5	0.020000	Fine-grained dolomite with calcite inclusions
sb16-101-15aaa	13,783.0	13,784.0	317PRKC	0.4	0.020000	Fine-grained dolomite
sb16-101-15aaa	13,784.0	13,785.0	317PRKC	0.5	0.010000	Fine-grained dolomite
sb16-101-15aaa	13,785.0	13,786.0	317PRKC	0.3	0.000000	Fine-grained dolomite
sb16-101-15aaa	13,786.0	13,787.0	317PRKC	0.3	0.500000	Fine-grained dolomite
sb16-101-15aaa	13,787.0	13,788.0	317PRKC	0.3	0.000000	Fine-grained dolomite
sb16-101-15aaa	13,788.0	13,789.0	317PRKC	0.3	0.010000	Fine-grained dolomite
sb16-101-15aaa	13,789.0	13,790.0	317PRKC	0.3	0.020000	Fine-grained, carbonaceous dolomite
sb16-101-15aaa	13,790.0	13,791.0	317PRKC	0.5	0.010000	Fine-grained dolomite
sb16-101-15aaa	13,791.0	13,792.0	317PRKC	1.2	0.010000	Fine-grained dolomite
sb16-101-15aaa	13,792.0	13,793.0	317PRKC	0.8	0.040000	Fine-grained dolomite
sb16-101-15aaa	13,793.0	13,794.0	317PRKC	0.3	0.010000	Fine-grained, carbonaceous dolomite
sb16-101-15aaa	13,794.0	13,795.0	317PRKC	0.3	0.010000	Fine-grained dolomite
sb16-101-15aaa	13,795.0	13,796.0	317PRKC	0.4	0.010000	Fine-grained, carbonaceous dolomite
sb16-101-15aaa	13,796.0	13,797.0	317PRKC	1.0	0.020000	Fine-grained, carbonaceous dolomite
sb16-101-15aaa	13,797.0	13,798.0	317PRKC	0.6	0.010000	Fine-grained, carbonaceous dolomite
sb16-101-15aaa	13,798.0	13,799.0	317PRKC	1.5	0.040000	Fine-grained, carbonaceous dolomite
sb16-101-15aaa	13,799.0	13,800.0	317PRKC	1.5	0.290000	Fine-grained, carbonaceous dolomite
sb16-101-15aaa	13,800.0	13,801.0	317PRKC	1.3	0.040000	Fine-grained, carbonaceous dolomite
sb16-101-15aaa	13,801.0	13,802.0	317PRKC	0.6	0.010000	Fine-grained dolomite
sb16-101-15aaa	13,802.0	13,803.0	317PRKC	1.2	0.500000	Fine-grained dolomite
sb16-101-15aaa	13,803.0	13,804.0	317PRKC	1.5	0.110000	Fine-grained dolomite
sb16-101-15aaa	13,804.0	13,805.0	317PRKC	1.1	0.030000	Fine-grained dolomite
sb16-101-15aaa	13,805.0	13,806.0	317PRKC	0.9	0.750000	Fine-grained dolomite with calcite crystals

Table 4.--Laboratory-determined porosity and permeability--Continued

Site	Depth to top (feet)	Depth to bottom (feet)	Formation	Porosity (percent)	Permeability (millidarcies)	Lithology
sb16-101-15aaa	13,806.0	13,807.0	317PRKC	0.6	0.800000	Crystalline dolomite
sb16-101-15aaa	13,807.0	13,808.0	317PRKC	0.7	0.010000	Crystalline dolomite
sb16-101-15aaa	13,808.0	13,809.0	317PRKC	0.9	0.040000	Crystalline dolomite with calcite crystals
sb16-101-15aaa	13,809.0	13,810.0	317PRKC	0.4	0.000000	Crystalline dolomite with calcite crystals
sb16-101-15aaa	13,810.0	13,811.0	317PRKC	3.5	0.020000	Fine-grained dolomite
sb16-101-15aaa	13,811.0	13,812.0	317PRKC	2.5	0.010000	Fine-grained dolomite
sb16-101-15aaa	13,812.0	13,813.0	317PRKC	12.6	0.850000	Sucrose dolomite
sb16-101-15aaa	13,813.0	13,814.0	317PRKC	10.8	0.430000	Sucrose dolomite
sb16-101-15aaa	13,814.0	13,815.0	317PRKC	9.1	0.100000	Sucrose dolomite
			AVERAGE--	1.7	0.139706	
sb16-101-15aaa	13,816.0	13,817.0	321TSLP	0.7	0.030000	Fine-grained sandstone
sb16-101-15aaa	13,817.0	13,818.0	321TSLP	0.9	0.030000	Fine-grained sandstone
sb16-101-15aaa	13,818.0	13,819.0	321TSLP	1.3	0.040000	Fine-grained sandstone
sb16-101-15aaa	13,819.0	13,820.0	321TSLP	1.9	0.030000	Fine-grained sandstone
sb16-101-15aaa	13,820.0	13,821.0	321TSLP	0.8	0.030000	Fine-grained sandstone
sb16-101-15aaa	13,821.0	13,822.0	321TSLP	1.3	0.040000	Fine-grained sandstone
sb16-101-15aaa	13,822.0	13,823.0	321TSLP	1.6	0.040000	Fine-grained sandstone
sb16-101-15aaa	13,823.0	13,824.0	321TSLP	1.3	0.030000	Fine-grained sandstone with calcite inclusions
sb16-101-15aaa	13,824.0	13,825.0	321TSLP	1.8	0.030000	Fine-grained sandstone with calcite inclusions
sb16-101-15aaa	13,825.0	13,826.0	321TSLP	1.9	0.040000	Fine-grained sandstone with calcite inclusions
sb16-101-15aaa	13,826.0	13,827.0	321TSLP	2.7	0.150000	Fine-grained sandstone with calcite inclusions
sb16-101-15aaa	13,827.0	13,828.0	321TSLP	1.3	0.030000	Fine-grained sandstone with calcite inclusions
sb16-101-15aaa	13,828.0	13,829.0	321TSLP	2.7	0.050000	Fine-grained sandstone with calcite inclusions
sb16-101-15aaa	13,829.0	13,830.0	321TSLP	1.1	0.030000	Fine-grained sandstone with calcite inclusions
sb16-101-15aaa	13,830.0	13,831.0	321TSLP	2.5	0.040000	Fine-grained sandstone with calcite inclusions
sb16-101-15aaa	13,831.0	13,832.0	321TSLP	1.3	0.060000	Fine-grained sandstone with calcite inclusions
sb16-101-15aaa	13,832.0	13,833.0	321TSLP	1.5	0.050000	Fine-grained sandstone with calcite inclusions
sb16-101-15aaa	13,833.0	13,834.0	321TSLP	1.7	0.050000	Fine-grained sandstone with calcite inclusions
sb16-101-15aaa	13,834.0	13,835.0	321TSLP	2.4	0.030000	Fine-grained sandstone with calcite inclusions
sb16-101-15aaa	13,835.0	13,836.0	321TSLP	5.6	0.030000	Fine-grained sandstone with calcite inclusions
sb16-101-15aaa	13,836.0	13,837.0	321TSLP	2.2	0.040000	Fine-grained sandstone with calcite inclusions
sb16-101-15aaa	13,837.0	13,838.0	321TSLP	1.3	0.030000	Fine-grained sandstone with calcite inclusions
sb16-101-15aaa	13,838.0	13,839.0	321TSLP	1.8	0.060000	Fine-grained sandstone with calcite inclusions
sb16-101-15aaa	13,839.0	13,840.0	321TSLP	1.4	0.030000	Fine-grained sandstone with calcite inclusions
sb16-101-15aaa	13,840.0	13,841.0	321TSLP	2.2	0.040000	Fine-grained sandstone
sb16-101-15aaa	13,841.0	13,842.0	321TSLP	2.8	0.030000	Fine-grained sandstone
sb16-101-15aaa	13,842.0	13,843.0	321TSLP	2.0	0.030000	Fine-grained sandstone
sb16-101-15aaa	13,843.0	13,844.0	321TSLP	3.4	0.030000	Fine-grained sandstone
sb16-101-15aaa	13,844.0	13,845.0	321TSLP	3.9	0.020000	Fine-grained sandstone
sb16-101-15aaa	13,845.0	13,846.0	321TSLP	2.2	0.030000	Fine-grained sandstone
sb16-101-15aaa	13,846.0	13,847.0	321TSLP	1.8	0.020000	Fine-grained sandstone
sb16-101-15aaa	13,847.0	13,848.0	321TSLP	3.0	0.050000	Fine-grained sandstone with calcite inclusions
sb16-101-15aaa	13,848.0	13,849.0	321TSLP	2.2	0.050000	Fine-grained sandstone with calcite inclusions
sb16-101-15aaa	13,849.0	13,850.0	321TSLP	2.7	0.060000	Fine-grained sandstone with calcite inclusions
sb16-101-15aaa	13,850.0	13,851.0	321TSLP	4.2	0.040000	Fine-grained sandstone with calcite inclusions
sb16-101-15aaa	13,851.0	13,852.0	321TSLP	0.9	0.030000	Fine-grained, quartzitic sandstone with calcite
sb16-101-15aaa	13,852.0	13,853.0	321TSLP	1.4	0.030000	Fine-grained, quartzitic sandstone with calcite
sb16-101-15aaa	13,853.0	13,854.0	321TSLP	0.5	0.020000	Fine-grained, quartzitic sandstone with calcite
sb16-101-15aaa	13,854.0	13,855.0	321TSLP	0.7	0.030000	Fine-grained, quartzitic sandstone with calcite
sb16-101-15aaa	13,855.0	13,856.0	321TSLP	3.5	0.470000	Fine-grained sandstone with calcite inclusions

Table 4.--Laboratory-determined porosity and permeability--Continued

Site	Depth to top (feet)	Depth to bottom (feet)	Formation	Porosity (percent)	Permeability (millidarcies)	Lithology
sb16-101-15aaa	13,856.0	13,857.0	321TSLP	11.4	11.000000	Fine-grained sandstone with calcite inclusions
sb16-101-15aaa	13,857.0	13,858.0	321TSLP	8.1	0.100000	Fine-grained sandstone with calcite inclusions
sb16-101-15aaa	13,858.0	13,859.0	321TSLP	12.7	1.200000	Fine-grained sandstone with calcite inclusions
sb16-101-15aaa	13,859.0	13,860.0	321TSLP	12.2	15.000000	Fine-grained sandstone with calcite inclusions
sb16-101-15aaa	13,860.0	13,861.0	321TSLP	9.8	17.000000	Fine-grained sandstone with calcite inclusions
sb16-101-15aaa	13,861.0	13,862.0	321TSLP	10.7	14.000000	Fine-grained sandstone with calcite inclusions
sb16-101-15aaa	13,862.0	13,863.0	321TSLP	9.9	14.000000	Fine-grained sandstone with calcite inclusions
sb16-101-15aaa	13,863.0	13,864.0	321TSLP	8.0	3.700000	Fine-grained sandstone with calcite inclusions
sb16-101-15aaa	13,864.0	13,865.0	321TSLP	11.9	7.800000	Fine-grained sandstone with calcite inclusions
sb16-101-15aaa	13,865.0	13,866.0	321TSLP	9.8	0.410000	Fine-grained sandstone with calcite inclusions
sb16-101-15aaa	13,866.0	13,867.0	321TSLP	12.8	18.000000	Fine-grained sandstone with calcite inclusions
sb16-101-15aaa	13,867.0	13,868.0	321TSLP	14.1	40.000000	Fine-grained sandstone with calcite inclusions
sb16-101-15aaa	13,868.0	13,869.0	321TSLP	13.1	31.000000	Fine-grained sandstone with calcite inclusions
sb16-101-15aaa	13,869.0	13,870.0	321TSLP	13.9	28.000000	Fine-grained sandstone with calcite inclusions
sb16-101-15aaa	13,870.0	13,871.0	321TSLP	13.5	26.000000	Fine-grained sandstone with calcite inclusions
sb16-101-15aaa	13,871.0	13,872.0	321TSLP	14.5	69.000000	Fine-grained sandstone with calcite inclusions
sb16-101-15aaa	13,872.0	13,873.0	321TSLP	12.1	40.000000	Fine-grained sandstone with calcite inclusions
sb16-101-15aaa	13,873.0	13,874.0	321TSLP	11.8	21.000000	Fine-grained sandstone with calcite inclusions
sb16-101-15aaa	13,874.0	13,875.0	321TSLP	12.1	18.000000	Fine-grained sandstone with calcite inclusions
sb16-101-15aaa	13,875.0	13,876.0	321TSLP	12.7	15.000000	Fine-grained sandstone with calcite inclusions
sb16-101-15aaa	13,876.0	13,877.0	321TSLP	12.3	16.000000	Fine-grained sandstone with calcite inclusions
sb16-101-15aaa	13,877.0	13,878.0	321TSLP	13.2	51.000000	Fine-grained sandstone with calcite inclusions
sb16-101-15aaa	13,878.0	13,879.0	321TSLP	7.4	9.800000	Fine-grained sandstone with calcite inclusions
sb16-101-15aaa	13,879.0	13,880.0	321TSLP	12.7	76.000000	Fine-grained sandstone with calcite inclusions
sb16-101-15aaa	13,880.0	13,881.0	321TSLP	7.9	0.750000	Fine-grained, quartzitic sandstone
sb16-101-15aaa	13,881.0	13,882.0	321TSLP	9.9	1.200000	Fine-grained, quartzitic sandstone
sb16-101-15aaa	13,882.0	13,883.0	321TSLP	7.1	0.030000	Fine-grained, quartzitic sandstone
sb16-101-15aaa	13,883.0	13,884.0	321TSLP	1.8	0.200000	Fine-grained, quartzitic sandstone
sb16-101-15aaa	13,884.0	13,885.0	321TSLP	2.8	2.100000	Fine-grained, quartzitic sandstone
sb16-101-15aaa	13,885.0	13,886.0	321TSLP	2.7	0.030000	Fine-grained, quartzitic sandstone
sb16-101-15aaa	13,886.0	13,887.0	321TSLP	1.8	0.030000	Fine-grained, quartzitic sandstone
sb16-101-15aaa	13,887.0	13,887.5	321TSLP	1.3	0.020000	Fine-grained, quartzitic sandstone
sb16-101-15aaa	13,887.5	13,888.0	321TSLP	7.2	0.610000	Fine-grained, quartzitic sandstone
sb16-101-15aaa	13,888.0	13,889.0	321TSLP	15.0	32.000000	Fine-grained sandstone
sb16-101-15aaa	13,889.0	13,890.0	321TSLP	9.4	2.100000	Fine-grained sandstone
sb16-101-15aaa	13,890.0	13,891.0	321TSLP	8.5	0.610000	Fine-grained sandstone
sb16-101-15aaa	13,891.0	13,892.0	321TSLP	8.1	0.130000	Fine-grained sandstone
sb16-101-15aaa	13,892.0	13,893.0	321TSLP	7.7	0.460000	Fine-grained sandstone
sb16-101-15aaa	13,893.0	13,894.0	321TSLP	5.8	2.400000	Fine-grained sandstone
sb16-101-15aaa	13,894.0	13,895.0	321TSLP	5.7	0.750000	Fine-grained sandstone
sb16-101-15aaa	13,895.0	13,896.0	321TSLP	7.2	0.230000	Fine-grained sandstone
sb16-101-15aaa	13,896.0	13,897.0	321TSLP	6.2	0.060000	Fine-grained sandstone
sb16-101-15aaa	13,897.0	13,898.0	321TSLP	7.6	0.070000	Fine-grained sandstone
sb16-101-15aaa	13,898.0	13,899.0	321TSLP	5.2	0.040000	Fine-grained sandstone
sb16-101-15aaa	13,899.0	13,900.0	321TSLP	1.4	0.030000	Fine-grained sandstone
sb16-101-15aaa	13,900.0	13,901.0	321TSLP	4.7	0.030000	Fine-grained sandstone
sb16-101-15aaa	13,901.0	13,902.0	321TSLP	3.0	0.060000	Fine-grained sandstone
sb16-101-15aaa	13,902.0	13,903.0	321TSLP	3.4	0.030000	Fine-grained sandstone with calcite inclusions
sb16-101-15aaa	13,903.0	13,904.0	321TSLP	3.9	0.050000	Fine-grained sandstone with calcite inclusions
sb16-101-15aaa	13,904.0	13,905.0	321TSLP	3.5	0.030000	Fine-grained sandstone with calcite inclusions

Table 4.--Laboratory-determined porosity and permeability--Continued

Site	Depth to top (feet)	Depth to bottom (feet)	Formation	Porosity (percent)	Permeability (millidarcies)	Lithology
sb16-101-15aaa	13,905.0	13,906.0	321TSLP	5.6	0.040000	Fine-grained sandstone with calcite inclusions
sb16-101-15aaa	13,906.0	13,907.0	321TSLP	6.0	0.050000	Fine-grained sandstone with calcite inclusions
sb16-101-15aaa	13,907.0	13,908.0	321TSLP	5.9	0.040000	Fine-grained sandstone with calcite inclusions
sb16-101-15aaa	13,908.0	13,909.0	321TSLP	5.3	0.130000	Fine-grained sandstone with calcite inclusions
sb16-101-15aaa	13,909.0	13,910.0	321TSLP	5.1	0.060000	Fine-grained sandstone with calcite inclusions
sb16-101-15aaa	13,910.0	13,911.0	321TSLP	9.2	2.400000	Fine-grained sandstone with calcite inclusions
sb16-101-15aaa	13,911.0	13,912.0	321TSLP	9.8	19.000000	Fine-grained sandstone with calcite inclusions
sb16-101-15aaa	13,912.0	13,913.0	321TSLP	8.5	0.820000	Fine-grained sandstone with calcite inclusions
sb16-101-15aaa	13,913.0	13,914.0	321TSLP	9.4	7.900000	Fine-grained sandstone with calcite inclusions
sb16-101-15aaa	13,914.0	13,915.0	321TSLP	8.5	0.810000	Fine-grained sandstone with calcite inclusions
sb16-101-15aaa	13,915.0	13,916.0	321TSLP	8.0	1.600000	Fine-grained sandstone with calcite inclusions
sb16-101-15aaa	13,916.0	13,917.0	321TSLP	8.8	0.980000	Fine-grained sandstone with calcite inclusions
sb16-101-15aaa	13,917.0	13,918.0	321TSLP	4.7	0.080000	Fine-grained sandstone with calcite inclusions
sb16-101-15aaa	13,918.0	13,919.0	321TSLP	6.7	0.290000	Fine-grained sandstone with calcite inclusions
sb16-101-15aaa	13,919.0	13,120.0	321TSLP	7.9	0.940000	Fine-grained sandstone with calcite inclusions
sb16-101-15aaa	13,920.0	13,921.0	321TSLP	8.7	1.600000	Fine-grained sandstone with calcite inclusions
sb16-101-15aaa	13,921.0	13,922.0	321TSLP	8.6	1.500000	Fine-grained sandstone with calcite inclusions
sb16-101-15aaa	13,922.0	13,923.0	321TSLP	9.1	1.400000	Fine-grained sandstone with calcite inclusions
sb16-101-15aaa	13,923.0	13,924.0	321TSLP	9.6	4.200000	Fine-grained sandstone with calcite inclusions
sb16-101-15aaa	13,924.0	13,925.0	321TSLP	5.3	0.150000	Fine-grained sandstone with calcite inclusions
sb16-101-15aaa	13,925.0	13,926.0	321TSLP	9.9	3.600000	Fine-grained sandstone with calcite inclusions
sb16-101-15aaa	13,926.0	13,927.0	321TSLP	10.7	4.500000	Fine-grained sandstone with calcite inclusions
sb16-101-15aaa	13,927.0	13,928.0	321TSLP	11.2	6.200000	Fine-grained sandstone with calcite inclusions
sb16-101-15aaa	13,928.0	13,929.0	321TSLP	7.2	5.200000	Fine-grained sandstone with calcite inclusions
sb16-101-15aaa	13,929.0	13,930.0	321TSLP	9.6	6.000000	Fine-grained sandstone with calcite inclusions
sb16-101-15aaa	13,930.0	13,931.0	321TSLP	9.8	5.300000	Fine-grained sandstone with calcite inclusions
sb16-101-15aaa	13,931.0	13,932.0	321TSLP	5.9	3.400000	Fine-grained sandstone with calcite inclusions
sb16-101-15aaa	13,932.0	13,933.0	321TSLP	4.2	0.030000	Fine-grained sandstone with calcite inclusions
sb16-101-15aaa	13,933.0	13,934.0	321TSLP	2.3	0.030000	Fine-grained sandstone with calcite inclusions
sb16-101-15aaa	13,934.0	13,935.0	321TSLP	6.7	0.270000	Fine-grained sandstone
sb16-101-15aaa	13,935.0	13,936.0	321TSLP	1.5	0.010000	Fine-grained sandstone
sb16-101-15aaa	13,936.0	13,937.0	321TSLP	6.3	0.490000	Fine-grained sandstone
sb16-101-15aaa	13,937.0	13,938.0	321TSLP	6.5	0.280000	Fine-grained sandstone
sb16-101-15aaa	13,938.0	13,939.0	321TSLP	8.9	1.500000	Fine-grained sandstone
sb16-101-15aaa	13,939.0	13,940.0	321TSLP	7.3	1.200000	Fine-grained sandstone
sb16-101-15aaa	13,940.0	13,941.0	321TSLP	9.5	2.200000	Fine-grained sandstone
sb16-101-15aaa	13,941.0	13,942.0	321TSLP	3.7	0.020000	Fine-grained sandstone
sb16-101-15aaa	13,942.0	13,943.0	321TSLP	1.5	0.140000	Fine-grained sandstone
sb16-101-15aaa	13,947.0	13,948.0	321TSLP	1.8	0.030000	Fine-grained sandstone with calcite inclusions
sb16-101-15aaa	13,948.0	13,949.0	321TSLP	2.4	0.040000	Fine-grained sandstone with calcite inclusions
sb16-101-15aaa	13,949.0	13,950.0	321TSLP	2.9	0.030000	Fine-grained sandstone
sb16-101-15aaa	13,950.0	13,951.0	321TSLP	2.9	0.020000	Fine-grained sandstone
sb16-101-15aaa	13,951.0	13,952.0	321TSLP	1.9	0.020000	Fine-grained sandstone
sb16-101-15aaa	13,952.0	13,953.0	321TSLP	2.2	0.010000	Fine-grained sandstone
sb16-101-15aaa	13,953.0	13,954.0	321TSLP	1.9	0.010000	Fine-grained sandstone
sb16-101-15aaa	13,954.0	13,955.0	321TSLP	2.7	0.020000	Fine-grained sandstone
sb16-101-15aaa	13,955.0	13,956.0	321TSLP	6.5	17.000000	Fine-grained sandstone
sb16-101-15aaa	13,956.0	13,957.0	321TSLP	11.3	7.800000	Fine-grained sandstone
sb16-101-15aaa	13,957.0	13,958.0	321TSLP	10.1	17.000000	Fine-grained sandstone
sb16-101-15aaa	13,958.0	13,959.0	321TSLP	9.6	12.000000	Fine-grained sandstone

Table 4.--Laboratory-determined porosity and permeability--Continued

Site	Depth to top (feet)	Depth to bottom (feet)	Formation	Porosity (percent)	Permeability (millidarcies)	Lithology
sb16-101-15aaa	13,959.0	13,960.0	321TSLP	1.0	0.020000	Fine-grained sandstone
sb16-101-15aaa	13,960.0	13,961.0	321TSLP	8.1	0.030000	Fine-grained sandstone
sb16-101-15aaa	13,961.0	13,962.0	321TSLP	9.4	5.200000	Fine-grained sandstone
sb16-101-15aaa	13,962.0	13,963.0	321TSLP	7.7	0.030000	Fine-grained sandstone
sb16-101-15aaa	13,963.0	13,964.0	321TSLP	11.1	3.300000	Fine-grained sandstone
sb16-101-15aaa	13,964.0	13,965.0	321TSLP	10.3	5.600000	Fine-grained sandstone
sb16-101-15aaa	13,965.0	13,966.0	321TSLP	7.7	4.600000	Fine-grained sandstone
sb16-101-15aaa	13,966.0	13,967.0	321TSLP	11.6	12.000000	Fine-grained sandstone
sb16-101-15aaa	13,967.0	13,968.0	321TSLP	9.6	16.000000	Fine-grained sandstone
sb16-101-15aaa	13,968.0	13,969.0	321TSLP	6.0	0.070000	Fine-grained sandstone
sb16-101-15aaa	13,969.0	13,970.0	321TSLP	3.0	0.050000	Fine-grained sandstone
sb16-101-15aaa	13,970.0	13,971.0	321TSLP	2.6	0.020000	Fine-grained sandstone
sb16-101-15aaa	13,971.0	13,972.0	321TSLP	10.5	0.760000	Fine-grained sandstone
sb16-101-15aaa	13,972.0	13,973.0	321TSLP	10.6	2.200000	Fine-grained sandstone
sb16-101-15aaa	13,973.0	13,974.0	321TSLP	12.1	5.200000	Fine-grained sandstone
sb16-101-15aaa	13,974.0	13,975.0	321TSLP	7.3	3.700000	Fine-grained sandstone
sb16-101-15aaa	13,975.0	13,976.0	321TSLP	9.5	0.460000	Fine-grained sandstone
sb16-101-15aaa	13,976.0	13,977.0	321TSLP	9.2	0.730000	Fine-grained sandstone
sb16-101-15aaa	13,977.0	13,978.0	321TSLP	7.4	2.800000	Fine-grained sandstone
sb16-101-15aaa	13,983.0	13,984.0	321TSLP	7.2	0.280000	Fine-grained sandstone
sb16-101-15aaa	13,984.0	13,985.0	321TSLP	12.0	1.000000	Fine-grained sandstone
sb16-101-15aaa	13,985.0	13,986.0	321TSLP	13.8	11.000000	Very fractured, fine-grained sandstone
sb16-101-15aaa	13,986.0	13,987.0	321TSLP	13.2	8.500000	Very fractured, fine-grained sandstone
sb16-101-15aaa	13,987.0	13,988.0	321TSLP	12.7	3.000000	Very fractured, fine-grained sandstone
sb16-101-15aaa	13,988.0	13,989.0	321TSLP	13.4	1.600000	Very fractured, fine-grained sandstone
sb16-101-15aaa	13,989.0	13,990.0	321TSLP	9.7	4.000000	Very fractured, fine-grained sandstone
sb16-101-15aaa	13,990.0	13,991.0	321TSLP	9.8	2.400000	Very fractured, fine-grained sandstone
sb16-101-15aaa	13,991.0	13,992.0	321TSLP	10.2	1.100000	Fine-grained sandstone
AVERAGE--				6.5	4.899107	
SITE AVERAGE-----				5.7	4.098020	
sb17-100-04ccc	13,457.0	13,458.0	317PRKC	5.5	0.010000	Shaly, cherty, crystalline limestone
sb17-100-04ccc	13,458.0	13,459.0	317PRKC	7.1	0.010000	Shaly, cherty, crystalline limestone
sb17-100-04ccc	13,459.0	13,460.0	317PRKC	8.7	0.010000	Shaly, cherty, crystalline limestone
sb17-100-04ccc	13,460.0	13,461.0	317PRKC	1.9	0.010000	Shaly, cherty, crystalline limestone
sb17-100-04ccc	13,461.0	13,462.0	317PRKC	9.5	0.010000	Shaly, cherty, crystalline limestone
sb17-100-04ccc	13,462.0	13,463.0	317PRKC	7.0	0.010000	Shaly, cherty, crystalline limestone
sb17-100-04ccc	13,463.0	13,464.0	317PRKC	10.7	0.010000	Dolomite with calcite crystals
sb17-100-04ccc	13,464.0	13,465.0	317PRKC	9.5	0.010000	Dolomite with calcite crystals
sb17-100-04ccc	13,465.0	13,466.0	317PRKC	11.1	0.010000	Dolomite with calcite crystals
sb17-100-04ccc	13,466.0	13,467.0	317PRKC	5.7	0.010000	Dolomite with calcite crystals
sb17-100-04ccc	13,467.0	13,468.0	317PRKC	10.9	0.250000	Dolomite with calcite crystals
sb17-100-04ccc	13,468.0	13,469.0	317PRKC	7.3	0.010000	Dolomite with calcite crystals
sb17-100-04ccc	13,469.0	13,470.0	317PRKC	9.3	0.010000	Dolomite with calcite crystals
sb17-100-04ccc	13,470.0	13,471.0	317PRKC	8.6	0.020000	Dolomite with calcite crystals
sb17-100-04ccc	13,471.0	13,472.0	317PRKC	9.5	0.010000	Dolomite with calcite crystals
sb17-100-04ccc	13,472.0	13,473.0	317PRKC	0.9	0.020000	Dolomite with calcite crystals
sb17-100-04ccc	13,473.0	13,474.0	317PRKC	1.0	0.010000	Dolomite with calcite-filled vugs
sb17-100-04ccc	13,474.0	13,475.0	317PRKC	1.1	0.010000	Dolomite with calcite-filled vugs
sb17-100-04ccc	13,475.0	13,476.0	317PRKC	0.8	0.010000	Dolomite with calcite-filled vugs
sb17-100-04ccc	13,476.0	13,477.0	317PRKC	0.7	0.010000	Dolomite with calcite-filled vugs

Table 4.--Laboratory-determined porosity and permeability--Continued

Site	Depth to top (feet)	Depth to bottom (feet)	Formation	Porosity (percent)	Permeability (millidarcies)	Lithology
sb17-100-04ccc	13,477.0	13,478.0	317PRKC	1.0	0.010000	Dolomite with calcite-filled vugs
sb17-100-04ccc	13,478.0	13,479.0	317PRKC	1.4	0.010000	Dolomite with calcite-filled vugs
sb17-100-04ccc	13,479.0	13,480.0	317PRKC	1.3	0.010000	Dolomite with calcite-filled vugs
sb17-100-04ccc	13,480.0	13,481.0	317PRKC	9.3	0.310000	Dolomite with calcite-filled vugs
sb17-100-04ccc	13,481.0	13,482.0	317PRKC	2.1	0.040000	Dolomite with calcite-filled vugs
sb17-100-04ccc	13,482.0	13,483.0	317PRKC	2.0	0.060000	Dolomite with calcite-filled vugs
sb17-100-04ccc	13,483.0	13,484.0	317PRKC	11.7	0.190000	Dolomite with calcite-filled vugs
sb17-100-04ccc	13,484.0	13,485.0	317PRKC	5.0	9.200000	Dolomite with calcite-filled vugs
sb17-100-04ccc	13,485.0	13,486.0	317PRKC	12.8	0.050000	Dolomite with calcite-filled vugs
sb17-100-04ccc	13,486.0	13,487.0	317PRKC	9.7	0.200000	Dolomite with calcite-filled vugs
sb17-100-04ccc	13,487.0	13,488.0	317PRKC	7.0	0.070000	Dolomite with calcite-filled vugs
sb17-100-04ccc	13,488.0	13,489.0	317PRKC	5.9	0.010000	Dolomite with calcite, chert, and phosphate nodules
sb17-100-04ccc	13,489.0	13,490.0	317PRKC	2.8	0.010000	Dolomite with calcite, chert, and phosphate nodules
sb17-100-04ccc	13,490.0	13,491.0	317PRKC	3.8	0.020000	Dolomite with calcite, chert, and phosphate nodules
sb17-100-04ccc	13,491.0	13,492.0	317PRKC	3.6	0.010000	Dolomite with calcite, chert, and phosphate nodules
sb17-100-04ccc	13,492.0	13,493.0	317PRKC	3.7	0.010000	Dolomite with calcite, chert, and phosphate nodules
sb17-100-04ccc	13,493.0	13,494.0	317PRKC	5.5	0.160000	Dolomite with calcite, chert, and phosphate nodules
sb17-100-04ccc	13,494.0	13,495.0	317PRKC	4.7	0.010000	Dolomite with calcite, chert, and phosphate nodules
sb17-100-04ccc	13,495.0	13,496.0	317PRKC	10.5	0.030000	Dolomite with calcite, chert, and phosphate nodules
sb17-100-04ccc	13,496.0	13,497.0	317PRKC	6.0	0.040000	Dolomite with calcite, chert, and phosphate nodules
sb17-100-04ccc	13,497.0	13,498.0	317PRKC	7.4	4.400000	Dolomite with calcite crystals
sb17-100-04ccc	13,498.0	13,499.0	317PRKC	9.4	0.010000	Dolomite with calcite crystals
sb17-100-04ccc	13,499.0	13,500.0	317PRKC	2.8	0.010000	Dolomite with calcite crystals
sb17-100-04ccc	13,500.0	13,501.0	317PRKC	8.8	0.190000	Dolomite with calcite crystals
sb17-100-04ccc	13,501.0	13,502.0	317PRKC	3.9	3.100000	Dolomite with calcite crystals
sb17-100-04ccc	13,502.0	13,503.0	317PRKC	0.0	3.100000	Dolomite with calcite crystals
sb17-100-04ccc	13,503.0	13,504.0	317PRKC	2.3	0.010000	Dolomite with calcite crystals
sb17-100-04ccc	13,504.0	13,505.0	317PRKC	4.5	0.010000	Dolomite with calcite-filled vugs
sb17-100-04ccc	13,505.0	13,506.0	317PRKC	10.2	0.320000	Dolomite with calcite-filled vugs
sb17-100-04ccc	13,506.0	13,507.0	317PRKC	12.0	0.890000	Dolomite with calcite-filled vugs
sb17-100-04ccc	13,507.0	13,508.0	317PRKC	10.8	0.890000	Dolomite with calcite-filled vugs
sb17-100-04ccc	13,508.0	13,509.0	317PRKC	5.5	2.900000	Dolomite with calcite-filled vugs
sb17-100-04ccc	13,509.0	13,510.0	317PRKC	3.9	0.090000	Dolomite with calcite-filled vugs
sb17-100-04ccc	13,510.0	13,511.0	317PRKC	2.2	0.010000	Dolomite with calcite-filled vugs
sb17-100-04ccc	13,511.0	13,512.0	317PRKC	0.9	0.010000	Dolomite with calcite-filled vugs
sb17-100-04ccc	13,512.0	13,513.0	317PRKC	1.3	0.060000	Finely crystalline dolomite
sb17-100-04ccc	13,513.0	13,514.0	317PRKC	1.0	0.040000	Finely crystalline dolomite
sb17-100-04ccc	13,514.0	13,515.0	317PRKC	0.3	0.060000	Finely crystalline dolomite
sb17-100-04ccc	13,515.0	13,516.0	317PRKC	1.2	0.420000	Finely crystalline dolomite
sb17-100-04ccc	13,516.0	13,517.0	317PRKC	0.8	0.120000	Finely crystalline dolomite
sb17-100-04ccc	13,517.0	13,518.0	317PRKC	2.4	0.030000	Finely crystalline dolomite
sb17-100-04ccc	13,518.0	13,519.0	317PRKC	2.0	0.020000	Finely crystalline dolomite with phosphate nodules
sb17-100-04ccc	13,519.0	13,520.0	317PRKC	1.9	0.020000	Finely crystalline dolomite with phosphate nodules
sb17-100-04ccc	13,520.0	13,521.0	317PRKC	3.8	0.030000	Finely crystalline dolomite with phosphate nodules
sb17-100-04ccc	13,521.0	13,522.0	317PRKC	3.0	0.030000	Finely crystalline dolomite with phosphate nodules
sb17-100-04ccc	13,522.0	13,523.0	317PRKC	1.9	0.030000	Fossiliferous, finely crystalline dolomite
sb17-100-04ccc	13,523.0	13,524.0	317PRKC	1.1	0.030000	Fossiliferous, finely crystalline dolomite
sb17-100-04ccc	13,524.0	13,525.0	317PRKC	2.0	0.030000	Fossiliferous, finely crystalline dolomite
sb17-100-04ccc	13,525.0	13,526.0	317PRKC	1.3	0.020000	Fossiliferous, finely crystalline dolomite
sb17-100-04ccc	13,526.0	13,527.0	317PRKC	0.7	0.010000	Fossiliferous, finely crystalline dolomite

Table 4.--Laboratory-determined porosity and permeability--Continued

Site	Depth to top (feet)	Depth to bottom (feet)	Formation	Porosity (percent)	Permeability (millidarcies)	Lithology
sb17-100-04ccc	13,527.0	13,528.0	317PRKC	2.0	0.020000	Fossiliferous, finely crystalline dolomite
sb17-100-04ccc	13,528.0	13,529.0	317PRKC	0.7	0.020000	Fossiliferous, finely crystalline dolomite
sb17-100-04ccc	13,529.0	13,530.0	317PRKC	1.7	0.030000	Fossiliferous, finely crystalline dolomite
sb17-100-04ccc	13,530.0	13,531.0	317PRKC	1.4	0.010000	Fossiliferous, finely crystalline dolomite
sb17-100-04ccc	13,531.0	13,532.0	317PRKC	1.8	0.010000	Fossiliferous, finely crystalline dolomite
sb17-100-04ccc	13,532.0	13,533.0	317PRKC	2.2	0.020000	Fossiliferous, finely crystalline dolomite
sb17-100-04ccc	13,533.0	13,534.0	317PRKC	2.1	0.030000	Fossiliferous, finely crystalline dolomite
sb17-100-04ccc	13,534.0	13,534.6	317PRKC	1.9	0.020000	Fossiliferous, finely crystalline dolomite
sb17-100-04ccc	13,534.6	13,535.0	317PRKC	1.0	0.170000	Finely crystalline dolomite
sb17-100-04ccc	13,535.0	13,536.0	317PRKC	1.1	4.800000	Finely crystalline dolomite
sb17-100-04ccc	13,536.0	13,537.0	317PRKC	0.5	0.130000	Finely crystalline dolomite
sb17-100-04ccc	13,537.0	13,538.0	317PRKC	1.0	0.180000	Finely crystalline dolomite
sb17-100-04ccc	13,538.0	13,539.0	317PRKC	0.6	0.400000	Finely crystalline dolomite
sb17-100-04ccc	13,539.0	13,540.0	317PRKC	1.1	0.420000	Finely crystalline dolomite
sb17-100-04ccc	13,540.0	13,541.0	317PRKC	0.8	1.100000	Finely crystalline dolomite
sb17-100-04ccc	13,541.0	13,542.0	317PRKC	1.0	0.010000	Finely crystalline dolomite
sb17-100-04ccc	13,542.0	13,543.0	317PRKC	0.9	0.010000	Finely crystalline dolomite
sb17-100-04ccc	13,543.0	13,544.0	317PRKC	0.6	0.310000	Finely crystalline dolomite
sb17-100-04ccc	13,544.0	13,545.0	317PRKC	1.0	0.180000	Finely crystalline dolomite
sb17-100-04ccc	13,545.0	13,546.0	317PRKC	1.0	0.250000	Finely crystalline dolomite
sb17-100-04ccc	13,546.0	13,547.0	317PRKC	1.0	0.190000	Finely crystalline dolomite
sb17-100-04ccc	13,547.0	13,548.0	317PRKC	1.2	0.090000	Finely crystalline dolomite
sb17-100-04ccc	13,548.0	13,549.0	317PRKC	1.1	0.230000	Finely crystalline dolomite
sb17-100-04ccc	13,549.0	13,550.0	317PRKC	1.5	0.690000	Finely crystalline dolomite
sb17-100-04ccc	13,550.0	13,551.0	317PRKC	1.8	0.200000	Finely crystalline dolomite
sb17-100-04ccc	13,551.0	13,552.0	317PRKC	0.6	0.090000	Finely crystalline dolomite
sb17-100-04ccc	13,552.0	13,553.0	317PRKC	1.2	0.160000	Finely crystalline dolomite
sb17-100-04ccc	13,553.0	13,554.0	317PRKC	1.3	0.010000	Finely crystalline dolomite
sb17-100-04ccc	13,554.0	13,555.0	317PRKC	1.4	0.190000	Finely crystalline dolomite
sb17-100-04ccc	13,555.0	13,556.0	317PRKC	1.1	0.180000	Finely crystalline dolomite
sb17-100-04ccc	13,556.0	13,557.0	317PRKC	1.4	0.430000	Finely crystalline dolomite
sb17-100-04ccc	13,557.0	13,558.0	317PRKC	1.3	0.160000	Finely crystalline dolomite
sb17-100-04ccc	13,558.0	13,559.0	317PRKC	1.0	0.150000	Finely crystalline dolomite
sb17-100-04ccc	13,559.0	13,560.0	317PRKC	1.4	0.010000	Finely crystalline dolomite
sb17-100-04ccc	13,560.0	13,561.0	317PRKC	1.4	0.010000	Finely crystalline dolomite
sb17-100-04ccc	13,561.0	13,562.0	317PRKC	1.5	0.100000	Finely crystalline dolomite
sb17-100-04ccc	13,562.0	13,563.0	317PRKC	1.5	0.010000	Finely crystalline dolomite
sb17-100-04ccc	13,563.0	13,564.0	317PRKC	1.9	0.010000	Finely crystalline dolomite
sb17-100-04ccc	13,564.0	13,565.0	317PRKC	0.9	0.190000	Finely crystalline dolomite
sb17-100-04ccc	13,565.0	13,566.0	317PRKC	0.5	0.010000	Finely crystalline dolomite
sb17-100-04ccc	13,566.0	13,567.0	317PRKC	0.3	0.200000	Finely crystalline dolomite
sb17-100-04ccc	13,567.0	13,568.0	317PRKC	0.6	0.350000	Finely crystalline dolomite
sb17-100-04ccc	13,568.0	13,569.0	317PRKC	1.3	0.030000	Finely crystalline dolomite
sb17-100-04ccc	13,569.0	13,570.0	317PRKC	1.2	0.010000	Finely crystalline dolomite
sb17-100-04ccc	13,570.0	13,571.0	317PRKC	1.7	0.010000	Finely crystalline dolomite
sb17-100-04ccc	13,571.0	13,572.0	317PRKC	0.6	1.800000	Finely crystalline dolomite
sb17-100-04ccc	13,572.0	13,573.0	317PRKC	1.4	0.260000	Finely crystalline dolomite
sb17-100-04ccc	13,573.0	13,574.0	317PRKC	1.9	0.030000	Finely crystalline dolomite
sb17-100-04ccc	13,574.0	13,575.0	317PRKC	1.2	0.010000	Finely crystalline dolomite
sb17-100-04ccc	13,575.0	13,576.0	317PRKC	2.0	0.010000	Finely crystalline dolomite

Table 4.--Laboratory-determined porosity and permeability--Continued

Site	Depth to top (feet)	Depth to bottom (feet)	Formation	Porosity (percent)	Permeability (millidarcies)	Lithology
sb17-100-04ccc	13,576.0	13,577.0	317PRKC	1.0	0.120000	Finely crystalline dolomite
sb17-100-04ccc	13,577.0	13,578.0	317PRKC	0.7	0.150000	Finely crystalline dolomite
sb17-100-04ccc	13,578.0	13,579.0	317PRKC	0.8	0.380000	Finely crystalline dolomite
sb17-100-04ccc	13,579.0	13,580.0	317PRKC	1.7	0.280000	Finely crystalline dolomite
sb17-100-04ccc	13,580.0	13,581.0	317PRKC	1.8	0.010000	Finely crystalline dolomite
sb17-100-04ccc	13,581.0	13,582.0	317PRKC	0.5	3.800000	Finely crystalline dolomite
sb17-100-04ccc	13,582.0	13,583.0	317PRKC	0.7	0.440000	Finely crystalline dolomite
sb17-100-04ccc	13,583.0	13,584.0	317PRKC	1.0	0.220000	Finely crystalline dolomite
sb17-100-04ccc	13,584.0	13,585.0	317PRKC	0.5	0.010000	Finely crystalline dolomite
sb17-100-04ccc	13,585.0	13,586.0	317PRKC	0.4	11.000000	Finely crystalline dolomite
sb17-100-04ccc	13,586.0	13,587.0	317PRKC	0.4	0.390000	Anhydrite
sb17-100-04ccc	13,587.0	13,588.0	317PRKC	0.4	0.010000	Anhydrite
sb17-100-04ccc	13,588.0	13,589.0	317PRKC	0.4	0.170000	Finely crystalline dolomite
sb17-100-04ccc	13,589.0	13,590.0	317PRKC	0.6	0.140000	Finely crystalline dolomite
sb17-100-04ccc	13,590.0	13,591.0	317PRKC	0.4	0.330000	Finely crystalline dolomite
sb17-100-04ccc	13,591.0	13,592.0	317PRKC	0.3	0.030000	Finely crystalline dolomite
sb17-100-04ccc	13,592.0	13,593.0	317PRKC	0.3	0.690000	Finely crystalline dolomite
sb17-100-04ccc	13,593.0	13,594.0	317PRKC	0.7	0.090000	Finely crystalline dolomite
sb17-100-04ccc	13,594.0	13,595.0	317PRKC	0.8	0.020000	Finely crystalline dolomite
sb17-100-04ccc	13,595.0	13,596.0	317PRKC	0.6	0.020000	Finely crystalline dolomite
sb17-100-04ccc	13,596.0	13,597.0	317PRKC	1.0	0.270000	Finely crystalline dolomite
sb17-100-04ccc	13,597.0	13,598.0	317PRKC	0.7	0.090000	Finely crystalline dolomite
sb17-100-04ccc	13,598.0	13,599.0	317PRKC	1.0	0.310000	Finely crystalline dolomite
sb17-100-04ccc	13,599.0	13,600.0	317PRKC	0.7	0.260000	Finely crystalline dolomite
sb17-100-04ccc	13,600.0	13,601.0	317PRKC	0.6	12.000000	Finely crystalline dolomite
sb17-100-04ccc	13,601.0	13,602.0	317PRKC	0.7	0.080000	Finely crystalline dolomite
sb17-100-04ccc	13,602.0	13,603.0	317PRKC	0.9	0.020000	Finely crystalline dolomite
sb17-100-04ccc	13,603.0	13,604.0	317PRKC	0.2	0.120000	Finely crystalline dolomite with phosphate nodules
sb17-100-04ccc	13,604.0	13,605.0	317PRKC	0.4	0.010000	Finely crystalline dolomite with phosphate nodules
sb17-100-04ccc	13,605.0	13,606.0	317PRKC	0.3	0.020000	Finely crystalline dolomite with phosphate nodules
sb17-100-04ccc	13,606.0	13,607.0	317PRKC	0.3	0.370000	Finely crystalline dolomite with calcite crystals
sb17-100-04ccc	13,607.0	13,608.0	317PRKC	1.5	0.050000	Finely crystalline dolomite with calcite crystals
sb17-100-04ccc	13,608.0	13,609.0	317PRKC	2.0	0.050000	Finely crystalline dolomite with calcite crystals
sb17-100-04ccc	13,609.0	13,610.0	317PRKC	1.1	0.050000	Finely crystalline dolomite with phosphate nodules
sb17-100-04ccc	13,610.0	13,611.0	317PRKC	1.8	0.480000	Finely crystalline dolomite with phosphate nodules
sb17-100-04ccc	13,611.0	13,612.0	317PRKC	0.5	0.030000	Finely crystalline dolomite with phosphate nodules
sb17-100-04ccc	13,612.0	13,613.0	317PRKC	6.6	46.000000	Finely crystalline dolomite with phosphate nodules
sb17-100-04ccc	13,613.0	13,614.0	317PRKC	6.0	0.670000	Finely crystalline dolomite with phosphate nodules
sb17-100-04ccc	13,614.0	13,615.0	317PRKC	0.7	0.010000	Finely crystalline dolomite with phosphate nodules
sb17-100-04ccc	13,615.0	13,616.0	317PRKC	1.7	0.240000	Finely crystalline dolomite with phosphate nodules
sb17-100-04ccc	13,616.0	13,617.0	317PRKC	5.6	0.050000	Finely crystalline dolomite
sb17-100-04ccc	13,617.0	13,618.0	317PRKC	1.1	0.330000	Finely crystalline dolomite
sb17-100-04ccc	13,618.0	13,619.0	317PRKC	3.2	0.050000	Finely crystalline dolomite
sb17-100-04ccc	13,619.0	13,620.0	317PRKC	1.3	0.140000	Finely crystalline dolomite
sb17-100-04ccc	13,620.0	13,621.0	317PRKC	1.1	0.080000	Dolomite with calcite crystals
sb17-100-04ccc	13,621.0	13,622.0	317PRKC	0.6	0.880000	Dolomite with calcite crystals
sb17-100-04ccc	13,622.0	13,623.0	317PRKC	1.5	0.920000	Dolomite with calcite crystals
sb17-100-04ccc	13,623.0	13,624.0	317PRKC	0.9	0.040000	Coarsely crystalline dolomite with phosphate nodules
sb17-100-04ccc	13,624.0	13,625.0	317PRKC	1.0	0.010000	Coarsely crystalline dolomite with phosphate nodules
sb17-100-04ccc	13,625.0	13,626.0	317PRKC	0.7	0.420000	Coarsely crystalline dolomite with phosphate nodules



Table 4.--Laboratory-determined porosity and permeability--Continued

Site	Depth to top (feet)	Depth to bottom (feet)	Formation	Porosity (percent)	Permeability (millidarcies)	Lithology
sb17-100-04ccc	13,626.0	13,627.0	317PRKC	0.7	0.400000	Coarsely crystalline dolomite with phosphate nodules
sb17-100-04ccc	13,627.0	13,628.0	317PRKC	0.5	0.330000	Coarsely crystalline dolomite with phosphate nodules
sb17-100-04ccc	13,628.0	13,629.0	317PRKC	0.6	0.030000	Coarsely crystalline dolomite with phosphate nodules
sb17-100-04ccc	13,629.0	13,630.0	317PRKC	0.5	0.010000	Coarsely crystalline dolomite with phosphate nodules
sb17-100-04ccc	13,630.0	13,631.0	317PRKC	0.4	0.010000	Coarsely crystalline dolomite with phosphate nodules
sb17-100-04ccc	13,631.0	13,632.0	317PRKC	0.2	0.010000	Coarsely crystalline dolomite with phosphate nodules
sb17-100-04ccc	13,632.0	13,633.0	317PRKC	3.2	0.180000	Coarsely crystalline dolomite with phosphate nodules
sb17-100-04ccc	13,633.0	13,634.0	317PRKC	0.3	0.020000	Coarsely crystalline dolomite with phosphate nodules
sb17-100-04ccc	13,634.0	13,635.0	317PRKC	0.9	0.610000	Coarsely crystalline dolomite with phosphate nodules
sb17-100-04ccc	13,635.0	13,636.0	317PRKC	0.4	0.500000	Finely crystalline dolomite
sb17-100-04ccc	13,636.0	13,637.0	317PRKC	1.2	0.020000	Finely crystalline dolomite
sb17-100-04ccc	13,637.0	13,638.0	317PRKC	0.4	0.010000	Finely crystalline dolomite
sb17-100-04ccc	13,638.0	13,639.0	317PRKC	1.5	3.400000	Finely crystalline dolomite
sb17-100-04ccc	13,639.0	13,640.0	317PRKC	1.4	0.030000	Finely crystalline dolomite
sb17-100-04ccc	13,640.0	13,641.0	317PRKC	0.4	0.320000	Finely crystalline dolomite
sb17-100-04ccc	13,641.0	13,642.0	317PRKC	0.4	0.560000	Finely crystalline dolomite
sb17-100-04ccc	13,642.0	13,643.0	317PRKC	0.5	0.010000	Finely crystalline dolomite with phosphate nodules
sb17-100-04ccc	13,643.0	13,644.0	317PRKC	1.0	0.480000	Finely crystalline dolomite with phosphate nodules
sb17-100-04ccc	13,644.0	13,645.0	317PRKC	2.3	0.030000	Finely crystalline dolomite with phosphate nodules
sb17-100-04ccc	13,645.0	13,646.0	317PRKC	2.4	0.010000	Finely crystalline dolomite with phosphate nodules
sb17-100-04ccc	13,646.0	13,647.0	317PRKC	0.2	1.600000	Finely crystalline dolomite with phosphate nodules
sb17-100-04ccc	13,647.0	13,648.0	317PRKC	0.6	0.010000	Finely crystalline dolomite with phosphate nodules
sb17-100-04ccc	13,648.0	13,649.0	317PRKC	1.8	0.010000	Finely crystalline dolomite with phosphate nodules
			AVERAGE--	2.5	0.687461	
sb17-100-04ccc	13,683.0	13,684.0	321TSLP	3.7	0.030000	Fine-grained sandstone
sb17-100-04ccc	13,684.0	13,685.0	321TSLP	9.1	0.090000	Fine-grained sandstone
sb17-100-04ccc	13,685.0	13,686.0	321TSLP	8.5	1.800000	Fine-grained sandstone
sb17-100-04ccc	13,686.0	13,687.0	321TSLP	6.8	0.120000	Fine-grained sandstone
sb17-100-04ccc	13,687.0	13,688.0	321TSLP	4.5	0.330000	Fine-grained, quartzitic sandstone
sb17-100-04ccc	13,688.0	13,689.0	321TSLP	12.1	8.900000	Fine-grained, quartzitic sandstone
sb17-100-04ccc	13,689.0	13,690.0	321TSLP	12.5	26.000000	Fine-grained, quartzitic sandstone
sb17-100-04ccc	13,690.0	13,691.0	321TSLP	13.6	38.000000	Fine-grained, quartzitic sandstone
sb17-100-04ccc	13,691.0	13,692.0	321TSLP	11.8	10.000000	Fine-grained, quartzitic sandstone
sb17-100-04ccc	13,692.0	13,693.0	321TSLP	12.8	74.000000	Fine-grained, quartzitic sandstone
sb17-100-04ccc	13,693.0	13,694.0	321TSLP	12.5	53.000000	Fine-grained, quartzitic sandstone
sb17-100-04ccc	13,694.0	13,695.0	321TSLP	12.3	30.000000	Fine-grained, quartzitic sandstone
sb17-100-04ccc	13,695.0	13,696.0	321TSLP	12.8	15.000000	Fine-grained, quartzitic sandstone
sb17-100-04ccc	13,696.0	13,697.0	321TSLP	7.0	6.900000	Fine-grained, quartzitic sandstone
sb17-100-04ccc	13,697.0	13,698.0	321TSLP	10.8	2.500000	Fine-grained sandstone
sb17-100-04ccc	13,698.0	13,699.0	321TSLP	6.7	1.000000	Fine-grained sandstone
sb17-100-04ccc	13,699.0	13,700.0	321TSLP	3.4	0.030000	Fine-grained sandstone
sb17-100-04ccc	13,700.0	13,701.0	321TSLP	7.3	2.800000	Fine-grained sandstone
sb17-100-04ccc	13,701.0	13,702.0	321TSLP	11.9	19.000000	Fine-grained sandstone
sb17-100-04ccc	13,702.0	13,703.0	321TSLP	7.1	0.130000	Fine-grained sandstone
sb17-100-04ccc	13,703.0	13,704.0	321TSLP	4.4	31.000000	Fine-grained sandstone
sb17-100-04ccc	13,704.0	13,705.0	321TSLP	5.8	0.350000	Fine-grained sandstone
sb17-100-04ccc	13,705.0	13,706.0	321TSLP	3.5	0.110000	Fine-to medium-grained, limy sandstone
sb17-100-04ccc	13,706.0	13,707.0	321TSLP	2.9	0.090000	Fine-to medium-grained, limy sandstone
sb17-100-04ccc	13,707.0	13,708.0	321TSLP	2.6	0.200000	Fine-to medium-grained, limy sandstone

Table 4.--Laboratory-determined porosity and permeability--Continued

Site	Depth to top (feet)	Depth to bottom (feet)	Formation	Porosity (percent)	Permeability (millidarcies)	Lithology
sb17-100-04ccc	13,708.0	13,709.0	321TSLP	6.9	1.400000	Fine- to medium-grained, limy sandstone
sb17-100-04ccc	13,709.0	13,710.0	321TSLP	7.9	5.700000	Fine- to medium-grained, limy sandstone
sb17-100-04ccc	13,710.0	13,711.0	321TSLP	7.2	0.300000	Fine- to medium-grained, limy sandstone
sb17-100-04ccc	13,711.0	13,712.0	321TSLP	3.7	0.060000	Fine- to medium-grained, limy sandstone
sb17-100-04ccc	13,712.0	13,713.0	321TSLP	2.5	0.060000	Fine- to medium-grained, limy sandstone
sb17-100-04ccc	13,713.0	13,714.0	321TSLP	2.2	0.050000	Fine- to medium-grained, limy sandstone
sb17-100-04ccc	13,714.0	13,715.0	321TSLP	7.5	0.520000	Fine- to medium-grained, limy sandstone
sb17-100-04ccc	13,715.0	13,716.0	321TSLP	11.8	0.240000	Fine- to medium-grained, limy sandstone
sb17-100-04ccc	13,716.0	13,717.0	321TSLP	8.8	0.680000	Fine-grained, limy and quartzitic sandstone
sb17-100-04ccc	13,717.0	13,718.0	321TSLP	8.8	0.300000	Fine-grained, limy and quartzitic sandstone
sb17-100-04ccc	13,718.0	13,719.0	321TSLP	10.3	0.770000	Fine-grained, limy and quartzitic sandstone
sb17-100-04ccc	13,719.0	13,720.0	321TSLP	10.3	0.270000	Fine-grained, limy and quartzitic sandstone
sb17-100-04ccc	13,720.0	13,721.0	321TSLP	6.8	0.390000	Fine-grained, limy and quartzitic sandstone
sb17-100-04ccc	13,721.0	13,722.0	321TSLP	8.9	0.100000	Fine-grained, limy and quartzitic sandstone
sb17-100-04ccc	13,722.0	13,723.0	321TSLP	8.7	21.000000	Fine-grained, limy and quartzitic sandstone
sb17-100-04ccc	13,723.0	13,724.0	321TSLP	7.5	0.330000	Fine-grained, limy and quartzitic sandstone
sb17-100-04ccc	13,724.0	13,725.0	321TSLP	7.7	3.100000	Fine-grained, limy sandstone
sb17-100-04ccc	13,725.0	13,726.0	321TSLP	7.3	3.800000	Fine-grained, limy sandstone
sb17-100-04ccc	13,726.0	13,727.0	321TSLP	6.4	1.100000	Fine-grained, limy sandstone
sb17-100-04ccc	13,727.0	13,728.0	321TSLP	8.1	14.000000	Fine-grained sandstone
sb17-100-04ccc	13,728.0	13,729.0	321TSLP	9.2	0.500000	Fine-grained sandstone
sb17-100-04ccc	13,729.0	13,730.0	321TSLP	8.8	0.680000	Fine-grained sandstone
sb17-100-04ccc	13,730.0	13,731.0	321TSLP	9.3	4.300000	Fine-grained sandstone
sb17-100-04ccc	13,731.0	13,732.0	321TSLP	10.4	0.620000	Fine-grained sandstone
sb17-100-04ccc	13,732.0	13,733.0	321TSLP	10.3	3.800000	Fine-grained sandstone
sb17-100-04ccc	13,733.0	13,734.0	321TSLP	10.9	5.400000	Fine-grained sandstone
sb17-100-04ccc	13,734.0	13,735.0	321TSLP	10.8	5.700000	Fine-grained sandstone
sb17-100-04ccc	13,735.0	13,736.0	321TSLP	9.4	5.700000	Fine-grained sandstone
sb17-100-04ccc	13,736.0	13,737.0	321TSLP	10.0	4.700000	Fine-grained sandstone
sb17-100-04ccc	13,737.0	13,738.0	321TSLP	9.3	4.100000	Fine-grained sandstone
sb17-100-04ccc	13,738.0	13,739.0	321TSLP	8.1	3.100000	Fine-grained sandstone
sb17-100-04ccc	13,739.0	13,740.0	321TSLP	9.3	0.920000	Fine-grained sandstone
			AVERAGE--	8.3	7.281930	
SITE AVERAGE-----				3.8	2.191000	
sb18-98-28bca	17,626.0	17,627.0	321TSLP	0.4	0.010000	Fine- to medium-grained, quartzitic sandstone
sb18-98-28bca	17,627.0	17,628.0	321TSLP	0.3	0.010000	Fine- to medium-grained, quartzitic sandstone
sb18-98-28bca	17,628.0	17,629.0	321TSLP	0.4	0.010000	Fine- to medium-grained, quartzitic sandstone
sb18-98-28bca	17,629.0	17,630.0	321TSLP	0.4	0.010000	Fine- to medium-grained, quartzitic sandstone
sb18-98-28bca	17,630.0	17,631.0	321TSLP	0.5	0.010000	Fine- to medium-grained, quartzitic sandstone
sb18-98-28bca	17,631.0	17,632.0	321TSLP	0.8	0.010000	Fine- to medium-grained, quartzitic sandstone
sb18-98-28bca	17,632.0	17,633.0	321TSLP	0.7	0.010000	Fine-grained, quartzitic sandstone
sb18-98-28bca	17,633.0	17,634.0	321TSLP	0.9	0.010000	Fine-grained, quartzitic sandstone
sb18-98-28bca	17,634.0	17,635.0	321TSLP	0.3	0.010000	Fine-grained, quartzitic sandstone
sb18-98-28bca	17,635.0	17,636.0	321TSLP	0.7	0.010000	Fine-grained, quartzitic sandstone
sb18-98-28bca	17,636.0	17,637.0	321TSLP	0.4	0.010000	Fine- to medium-grained, quartzitic sandstone
sb18-98-28bca	17,637.0	17,638.0	321TSLP	0.7	0.010000	Fine- to medium-grained, quartzitic sandstone
sb18-98-28bca	17,638.0	17,639.0	321TSLP	0.5	0.010000	Fine- to medium-grained, quartzitic sandstone
sb18-98-28bca	17,639.0	17,640.0	321TSLP	0.4	0.010000	Fine- to medium-grained, quartzitic sandstone
sb18-98-28bca	17,641.0	17,642.0	321TSLP	0.6	0.020000	Fine-grained, quartzitic sandstone

Table 4.--Laboratory-determined porosity and permeability--Continued

Site	Depth to top (feet)	Depth to bottom (feet)	Formation	Porosity (percent)	Permeability (millidarcies)	Lithology
sb18-98-28bca	17,642.0	17,643.0	321TSLP	0.5	0.070000	Fine-grained, quartzitic sandstone
sb18-98-28bca	17,643.0	17,644.0	321TSLP	0.3	0.010000	Fine-grained, quartzitic sandstone
sb18-98-28bca	17,644.0	17,645.0	321TSLP	0.3	0.030000	Fine-grained, quartzitic sandstone
sb18-98-28bca	17,645.0	17,646.0	321TSLP	0.3	0.010000	Fine-grained, quartzitic sandstone
sb18-98-28bca	17,646.0	17,647.0	321TSLP	0.3	0.010000	Fine-grained, quartzitic sandstone
sb18-98-28bca	17,647.0	17,648.0	321TSLP	0.3	0.010000	Fine-grained, quartzitic sandstone
sb18-98-28bca	17,648.0	17,649.0	321TSLP	0.3	0.020000	Fine-grained, quartzitic sandstone
sb18-98-28bca	17,649.0	17,650.0	321TSLP	0.3	0.030000	Fine-grained, quartzitic sandstone
sb18-98-28bca	17,650.0	17,651.0	321TSLP	0.4	0.010000	Fine-grained, quartzitic sandstone
sb18-98-28bca	17,651.0	17,652.0	321TSLP	0.5	0.010000	Fine-grained, quartzitic sandstone
sb18-98-28bca	17,652.0	17,653.0	321TSLP	0.5	0.010000	Fine-grained, quartzitic sandstone
sb18-98-28bca	17,653.0	17,654.0	321TSLP	0.4	0.010000	Fine-grained, quartzitic sandstone
sb18-98-28bca	17,654.0	17,655.0	321TSLP	0.6	0.010000	Fine-grained, quartzitic sandstone
sb18-98-28bca	17,655.0	17,656.0	321TSLP	0.6	0.020000	Fine-grained, quartzitic sandstone
sb18-98-28bca	17,656.0	17,656.5	321TSLP	0.3	0.010000	Fine-grained, quartzitic sandstone
sb18-98-28bca	17,656.5	17,657.0	321TSLP	0.6	0.010000	Fine-grained, quartzitic sandstone
sb18-98-28bca	17,657.0	17,658.0	321TSLP	0.5	0.030000	Fine-grained, quartzitic sandstone
sb18-98-28bca	17,658.0	17,659.0	321TSLP	0.5	0.040000	Fine-grained, quartzitic sandstone
sb18-98-28bca	17,659.0	17,660.0	321TSLP	0.9	0.030000	Fine-grained, quartzitic sandstone
sb18-98-28bca	17,660.0	17,661.0	321TSLP	0.5	0.010000	Fine-grained, quartzitic sandstone
sb18-98-28bca	17,661.0	17,662.0	321TSLP	0.5	0.020000	Fine-grained, quartzitic sandstone
sb18-98-28bca	17,662.0	17,663.0	321TSLP	0.5	0.030000	Fine-grained, quartzitic sandstone
sb18-98-28bca	17,663.0	17,664.0	321TSLP	0.5	0.020000	Fine-grained, quartzitic sandstone
sb18-98-28bca	17,664.0	17,665.0	321TSLP	0.4	0.090000	Fine-grained, quartzitic sandstone
sb18-98-28bca	17,665.0	17,665.5	321TSLP	0.5	0.060000	Fine-grained, quartzitic sandstone
sb18-98-28bca	17,665.5	17,666.0	321TSLP	3.0	0.150000	Fine-grained, quartzitic sandstone
sb18-98-28bca	17,666.0	17,667.0	321TSLP	4.0	0.360000	Fine-grained, quartzitic sandstone
sb18-98-28bca	17,667.0	17,668.0	321TSLP	2.0	0.070000	Fine-grained, quartzitic sandstone
sb18-98-28bca	17,668.0	17,669.0	321TSLP	1.1	0.040000	Fine-grained, quartzitic sandstone
sb18-98-28bca	17,669.0	17,670.0	321TSLP	1.4	0.050000	Fine-grained, quartzitic sandstone
sb18-98-28bca	17,670.0	17,671.0	321TSLP	1.2	0.040000	Fine-grained, quartzitic sandstone
sb18-98-28bca	17,671.0	17,672.0	321TSLP	1.1	0.460000	Fine-grained, quartzitic sandstone
sb18-98-28bca	17,672.0	17,673.0	321TSLP	0.9	0.050000	Fine-grained, quartzitic sandstone
sb18-98-28bca	17,673.0	17,674.0	321TSLP	2.0	0.020000	Fine-grained, quartzitic sandstone
sb18-98-28bca	17,674.0	17,675.0	321TSLP	1.7	0.030000	Fine-grained, quartzitic sandstone
sb18-98-28bca	17,675.0	17,676.0	321TSLP	1.2	0.020000	Fine-grained, quartzitic sandstone
sb18-98-28bca	17,676.0	17,677.0	321TSLP	1.3	0.020000	Fine-grained, quartzitic sandstone
sb18-98-28bca	17,677.0	17,678.0	321TSLP	1.3	0.020000	Fine-grained, quartzitic sandstone
sb18-98-28bca	17,680.0	17,681.0	321TSLP	0.8	0.010000	Fine-grained, quartzitic sandstone
sb18-98-28bca	17,681.0	17,682.0	321TSLP	1.3	0.010000	Fine-grained, quartzitic sandstone
sb18-98-28bca	17,772.0	17,773.0	321TSLP	1.6	0.020000	Fine-grained sandstone
sb18-98-28bca	17,773.0	17,774.0	321TSLP	1.8	0.010000	Fine-grained sandstone
sb18-98-28bca	17,774.0	17,775.0	321TSLP	2.0	0.010000	Fine-grained sandstone
sb18-98-28bca	17,775.0	17,776.0	321TSLP	1.5	0.010000	Fine-grained sandstone
sb18-98-28bca	17,776.0	17,777.0	321TSLP	1.2	0.010000	Fine-grained sandstone
sb18-98-28bca	17,777.0	17,778.0	321TSLP	1.7	0.010000	Fine-grained sandstone
sb18-98-28bca	17,778.0	17,779.0	321TSLP	1.7	0.010000	Fine-grained sandstone
sb18-98-28bca	17,779.0	17,780.0	321TSLP	2.0	0.010000	Fine-grained sandstone
sb18-98-28bca	17,780.0	17,781.0	321TSLP	1.3	0.010000	Fine-grained sandstone
sb18-98-28bca	17,781.0	17,782.0	321TSLP	2.1	0.010000	Fine-grained sandstone

Table 4.--Laboratory-determined porosity and permeability--Continued

Site	Depth to top (feet)	Depth to bottom (feet)	Formation	Porosity (percent)	Permeability (millidarcies)	Lithology
sb18-98-28bca	17,782.0	17,783.0	321TSLP	1.2	0.010000	Fine-grained sandstone
sb18-98-28bca	17,783.0	17,784.0	321TSLP	1.3	0.010000	Fine-grained sandstone
sb18-98-28bca	17,784.0	17,785.0	321TSLP	1.2	0.030000	Fine-grained sandstone
sb18-98-28bca	17,785.0	17,786.0	321TSLP	1.0	0.010000	Fine-grained sandstone
sb18-98-28bca	17,786.0	17,787.0	321TSLP	1.3	0.010000	Fine-grained sandstone
sb18-98-28bca	17,787.0	17,788.0	321TSLP	1.0	0.010000	Fine-grained sandstone
sb18-98-28bca	17,788.0	17,789.0	321TSLP	1.3	0.010000	Fine-grained sandstone
sb18-98-28bca	17,789.0	17,790.0	321TSLP	2.7	0.010000	Fine-grained sandstone
sb18-98-28bca	17,790.0	17,791.0	321TSLP	2.4	0.030000	Fine-grained sandstone
sb18-98-28bca	17,791.0	17,792.0	321TSLP	0.7	0.010000	Fine-grained sandstone
sb18-98-28bca	17,792.0	17,793.0	321TSLP	1.4	0.010000	Fine-grained sandstone
sb18-98-28bca	17,793.0	17,794.0	321TSLP	1.1	0.010000	Fine-grained sandstone
sb18-98-28bca	17,794.0	17,795.0	321TSLP	1.0	0.130000	Fine- to medium-grained sandstone
sb18-98-28bca	17,795.0	17,796.0	321TSLP	0.7	0.020000	Fine- to medium-grained sandstone
sb18-98-28bca	17,796.0	17,797.0	321TSLP	0.9	0.010000	Fine- to medium-grained sandstone
sb18-98-28bca	17,797.0	17,798.0	321TSLP	0.7	0.020000	Fine- to medium-grained sandstone
sb18-98-28bca	17,798.0	17,799.0	321TSLP	0.6	0.010000	Fine- to medium-grained sandstone
sb18-98-28bca	17,799.0	17,800.0	321TSLP	0.6	0.010000	Fine- to medium-grained sandstone
sb18-98-28bca	17,800.0	17,801.0	321TSLP	0.7	0.020000	Fine- to medium-grained sandstone
sb18-98-28bca	17,801.0	17,802.0	321TSLP	0.5	0.010000	Fine- to medium-grained sandstone
sb18-98-28bca	17,802.0	17,803.0	321TSLP	0.4	0.010000	Fine- to medium-grained sandstone
sb18-98-28bca	17,803.0	17,804.0	321TSLP	1.7	0.010000	Fine- to medium-grained sandstone
sb18-98-28bca	17,804.0	17,805.0	321TSLP	0.8	0.010000	Fine-grained sandstone
sb18-98-28bca	17,805.0	17,806.0	321TSLP	1.0	0.020000	Fine- to coarse-grained sandstone
sb18-98-28bca	17,806.0	17,807.0	321TSLP	0.4	0.010000	Fine- to medium-grained sandstone
sb18-98-28bca	17,807.0	17,808.0	321TSLP	2.4	0.050000	Fine- to medium-grained sandstone
sb18-98-28bca	17,808.0	17,809.0	321TSLP	2.5	0.030000	Fine- to coarse-grained sandstone
sb18-98-28bca	17,809.0	17,810.0	321TSLP	2.1	0.040000	Fine-grained sandstone
sb18-98-28bca	17,810.0	17,811.0	321TSLP	2.1	0.140000	Fine-grained sandstone
sb18-98-28bca	17,811.0	17,812.0	321TSLP	2.0	0.080000	Fine- to medium-grained sandstone
sb18-98-28bca	17,812.0	17,813.0	321TSLP	0.7	0.030000	Fine- to medium-grained sandstone
sb18-98-28bca	17,813.0	17,814.0	321TSLP	2.6	0.020000	Fine- to medium-grained sandstone
sb18-98-28bca	17,814.0	17,815.0	321TSLP	0.8	0.010000	Fine- to coarse-grained, quartzitic sandstone
sb18-98-28bca	17,815.0	17,816.0	321TSLP	0.8	0.010000	Fine- to medium-grained, quartzitic sandstone
sb18-98-28bca	17,816.0	17,817.0	321TSLP	1.3	0.010000	Fine- to medium-grained, quartzitic sandstone
sb18-98-28bca	17,817.0	17,818.0	321TSLP	0.7	0.020000	Fine- to medium-grained, quartzitic sandstone
sb18-98-28bca	17,818.0	17,819.0	321TSLP	1.2	0.010000	Fine-grained sandstone
sb18-98-28bca	17,819.0	17,820.0	321TSLP	1.4	0.010000	Fine-grained sandstone
sb18-98-28bca	17,820.0	17,821.0	321TSLP	1.8	0.020000	Fine- to medium-grained sandstone
sb18-98-28bca	17,822.0	17,823.0	321TSLP	2.8	0.030000	Fine-grained, slightly limy sandstone
sb18-98-28bca	17,823.0	17,824.0	321TSLP	1.6	0.020000	Fine-grained, slightly limy sandstone
sb18-98-28bca	17,824.0	17,825.0	321TSLP	1.0	0.020000	Fine-grained, slightly limy sandstone
sb18-98-28bca	17,825.0	17,826.0	321TSLP	1.3	0.020000	Fine-grained, slightly limy sandstone
sb18-98-28bca	17,826.0	17,827.0	321TSLP	0.8	0.030000	Fine-grained, slightly limy sandstone
sb18-98-28bca	17,827.0	17,828.0	321TSLP	1.0	0.020000	Fine-grained, slightly limy sandstone
sb18-98-28bca	17,828.0	17,829.0	321TSLP	1.3	0.020000	Fine-grained, slightly limy sandstone
sb18-98-28bca	17,829.0	17,830.0	321TSLP	0.9	0.030000	Fine-grained, slightly limy sandstone
sb18-98-28bca	17,830.0	17,831.0	321TSLP	0.9	0.020000	Fine-grained, slightly limy sandstone
sb18-98-28bca	17,831.0	17,832.0	321TSLP	0.9	0.020000	Fine-grained, slightly limy sandstone
sb18-98-28bca	17,832.0	17,833.0	321TSLP	0.8	0.020000	Fine-grained, slightly limy sandstone

Table 4.--Laboratory-determined porosity and permeability--Continued

Site	Depth to top (feet)	Depth to bottom (feet)	Formation	Porosity (percent)	Permeability (millidarcies)	Lithology
sb18-98-28bca	17,834.0	17,835.0	321TSLP	0.7	0.030000	Fine-grained, slightly limy sandstone
sb18-98-28bca	17,836.0	17,837.0	321TSLP	1.3	0.020000	Fine-grained, slightly limy sandstone
sb18-98-28bca	17,838.0	17,839.0	321TSLP	0.8	0.010000	Fine-grained, slightly limy sandstone
sb18-98-28bca	17,840.0	17,841.0	321TSLP	1.2	0.100000	Fine-grained, slightly limy sandstone
sb18-98-28bca	17,842.0	17,843.0	321TSLP	1.1	0.010000	Fine-grained, slightly limy sandstone
sb18-98-28bca	17,844.0	17,845.0	321TSLP	0.7	0.010000	Fine-grained, slightly limy sandstone
sb18-98-28bca	17,846.0	17,847.0	321TSLP	0.9	0.010000	Fine-grained, slightly limy sandstone
sb18-98-28bca	17,848.0	17,849.0	321TSLP	1.7	0.010000	Fine-grained, slightly limy sandstone
sb18-98-28bca	17,851.0	17,852.0	321TSLP	0.7	0.010000	Fine-grained, slightly limy sandstone
sb18-98-28bca	17,853.0	17,854.0	321TSLP	0.7	0.010000	Fine-grained, slightly limy sandstone
sb18-98-28bca	17,855.0	17,856.0	321TSLP	0.8	0.010000	Fine-grained, slightly limy sandstone
sb18-98-28bca	17,857.0	17,858.0	321TSLP	1.4	0.010000	Fine- to medium-grained limy sandstone
sb18-98-28bca	17,859.0	17,860.0	321TSLP	4.6	0.010000	Fine-grained, slightly limy sandstone
sb18-98-28bca	17,861.0	17,862.0	321TSLP	1.2	0.010000	Fine-grained, slightly limy sandstone
sb18-98-28bca	17,863.0	17,864.0	321TSLP	1.0	0.010000	Fine-grained, slightly limy sandstone
sb18-98-28bca	17,865.0	17,866.0	321TSLP	1.9	0.010000	Fine-grained, slightly limy sandstone
sb18-98-28bca	17,867.0	17,868.0	321TSLP	2.6	0.010000	Fine- to medium-grained, slightly limy sandstone
sb18-98-28bca	17,869.0	17,870.0	321TSLP	2.6	0.010000	Fine-grained, slightly limy sandstone
sb18-98-28bca	17,871.0	17,872.0	321TSLP	1.1	0.010000	Fine-grained, slightly limy sandstone
sb18-98-28bca	17,873.0	17,874.0	321TSLP	1.3	0.010000	Fine-grained, slightly limy sandstone
sb18-98-28bca	17,875.0	17,876.0	321TSLP	2.1	0.010000	Fine-grained, slightly limy sandstone
sb18-98-28bca	17,877.0	17,878.0	321TSLP	1.6	0.010000	Fine- to medium-grained, slightly limy sandstone
sb18-98-28bca	17,879.0	17,880.0	321TSLP	1.1	0.010000	Fine- to medium-grained, slightly limy sandstone
sb18-98-28bca	17,881.0	17,882.0	321TSLP	1.8	0.010000	Fine- to medium-grained sandstone
sb18-98-28bca	17,883.0	17,884.0	321TSLP	1.8	0.030000	Fine- to medium-grained, slightly limy sandstone
sb18-98-28bca	17,885.0	17,886.0	321TSLP	1.7	0.030000	Fine- to medium-grained sandstone
sb18-98-28bca	17,887.0	17,888.0	321TSLP	1.4	0.020000	Fine- to medium-grained sandstone
sb18-98-28bca	17,889.0	17,890.0	321TSLP	1.0	0.010000	Fine- to medium-grained sandstone
sb18-98-28bca	17,891.0	17,892.0	321TSLP	1.4	0.040000	Fine- to medium-grained sandstone
sb18-98-28bca	17,892.0	17,893.0	321TSLP	1.6	0.040000	Fine- to medium-grained, slightly limy sandstone
			AVERAGE--	1.1	0.027172	
SITE AVERAGE-----				1.1	0.027172	
sb20-87-30ddd	8,183.0	8,184.0	321TSLP	4.0	0.100000	Fine-grained, limy and quartzitic sandstone
sb20-87-30ddd	8,184.0	8,185.0	321TSLP	1.7	0.100000	Fine-grained, quartzitic sandstone
sb20-87-30ddd	8,185.0	8,186.0	321TSLP	1.5	0.100000	Fine-grained, quartzitic sandstone
sb20-87-30ddd	8,186.0	8,187.0	321TSLP	1.5	0.100000	Fine-grained, quartzitic sandstone
sb20-87-30ddd	8,187.0	8,188.0	321TSLP	4.2	0.100000	Fine-grained, quartzitic sandstone
sb20-87-30ddd	8,188.0	8,189.0	321TSLP	3.1	0.400000	Fine-grained, quartzitic sandstone
sb20-87-30ddd	8,189.0	8,190.0	321TSLP	2.9	0.000000	Fine-grained, quartzitic sandstone
sb20-87-30ddd	8,190.0	8,191.0	321TSLP	2.6	0.100000	Fine-grained, quartzitic sandstone
sb20-87-30ddd	8,191.0	8,192.0	321TSLP	1.5	0.400000	Fine-grained, quartzitic sandstone
sb20-87-30ddd	8,192.0	8,193.0	321TSLP	2.1	0.000000	Fine-grained, quartzitic sandstone
sb20-87-30ddd	8,193.0	8,194.0	321TSLP	2.8	0.100000	Fine-grained, quartzitic sandstone
sb20-87-30ddd	8,194.0	8,195.0	321TSLP	1.8	0.000000	Fine-grained, quartzitic sandstone
sb20-87-30ddd	8,195.0	8,196.0	321TSLP	2.1	0.000000	Fine-grained, quartzitic sandstone
sb20-87-30ddd	8,196.0	8,197.0	321TSLP	1.4	0.000000	Fine-grained, quartzitic sandstone
sb20-87-30ddd	8,197.0	8,198.0	321TSLP	1.6	0.000000	Fine-grained, quartzitic sandstone

Table 4.--Laboratory-determined porosity and permeability--Continued

Site	Depth to top (feet)	Depth to bottom (feet)	Formation	Porosity (percent)	Permeability (millidarcies)	Lithology
sb20-87-30ddd	8,198.0	8,199.0	321TSLP	1.0	0.000000	Shaly, fine-grained, quartzitic sandstone
sb20-87-30ddd	8,199.0	8,200.0	321TSLP	1.7	0.000000	Shaly, fine-grained, quartzitic sandstone
sb20-87-30ddd	8,200.0	8,201.0	321TSLP	1.3	0.100000	Shaly, fine-grained, quartzitic sandstone
sb20-87-30ddd	8,201.0	8,202.0	321TSLP	2.6	0.000000	Shaly, fine-grained, quartzitic sandstone
sb20-87-30ddd	8,202.0	8,203.0	321TSLP	2.0	0.000000	Shaly, fine-grained, quartzitic sandstone
sb20-87-30ddd	8,203.0	8,204.0	321TSLP	1.2	0.000000	Shaly, fine-grained, quartzitic sandstone
sb20-87-30ddd	8,204.0	8,205.0	321TSLP	0.9	0.000000	Fine-grained, quartzitic sandstone
sb20-87-30ddd	8,205.0	8,206.0	321TSLP	0.9	0.000000	Fine-grained, quartzitic sandstone
sb20-87-30ddd	8,206.0	8,207.0	321TSLP	1.2	0.000000	Fine-grained, quartzitic sandstone
sb20-87-30ddd	8,207.0	8,208.0	321TSLP	1.1	0.000000	Fine-grained, quartzitic sandstone
sb20-87-30ddd	8,208.0	8,209.0	321TSLP	1.5	0.100000	Fine-grained, limy and quartzitic sandstone
sb20-87-30ddd	8,209.0	8,210.0	321TSLP	2.0	0.100000	Fine-grained, limy and quartzitic sandstone
sb20-87-30ddd	8,210.0	8,211.0	321TSLP	2.6	21.000000	Fine-grained, limy and quartzitic sandstone
sb20-87-30ddd	8,211.0	8,212.0	321TSLP	2.2	0.100000	Fine-grained, limy and quartzitic sandstone
sb20-87-30ddd	8,212.0	8,213.0	321TSLP	2.0	0.100000	Fine-grained, limy and quartzitic sandstone
sb20-87-30ddd	8,213.0	8,214.0	321TSLP	1.9	0.100000	Fine-grained, limy and quartzitic sandstone
sb20-87-30ddd	8,214.0	8,215.0	321TSLP	2.3	0.100000	Fine-grained, limy and quartzitic sandstone
sb20-87-30ddd	8,215.0	8,216.0	321TSLP	2.3	0.100000	Fine-grained, limy and quartzitic sandstone
sb20-87-30ddd	8,216.0	8,217.0	321TSLP	2.0	0.100000	Fine-grained, limy and quartzitic sandstone
sb20-87-30ddd	8,217.0	8,218.0	321TSLP	2.5	0.100000	Fine-grained, limy and quartzitic sandstone
sb20-87-30ddd	8,218.0	8,219.0	321TSLP	2.2	0.100000	Fine-grained, limy and quartzitic sandstone
sb20-87-30ddd	8,219.0	8,220.0	321TSLP	1.9	0.100000	Fine-grained, limy and quartzitic sandstone
sb20-87-30ddd	8,220.0	8,221.0	321TSLP	2.4	0.100000	Fine-grained, limy and quartzitic sandstone
sb20-87-30ddd	8,221.0	8,222.0	321TSLP	2.2	0.100000	Fine-grained, limy and quartzitic sandstone
sb20-87-30ddd	8,222.0	8,223.0	321TSLP	2.2	0.100000	Fine-grained, limy and quartzitic sandstone
sb20-87-30ddd	8,223.0	8,224.0	321TSLP	2.2	0.100000	Fine-grained, limy and quartzitic sandstone
sb20-87-30ddd	8,224.0	8,225.0	321TSLP	1.9	0.100000	Fine-grained, limy and quartzitic sandstone
sb20-87-30ddd	8,225.0	8,226.0	321TSLP	2.0	0.100000	Fine-grained, limy and quartzitic sandstone
sb20-87-30ddd	8,226.0	8,227.0	321TSLP	2.0	0.100000	Fine-grained, limy and quartzitic sandstone
sb20-87-30ddd	8,227.0	8,228.0	321TSLP	2.7	0.100000	Fine-grained, limy and quartzitic sandstone
sb20-87-30ddd	8,228.0	8,229.0	321TSLP	1.8	0.100000	Fine-grained, limy and quartzitic sandstone
sb20-87-30ddd	8,229.0	8,230.0	321TSLP	2.2	0.100000	Fine-grained, limy and quartzitic sandstone
sb20-87-30ddd	8,230.0	8,231.0	321TSLP	2.2	0.100000	Fine-grained, limy and quartzitic sandstone
sb20-87-30ddd	8,231.0	8,232.0	321TSLP	2.2	0.100000	Fine-grained, limy and quartzitic sandstone
sb20-87-30ddd	8,232.0	8,233.0	321TSLP	1.3	0.100000	Fine-grained, limy and quartzitic sandstone
sb20-87-30ddd	8,233.0	8,234.0	321TSLP	2.1	0.100000	Medium-grained limy sandstone
sb20-87-30ddd	8,234.0	8,235.0	321TSLP	1.9	0.100000	Fine-grained, limy and quartzitic sandstone
sb20-87-30ddd	8,235.0	8,236.0	321TSLP	2.8	0.100000	Fine-grained, limy and quartzitic sandstone
sb20-87-30ddd	8,236.0	8,237.0	321TSLP	3.4	0.100000	Fine-grained, limy and quartzitic sandstone
sb20-87-30ddd	8,237.0	8,238.0	321TSLP	2.1	0.100000	Fine-grained, limy and quartzitic sandstone
sb20-87-30ddd	8,238.0	8,239.0	321TSLP	1.9	2.200000	Fine-grained, limy and quartzitic sandstone
sb20-87-30ddd	8,239.0	8,240.0	321TSLP	2.0	0.100000	Fine-grained, limy and quartzitic sandstone
sb20-87-30ddd	8,240.0	8,241.0	321TSLP	0.8	0.100000	Fine-grained, limy and quartzitic sandstone
sb20-87-30ddd	8,241.0	8,242.0	321TSLP	1.9	0.100000	Fine-grained, limy and quartzitic sandstone
sb20-87-30ddd	8,242.0	8,243.0	321TSLP	3.3	0.100000	Fine-grained, limy and quartzitic sandstone
sb20-87-30ddd	8,243.0	8,244.0	321TSLP	2.4	0.100000	Fine-grained, limy and quartzitic sandstone
sb20-87-30ddd	8,244.0	8,245.0	321TSLP	1.8	0.100000	Fine-grained, limy and quartzitic sandstone
sb20-87-30ddd	8,245.0	8,246.0	321TSLP	2.6	0.100000	Fine-grained, limy and quartzitic sandstone
sb20-87-30ddd	8,246.0	8,247.0	321TSLP	1.9	0.100000	Fine-grained, limy and quartzitic sandstone
sb20-87-30ddd	8,247.0	8,248.0	321TSLP	1.8	0.100000	Fine-grained, limy and quartzitic sandstone

Table 4.--Laboratory-determined porosity and permeability--Continued

Site	Depth to top (feet)	Depth to bottom (feet)	Formation	Porosity (percent)	Permeability (millidarcies)	Lithology
sb20-87-30ddd	8,248.0	8,249.0	321TSLP	2.7	0.100000	Fine-grained, limy and quartzitic sandstone
sb20-87-30ddd	8,249.0	8,250.0	321TSLP	1.9	0.100000	Fine-grained, limy and quartzitic sandstone
sb20-87-30ddd	8,250.0	8,251.0	321TSLP	2.1	0.100000	Fine-grained, limy and quartzitic sandstone
sb20-87-30ddd	8,251.0	8,252.0	321TSLP	3.0	0.400000	Fine-grained, limy and quartzitic sandstone
sb20-87-30ddd	8,252.0	8,253.0	321TSLP	1.9	0.100000	Fine-grained, limy and quartzitic sandstone
sb20-87-30ddd	8,253.0	8,254.0	321TSLP	2.5	0.100000	Fine-grained, limy and quartzitic sandstone
sb20-87-30ddd	8,254.0	8,255.0	321TSLP	2.3	0.100000	Fine-grained, limy and quartzitic sandstone
sb20-87-30ddd	8,255.0	8,256.0	321TSLP	1.4	0.100000	Fine-grained, limy and quartzitic sandstone
sb20-87-30ddd	8,256.0	8,257.0	321TSLP	1.3	0.100000	Fine-grained, limy and quartzitic sandstone
sb20-87-30ddd	8,257.0	8,258.0	321TSLP	0.9	0.100000	Fine-grained, limy and quartzitic sandstone
sb20-87-30ddd	8,258.0	8,259.0	321TSLP	1.1	0.100000	Fine-grained, limy and quartzitic sandstone
sb20-87-30ddd	8,259.0	8,260.0	321TSLP	0.8	0.100000	Fine-grained, limy and quartzitic sandstone
sb20-87-30ddd	8,260.0	8,261.0	321TSLP	1.6	0.000000	Cross-bedded, shaly, fine-grained, limy sandstone
sb20-87-30ddd	8,261.0	8,262.0	321TSLP	1.7	0.000000	Cross-bedded, shaly, fine-grained, limy sandstone
sb20-87-30ddd	8,262.0	8,263.0	321TSLP	1.9	0.400000	Cross-bedded, shaly, fine-grained, limy sandstone
sb20-87-30ddd	8,263.0	8,264.0	321TSLP	2.6	0.000000	Cross-bedded, shaly, fine-grained, limy sandstone
sb20-87-30ddd	8,264.0	8,265.0	321TSLP	1.8	0.000000	Cross-bedded, shaly, fine-grained, limy sandstone
sb20-87-30ddd	8,265.0	8,266.0	321TSLP	1.9	0.000000	Cross-bedded, shaly, fine-grained, limy sandstone
sb20-87-30ddd	8,266.0	8,267.0	321TSLP	2.0	0.100000	Cross-bedded, shaly, fine-grained, limy sandstone
sb20-87-30ddd	8,267.0	8,268.0	321TSLP	2.0	0.000000	Cross-bedded, shaly, fine-grained, limy sandstone
sb20-87-30ddd	8,268.0	8,269.0	321TSLP	2.1	0.000000	Cross-bedded, shaly, fine-grained, limy sandstone
sb20-87-30ddd	8,269.0	8,270.0	321TSLP	2.0	0.000000	Cross-bedded, shaly, fine-grained, limy sandstone
sb20-87-30ddd	8,270.0	8,271.0	321TSLP	1.4	0.000000	Cross-bedded, shaly, fine-grained, limy sandstone
sb20-87-30ddd	8,271.0	8,272.0	321TSLP	2.0	0.000000	Cross-bedded, shaly, fine-grained, limy sandstone
sb20-87-30ddd	8,272.0	8,273.0	321TSLP	1.6	0.000000	Cross-bedded, shaly, fine-grained, limy sandstone
sb20-87-30ddd	8,273.0	8,274.0	321TSLP	2.6	0.000000	Cross-bedded, shaly, fine-grained, limy sandstone
sb20-87-30ddd	8,274.0	8,275.0	321TSLP	2.1	0.000000	Cross-bedded, shaly, fine-grained, limy sandstone
sb20-87-30ddd	8,275.0	8,276.0	321TSLP	1.6	0.100000	Cross-bedded, shaly, fine-grained, limy sandstone
sb20-87-30ddd	8,276.0	8,277.0	321TSLP	2.0	0.000000	Cross-bedded, shaly, fine-grained, limy sandstone
sb20-87-30ddd	8,277.0	8,278.0	321TSLP	1.3	0.000000	Cross-bedded, shaly, fine-grained, limy sandstone
sb20-87-30ddd	8,278.0	8,279.0	321TSLP	1.7	0.100000	Cross-bedded, shaly, fine-grained, limy sandstone
sb20-87-30ddd	8,279.0	8,280.0	321TSLP	1.8	0.100000	Cross-bedded, shaly, fine-grained, limy sandstone
sb20-87-30ddd	8,280.0	8,281.0	321TSLP	1.7	0.100000	Cross-bedded, shaly, fine-grained, limy sandstone
sb20-87-30ddd	8,281.0	8,282.0	321TSLP	2.1	0.000000	Cross-bedded, shaly, fine-grained, limy sandstone
sb20-87-30ddd	8,282.0	8,283.0	321TSLP	1.8	0.100000	Cross-bedded, shaly, fine-grained, limy sandstone
sb20-87-30ddd	8,283.0	8,284.0	321TSLP	2.3	0.100000	Cross-bedded, shaly, fine-grained, limy sandstone
sb20-87-30ddd	8,284.0	8,285.0	321TSLP	1.4	0.400000	Cross-bedded, shaly, fine-grained, limy sandstone
sb20-87-30ddd	8,285.0	8,286.0	321TSLP	1.2	0.400000	Cross-bedded, shaly, fine-grained, limy sandstone
sb20-87-30ddd	8,286.0	8,287.0	321TSLP	1.7	0.100000	Cross-bedded, shaly, fine-grained, limy sandstone
sb20-87-30ddd	8,287.0	8,288.0	321TSLP	1.7	0.400000	Cross-bedded, shaly, fine-grained, limy sandstone
sb20-87-30ddd	8,288.0	8,289.0	321TSLP	2.1	0.100000	Cross-bedded, shaly, fine-grained, limy sandstone
sb20-87-30ddd	8,289.0	8,290.0	321TSLP	2.2	0.400000	Cross-bedded, shaly, fine-grained, limy sandstone
sb20-87-30ddd	8,290.0	8,291.0	321TSLP	2.0	0.400000	Cross-bedded, shaly, fine-grained, limy sandstone
sb20-87-30ddd	8,291.0	8,292.0	321TSLP	2.4	0.400000	Cross-bedded, shaly, fine-grained, limy sandstone
sb20-87-30ddd	8,292.0	8,293.0	321TSLP	2.4	0.400000	Cross-bedded, shaly, fine-grained, limy sandstone
sb20-87-30ddd	8,293.0	8,294.0	321TSLP	1.0	0.100000	Fine-grained, limy sandstone
sb20-87-30ddd	8,294.0	8,295.0	321TSLP	2.1	0.100000	Fine-grained, limy sandstone
sb20-87-30ddd	8,295.0	8,296.0	321TSLP	1.9	0.100000	Fine-grained, limy sandstone
sb20-87-30ddd	8,296.0	8,297.0	321TSLP	1.2	0.400000	Fine-grained, limy sandstone
sb20-87-30ddd	8,297.0	8,298.0	321TSLP	1.4	0.400000	Fine-grained, limy sandstone

Table 4.--Laboratory-determined porosity and permeability--Continued

Site	Depth to top (feet)	Depth to bottom (feet)	Formation	Porosity (percent)	Permeability (millidarcies)	Lithology
sb20-87-30ddd	8,298.0	8,299.0	321TSLP	1.0	0.100000	Fine-grained, limy sandstone
sb20-87-30ddd	8,299.0	8,300.0	321TSLP	1.2	0.100000	Fine-grained, limy sandstone
sb20-87-30ddd	8,300.0	8,301.0	321TSLP	1.3	0.100000	Fine-grained, limy sandstone
sb20-87-30ddd	8,301.0	8,302.0	321TSLP	1.7	0.100000	Fine-grained, limy sandstone
sb20-87-30ddd	8,302.0	8,303.0	321TSLP	1.3	0.100000	Fine-grained, limy sandstone
sb20-87-30ddd	8,303.0	8,304.0	321TSLP	1.5	0.400000	Fine-grained, limy sandstone
sb20-87-30ddd	8,304.0	8,305.0	321TSLP	1.4	0.400000	Fine-grained, limy sandstone
sb20-87-30ddd	8,305.0	8,306.0	321TSLP	1.3	0.100000	Fine-grained, limy sandstone
sb20-87-30ddd	8,306.0	8,307.0	321TSLP	1.4	0.000000	Fine-grained, limy sandstone
sb20-87-30ddd	8,307.0	8,308.0	321TSLP	1.4	0.000000	Fine-grained, limy sandstone
sb20-87-30ddd	8,308.0	8,309.0	321TSLP	1.9	0.400000	Fine-grained, limy sandstone
sb20-87-30ddd	8,309.0	8,310.0	321TSLP	1.5	0.100000	Fine-grained, limy sandstone
sb20-87-30ddd	8,310.0	8,311.0	321TSLP	1.3	0.000000	Fine-grained, limy sandstone
sb20-87-30ddd	8,311.0	8,312.0	321TSLP	1.0	0.000000	Fine-grained, limy sandstone
sb20-87-30ddd	8,312.0	8,313.0	321TSLP	1.0	0.100000	Fine-grained, limy sandstone
sb20-87-30ddd	8,313.0	8,314.0	321TSLP	0.8	0.100000	Fine-grained, limy sandstone
sb20-87-30ddd	8,314.0	8,315.0	321TSLP	0.6	0.400000	Fine-grained, limy sandstone
sb20-87-30ddd	8,315.0	8,316.0	321TSLP	0.4	0.100000	Fine-grained, limy sandstone
sb20-87-30ddd	8,316.0	8,317.0	321TSLP	1.5	0.100000	Fine-grained, limy sandstone
sb20-87-30ddd	8,317.0	8,318.0	321TSLP	0.8	0.100000	Fine-grained, limy sandstone
sb20-87-30ddd	8,318.0	8,319.0	321TSLP	1.3	0.100000	Fine-grained, limy sandstone
sb20-87-30ddd	8,319.0	8,320.0	321TSLP	1.3	0.100000	Fine-grained, limy sandstone
sb20-87-30ddd	8,320.0	8,321.0	321TSLP	0.9	0.100000	Fine-grained, limy sandstone
sb20-87-30ddd	8,321.0	8,322.0	321TSLP	2.2	0.100000	Fine-grained, limy sandstone
sb20-87-30ddd	8,322.0	8,323.0	321TSLP	4.5	0.000000	Cross-bedded, fine to medium grained, limy sandstone
sb20-87-30ddd	8,323.0	8,324.0	321TSLP	6.5	0.400000	Cross-bedded, fine to medium grained, limy sandstone
sb20-87-30ddd	8,324.0	8,325.0	321TSLP	6.7	0.100000	Cross-bedded, fine to medium grained, limy sandstone
sb20-87-30ddd	8,325.0	8,326.0	321TSLP	8.8	0.400000	Cross-bedded, fine to medium grained, limy sandstone
sb20-87-30ddd	8,326.0	8,327.0	321TSLP	7.4	0.400000	Cross-bedded, fine to medium grained, limy sandstone
sb20-87-30ddd	8,327.0	8,328.0	321TSLP	6.1	0.100000	Cross-bedded, fine to medium grained, limy sandstone
sb20-87-30ddd	8,328.0	8,329.0	321TSLP	4.8	0.400000	Cross-bedded, fine to medium grained, limy sandstone
sb20-87-30ddd	8,329.0	8,330.0	321TSLP	6.0	0.400000	Cross-bedded, fine to medium grained, limy sandstone
sb20-87-30ddd	8,330.0	8,331.0	321TSLP	5.8	0.100000	Cross-bedded, fine to medium grained, limy sandstone
sb20-87-30ddd	8,331.0	8,332.0	321TSLP	5.3	0.100000	Cross-bedded, fine to medium grained, limy sandstone
sb20-87-30ddd	8,332.0	8,333.0	321TSLP	3.3	0.100000	Fine-grained, limy sandstone
sb20-87-30ddd	8,333.0	8,334.0	321TSLP	2.3	0.000000	Fine-grained, limy sandstone
sb20-87-30ddd	8,334.0	8,335.0	321TSLP	2.6	0.100000	Shaly, fine-grained, limy sandstone
sb20-87-30ddd	8,335.0	8,336.0	321TSLP	1.8	0.000000	Fine-grained, limy sandstone
sb20-87-30ddd	8,336.0	8,337.0	321TSLP	2.3	0.100000	Fine to medium grained sandstone
sb20-87-30ddd	8,337.0	8,338.0	321TSLP	1.6	0.000000	Fine-grained, limy sandstone
sb20-87-30ddd	8,338.0	8,339.0	321TSLP	2.3	0.000000	Fine-grained, limy sandstone
sb20-87-30ddd	8,339.0	8,340.0	321TSLP	2.0	0.000000	Fine-grained, limy sandstone
sb20-87-30ddd	8,340.0	8,341.0	321TSLP	1.7	0.000000	Fine-grained, limy sandstone
sb20-87-30ddd	8,341.0	8,342.0	321TSLP	1.2	0.000000	Fine-grained, limy sandstone
sb20-87-30ddd	8,342.0	8,343.0	321TSLP	1.2	0.000000	Fine-grained, limy sandstone
sb20-87-30ddd	8,343.0	8,344.0	321TSLP	1.5	0.100000	Fine-grained, limy sandstone
sb20-87-30ddd	8,344.0	8,345.0	321TSLP	1.4	0.000000	Fine-grained, limy sandstone
sb20-87-30ddd	8,345.0	8,346.0	321TSLP	1.4	0.000000	Fine-grained, limy sandstone
sb20-87-30ddd	8,346.0	8,347.0	321TSLP	1.4	0.000000	Fine-grained, limy sandstone
sb20-87-30ddd	8,347.0	8,348.0	321TSLP	1.7	0.100000	Fine-grained, limy sandstone



Table 4.--Laboratory-determined porosity and permeability--Continued

Site	Depth to top (feet)	Depth to bottom (feet)	Forma- tion	Porosity (percent)	Perme- ability (milli- darcies)	Lithology
sb20-87-30ddd	8,348.0	8,349.0	321TSLP	1.4	0.000000	Fine-grained, limy sandstone
sb20-87-30ddd	8,349.0	8,350.0	321TSLP	1.3	0.000000	Fine-grained, limy sandstone
sb20-87-30ddd	8,350.0	8,351.0	321TSLP	1.5	0.400000	Fine-grained, limy sandstone
sb20-87-30ddd	8,351.0	8,352.0	321TSLP	1.6	0.100000	Fine-grained, limy sandstone
sb20-87-30ddd	8,352.0	8,353.0	321TSLP	1.0	0.100000	Fine-grained, limy sandstone
sb20-87-30ddd	8,353.0	8,354.0	321TSLP	1.3	0.000000	Fine-grained, limy sandstone
sb20-87-30ddd	8,354.0	8,355.0	321TSLP	1.3	0.000000	Fine-grained, limy sandstone
sb20-87-30ddd	8,355.0	8,356.0	321TSLP	1.7	0.000000	Fine-grained, limy sandstone
sb20-87-30ddd	8,356.0	8,357.0	321TSLP	1.8	0.100000	Fine-grained, limy sandstone
sb20-87-30ddd	8,357.0	8,358.0	321TSLP	1.8	0.000000	Fine-grained, limy sandstone
sb20-87-30ddd	8,358.0	8,359.0	321TSLP	1.4	0.000000	Fine-grained, limy sandstone
sb20-87-30ddd	8,359.0	8,360.0	321TSLP	1.8	0.100000	Fine-grained, limy sandstone
sb20-87-30ddd	8,360.0	8,361.0	321TSLP	2.3	0.000000	Fine-grained, limy sandstone
sb20-87-30ddd	8,361.0	8,362.0	321TSLP	2.4	0.000000	Fine-grained, limy sandstone
sb20-87-30ddd	8,362.0	8,363.0	321TSLP	2.3	0.000000	Fine-grained, limy sandstone
sb20-87-30ddd	8,363.0	8,364.0	321TSLP	2.2	0.000000	Fine-grained, limy sandstone
sb20-87-30ddd	8,364.0	8,365.0	321TSLP	2.3	0.000000	Fine-grained, limy sandstone
sb20-87-30ddd	8,367.0	8,368.0	321TSLP	2.2	0.000000	Fine-grained, limy sandstone
sb20-87-30ddd	8,368.0	8,369.0	321TSLP	2.0	0.000000	Fine-grained, limy sandstone
sb20-87-30ddd	8,369.0	8,370.0	321TSLP	1.8	0.000000	Fine-grained, limy sandstone
sb20-87-30ddd	8,370.0	8,371.0	321TSLP	1.5	0.000000	Fine-grained, limy sandstone
sb20-87-30ddd	8,371.0	8,372.0	321TSLP	1.7	0.000000	Fine-grained, limy sandstone
sb20-87-30ddd	8,372.0	8,373.0	321TSLP	1.4	0.000000	Fine-grained, limy sandstone
sb20-87-30ddd	8,373.0	8,374.0	321TSLP	2.0	0.100000	Fine-grained, limy sandstone
sb20-87-30ddd	8,374.0	8,375.0	321TSLP	2.3	0.100000	Fine-grained, limy sandstone
sb20-87-30ddd	8,375.0	8,376.0	321TSLP	1.7	0.000000	Fine-grained, limy sandstone
sb20-87-30ddd	8,376.0	8,377.0	321TSLP	2.6	0.400000	Fine-grained, limy sandstone
sb20-87-30ddd	8,377.0	8,378.0	321TSLP	3.1	0.100000	Fine-grained, limy sandstone
sb20-87-30ddd	8,378.0	8,379.0	321TSLP	2.9	0.000000	Fine-grained, limy sandstone
sb20-87-30ddd	8,379.0	8,380.0	321TSLP	2.2	0.000000	Fine-grained, limy sandstone
sb20-87-30ddd	8,380.0	8,381.0	321TSLP	1.2	0.000000	Fine-grained, limy sandstone
sb20-87-30ddd	8,381.0	8,382.0	321TSLP	1.3	0.000000	Fine-grained, limy sandstone
sb20-87-30ddd	8,382.0	8,383.0	321TSLP	1.0	0.100000	Fine-grained, limy sandstone
sb20-87-30ddd	8,383.0	8,384.0	321TSLP	1.0	0.000000	Fine-grained, limy sandstone
sb20-87-30ddd	8,384.0	8,385.0	321TSLP	1.4	0.100000	Fine-grained, limy sandstone
sb20-87-30ddd	8,385.0	8,386.0	321TSLP	1.2	0.000000	Fine-grained, limy sandstone
sb20-87-30ddd	8,386.0	8,387.0	321TSLP	1.3	0.000000	Fine-grained, limy sandstone
sb20-87-30ddd	8,387.0	8,388.0	321TSLP	0.7	0.000000	Fine-grained, limy sandstone
sb20-87-30ddd	8,388.0	8,389.0	321TSLP	1.2	0.100000	Fine-grained, limy sandstone
sb20-87-30ddd	8,389.0	8,390.0	321TSLP	0.9	0.000000	Fine-grained, limy sandstone
sb20-87-30ddd	8,390.0	8,391.0	321TSLP	1.1	0.000000	Fine-grained, limy sandstone
sb20-87-30ddd	8,391.0	8,392.0	321TSLP	0.6	0.000000	Fine-grained, limy sandstone
sb20-87-30ddd	8,392.0	8,393.0	321TSLP	0.9	0.000000	Fine-grained, limy sandstone
sb20-87-30ddd	8,393.0	8,394.0	321TSLP	0.8	0.000000	Fine-grained, limy sandstone
sb20-87-30ddd	8,394.0	8,395.0	321TSLP	0.7	0.000000	Fine-grained, limy sandstone
sb20-87-30ddd	8,395.0	8,396.0	321TSLP	1.2	0.000000	Fine-grained, limy sandstone
sb20-87-30ddd	8,396.0	8,397.0	321TSLP	1.3	0.000000	Fine-grained, limy sandstone
sb20-87-30ddd	8,397.0	8,398.0	321TSLP	0.8	0.100000	Fine-grained, limy sandstone
sb20-87-30ddd	8,398.0	8,399.0	321TSLP	0.3	0.000000	Fine-grained, limy sandstone
sb20-87-30ddd	8,399.0	8,400.0	321TSLP	0.6	0.000000	Fine-grained, limy sandstone

Table 4.--Laboratory-determined porosity and permeability--Continued

Site	Depth to top (feet)	Depth to bottom (feet)	Formation	Porosity (percent)	Permeability (millidarcies)	Lithology
sb20-87-30ddd	8,400.0	8,401.0	321TSLP	0.5	0.000000	Fine-grained, limy sandstone
sb20-87-30ddd	8,401.0	8,402.0	321TSLP	0.9	0.100000	Fine-grained, limy sandstone
sb20-87-30ddd	8,402.0	8,403.0	321TSLP	0.6	0.000000	Fine-grained, limy sandstone
sb20-87-30ddd	8,403.0	8,404.0	321TSLP	0.6	0.000000	Fine-grained, limy sandstone
sb20-87-30ddd	8,404.0	8,405.0	321TSLP	0.8	0.000000	Fine-grained, limy sandstone
sb20-87-30ddd	8,405.0	8,406.0	321TSLP	0.9	0.100000	Fine-grained, limy sandstone
sb20-87-30ddd	8,406.0	8,407.0	321TSLP	0.9	0.000000	Fine-grained, limy sandstone
sb20-87-30ddd	8,407.0	8,408.0	321TSLP	1.0	0.000000	Fine-grained, limy sandstone
sb20-87-30ddd	8,408.0	8,409.0	321TSLP	1.1	0.100000	Fine-grained, limy sandstone
sb20-87-30ddd	8,409.0	8,410.0	321TSLP	0.7	0.000000	Fine-grained, limy sandstone
sb20-87-30ddd	8,410.0	8,411.0	321TSLP	0.7	0.000000	Fine-grained, limy sandstone
sb20-87-30ddd	8,411.0	8,412.0	321TSLP	0.9	0.100000	Fine-grained, limy sandstone
sb20-87-30ddd	8,412.0	8,413.0	321TSLP	0.8	0.000000	Fine-grained, limy sandstone
sb20-87-30ddd	8,413.0	8,414.0	321TSLP	0.7	0.100000	Fine-grained, limy sandstone
sb20-87-30ddd	8,414.0	8,415.0	321TSLP	0.7	0.100000	Fine-grained, limy sandstone
sb20-87-30ddd	8,415.0	8,416.0	321TSLP	1.1	0.000000	Fine-grained, limy sandstone
sb20-87-30ddd	8,416.0	8,417.0	321TSLP	0.7	0.000000	Fine-grained, limy sandstone
sb20-87-30ddd	8,417.0	8,418.0	321TSLP	0.8	0.000000	Fine-grained, limy sandstone
sb20-87-30ddd	8,418.0	8,419.0	321TSLP	0.7	0.000000	Fine-grained, limy sandstone
sb20-87-30ddd	8,419.0	8,420.0	321TSLP	0.7	0.000000	Fine-grained, limy sandstone
sb20-87-30ddd	8,420.0	8,421.0	321TSLP	0.3	0.000000	Fine- to medium-grained, limy sandstone
sb20-87-30ddd	8,421.0	8,422.0	321TSLP	0.9	0.100000	Fine- to medium-grained, limy sandstone
sb20-87-30ddd	8,422.0	8,423.0	321TSLP	1.0	0.000000	Fine- to medium-grained, limy sandstone
sb20-87-30ddd	8,423.0	8,424.0	321TSLP	1.5	0.000000	Fine- to medium-grained, limy sandstone
sb20-87-30ddd	8,424.0	8,425.0	321TSLP	1.0	0.000000	Fine- to medium-grained, limy sandstone
sb20-87-30ddd	8,425.0	8,426.0	321TSLP	0.8	0.000000	Fine- to medium-grained, limy sandstone
sb20-87-30ddd	8,426.0	8,427.0	321TSLP	1.1	0.000000	Fine- to medium-grained, limy sandstone
sb20-87-30ddd	8,427.0	8,428.0	321TSLP	0.7	0.000000	Fine- to medium-grained, limy sandstone
sb20-87-30ddd	8,428.0	8,429.0	321TSLP	0.8	0.000000	Fine- to medium-grained, limy sandstone
sb20-87-30ddd	8,429.0	8,430.0	321TSLP	0.7	0.000000	Fine- to medium-grained, limy sandstone
sb20-87-30ddd	8,430.0	8,431.0	321TSLP	1.0	0.000000	Fine- to medium-grained, limy sandstone
sb20-87-30ddd	8,431.0	8,432.0	321TSLP	1.1	0.000000	Fine- to medium-grained, limy sandstone
sb20-87-30ddd	8,432.0	8,433.0	321TSLP	1.3	0.000000	Fine- to medium-grained, limy sandstone
sb20-87-30ddd	8,433.0	8,434.0	321TSLP	1.1	0.000000	Fine- to medium-grained, limy sandstone
sb20-87-30ddd	8,434.0	8,435.0	321TSLP	1.5	0.000000	Fine- to medium-grained, limy sandstone
sb20-87-30ddd	8,435.0	8,436.0	321TSLP	1.1	0.000000	Fine- to medium-grained, limy sandstone
sb20-87-30ddd	8,436.0	8,437.0	321TSLP	0.8	0.000000	Fine- to medium-grained, limy sandstone
sb20-87-30ddd	8,437.0	8,438.0	321TSLP	0.8	0.000000	Fine- to medium-grained, limy sandstone
sb20-87-30ddd	8,438.0	8,439.0	321TSLP	0.8	0.000000	Fine- to medium-grained, limy sandstone
sb20-87-30ddd	8,439.0	8,440.0	321TSLP	0.8	0.000000	Fine- to medium-grained, limy sandstone
sb20-87-30ddd	8,440.0	8,441.0	321TSLP	1.0	0.000000	Fine- to medium-grained, limy sandstone
sb20-87-30ddd	8,441.0	8,442.0	321TSLP	0.9	0.000000	Fine- to medium-grained, limy sandstone
sb20-87-30ddd	8,442.0	8,443.0	321TSLP	0.6	0.000000	Fine- to medium-grained, limy sandstone
sb20-87-30ddd	8,443.0	8,444.0	321TSLP	0.7	0.000000	Fine- to medium-grained, limy sandstone
sb20-87-30ddd	8,444.0	8,445.0	321TSLP	0.5	0.000000	Fine- to medium-grained, limy sandstone
sb20-87-30ddd	8,445.0	8,446.0	321TSLP	0.8	0.000000	Fine- to medium-grained, limy sandstone
sb20-87-30ddd	8,446.0	8,447.0	321TSLP	1.5	0.000000	Fine- to medium-grained, limy sandstone
sb20-87-30ddd	8,447.0	8,448.0	321TSLP	1.9	0.000000	Fine- to medium-grained, limy sandstone
sb20-87-30ddd	8,448.0	8,449.0	321TSLP	1.3	0.000000	Fine- to medium-grained, limy sandstone
sb20-87-30ddd	8,449.0	8,450.0	321TSLP	0.9	0.000000	Fine- to medium-grained, limy sandstone

Table 4.--Laboratory-determined porosity and permeability--Continued

Site	Depth to top (feet)	Depth to bottom (feet)	Formation	Porosity (percent)	Permeability (millidarcies)	Lithology
sb20-87-30ddd	8,450.0	8,451.0	321TSLP	1.0	0.100000	Fine- to medium-grained, limy sandstone
sb20-87-30ddd	8,451.0	8,452.0	321TSLP	0.6	0.000000	Fine- to medium-grained, limy sandstone
sb20-87-30ddd	8,452.0	8,453.0	321TSLP	0.6	0.000000	Fine- to medium-grained, limy sandstone
sb20-87-30ddd	8,453.0	8,454.0	321TSLP	0.9	0.100000	Fine- to medium-grained, limy sandstone
sb20-87-30ddd	8,454.0	8,455.0	321TSLP	0.9	0.000000	Fine- to medium-grained, limy sandstone
sb20-87-30ddd	8,455.0	8,456.0	321TSLP	1.4	0.100000	Fine- to medium-grained, limy sandstone
sb20-87-30ddd	8,456.0	8,457.0	321TSLP	0.6	0.000000	Fine- to medium-grained, limy sandstone
sb20-87-30ddd	8,457.0	8,458.0	321TSLP	0.8	0.000000	Fine- to medium-grained, limy sandstone
sb20-87-30ddd	8,458.0	8,459.0	321TSLP	1.0	0.000000	Fine- to medium-grained, limy sandstone
sb20-87-30ddd	8,459.0	8,460.0	321TSLP	1.2	0.000000	Fine- to medium-grained, limy sandstone
sb20-87-30ddd	8,460.0	8,461.0	321TSLP	1.0	0.000000	Fine- to medium-grained, limy sandstone
sb20-87-30ddd	8,461.0	8,462.0	321TSLP	1.9	0.000000	Fine- to medium-grained, limy sandstone
sb20-87-30ddd	8,462.0	8,463.0	321TSLP	1.1	0.000000	Fine- to medium-grained, limy sandstone
sb20-87-30ddd	8,463.0	8,464.0	321TSLP	0.7	0.000000	Fossiliferous, finely crystalline limestone breccia
sb20-87-30ddd	8,464.0	8,465.0	321TSLP	0.9	0.000000	Fossiliferous, finely crystalline limestone breccia
sb20-87-30ddd	8,465.0	8,466.0	321TSLP	0.6	0.000000	Fossiliferous, finely crystalline limestone breccia
sb20-87-30ddd	8,466.0	8,467.0	321TSLP	0.9	0.000000	Fossiliferous, finely crystalline limestone breccia
sb20-87-30ddd	8,467.0	8,468.0	321TSLP	0.8	0.000000	Fine-grained, quartzitic sandstone
sb20-87-30ddd	8,468.0	8,469.0	321TSLP	0.8	0.000000	Fine-grained, quartzitic sandstone
sb20-87-30ddd	8,469.0	8,470.0	321TSLP	1.0	0.000000	Fine-grained, quartzitic sandstone
			AVERAGE--	1.7	0.155439	
SITE AVERAGE-----				1.7	0.155439	
sb23-115-28dca	4,742.0	4,743.0	317PSPR	0.9	0.170000	Fine-grained, quartzitic sandstone
sb23-115-28dca	4,743.0	4,744.0	317PSPR	1.6	0.020000	Fine-grained, quartzitic sandstone
sb23-115-28dca	4,744.0	4,745.0	317PSPR	1.9	0.010000	Fine-grained, quartzitic sandstone
sb23-115-28dca	4,745.0	4,746.0	317PSPR	1.4	0.010000	Fine grained quartzitic sandstone
sb23-115-28dca	4,746.0	4,747.0	317PSPR	1.0	0.010000	Fine grained quartzitic sandstone
sb23-115-28dca	4,747.0	4,748.0	317PSPR	1.1	0.010000	Anhydritic, fine-grained, quartzitic sandstone
sb23-115-28dca	4,748.0	4,749.0	317PSPR	0.8	0.010000	Anhydritic, fine-grained, quartzitic sandstone
sb23-115-28dca	4,749.0	4,750.0	317PSPR	0.7	0.010000	Anhydritic, fine-grained, quartzitic sandstone
sb23-115-28dca	4,752.0	4,753.0	317PSPR	1.1	0.010000	Anhydritic, finely crystalline dolomite
sb23-115-28dca	4,753.0	4,754.0	317PSPR	1.0	0.010000	Finely crystalline dolomite
sb23-115-28dca	4,754.0	4,755.0	317PSPR	0.7	0.010000	Shaly, finely crystalline dolomite
sb23-115-28dca	4,755.0	4,756.0	317PSPR	0.9	0.010000	Anhydritic, finely crystalline dolomite
sb23-115-28dca	4,756.0	4,757.0	317PSPR	0.7	0.010000	Fine-grained, quartzitic and dolomitic sandstone
sb23-115-28dca	4,757.0	4,758.0	317PSPR	2.9	0.010000	Anhydritic, finely crystalline dolomite
sb23-115-28dca	4,758.0	4,759.0	317PSPR	1.2	0.010000	Fine-grained, anhydritic, dolomitic sandstone
sb23-115-28dca	4,760.0	4,761.0	317PSPR	2.5	0.010000	Fine-grained, quartzitic and dolomitic sandstone
sb23-115-28dca	4,761.0	4,762.0	317PSPR	0.7	0.010000	Finely crystalline dolomite
sb23-115-28dca	4,762.0	4,763.0	317PSPR	1.0	0.010000	Anhydritic, finely crystalline dolomite
sb23-115-28dca	4,763.0	4,764.0	317PSPR	2.2	0.010000	Finely crystalline dolomite
sb23-115-28dca	4,766.0	4,767.0	317PSPR	1.6	0.010000	Anhydritic, finely crystalline, limy dolomite
sb23-115-28dca	4,767.0	4,768.0	317PSPR	2.1	0.010000	Finely crystalline dolomite
sb23-115-28dca	4,768.0	4,769.0	317PSPR	4.5	0.010000	Finely crystalline dolomite
sb23-115-28dca	4,769.0	4,770.0	317PSPR	1.3	0.010000	Finely crystalline dolomite
sb23-115-28dca	4,771.0	4,772.0	317PSPR	1.0	0.010000	Finely crystalline dolomite
sb23-115-28dca	4,772.0	4,773.0	317PSPR	2.2	0.010000	Finely crystalline dolomite

Table 4.--Laboratory-determined porosity and permeability--Continued

Site	Depth to top (feet)	Depth to bottom (feet)	Formation	Porosity (percent)	Permeability (millidarcies)	Lithology
sb23-115-28dca	4,774.0	4,775.0	317PSPR	1.8	0.010000	Finely crystalline, limy dolomite
sb23-115-28dca	4,780.0	4,781.0	317PSPR	1.4	0.010000	Finely crystalline dolomite
sb23-115-28dca	4,781.0	4,782.0	317PSPR	1.8	0.010000	Finely crystalline dolomite
sb23-115-28dca	4,783.0	4,784.0	317PSPR	3.8	0.010000	Finely crystalline dolomite
sb23-115-28dca	4,784.0	4,785.0	317PSPR	5.2	0.010000	Finely crystalline dolomite
AVERAGE--				1.7	0.015667	
SITE AVERAGE-----				1.7	0.015667	
sb24-87-01bcd	6,290.0	6,291.0	321TSLP	1.1	0.000000	Fine-grained, quartzitic and dolomitic sandstone
sb24-87-01bcd	6,291.0	6,292.0	321TSLP	3.1	0.000000	Fine-grained, quartzitic and dolomitic sandstone
sb24-87-01bcd	6,292.0	6,293.0	321TSLP	4.4	0.000000	Fine-grained, quartzitic and dolomitic sandstone
sb24-87-01bcd	6,293.0	6,294.0	321TSLP	5.1	0.000000	Fine-grained, quartzitic and dolomitic sandstone
sb24-87-01bcd	6,294.0	6,295.0	321TSLP	3.6	0.000000	Fine-grained, quartzitic and dolomitic sandstone
sb24-87-01bcd	6,295.0	6,296.0	321TSLP	2.3	0.000000	Fine-grained, quartzitic and dolomitic sandstone
sb24-87-01bcd	6,296.0	6,297.0	321TSLP	1.4	0.000000	Fine-grained, quartzitic and dolomitic sandstone
sb24-87-01bcd	6,297.0	6,298.0	321TSLP	2.6	0.000000	Fine-grained, quartzitic and dolomitic sandstone
sb24-87-01bcd	6,298.0	6,299.0	321TSLP	2.8	0.000000	Fine-grained, quartzitic and dolomitic sandstone
sb24-87-01bcd	6,299.0	6,300.0	321TSLP	1.4	0.000000	Fine-grained, quartzitic and dolomitic sandstone
sb24-87-01bcd	6,300.0	6,301.0	321TSLP	4.9	0.000000	Fine-grained, quartzitic and dolomitic sandstone
sb24-87-01bcd	6,301.0	6,302.0	321TSLP	4.4	0.000000	Fine-grained, quartzitic and dolomitic sandstone
sb24-87-01bcd	6,302.0	6,303.0	321TSLP	2.6	0.000000	Fine-grained, quartzitic and dolomitic sandstone
sb24-87-01bcd	6,303.0	6,304.0	321TSLP	2.8	0.000000	Fine-grained, quartzitic and dolomitic sandstone
sb24-87-01bcd	6,304.0	6,305.0	321TSLP	4.6	0.000000	Fine-grained, quartzitic and dolomitic sandstone
sb24-87-01bcd	6,305.0	6,306.0	321TSLP	4.3	0.000000	Fine-grained, quartzitic and dolomitic sandstone
sb24-87-01bcd	6,306.0	6,307.0	321TSLP	3.6	0.000000	Fine-grained, quartzitic and dolomitic sandstone
sb24-87-01bcd	6,307.0	6,308.0	321TSLP	3.0	0.000000	Fine-grained, quartzitic and dolomitic sandstone
sb24-87-01bcd	6,308.0	6,309.0	321TSLP	3.9	0.000000	Fine-grained, quartzitic and dolomitic sandstone
sb24-87-01bcd	6,309.0	6,310.0	321TSLP	3.6	0.000000	Fine-grained, quartzitic and dolomitic sandstone
sb24-87-01bcd	6,310.0	6,311.0	321TSLP	2.2	0.000000	Fine-grained, quartzitic and dolomitic sandstone
sb24-87-01bcd	6,311.0	6,312.0	321TSLP	1.2	0.000000	Fine-grained, quartzitic and dolomitic sandstone
sb24-87-01bcd	6,312.0	6,313.0	321TSLP	3.4	0.000000	Fine-grained, quartzitic and dolomitic sandstone
sb24-87-01bcd	6,324.0	6,325.0	321TSLP	4.9	0.170000	Vuggy, fine- to medium-crystalline dolomite
sb24-87-01bcd	6,326.0	6,327.0	321TSLP	4.0	0.000000	Fine-grained, quartzitic and dolomitic sandstone
sb24-87-01bcd	6,327.0	6,328.0	321TSLP	3.5	0.000000	Fine-grained, quartzitic and dolomitic sandstone
sb24-87-01bcd	6,332.0	6,333.0	321TSLP	3.6	0.000000	Fine-grained, quartzitic and dolomitic sandstone
AVERAGE--				3.3	0.006296	
SITE AVERAGE-----				3.3	0.006296	
sb25-88-31dcd	5,065.0	5,066.0	321TSLP	0.1	0.000000	Fine grained, limy sandstone
sb25-88-31dcd	5,066.0	5,067.0	321TSLP	2.3	0.020000	Fine grained, limy sandstone
sb25-88-31dcd	5,067.0	5,068.0	321TSLP	2.9	0.010000	Fine grained, limy sandstone
sb25-88-31dcd	5,068.0	5,069.0	321TSLP	5.9	0.430000	Fine grained, limy sandstone
sb25-88-31dcd	5,069.0	5,070.0	321TSLP	4.9	0.110000	Fine grained, limy sandstone
sb25-88-31dcd	5,070.0	5,071.0	321TSLP	6.4	0.300000	Fine grained, limy sandstone
sb25-88-31dcd	5,071.0	5,072.0	321TSLP	4.3	0.110000	Fine grained, limy sandstone
sb25-88-31dcd	5,072.0	5,073.0	321TSLP	3.8	0.040000	Fine-grained, limy sandstone
sb25-88-31dcd	5,073.0	5,074.0	321TSLP	4.1	0.020000	Fine-grained, limy sandstone
sb25-88-31dcd	5,074.0	5,075.0	321TSLP	7.5	0.840000	Fine-grained, limy sandstone
sb25-88-31dcd	5,075.0	5,076.0	321TSLP	5.3	0.080000	Fine-grained, limy sandstone
sb25-88-31dcd	5,076.0	5,077.0	321TSLP	3.3	0.000000	Fine-grained, limy sandstone
sb25-88-31dcd	5,077.0	5,078.0	321TSLP	2.3	0.000000	Fine-grained, limy sandstone
sb25-88-31dcd	5,078.0	5,079.0	321TSLP	2.0	0.000000	Fine-grained, limy sandstone
sb25-88-31dcd	5,079.0	5,080.0	321TSLP	1.9	0.000000	Fine-grained, quartzitic sandstone

Table 4.--Laboratory-determined porosity and permeability--Continued

Site	Depth to top (feet)	Depth to bottom (feet)	Formation	Porosity (percent)	Permeability (millidarcies)	Lithology
sb25-88-31dcd	5,080.0	5,081.0	321TSLP	2.1	0.000000	Fine-grained, quartzitic sandstone
sb25-88-31dcd	5,081.0	5,082.0	321TSLP	1.9	0.010000	Fine-grained, quartzitic sandstone
sb25-88-31dcd	5,082.0	5,083.0	321TSLP	2.2	0.010000	Fine-grained, quartzitic sandstone
sb25-88-31dcd	5,083.0	5,084.0	321TSLP	0.9	0.000000	Fine-grained, quartzitic sandstone
sb25-88-31dcd	5,084.0	5,085.0	321TSLP	0.2	0.000000	Fine-grained, quartzitic sandstone
sb25-88-31dcd	5,085.0	5,086.0	321TSLP	3.0	0.000000	Fine-grained, quartzitic sandstone
sb25-88-31dcd	5,086.0	5,087.0	321TSLP	4.0	0.020000	Fine-grained, quartzitic sandstone
sb25-88-31dcd	5,087.0	5,088.0	321TSLP	4.4	0.020000	Fine-grained, quartzitic sandstone
sb25-88-31dcd	5,088.0	5,089.0	321TSLP	3.2	0.000000	Fine-grained, quartzitic sandstone
sb25-88-31dcd	5,089.0	5,090.0	321TSLP	1.4	0.000000	Fine-grained, quartzitic sandstone
sb25-88-31dcd	5,090.0	5,091.0	321TSLP	2.9	0.000000	Fine-grained, quartzitic sandstone
sb25-88-31dcd	5,091.0	5,092.0	321TSLP	2.3	0.000000	Fine-grained, quartzitic sandstone
sb25-88-31dcd	5,092.0	5,093.0	321TSLP	3.3	0.010000	Fine-grained, quartzitic sandstone
sb25-88-31dcd	5,093.0	5,094.0	321TSLP	2.8	0.000000	Fine-grained, quartzitic sandstone
sb25-88-31dcd	5,094.0	5,095.0	321TSLP	3.9	0.000000	Fine-grained, quartzitic sandstone
sb25-88-31dcd	5,095.0	5,096.0	321TSLP	2.6	0.000000	Fine-grained, quartzitic sandstone
sb25-88-31dcd	5,096.0	5,097.0	321TSLP	2.8	0.010000	Fine-grained, quartzitic sandstone
sb25-88-31dcd	5,097.0	5,098.0	321TSLP	1.4	0.000000	Fractured, fine-grained, quartzitic sandstone
sb25-88-31dcd	5,098.0	5,099.0	321TSLP	3.0	0.000000	Fractured, fine-grained, quartzitic sandstone
sb25-88-31dcd	5,099.0	5,100.0	321TSLP	2.5	0.000000	Fractured, fine-grained, quartzitic sandstone
sb25-88-31dcd	5,100.0	5,101.0	321TSLP	1.7	0.000000	Fractured, fine-grained, quartzitic sandstone
sb25-88-31dcd	5,101.0	5,102.0	321TSLP	1.8	0.000000	Fine-grained, quartzitic sandstone
sb25-88-31dcd	5,102.0	5,103.0	321TSLP	2.1	0.000000	Fractured, fine-grained, quartzitic sandstone
AVERAGE--				3.0	0.053684	
SITE AVERAGE-----				3.0	0.053684	
sb26-87-30ddc	4,353.0	4,354.0	321TSLP	2.7	0.000000	Anhydrite
sb26-87-30ddc	4,354.0	4,355.0	321TSLP	3.9	0.000000	Sandstone and anhydrite
sb26-87-30ddc	4,355.0	4,356.0	321TSLP	7.3	0.000000	Sandstone
sb26-87-30ddc	4,356.0	4,357.0	321TSLP	8.5	0.600000	Sandstone
sb26-87-30ddc	4,357.0	4,358.0	321TSLP	4.8	9.900000	Sandstone
sb26-87-30ddc	4,358.0	4,359.0	321TSLP	9.2	2.000000	Sandstone
sb26-87-30ddc	4,359.0	4,360.0	321TSLP	11.0	16.000000	Sandstone
sb26-87-30ddc	4,360.0	4,361.0	321TSLP	8.4	2.000000	Sandstone
sb26-87-30ddc	4,361.0	4,362.0	321TSLP	7.2	1.200000	Sandstone
sb26-87-30ddc	4,362.0	4,363.0	321TSLP	8.7	1.200000	Sandstone
sb26-87-30ddc	4,363.0	4,364.0	321TSLP	8.8	1.500000	Sandstone
sb26-87-30ddc	4,364.0	4,365.0	321TSLP	9.3	1.200000	Sandstone
sb26-87-30ddc	4,365.0	4,366.0	321TSLP	9.2	0.200000	Sandstone
sb26-87-30ddc	4,366.0	4,367.0	321TSLP	9.2	0.000000	Sandstone
sb26-87-30ddc	4,367.0	4,368.0	321TSLP	8.7	0.200000	Sandstone
sb26-87-30ddc	4,368.0	4,369.0	321TSLP	8.5	0.000000	Fine-grained sandstone
sb26-87-30ddc	4,369.0	4,370.0	321TSLP	8.1	0.000000	Fine-grained sandstone
sb26-87-30ddc	4,370.0	4,371.0	321TSLP	7.2	0.000000	Anhydritic, fine-grained sandstone
sb26-87-30ddc	4,371.0	4,372.0	321TSLP	5.7	0.000000	Anhydritic, fine-grained sandstone
sb26-87-30ddc	4,372.0	4,373.0	321TSLP	4.5	0.000000	Anhydritic, fine-grained sandstone
sb26-87-30ddc	4,373.0	4,374.0	321TSLP	4.9	0.000000	Anhydritic, fine-grained sandstone
sb26-87-30ddc	4,374.0	4,375.0	321TSLP	3.8	0.000000	Anhydritic, fine-grained sandstone
sb26-87-30ddc	4,385.0	4,386.0	321TSLP	8.0	0.200000	Fine-grained sandstone
sb26-87-30ddc	4,386.0	4,387.0	321TSLP	9.6	0.600000	Fine-grained sandstone
sb26-87-30ddc	4,387.0	4,388.0	321TSLP	4.2	0.000000	Fine-grained sandstone

Table 4.--Laboratory-determined porosity and permeability--Continued

Site	Depth to top (feet)	Depth to bottom (feet)	Formation	Porosity (percent)	Permeability (millidarcies)	Lithology
sb26-87-30ddc	4,388.0	4,389.0	321TSLP	8.6	0.000000	Fine-grained sandstone
sb26-87-30ddc	4,389.0	4,390.0	321TSLP	7.2	0.000000	Fine-grained sandstone
sb26-87-30ddc	4,390.0	4,391.0	321TSLP	7.1	0.000000	Fine-grained sandstone
sb26-87-30ddc	4,391.0	4,392.0	321TSLP	8.7	0.000000	Fine-grained sandstone
sb26-87-30ddc	4,392.0	4,393.0	321TSLP	8.8	0.000000	Fine-grained sandstone
sb26-87-30ddc	4,393.0	4,394.0	321TSLP	5.8	0.000000	Fine-grained sandstone
sb26-87-30ddc	4,394.0	4,395.0	321TSLP	4.0	0.000000	Fine-grained sandstone
sb26-87-30ddc	4,395.0	4,396.0	321TSLP	3.7	0.000000	Fine-grained sandstone
sb26-87-30ddc	4,396.0	4,397.0	321TSLP	4.0	0.000000	Fine-grained sandstone
sb26-87-30ddc	4,397.0	4,398.0	321TSLP	4.0	0.000000	Fine-grained sandstone
sb26-87-30ddc	4,398.0	4,399.0	321TSLP	3.5	0.000000	Fine-grained sandstone
sb26-87-30ddc	4,399.0	4,400.0	321TSLP	5.5	0.000000	Fine-grained sandstone
sb26-87-30ddc	4,400.0	4,401.0	321TSLP	6.1	0.000000	Fine-grained sandstone
sb26-87-30ddc	4,401.0	4,402.0	321TSLP	3.7	0.000000	Fine-grained sandstone
sb26-87-30ddc	4,402.0	4,403.0	321TSLP	3.1	0.000000	Fine-grained sandstone
sb26-87-30ddc	4,403.0	4,404.0	321TSLP	2.7	0.000000	Friable, fine- to medium-grained sandstone
sb26-87-30ddc	4,404.0	4,405.0	321TSLP	6.0	0.000000	Friable, fine- to medium-grained sandstone
sb26-87-30ddc	4,405.0	4,406.0	321TSLP	5.3	0.000000	Friable, fine- to medium-grained sandstone
sb26-87-30ddc	4,406.0	4,407.0	321TSLP	4.0	0.000000	Friable, fine- to medium-grained sandstone
sb26-87-30ddc	4,407.0	4,408.0	321TSLP	6.0	0.000000	Fine-grained sandstone
sb26-87-30ddc	4,408.0	4,409.0	321TSLP	7.8	0.000000	Fine-grained sandstone
sb26-87-30ddc	4,409.0	4,410.0	321TSLP	9.5	0.300000	Fine-grained sandstone
sb26-87-30ddc	4,410.0	4,411.0	321TSLP	8.9	1.500000	Fine-grained sandstone
sb26-87-30ddc	4,411.0	4,412.0	321TSLP	6.0	1.400000	Fine-grained sandstone
sb26-87-30ddc	4,412.0	4,413.0	321TSLP	6.4	0.100000	Fine-grained sandstone
sb26-87-30ddc	4,413.0	4,414.0	321TSLP	6.7	0.000000	Sandstone
sb26-87-30ddc	4,414.0	4,415.0	321TSLP	6.9	1.100000	Sandstone
sb26-87-30ddc	4,416.0	4,417.0	321TSLP	10.7	3.000000	Fine-grained sandstone
sb26-87-30ddc	4,417.0	4,418.0	321TSLP	10.4	3.300000	Fine-grained sandstone
sb26-87-30ddc	4,418.0	4,419.0	321TSLP	10.4	2.500000	Fine-grained sandstone
sb26-87-30ddc	4,419.0	4,420.0	321TSLP	8.9	0.900000	Fine-grained sandstone
sb26-87-30ddc	4,420.0	4,421.0	321TSLP	10.1	1.500000	Fine-grained sandstone
sb26-87-30ddc	4,421.0	4,422.0	321TSLP	9.3	1.100000	Fine-grained sandstone
sb26-87-30ddc	4,422.0	4,423.0	321TSLP	10.0	1.400000	Fine-grained sandstone
sb26-87-30ddc	4,423.0	4,424.0	321TSLP	7.0	0.000000	Fine-grained sandstone
sb26-87-30ddc	4,424.0	4,425.0	321TSLP	5.9	0.000000	Fine-grained sandstone
sb26-87-30ddc	4,425.0	4,426.0	321TSLP	7.1	0.000000	Fine-grained sandstone
sb26-87-30ddc	4,426.0	4,427.0	321TSLP	10.4	2.500000	Fine-grained sandstone
sb26-87-30ddc	4,427.0	4,428.0	321TSLP	8.4	1.200000	Fine-grained sandstone
sb26-87-30ddc	4,428.0	4,429.0	321TSLP	9.0	4.100000	Shaly, fine-grained sandstone
sb26-87-30ddc	4,429.0	4,430.0	321TSLP	8.2	3.000000	Shaly, fine-grained sandstone
sb26-87-30ddc	4,430.0	4,431.0	321TSLP	9.8	6.400000	Shaly, fine-grained sandstone
sb26-87-30ddc	4,431.0	4,432.0	321TSLP	9.8	6.100000	Shaly, fine- to medium-grained sandstone
sb26-87-30ddc	4,432.0	4,433.0	321TSLP	7.8	1.800000	Shaly, fine- to medium-grained sandstone
sb26-87-30ddc	4,433.0	4,434.0	321TSLP	6.0	0.000000	Shaly, fine- to medium-grained sandstone
sb26-87-30ddc	4,434.0	4,435.0	321TSLP	5.1	0.000000	Shaly, fine-grained sandstone
sb26-87-30ddc	4,435.0	4,436.0	321TSLP	6.0	0.000000	Shaly, fine-grained sandstone
sb26-87-30ddc	4,436.0	4,437.0	321TSLP	5.9	0.000000	Fine-grained sandstone
sb26-87-30ddc	4,437.0	4,438.0	321TSLP	5.9	0.000000	Fine-grained sandstone
sb26-87-30ddc	4,438.0	4,439.0	321TSLP	7.0	0.000000	Fine-grained sandstone

Table 4.--Laboratory-determined porosity and permeability--Continued

Site	Depth to top (feet)	Depth to bottom (feet)	Formation	Porosity (percent)	Permeability (millidarcies)	Lithology
sb26-87-30ddc	4,439.0	4,440.0	321TSLP	7.2	0.000000	Fine-grained sandstone
sb26-87-30ddc	4,440.0	4,441.0	321TSLP	7.6	0.000000	Fine-grained sandstone
sb26-87-30ddc	4,441.0	4,442.0	321TSLP	7.5	0.000000	Fine-grained sandstone
sb26-87-30ddc	4,442.0	4,443.0	321TSLP	7.1	0.000000	Fine-grained sandstone
sb26-87-30ddc	4,443.0	4,444.0	321TSLP	8.9	0.000000	Fine-grained sandstone
sb26-87-30ddc	4,444.0	4,445.0	321TSLP	7.3	0.000000	Fine-grained sandstone
sb26-87-30ddc	4,445.0	4,446.0	321TSLP	8.3	0.000000	Fractured, fine-grained sandstone
sb26-87-30ddc	4,446.0	4,447.0	321TSLP	10.5	1.300000	Friable, fine-grained sandstone
sb26-87-30ddc	4,447.0	4,448.0	321TSLP	11.1	2.900000	Friable, fine-grained sandstone
sb26-87-30ddc	4,448.0	4,449.0	321TSLP	11.1	3.500000	Friable, fine-grained sandstone
sb26-87-30ddc	4,449.0	4,450.0	321TSLP	12.1	12.000000	Friable, fine-grained sandstone
sb26-87-30ddc	4,450.0	4,451.0	321TSLP	14.0	30.000000	Friable, fine-grained sandstone
sb26-87-30ddc	4,451.0	4,452.0	321TSLP	14.6	17.000000	Friable, fine-grained sandstone
sb26-87-30ddc	4,452.0	4,453.0	321TSLP	13.7	28.000000	Friable, fine-grained sandstone
sb26-87-30ddc	4,453.0	4,454.0	321TSLP	6.7	0.000000	Friable, fine-grained sandstone
sb26-87-30ddc	4,454.0	4,455.0	321TSLP	11.9	11.000000	Friable, fine-grained sandstone
sb26-87-30ddc	4,455.0	4,456.0	321TSLP	7.9	1.000000	Friable, fine-grained sandstone
sb26-87-30ddc	4,456.0	4,457.0	321TSLP	9.2	0.700000	Friable, fine-grained sandstone
sb26-87-30ddc	4,457.0	4,458.0	321TSLP	9.5	0.900000	Friable, fine-grained sandstone
sb26-87-30ddc	4,458.0	4,459.0	321TSLP	10.2	6.200000	Fine- to medium-grained sandstone
sb26-87-30ddc	4,459.0	4,460.0	321TSLP	9.9	2.500000	Fine- to medium-grained sandstone
sb26-87-30ddc	4,460.0	4,461.0	321TSLP	11.8	9.100000	Sandstone
sb26-87-30ddc	4,461.0	4,462.0	321TSLP	10.5	4.900000	Sandstone
sb26-87-30ddc	4,462.0	4,463.0	321TSLP	12.4	14.000000	Fine-grained sandstone
sb26-87-30ddc	4,463.0	4,464.0	321TSLP	12.1	10.000000	Fine-grained sandstone
sb26-87-30ddc	4,477.0	4,478.0	321TSLP	4.1	0.000000	Fine-grained sandstone
sb26-87-30ddc	4,478.0	4,479.0	321TSLP	6.0	0.000000	Fine-grained sandstone
sb26-87-30ddc	4,479.0	4,480.0	321TSLP	5.8	0.000000	Fine-grained sandstone
sb26-87-30ddc	4,480.0	4,481.0	321TSLP	4.3	0.000000	Fine-grained sandstone
sb26-87-30ddc	4,481.0	4,482.0	321TSLP	6.8	0.400000	Fine-grained sandstone
sb26-87-30ddc	4,482.0	4,483.0	321TSLP	7.1	0.400000	Shaly, fine-grained sandstone
sb26-87-30ddc	4,483.0	4,484.0	321TSLP	8.1	1.200000	Fine-grained sandstone
sb26-87-30ddc	4,484.0	4,485.0	321TSLP	7.0	0.000000	Fine-grained sandstone
sb26-87-30ddc	4,485.0	4,486.0	321TSLP	8.5	2.400000	Fine-grained sandstone
sb26-87-30ddc	4,486.0	4,487.0	321TSLP	9.2	4.100000	Friable, fine-grained sandstone
sb26-87-30ddc	4,487.0	4,488.0	321TSLP	11.0	14.000000	Friable, fine-grained sandstone
sb26-87-30ddc	4,488.0	4,489.0	321TSLP	10.7	25.000000	Fine-grained sandstone
sb26-87-30ddc	4,489.0	4,490.0	321TSLP	8.0	1.600000	Fine-grained sandstone
sb26-87-30ddc	4,490.0	4,491.0	321TSLP	8.7	2.700000	Fine-grained sandstone
sb26-87-30ddc	4,491.0	4,492.0	321TSLP	10.1	12.000000	Fine-grained sandstone
sb26-87-30ddc	4,498.0	4,499.0	321TSLP	8.3	2.900000	Fine-grained sandstone
sb26-87-30ddc	4,499.0	4,500.0	321TSLP	7.7	1.300000	Fine-grained sandstone
sb26-87-30ddc	4,500.0	4,501.0	321TSLP	7.4	0.900000	Fine-grained sandstone
sb26-87-30ddc	4,501.0	4,502.0	321TSLP	6.0	0.000000	Fine-grained sandstone
sb26-87-30ddc	4,502.0	4,503.0	321TSLP	8.7	5.200000	Fine-grained sandstone
sb26-87-30ddc	4,503.0	4,504.0	321TSLP	8.9	3.600000	Fine-grained sandstone
sb26-87-30ddc	4,504.0	4,505.0	321TSLP	5.7	0.000000	Fine-grained sandstone
sb26-87-30ddc	4,505.0	4,506.0	321TSLP	7.4	1.700000	Fine-grained sandstone
sb26-87-30ddc	4,506.0	4,507.0	321TSLP	3.8	0.000000	Fine-grained sandstone
sb26-87-30ddc	4,507.0	4,508.0	321TSLP	10.5	4.400000	Fine-grained sandstone

Table 4.--Laboratory-determined porosity and permeability--Continued

Site	Depth to top (feet)	Depth to bottom (feet)	Formation	Porosity (percent)	Permeability (millidarcies)	Lithology
sb26-87-30ddc	4,508.0	4,509.0	321TSLP	8.6	0.700000	Fine-grained sandstone
sb26-87-30ddc	4,509.0	4,510.0	321TSLP	7.5	0.700000	Fine-grained sandstone
sb26-87-30ddc	4,510.0	4,511.0	321TSLP	5.5	0.000000	Fine-grained sandstone
sb26-87-30ddc	4,518.0	4,519.0	321TSLP	6.8	0.000000	Fine-grained sandstone
sb26-87-30ddc	4,519.0	4,520.0	321TSLP	5.9	0.000000	Fine-grained sandstone
sb26-87-30ddc	4,520.0	4,521.0	321TSLP	6.1	0.000000	Fine-grained sandstone
sb26-87-30ddc	4,521.0	4,522.0	321TSLP	6.0	0.000000	Fine-grained sandstone
sb26-87-30ddc	4,522.0	4,523.0	321TSLP	5.8	0.000000	Fine-grained sandstone
sb26-87-30ddc	4,523.0	4,524.0	321TSLP	6.3	0.000000	Fine-grained sandstone
sb26-87-30ddc	4,524.0	4,525.0	321TSLP	4.5	0.000000	Fine-grained sandstone
sb26-87-30ddc	4,525.0	4,526.0	321TSLP	5.2	0.000000	Fine-grained sandstone
sb26-87-30ddc	4,526.0	4,527.0	321TSLP	3.2	0.000000	Fine-grained sandstone
sb26-87-30ddc	4,527.0	4,528.0	321TSLP	5.8	0.000000	Fine-grained sandstone
sb26-87-30ddc	4,528.0	4,529.0	321TSLP	3.4	0.000000	Fine-grained sandstone
sb26-87-30ddc	4,529.0	4,530.0	321TSLP	1.4	0.000000	Fine-grained sandstone
sb26-87-30ddc	4,530.0	4,531.0	321TSLP	3.9	0.000000	Fine-grained sandstone
sb26-87-30ddc	4,531.0	4,532.0	321TSLP	3.5	0.000000	Fine-grained sandstone
sb26-87-30ddc	4,532.0	4,533.0	321TSLP	4.4	0.000000	Fine-grained sandstone
sb26-87-30ddc	4,533.0	4,534.0	321TSLP	3.7	0.000000	Fine-grained sandstone
sb26-87-30ddc	4,534.0	4,535.0	321TSLP	4.8	0.000000	Fine-grained sandstone
sb26-87-30ddc	4,535.0	4,536.0	321TSLP	4.1	0.000000	Shaly, fine-grained sandstone
sb26-87-30ddc	4,536.0	4,537.0	321TSLP	4.1	0.000000	Shaly, fine-grained sandstone
sb26-87-30ddc	4,537.0	4,538.0	321TSLP	6.2	0.000000	Shaly, fine-grained sandstone
sb26-87-30ddc	4,538.0	4,539.0	321TSLP	4.9	0.000000	Shaly, fine-grained sandstone
sb26-87-30ddc	4,539.0	4,540.0	321TSLP	6.2	0.000000	Shaly, fine-grained sandstone
sb26-87-30ddc	4,540.0	4,541.0	321TSLP	5.2	0.000000	Shaly, fine-grained sandstone
sb26-87-30ddc	4,541.0	4,542.0	321TSLP	4.4	0.000000	Fine-grained sandstone
sb26-87-30ddc	4,542.0	4,543.0	321TSLP	5.2	0.000000	Fine-grained sandstone
sb26-87-30ddc	4,543.0	4,544.0	321TSLP	6.3	0.000000	Shaly, fine-grained sandstone
sb26-87-30ddc	4,544.0	4,545.0	321TSLP	3.7	0.000000	Shaly, fine-grained sandstone
sb26-87-30ddc	4,546.0	4,547.0	321TSLP	4.0	0.000000	Shaly, fine-grained sandstone
AVERAGE--				7.2	2.052564	
SITE AVERAGE-----				7.2	2.052564	
sb26-87-32bbb	4,432.0	4,433.0	321TSLP	2.8	0.000000	Friable, fine-grained sandstone
sb26-87-32bbb	4,433.0	4,434.0	321TSLP	7.3	1.700000	Friable, fine-grained sandstone
sb26-87-32bbb	4,434.0	4,435.0	321TSLP	4.9	0.000000	Friable, fine-grained sandstone
sb26-87-32bbb	4,435.0	4,436.0	321TSLP	4.9	0.000000	Fine-grained sandstone
sb26-87-32bbb	4,436.0	4,437.0	321TSLP	6.0	0.000000	Fine-grained sandstone
sb26-87-32bbb	4,437.0	4,438.0	321TSLP	4.3	0.000000	Fine-grained sandstone
sb26-87-32bbb	4,438.0	4,439.0	321TSLP	4.5	0.000000	Fine-grained sandstone
sb26-87-32bbb	4,439.0	4,440.0	321TSLP	9.2	1.300000	Fine-grained sandstone
sb26-87-32bbb	4,440.0	4,441.0	321TSLP	8.1	3.300000	Friable, fine-grained sandstone
sb26-87-32bbb	4,441.0	4,442.0	321TSLP	9.4	1.100000	Friable, fine-grained sandstone
sb26-87-32bbb	4,442.0	4,443.0	321TSLP	10.3	4.000000	Friable, fine-grained sandstone
sb26-87-32bbb	4,443.0	4,444.0	321TSLP	10.5	3.100000	Friable, fine-grained sandstone
sb26-87-32bbb	4,444.0	4,445.0	321TSLP	8.9	2.400000	Friable, fine-grained sandstone
sb26-87-32bbb	4,464.0	4,465.0	321TSLP	9.4	1.100000	Friable, fine-grained sandstone
sb26-87-32bbb	4,465.0	4,466.0	321TSLP	4.4	0.000000	Fine-grained, quartzitic sandstone



Table 4.--Laboratory-determined porosity and permeability--Continued

Site	Depth to top (feet)	Depth to bottom (feet)	Formation	Porosity (percent)	Permeability (millidarcies)	Lithology
sb26-87-32bbb	4,466.0	4,467.0	321TSLP	6.9	0.000000	Friable, fine-grained sandstone
sb26-87-32bbb	4,467.0	4,468.0	321TSLP	9.4	0.800000	Friable, fine-grained sandstone
sb26-87-32bbb	4,468.0	4,469.0	321TSLP	11.4	7.400000	Friable, fine-grained sandstone
sb26-87-32bbb	4,469.0	4,470.0	321TSLP	6.3	0.000000	Friable- to quartzitic, fine-grained sandstone
sb26-87-32bbb	4,470.0	4,471.0	321TSLP	10.1	0.300000	Fine-grained, quartzitic sandstone
sb26-87-32bbb	4,471.0	4,472.0	321TSLP	6.0	0.000000	Fine-grained, quartzitic sandstone
sb26-87-32bbb	4,472.0	4,473.0	321TSLP	5.8	0.000000	Fine-grained, quartzitic sandstone
sb26-87-32bbb	4,473.0	4,474.0	321TSLP	3.6	0.000000	Fine-grained, quartzitic sandstone
sb26-87-32bbb	4,474.0	4,475.0	321TSLP	8.3	1.100000	Fine-grained, quartzitic sandstone
sb26-87-32bbb	4,475.0	4,476.0	321TSLP	8.3	0.400000	Fine-grained, quartzitic sandstone
sb26-87-32bbb	4,476.0	4,477.0	321TSLP	8.6	0.800000	Fine-grained, quartzitic sandstone
sb26-87-32bbb	4,477.0	4,478.0	321TSLP	12.1	5.200000	Fine-grained, quartzitic sandstone
sb26-87-32bbb	4,478.0	4,479.0	321TSLP	7.8	0.200000	Fine-grained, quartzitic sandstone
sb26-87-32bbb	4,479.0	4,480.0	321TSLP	11.1	12.000000	Friable, fine-grained sandstone
sb26-87-32bbb	4,480.0	4,481.0	321TSLP	10.2	3.500000	Friable- to quartzitic, fine-grained sandstone
sb26-87-32bbb	4,481.0	4,482.0	321TSLP	9.6	3.000000	Friable- to quartzitic, fine-grained sandstone
sb26-87-32bbb	4,482.0	4,483.0	321TSLP	9.2	2.300000	Fine-grained, quartzitic sandstone
sb26-87-32bbb	4,483.0	4,484.0	321TSLP	7.6	1.000000	Friable- to quartzitic, fine-grained sandstone
sb26-87-32bbb	4,484.0	4,485.0	321TSLP	10.5	6.300000	Fine-grained sandstone
sb26-87-32bbb	4,485.0	4,486.0	321TSLP	10.1	4.300000	Fine-grained sandstone
sb26-87-32bbb	4,486.0	4,487.0	321TSLP	7.6	0.000000	Fine-grained sandstone
sb26-87-32bbb	4,487.0	4,488.0	321TSLP	10.5	5.600000	Fine-grained sandstone
sb26-87-32bbb	4,488.0	4,489.0	321TSLP	9.4	2.700000	Fine-grained sandstone
sb26-87-32bbb	4,489.0	4,490.0	321TSLP	9.9	5.000000	Shaly, fine-grained sandstone
sb26-87-32bbb	4,490.0	4,491.0	321TSLP	9.4	1.800000	Fine-grained sandstone
sb26-87-32bbb	4,491.0	4,492.0	321TSLP	11.4	10.000000	Shaly, fine- to medium-grained sandstone
sb26-87-32bbb	4,492.0	4,493.0	321TSLP	4.2	0.000000	Fine-grained, quartzitic sandstone
sb26-87-32bbb	4,493.0	4,494.0	321TSLP	5.5	0.000000	Fine-grained, quartzitic sandstone
sb26-87-32bbb	4,494.0	4,495.0	321TSLP	6.4	0.000000	Fine-grained, quartzitic sandstone
sb26-87-32bbb	4,495.0	4,496.0	321TSLP	8.5	0.600000	Fine-grained, quartzitic sandstone
sb26-87-32bbb	4,496.0	4,497.0	321TSLP	10.7	5.400000	Fine-grained, quartzitic sandstone
sb26-87-32bbb	4,497.0	4,498.0	321TSLP	11.7	14.000000	Fine-grained sandstone
sb26-87-32bbb	4,498.0	4,499.0	321TSLP	11.8	14.000000	Fine-grained sandstone
sb26-87-32bbb	4,499.0	4,500.0	321TSLP	11.2	8.200000	Fine-grained sandstone
sb26-87-32bbb	4,500.0	4,501.0	321TSLP	10.1	3.000000	Fine-grained sandstone
sb26-87-32bbb	4,501.0	4,502.0	321TSLP	9.5	1.900000	Friable, fine-grained sandstone
sb26-87-32bbb	4,502.0	4,503.0	321TSLP	9.2	1.900000	Friable, fine-grained sandstone
sb26-87-32bbb	4,503.0	4,504.0	321TSLP	8.5	1.700000	Fine-grained, quartzitic sandstone
sb26-87-32bbb	4,504.0	4,505.0	321TSLP	8.3	0.600000	Fine-grained, quartzitic sandstone
sb26-87-32bbb	4,505.0	4,506.0	321TSLP	8.6	1.100000	Fine-grained, quartzitic sandstone
sb26-87-32bbb	4,506.0	4,507.0	321TSLP	9.4	1.400000	Fine-grained, quartzitic sandstone
sb26-87-32bbb	4,507.0	4,508.0	321TSLP	8.6	1.000000	Fine-grained, quartzitic sandstone
sb26-87-32bbb	4,508.0	4,509.0	321TSLP	8.2	0.000000	Fine-grained sandstone
sb26-87-32bbb	4,514.0	4,515.0	321TSLP	10.9	4.300000	Friable, fine-grained sandstone
sb26-87-32bbb	4,520.0	4,521.0	321TSLP	10.9	4.200000	Fine-grained sandstone
sb26-87-32bbb	4,525.0	4,526.0	321TSLP	9.2	2.200000	Fine-grained sandstone
sb26-87-32bbb	4,530.0	4,531.0	321TSLP	11.2	7.800000	Fine-grained sandstone
sb26-87-32bbb	4,535.0	4,536.0	321TSLP	10.6	5.900000	Fine-grained sandstone
sb26-87-32bbb	4,540.0	4,541.0	321TSLP	9.6	3.300000	Fine-grained sandstone
sb26-87-32bbb	4,545.0	4,546.0	321TSLP	7.3	0.300000	Fine-grained sandstone

Table 4.--Laboratory-determined porosity and permeability--Continued

Site	Depth to top (feet)	Depth to bottom (feet)	Formation	Porosity (percent)	Permeability (millidarcies)	Lithology
sb26-87-32bbb	4,550.0	4,551.0	321TSLP	5.3	1.400000	Fine-grained sandstone
sb26-87-32bbb	4,555.0	4,556.0	321TSLP	8.5	1.000000	Fine- to medium-grained sandstone
sb26-87-32bbb	4,560.0	4,561.0	321TSLP	6.0	0.300000	Friable, fine-grained sandstone
sb26-87-32bbb	4,563.0	4,564.0	321TSLP	6.2	2.100000	Fine-grained sandstone
sb26-87-32bbb	4,565.0	4,566.0	321TSLP	2.1	0.100000	Fine- to medium-grained, quartzitic sandstone
AVERAGE--				8.3	2.562857	
SITE AVERAGE-----				8.3	2.562857	
sb26-89-17dba	7,317.0	7,318.0	321TSLP	0.5	0.010000	Limestone and sandstone
sb26-89-17dba	7,320.0	7,321.0	321TSLP	0.4	0.010000	Limestone and sandstone
sb26-89-17dba	7,321.0	7,322.0	321TSLP	0.3	0.010000	Limestone and sandstone
sb26-89-17dba	7,328.0	7,329.0	321TSLP	0.3	0.000000	Limestone and sandstone
sb26-89-17dba	7,329.0	7,330.0	321TSLP	1.1	0.000000	Sandstone
sb26-89-17dba	7,330.0	7,331.0	321TSLP	1.1	0.000000	Sandstone
sb26-89-17dba	7,331.0	7,332.0	321TSLP	1.0	0.000000	Sandstone
sb26-89-17dba	7,332.0	7,333.0	321TSLP	1.0	0.000000	Sandstone
sb26-89-17dba	7,333.0	7,334.0	321TSLP	1.1	0.000000	Sandstone
sb26-89-17dba	7,336.0	7,337.0	321TSLP	1.1	0.000000	Sandstone
sb26-89-17dba	7,337.0	7,338.0	321TSLP	1.0	0.000000	Sandstone
sb26-89-17dba	7,339.0	7,340.0	321TSLP	4.0	0.000000	Sandstone
sb26-89-17dba	7,340.0	7,341.0	321TSLP	1.2	0.000000	Sandstone
sb26-89-17dba	7,341.0	7,342.0	321TSLP	1.0	0.000000	Sandstone
sb26-89-17dba	7,342.0	7,343.0	321TSLP	1.0	0.000000	Sandstone
sb26-89-17dba	7,343.0	7,344.0	321TSLP	1.9	0.020000	Sandstone
sb26-89-17dba	7,344.0	7,345.0	321TSLP	2.1	0.010000	Sandstone
sb26-89-17dba	7,345.0	7,346.0	321TSLP	2.4	0.010000	Sandstone
sb26-89-17dba	7,346.0	7,347.0	321TSLP	2.1	0.000000	Sandstone
sb26-89-17dba	7,348.0	7,349.0	321TSLP	2.5	0.000000	Sandstone
sb26-89-17dba	7,349.0	7,350.0	321TSLP	2.4	0.000000	Sandstone
sb26-89-17dba	7,350.0	7,351.0	321TSLP	2.2	0.000000	Sandstone
sb26-89-17dba	7,351.0	7,352.0	321TSLP	1.7	0.000000	Sandstone
AVERAGE--				1.5	0.003043	
SITE AVERAGE-----				1.5	0.003043	
sb26-90-01cda	6,338.0	6,339.0	321TSLP	10.9	9.400000	Fine-grained sandstone
sb26-90-01cda	6,339.0	6,340.0	321TSLP	10.4	8.200000	Fine-grained sandstone
sb26-90-01cda	6,340.0	6,341.0	321TSLP	8.9	0.100000	Fine-grained sandstone
sb26-90-01cda	6,341.0	6,342.0	321TSLP	7.2	1.500000	Fine-grained sandstone
sb26-90-01cda	6,342.0	6,343.0	321TSLP	8.3	0.900000	Fine-grained sandstone
sb26-90-01cda	6,343.0	6,344.0	321TSLP	5.7	0.450000	Silty, fine-grained sandstone
sb26-90-01cda	6,344.0	6,345.0	321TSLP	3.0	0.020000	Fine-grained sandstone
sb26-90-01cda	6,345.0	6,346.0	321TSLP	1.8	0.040000	Fine-grained sandstone with siltstone laminae
sb26-90-01cda	6,346.0	6,347.0	321TSLP	3.3	0.050000	Fine-grained, cemented sandstone
sb26-90-01cda	6,347.0	6,348.0	321TSLP	3.4	0.080000	Fine-grained sandstone
sb26-90-01cda	6,348.0	6,349.0	321TSLP	4.3	0.050000	Fine-grained sandstone
sb26-90-01cda	6,349.0	6,350.0	321TSLP	6.4	0.120000	Fine-grained sandstone
sb26-90-01cda	6,350.0	6,351.0	321TSLP	8.0	0.870000	Fine-grained sandstone
sb26-90-01cda	6,351.0	6,352.0	321TSLP	8.4	0.160000	Fine-grained sandstone
sb26-90-01cda	6,352.0	6,353.0	321TSLP	8.2	0.740000	Fine-grained sandstone

Table 4.--Laboratory-determined porosity and permeability--Continued

Site	Depth to top (feet)	Depth to bottom (feet)	Formation	Porosity (percent)	Permeability (millidarcies)	Lithology
sb26-90-01cda	6,353.0	6,354.0	321TSLP	9.9	1.800000	Fine-grained sandstone
sb26-90-01cda	6,354.0	6,355.0	321TSLP	9.8	0.650000	Fine-grained sandstone
sb26-90-01cda	6,355.0	6,356.0	321TSLP	8.1	1.600000	Fine-grained, cemented sandstone
sb26-90-01cda	6,356.0	6,357.0	321TSLP	10.5	26.000000	Fine-grained sandstone
sb26-90-01cda	6,357.0	6,358.0	321TSLP	9.9	1.500000	Friable, fine-grained sandstone
sb26-90-01cda	6,358.0	6,359.0	321TSLP	4.2	2.400000	Fine-grained, cemented sandstone
sb26-90-01cda	6,359.0	6,360.0	321TSLP	1.8	0.040000	Fine-grained sandstone
sb26-90-01cda	6,360.0	6,361.0	321TSLP	2.3	0.060000	Fine-grained sandstone with siltstone laminae
sb26-90-01cda	6,361.0	6,362.0	321TSLP	2.3	0.080000	Fine-grained sandstone
sb26-90-01cda	6,362.0	6,363.0	321TSLP	2.9	0.050000	Fine-grained sandstone
sb26-90-01cda	6,363.0	6,364.0	321TSLP	4.9	0.040000	Fine-grained sandstone
sb26-90-01cda	6,364.0	6,365.0	321TSLP	6.8	0.900000	Fine-grained sandstone
sb26-90-01cda	6,365.0	6,366.0	321TSLP	6.2	0.200000	Fine-grained sandstone
sb26-90-01cda	6,366.0	6,367.0	321TSLP	4.4	0.090000	Fine-grained sandstone
sb26-90-01cda	6,367.0	6,368.0	321TSLP	9.4	3.600000	Fine-grained sandstone
sb26-90-01cda	6,368.0	6,369.0	321TSLP	5.6	0.030000	Fine-grained sandstone
sb26-90-01cda	6,369.0	6,370.0	321TSLP	6.0	0.040000	Dolomite
sb26-90-01cda	6,370.0	6,371.0	321TSLP	5.3	0.030000	Dolomite
sb26-90-01cda	6,371.0	6,372.0	321TSLP	4.3	0.040000	Fine-grained sandstone
sb26-90-01cda	6,372.0	6,373.0	321TSLP	8.4	1.600000	Fine-grained sandstone
sb26-90-01cda	6,373.0	6,374.0	321TSLP	4.7	0.250000	Fine-grained sandstone
sb26-90-01cda	6,374.0	6,375.0	321TSLP	10.5	0.120000	Fine-grained sandstone
sb26-90-01cda	6,375.0	6,376.0	321TSLP	14.4	13.000000	Fine-grained sandstone
sb26-90-01cda	6,376.0	6,377.0	321TSLP	13.1	3.600000	Fine-grained sandstone
sb26-90-01cda	6,377.0	6,378.0	321TSLP	8.0	0.050000	Fine-grained sandstone
sb26-90-01cda	6,378.0	6,379.0	321TSLP	10.9	0.650000	Fine-grained sandstone
sb26-90-01cda	6,379.0	6,380.0	321TSLP	10.3	3.700000	Fine-grained sandstone
sb26-90-01cda	6,380.0	6,381.0	321TSLP	4.9	0.060000	Fine-grained sandstone
sb26-90-01cda	6,381.0	6,382.0	321TSLP	8.8	1.800000	Fine-grained sandstone
sb26-90-01cda	6,382.0	6,383.0	321TSLP	12.0	5.100000	Fine-grained sandstone
sb26-90-01cda	6,383.0	6,384.0	321TSLP	17.1	36.000000	Fine-grained sandstone
sb26-90-01cda	6,384.0	6,385.0	321TSLP	17.4	51.000000	Fine-grained sandstone
sb26-90-01cda	6,385.0	6,386.0	321TSLP	17.3	50.000000	Fine-grained sandstone
sb26-90-01cda	6,386.0	6,387.0	321TSLP	16.7	0.830000	Fine-grained sandstone
sb26-90-01cda	6,387.0	6,388.0	321TSLP	12.9	0.240000	Fine-grained sandstone
sb26-90-01cda	6,388.0	6,389.0	321TSLP	9.4	0.100000	Fine-grained sandstone
sb26-90-01cda	6,389.0	6,390.0	321TSLP	15.8	8.900000	Fine-grained sandstone
sb26-90-01cda	6,390.0	6,391.0	321TSLP	13.6	8.400000	Fine-grained sandstone
sb26-90-01cda	6,391.0	6,392.0	321TSLP	22.5	327.000000	Fine-grained sandstone
sb26-90-01cda	6,392.0	6,393.0	321TSLP	24.0	330.000000	Fine-grained sandstone
sb26-90-01cda	6,393.0	6,394.0	321TSLP	21.6	305.000000	Fine-grained sandstone
sb26-90-01cda	6,394.0	6,395.0	321TSLP	19.2	107.000000	Fine-grained sandstone
sb26-90-01cda	6,395.0	6,396.0	321TSLP	19.7	177.000000	Fine-grained sandstone
sb26-90-01cda	6,396.0	6,397.0	321TSLP	17.7	161.000000	Fine-grained sandstone
sb26-90-01cda	6,397.0	6,398.0	321TSLP	17.3	96.000000	Fine-grained sandstone
sb26-90-01cda	6,398.0	6,399.0	321TSLP	17.5	67.000000	Fine-grained sandstone
sb26-90-01cda	6,399.0	6,400.0	321TSLP	16.7	174.000000	Fine-grained sandstone
sb26-90-01cda	6,400.0	6,401.0	321TSLP	18.4	133.000000	Fine-grained sandstone
sb26-90-01cda	6,401.0	6,402.0	321TSLP	17.8	130.000000	Fine-grained sandstone
sb26-90-01cda	6,402.0	6,403.0	321TSLP	17.6	116.000000	Fine-grained sandstone

Table 4.--Laboratory-determined porosity and permeability--Continued

Site	Depth to top (feet)	Depth to bottom (feet)	Formation	Porosity (percent)	Permeability (millidarcies)	Lithology
sb26-90-01cda	6,403.0	6,404.0	321TSLP	21.1	249.000000	Fine-grained sandstone
sb26-90-01cda	6,404.0	6,405.0	321TSLP	19.6	204.000000	Fine-grained sandstone
sb26-90-01cda	6,405.0	6,406.0	321TSLP	19.6	264.000000	Fine-grained sandstone
sb26-90-01cda	6,406.0	6,407.0	321TSLP	16.2	127.000000	Fine-grained sandstone
sb26-90-01cda	6,407.0	6,408.0	321TSLP	12.7	46.000000	Fine-grained sandstone
sb26-90-01cda	6,408.0	6,409.0	321TSLP	10.1	7.500000	Fine-grained sandstone
sb26-90-01cda	6,409.0	6,410.0	321TSLP	10.0	20.000000	Fine-grained sandstone
sb26-90-01cda	6,410.0	6,411.0	321TSLP	17.2	179.000000	Fine-grained sandstone
sb26-90-01cda	6,411.0	6,412.0	321TSLP	17.2	156.000000	Fine-grained sandstone
sb26-90-01cda	6,412.0	6,413.0	321TSLP	18.4	266.000000	Fine-grained sandstone
sb26-90-01cda	6,412.0	6,413.0	321TSLP	18.4	266.000000	Fine-grained sandstone
sb26-90-01cda	6,413.0	6,414.0	321TSLP	18.9	0.000000	Fine-grained sandstone
sb26-90-01cda	6,414.0	6,415.0	321TSLP	13.1	12.000000	Fine-grained sandstone
sb26-90-01cda	6,415.0	6,516.0	321TSLP	13.0	33.000000	Fine-grained sandstone
sb26-90-01cda	6,416.0	6,417.0	321TSLP	14.9	124.000000	Fine-grained sandstone
sb26-90-01cda	6,417.0	6,418.0	321TSLP	14.5	69.000000	Fine-grained sandstone
sb26-90-01cda	6,420.0	6,421.0	321TSLP	14.4	54.000000	Fine-grained sandstone
sb26-90-01cda	6,421.0	6,422.0	321TSLP	14.1	95.000000	Fine-grained sandstone
sb26-90-01cda	6,422.0	6,423.0	321TSLP	14.4	57.000000	Fine-grained sandstone
sb26-90-01cda	6,423.0	6,424.0	321TSLP	16.1	111.000000	Fine-grained sandstone
sb26-90-01cda	6,424.0	6,425.0	321TSLP	14.0	77.000000	Fine-grained sandstone
sb26-90-01cda	6,425.0	6,426.0	321TSLP	14.4	89.000000	Fine-grained sandstone
sb26-90-01cda	6,426.0	6,427.0	321TSLP	14.0	105.000000	Fine-grained sandstone
sb26-90-01cda	6,427.0	6,428.0	321TSLP	14.8	84.000000	Fine-grained sandstone
sb26-90-01cda	6,428.0	6,429.0	321TSLP	14.0	70.000000	Fine-grained sandstone
sb26-90-01cda	6,429.0	6,430.0	321TSLP	14.3	43.000000	Fine-grained sandstone
sb26-90-01cda	6,430.0	6,431.0	321TSLP	13.3	38.000000	Fine-grained sandstone
sb26-90-01cda	6,431.0	6,432.0	321TSLP	13.1	52.000000	Fine-grained sandstone
sb26-90-01cda	6,432.0	6,433.0	321TSLP	13.3	46.000000	Fine-grained sandstone
sb26-90-01cda	6,433.0	6,434.0	321TSLP	14.4	98.000000	Fine-grained sandstone
sb26-90-01cda	6,434.0	6,435.0	321TSLP	13.7	64.000000	Fine-grained sandstone
sb26-90-01cda	6,435.0	6,436.0	321TSLP	16.0	33.000000	Fine-grained sandstone
sb26-90-01cda	6,436.0	6,437.0	321TSLP	13.4	154.000000	Fine-grained sandstone
sb26-90-01cda	6,437.0	6,438.0	321TSLP	3.7	67.000000	Fine-grained sandstone
sb26-90-01cda	6,438.0	6,439.0	321TSLP	12.9	8.500000	Fine-grained sandstone
sb26-90-01cda	6,439.0	6,440.0	321TSLP	12.8	35.000000	Fine-grained sandstone
sb26-90-01cda	6,440.0	6,441.0	321TSLP	12.2	58.000000	Fine-grained sandstone
sb26-90-01cda	6,441.0	6,442.0	321TSLP	14.3	80.000000	Fine-grained sandstone
sb26-90-01cda	6,442.0	6,443.0	321TSLP	14.9	41.000000	Fine-grained sandstone
sb26-90-01cda	6,443.0	6,444.0	321TSLP	14.2	73.000000	Fine-grained sandstone
sb26-90-01cda	6,444.0	6,445.0	321TSLP	17.3	54.000000	Fine-grained sandstone
sb26-90-01cda	6,444.0	6,445.0	321TSLP	17.3	54.000000	Fine-grained sandstone
sb26-90-01cda	6,445.0	6,446.0	321TSLP	14.4	71.000000	Fine-grained sandstone
sb26-90-01cda	6,446.0	6,447.0	321TSLP	5.6	65.000000	Fine-grained sandstone
sb26-90-01cda	6,447.0	6,448.0	321TSLP	14.9	46.000000	Fine-grained sandstone
sb26-90-01cda	6,448.0	6,449.0	321TSLP	14.2	57.000000	Fine-grained sandstone
sb26-90-01cda	6,449.0	6,450.0	321TSLP	13.5	31.000000	Fine-grained sandstone
sb26-90-01cda	6,450.0	6,451.0	321TSLP	14.7	64.000000	Fine-grained sandstone
sb26-90-01cda	6,451.0	6,452.0	321TSLP	14.2	39.000000	Fine-grained sandstone
sb26-90-01cda	6,452.0	6,453.0	321TSLP	13.7	38.000000	Fine-grained sandstone

Table 4.--Laboratory-determined porosity and permeability--Continued

Site	Depth to top (feet)	Depth to bottom (feet)	Formation	Porosity (percent)	Permeability (millidarcies)	Lithology	
sb26-90-01cda	6,453.0	6,454.0	321TSLP	15.0	49.000000	Fine-grained	sandstone
sb26-90-01cda	6,454.0	6,455.0	321TSLP	14.4	32.000000	Fine-grained	sandstone
sb26-90-01cda	6,455.0	6,456.0	321TSLP	15.3	54.000000	Fine-grained	sandstone
sb26-90-01cda	6,456.0	6,457.0	321TSLP	16.0	33.000000	Fine-grained	sandstone
sb26-90-01cda	6,457.0	6,458.0	321TSLP	15.7	42.000000	Fine-grained	sandstone with siltstone laminae
sb26-90-01cda	6,458.0	6,459.0	321TSLP	14.7	52.000000	Fine-grained	sandstone
sb26-90-01cda	6,459.0	6,460.0	321TSLP	9.3	6.100000	Fine-grained	sandstone
sb26-90-01cda	6,462.0	6,463.0	321TSLP	18.9	66.000000	Fine-grained	sandstone
sb26-90-01cda	6,463.0	6,464.0	321TSLP	19.9	123.000000	Fine-grained	sandstone
sb26-90-01cda	6,464.0	6,465.0	321TSLP	16.4	76.000000	Fine-grained	sandstone
sb26-90-01cda	6,465.0	6,466.0	321TSLP	17.1	26.000000	Fine-grained	sandstone
sb26-90-01cda	6,466.0	6,467.0	321TSLP	13.7	101.000000	Fine-grained	sandstone
sb26-90-01cda	6,467.0	6,468.0	321TSLP	14.0	51.000000	Fine-grained	sandstone
sb26-90-01cda	6,468.0	6,469.0	321TSLP	18.7	79.000000	Fine-grained	sandstone
sb26-90-01cda	6,469.0	6,470.0	321TSLP	15.2	90.000000	Fine-grained	sandstone
sb26-90-01cda	6,470.0	6,471.0	321TSLP	17.7	100.000000	Fine-grained	sandstone
sb26-90-01cda	6,471.0	6,472.0	321TSLP	16.0	71.000000	Fine-grained	sandstone
sb26-90-01cda	6,472.0	6,473.0	321TSLP	15.2	119.000000	Fine-grained	sandstone with siltstone laminae
sb26-90-01cda	6,473.0	6,474.0	321TSLP	20.0	24.000000	Fine-grained	sandstone
sb26-90-01cda	6,474.0	6,475.0	321TSLP	18.4	166.000000	Fine-grained	sandstone
sb26-90-01cda	6,475.0	6,476.0	321TSLP	22.7	80.000000	Fine-grained	sandstone
sb26-90-01cda	6,476.0	6,477.0	321TSLP	20.7	125.000000	Fine-grained	sandstone with siltstone laminae
sb26-90-01cda	6,477.0	6,478.0	321TSLP	18.2	56.000000	Fine-grained	sandstone
sb26-90-01cda	6,478.0	6,479.0	321TSLP	17.1	195.000000	Fine-grained	sandstone
sb26-90-01cda	6,479.0	6,480.0	321TSLP	22.0	129.000000	Fine-grained	sandstone
sb26-90-01cda	6,480.0	6,481.0	321TSLP	16.8	117.000000	Fine-grained	sandstone
sb26-90-01cda	6,481.0	6,482.0	321TSLP	15.6	147.000000	Fine-grained	sandstone
sb26-90-01cda	6,482.0	6,483.0	321TSLP	17.9	64.000000	Fine-grained	sandstone
sb26-90-01cda	6,483.0	6,484.0	321TSLP	15.4	117.000000	Fine-grained	sandstone
sb26-90-01cda	6,484.0	6,485.0	321TSLP	19.2	80.000000	Fine-grained	sandstone
sb26-90-01cda	6,485.0	6,486.0	321TSLP	20.2	238.000000	Fine-grained	sandstone
sb26-90-01cda	6,486.0	6,487.0	321TSLP	19.1	46.000000	Fine-grained	sandstone
sb26-90-01cda	6,487.0	6,488.0	321TSLP	10.5	4.000000	Fine-grained	sandstone
sb26-90-01cda	6,488.0	6,489.0	321TSLP	13.1	41.000000	Fine-grained	sandstone with siltstone laminae
sb26-90-01cda	6,489.0	6,490.0	321TSLP	12.4	37.000000	Fine-grained	sandstone
sb26-90-01cda	6,490.0	6,491.0	321TSLP	14.7	45.000000	Fine-grained	sandstone
sb26-90-01cda	6,491.0	6,492.0	321TSLP	14.5	58.000000	Fine-grained	sandstone
sb26-90-01cda	6,492.0	6,493.0	321TSLP	14.8	97.000000	Fine-grained	sandstone
sb26-90-01cda	6,493.0	6,494.0	321TSLP	13.0	74.000000	Fine-grained	sandstone with siltstone laminae
sb26-90-01cda	6,494.0	6,495.0	321TSLP	16.7	23.000000	Fine-grained	sandstone
sb26-90-01cda	6,495.0	6,496.0	321TSLP	17.8	123.000000	Fine-grained	sandstone
sb26-90-01cda	6,496.0	6,497.0	321TSLP	17.4	99.000000	Fine-grained	sandstone
sb26-90-01cda	6,497.0	6,498.0	321TSLP	17.3	50.000000	Fine-grained	sandstone
sb26-90-01cda	6,498.0	6,499.0	321TSLP	12.8	47.000000	Fine-grained	sandstone
sb26-90-01cda	6,499.0	6,500.0	321TSLP	13.7	24.000000	Fine-grained	sandstone
sb26-90-01cda	6,502.0	6,503.0	321TSLP	16.9	25.000000	Fine-grained	sandstone
sb26-90-01cda	6,503.0	6,504.0	321TSLP	14.3	13.000000	Fine-grained	sandstone
sb26-90-01cda	6,504.0	6,505.0	321TSLP	13.7	28.000000	Fine-grained	sandstone
sb26-90-01cda	6,505.0	6,506.0	321TSLP	15.8	30.000000	Fine-grained	sandstone
sb26-90-01cda	6,506.0	6,507.0	321TSLP	14.3	8.800000	Fine-grained	sandstone

Table 4.--Laboratory-determined porosity and permeability--Continued

Site	Depth to top (feet)	Depth to bottom (feet)	Formation	Porosity (percent)	Permeability (millidarcies)	Lithology
sb26-90-01cda	6,507.0	6,508.0	321TSLP	13.3	11.000000	Fine-grained sandstone
sb26-90-01cda	6,508.0	6,509.0	321TSLP	14.0	7.800000	Fine-grained sandstone
sb26-90-01cda	6,509.0	6,510.0	321TSLP	10.0	76.000000	Fine-grained sandstone
sb26-90-01cda	6,510.0	6,511.0	321TSLP	16.9	155.000000	Fine-grained sandstone
sb26-90-01cda	6,511.0	6,512.0	321TSLP	16.1	57.000000	Fine-grained sandstone
sb26-90-01cda	6,512.0	6,513.0	321TSLP	12.1	13.000000	Fine-grained sandstone
sb26-90-01cda	6,513.0	6,514.0	321TSLP	20.9	17.000000	Fine-grained sandstone
sb26-90-01cda	6,514.0	6,515.0	321TSLP	20.1	3.100000	Fine-grained sandstone
sb26-90-01cda	6,515.0	6,516.0	321TSLP	9.8	0.600000	Fine-grained sandstone
sb26-90-01cda	6,516.0	6,517.0	321TSLP	8.8	0.450000	Fine-grained sandstone
sb26-90-01cda	6,517.0	6,518.0	321TSLP	7.8	1.100000	Fine-grained sandstone
sb26-90-01cda	6,518.0	6,519.0	321TSLP	10.1	2.100000	Fine-grained sandstone
sb26-90-01cda	6,519.0	6,520.0	321TSLP	10.5	14.000000	Fine-grained sandstone
sb26-90-01cda	6,520.0	6,521.0	321TSLP	8.0	1.500000	Fine-grained sandstone
sb26-90-01cda	6,521.0	6,522.0	321TSLP	10.6	6.100000	Fine-grained sandstone
sb26-90-01cda	6,522.0	6,523.0	321TSLP	10.5	2.100000	Fine-grained sandstone
sb26-90-01cda	6,523.0	6,524.0	321TSLP	8.4	1.800000	Fine-grained sandstone
sb26-90-01cda	6,524.0	6,525.0	321TSLP	10.5	2.700000	Fine-grained sandstone
sb26-90-01cda	6,525.0	6,526.0	321TSLP	10.1	6.200000	Fine-grained sandstone
sb26-90-01cda	6,526.0	6,527.0	321TSLP	7.5	3.100000	Fine-grained sandstone
sb26-90-01cda	6,527.0	6,528.0	321TSLP	11.2	8.700000	Fine-grained sandstone
sb26-90-01cda	6,528.0	6,529.0	321TSLP	10.1	8.700000	Fine-grained sandstone
sb26-90-01cda	6,529.0	6,530.0	321TSLP	14.0	9.900000	Fine-grained sandstone
sb26-90-01cda	6,530.0	6,531.0	321TSLP	13.3	25.000000	Fine-grained sandstone
sb26-90-01cda	6,531.0	6,532.0	321TSLP	12.2	51.000000	Fine-grained sandstone
sb26-90-01cda	6,532.0	6,533.0	321TSLP	11.0	23.000000	Fine-grained sandstone
sb26-90-01cda	6,533.0	6,534.0	321TSLP	12.7	44.000000	Fine-grained sandstone
sb26-90-01cda	6,534.0	6,535.0	321TSLP	14.2	58.000000	Fine-grained sandstone
sb26-90-01cda	6,535.0	6,536.0	321TSLP	8.6	6.800000	Silty, fine-grained sandstone
sb26-90-01cda	6,536.0	6,537.0	321TSLP	6.7	3.300000	Fine-grained sandstone
sb26-90-01cda	6,537.0	6,538.0	321TSLP	11.7	27.000000	Fine-grained sandstone
sb26-90-01cda	6,538.0	6,539.0	321TSLP	10.6	38.000000	Fine-grained sandstone
sb26-90-01cda	6,539.0	6,540.0	321TSLP	11.3	17.000000	Fine-grained sandstone
sb26-90-01cda	6,540.0	6,541.0	321TSLP	10.1	7.800000	Fine-grained sandstone
sb26-90-01cda	6,543.0	6,544.0	321TSLP	0.0	0.020000	Fine-grained, cemented sandstone
sb26-90-01cda	6,544.0	6,545.0	321TSLP	1.1	0.020000	Fine-grained sandstone
sb26-90-01cda	6,545.0	6,546.0	321TSLP	2.4	0.040000	Fine-grained sandstone
sb26-90-01cda	6,546.0	6,547.0	321TSLP	1.4	0.040000	Fine-grained sandstone
sb26-90-01cda	6,547.0	6,548.0	321TSLP	1.8	0.030000	Fine-grained sandstone
sb26-90-01cda	6,548.0	6,549.0	321TSLP	2.3	0.050000	Fine-grained sandstone
sb26-90-01cda	6,549.0	6,550.0	321TSLP	2.6	0.040000	Fine-grained sandstone
sb26-90-01cda	6,550.0	6,551.0	321TSLP	2.3	0.050000	Fine-grained sandstone
sb26-90-01cda	6,551.0	6,552.0	321TSLP	2.9	0.100000	Fine-grained sandstone
sb26-90-01cda	6,552.0	6,553.0	321TSLP	2.4	0.050000	Fine-grained sandstone
sb26-90-01cda	6,553.0	6,554.0	321TSLP	4.4	0.170000	Fine-grained sandstone
sb26-90-01cda	6,554.0	6,555.0	321TSLP	4.2	0.080000	Fine-grained sandstone
sb26-90-01cda	6,555.0	6,556.0	321TSLP	7.9	3.600000	Fine-grained sandstone
sb26-90-01cda	6,556.0	6,557.0	321TSLP	4.2	0.100000	Fine-grained sandstone
sb26-90-01cda	6,557.0	6,558.0	321TSLP	8.9	1.800000	Fine-grained sandstone
sb26-90-01cda	6,558.0	6,559.0	321TSLP	11.2	0.270000	Fine-grained sandstone

Table 4.--Laboratory-determined porosity and permeability--Continued

Site	Depth to top (feet)	Depth to bottom (feet)	Formation	Porosity (percent)	Permeability (millidarcies)	Lithology
sb26-90-01cda	6,559.0	6,560.0	321TSLP	9.3	8.100000	Fine-grained sandstone
sb26-90-01cda	6,560.0	6,561.0	321TSLP	8.3	1.600000	Fine-grained sandstone
sb26-90-01cda	6,561.0	6,562.0	321TSLP	9.1	6.500000	Fine-grained sandstone
sb26-90-01cda	6,562.0	6,563.0	321TSLP	9.5	2.000000	Fine-grained sandstone
sb26-90-01cda	6,563.0	6,564.0	321TSLP	9.7	9.100000	Fine-grained sandstone
sb26-90-01cda	6,564.0	6,565.0	321TSLP	11.1	0.870000	Fine-grained sandstone
sb26-90-01cda	6,565.0	6,566.0	321TSLP	10.6	2.900000	Silty, fine-grained sandstone
sb26-90-01cda	6,566.0	6,567.0	321TSLP	9.3	5.500000	Fine-grained sandstone
sb26-90-01cda	6,567.0	6,568.0	321TSLP	10.0	3.600000	Fine-grained sandstone
sb26-90-01cda	6,568.0	6,569.0	321TSLP	11.6	3.600000	Fine-grained sandstone
sb26-90-01cda	6,569.0	6,570.0	321TSLP	11.9	1.700000	Fine-grained sandstone
sb26-90-01cda	6,570.0	6,571.0	321TSLP	9.5	5.600000	Fine-grained sandstone
sb26-90-01cda	6,571.0	6,572.0	321TSLP	4.9	0.280000	Fine-grained sandstone
sb26-90-01cda	6,572.0	6,573.0	321TSLP	6.8	0.230000	Fine-grained sandstone
sb26-90-01cda	6,573.0	6,574.0	321TSLP	7.8	0.570000	Fine-grained sandstone
sb26-90-01cda	6,574.0	6,575.0	321TSLP	4.6	0.160000	Fine-grained sandstone
sb26-90-01cda	6,575.0	6,576.0	321TSLP	6.8	0.240000	Fine-grained sandstone
sb26-90-01cda	6,576.0	6,577.0	321TSLP	6.5	0.520000	Fine-grained sandstone
sb26-90-01cda	6,577.0	6,578.0	321TSLP	6.3	0.760000	Fine-grained sandstone
sb26-90-01cda	6,578.0	6,579.0	321TSLP	6.3	0.220000	Fine-grained sandstone
sb26-90-01cda	6,579.0	6,580.0	321TSLP	9.4	3.600000	Fine-grained sandstone
sb26-90-01cda	6,580.0	6,581.0	321TSLP	12.3	27.000000	Fine-grained sandstone
sb26-90-01cda	6,584.0	6,585.0	321TSLP	11.9	12.000000	Fine-grained sandstone
sb26-90-01cda	6,585.0	6,586.0	321TSLP	11.3	5.300000	Fine-grained sandstone
sb26-90-01cda	6,586.0	6,587.0	321TSLP	9.7	4.000000	Fine-grained sandstone
sb26-90-01cda	6,587.0	6,588.0	321TSLP	11.8	9.300000	Fine-grained sandstone
sb26-90-01cda	6,588.0	6,589.0	321TSLP	12.4	72.000000	Fine-grained sandstone
sb26-90-01cda	6,589.0	6,590.0	321TSLP	10.1	21.000000	Fine-grained sandstone
sb26-90-01cda	6,590.0	6,591.0	321TSLP	12.0	26.000000	Fine-grained sandstone
sb26-90-01cda	6,591.0	6,592.0	321TSLP	12.4	15.000000	Fine-grained sandstone
sb26-90-01cda	6,592.0	6,593.0	321TSLP	10.4	0.220000	Silty, fine-grained sandstone
sb26-90-01cda	6,593.0	6,594.0	321TSLP	6.5	14.000000	Silty, fine-grained sandstone
sb26-90-01cda	6,594.0	6,595.0	321TSLP	10.8	85.000000	Fine-grained sandstone
sb26-90-01cda	6,595.0	6,596.0	321TSLP	7.6	6.100000	Fine-grained sandstone
sb26-90-01cda	6,596.0	6,597.0	321TSLP	10.5	17.000000	Fine-grained sandstone
sb26-90-01cda	6,597.0	6,598.0	321TSLP	8.9	9.100000	Fine-grained sandstone
sb26-90-01cda	6,598.0	6,599.0	321TSLP	9.5	7.000000	Fine-grained sandstone
sb26-90-01cda	6,599.0	6,600.0	321TSLP	9.1	12.000000	Fine-grained sandstone
sb26-90-01cda	6,600.0	6,601.0	321TSLP	9.6	0.100000	Fine-grained sandstone
sb26-90-01cda	6,601.0	6,602.0	321TSLP	9.2	15.000000	Fine-grained sandstone
sb26-90-01cda	6,602.0	6,603.0	321TSLP	10.3	12.000000	Fine-grained sandstone
sb26-90-01cda	6,603.0	6,604.0	321TSLP	10.0	3.700000	Fine-grained sandstone
sb26-90-01cda	6,604.0	6,605.0	321TSLP	5.9	0.200000	Fine-grained sandstone
sb26-90-01cda	6,605.0	6,606.0	321TSLP	5.8	0.200000	Fine-grained sandstone
sb26-90-01cda	6,606.0	6,607.0	321TSLP	2.1	0.080000	Fine-grained sandstone with siltstone laminae
sb26-90-01cda	6,607.0	6,608.0	321TSLP	11.2	80.000000	Fine-grained sandstone
sb26-90-01cda	6,608.0	6,609.0	321TSLP	15.3	82.000000	Fine-grained sandstone
sb26-90-01cda	6,609.0	6,610.0	321TSLP	13.6	31.000000	Fine-grained sandstone
sb26-90-01cda	6,610.0	6,611.0	321TSLP	14.8	68.000000	Fine-grained sandstone
sb26-90-01cda	6,611.0	6,612.0	321TSLP	4.9	1.600000	Silty, fine-grained sandstone

Table 4.--Laboratory-determined porosity and permeability--Continued

Site	Depth to top (feet)	Depth to bottom (feet)	Formation	Porosity (percent)	Permeability (millidarcies)	Lithology
sb26-90-01cda	6,612.0	6,613.0	321TSLP	9.1	0.600000	Fine-grained sandstone
sb26-90-01cda	6,613.0	6,614.0	321TSLP	4.1	0.040000	Silty, fine-grained sandstone
sb26-90-01cda	6,614.0	6,615.0	321TSLP	4.0	0.020000	Fine-grained sandstone
			AVERAGE--	11.7	43.043470	
sb26-90-01cda	6,615.0	6,616.0	324AMSD	10.0	0.040000	Vuggy dolomite
sb26-90-01cda	6,616.0	6,617.0	324AMSD	4.8	0.050000	Vuggy dolomite
sb26-90-01cda	6,617.0	6,618.0	324AMSD	5.6	0.060000	Dolomite
sb26-90-01cda	6,618.0	6,619.0	324AMSD	4.1	0.030000	Fine-grained dolomite
sb26-90-01cda	6,619.0	6,620.0	324AMSD	2.5	0.980000	Fine-grained dolomite
sb26-90-01cda	6,620.0	6,621.0	324AMSD	1.3	0.030000	Fine-grained dolomite
sb26-90-01cda	6,621.0	6,622.0	324AMSD	0.7	0.010000	Fine-grained dolomite
sb26-90-01cda	6,624.0	6,625.0	324AMSD	1.3	0.480000	Fine-grained dolomite
sb26-90-01cda	6,625.0	6,626.0	324AMSD	1.6	0.630000	Fine-grained dolomite
sb26-90-01cda	6,626.0	6,627.0	324AMSD	7.4	0.190000	Fine-grained sandstone
sb26-90-01cda	6,627.0	6,628.0	324AMSD	1.4	0.060000	Fine-grained sandstone
sb26-90-01cda	6,628.0	6,629.0	324AMSD	5.2	0.130000	Fine-grained sandstone
sb26-90-01cda	6,629.0	6,630.0	324AMSD	5.3	1.800000	Fine-grained sandstone
sb26-90-01cda	6,630.0	6,631.0	324AMSD	8.5	27.000000	Fine-grained sandstone
			AVERAGE--	4.3	2.249286	
SITE AVERAGE-----				11.3	41.018227	
sc05-92-03cba	1,486.0	1,488.0	321WEBR	9.4	0.000000	Micaceous sandstone
sc05-92-03cba	1,489.0	1,491.0	321WEBR	11.2	0.000000	Shale
sc05-92-03cba	1,491.0	1,493.0	321WEBR	9.8	0.000000	Micaceous sandstone
sc05-92-03cba	1,493.0	1,495.0	321WEBR	9.8	0.000000	Micaceous sandstone
sc05-92-03cba	1,496.0	1,498.0	321WEBR	10.3	0.000000	Micaceous sandstone
sc05-92-03cba	1,499.0	1,501.0	321WEBR	11.8	0.190000	Micaceous sandstone
sc05-92-03cba	1,502.0	1,504.0	321WEBR	16.2	2.320000	Micaceous sandstone
sc05-92-03cba	1,505.0	1,507.0	321WEBR	12.3	0.000000	Micaceous sandstone
sc05-92-03cba	1,521.0	1,523.0	321WEBR	12.3	1.860000	Micaceous sandstone
sc05-92-03cba	1,523.0	1,525.0	321WEBR	11.0	1.390000	Micaceous sandstone
sc05-92-03cba	1,525.0	1,527.0	321WEBR	8.0	0.000000	Micaceous sandstone
sc05-92-03cba	1,527.0	1,529.0	321WEBR	8.3	0.000000	Micaceous sandstone
sc05-92-03cba	1,531.0	1,533.0	321WEBR	12.3	0.000000	Micaceous sandstone
sc05-92-03cba	1,537.0	1,539.0	321WEBR	7.1	0.000000	Micaceous sandstone
sc05-92-03cba	1,540.0	1,542.0	321WEBR	7.7	0.000000	Micaceous sandstone
sc05-92-03cba	1,542.0	1,544.0	321WEBR	6.5	0.000000	Micaceous sandstone
sc05-92-03cba	1,544.0	1,546.0	321WEBR	5.9	0.000000	Micaceous sandstone
sc05-92-03cba	1,546.0	1,548.0	321WEBR	6.8	0.000000	Micaceous sandstone
sc05-92-03cba	1,548.0	1,550.0	321WEBR	6.2	0.000000	Micaceous sandstone
sc05-92-03cba	1,550.0	1,552.0	321WEBR	4.9	1.860000	Micaceous sandstone
sc05-92-03cba	1,552.0	1,554.0	321WEBR	4.9	0.000000	Micaceous sandstone
sc05-92-03cba	1,554.0	1,556.0	321WEBR	5.9	0.000000	Micaceous sandstone
sc05-92-03cba	1,556.0	1,558.0	321WEBR	11.8	0.930000	Micaceous sandstone
sc05-92-03cba	1,558.0	1,560.0	321WEBR	10.1	0.000000	Micaceous sandstone
sc05-92-03cba	1,664.5	1,666.5	321WEBR	9.9	0.000000	Micaceous sandstone and claystone
sc05-92-03cba	1,666.5	1,668.5	321WEBR	10.9	1.390000	Micaceous sandstone
sc05-92-03cba	1,668.5	1,670.5	321WEBR	8.0	0.320000	Micaceous sandstone
sc05-92-03cba	1,670.5	1,672.5	321WEBR	7.4	0.000000	Micaceous sandstone and claystone
sc05-92-03cba	1,672.5	1,674.5	321WEBR	7.4	3.250000	Micaceous sandstone
sc05-92-03cba	1,674.5	1,676.5	321WEBR	8.3	0.000000	Micaceous sandstone



Table 4.--Laboratory-determined porosity and permeability--Continued

Site	Depth to top (feet)	Depth to bottom (feet)	Formation	Porosity (percent)	Permeability (millidarcies)	Lithology
sc05-92-03cba	1,676.5	1,678.5	321WEBR	6.5	0.000000	Micaceous sandstone and claystone
AVERAGE--				9.0	0.435806	
SITE AVERAGE-----				9.0	0.435806	
sla03-24-22bda	8,753.0	8,756.0	317PRKC	7.9	0.000000	Phosphatic, fine-grained sandstone
sla03-24-22bda	8,756.0	8,759.0	317PRKC	6.4	0.000000	Phosphatic, fine-grained sandstone
sla03-24-22bda	8,801.0	8,804.0	317PRKC	2.8	0.000000	Sandy, dolomitic limestone
sla03-24-22bda	8,886.0	8,890.0	317PRKC	6.5	0.040000	Siliceous dolomite
sla03-24-22bda	8,890.0	8,894.0	317PRKC	6.1	0.030000	Siliceous dolomite
sla03-24-22bda	8,906.0	8,907.0	317PRKC	10.1	0.030000	Fine-grained, limy, cherty sandstone
sla03-24-22bda	8,963.0	8,967.0	317PRKC	16.3	0.050000	Phosphatic, fine-grained sandstone
sla03-24-22bda	8,967.0	8,968.0	317PRKC	10.9	0.060000	Phosphatic, fine-grained sandstone
AVERAGE--				8.4	0.026250	
sla03-24-22bda	9,040.5	9,041.5	321WEBR	6.5	0.000000	Fine- to medium-grained sandstone
sla03-24-22bda	9,044.5	9,045.5	321WEBR	5.1	0.030000	Fine- to medium-grained sandstone
sla03-24-22bda	9,046.5	9,047.5	321WEBR	4.7	0.040000	Fine- to medium-grained sandstone
sla03-24-22bda	9,048.5	9,049.5	321WEBR	4.6	0.050000	Fine- to medium-grained sandstone
sla03-24-22bda	9,050.5	9,051.5	321WEBR	4.5	0.040000	Fine- to medium-grained sandstone
sla03-24-22bda	9,052.5	9,053.5	321WEBR	3.7	0.020000	Fine- to medium-grained sandstone
sla03-24-22bda	9,054.5	9,055.5	321WEBR	3.9	0.020000	Fine- to medium-grained sandstone
sla03-24-22bda	9,056.5	9,057.5	321WEBR	4.7	0.030000	Fine- to medium-grained sandstone
sla03-24-22bda	9,058.5	9,059.5	321WEBR	4.6	0.030000	Fine- to medium-grained sandstone
sla03-24-22bda	9,060.5	9,061.5	321WEBR	4.9	0.030000	Fine- to medium-grained sandstone
sla03-24-22bda	9,062.5	9,063.5	321WEBR	5.3	0.040000	Fine- to medium-grained sandstone
sla03-24-22bda	9,064.5	9,065.5	321WEBR	3.7	0.040000	Fine- to medium-grained sandstone
sla03-24-22bda	9,066.5	9,067.5	321WEBR	4.9	0.020000	Cross-bedded, fine- to medium-grained sandstone
sla03-24-22bda	9,068.5	9,069.5	321WEBR	6.2	0.050000	Cross-bedded, fine- to medium-grained sandstone
sla03-24-22bda	9,070.5	9,071.5	321WEBR	8.1	0.130000	Cross-bedded, fine- to medium-grained sandstone
sla03-24-22bda	9,072.5	9,073.5	321WEBR	7.8	0.150000	Cross-bedded, fine- to medium-grained sandstone
sla03-24-22bda	9,074.5	9,075.5	321WEBR	7.5	0.100000	Cross-bedded, fine- to medium-grained sandstone
sla03-24-22bda	9,076.5	9,077.5	321WEBR	5.0	0.020000	Cross-bedded, fine- to medium-grained sandstone
sla03-24-22bda	9,078.5	9,079.5	321WEBR	6.8	0.070000	Cross-bedded, fine- to medium-grained sandstone
sla03-24-22bda	9,080.5	9,081.5	321WEBR	6.8	0.110000	Cross-bedded, fine- to medium-grained sandstone
sla03-24-22bda	9,082.5	9,083.5	321WEBR	6.0	0.040000	Cross-bedded, fine- to medium-grained sandstone
sla03-24-22bda	9,084.5	9,085.5	321WEBR	5.9	0.030000	Cross-bedded, fine- to medium-grained sandstone
sla03-24-22bda	9,086.5	9,087.5	321WEBR	6.1	0.030000	Cross-bedded, fine- to medium-grained sandstone
sla03-24-22bda	9,088.5	9,089.5	321WEBR	4.6	0.020000	Cross-bedded, fine- to medium-grained sandstone
sla03-24-22bda	9,090.5	9,091.5	321WEBR	5.2	0.040000	Cross-bedded, fine- to medium-grained sandstone
sla03-24-22bda	9,092.5	9,093.5	321WEBR	6.5	0.350000	Cross-bedded, fine- to medium-grained sandstone
sla03-24-22bda	9,094.5	9,095.5	321WEBR	5.5	0.030000	Cross-bedded, fine- to medium-grained sandstone
sla03-24-22bda	9,096.5	9,097.5	321WEBR	6.8	0.090000	Cross-bedded, fine- to medium-grained sandstone
sla03-24-22bda	9,098.5	9,099.5	321WEBR	4.9	0.040000	Cross-bedded, fine- to medium-grained sandstone
sla03-24-22bda	9,100.5	9,101.5	321WEBR	7.6	0.300000	Cross-bedded, fine- to medium-grained sandstone
sla03-24-22bda	9,102.5	9,103.5	321WEBR	9.9	1.040000	Cross-bedded, fine- to medium-grained sandstone
sla03-24-22bda	9,104.5	9,105.5	321WEBR	9.0	0.600000	Cross-bedded, fine- to medium-grained sandstone
sla03-24-22bda	9,192.5	9,193.5	321WEBR	13.7	6.630000	Cross-bedded, fine- to medium-grained sandstone
sla03-24-22bda	9,194.5	9,195.5	321WEBR	15.2	9.020000	Cross-bedded, fine- to medium-grained sandstone
sla03-24-22bda	9,196.5	9,197.5	321WEBR	12.7	6.940000	Cross-bedded, fine- to medium-grained sandstone

Table 4.--Laboratory-determined porosity and permeability--Continued

Site	Depth to top (feet)	Depth to bottom (feet)	Formation	Porosity (percent)	Permeability (millidarcies)	Lithology
sla03-24-22bda	9,198.5	9,199.5	321WEBR	4.9	0.000000	Cross-bedded, fine- to medium-grained sandstone
sla03-24-22bda	9,200.5	9,201.5	321WEBR	7.3	0.130000	Cross-bedded, fine- to medium-grained sandstone
sla03-24-22bda	9,202.5	9,203.5	321WEBR	7.2	0.130000	Cross-bedded, fine- to medium-grained sandstone
sla03-24-22bda	9,204.5	9,205.5	321WEBR	4.3	0.010000	Cross-bedded, fine- to medium-grained sandstone
sla03-24-22bda	9,206.5	9,207.5	321WEBR	6.1	0.180000	Cross-bedded, fine- to medium-grained sandstone
sla03-24-22bda	9,209.5	9,210.5	321WEBR	3.7	0.020000	Cross-bedded, fine- to medium-grained sandstone
sla03-24-22bda	9,212.5	9,213.5	321WEBR	3.2	0.000000	Cross-bedded, fine- to medium-grained sandstone
sla03-24-22bda	9,214.5	9,215.5	321WEBR	4.7	0.000000	Cross-bedded, fine- to medium-grained sandstone
sla03-24-22bda	9,216.5	9,217.5	321WEBR	4.5	0.000000	Cross-bedded, fine- to medium-grained sandstone
sla03-24-22bda	9,218.5	9,219.5	321WEBR	4.9	0.000000	Cross-bedded, fine- to medium-grained sandstone
sla03-24-22bda	9,220.5	9,221.5	321WEBR	6.0	0.000000	Cross-bedded, fine- to medium-grained sandstone
sla03-24-22bda	9,222.5	9,223.5	321WEBR	4.7	0.000000	Cross-bedded, fine- to medium-grained sandstone
sla03-24-22bda	9,224.5	9,225.5	321WEBR	3.1	0.000000	Cross-bedded, fine- to medium-grained sandstone
sla03-24-22bda	9,226.5	9,227.5	321WEBR	5.0	0.020000	Cross-bedded, fine- to medium-grained sandstone
sla03-24-22bda	9,228.5	9,229.5	321WEBR	4.7	0.000000	Cross-bedded, fine- to medium-grained sandstone
sla03-24-22bda	9,230.5	9,231.5	321WEBR	4.6	0.020000	Cross-bedded, fine- to medium-grained sandstone
sla03-24-22bda	9,232.5	9,233.5	321WEBR	4.8	0.030000	Cross-bedded, fine- to medium-grained sandstone
sla03-24-22bda	9,234.5	9,235.5	321WEBR	5.1	0.020000	Cross-bedded, fine- to medium-grained sandstone
sla03-24-22bda	9,236.5	9,237.5	321WEBR	5.2	0.020000	Cross-bedded, fine- to medium-grained sandstone
sla03-24-22bda	9,238.5	9,239.5	321WEBR	4.3	0.000000	Cross-bedded, fine- to medium-grained sandstone
sla03-24-22bda	9,240.5	9,241.5	321WEBR	4.6	0.000000	Cross-bedded, fine- to medium-grained sandstone
sla03-24-22bda	9,242.5	9,243.5	321WEBR	4.3	0.000000	Cross-bedded, fine- to medium-grained sandstone
sla03-24-22bda	9,244.5	9,245.5	321WEBR	4.2	0.000000	Cross-bedded, fine- to medium-grained sandstone
sla03-24-22bda	9,246.5	9,247.5	321WEBR	4.7	0.120000	Cross-bedded, fine- to medium-grained sandstone
sla03-24-22bda	9,248.5	9,249.5	321WEBR	4.2	0.000000	Cross-bedded, fine- to medium-grained sandstone
sla03-24-22bda	9,250.5	9,251.5	321WEBR	4.9	0.000000	Cross-bedded, fine- to medium-grained sandstone
sla03-24-22bda	9,252.5	9,253.5	321WEBR	7.5	0.110000	Cross-bedded, fine- to medium-grained sandstone
sla03-24-22bda	9,254.5	9,255.5	321WEBR	3.9	0.000000	Cross-bedded, fine- to medium-grained sandstone
sla03-24-22bda	9,256.5	9,257.5	321WEBR	5.7	0.010000	Cross-bedded, fine- to medium-grained sandstone
sla03-24-22bda	9,258.5	9,259.5	321WEBR	2.7	0.000000	Cross-bedded, fine- to medium-grained sandstone
sla03-24-22bda	9,260.5	9,261.5	321WEBR	3.2	0.000000	Cross-bedded, fine- to medium-grained sandstone
sla03-24-22bda	9,262.5	9,263.5	321WEBR	7.9	0.790000	Cross-bedded, fine- to medium-grained sandstone
sla03-24-22bda	9,269.5	9,270.5	321WEBR	3.7	0.020000	Cross-bedded, fine- to medium-grained sandstone
sla03-24-22bda	9,280.5	9,281.5	321WEBR	9.2	0.150000	Cross-bedded, fine- to medium-grained sandstone
sla03-24-22bda	9,282.5	9,283.5	321WEBR	10.0	3.480000	Cross-bedded, fine- to medium-grained sandstone
sla03-24-22bda	9,284.5	9,285.5	321WEBR	4.8	0.020000	Cross-bedded, fine- to medium-grained sandstone
sla03-24-22bda	9,286.5	9,287.5	321WEBR	4.6	0.010000	Cross-bedded, fine- to medium-grained sandstone
sla03-24-22bda	9,288.5	9,289.5	321WEBR	3.0	0.000000	Cross-bedded, fine- to medium-grained sandstone
sla03-24-22bda	9,290.5	9,291.5	321WEBR	4.7	0.130000	Cross-bedded, fine- to medium-grained sandstone
sla03-24-22bda	9,292.5	9,293.5	321WEBR	11.1	14.000000	Cross-bedded, fine- to medium-grained sandstone
sla03-24-22bda	9,294.5	9,295.5	321WEBR	11.8	16.000000	Cross-bedded, fine- to medium-grained sandstone
sla03-24-22bda	9,296.5	9,297.5	321WEBR	8.6	0.850000	Cross-bedded, fine- to medium-grained sandstone
sla03-24-22bda	9,298.5	9,299.5	321WEBR	10.6	2.600000	Cross-bedded, fine- to medium-grained sandstone
sla03-24-22bda	9,300.5	9,301.5	321WEBR	9.6	0.700000	Cross-bedded, fine- to medium-grained sandstone
sla03-24-22bda	9,302.5	9,303.5	321WEBR	9.8	0.860000	Cross-bedded, fine- to medium-grained sandstone
sla03-24-22bda	9,304.5	9,305.5	321WEBR	9.9	1.230000	Cross-bedded, fine- to medium-grained sandstone
sla03-24-22bda	9,306.5	9,307.5	321WEBR	9.5	0.910000	Cross-bedded, fine- to medium-grained sandstone
sla03-24-22bda	9,308.5	9,309.5	321WEBR	10.0	1.530000	Cross-bedded, fine- to medium-grained sandstone
sla03-24-22bda	9,310.5	9,311.5	321WEBR	9.5	0.670000	Cross-bedded, fine- to medium-grained sandstone
sla03-24-22bda	9,312.5	9,313.5	321WEBR	10.6	0.950000	Cross-bedded, fine- to medium-grained sandstone

Table 4.--Laboratory-determined porosity and permeability--Continued

Site	Depth to top (feet)	Depth to bottom (feet)	Formation	Porosity (percent)	Permeability (millidarcies)	Lithology
sla03-24-22bda	9,314.5	9,315.5	321WEBR	9.3	0.400000	Cross-bedded, fine- to medium-grained sandstone
sla03-24-22bda	9,316.5	9,317.5	321WEBR	7.6	0.030000	Cross-bedded, fine- to medium-grained sandstone
sla03-24-22bda	9,318.5	9,319.5	321WEBR	6.7	0.050000	Cross-bedded, fine- to medium-grained sandstone
sla03-24-22bda	9,320.5	9,321.5	321WEBR	4.6	0.020000	Cross-bedded, fine- to medium-grained sandstone
sla03-24-22bda	9,322.5	9,323.5	321WEBR	3.4	0.020000	Cross-bedded, fine- to medium-grained sandstone
sla03-24-22bda	9,324.5	9,325.5	321WEBR	2.8	0.000000	Cross-bedded, fine- to medium-grained sandstone
sla03-24-22bda	9,326.5	9,327.5	321WEBR	4.5	0.020000	Cross-bedded, fine- to medium-grained sandstone
sla03-24-22bda	9,328.5	9,329.5	321WEBR	5.6	0.050000	Cross-bedded, fine- to medium-grained sandstone
sla03-24-22bda	9,330.5	9,331.5	321WEBR	3.3	0.030000	Cross-bedded, fine- to medium-grained sandstone
sla03-24-22bda	9,332.5	9,333.5	321WEBR	3.3	0.040000	Cross-bedded, fine- to medium-grained sandstone
sla03-24-22bda	9,334.5	9,335.5	321WEBR	5.0	0.060000	Cross-bedded, fine- to medium-grained sandstone
sla03-24-22bda	9,336.5	9,337.5	321WEBR	5.0	0.050000	Cross-bedded, fine- to medium-grained sandstone
sla03-24-22bda	9,338.5	9,339.5	321WEBR	4.6	0.050000	Cross-bedded, fine- to medium-grained sandstone
sla03-24-22bda	9,340.5	9,341.5	321WEBR	5.5	0.060000	Cross-bedded, fine- to medium-grained sandstone
sla03-24-22bda	9,342.5	9,343.5	321WEBR	7.3	0.300000	Cross-bedded, fine- to medium-grained sandstone
sla03-24-22bda	9,344.5	9,345.5	321WEBR	6.8	0.100000	Cross-bedded, fine- to medium-grained sandstone
sla03-24-22bda	9,346.5	9,347.5	321WEBR	3.3	0.000000	Cross-bedded, fine- to medium-grained sandstone
sla03-24-22bda	9,348.5	9,349.5	321WEBR	4.2	0.000000	Cross-bedded, fine- to medium-grained sandstone
sla03-24-22bda	9,350.5	9,351.5	321WEBR	2.9	0.000000	Cross-bedded, fine- to medium-grained sandstone
sla03-24-22bda	9,352.5	9,353.5	321WEBR	4.3	0.020000	Cross-bedded, fine- to medium-grained sandstone
sla03-24-22bda	9,354.5	9,355.5	321WEBR	3.7	0.030000	Cross-bedded, fine- to medium-grained sandstone
			AVERAGE--	6.0	0.691226	
SITE AVERAGE-----				6.2	0.644561	
sld03-20-05ccb	0.0	0.4	321WEBR	12.8	70.000000	Sandstone
			AVERAGE--	12.8	70.000000	
SITE AVERAGE-----				12.8	70.000000	
sld04-20-04ddc	4,477.0	4,478.0	317PRKC	4.1	0.270000	Finely crystalline dolomite
sld04-20-04ddc	4,478.0	4,479.0	317PRKC	7.2	0.170000	Finely crystalline dolomite
sld04-20-04ddc	4,479.0	4,480.0	317PRKC	4.5	0.020000	Finely crystalline dolomite
sld04-20-04ddc	4,480.0	4,481.0	317PRKC	7.0	4.100000	Finely crystalline dolomite
sld04-20-04ddc	4,481.0	4,482.0	317PRKC	13.2	7.600000	Cherty, finely crystalline dolomite
sld04-20-04ddc	4,482.0	4,483.0	317PRKC	1.6	6.600000	Finely crystalline dolomite
sld04-20-04ddc	4,483.0	4,484.0	317PRKC	13.6	0.000000	Finely crystalline dolomite
sld04-20-04ddc	4,484.0	4,485.0	317PRKC	9.1	20.000000	Anhydritic, finely crystalline dolomite
sld04-20-04ddc	4,485.0	4,486.0	317PRKC	10.1	0.070000	Finely crystalline dolomite
sld04-20-04ddc	4,486.0	4,487.0	317PRKC	7.3	0.050000	Finely crystalline dolomite
sld04-20-04ddc	4,487.0	4,488.0	317PRKC	9.9	3.100000	Finely crystalline dolomite
sld04-20-04ddc	4,488.0	4,489.0	317PRKC	11.4	0.040000	Finely crystalline dolomite
sld04-20-04ddc	4,489.0	4,490.0	317PRKC	11.1	52.000000	Finely crystalline dolomite
sld04-20-04ddc	4,490.0	4,491.0	317PRKC	21.8	3.200000	Finely crystalline dolomite
sld04-20-04ddc	4,491.0	4,492.0	317PRKC	16.6	1.500000	Finely crystalline dolomite
sld04-20-04ddc	4,492.0	4,493.0	317PRKC	14.0	0.330000	Anhydritic, finely crystalline dolomite
sld04-20-04ddc	4,493.0	4,494.0	317PRKC	12.3	0.350000	Finely crystalline dolomite
sld04-20-04ddc	4,494.0	4,495.0	317PRKC	16.0	15.000000	Finely crystalline dolomite
sld04-20-04ddc	4,495.0	4,496.0	317PRKC	7.4	12.000000	Finely crystalline dolomite
sld04-20-04ddc	4,496.0	4,497.0	317PRKC	14.7	0.070000	Anhydritic, finely crystalline dolomite

Table 4.--Laboratory-determined porosity and permeability--Continued

Site	Depth to top (feet)	Depth to bottom (feet)	Formation	Porosity (percent)	Permeability (millidarcies)	Lithology
sld04-20-04ddc	4,497.0	4,498.0	317PRKC	14.7	0.070000	Finely crystalline dolomite
sld04-20-04ddc	4,498.0	4,499.0	317PRKC	3.7	0.020000	Finely crystalline dolomite
sld04-20-04ddc	4,499.0	4,500.0	317PRKC	11.7	0.060000	Finely crystalline dolomite
sld04-20-04ddc	4,500.0	4,501.0	317PRKC	13.1	0.030000	Finely crystalline dolomite
sld04-20-04ddc	4,501.0	4,502.0	317PRKC	6.1	0.020000	Finely crystalline dolomite
sld04-20-04ddc	4,502.0	4,503.0	317PRKC	4.0	0.020000	Finely crystalline dolomite
sld04-20-04ddc	4,503.0	4,504.0	317PRKC	3.2	0.040000	Finely crystalline dolomite
sld04-20-04ddc	4,560.0	4,561.0	317PRKC	6.8	0.020000	Shaly, anhydritic dolomite
sld04-20-04ddc	4,564.0	4,565.0	317PRKC	6.2	21.000000	Vuggy, shaly, anhydritic dolomite
sld04-20-04ddc	4,569.0	4,570.0	317PRKC	6.3	0.220000	Shaly, anhydritic dolomite
sld04-20-04ddc	4,573.0	4,574.0	317PRKC	6.9	0.010000	Shaly, anhydritic dolomite
sld04-20-04ddc	4,578.0	4,579.0	317PRKC	3.9	0.010000	Fractured, shaly, finely crystalline dolomite
sld04-20-04ddc	4,581.0	4,582.0	317PRKC	2.6	0.040000	Fractured, finely crystalline, limy dolomite
sld04-20-04ddc	4,583.0	4,584.0	317PRKC	4.8	0.060000	Fractured, finely crystalline, limy dolomite
AVERAGE--				9.0	4.355588	
SITE AVERAGE-----				9.0	4.355588	
sld04-23-36cda	7,808.0	7,809.0	321WEBR	10.7	3.500000	Fine-grained sandstone
sld04-23-36cda	7,809.0	7,810.0	321WEBR	10.0	5.100000	Fine-grained sandstone
sld04-23-36cda	7,811.0	7,812.0	321WEBR	10.6	2.100000	Fine-grained sandstone
sld04-23-36cda	7,812.0	7,813.0	321WEBR	10.6	2.400000	Fine-grained sandstone
sld04-23-36cda	7,813.0	7,814.0	321WEBR	11.1	13.500000	Fine- to medium-grained sandstone
sld04-23-36cda	7,814.0	7,815.0	321WEBR	10.8	16.000000	Fine- to medium-grained sandstone
sld04-23-36cda	7,815.0	7,816.0	321WEBR	9.6	12.500000	Fine- to medium-grained sandstone
sld04-23-36cda	7,816.0	7,816.5	321WEBR	10.0	16.000000	Fine- to medium-grained sandstone
sld04-23-36cda	7,816.5	7,817.0	321WEBR	9.8	10.000000	Fine- to medium-grained sandstone
AVERAGE--				0.4	9.011111	
SITE AVERAGE-----				10.4	9.011111	
sld05-22-22add	4,195.0	4,196.0	321WEBR	13.9	96.000000	Sandstone
sld05-22-22add	4,196.0	4,197.0	321WEBR	16.8	178.000000	Sandstone
sld05-22-22add	4,197.0	4,198.0	321WEBR	12.9	21.000000	Sandstone
sld05-22-22add	4,198.0	4,199.0	321WEBR	15.0	61.000000	Sandstone
sld05-22-22add	4,199.0	4,200.0	321WEBR	16.0	68.000000	Sandstone
sld05-22-22add	4,200.0	4,201.0	321WEBR	16.2	91.000000	Sandstone
sld05-22-22add	4,201.0	4,202.0	321WEBR	14.9	74.000000	Sandstone
sld05-22-22add	4,202.0	4,203.0	321WEBR	15.8	194.000000	Sandstone
sld05-22-22add	4,203.0	4,204.0	321WEBR	15.5	161.000000	Sandstone
sld05-22-22add	4,204.0	4,205.0	321WEBR	15.7	167.000000	Sandstone
sld05-22-22add	4,205.0	4,206.0	321WEBR	16.1	206.000000	Sandstone
sld05-22-22add	4,206.0	4,207.0	321WEBR	16.5	148.000000	Sandstone
sld05-22-22add	4,207.0	4,208.0	321WEBR	14.0	73.000000	Sandstone
sld05-22-22add	4,208.0	4,209.0	321WEBR	14.0	124.000000	Sandstone
sld05-22-22add	4,209.0	4,210.0	321WEBR	14.7	112.000000	Sandstone
sld05-22-22add	4,210.0	4,211.0	321WEBR	14.3	286.000000	Sandstone
sld05-22-22add	4,211.0	4,212.0	321WEBR	15.2	0.700000	Sandstone
sld05-22-22add	4,212.0	4,213.0	321WEBR	14.6	5.400000	Sandstone
sld05-22-22add	4,213.0	4,214.0	321WEBR	15.6	12.000000	Sandstone
sld05-22-22add	4,214.0	4,215.0	321WEBR	15.9	43.000000	Sandstone

Table 4.--Laboratory-determined porosity and permeability--Continued

Site	Depth to top (feet)	Depth to bottom (feet)	Formation	Porosity (percent)	Permeability (millidarcies)	Lithology
sld05-22-22add	4,215.0	4,216.0	321WEBR	13.2	15.000000	Sandstone
sld05-22-22add	4,216.0	4,217.0	321WEBR	15.2	12.000000	Sandstone
sld05-22-22add	4,217.0	4,218.0	321WEBR	12.3	8.300000	Sandstone
sld05-22-22add	4,218.0	4,219.0	321WEBR	13.0	5.500000	Sandstone
sld05-22-22add	4,219.0	4,220.0	321WEBR	14.7	112.000000	Sandstone
sld05-22-22add	4,220.0	4,221.0	321WEBR	14.7	28.000000	Sandstone
sld05-22-22add	4,221.0	4,222.0	321WEBR	12.5	14.000000	Sandstone
sld05-22-22add	4,222.0	4,223.0	321WEBR	10.9	0.900000	Sandstone
sld05-22-22add	4,223.0	4,224.0	321WEBR	13.7	74.000000	Sandstone
sld05-22-22add	4,224.0	4,225.0	321WEBR	13.7	13.000000	Sandstone
sld05-22-22add	4,225.0	4,226.0	321WEBR	12.3	15.000000	Sandstone
sld05-22-22add	4,226.0	4,227.0	321WEBR	14.9	20.000000	Sandstone
sld05-22-22add	4,227.0	4,228.0	321WEBR	14.3	25.000000	Sandstone
sld05-22-22add	4,228.0	4,229.0	321WEBR	15.3	45.000000	Sandstone
sld05-22-22add	4,233.0	4,234.0	321WEBR	14.1	43.000000	Sandstone
sld05-22-22add	4,234.0	4,235.0	321WEBR	14.3	36.000000	Sandstone
sld05-22-22add	4,235.0	4,236.0	321WEBR	13.7	30.000000	Sandstone
sld05-22-22add	4,236.0	4,237.0	321WEBR	13.5	20.000000	Sandstone
sld05-22-22add	4,237.0	4,238.0	321WEBR	14.8	55.000000	Sandstone
sld05-22-22add	4,238.0	4,239.0	321WEBR	12.6	41.000000	Sandstone
sld05-22-22add	4,239.0	4,240.0	321WEBR	13.8	43.000000	Sandstone
sld05-22-22add	4,240.0	4,241.0	321WEBR	14.1	36.000000	Sandstone
sld05-22-22add	4,241.0	4,242.0	321WEBR	13.2	41.000000	Sandstone
sld05-22-22add	4,242.0	4,243.0	321WEBR	11.4	15.000000	Limy sandstone
sld05-22-22add	4,243.0	4,244.0	321WEBR	9.2	2.400000	Limy sandstone
sld05-22-22add	4,244.0	4,245.0	321WEBR	11.4	16.000000	Limy sandstone
sld05-22-22add	4,245.0	4,246.0	321WEBR	11.1	15.000000	Limy sandstone
sld05-22-22add	4,246.0	4,247.0	321WEBR	10.7	56.000000	Limy sandstone
sld05-22-22add	4,247.0	4,248.0	321WEBR	12.7	101.000000	Limy sandstone
sld05-22-22add	4,248.0	4,249.0	321WEBR	12.8	39.000000	Limy sandstone
sld05-22-22add	4,249.0	4,250.0	321WEBR	13.1	64.000000	Limy sandstone
sld05-22-22add	4,250.0	4,251.0	321WEBR	12.8	36.000000	Limy sandstone
sld05-22-22add	4,251.0	4,252.0	321WEBR	9.8	13.000000	Sandstone
sld05-22-22add	4,252.0	4,253.0	321WEBR	4.0	0.500000	Limy sandstone
sld05-22-22add	4,253.0	4,254.0	321WEBR	2.7	0.000000	Limy sandstone
sld05-22-22add	4,254.0	4,255.0	321WEBR	3.5	0.000000	Limy sandstone
sld05-22-22add	4,255.0	4,256.0	321WEBR	3.6	0.000000	Limy sandstone
sld05-22-22add	4,256.0	4,257.0	321WEBR	4.6	0.000000	Limy sandstone
sld05-22-22add	4,257.0	4,258.0	321WEBR	11.3	0.100000	Limy sandstone
sld05-22-22add	4,258.0	4,259.0	321WEBR	12.4	0.000000	Limy sandstone
sld05-22-22add	4,259.0	4,260.0	321WEBR	14.8	0.400000	Limy sandstone
sld05-22-22add	4,260.0	4,261.0	321WEBR	12.6	0.100000	Limy sandstone
sld05-22-22add	4,261.0	4,262.0	321WEBR	12.7	6.200000	Sandstone
sld05-22-22add	4,262.0	4,263.0	321WEBR	14.0	14.000000	Sandstone
sld05-22-22add	4,263.0	4,264.0	321WEBR	13.1	17.000000	Sandstone
sld05-22-22add	4,264.0	4,265.0	321WEBR	12.5	32.000000	Sandstone
sld05-22-22add	4,265.0	4,266.0	321WEBR	13.7	63.000000	Sandstone
sld05-22-22add	4,266.0	4,267.0	321WEBR	12.2	31.000000	Sandstone
sld05-22-22add	4,267.0	4,268.0	321WEBR	5.5	0.000000	Limy sandstone
sld05-22-22add	4,268.0	4,269.0	321WEBR	11.3	11.000000	Sandstone

Table 4.--Laboratory-determined porosity and permeability--Continued

Site	Depth to top (feet)	Depth to bottom (feet)	Formation	Porosity (percent)	Permeability (millidarcies)	Lithology
sld05-22-22add	4,269.0	4,270.0	321WEBR	10.5	21.000000	Limy sandstone
sld05-22-22add	4,270.0	4,271.0	321WEBR	12.6	8.000000	Sandstone
sld05-22-22add	4,271.0	4,272.0	321WEBR	11.5	8.400000	Sandstone
sld05-22-22add	4,272.0	4,273.0	321WEBR	10.2	0.900000	Limy sandstone
sld05-22-22add	4,273.0	4,274.0	321WEBR	14.8	4.600000	Sandstone
sld05-22-22add	4,274.0	4,275.0	321WEBR	19.2	175.000000	Sandstone
sld05-22-22add	4,275.0	4,276.0	321WEBR	15.7	153.000000	Sandstone
sld05-22-22add	4,276.0	4,277.0	321WEBR	15.7	153.000000	Sandstone
sld05-22-22add	4,277.0	4,278.0	321WEBR	15.7	99.000000	Sandstone
sld05-22-22add	4,278.0	4,279.0	321WEBR	13.0	2.100000	Limy sandstone
sld05-22-22add	4,279.0	4,280.0	321WEBR	9.8	0.100000	Limy sandstone
sld05-22-22add	4,280.0	4,281.0	321WEBR	12.6	3.900000	Sandstone
sld05-22-22add	4,281.0	4,282.0	321WEBR	11.7	4.400000	Sandstone
sld05-22-22add	4,282.0	4,283.0	321WEBR	7.1	0.000000	Limy sandstone
sld05-22-22add	4,283.0	4,284.0	321WEBR	10.0	0.100000	Limy sandstone
sld05-22-22add	4,284.0	4,285.0	321WEBR	4.2	0.000000	Limy sandstone
sld05-22-22add	4,285.0	4,286.0	321WEBR	12.1	14.000000	Limy sandstone
sld05-22-22add	4,286.0	4,287.0	321WEBR	13.2	49.000000	Sandstone
sld05-22-22add	4,287.0	4,288.0	321WEBR	7.3	2.900000	Limy sandstone
sld05-22-22add	4,288.0	4,289.0	321WEBR	7.8	15.000000	Limy sandstone
sld05-22-22add	4,289.0	4,290.0	321WEBR	12.1	15.000000	Sandstone
sld05-22-22add	4,290.0	4,291.0	321WEBR	11.2	25.000000	Sandstone
sld05-22-22add	4,291.0	4,292.0	321WEBR	10.2	1.900000	Limy sandstone
sld05-22-22add	4,292.0	4,293.0	321WEBR	11.3	3.600000	Sandstone
AVERAGE--				12.5	44.110638	
SITE AVERAGE-----				12.5	44.110638	
sld05-22-23bca	4,083.0	4,084.0	321WEBR	14.4	45.000000	Sandstone
sld05-22-23bca	4,084.0	4,085.0	321WEBR	17.0	28.000000	Sandstone
sld05-22-23bca	4,085.0	4,086.0	321WEBR	17.1	81.000000	Sandstone
sld05-22-23bca	4,086.0	4,087.0	321WEBR	15.6	28.000000	Sandstone
sld05-22-23bca	4,087.0	4,088.0	321WEBR	16.0	63.000000	Sandstone
sld05-22-23bca	4,088.0	4,089.0	321WEBR	14.8	37.000000	Sandstone
sld05-22-23bca	4,089.0	4,090.0	321WEBR	12.1	240.000000	Sandstone
sld05-22-23bca	4,090.0	4,091.0	321WEBR	14.0	140.000000	Sandstone
sld05-22-23bca	4,091.0	4,092.0	321WEBR	15.7	394.000000	Sandstone
sld05-22-23bca	4,092.0	4,093.0	321WEBR	15.3	367.000000	Sandstone
sld05-22-23bca	4,093.0	4,094.0	321WEBR	14.6	212.000000	Sandstone
sld05-22-23bca	4,094.0	4,095.0	321WEBR	15.9	336.000000	Sandstone
sld05-22-23bca	4,095.0	4,096.0	321WEBR	15.7	121.000000	Sandstone
sld05-22-23bca	4,096.0	4,097.0	321WEBR	14.2	117.000000	Sandstone
sld05-22-23bca	4,097.0	4,098.0	321WEBR	19.0	277.000000	Sandstone
sld05-22-23bca	4,098.0	4,099.0	321WEBR	19.2	171.000000	Sandstone
sld05-22-23bca	4,099.0	4,100.0	321WEBR	16.9	274.000000	Sandstone
sld05-22-23bca	4,100.0	4,101.0	321WEBR	15.4	27.000000	Sandstone
sld05-22-23bca	4,101.0	4,102.0	321WEBR	11.8	4.100000	Limy sandstone
sld05-22-23bca	4,102.0	4,103.0	321WEBR	11.2	24.000000	Limy sandstone
sld05-22-23bca	4,103.0	4,104.0	321WEBR	12.2	21.000000	Limy sandstone
sld05-22-23bca	4,104.0	4,105.0	321WEBR	12.5	20.000000	Limy sandstone
sld05-22-23bca	4,105.0	4,106.0	321WEBR	11.1	12.000000	Limy sandstone
sld05-22-23bca	4,106.0	4,107.0	321WEBR	17.1	56.000000	Sandstone
sld05-22-23bca	4,107.0	4,108.0	321WEBR	16.0	42.000000	Sandstone

Table 4.--Laboratory-determined porosity and permeability--Continued

Site	Depth to top (feet)	Depth to bottom (feet)	Formation	Porosity (percent)	Permeability (millidarcies)	Lithology
sld05-22-23bca	4,108.0	4,109.0	321WEBR	15.9	34.000000	Sandstone
sld05-22-23bca	4,109.0	4,110.0	321WEBR	17.2	27.000000	Sandstone
sld05-22-23bca	4,110.0	4,111.0	321WEBR	17.0	47.000000	Sandstone
sld05-22-23bca	4,111.0	4,112.0	321WEBR	16.5	51.000000	Sandstone
sld05-22-23bca	4,112.0	4,113.0	321WEBR	17.2	37.000000	Sandstone
sld05-22-23bca	4,113.0	4,114.0	321WEBR	16.0	26.000000	Sandstone
sld05-22-23bca	4,114.0	4,115.0	321WEBR	14.7	27.000000	Sandstone
sld05-22-23bca	4,115.0	4,116.0	321WEBR	12.3	26.000000	Sandstone
sld05-22-23bca	4,116.0	4,117.0	321WEBR	2.9	0.000000	Limy sandstone
sld05-22-23bca	4,117.0	4,118.0	321WEBR	2.0	0.000000	Limy sandstone
sld05-22-23bca	4,118.0	4,119.0	321WEBR	4.1	0.000000	Limy sandstone
sld05-22-23bca	4,135.0	4,136.0	321WEBR	9.4	23.000000	Limy sandstone
sld05-22-23bca	4,136.0	4,137.0	321WEBR	7.3	4.500000	Limy sandstone
sld05-22-23bca	4,137.0	4,138.0	321WEBR	3.4	0.000000	Limy sandstone
sld05-22-23bca	4,138.0	4,139.0	321WEBR	11.8	59.000000	Sandstone
sld05-22-23bca	4,139.0	4,140.0	321WEBR	11.2	9.300000	Sandstone
sld05-22-23bca	4,140.0	4,141.0	321WEBR	9.6	6.300000	Sandstone
sld05-22-23bca	4,141.0	4,142.0	321WEBR	11.0	2.700000	Sandstone
sld05-22-23bca	4,142.0	4,143.0	321WEBR	12.9	26.000000	Sandstone
sld05-22-23bca	4,143.0	4,144.0	321WEBR	13.5	26.000000	Sandstone
sld05-22-23bca	4,144.0	4,145.0	321WEBR	11.3	21.000000	Sandstone
sld05-22-23bca	4,145.0	4,146.0	321WEBR	12.1	26.000000	Sandstone
sld05-22-23bca	4,146.0	4,147.0	321WEBR	10.7	11.000000	Sandstone
sld05-22-23bca	4,147.0	4,148.0	321WEBR	5.3	0.000000	Limy sandstone
sld05-22-23bca	4,148.0	4,149.0	321WEBR	0.4	0.000000	Limy sandstone
sld05-22-23bca	4,149.0	4,150.0	321WEBR	3.7	0.000000	Limy sandstone
sld05-22-23bca	4,150.0	4,151.0	321WEBR	14.5	1.900000	Limy sandstone
sld05-22-23bca	4,151.0	4,152.0	321WEBR	9.5	0.100000	Limy sandstone
sld05-22-23bca	4,152.0	4,153.0	321WEBR	10.8	21.000000	Limy sandstone
sld05-22-23bca	4,181.0	4,182.0	321WEBR	10.4	2.000000	Sandstone
sld05-22-23bca	4,182.0	4,183.0	321WEBR	11.0	11.300000	Sandstone
sld05-22-23bca	4,183.0	4,184.0	321WEBR	10.7	4.400000	Sandstone
sld05-22-23bca	4,184.0	4,185.0	321WEBR	11.4	3.600000	Sandstone
sld05-22-23bca	4,185.0	4,186.0	321WEBR	11.9	15.000000	Sandstone
sld05-22-23bca	4,186.0	4,187.0	321WEBR	6.9	5.000000	Limy sandstone
sld05-22-23bca	4,187.0	4,188.0	321WEBR	10.3	1.000000	Limy sandstone
sld05-22-23bca	4,188.0	4,189.0	321WEBR	7.7	0.000000	Limy sandstone
sld05-22-23bca	4,189.0	4,190.0	321WEBR	11.8	0.900000	Limy sandstone
sld05-22-23bca	4,190.0	4,191.0	321WEBR	11.6	1.100000	Limy sandstone
sld05-22-23bca	4,191.0	4,192.0	321WEBR	10.8	0.900000	Limy sandstone
sld05-22-23bca	4,192.0	4,193.0	321WEBR	11.5	0.700000	Limy sandstone
sld05-22-23bca	4,193.0	4,194.0	321WEBR	11.9	0.600000	Limy sandstone
sld05-22-23bca	4,194.0	4,195.0	321WEBR	7.9	0.000000	Sandstone
sld05-22-23bca	4,195.0	4,196.0	321WEBR	10.2	0.400000	Sandstone
sld05-22-23bca	4,196.0	4,197.0	321WEBR	12.8	6.600000	Sandstone
sld05-22-23bca	4,197.0	4,198.0	321WEBR	10.2	0.700000	Sandstone
sld05-22-23bca	4,198.0	4,199.0	321WEBR	12.0	9.100000	Sandstone
sld05-22-23bca	4,199.0	4,200.0	321WEBR	12.7	4.100000	Sandstone
sld05-22-23bca	4,200.0	4,201.0	321WEBR	11.4	1.000000	Sandstone
sld05-22-23bca	4,201.0	4,202.0	321WEBR	11.2	0.300000	Sandstone

Table 4.--Laboratory-determined porosity and permeability--Continued

Site	Depth to top (feet)	Depth to bottom (feet)	Formation	Porosity (percent)	Permeability (millidarcies)	Lithology
sld05-22-23bca	4,202.0	4,203.0	321WEBR	10.2	0.100000	Limy sandstone
sld05-22-23bca	4,203.0	4,204.0	321WEBR	10.2	0.100000	Limy sandstone
sld05-22-23bca	4,204.0	4,205.0	321WEBR	9.6	3.100000	Limy sandstone
sld05-22-23bca	4,205.0	4,206.0	321WEBR	7.6	2.000000	Limy sandstone
sld05-22-23bca	4,206.0	4,207.0	321WEBR	5.6	0.000000	Limy sandstone
sld05-22-23bca	4,207.0	4,208.0	321WEBR	4.9	0.000000	Limy sandstone
sld05-22-23bca	4,208.0	4,209.0	321WEBR	4.3	0.000000	Limy sandstone
sld05-22-23bca	4,209.0	4,210.0	321WEBR	8.2	0.000000	Limy sandstone
sld05-22-23bca	4,210.0	4,211.0	321WEBR	6.9	0.000000	Limy sandstone
sld05-22-23bca	4,211.0	4,212.0	321WEBR	8.4	0.000000	Limy sandstone
sld05-22-23bca	4,212.0	4,213.0	321WEBR	8.8	0.000000	Limy sandstone
sld05-22-23bca	4,213.0	4,214.0	321WEBR	6.2	0.000000	Limy sandstone
sld05-22-23bca	4,214.0	4,215.0	321WEBR	8.3	0.000000	Limy sandstone
sld05-22-23bca	4,215.0	4,216.0	321WEBR	8.3	0.000000	Limy sandstone
sld05-22-23bca	4,216.0	4,217.0	321WEBR	12.1	0.300000	Limy sandstone
sld05-22-23bca	4,217.0	4,218.0	321WEBR	11.8	1.400000	Sandstone
sld05-22-23bca	4,218.0	4,219.0	321WEBR	6.9	0.000000	Limy sandstone
sld05-22-23bca	4,219.0	4,220.0	321WEBR	10.3	0.100000	Limy sandstone
sld05-22-23bca	4,220.0	4,221.0	321WEBR	8.0	0.400000	Limy sandstone
sld05-22-23bca	4,221.0	4,222.0	321WEBR	11.0	12.000000	Limy sandstone
sld05-22-23bca	4,222.0	4,223.0	321WEBR	10.2	1.800000	Limy sandstone
sld05-22-23bca	4,223.0	4,224.0	321WEBR	9.0	0.500000	Limy sandstone
sld05-22-23bca	4,224.0	4,225.0	321WEBR	9.8	0.700000	Limy sandstone
sld05-22-23bca	4,225.0	4,226.0	321WEBR	12.7	0.500000	Limy sandstone
sld05-22-23bca	4,235.0	4,236.0	321WEBR	14.3	9.200000	Sandstone
sld05-22-23bca	4,236.0	4,237.0	321WEBR	14.8	28.000000	Sandstone
sld05-22-23bca	4,237.0	4,238.0	321WEBR	14.2	11.000000	Sandstone
sld05-22-23bca	4,238.0	4,239.0	321WEBR	16.3	49.000000	Sandstone
sld05-22-23bca	4,239.0	4,240.0	321WEBR	13.0	5.500000	Limy sandstone
sld05-22-23bca	4,240.0	4,241.0	321WEBR	11.0	1.700000	Sandstone
sld05-22-23bca	4,241.0	4,242.0	321WEBR	12.3	3.300000	Limy sandstone
sld05-22-23bca	4,242.0	4,243.0	321WEBR	12.1	3.500000	Sandstone
sld05-22-23bca	4,243.0	4,244.0	321WEBR	11.7	3.900000	Limy sandstone
sld05-22-23bca	4,244.0	4,245.0	321WEBR	13.4	12.000000	Sandstone
sld05-22-23bca	4,245.0	4,246.0	321WEBR	12.2	7.600000	Sandstone
sld05-22-23bca	4,246.0	4,247.0	321WEBR	14.1	7.000000	Sandstone
sld05-22-23bca	4,247.0	4,248.0	321WEBR	12.6	2.100000	Sandstone
sld05-22-23bca	4,248.0	4,249.0	321WEBR	12.8	17.000000	Sandstone
sld05-22-23bca	4,249.0	4,250.0	321WEBR	14.1	63.000000	Sandstone
sld05-22-23bca	4,250.0	4,251.0	321WEBR	15.3	10.000000	Sandstone
sld05-22-23bca	4,251.0	4,252.0	321WEBR	12.7	111.000000	Sandstone
sld05-22-23bca	4,252.0	4,253.0	321WEBR	15.0	28.000000	Sandstone
sld05-22-23bca	4,253.0	4,254.0	321WEBR	18.3	38.000000	Sandstone
sld05-22-23bca	4,254.0	4,255.0	321WEBR	15.8	37.000000	Sandstone
sld05-22-23bca	4,255.0	4,256.0	321WEBR	13.6	7.800000	Sandstone
sld05-22-23bca	4,256.0	4,257.0	321WEBR	15.9	23.000000	Sandstone
sld05-22-23bca	4,257.0	4,258.0	321WEBR	8.8	0.100000	Limestone and sandstone
sld05-22-23bca	4,258.0	4,259.0	321WEBR	12.6	17.000000	Limestone and sandstone
sld05-22-23bca	4,259.0	4,260.0	321WEBR	12.6	3.200000	Limestone and sandstone
sld05-22-23bca	4,260.0	4,261.0	321WEBR	19.0	40.000000	Limestone and sandstone



Table 4.--Laboratory-determined porosity and permeability--Continued

Site	Depth to top (feet)	Depth to bottom (feet)	Formation	Porosity (percent)	Permeability (millidarcies)	Lithology
sld05-22-23bca	4,261.0	4,262.0	321WEBR	11.2	2.900000	Sandstone
sld05-22-23bca	4,262.0	4,263.0	321WEBR	8.7	3.600000	Limy sandstone
sld05-22-23bca	4,263.0	4,264.0	321WEBR	13.0	45.000000	Sandstone
sld05-22-23bca	4,264.0	4,265.0	321WEBR	14.6	26.000000	Sandstone
sld05-22-23bca	4,265.0	4,266.0	321WEBR	14.1	28.000000	Sandstone
sld05-22-23bca	4,266.0	4,267.0	321WEBR	12.8	55.000000	Sandstone
sld05-22-23bca	4,267.0	4,268.0	321WEBR	10.0	13.000000	Sandstone
sld05-22-23bca	4,268.0	4,269.0	321WEBR	20.3	51.000000	Sandstone
AVERAGE--				11.9	33.872180	
SITE AVERAGE-----				11.9	33.872180	
sld05-22-23cba	4,053.0	4,054.0	317PRKC	7.2	1.760000	Sandy dolomite
sld05-22-23cba	4,054.0	4,055.0	317PRKC	10.9	3.800000	Sandy dolomite
sld05-22-23cba	4,055.0	4,056.0	317PRKC	8.4	5.100000	Sandy dolomite
sld05-22-23cba	4,056.0	4,057.0	317PRKC	10.3	8.400000	Sandy dolomite
sld05-22-23cba	4,057.0	4,058.0	317PRKC	10.2	0.350000	Sandy dolomite
sld05-22-23cba	4,058.0	4,059.0	317PRKC	7.3	0.250000	Sandy dolomite
sld05-22-23cba	4,059.0	4,060.0	317PRKC	7.1	0.300000	Sandy dolomite
sld05-22-23cba	4,060.0	4,061.0	317PRKC	6.7	0.120000	Sandy dolomite
sld05-22-23cba	4,061.0	4,062.0	317PRKC	5.3	0.000000	Dolomite
sld05-22-23cba	4,062.0	4,063.0	317PRKC	7.2	0.350000	Sandy dolomite
AVERAGE--				8.1	2.043000	
sld05-22-23cba	4,097.0	4,098.0	321WEBR	15.8	48.000000	Sandstone
sld05-22-23cba	4,098.0	4,099.0	321WEBR	13.0	21.000000	Sandstone
sld05-22-23cba	4,099.0	4,100.0	321WEBR	14.9	44.000000	Sandstone
sld05-22-23cba	4,100.0	4,101.0	321WEBR	15.8	68.000000	Sandstone
sld05-22-23cba	4,101.0	4,102.0	321WEBR	11.4	9.500000	Sandstone
sld05-22-23cba	4,102.0	4,103.0	321WEBR	14.5	18.000000	Sandstone
sld05-22-23cba	4,103.0	4,104.0	321WEBR	14.2	18.000000	Sandstone
sld05-22-23cba	4,104.0	4,105.0	321WEBR	14.5	54.000000	Sandstone
sld05-22-23cba	4,105.0	4,106.0	321WEBR	14.6	58.000000	Sandstone
sld05-22-23cba	4,106.0	4,107.0	321WEBR	13.2	41.000000	Sandstone
sld05-22-23cba	4,112.0	4,113.0	321WEBR	13.2	136.000000	Sandstone
sld05-22-23cba	4,113.0	4,114.0	321WEBR	13.4	380.000000	Sandstone
sld05-22-23cba	4,114.0	4,115.0	321WEBR	14.7	94.000000	Sandstone
sld05-22-23cba	4,115.0	4,116.0	321WEBR	15.0	94.000000	Sandstone
sld05-22-23cba	4,116.0	4,117.0	321WEBR	14.9	94.000000	Sandstone
sld05-22-23cba	4,117.0	4,118.0	321WEBR	15.8	220.000000	Sandstone
sld05-22-23cba	4,118.0	4,119.0	321WEBR	15.3	105.000000	Sandstone
sld05-22-23cba	4,119.0	4,120.0	321WEBR	16.2	300.000000	Sandstone
sld05-22-23cba	4,120.0	4,121.0	321WEBR	15.0	105.000000	Sandstone
sld05-22-23cba	4,121.0	4,122.0	321WEBR	13.8	170.000000	Sandstone
sld05-22-23cba	4,123.0	4,124.0	321WEBR	14.3	136.000000	Sandstone
sld05-22-23cba	4,124.0	4,125.0	321WEBR	13.5	44.000000	Sandstone
sld05-22-23cba	4,125.0	4,126.0	321WEBR	16.7	75.000000	Sandstone
sld05-22-23cba	4,126.0	4,127.0	321WEBR	14.6	62.000000	Sandstone
sld05-22-23cba	4,127.0	4,128.0	321WEBR	16.0	220.000000	Sandstone
sld05-22-23cba	4,128.0	4,129.0	321WEBR	12.5	29.000000	Sandstone
sld05-22-23cba	4,129.0	4,130.0	321WEBR	13.4	33.000000	Sandstone
sld05-22-23cba	4,130.0	4,131.0	321WEBR	11.5	44.000000	Sandstone
sld05-22-23cba	4,131.0	4,132.0	321WEBR	14.2	38.000000	Sandstone
sld05-22-23cba	4,132.0	4,133.0	321WEBR	13.9	58.000000	Sandstone

Table 4.--Laboratory-determined porosity and permeability--Continued

Site	Depth to top (feet)	Depth to bottom (feet)	Formation	Porosity (percent)	Permeability (millidarcies)	Lithology
sld05-22-23cba	4,133.0	4,134.0	321WEBR	14.7	38.000000	Sandstone
sld05-22-23cba	4,134.0	4,135.0	321WEBR	13.7	62.000000	Sandstone
sld05-22-23cba	4,135.0	4,136.0	321WEBR	16.2	83.000000	Sandstone
sld05-22-23cba	4,136.0	4,137.0	321WEBR	16.0	125.000000	Sandstone
sld05-22-23cba	4,137.0	4,138.0	321WEBR	16.0	72.000000	Sandstone
sld05-22-23cba	4,138.0	4,139.0	321WEBR	15.8	105.000000	Sandstone
sld05-22-23cba	4,139.0	4,140.0	321WEBR	15.8	83.000000	Sandstone
sld05-22-23cba	4,140.0	4,141.0	321WEBR	14.7	75.000000	Sandstone
sld05-22-23cba	4,141.0	4,142.0	321WEBR	15.3	79.000000	Sandstone
sld05-22-23cba	4,142.0	4,143.0	321WEBR	16.5	100.000000	Sandstone
sld05-22-23cba	4,143.0	4,144.0	321WEBR	14.0	72.000000	Sandstone
sld05-22-23cba	4,144.0	4,145.0	321WEBR	12.6	42.000000	Sandstone
sld05-22-23cba	4,145.0	4,146.0	321WEBR	12.8	27.000000	Sandstone
sld05-22-23cba	4,146.0	4,147.0	321WEBR	12.2	22.000000	Sandstone
sld05-22-23cba	4,147.0	4,148.0	321WEBR	14.5	66.000000	Sandstone
sld05-22-23cba	4,148.0	4,149.0	321WEBR	11.8	8.000000	Sandstone
sld05-22-23cba	4,149.0	4,150.0	321WEBR	13.3	24.000000	Sandstone
sld05-22-23cba	4,150.0	4,151.0	321WEBR	12.1	33.000000	Sandstone
sld05-22-23cba	4,151.0	4,152.0	321WEBR	14.7	66.000000	Sandstone
sld05-22-23cba	4,152.0	4,153.0	321WEBR	14.7	83.000000	Sandstone
sld05-22-23cba	4,153.0	4,154.0	321WEBR	14.9	50.000000	Sandstone
sld05-22-23cba	4,154.0	4,155.0	321WEBR	14.7	72.000000	Sandstone
sld05-22-23cba	4,155.0	4,156.0	321WEBR	16.1	50.000000	Sandstone
sld05-22-23cba	4,156.0	4,157.0	321WEBR	13.5	47.000000	Sandstone
sld05-22-23cba	4,157.0	4,158.0	321WEBR	15.5	94.000000	Sandstone
sld05-22-23cba	4,158.0	4,159.0	321WEBR	15.0	88.000000	Sandstone
sld05-22-23cba	4,159.0	4,160.0	321WEBR	15.7	83.000000	Sandstone
sld05-22-23cba	4,160.0	4,161.0	321WEBR	16.3	88.000000	Sandstone
sld05-22-23cba	4,161.0	4,162.0	321WEBR	11.8	79.000000	Sandstone
sld05-22-23cba	4,162.0	4,163.0	321WEBR	12.8	75.000000	Sandstone
sld05-22-23cba	4,163.0	4,164.0	321WEBR	14.0	68.000000	Sandstone
sld05-22-23cba	4,164.0	4,165.0	321WEBR	14.3	47.000000	Sandstone
sld05-22-23cba	4,165.0	4,166.0	321WEBR	10.8	33.000000	Sandstone
AVERAGE--				14.3	78.658730	
SITE AVERAGE-----				13.5	68.163425	
sld05-23-18cca	4,117.0	4,118.0	317PRKC	2.9	0.000000	Sucrose limestone
sld05-23-18cca	4,118.0	4,119.0	317PRKC	2.8	0.000000	Sucrose limestone
sld05-23-18cca	4,119.0	4,120.0	317PRKC	2.6	0.000000	Sucrose limestone
sld05-23-18cca	4,120.0	4,121.0	317PRKC	5.8	0.000000	Sucrose limestone
sld05-23-18cca	4,121.0	4,122.0	317PRKC	3.1	0.000000	Fine-grained, dolomitic limestone
sld05-23-18cca	4,122.0	4,123.0	317PRKC	2.4	0.000000	Fine-grained, dolomitic limestone
sld05-23-18cca	4,123.0	4,124.0	317PRKC	3.1	0.000000	Fine-grained, dolomitic limestone
sld05-23-18cca	4,124.0	4,125.0	317PRKC	2.1	0.000000	Fine-grained, dolomitic limestone
sld05-23-18cca	4,125.0	4,126.0	317PRKC	2.4	0.000000	Fine-grained, dolomitic limestone
sld05-23-18cca	4,126.0	4,127.0	317PRKC	2.3	0.000000	Fine-grained, dolomitic limestone
sld05-23-18cca	4,127.0	4,128.0	317PRKC	3.3	0.000000	Fine-grained to sandy limestone
sld05-23-18cca	4,128.0	4,129.0	317PRKC	3.9	0.000000	Fine-grained to sandy limestone
sld05-23-18cca	4,129.0	4,130.0	317PRKC	2.7	0.000000	Fine-grained to sandy limestone
sld05-23-18cca	4,156.0	4,157.0	317PRKC	3.5	0.000000	Finely crystalline to sandy limestone
sld05-23-18cca	4,157.0	4,158.0	317PRKC	2.4	0.000000	Finely crystalline to sandy limestone

Table 4.--Laboratory-determined porosity and permeability--Continued

Site	Depth to top (feet)	Depth to bottom (feet)	Formation	Porosity (percent)	Permeability (millidarcies)	Lithology
sld05-23-18cca	4,158.0	4,179.0	317PRKC	2.5	0.000000	Finely crystalline to sandy limestone
sld05-23-18cca	4,159.0	4,160.0	317PRKC	2.1	0.000000	Finely crystalline to sandy limestone
sld05-23-18cca	4,160.0	4,161.0	317PRKC	2.3	0.000000	Finely crystalline to sandy limestone
sld05-23-18cca	4,161.0	4,162.0	317PRKC	2.1	0.000000	Finely crystalline to sandy limestone
sld05-23-18cca	4,162.0	4,163.0	317PRKC	2.2	0.000000	Finely crystalline to sandy limestone
sld05-23-18cca	4,163.0	4,164.0	317PRKC	3.4	0.000000	Finely crystalline to sandy limestone
sld05-23-18cca	4,164.0	4,165.0	317PRKC	2.9	0.000000	Finely crystalline to sandy limestone
sld05-23-18cca	4,165.0	4,166.0	317PRKC	4.1	17.000000	Finely crystalline to sandy limestone
sld05-23-18cca	4,166.0	4,167.0	317PRKC	2.8	0.160000	Fractured, finely crystalline limestone
sld05-23-18cca	4,167.0	4,168.0	317PRKC	2.8	0.110000	Limestone breccia and shale
sld05-23-18cca	4,168.0	4,169.0	317PRKC	2.7	0.160000	Fractured, sucrose limestone
sld05-23-18cca	4,169.0	4,170.0	317PRKC	5.4	0.010000	Vuggy limestone
sld05-23-18cca	4,170.0	4,171.0	317PRKC	3.1	0.000000	Vuggy limestone
sld05-23-18cca	4,171.0	4,172.0	317PRKC	5.0	0.000000	Vuggy limestone
sld05-23-18cca	4,172.0	4,173.0	317PRKC	2.1	0.000000	Crystalline limestone
sld05-23-18cca	4,173.0	4,174.0	317PRKC	4.5	0.070000	Fractured, shaly and crystalline limestone
sld05-23-18cca	4,174.0	4,175.0	317PRKC	4.5	0.000000	Shale
sld05-23-18cca	4,175.0	4,176.0	317PRKC	2.0	0.010000	Fractured, shaly and crystalline limestone
sld05-23-18cca	4,176.0	4,177.0	317PRKC	9.7	0.010000	Fractured, shaly and crystalline limestone
sld05-23-18cca	4,187.0	4,188.0	317PRKC	6.2	0.010000	Shaly, sucrose limestone
sld05-23-18cca	4,196.0	4,197.0	317PRKC	6.2	0.000000	Shaly limestone
sld05-23-18cca	4,197.0	4,198.0	317PRKC	1.3	0.000000	Shaly limestone
sld05-23-18cca	4,198.0	4,199.0	317PRKC	1.9	0.000000	Shaly limestone
sld05-23-18cca	4,199.0	4,200.0	317PRKC	2.1	0.000000	Shaly limestone
sld05-23-18cca	4,200.0	4,201.0	317PRKC	1.8	0.000000	Shaly limestone
sld05-23-18cca	4,201.0	4,202.0	317PRKC	1.6	0.000000	Fine-grained, limy sandstone
sld05-23-18cca	4,202.0	4,203.0	317PRKC	2.1	0.010000	Sandy limestone
sld05-23-18cca	4,203.0	4,204.0	317PRKC	16.8	28.000000	Fine-grained, limy sandstone
sld05-23-18cca	4,204.0	4,205.0	317PRKC	17.9	19.000000	Fine-grained, limy sandstone
sld05-23-18cca	4,205.0	4,206.0	317PRKC	15.2	2.300000	Fine-grained sandstone and limestone
sld05-23-18cca	4,206.0	4,207.0	317PRKC	13.7	187.000000	Fractured, fine to coarse grained, limy sandstone
sld05-23-18cca	4,207.0	4,208.0	317PRKC	12.8	36.000000	Sandy dolomite
sld05-23-18cca	4,208.0	4,209.0	317PRKC	14.6	83.000000	Fine to medium grained, limy sandstone
sld05-23-18cca	4,209.0	4,210.0	317PRKC	13.9	10.000000	Fine to medium grained limy sandstone
sld05-23-18cca	4,210.0	4,211.0	317PRKC	15.9	30.000000	Shaly sandstone
sld05-23-18cca	4,211.0	4,212.0	317PRKC	9.9	2.500000	Fine-grained, quartzitic sandstone
sld05-23-18cca	4,212.0	4,213.0	317PRKC	14.5	31.000000	Fine-grained, quartzitic sandstone
sld05-23-18cca	4,213.0	4,214.0	317PRKC	13.6	60.000000	Fine-grained, quartzitic sandstone
sld05-23-18cca	4,214.0	4,215.0	317PRKC	13.8	13.000000	Fine-grained, quartzitic sandstone
AVERAGE--				5.7	9.617593	
sld05-23-18cca	6,076.0	6,077.0	331HMBG	7.7	56.000000	Fine-grained sandstone
sld05-23-18cca	6,077.0	6,078.0	331HMBG	15.7	60.000000	Fine-grained sandstone
sld05-23-18cca	6,078.0	6,079.0	331HMBG	10.4	1.000000	Fine-grained sandstone
sld05-23-18cca	6,079.0	6,080.0	331HMBG	8.6	19.000000	Fine-grained sandstone
sld05-23-18cca	6,080.0	6,081.0	331HMBG	13.2	31.000000	Fine-grained sandstone
sld05-23-18cca	6,081.0	6,082.0	331HMBG	10.1	0.250000	Fine-grained sandstone
sld05-23-18cca	6,082.0	6,083.0	331HMBG	6.3	2.100000	Fine-grained sandstone
sld05-23-18cca	6,083.0	6,084.0	331HMBG	10.0	28.000000	Fine-grained sandstone
sld05-23-18cca	6,084.0	6,085.0	331HMBG	6.8	7.300000	Fine-grained sandstone
sld05-23-18cca	6,085.0	6,086.0	331HMBG	5.2	0.080000	Fine-grained sandstone

Table 4.--Laboratory-determined porosity and permeability--Continued

Site	Depth to top (feet)	Depth to bottom (feet)	Formation	Porosity (percent)	Permeability (millidarcies)	Lithology
sld05-23-18cca	6,086.0	6,087.0	331HMBG	9.1	7.500000	Fine-grained sandstone
sld05-23-18cca	6,087.0	6,088.0	331HMBG	4.3	21.000000	Fine-grained sandstone
sld05-23-18cca	6,088.0	6,089.0	331HMBG	1.4	2.800000	Fine-grained sandstone
			AVERAGE--	8.4	18.156154	
SITE AVERAGE-----				6.2	11.274328	
sld05-23-21aaa	3,334.0	3,335.0	321WEBR	13.8	68.000000	Fine-grained, limy sandstone
sld05-23-21aaa	3,335.0	3,336.0	321WEBR	8.1	0.150000	Fine-grained, limy sandstone
sld05-23-21aaa	3,336.0	3,337.0	321WEBR	12.7	15.000000	Fine-grained, limy sandstone
sld05-23-21aaa	3,337.0	3,338.0	321WEBR	11.4	40.000000	Fine- to coarse-grained, limy sandstone
sld05-23-21aaa	3,338.0	3,339.0	321WEBR	13.0	23.000000	Fine-grained, limy sandstone
sld05-23-21aaa	3,339.0	3,340.0	321WEBR	12.5	40.000000	Fine-grained, limy sandstone
sld05-23-21aaa	3,340.0	3,341.0	321WEBR	13.2	33.000000	Fine-grained, limy sandstone
sld05-23-21aaa	3,341.0	3,342.0	321WEBR	12.9	98.000000	Fine- to coarse-grained, limy sandstone
sld05-23-21aaa	3,342.0	3,343.0	321WEBR	11.8	37.000000	Fine-grained, limy sandstone
sld05-23-21aaa	3,343.0	3,344.0	321WEBR	12.1	17.000000	Fine- to medium-grained, limy sandstone
sld05-23-21aaa	3,344.0	3,345.0	321WEBR	10.4	31.000000	Shaly, fine to medium-grained sandstone
			AVERAGE--	12.0	36.559091	
SITE AVERAGE-----				12.0	36.559091	
sld19-09-08bdb	5,148.0	5,149.0	317PRKC	4.3	0.000000	Shaly, finely crystalline dolomite
sld19-09-08bdb	5,151.0	5,152.0	317PRKC	3.1	0.000000	Finely crystalline limestone
sld19-09-08bdb	5,154.0	5,155.0	317PRKC	4.6	0.100000	Shaly, finely crystalline dolomite
sld19-09-08bdb	5,157.0	5,158.0	317PRKC	4.5	0.100000	Finely crystalline dolomite
sld19-09-08bdb	5,160.0	5,161.0	317PRKC	3.1	0.000000	Finely crystalline limy dolomite
sld19-09-08bdb	5,163.0	5,164.0	317PRKC	3.8	0.100000	Finely crystalline dolomite
sld19-09-08bdb	5,166.0	5,167.0	317PRKC	1.3	0.000000	Shaly, finely crystalline dolomite
sld19-09-08bdb	5,169.0	5,170.0	317PRKC	5.2	0.000000	Shaly, finely crystalline dolomite
sld19-09-08bdb	5,172.0	5,173.0	317PRKC	3.0	0.000000	Finely crystalline dolomite
sld19-09-08bdb	5,175.0	5,176.0	317PRKC	3.0	0.100000	Finely crystalline dolomite
			AVERAGE--	3.6	0.040000	
SITE AVERAGE-----				3.6	0.040000	
sld21-11-25ddd	0.2	0.5	317WTRM	15.1	375.000000	Medium-grained quartzitic sandstone
sld21-11-25ddd	1.4	1.8	317WTRM	18.8	970.000000	Medium-grained quartzitic sandstone
			AVERAGE--	17.0	672.500000	
SITE AVERAGE-----				17.0	672.500000	
sld23-11-27bca	1.4	2.1	317WTRM	21.7	1,390.000000	Quartz sandstone
sld23-11-27bca	2.5	2.8	317WTRM	24.6	3,080.000000	Quartz sandstone
			AVERAGE--	23.2	2,235.000000	
SITE AVERAGE-----				23.2	2,235.000000	
sld23-17-17ada	8,693.0	8,694.0	337RDLL	8.2	2.400000	Dolomite
sld23-17-17ada	8,697.0	8,698.0	337RDLL	5.7	0.210000	Dolomite
sld23-17-17ada	8,699.0	8,700.0	337RDLL	8.1	2.600000	Dolomite
sld23-17-17ada	8,706.0	8,707.0	337RDLL	5.0	2.800000	Dolomite
sld23-17-17ada	8,709.0	8,710.0	337RDLL	4.0	0.160000	Dolomite
sld23-17-17ada	8,713.0	8,714.0	337RDLL	6.2	6.700000	Dolomite
sld23-17-17ada	8,719.0	8,720.0	337RDLL	7.0	0.100000	Dolomite
sld23-17-17ada	8,723.0	8,724.0	337RDLL	3.4	11.800000	Dolomite
sld23-17-17ada	8,729.0	8,730.0	337RDLL	3.7	2.300000	Dolomite
sld23-17-17ada	8,731.0	8,732.0	337RDLL	3.6	2.400000	Dolomite

Table 4.--Laboratory-determined porosity and permeability--Continued

Site	Depth to top (feet)	Depth to bottom (feet)	Formation	Porosity (percent)	Permeability (millidarcies)	Lithology
sld23-17-17ada	8,733.0	8,734.0	337RDLL	4.7	15.000000	Dolomite
sld23-17-17ada	8,734.0	8,735.0	337RDLL	4.0	23.000000	Dolomite
sld23-17-17ada	8,736.0	8,737.0	337RDLL	3.8	2.700000	Dolomite
sld23-17-17ada	8,738.0	8,739.0	337RDLL	6.4	1.300000	Dolomite
sld23-17-17ada	8,740.0	8,741.0	337RDLL	6.7	7.000000	Dolomite
sld23-17-17ada	8,745.0	8,746.0	337RDLL	6.8	5.500000	Dolomite
sld23-17-17ada	8,746.0	8,747.0	337RDLL	6.8	73.000000	Dolomite
sld23-17-17ada	8,748.0	8,749.0	337RDLL	10.4	2.600000	Dolomite
sld23-17-17ada	8,751.0	8,752.0	337RDLL	4.4	24.000000	Dolomite
sld23-17-17ada	8,753.0	8,754.0	337RDLL	4.6	2.200000	Dolomite
sld23-17-17ada	8,755.0	8,756.0	337RDLL	4.8	0.300000	Dolomite
sld23-17-17ada	8,757.0	8,758.0	337RDLL	7.3	0.670000	Dolomite
sld23-17-17ada	8,760.0	8,761.0	337RDLL	5.9	2.100000	Dolomite
sld23-17-17ada	8,761.0	8,762.0	337RDLL	20.9	28.000000	Dolomite
sld23-17-17ada	8,764.0	8,765.0	337RDLL	7.1	2.100000	Limestone
sld23-17-17ada	8,766.0	8,767.0	337RDLL	12.9	0.000000	Dolomite
sld23-17-17ada	8,767.0	8,768.0	337RDLL	5.2	0.000000	Dolomite
sld23-17-17ada	8,768.0	8,769.0	337RDLL	5.9	1.000000	Dolomite
sld23-17-17ada	8,770.0	8,771.0	337RDLL	6.3	0.670000	Dolomite
sld23-17-17ada	8,773.0	8,774.0	337RDLL	10.8	1.000000	Dolomite
sld23-17-17ada	8,775.0	8,776.0	337RDLL	4.6	0.170000	Dolomite
sld23-17-17ada	8,781.0	8,782.0	337RDLL	8.0	0.560000	Dolomite
sld23-17-17ada	8,782.0	8,783.0	337RDLL	12.9	1.100000	Dolomite
sld23-17-17ada	8,785.0	8,786.0	337RDLL	6.6	0.200000	Dolomite
sld23-17-17ada	8,786.0	8,787.0	337RDLL	8.9	0.400000	Dolomite
sld23-17-17ada	8,788.0	8,789.0	337RDLL	7.6	50.000000	Dolomite
sld23-17-17ada	8,791.0	8,792.0	337RDLL	8.2	0.200000	Dolomite
sld23-17-17ada	8,793.0	8,794.0	337RDLL	8.9	0.600000	Dolomite
sld23-17-17ada	8,795.0	8,796.0	337RDLL	15.3	8.200000	Dolomite
sld23-17-17ada	8,797.0	8,798.0	337RDLL	7.4	0.000000	Dolomite
sld23-17-17ada	8,799.0	8,800.0	337RDLL	4.0	0.500000	Dolomite
sld23-17-17ada	8,802.0	8,803.0	337RDLL	7.5	0.200000	Dolomite
sld23-17-17ada	8,803.0	8,804.0	337RDLL	7.2	0.100000	Dolomite
sld23-17-17ada	8,805.0	8,806.0	337RDLL	6.9	0.200000	Dolomite
sld23-17-17ada	8,807.0	8,808.0	337RDLL	10.2	12.000000	Dolomite
sld23-17-17ada	8,808.0	8,809.0	337RDLL	7.4	0.500000	Dolomite
sld23-17-17ada	8,810.0	8,811.0	337RDLL	13.0	0.400000	Dolomite
sld23-17-17ada	8,812.0	8,813.0	337RDLL	8.2	0.400000	Dolomite
sld23-17-17ada	8,816.0	8,817.0	337RDLL	6.9	0.010000	Dolomite
sld23-17-17ada	8,817.0	8,818.0	337RDLL	7.6	0.300000	Dolomite
sld23-17-17ada	8,821.0	8,822.0	337RDLL	7.5	7.400000	Dolomite
sld23-17-17ada	8,823.0	8,824.0	337RDLL	8.8	0.020000	Dolomite
AVERAGE--				7.4	5.905192	
SITE AVERAGE-----				7.4	5.905192	
sld24-13-23cdd	2,200.0	2,201.0	317KIBB	0.8	0.040000	Finely crystalline dolomite
sld24-13-23cdd	2,201.0	2,202.0	317KIBB	0.7	0.030000	Finely crystalline dolomite
sld24-13-23cdd	2,202.0	2,203.0	317KIBB	0.9	0.040000	Finely crystalline dolomite
sld24-13-23cdd	2,203.0	2,204.0	317KIBB	0.7	0.040000	Finely crystalline dolomite
sld24-13-23cdd	2,204.0	2,205.0	317KIBB	0.4	0.040000	Finely crystalline dolomite

Table 4.--Laboratory-determined porosity and permeability--Continued

Site	Depth to top (feet)	Depth to bottom (feet)	Formation	Porosity (percent)	Permeability (millidarcies)	Lithology
sld24-13-23cdd	2,205.0	2,206.0	317KIBB	2.0	0.050000	Finely crystalline dolomite
sld24-13-23cdd	2,206.0	2,207.0	317KIBB	1.5	0.040000	Finely crystalline dolomite
sld24-13-23cdd	2,207.0	2,208.0	317KIBB	1.4	0.040000	Anhydritic, crystalline dolomite conglomerate
sld24-13-23cdd	2,208.0	2,209.0	317KIBB	1.0	0.030000	Finely crystalline dolomite
sld24-13-23cdd	2,209.0	2,210.0	317KIBB	0.9	0.040000	Anhydritic, crystalline dolomite conglomerate
sld24-13-23cdd	2,210.0	2,211.0	317KIBB	1.4	0.040000	Anhydritic, crystalline dolomite conglomerate
sld24-13-23cdd	2,211.0	2,212.0	317KIBB	1.7	0.030000	Anhydritic, crystalline dolomite conglomerate
sld24-13-23cdd	2,212.0	2,213.0	317KIBB	1.7	0.030000	Anhydritic, crystalline dolomite conglomerate
sld24-13-23cdd	2,213.0	2,214.0	317KIBB	1.5	0.030000	Anhydritic, crystalline dolomite conglomerate
sld24-13-23cdd	2,214.0	2,215.0	317KIBB	1.2	0.020000	Anhydritic, crystalline dolomite conglomerate
sld24-13-23cdd	2,215.0	2,216.0	317KIBB	0.8	0.020000	Anhydritic, crystalline dolomite conglomerate
sld24-13-23cdd	2,216.0	2,217.0	317KIBB	0.7	0.030000	Anhydritic, crystalline dolomite conglomerate
sld24-13-23cdd	2,217.0	2,218.0	317KIBB	2.0	0.060000	Anhydritic, crystalline dolomite conglomerate
sld24-13-23cdd	2,218.0	2,219.0	317KIBB	2.4	0.040000	Anhydritic, crystalline dolomite conglomerate
sld24-13-23cdd	2,219.0	2,220.0	317KIBB	2.2	0.030000	Anhydritic, crystalline dolomite conglomerate
sld24-13-23cdd	2,220.0	2,221.0	317KIBB	1.8	0.030000	Anhydritic, crystalline dolomite conglomerate
sld24-13-23cdd	2,221.0	2,222.0	317KIBB	2.4	0.010000	Anhydritic, crystalline dolomite conglomerate
sld24-13-23cdd	2,222.0	2,223.0	317KIBB	13.5	2.700000	Anhydritic, crystalline dolomite conglomerate
sld24-13-23cdd	2,223.0	2,224.0	317KIBB	8.1	0.150000	Anhydritic, crystalline dolomite conglomerate
sld24-13-23cdd	2,224.0	2,225.0	317KIBB	4.9	0.070000	Anhydritic, crystalline dolomite conglomerate
sld24-13-23cdd	2,225.0	2,226.0	317KIBB	8.8	0.100000	Anhydritic, crystalline dolomite conglomerate
sld24-13-23cdd	2,226.0	2,227.0	317KIBB	8.1	0.090000	Anhydritic, crystalline dolomite conglomerate
sld24-13-23cdd	2,227.0	2,228.0	317KIBB	7.3	0.070000	Anhydritic, crystalline dolomite conglomerate
sld24-13-23cdd	2,228.0	2,229.0	317KIBB	4.6	0.050000	Anhydritic, crystalline dolomite conglomerate
sld24-13-23cdd	2,229.0	2,230.0	317KIBB	6.0	0.050000	Anhydritic, crystalline dolomite conglomerate
sld24-13-23cdd	2,230.0	2,231.0	317KIBB	12.0	2.800000	Anhydritic, crystalline dolomite conglomerate
sld24-13-23cdd	2,231.0	2,232.0	317KIBB	10.5	0.780000	Anhydritic, crystalline dolomite conglomerate
sld24-13-23cdd	2,232.0	2,233.0	317KIBB	7.4	0.170000	Anhydritic, crystalline dolomite conglomerate
sld24-13-23cdd	2,233.0	2,234.0	317KIBB	8.8	0.190000	Anhydritic, crystalline dolomite conglomerate
sld24-13-23cdd	2,234.0	2,235.0	317KIBB	9.1	1.900000	Anhydritic, crystalline dolomite conglomerate
sld24-13-23cdd	2,235.0	2,236.0	317KIBB	8.8	0.060000	Anhydritic, crystalline dolomite conglomerate
AVERAGE--				4.1	0.276111	
SITE AVERAGE-----				4.1	0.276111	
sld25-13-12bac	3,823.0	3,824.0	337RDLL	11.2	0.360000	Finely crystalline dolomite
sld25-13-12bac	3,824.0	3,825.0	337RDLL	12.0	0.700000	Finely crystalline dolomite
sld25-13-12bac	3,825.0	3,826.0	337RDLL	7.2	0.390000	Finely crystalline dolomite
sld25-13-12bac	3,826.0	3,827.0	337RDLL	8.0	0.170000	Finely crystalline dolomite
sld25-13-12bac	3,827.0	3,828.0	337RDLL	12.2	0.700000	Finely crystalline dolomite
sld25-13-12bac	3,828.0	3,829.0	337RDLL	20.2	2.600000	Finely crystalline dolomite
sld25-13-12bac	3,829.0	3,830.0	337RDLL	19.6	1.100000	Finely crystalline dolomite
sld25-13-12bac	3,830.0	3,831.0	337RDLL	19.7	1.000000	Finely crystalline dolomite
sld25-13-12bac	3,831.0	3,832.0	337RDLL	18.6	0.910000	Finely crystalline dolomite
sld25-13-12bac	3,832.0	3,833.0	337RDLL	21.3	1.500000	Finely crystalline dolomite
sld25-13-12bac	3,833.0	3,834.0	337RDLL	17.7	1.500000	Finely crystalline dolomite
sld25-13-12bac	3,834.0	3,835.0	337RDLL	21.6	6.000000	Chalky, finely crystalline dolomite
sld25-13-12bac	3,835.0	3,836.0	337RDLL	15.8	7.000000	Chalky, finely crystalline dolomite
sld25-13-12bac	3,836.0	3,837.0	337RDLL	20.1	5.100000	Chalky, finely crystalline dolomite
sld25-13-12bac	3,837.0	3,838.0	337RDLL	11.4	0.280000	Chalky, finely crystalline dolomite

Table 4.--Laboratory-determined porosity and permeability--Continued

Site	Depth to top (feet)	Depth to bottom (feet)	Formation	Porosity (percent)	Permeability (millidarcies)	Lithology
sld25-13-12bac	3,838.0	3,839.0	337RDLL	11.3	0.230000	Chalky, finely crystalline dolomite
sld25-13-12bac	3,839.0	3,840.0	337RDLL	13.2	0.430000	Chalky, finely crystalline dolomite
sld25-13-12bac	3,941.0	3,942.0	337RDLL	1.5	0.080000	Anhydritic, finely crystalline dolomite
sld25-13-12bac	3,942.0	3,943.0	337RDLL	4.3	0.060000	Anhydritic, finely crystalline dolomite
sld25-13-12bac	3,943.0	3,944.0	337RDLL	2.1	0.020000	Finely crystalline dolomite
sld25-13-12bac	3,944.0	3,945.0	337RDLL	6.5	0.150000	Finely crystalline dolomite
sld25-13-12bac	3,945.0	3,946.0	337RDLL	10.0	0.210000	Finely crystalline dolomite
sld25-13-12bac	3,946.0	3,947.0	337RDLL	6.6	0.040000	Anhydritic, finely crystalline dolomite
sld25-13-12bac	3,947.0	3,948.0	337RDLL	8.3	0.050000	Finely crystalline dolomite
sld25-13-12bac	3,948.0	3,949.0	337RDLL	10.3	0.110000	Finely crystalline dolomite
sld25-13-12bac	3,949.0	3,950.0	337RDLL	9.1	0.180000	Finely crystalline dolomite
sld25-13-12bac	3,950.0	3,951.0	337RDLL	8.3	0.070000	Finely crystalline dolomite
sld25-13-12bac	3,951.0	3,952.0	337RDLL	7.7	0.030000	Finely crystalline dolomite
sld25-13-12bac	3,952.0	3,953.0	337RDLL	5.9	0.020000	Finely crystalline dolomite
sld25-13-12bac	3,953.0	3,954.0	337RDLL	6.0	0.020000	Finely crystalline dolomite
sld25-13-12bac	3,954.0	3,955.0	337RDLL	7.1	0.030000	Finely crystalline dolomite
sld25-13-12bac	3,955.0	3,956.0	337RDLL	6.2	8.200000	Finely crystalline dolomite
sld25-13-12bac	3,956.0	3,957.0	337RDLL	6.1	0.020000	Finely crystalline dolomite
sld25-13-12bac	3,957.0	3,958.0	337RDLL	5.2	0.020000	Finely crystalline dolomite
sld25-13-12bac	3,958.0	3,959.0	337RDLL	5.8	0.030000	Finely crystalline dolomite
sld25-13-12bac	3,959.0	3,960.0	337RDLL	4.6	0.020000	Finely crystalline dolomite
			AVERAGE--	10.6	1.092500	
SITE AVERAGE-----				10.6	1.092500	
sld26-20-29ada	7,638.0	7,639.0	337RDLL	1.8	0.400000	Crinoid limestone
sld26-20-29ada	7,643.0	7,644.0	337RDLL	1.9	0.400000	Crinoid limestone
sld26-20-29ada	7,648.0	7,649.0	337RDLL	6.8	1.400000	Anhydritic dolomite
sld26-20-29ada	7,664.0	7,665.0	337RDLL	2.8	68.000000	Algal limestone
sld26-20-29ada	7,734.0	7,735.0	337RDLL	8.8	2.500000	Crinoid dolomite
sld26-20-29ada	7,786.0	7,787.0	337RDLL	11.3	0.800000	Dolomite
sld26-20-29ada	7,847.5	7,848.5	337RDLL	15.9	24.000000	Crinoid dolomite
sld26-20-29ada	7,863.0	7,864.0	337RDLL	10.4	18.000000	Crinoid dolomite
			AVERAGE--	7.5	14.437500	
sld26-20-29ada	8,295.0	8,296.0	341ELBR	3.2	0.040000	Quartzitic sandstone
sld26-20-29ada	8,296.0	8,297.0	341ELBR	7.0	0.100000	Quartzitic sandstone
sld26-20-29ada	8,297.0	8,298.0	341ELBR	8.4	0.130000	Quartzitic sandstone
sld26-20-29ada	8,298.0	8,299.0	341ELBR	11.9	0.680000	Quartzitic sandstone
sld26-20-29ada	8,299.0	8,300.0	341ELBR	10.0	1.000000	Quartzitic sandstone
sld26-20-29ada	8,301.0	8,302.0	341ELBR	6.9	0.060000	Quartzitic sandstone
sld26-20-29ada	8,302.0	8,303.0	341ELBR	6.2	5.500000	Quartzitic sandstone
sld26-20-29ada	8,303.0	8,304.0	341ELBR	6.9	1.600000	Quartzitic sandstone
			AVERAGE--	7.6	1.138750	
SITE AVERAGE-----				7.5	7.788125	
sld27-12-09aca	2,670.0	2,671.0	317KIBB	6.5	2.100000	Dolomite
sld27-12-09aca	2,671.0	2,672.0	317KIBB	6.4	1.700000	Dolomite
sld27-12-09aca	2,672.0	2,673.0	317KIBB	9.2	1.500000	Dolomite
sld27-12-09aca	2,673.0	2,674.0	317KIBB	7.7	0.000000	Dolomite
sld27-12-09aca	2,674.0	2,675.0	317KIBB	10.6	18.100000	Dolomite

Table 4.--Laboratory-determined porosity and permeability--Continued

Site	Depth to top (feet)	Depth to bottom (feet)	Formation	Porosity (percent)	Permeability (millidarcies)	Lithology
sld27-12-09aca	2,675.0	2,676.0	317KIBB	8.7	5.500000	Dolomite
sld27-12-09aca	2,676.0	2,677.0	317KIBB	10.1	2.600000	Dolomite
sld27-12-09aca	2,677.0	2,678.0	317KIBB	10.6	17.500000	Dolomite
sld27-12-09aca	2,678.0	2,679.0	317KIBB	12.9	22.200000	Dolomite
sld27-12-09aca	2,679.0	2,680.0	317KIBB	7.4	5.700000	Dolomite
sld27-12-09aca	2,680.0	2,680.5	317KIBB	12.9	16.800000	Dolomite
sld27-12-09aca	2,680.5	2,681.0	317KIBB	13.3	13.500000	Dolomite
sld27-12-09aca	2,681.0	2,681.5	317KIBB	14.2	120.000000	Dolomite
sld27-12-09aca	2,681.5	2,682.0	317KIBB	17.2	590.000000	Dolomite
sld27-12-09aca	2,682.0	2,682.5	317KIBB	13.1	260.000000	Dolomite
sld27-12-09aca	2,682.5	2,683.0	317KIBB	16.5	175.000000	Dolomite
sld27-12-09aca	2,683.0	2,683.5	317KIBB	17.3	408.000000	Dolomite
sld27-12-09aca	2,683.5	2,684.0	317KIBB	14.0	174.000000	Dolomite
sld27-12-09aca	2,684.0	2,684.5	317KIBB	9.9	28.600000	Dolomite
sld27-12-09aca	2,684.5	2,685.0	317KIBB	18.1	307.000000	Dolomite
sld27-12-09aca	2,685.0	2,685.5	317KIBB	17.6	50.200000	Dolomite
sld27-12-09aca	2,685.5	2,686.0	317KIBB	8.4	42.100000	Dolomite
sld27-12-09aca	2,686.0	2,686.5	317KIBB	12.3	140.000000	Dolomite
sld27-12-09aca	2,686.5	2,687.0	317KIBB	9.5	50.200000	Dolomite
sld27-12-09aca	2,687.0	2,687.5	317KIBB	12.6	72.100000	Dolomite
sld27-12-09aca	2,687.5	2,688.0	317KIBB	18.1	244.000000	Dolomite
sld27-12-09aca	2,688.0	2,688.5	317KIBB	19.9	148.000000	Dolomite
sld27-12-09aca	2,688.5	2,689.0	317KIBB	11.7	83.700000	Dolomite
sld27-12-09aca	2,689.0	2,689.5	317KIBB	15.7	80.500000	Dolomite
sld27-12-09aca	2,689.5	2,690.0	317KIBB	14.9	156.000000	Dolomite
sld27-12-09aca	2,690.0	2,691.0	317KIBB	16.8	218.000000	Dolomite
sld27-12-09aca	2,691.0	2,692.0	317KIBB	15.2	46.300000	Dolomite
sld27-12-09aca	2,692.0	2,693.0	317KIBB	19.0	380.000000	Dolomite
sld27-12-09aca	2,693.0	2,694.0	317KIBB	17.8	530.000000	Dolomite
sld27-12-09aca	2,694.0	2,695.0	317KIBB	18.9	132.000000	Dolomite
sld27-12-09aca	2,695.0	2,696.0	317KIBB	10.5	16.200000	Dolomite
sld27-12-09aca	2,696.0	2,697.0	317KIBB	11.9	24.000000	Dolomite
sld27-12-09aca	2,697.0	2,698.0	317KIBB	14.4	27.100000	Dolomite
sld27-12-09aca	2,698.0	2,699.0	317KIBB	9.5	10.900000	Dolomite
sld27-12-09aca	2,699.0	2,700.0	317KIBB	7.6	4.000000	Dolomite
sld27-12-09aca	2,700.0	2,701.0	317KIBB	14.7	71.300000	Dolomite
sld27-12-09aca	2,701.0	2,702.0	317KIBB	13.2	58.900000	Dolomite
sld27-12-09aca	2,702.0	2,703.0	317KIBB	13.4	32.100000	Dolomite
sld27-12-09aca	2,703.0	2,704.0	317KIBB	15.9	370.000000	Dolomite
sld27-12-09aca	2,704.0	2,705.0	317KIBB	10.4	320.000000	Dolomite
sld27-12-09aca	2,705.0	2,706.0	317KIBB	15.4	260.000000	Dolomite
sld27-12-09aca	2,706.0	2,707.0	317KIBB	16.3	420.000000	Dolomite
sld27-12-09aca	2,707.0	2,708.0	317KIBB	19.1	610.000000	Dolomite
sld27-12-09aca	2,708.0	2,709.0	317KIBB	18.2	520.000000	Dolomite
sld27-12-09aca	2,709.0	2,710.0	317KIBB	17.7	640.000000	Dolomite
sld27-12-09aca	2,710.0	2,711.0	317KIBB	20.4	1,120.000000	Dolomite
sld27-12-09aca	2,711.0	2,712.0	317KIBB	22.4	1,250.000000	Dolomite
sld27-12-09aca	2,712.0	2,713.0	317KIBB	17.3	860.000000	Dolomite
sld27-12-09aca	2,713.0	2,714.0	317KIBB	18.3	710.000000	Dolomite
sld27-12-09aca	2,714.0	2,715.0	317KIBB	17.6	1,250.000000	Dolomite



Table 4.--Laboratory-determined porosity and permeability--Continued

Site	Depth to top (feet)	Depth to bottom (feet)	Forma- tion	Porosity (percent)	Perme- ability (milli- darcies)	Lithology
sld27-12-09aca	2,715.0	2,716.0	317KIBB	16.9	1,450.000000	Dolomite
sld27-12-09aca	2,716.0	2,717.0	317KIBB	17.5	1,310.000000	Dolomite
sld27-12-09aca	2,717.0	2,718.0	317KIBB	17.0	1,180.000000	Dolomite
sld27-12-09aca	2,718.0	2,719.0	317KIBB	16.1	240.000000	Dolomite
sld27-12-09aca	2,719.0	2,720.0	317KIBB	12.8	215.000000	Dolomite
AVERAGE--				14.2	291.873333	
SITE AVERAGE-----				14.2	291.873333	
sld28-23-17cbd	8,385.0	8,386.0	337RDLL	12.4	0.100000	Dolomite
sld28-23-17cbd	8,386.0	8,387.0	337RDLL	5.1	0.100000	Dolomite
sld28-23-17cbd	8,387.0	8,388.0	337RDLL	2.5	0.000000	Dolomite
sld28-23-17cbd	8,388.0	8,389.0	337RDLL	2.2	0.000000	Dolomite
sld28-23-17cbd	8,389.0	8,390.0	337RDLL	1.7	0.000000	Dolomite
sld28-23-17cbd	8,390.0	8,391.0	337RDLL	8.8	2.900000	Dolomite
sld28-23-17cbd	8,391.0	8,392.0	337RDLL	10.9	0.200000	Dolomite
sld28-23-17cbd	8,392.0	8,393.0	337RDLL	10.3	0.300000	Dolomite
sld28-23-17cbd	8,393.0	8,394.0	337RDLL	5.8	2.000000	Dolomite
sld28-23-17cbd	8,394.0	8,395.0	337RDLL	2.5	0.000000	Dolomite
sld28-23-17cbd	8,395.0	8,396.0	337RDLL	6.5	0.000000	Dolomite
sld28-23-17cbd	8,396.0	8,397.0	337RDLL	3.3	0.000000	Dolomite
sld28-23-17cbd	8,415.0	8,416.0	337RDLL	8.4	0.290000	Dolomite
sld28-23-17cbd	8,416.0	8,417.0	337RDLL	2.1	0.000000	Dolomite
sld28-23-17cbd	8,417.0	8,418.0	337RDLL	4.5	0.000000	Dolomite
sld28-23-17cbd	8,418.0	8,419.0	337RDLL	3.6	0.000000	Dolomite
sld28-23-17cbd	8,419.0	8,420.0	337RDLL	5.5	0.030000	Dolomite
sld28-23-17cbd	8,420.0	8,421.0	337RDLL	6.8	0.000000	Dolomite
sld28-23-17cbd	8,421.0	8,422.0	337RDLL	5.6	0.200000	Dolomite
sld28-23-17cbd	8,422.0	8,423.0	337RDLL	7.7	0.010000	Dolomite
sld28-23-17cbd	8,423.0	8,424.0	337RDLL	6.2	1.400000	Dolomite
sld28-23-17cbd	8,424.0	8,425.0	337RDLL	2.2	0.000000	Dolomite
AVERAGE--				5.7	0.342273	
SITE AVERAGE-----				5.7	0.342273	
sld29-24-35aca	2,577.0	2,578.0	317CTLR	3.4	0.060000	Silty and clayey sandstone
sld29-24-35aca	2,578.0	2,579.0	317CTLR	4.5	0.310000	Silty and clayey sandstone
sld29-24-35aca	2,579.0	2,580.0	317CTLR	4.0	0.100000	Silty and clayey sandstone
sld29-24-35aca	2,580.0	2,581.0	317CTLR	4.0	0.280000	Silty and clayey sandstone
sld29-24-35aca	2,581.0	2,582.0	317CTLR	3.0	0.090000	Silty and clayey sandstone
sld29-24-35aca	2,582.0	2,583.0	317CTLR	4.0	2.080000	Silty and clayey sandstone
sld29-24-35aca	2,583.0	2,584.0	317CTLR	1.5	0.110000	Silty and clayey sandstone
sld29-24-35aca	2,584.0	2,585.0	317CTLR	8.9	0.150000	Silty and clayey sandstone
sld29-24-35aca	2,585.0	2,586.0	317CTLR	6.2	0.120000	Silty and clayey sandstone
sld29-24-35aca	2,586.0	2,587.0	317CTLR	6.2	0.130000	Silty and clayey sandstone
sld29-24-35aca	2,587.0	2,588.0	317CTLR	3.9	0.060000	Silty and clayey sandstone
sld29-24-35aca	2,588.0	2,589.0	317CTLR	3.6	0.070000	Silty and clayey sandstone
sld29-24-35aca	2,589.0	2,590.0	317CTLR	4.0	0.110000	Silty and clayey sandstone
sld29-24-35aca	2,590.0	2,591.0	317CTLR	4.1	0.100000	Silty and clayey sandstone
sld29-24-35aca	2,591.0	2,592.0	317CTLR	4.3	0.120000	Clayey, fine-grained sandstone
sld29-24-35aca	2,592.0	2,593.0	317CTLR	5.6	0.100000	Clayey, fine-grained sandstone
sld29-24-35aca	2,593.0	2,594.0	317CTLR	6.2	0.170000	Clayey, fine-grained sandstone
sld29-24-35aca	2,594.0	2,595.0	317CTLR	6.1	0.230000	Clayey, fine-grained sandstone
sld29-24-35aca	2,595.0	2,596.0	317CTLR	8.7	0.250000	Clayey, fine-grained sandstone
sld29-24-35aca	2,596.0	2,597.0	317CTLR	6.3	0.710000	Clayey, fine-grained sandstone

Table 4.--Laboratory-determined porosity and permeability--Continued

Site	Depth to top (feet)	Depth to bottom (feet)	Formation	Porosity (percent)	Permeability (millidarcies)	Lithology
sld29-24-35aca	2,597.0	2,598.0	317CTLR	14.5	0.600000	Clayey, fine-grained sandstone
sld29-24-35aca	2,598.0	2,599.0	317CTLR	20.4	0.570000	Clayey, fine-grained sandstone
sld29-24-35aca	2,599.0	2,600.0	317CTLR	17.2	1.500000	Clayey, fine-grained sandstone
sld29-24-35aca	2,600.0	2,601.0	317CTLR	15.2	0.230000	Clayey, fine-grained sandstone
sld29-24-35aca	2,601.0	2,602.0	317CTLR	14.6	1.400000	Clayey, fine-grained sandstone
sld29-24-35aca	2,602.0	2,603.0	317CTLR	13.7	10.200000	Fine-grained sandstone
AVERAGE--				7.5	0.763462	
SITE AVERAGE-----				7.5	0.763462	
sld30-16-16dcd	1,474.0	1,475.0	317WTRM	13.2	16.000000	Fine-grained sandstone
sld30-16-16dcd	1,475.0	1,476.0	317WTRM	9.7	0.290000	Fine- to medium-grained sandstone
sld30-16-16dcd	1,476.0	1,477.0	317WTRM	14.2	1.200000	Fine-grained sandstone
sld30-16-16dcd	1,477.0	1,478.0	317WTRM	12.0	3.100000	Fine-grained sandstone
sld30-16-16dcd	1,478.0	1,479.0	317WTRM	11.8	17.000000	Fine-grained sandstone
sld30-16-16dcd	1,479.0	1,480.0	317WTRM	13.0	2.000000	Fine- to medium-grained sandstone
sld30-16-16dcd	1,480.0	1,481.0	317WTRM	13.2	2.000000	Fine- to medium-grained sandstone
sld30-16-16dcd	1,481.0	1,482.0	317WTRM	13.6	0.260000	Fine-grained sandstone
sld30-16-16dcd	1,482.0	1,483.0	317WTRM	17.8	73.000000	Fine-grained sandstone
sld30-16-16dcd	1,483.0	1,484.0	317WTRM	12.3	1.300000	Fine-grained sandstone
sld30-16-16dcd	1,484.0	1,485.0	317WTRM	8.6	0.530000	Clayey, fine-grained sandstone
sld30-16-16dcd	1,485.0	1,486.0	317WTRM	10.4	2.200000	Clayey, fine-grained sandstone
sld30-16-16dcd	1,486.0	1,487.0	317WTRM	17.0	72.000000	Fine-grained sandstone
sld30-16-16dcd	1,487.0	1,488.0	317WTRM	11.2	2.700000	Clayey, fine-grained sandstone
sld30-16-16dcd	1,488.0	1,489.0	317WTRM	21.9	168.000000	Fine-grained sandstone
sld30-16-16dcd	1,489.0	1,490.0	317WTRM	23.3	290.000000	Fine-grained sandstone
sld30-16-16dcd	1,490.0	1,491.0	317WTRM	24.7	459.000000	Fine-grained sandstone
sld30-16-16dcd	1,491.0	1,492.0	317WTRM	25.0	667.000000	Fine-grained sandstone
sld30-16-16dcd	1,492.0	1,493.0	317WTRM	20.7	349.000000	Fine-grained sandstone
sld30-16-16dcd	1,493.0	1,494.0	317WTRM	17.8	135.000000	Fine- to medium-grained sandstone
sld30-16-16dcd	1,494.0	1,495.0	317WTRM	21.2	354.000000	Fine- to medium-grained sandstone
sld30-16-16dcd	1,495.0	1,496.0	317WTRM	19.4	643.000000	Clayey, fine- to medium-grained sandstone
sld30-16-16dcd	1,496.0	1,497.0	317WTRM	22.9	472.000000	Clayey, fine- to medium-grained sandstone
sld30-16-16dcd	1,497.0	1,498.0	317WTRM	15.9	4.500000	Fine- to medium-grained, quartzitic sandstone
sld30-16-16dcd	1,498.0	1,499.0	317WTRM	17.1	149.000000	Fine-grained, quartzitic sandstone
sld30-16-16dcd	1,499.0	1,500.0	317WTRM	17.1	244.000000	Fine-grained sandstone
sld30-16-16dcd	1,500.0	1,501.0	317WTRM	16.2	17.000000	Fine-grained sandstone
sld30-16-16dcd	1,501.0	1,502.0	317WTRM	16.5	135.000000	Fine-grained sandstone
sld30-16-16dcd	1,502.0	1,503.0	317WTRM	20.3	269.000000	Fine-grained sandstone
sld30-16-16dcd	1,503.0	1,504.0	317WTRM	24.1	1,320.000000	Fine-grained sandstone
sld30-16-16dcd	1,504.0	1,505.0	317WTRM	20.4	115.000000	Fine-grained sandstone
sld30-16-16dcd	1,505.0	1,506.0	317WTRM	24.4	516.000000	Fine-grained sandstone
sld30-16-16dcd	1,506.0	1,507.0	317WTRM	25.0	603.000000	Fine-grained sandstone
sld30-16-16dcd	1,507.0	1,508.0	317WTRM	22.2	430.000000	Fine-grained sandstone
sld30-16-16dcd	1,508.0	1,509.0	317WTRM	22.4	437.000000	Fine-grained sandstone
sld30-16-16dcd	1,509.0	1,510.0	317WTRM	20.8	232.000000	Fine-grained sandstone
sld30-16-16dcd	1,510.0	1,511.0	317WTRM	20.9	506.000000	Fine-grained sandstone
sld30-16-16dcd	1,511.0	1,512.0	317WTRM	26.1	445.000000	Fine-grained sandstone
sld30-16-16dcd	1,512.0	1,513.0	317WTRM	26.6	1,475.000000	Fine- to medium-grained sandstone
sld30-16-16dcd	1,513.0	1,514.0	317WTRM	26.6	713.000000	Fine- to medium-grained sandstone

Table 4.--Laboratory-determined porosity and permeability--Continued

Site	Depth to top (feet)	Depth to bottom (feet)	Formation	Porosity (percent)	Permeability (millidarcies)	Lithology
sld30-16-16dcd	1,514.0	1,515.0	317WTRM	25.5	549.000000	Fine- to medium-grained sandstone
sld30-16-16dcd	1,515.0	1,516.0	317WTRM	27.5	1,380.000000	Fine- to medium-grained sandstone
sld30-16-16dcd	1,516.0	1,517.0	317WTRM	26.3	1,450.000000	Fine- to medium-grained sandstone
sld30-16-16dcd	1,517.0	1,518.0	317WTRM	26.8	792.000000	Fine- to medium-grained sandstone
sld30-16-16dcd	1,518.0	1,519.0	317WTRM	26.0	648.000000	Fine- to medium-grained sandstone
sld30-16-16dcd	1,519.0	1,520.0	317WTRM	25.9	971.000000	Fine- to medium-grained sandstone
sld30-16-16dcd	1,520.0	1,521.0	317WTRM	26.4	1,780.000000	Medium grained sandstone
sld30-16-16dcd	1,521.0	1,522.0	317WTRM	22.5	486.000000	Fine-grained sandstone
sld30-16-16dcd	1,522.0	1,523.0	317WTRM	26.2	1,055.000000	Fine-grained sandstone
sld30-16-16dcd	1,523.0	1,524.0	317WTRM	25.4	620.000000	Fine- to medium-grained sandstone
sld30-16-16dcd	1,524.0	1,525.0	317WTRM	22.7	806.000000	Fine-grained sandstone
sld30-16-16dcd	1,525.0	1,526.0	317WTRM	26.4	1,330.000000	Fine- to medium-grained sandstone
sld30-16-16dcd	1,526.0	1,527.0	317WTRM	26.1	405.000000	Fine-grained sandstone
sld30-16-16dcd	1,527.0	1,528.0	317WTRM	27.7	9.000000	Fine- to medium-grained sandstone
sld30-16-16dcd	1,528.0	1,529.0	317WTRM	27.6	0.240000	Fine-grained sandstone
sld30-16-16dcd	1,529.0	1,530.0	317WTRM	27.6	0.210000	Fine- to medium-grained sandstone
sld30-16-16dcd	1,530.0	1,531.0	317WTRM	20.9	0.620000	Fine-grained, quartzitic sandstone
sld30-16-16dcd	1,531.0	1,532.0	317WTRM	21.8	0.160000	Medium-grained, quartzitic sandstone
sld30-16-16dcd	1,532.0	1,533.0	317WTRM	18.2	0.760000	Fine-grained, quartzitic sandstone
sld30-16-16dcd	1,533.0	1,534.0	317WTRM	17.9	103.000000	Fine-grained sandstone
sld30-16-16dcd	1,534.0	1,535.0	317WTRM	21.4	332.000000	Fine-grained sandstone
sld30-16-16dcd	1,535.0	1,536.0	317WTRM	23.5	622.000000	Fine-grained sandstone
sld30-16-16dcd	1,536.0	1,537.0	317WTRM	26.2	421.000000	Fine-grained sandstone
sld30-16-16dcd	1,537.0	1,538.0	317WTRM	23.0	911.000000	Fine-grained sandstone
sld30-16-16dcd	1,538.0	1,539.0	317WTRM	20.7	112.000000	Fine- to medium-grained sandstone
sld30-16-16dcd	1,539.0	1,540.0	317WTRM	17.7	89.000000	Clayey, fine-grained, quartzitic sandstone
sld30-16-16dcd	1,540.0	1,541.0	317WTRM	22.0	292.000000	Fine- to medium-grained sandstone
sld30-16-16dcd	1,541.5	1,542.0	317WTRM	20.4	933.000000	Clayey, fine- to medium-grained sandstone
sld30-16-16dcd	1,542.0	1,543.0	317WTRM	24.8	1,310.000000	Fine- to medium-grained sandstone
sld30-16-16dcd	1,543.0	1,544.0	317WTRM	24.9	990.000000	Fine- to medium-grained sandstone
sld30-16-16dcd	1,544.0	1,545.0	317WTRM	25.4	1,075.000000	Fine- to medium-grained sandstone
sld30-16-16dcd	1,545.0	1,546.0	317WTRM	24.4	777.000000	Fine- to medium-grained sandstone
sld30-16-16dcd	1,546.0	1,547.0	317WTRM	13.2	25.000000	Clayey, fine-grained sandstone
sld30-16-16dcd	1,547.0	1,548.0	317WTRM	13.2	12.000000	Clayey, fine-grained sandstone
sld30-16-16dcd	1,548.0	1,549.0	317WTRM	14.9	11.000000	Clayey, fine-grained sandstone
sld30-16-16dcd	1,549.0	1,550.0	317WTRM	18.8	190.000000	Clayey, fine- to medium-grained sandstone
sld30-16-16dcd	1,550.0	1,551.0	317WTRM	15.5	26.000000	Clayey, fine- to medium-grained sandstone
sld30-16-16dcd	1,551.0	1,552.0	317WTRM	17.2	22.000000	Clayey, fine-grained sandstone
sld30-16-16dcd	1,552.0	1,553.0	317WTRM	16.7	71.000000	Clayey, fine-grained sandstone
sld30-16-16dcd	1,553.0	1,554.0	317WTRM	20.4	133.000000	Clayey, fine-grained sandstone
sld30-16-16dcd	1,554.0	1,555.0	317WTRM	21.6	253.000000	Clayey, fine-grained sandstone
sld30-16-16dcd	1,555.0	1,556.0	317WTRM	19.0	355.000000	Clayey, fine-grained sandstone
sld30-16-16dcd	1,556.0	1,557.0	317WTRM	16.2	183.000000	Clayey, fine-grained sandstone
sld30-16-16dcd	1,557.0	1,558.0	317WTRM	25.0	830.000000	Clayey, fine- to medium-grained sandstone
sld30-16-16dcd	1,558.0	1,559.0	317WTRM	23.8	835.000000	Clayey, fine- to medium-grained sandstone
sld30-16-16dcd	1,559.0	1,560.0	317WTRM	21.1	180.000000	Clayey, fine- to medium-grained sandstone
sld30-16-16dcd	1,562.0	1,563.0	317WTRM	23.4	337.000000	Clayey, fine- to medium-grained sandstone
sld30-16-16dcd	1,564.0	1,565.0	317WTRM	14.0	3.300000	Clayey, fine-grained, quartzitic sandstone
sld30-16-16dcd	1,566.0	1,567.0	317WTRM	13.7	7.800000	Clayey, fine-grained sandstone
sld30-16-16dcd	1,568.0	1,569.0	317WTRM	11.8	3.700000	Clayey, fine-grained sandstone

Table 4.--Laboratory-determined porosity and permeability--Continued

Site	Depth to top (feet)	Depth to bottom (feet)	Formation	Porosity (percent)	Permeability (millidarcies)	Lithology
sld30-16-16dcd	1,570.0	1,571.0	317WTRM	18.2	18.000000	Clayey, fine-grained sandstone
sld30-16-16dcd	1,572.0	1,573.0	317WTRM	16.7	50.000000	Clayey, fine-grained sandstone
sld30-16-16dcd	1,574.0	1,575.0	317WTRM	16.4	60.000000	Clayey, fine-grained sandstone
sld30-16-16dcd	1,576.0	1,577.0	317WTRM	18.8	54.000000	Clayey, fine-grained sandstone
sld30-16-16dcd	1,578.0	1,579.0	317WTRM	22.4	95.000000	Clayey, fine-grained sandstone
sld30-16-16dcd	1,580.0	1,581.0	317WTRM	23.8	90.000000	Clayey, fine-grained sandstone
sld30-16-16dcd	1,582.0	1,583.0	317WTRM	17.0	95.000000	Clayey, fine-grained sandstone
sld30-16-16dcd	1,584.0	1,585.0	317WTRM	20.0	58.000000	Clayey, fine-grained sandstone
sld30-16-16dcd	1,586.0	1,587.0	317WTRM	18.8	63.000000	Clayey, fine-grained sandstone
sld30-16-16dcd	1,588.0	1,589.0	317WTRM	14.7	83.000000	Clayey, fine-grained sandstone
sld30-16-16dcd	1,590.0	1,591.0	317WTRM	18.7	83.000000	Clayey, fine-grained sandstone
sld30-16-16dcd	1,592.0	1,593.0	317WTRM	18.7	41.000000	Clayey, fine-grained sandstone
			AVERAGE--	20.1	351.557549	
SITE AVERAGE-----				20.1	351.557549	
sld30-16-19daa	1,540.0	1,541.0	317WTRM	8.1	0.040000	Clayey, fine-grained, dolomitic sandstone
sld30-16-19daa	1,543.0	1,544.0	317WTRM	8.7	0.020000	Clayey, fine-grained, dolomitic sandstone
sld30-16-19daa	1,546.0	1,547.0	317WTRM	8.7	0.010000	Clayey, fine-grained, dolomitic sandstone
sld30-16-19daa	1,548.0	1,549.0	317WTRM	9.1	0.010000	Clayey, fine-grained sandstone
sld30-16-19daa	1,550.0	1,501.0	317WTRM	12.0	0.390000	Clayey, fine-grained sandstone
sld30-16-19daa	1,552.0	1,553.0	317WTRM	11.8	0.290000	Clayey, fine-grained sandstone
sld30-16-19daa	1,553.0	1,554.0	317WTRM	9.4	0.030000	Clayey, fine-grained sandstone
sld30-16-19daa	1,554.0	1,555.0	317WTRM	10.8	0.170000	Fine-grained sandstone
sld30-16-19daa	1,555.0	1,556.0	317WTRM	15.6	1.500000	Fine- to medium-grained sandstone
sld30-16-19daa	1,556.0	1,557.0	317WTRM	12.7	0.780000	Fine- to medium-grained sandstone
sld30-16-19daa	1,557.0	1,558.0	317WTRM	15.1	4.200000	Fine-grained sandstone
sld30-16-19daa	1,558.0	1,559.0	317WTRM	13.2	1.800000	Fine- to medium-grained sandstone
sld30-16-19daa	1,559.0	1,560.0	317WTRM	15.1	1.700000	Fine- to medium-grained sandstone
sld30-16-19daa	1,560.0	1,561.0	317WTRM	11.6	0.210000	Fine- to medium-grained sandstone
sld30-16-19daa	1,561.0	1,562.0	317WTRM	10.2	0.090000	Fine- to medium-grained sandstone
sld30-16-19daa	1,562.0	1,563.0	317WTRM	10.0	0.080000	Fine- to medium-grained sandstone
sld30-16-19daa	1,563.0	1,564.0	317WTRM	12.2	0.180000	Fine-grained sandstone
sld30-16-19daa	1,564.0	1,565.0	317WTRM	21.2	769.000000	Fine- to medium-grained sandstone
sld30-16-19daa	1,565.0	1,566.0	317WTRM	20.0	801.000000	Fine- to medium-grained sandstone
sld30-16-19daa	1,566.0	1,567.0	317WTRM	16.5	66.000000	Fine- to medium-grained sandstone
sld30-16-19daa	1,567.0	1,568.0	317WTRM	17.9	209.000000	Fine- to medium-grained sandstone
sld30-16-19daa	1,572.0	1,573.0	317WTRM	14.4	1.400000	Clayey, fine-grained sandstone
sld30-16-19daa	1,573.0	1,574.0	317WTRM	15.4	0.780000	Clayey, fine- to medium-grained sandstone
sld30-16-19daa	1,574.0	1,575.0	317WTRM	14.1	1.600000	Clayey, fine- to medium-grained sandstone
sld30-16-19daa	1,575.0	1,576.0	317WTRM	15.7	1.300000	Clayey, fine- to medium-grained sandstone
sld30-16-19daa	1,576.0	1,577.0	317WTRM	11.8	0.070000	Clayey, fine-grained sandstone
sld30-16-19daa	1,577.0	1,578.0	317WTRM	9.9	0.050000	Fine-grained sandstone
sld30-16-19daa	1,580.0	1,581.0	317WTRM	11.3	0.280000	Fine- to medium-grained sandstone
sld30-16-19daa	1,581.0	1,582.0	317WTRM	5.8	0.060000	Fine-grained, quartzitic sandstone
sld30-16-19daa	1,582.0	1,583.0	317WTRM	19.2	134.000000	Fine-grained sandstone
sld30-16-19daa	1,583.0	1,584.0	317WTRM	19.6	137.000000	Fine-grained sandstone
sld30-16-19daa	1,584.0	1,585.0	317WTRM	20.8	125.000000	Fine-grained sandstone
sld30-16-19daa	1,585.0	1,586.0	317WTRM	17.9	108.000000	Fine-grained sandstone
sld30-16-19daa	1,586.0	1,587.0	317WTRM	17.0	85.000000	Fine-grained sandstone
sld30-16-19daa	1,587.0	1,588.0	317WTRM	16.8	82.000000	Fine-grained sandstone

Table 4.--Laboratory-determined porosity and permeability--Continued

Site	Depth to top (feet)	Depth to bottom (feet)	Formation	Porosity (percent)	Permeability (millidarcies)	Lithology
sld30-16-19daa	1,588.0	1,589.0	317WTRM	16.6	102.000000	Fine-grained sandstone
sld30-16-19daa	1,589.0	1,590.0	317WTRM	18.8	83.000000	Fine-grained sandstone
sld30-16-19daa	1,590.0	1,591.0	317WTRM	18.8	160.000000	Fine-grained sandstone
sld30-16-19daa	1,591.0	1,592.0	317WTRM	17.3	84.000000	Fine-grained sandstone
sld30-16-19daa	1,592.0	1,593.0	317WTRM	18.6	122.000000	Fine-grained sandstone
sld30-16-19daa	1,593.0	1,594.0	317WTRM	17.7	90.000000	Fine-grained sandstone
sld30-16-19daa	1,594.0	1,595.0	317WTRM	17.2	32.000000	Fine-grained sandstone
sld30-16-19daa	1,595.0	1,596.0	317WTRM	17.3	22.000000	Fine-grained sandstone
sld30-16-19daa	1,596.0	1,597.0	317WTRM	19.3	48.000000	Fine-grained sandstone
sld30-16-19daa	1,597.0	1,598.0	317WTRM	15.3	8.600000	Fine-grained sandstone
sld30-16-19daa	1,598.0	1,599.0	317WTRM	15.5	13.000000	Fine-grained sandstone
sld30-16-19daa	1,599.0	1,600.0	317WTRM	20.9	110.000000	Fine-grained sandstone
sld30-16-19daa	1,600.0	1,601.0	317WTRM	21.3	138.000000	Fine-grained sandstone
sld30-16-19daa	1,601.0	1,602.0	317WTRM	21.5	161.000000	Fine-grained sandstone
sld30-16-19daa	1,602.0	1,603.0	317WTRM	22.4	333.000000	Fine-grained sandstone
sld30-16-19daa	1,603.0	1,604.0	317WTRM	20.1	133.000000	Fine-grained sandstone
sld30-16-19daa	1,627.0	1,628.0	317WTRM	17.0	74.000000	Fine-grained sandstone
sld30-16-19daa	1,628.0	1,629.0	317WTRM	17.3	130.000000	Fine-grained sandstone
sld30-16-19daa	1,629.0	1,630.0	317WTRM	17.1	74.000000	Fine-grained sandstone
sld30-16-19daa	1,630.0	1,631.0	317WTRM	16.2	34.000000	Fine-grained sandstone
sld30-16-19daa	1,631.0	1,632.0	317WTRM	19.0	149.000000	Fine-grained sandstone
sld30-16-19daa	1,632.0	1,633.0	317WTRM	18.7	196.000000	Fine- to medium-grained sandstone
sld30-16-19daa	1,633.0	1,634.0	317WTRM	19.0	107.000000	Fine-grained sandstone
sld30-16-19daa	1,634.0	1,635.0	317WTRM	18.8	183.000000	Fine- to medium-grained sandstone
sld30-16-19daa	1,635.0	1,636.0	317WTRM	15.5	51.000000	Fine-grained sandstone
sld30-16-19daa	1,636.0	1,637.0	317WTRM	15.2	65.000000	Fine- to medium-grained sandstone
sld30-16-19daa	1,637.0	1,638.0	317WTRM	15.6	179.000000	Fine- to medium-grained sandstone
sld30-16-19daa	1,638.0	1,639.0	317WTRM	22.9	753.000000	Fine- to medium-grained sandstone
sld30-16-19daa	1,639.0	1,640.0	317WTRM	22.2	566.000000	Fine- to medium-grained sandstone
sld30-16-19daa	1,640.0	1,641.0	317WTRM	14.8	46.000000	Fine-grained sandstone
sld30-16-19daa	1,641.0	1,642.0	317WTRM	17.7	90.000000	Fine-grained sandstone
sld30-16-19daa	1,642.0	1,643.0	317WTRM	20.2	236.000000	Fine-grained sandstone
sld30-16-19daa	1,643.0	1,644.0	317WTRM	19.1	373.000000	Fine- to medium-grained sandstone
sld30-16-19daa	1,644.0	1,645.0	317WTRM	22.2	468.000000	Fine- to medium-grained sandstone
sld30-16-19daa	1,645.0	1,646.0	317WTRM	17.9	519.000000	Fine- to medium-grained sandstone
sld30-16-19daa	1,646.0	1,647.0	317WTRM	17.8	2.100000	Fine- to medium-grained sandstone
sld30-16-19daa	1,647.0	1,648.0	317WTRM	11.1	1.100000	Fine- to medium-grained sandstone
sld30-16-19daa	1,648.0	1,649.0	317WTRM	13.2	0.590000	Fine-grained sandstone
sld30-16-19daa	1,649.0	1,650.0	317WTRM	12.0	2.900000	Fine- to medium-grained sandstone
sld30-16-19daa	1,650.0	1,651.0	317WTRM	14.1	0.900000	Fine- to medium-grained sandstone
sld30-16-19daa	1,657.0	1,658.0	317WTRM	19.8	232.000000	Fine-grained sandstone
sld30-16-19daa	1,658.0	1,659.0	317WTRM	14.5	38.000000	Clayey, fine- to medium-grained sandstone
sld30-16-19daa	1,659.0	1,660.0	317WTRM	20.2	129.000000	Clayey, fine- to medium-grained sandstone
sld30-16-19daa	1,660.0	1,661.0	317WTRM	18.8	68.000000	Clayey, fine- to medium-grained sandstone
sld30-16-19daa	1,661.0	1,662.0	317WTRM	20.9	190.000000	Clayey, fine- to medium-grained sandstone
sld30-16-19daa	1,662.0	1,663.0	317WTRM	17.0	39.000000	Clayey, fine-grained sandstone
sld30-16-19daa	1,663.0	1,664.0	317WTRM	19.7	207.000000	Clayey, fine- to medium-grained sandstone
sld30-16-19daa	1,664.0	1,665.0	317WTRM	15.0	37.000000	Clayey, medium- to coarse-grained sandstone
sld30-16-19daa	1,665.0	1,666.0	317WTRM	20.8	154.000000	Clayey, fine- to medium-grained sandstone
sld30-16-19daa	1,666.0	1,667.0	317WTRM	14.5	29.000000	Clayey, fine- to medium-grained sandstone

Table 4.--Laboratory-determined porosity and permeability--Continued

Site	Depth to top (feet)	Depth to bottom (feet)	Formation	Porosity (percent)	Permeability (millidarcies)	Lithology
sld30-16-19daa	1,667.0	1,668.0	317WTRM	18.3	57.000000	Clayey, fine- to medium-grained sandstone
sld30-16-19daa	1,668.0	1,669.0	317WTRM	17.0	32.000000	Clayey, fine-grained sandstone
sld30-16-19daa	1,669.0	1,670.0	317WTRM	14.5	3.400000	Clayey, fine-grained sandstone
sld30-16-19daa	1,670.0	1,671.0	317WTRM	17.1	38.000000	Clayey, fine-grained sandstone
sld30-16-19daa	1,672.0	1,673.0	317WTRM	17.2	62.000000	Clayey, fine-grained sandstone
sld30-16-19daa	1,674.0	1,675.0	317WTRM	14.1	26.000000	Clayey, fine- to medium-grained, quartzitic sandstone
sld30-16-19daa	1,676.0	1,677.0	317WTRM	12.1	2.600000	Clayey, quartzitic, medium- to coarse-sandstone
sld30-16-19daa	1,688.0	1,689.0	317WTRM	17.4	30.000000	Clayey, fine-grained, quartzitic sandstone
sld30-16-19daa	1,690.0	1,691.0	317WTRM	16.0	14.000000	Clayey, fine-grained sandstone
sld30-16-19daa	1,692.0	1,693.0	317WTRM	14.2	18.000000	Clayey, quartzitic, medium- to coarse-sandstone
sld30-16-19daa	1,694.0	1,695.0	317WTRM	14.3	0.420000	Clayey, fine-grained sandstone
sld30-16-19daa	1,696.0	1,697.0	317WTRM	13.0	0.390000	Clayey, fine-grained sandstone
sld30-16-19daa	1,698.0	1,699.0	317WTRM	14.9	0.880000	Clayey, fine-grained sandstone
AVERAGE--				16.1	100.825714	
SITE AVERAGE--				16.1	100.825714	
sld30-21-21ddd	92.0	92.1	317CDRM	9.4	0.150000	Sandstone
sld30-21-21ddd	02.0	02.1	317CDRM	7.9	0.016000	Sandy siltstone
sld30-21-21ddd	99.0	99.1	317CDRM	20.0	0.640000	Sandstone
sld30-21-21ddd	1,222.0	1,222.1	317CDRM	12.5	0.000710	Sandstone
AVERAGE--				12.5	0.201678	
sld30-21-21ddd	1,631.0	1,631.1	321HKTL	1.3	0.000000	Limestone
sld30-21-21ddd	1,842.0	1,842.1	321HKTL	15.5	14.000000	Sandstone
sld30-21-21ddd	2,024.0	2,024.1	321HKTL	5.2	0.000000	Limy siltstone
sld30-21-21ddd	2,450.0	2,450.1	321HKTL	5.4	0.000000	Silty limestone
sld30-21-21ddd	2,559.0	2,559.1	321HKTL	3.7	0.000000	Limestone
AVERAGE--				6.2	2.800000	
sld30-21-21ddd	2,912.0	2,912.1	324PRDX	7.9	0.012000	Dolomitic limestone
sld30-21-21ddd	2,947.0	2,947.1	324PRDX	3.2	0.000600	Silty claystone
sld30-21-21ddd	3,037.0	3,037.1	324PRDX	0.6	0.000170	Anhydrite
sld30-21-21ddd	3,043.0	3,043.1	324PRDX	11.4	0.001800	Mudstone
sld30-21-21ddd	3,129.0	3,129.1	324PRDX	0.3	0.000000	Halite
sld30-21-21ddd	3,344.0	3,344.1	324PRDX	0.2	0.000000	Halite
sld30-21-21ddd	3,367.0	3,367.1	324PRDX	10.2	0.000270	Mudstone and anhydrite
sld30-21-21ddd	3,380.0	3,380.1	324PRDX	0.5	0.000220	Halite
sld30-21-21ddd	3,445.0	3,445.1	324PRDX	0.6	0.000440	Anhydrite
sld30-21-21ddd	3,526.0	3,526.1	324PRDX	2.5	0.012000	Anhydrite
sld30-21-21ddd	3,541.0	3,541.1	324PRDX	12.6	0.008000	Mudstone
sld30-21-21ddd	3,843.0	3,843.1	324PRDX	0.4	0.000690	Siltstone
sld30-21-21ddd	4,206.0	4,206.1	324PRDX	0.6	0.000210	Halite
sld30-21-21ddd	4,214.0	4,214.1	324PRDX	0.8	0.000400	Siltstone
sld30-21-21ddd	5,265.0	5,265.1	324PRDX	6.5	0.000390	Silty limestone
AVERAGE--				3.9	0.002479	
sld30-21-21ddd	5,579.0	5,579.1	324PKTL	4.5	0.000000	Limy siltstone
sld30-21-21ddd	5,596.0	5,596.1	324PKTL	2.9	0.000000	Limy siltstone
AVERAGE--				3.7	0.000000	
sld30-21-21ddd	5,806.0	5,806.1	327MOLS	2.4	0.000190	Limy sandstone
AVERAGE--				2.4	0.000190	

Table 4.--Laboratory-determined porosity and permeability--Continued

Site	Depth to top (feet)	Depth to bottom (feet)	Formation	Porosity (percent)	Permeability (millidarcies)	Lithology
sld30-21-21ddd	5,978.0	5,978.1	337RDLL	15.0	0.390000	Limestone
sld30-21-21ddd	6,118.0	6,118.1	337RDLL	11.2	0.950000	Limestone
sld30-21-21ddd	6,218.0	6,218.1	337RDLL	14.5	0.023000	Limestone and dolomite
			AVERAGE--	13.6	0.454333	
SITE AVERAGE-----				6.3	0.540236	
sld32-01-10bdd	5,289.0	5,290.0	317KIBB	5.3	6.400000	Finely crystalline, dolomitic limestone
sld32-01-10bdd	5,290.0	5,291.0	317KIBB	3.4	8.200000	Finely crystalline, dolomitic limestone
sld32-01-10bdd	5,291.0	5,292.0	317KIBB	3.0	11.000000	Cherty, finely crystalline dolomitic limestone
sld32-01-10bdd	5,292.0	5,293.0	317KIBB	3.2	2.600000	Finely crystalline dolomitic limestone
sld32-01-10bdd	5,293.0	5,294.0	317KIBB	3.8	3.900000	Finely crystalline dolomitic limestone
sld32-01-10bdd	5,294.0	5,295.0	317KIBB	3.5	4.200000	Vuggy, finely crystalline, dolomitic limestone
sld32-01-10bdd	5,295.0	5,296.0	317KIBB	5.0	4.100000	Vuggy, finely crystalline, dolomitic limestone
sld32-01-10bdd	5,296.0	5,297.0	317KIBB	2.3	8.100000	Vuggy, finely crystalline, dolomitic limestone
sld32-01-10bdd	5,297.0	5,298.0	317KIBB	5.8	2.400000	Vuggy, finely crystalline, dolomitic limestone
sld32-01-10bdd	5,298.0	5,299.0	317KIBB	4.9	3.100000	Vuggy, fine-grained, dolomitic limestone
sld32-01-10bdd	5,299.0	5,300.0	317KIBB	6.4	1.900000	Vuggy, fine-grained, dolomitic limestone
sld32-01-10bdd	5,300.0	5,301.0	317KIBB	6.4	1.900000	Vuggy, fine-grained, dolomitic limestone
sld32-01-10bdd	5,301.0	5,302.0	317KIBB	5.8	1.800000	Vuggy, carbonaceous, fine-grained limestone
sld32-01-10bdd	5,302.0	5,303.0	317KIBB	5.2	1.400000	Vuggy, carbonaceous, fine-grained limestone
sld32-01-10bdd	5,303.0	5,304.0	317KIBB	5.3	2.000000	Vuggy, carbonaceous, fine-grained limestone
sld32-01-10bdd	5,304.0	5,305.0	317KIBB	4.3	2.900000	Vuggy, carbonaceous, fine-grained limestone
sld32-01-10bdd	5,305.0	5,306.0	317KIBB	4.1	4.100000	Carbonaceous, fine-grained, dolomitic limestone
sld32-01-10bdd	5,306.0	5,207.0	317KIBB	4.1	7.900000	Fractured, vuggy, dolomitic limestone
sld32-01-10bdd	5,307.0	5,308.0	317KIBB	4.6	3.000000	Fractured, vuggy, dolomitic limestone
sld32-01-10bdd	5,308.0	5,309.0	317KIBB	8.7	102.000000	Fractured, vuggy, dolomitic limestone
sld32-01-10bdd	5,309.0	5,310.0	317KIBB	4.1	48.000000	Vuggy, fine-grained, dolomitic limestone
sld32-01-10bdd	5,310.0	5,311.0	317KIBB	3.4	5.800000	Vuggy, fine-grained, dolomitic limestone
sld32-01-10bdd	5,311.0	5,312.0	317KIBB	3.6	2.900000	Vuggy, fine-grained, dolomitic limestone
sld32-01-10bdd	5,312.0	5,313.0	317KIBB	4.3	4.100000	Vuggy, fine-grained, dolomitic limestone
sld32-01-10bdd	5,313.0	5,314.0	317KIBB	4.5	2.400000	Vuggy, anhydritic, fine-grained, dolomitic limestone
sld32-01-10bdd	5,314.0	5,315.0	317KIBB	4.8	2.900000	Vuggy, anhydritic, fine-grained, dolomitic limestone
sld32-01-10bdd	5,315.0	5,316.0	317KIBB	4.3	10.000000	Vuggy, anhydritic, fine-grained, dolomitic limestone
sld32-01-10bdd	5,316.0	5,317.0	317KIBB	4.2	4.000000	Vuggy, anhydritic, fine-grained, dolomitic limestone
			AVERAGE--	4.6	9.392857	
sld32-01-10bdd	5,905.0	5,906.0	317TRWP	1.6	0.030000	Silty, fine-grained sandstone
sld32-01-10bdd	5,906.0	5,907.0	317TRWP	3.1	0.040000	Silty, fine-grained sandstone
sld32-01-10bdd	5,907.0	5,908.0	317TRWP	1.5	0.030000	Finely crystalline dolomite
sld32-01-10bdd	5,908.0	5,909.0	317TRWP	1.2	0.020000	Finely crystalline dolomite
sld32-01-10bdd	5,909.0	5,910.0	317TRWP	5.1	0.697000	Finely crystalline dolomite
sld32-01-10bdd	5,910.0	5,911.0	317TRWP	2.2	0.000000	Finely crystalline dolomite
sld32-01-10bdd	5,914.0	5,915.0	317TRWP	1.1	0.020000	Silty, finely crystalline dolomite
sld32-01-10bdd	5,915.0	5,916.0	317TRWP	3.7	0.100000	Finely crystalline dolomite
sld32-01-10bdd	5,916.0	5,917.0	317TRWP	16.8	94.000000	Fine-grained sandstone
sld32-01-10bdd	5,917.0	5,918.0	317TRWP	14.0	12.000000	Medium-grained sandstone
sld32-01-10bdd	5,918.0	5,919.0	317TRWP	6.8	21.000000	Medium-grained, quartzitic sandstone
			AVERAGE--	5.2	11.630636	
SITE AVERAGE-----				4.8	10.024026	

Table 4.--Laboratory-determined porosity and permeability--Continued

Site	Depth to top (feet)	Depth to bottom (feet)	Formation	Porosity (percent)	Permeability (millidarcies)	Lithology
sld34-21-09bbc	6,377.0	6,378.0	337RDLL	0.6	0.000000	Finely crystalline limestone
sld34-21-09bbc	6,378.0	6,379.0	337RDLL	0.9	0.000000	Finely crystalline limestone
sld34-21-09bbc	6,379.0	6,380.0	337RDLL	0.7	0.000000	Finely crystalline limestone
sld34-21-09bbc	6,380.0	6,381.0	337RDLL	0.8	0.000000	Finely crystalline limestone
sld34-21-09bbc	6,381.0	6,382.0	337RDLL	0.8	0.000000	Finely crystalline limestone
sld34-21-09bbc	6,382.0	6,383.0	337RDLL	0.6	0.000000	Finely crystalline limestone
sld34-21-09bbc	6,383.0	6,384.0	337RDLL	0.8	0.000000	Finely crystalline limestone
sld34-21-09bbc	6,384.0	6,385.0	337RDLL	0.7	0.900000	Finely crystalline limestone
sld34-21-09bbc	6,385.0	6,386.0	337RDLL	0.8	0.000000	Finely crystalline limestone
sld34-21-09bbc	6,386.0	6,387.0	337RDLL	0.7	0.000000	Finely crystalline limestone
sld34-21-09bbc	6,387.0	6,388.0	337RDLL	1.2	0.000000	Finely crystalline limestone
sld34-21-09bbc	6,388.0	6,389.0	337RDLL	1.0	0.000000	Finely crystalline limestone
sld34-21-09bbc	6,389.0	6,390.0	337RDLL	0.5	0.000000	Finely crystalline limestone
sld34-21-09bbc	6,390.0	6,391.0	337RDLL	0.6	0.000000	Finely crystalline limestone
sld34-21-09bbc	6,391.0	6,392.0	337RDLL	0.7	0.000000	Finely crystalline limestone
sld34-21-09bbc	6,392.0	6,393.0	337RDLL	5.1	0.000000	Finely crystalline limestone
sld34-21-09bbc	6,393.0	6,394.0	337RDLL	10.0	0.000000	Finely crystalline limestone
sld34-21-09bbc	6,394.0	6,395.0	337RDLL	9.1	0.000000	Finely crystalline limestone
sld34-21-09bbc	6,395.0	6,396.0	337RDLL	4.5	0.000000	Finely crystalline limestone
sld34-21-09bbc	6,396.0	6,397.0	337RDLL	5.5	0.000000	Finely crystalline limestone
sld34-21-09bbc	6,397.0	6,398.0	337RDLL	5.4	0.000000	Finely crystalline limestone
sld34-21-09bbc	6,398.0	6,399.0	337RDLL	6.9	0.000000	Finely crystalline limestone
sld34-21-09bbc	6,399.0	6,400.0	337RDLL	0.9	0.000000	Finely crystalline limestone
sld34-21-09bbc	6,400.0	6,401.0	337RDLL	1.5	0.000000	Finely crystalline limestone
sld34-21-09bbc	6,401.0	6,402.0	337RDLL	0.9	0.000000	Finely crystalline limestone
sld34-21-09bbc	6,402.0	6,403.0	337RDLL	0.7	0.000000	Finely crystalline limestone
sld34-21-09bbc	6,403.0	6,404.0	337RDLL	0.8	0.000000	Finely crystalline limestone
sld34-21-09bbc	6,404.0	6,405.0	337RDLL	1.2	0.000000	Finely crystalline limestone
sld34-21-09bbc	6,405.0	6,406.0	337RDLL	1.2	0.000000	Finely crystalline limestone
sld34-21-09bbc	6,406.0	6,407.0	337RDLL	1.0	0.000000	Finely crystalline limestone
sld34-21-09bbc	6,407.0	6,408.0	337RDLL	1.4	0.000000	Finely crystalline limestone
sld34-21-09bbc	6,408.0	6,409.0	337RDLL	1.0	0.000000	Finely crystalline limestone
sld34-21-09bbc	6,409.0	6,410.0	337RDLL	2.0	0.000000	Finely crystalline limestone
sld34-21-09bbc	6,410.0	6,411.0	337RDLL	1.1	0.000000	Finely crystalline limestone
sld34-21-09bbc	6,411.0	6,412.0	337RDLL	1.6	0.000000	Finely crystalline limestone
sld34-21-09bbc	6,412.0	6,413.0	337RDLL	1.6	0.000000	Finely crystalline limestone
sld34-21-09bbc	6,413.0	6,414.0	337RDLL	1.1	0.000000	Finely crystalline limestone
sld34-21-09bbc	6,414.0	6,415.0	337RDLL	1.1	0.000000	Finely crystalline limestone
sld34-21-09bbc	6,415.0	6,416.0	337RDLL	1.0	0.000000	Finely crystalline limestone
sld34-21-09bbc	6,416.0	6,417.0	337RDLL	0.8	0.000000	Finely crystalline limestone
sld34-21-09bbc	6,417.0	6,418.0	337RDLL	1.1	0.000000	Finely crystalline limestone
sld34-21-09bbc	6,418.0	6,419.0	337RDLL	0.9	0.000000	Finely crystalline limestone
sld34-21-09bbc	6,419.0	6,420.0	337RDLL	1.0	0.000000	Finely crystalline limestone
sld34-21-09bbc	6,420.0	6,421.0	337RDLL	1.3	0.000000	Finely crystalline limestone
sld34-21-09bbc	6,421.0	6,422.0	337RDLL	0.9	0.000000	Finely crystalline limestone
sld34-21-09bbc	6,422.0	6,423.0	337RDLL	1.1	0.000000	Finely crystalline limestone



Table 4.--Laboratory-determined porosity and permeability--Continued

Site	Depth to top (feet)	Depth to bottom (feet)	Forma- tion	Porosity (percent)	Perme- ability (milli- darcies)	Lithology
sld34-21-09bbc	6,423.0	6,424.0	337RDLL	1.3	0.000000	Finely crystalline limestone
sld34-21-09bbc	6,424.0	6,425.0	337RDLL	0.7	0.000000	Finely crystalline limestone
sld34-21-09bbc	6,425.0	6,426.0	337RDLL	1.0	0.000000	Finely crystalline limestone
sld34-21-09bbc	6,426.0	6,427.0	337RDLL	1.4	0.000000	Finely crystalline limestone
sld34-21-09bbc	6,427.0	6,428.0	337RDLL	1.0	0.000000	Finely crystalline limestone
sld34-21-09bbc	6,428.0	6,429.0	337RDLL	1.0	0.000000	Finely crystalline limestone
sld34-21-09bbc	6,429.0	6,430.0	337RDLL	0.8	0.000000	Finely crystalline limestone
sld34-21-09bbc	6,430.0	6,431.0	337RDLL	0.9	0.000000	Finely crystalline limestone
sld34-21-09bbc	6,431.0	6,432.0	337RDLL	1.0	0.000000	Finely crystalline limestone
sld34-21-09bbc	6,432.0	6,433.0	337RDLL	1.1	0.000000	Finely crystalline limestone
sld34-21-09bbc	6,433.0	6,434.0	337RDLL	0.7	0.000000	Finely crystalline limestone
sld34-21-09bbc	6,434.0	6,435.0	337RDLL	1.7	0.000000	Finely crystalline limestone
sld34-21-09bbc	6,474.0	6,475.0	337RDLL	15.5	0.140000	Anhydritic, finely crystalline dolomite
sld34-21-09bbc	6,475.0	6,476.0	337RDLL	10.7	0.020000	Anhydritic, finely crystalline dolomite
sld34-21-09bbc	6,476.0	6,477.0	337RDLL	12.6	0.040000	Anhydritic, finely crystalline dolomite
sld34-21-09bbc	6,477.0	6,478.0	337RDLL	11.7	0.030000	Anhydritic, finely crystalline dolomite
sld34-21-09bbc	6,478.0	6,479.0	337RDLL	17.1	0.130000	Anhydritic, finely crystalline dolomite
sld34-21-09bbc	6,479.0	6,480.0	337RDLL	10.0	0.010000	Anhydritic, finely crystalline dolomite
sld34-21-09bbc	6,480.0	6,481.0	337RDLL	12.0	0.030000	Anhydritic, finely crystalline dolomite
sld34-21-09bbc	6,481.0	6,482.0	337RDLL	6.4	0.010000	Anhydritic, finely crystalline dolomite
sld34-21-09bbc	6,482.0	6,483.0	337RDLL	12.4	0.020000	Anhydritic, finely crystalline dolomite
sld34-21-09bbc	6,483.0	6,484.0	337RDLL	7.4	0.010000	Anhydritic, finely crystalline dolomite
sld34-21-09bbc	6,484.0	6,485.0	337RDLL	8.4	0.010000	Anhydritic, finely crystalline dolomite
sld34-21-09bbc	6,485.0	6,486.0	337RDLL	8.1	0.010000	Anhydritic, finely crystalline dolomite
sld34-21-09bbc	6,486.0	6,487.0	337RDLL	7.0	0.010000	Anhydritic, finely crystalline dolomite
sld34-21-09bbc	6,487.0	6,488.0	337RDLL	9.2	0.010000	Anhydritic, finely crystalline dolomite
sld34-21-09bbc	6,488.0	6,489.0	337RDLL	9.6	0.010000	Anhydritic, finely crystalline dolomite
sld34-21-09bbc	6,489.0	6,490.0	337RDLL	3.3	0.010000	Anhydritic, finely crystalline dolomite
sld34-21-09bbc	6,490.0	6,491.0	337RDLL	2.1	0.010000	Anhydritic, finely crystalline dolomite
sld34-21-09bbc	6,491.0	6,492.0	337RDLL	1.7	0.010000	Anhydritic, finely crystalline dolomite
sld34-21-09bbc	6,492.0	6,493.0	337RDLL	2.2	0.010000	Anhydritic, finely crystalline dolomite
sld34-21-09bbc	6,493.0	6,494.0	337RDLL	2.5	0.010000	Anhydritic, finely crystalline dolomite
sld34-21-09bbc	6,494.0	6,495.0	337RDLL	5.3	0.010000	Anhydritic, finely crystalline dolomite
sld34-21-09bbc	6,495.0	6,496.0	337RDLL	10.3	0.010000	Anhydritic, finely crystalline dolomite
sld34-21-09bbc	6,496.0	6,497.0	337RDLL	11.5	0.050000	Anhydritic, finely crystalline dolomite
sld34-21-09bbc	6,497.0	6,498.0	337RDLL	6.6	0.010000	Anhydritic, finely crystalline dolomite
sld34-21-09bbc	6,498.0	6,499.0	337RDLL	11.4	0.010000	Anhydritic, finely crystalline dolomite
sld34-21-09bbc	6,499.0	6,500.0	337RDLL	10.0	0.020000	Anhydritic, finely crystalline dolomite
sld34-21-09bbc	6,500.0	6,501.0	337RDLL	7.9	0.020000	Anhydritic, finely crystalline dolomite
sld34-21-09bbc	6,501.0	6,502.0	337RDLL	5.6	0.010000	Anhydritic, finely crystalline dolomite
sld34-21-09bbc	6,502.0	6,503.0	337RDLL	6.3	0.010000	Anhydritic, finely crystalline dolomite
sld34-21-09bbc	6,503.0	6,504.0	337RDLL	14.3	0.010000	Anhydritic, finely crystalline dolomite
sld34-21-09bbc	6,504.0	6,505.0	337RDLL	15.2	0.010000	Anhydritic, finely crystalline dolomite
sld34-21-09bbc	6,505.0	6,506.0	337RDLL	12.5	0.010000	Anhydritic, finely crystalline dolomite
sld34-21-09bbc	6,506.0	6,507.0	337RDLL	13.9	0.030000	Anhydritic, finely crystalline dolomite
sld34-21-09bbc	6,507.0	6,508.0	337RDLL	13.9	0.020000	Anhydritic, finely crystalline dolomite
sld34-21-09bbc	6,508.0	6,509.0	337RDLL	12.4	0.010000	Anhydritic, finely crystalline dolomite
sld34-21-09bbc	6,509.0	6,510.0	337RDLL	14.5	0.010000	Anhydritic, finely crystalline dolomite
sld34-21-09bbc	6,510.0	6,511.0	337RDLL	14.5	0.010000	Anhydritic, finely crystalline dolomite
sld34-21-09bbc	6,511.0	6,512.0	337RDLL	14.7	0.010000	Anhydritic, finely crystalline dolomite

Table 4.--Laboratory-determined porosity and permeability--Continued

Site	Depth to top (feet)	Depth to bottom (feet)	Forma- tion	Porosity (percent)	Perme- ability (milli- darcies)	Lithology
sld34-21-09bbc	6,512.0	6,513.0	337RDLL	7.2	0.010000	Anhydritic, finely crystalline dolomite
sld34-21-09bbc	6,513.0	6,514.0	337RDLL	8.8	0.200000	Anhydritic, finely crystalline dolomite
sld34-21-09bbc	6,514.0	6,515.0	337RDLL	13.5	0.010000	Anhydritic, finely crystalline dolomite
sld34-21-09bbc	6,515.0	6,516.0	337RDLL	11.7	0.010000	Anhydritic, finely crystalline dolomite
sld34-21-09bbc	6,516.0	6,517.0	337RDLL	13.7	0.010000	Anhydritic, finely crystalline dolomite
sld34-21-09bbc	6,517.0	6,518.0	337RDLL	11.5	0.010000	Anhydritic, finely crystalline dolomite
sld34-21-09bbc	6,518.0	6,519.0	337RDLL	10.4	0.010000	Anhydritic, finely crystalline dolomite
sld34-21-09bbc	6,519.0	6,520.0	337RDLL	12.9i	0.010000	Anhydritic, finely crystalline dolomite
AVERAGE--				5.4	0.019038	
SITE AVERAGE-----				5.4	0.019038	
sld36-10-21bdb	2,972.0	2,973.0	317WTRM	12.9	54.000000	Fine-grained sandstone
sld36-10-21bdb	2,973.0	2,974.0	317WTRM	18.1	161.000000	Fine-grained sandstone
sld36-10-21bdb	2,974.0	2,975.0	317WTRM	18.1	259.000000	Fine-grained sandstone
sld36-10-21bdb	2,975.0	2,976.0	317WTRM	19.3	14.000000	Fine-grained, dolomitic sandstone
sld36-10-21bdb	2,976.0	2,977.0	317WTRM	19.2	262.000000	Fine-grained, dolomitic sandstone
sld36-10-21bdb	2,977.0	2,978.0	317WTRM	18.0	51.000000	Fine-grained, dolomitic sandstone
sld36-10-21bdb	2,978.0	2,979.0	317WTRM	23.2	981.000000	Fine-grained sandstone
sld36-10-21bdb	2,979.0	2,980.0	317WTRM	26.0	346.000000	Fine-grained sandstone
sld36-10-21bdb	2,980.0	2,981.0	317WTRM	21.1	673.000000	Fine-grained sandstone
sld36-10-21bdb	2,981.0	2,981.5	317WTRM	18.6	149.000000	Fine- to coarse-grained sandstone
sld36-10-21bdb	2,982.0	2,983.0	317WTRM	15.1	576.000000	Fine- to coarse-grained sandstone
sld36-10-21bdb	2,983.0	2,984.0	317WTRM	17.4	731.000000	Fine- to coarse-grained sandstone
sld36-10-21bdb	2,984.0	2,985.0	317WTRM	13.3	496.000000	Fine- to coarse-grained sandstone
sld36-10-21bdb	2,985.0	2,986.0	317WTRM	15.1	28.000000	Fine- to coarse-grained sandstone
sld36-10-21bdb	2,986.0	2,987.0	317WTRM	20.7	981.000000	Fine- to coarse-grained sandstone
sld36-10-21bdb	2,987.0	2,988.0	317WTRM	20.6	1,115.000000	Fine-grained sandstone
sld36-10-21bdb	2,988.0	2,989.0	317WTRM	20.5	654.000000	Fine-grained sandstone
sld36-10-21bdb	2,989.0	2,990.0	317WTRM	18.3	673.000000	Fine-grained sandstone
sld36-10-21bdb	2,990.0	2,991.0	317WTRM	15.4	731.000000	Fine-grained sandstone
sld36-10-21bdb	2,991.0	2,991.5	317WTRM	18.8	2,115.000000	Fine-grained sandstone
sld36-10-21bdb	2,992.0	2,993.0	317WTRM	18.1	542.000000	Fine-grained sandstone
sld36-10-21bdb	2,993.0	2,994.0	317WTRM	14.5	788.000000	Fine-grained sandstone
sld36-10-21bdb	2,994.0	2,995.0	317WTRM	16.0	167.000000	Fine- to medium-grained sandstone
sld36-10-21bdb	2,995.0	2,996.0	317WTRM	15.8	357.000000	Fine- to medium-grained sandstone
sld36-10-21bdb	2,996.0	2,997.0	317WTRM	17.2	1,192.000000	Medium-grained sandstone
sld36-10-21bdb	2,997.0	2,998.0	317WTRM	14.0	15.000000	Fine-grained sandstone
sld36-10-21bdb	2,998.0	2,999.0	317WTRM	8.7	2.600000	Fine-grained sandstone
sld36-10-21bdb	2,999.0	3,000.0	317WTRM	9.8	16.000000	Fine-grained sandstone
sld36-10-21bdb	3,000.0	3,001.0	317WTRM	11.4	21.000000	Fine-grained sandstone
sld36-10-21bdb	3,001.0	3,002.0	317WTRM	13.3	21.000000	Fine-grained sandstone
sld36-10-21bdb	3,002.0	3,003.0	317WTRM	14.4	44.000000	Fine- to medium-grained sandstone
sld36-10-21bdb	3,003.0	3,004.0	317WTRM	14.6	57.000000	Fine- to medium-grained sandstone
sld36-10-21bdb	3,004.0	3,005.0	317WTRM	16.7	43.000000	Fine-grained sandstone
sld36-10-21bdb	3,005.0	3,006.0	317WTRM	17.0	141.000000	Fine-grained sandstone
sld36-10-21bdb	3,006.0	3,007.0	317WTRM	15.8	37.000000	Fine-grained sandstone
sld36-10-21bdb	3,007.0	3,008.0	317WTRM	17.4	72.000000	Fine-grained sandstone
sld36-10-21bdb	3,008.0	3,009.0	317WTRM	14.7	90.000000	Fine-grained sandstone
sld36-10-21bdb	3,009.0	3,010.0	317WTRM	14.9	49.000000	Fine-grained sandstone
sld36-10-21bdb	3,010.0	3,011.0	317WTRM	16.9	155.000000	Fine-grained sandstone
sld36-10-21bdb	3,011.0	3,012.0	317WTRM	16.2	101.000000	Fine-grained sandstone

Table 4.--Laboratory-determined porosity and permeability--Continued

Site	Depth to top (feet)	Depth to bottom (feet)	Forma- tion	Porosity (percent)	Perme- ability (milli- darcies)	Lithology
sld36-10-21bdb	3,012.0	3,013.0	317WTRM	13.4	152.000000	Fine-grained sandstone
sld36-10-21bdb	3,013.0	3,014.0	317WTRM	18.7	224.000000	Fine-grained sandstone
sld36-10-21bdb	3,014.0	3,015.0	317WTRM	16.3	109.000000	Fine-grained sandstone
sld36-10-21bdb	3,015.0	3,016.0	317WTRM	12.8	60.000000	Medium-grained sandstone
sld36-10-21bdb	3,016.0	3,017.0	317WTRM	14.6	271.000000	Fine- to medium-grained sandstone
sld36-10-21bdb	3,017.0	3,018.0	317WTRM	18.7	1,364.000000	Medium- to coarse-grained sandstone
sld36-10-21bdb	3,018.0	3,019.0	317WTRM	14.6	473.000000	Fine- to medium-grained sandstone
sld36-10-21bdb	3,019.0	3,020.0	317WTRM	15.0	1,000.000000	Fine- to medium-grained sandstone
sld36-10-21bdb	3,020.0	3,021.0	317WTRM	9.5	2.500000	Fine- to medium-grained sandstone
sld36-10-21bdb	3,021.0	3,022.0	317WTRM	8.2	0.170000	Fine- to medium-grained sandstone
sld36-10-21bdb	3,022.0	3,023.0	317WTRM	10.5	4.200000	Fine- to medium-grained sandstone
sld36-10-21bdb	3,023.0	3,024.0	317WTRM	10.3	10.000000	Fine- to medium-grained sandstone
sld36-10-21bdb	3,024.0	3,025.0	317WTRM	12.0	35.000000	Fine- to medium-grained sandstone
sld36-10-21bdb	3,025.0	3,026.0	317WTRM	8.4	5.800000	Fine- to medium-grained sandstone
sld36-10-21bdb	3,026.0	3,027.0	317WTRM	9.7	1.100000	Fine- to medium-grained sandstone
sld36-10-21bdb	3,027.0	3,028.0	317WTRM	8.5	3.200000	Fine- to medium-grained sandstone
sld36-10-21bdb	3,028.0	3,029.0	317WTRM	8.9	2.600000	Fine- to medium-grained sandstone
sld36-10-21bdb	3,029.0	3,030.0	317WTRM	9.6	0.800000	Fine- to medium-grained sandstone
sld36-10-21bdb	3,030.0	3,031.0	317WTRM	7.9	4.500000	Fine- to medium-grained sandstone
sld36-10-21bdb	3,031.0	3,032.0	317WTRM	14.0	12.000000	Fine-grained sandstone
sld36-10-21bdb	3,032.0	3,033.0	317WTRM	16.0	32.000000	Fine-grained sandstone
sld36-10-21bdb	3,033.0	3,034.0	317WTRM	16.5	28.000000	Fine-grained sandstone
sld36-10-21bdb	3,034.0	3,035.0	317WTRM	14.0	6.400000	Fine-grained sandstone
sld36-10-21bdb	3,035.0	3,036.0	317WTRM	10.7	22.000000	Fine- to medium-grained sandstone
sld36-10-21bdb	3,036.0	3,037.0	317WTRM	7.1	6.900000	Fine- to medium-grained sandstone
sld36-10-21bdb	3,037.0	3,038.0	317WTRM	16.9	60.000000	Fine- to medium-grained sandstone
sld36-10-21bdb	3,038.0	3,039.0	317WTRM	13.5	46.000000	Fine- to medium-grained sandstone
sld36-10-21bdb	3,039.0	3,040.0	317WTRM	14.3	115.000000	Fine- to medium-grained sandstone
sld36-10-21bdb	3,040.0	3,041.0	317WTRM	16.2	6.400000	Fine- to medium-grained sandstone
sld36-10-21bdb	3,041.0	3,042.0	317WTRM	13.6	175.000000	Fine- to medium-grained sandstone
AVERAGE--				15.0	274.188143	
SITE AVERAGE-----				15.0	274.188143	
sld36-25-27bba	5,837.0	5,838.0	324PRDX	7.8	0.010000	Anhydritic, finely crystalline dolomite
sld36-25-27bba	5,838.0	5,839.0	324PRDX	8.6	0.960000	Anhydritic, finely crystalline dolomite
sld36-25-27bba	5,839.0	5,840.0	324PRDX	10.8	1,644.000000	Anhydritic, finely crystalline dolomite
sld36-25-27bba	5,840.0	5,841.0	324PRDX	10.9	232.000000	Anhydritic, finely crystalline dolomite
sld36-25-27bba	5,841.0	5,842.0	324PRDX	4.2	0.110000	Anhydritic, finely crystalline dolomite
sld36-25-27bba	5,842.0	5,843.0	324PRDX	9.7	3.000000	Anhydritic, finely crystalline dolomite
sld36-25-27bba	5,843.0	5,844.0	324PRDX	7.2	53.000000	Anhydritic, finely crystalline dolomite
sld36-25-27bba	5,844.0	5,845.0	324PRDX	13.2	216.000000	Anhydritic, finely crystalline dolomite
sld36-25-27bba	5,845.0	5,846.0	324PRDX	8.5	51.000000	Anhydritic, finely crystalline dolomite
sld36-25-27bba	5,846.0	5,847.0	324PRDX	20.0	85.000000	Anhydritic, finely crystalline dolomite
sld36-25-27bba	5,847.0	5,848.0	324PRDX	11.7	109.000000	Anhydritic, finely crystalline dolomite
sld36-25-27bba	5,848.0	5,849.0	324PRDX	10.2	284.000000	Anhydritic, finely crystalline dolomite
sld36-25-27bba	5,849.0	5,850.0	324PRDX	11.1	117.000000	Anhydritic, finely crystalline dolomite
sld36-25-27bba	5,850.0	5,851.0	324PRDX	14.8	147.000000	Anhydritic, finely crystalline dolomite
sld36-25-27bba	5,851.0	5,852.0	324PRDX	14.2	25.000000	Anhydritic, finely crystalline dolomite

Table 4.--Laboratory-determined porosity and permeability--Continued

Site	Depth to top (feet)	Depth to bottom (feet)	Formation	Porosity (percent)	Permeability (millidarcies)	Lithology
sld36-25-27bba	5,852.0	5,853.0	324PRDX	10.6	5.000000	Anhydritic, finely crystalline dolomite
sld36-25-27bba	5,853.0	5,854.0	324PRDX	13.6	527.000000	Anhydritic, finely crystalline dolomite
sld36-25-27bba	5,854.0	5,855.0	324PRDX	12.4	17.000000	Anhydritic, finely crystalline dolomite
sld36-25-27bba	5,855.0	5,856.0	324PRDX	13.1	488.000000	Anhydritic, finely crystalline dolomite
sld36-25-27bba	5,856.0	5,857.0	324PRDX	2.6	0.010000	Anhydritic, finely crystalline dolomite
sld36-25-27bba	5,857.0	5,858.0	324PRDX	14.3	0.370000	Finely crystalline dolomite
sld36-25-27bba	5,858.0	5,859.0	324PRDX	8.9	0.090000	Finely crystalline dolomite
sld36-25-27bba	5,859.0	5,860.0	324PRDX	8.0	0.080000	Finely crystalline dolomite
AVERAGE--				10.7	174.114348	
SITE AVERAGE-----				10.7	174.114348	
sld36-26-16cac	6,284.0	6,285.0	324PRDX	6.9	2.500000	Anhydritic, finely crystalline dolomite
sld36-26-16cac	6,285.0	6,286.0	324PRDX	7.8	5.900000	Vuggy, anhydritic, medium-crystalline dolomite
sld36-26-16cac	6,286.0	6,287.0	324PRDX	5.7	0.810000	Vuggy, anhydritic, medium-crystalline dolomite
sld36-26-16cac	6,287.0	6,288.0	324PRDX	12.5	86.000000	Vuggy, anhydritic, medium-crystalline dolomite
sld36-26-16cac	6,288.0	6,289.0	324PRDX	13.7	64.000000	Vuggy, anhydritic, medium-crystalline dolomite
sld36-26-16cac	6,289.0	6,290.0	324PRDX	14.5	92.000000	Vuggy, anhydritic, medium-crystalline dolomite
sld36-26-16cac	6,290.0	6,291.0	324PRDX	14.4	39.000000	Vuggy, anhydritic, medium-crystalline dolomite
sld36-26-16cac	6,291.0	6,292.0	324PRDX	13.0	56.000000	Vuggy, anhydritic, medium-crystalline dolomite
sld36-26-16cac	6,292.0	6,293.0	324PRDX	16.1	51.000000	Vuggy, anhydritic, medium-crystalline dolomite
sld36-26-16cac	6,293.0	6,294.0	324PRDX	14.2	41.000000	Vuggy, anhydritic, medium-crystalline dolomite
sld36-26-16cac	6,294.0	6,295.0	324PRDX	13.5	87.000000	Vuggy, anhydritic, medium-crystalline dolomite
sld36-26-16cac	6,295.0	6,296.0	324PRDX	11.9	39.000000	Vuggy, anhydritic, medium-crystalline dolomite
sld36-26-16cac	6,296.0	6,297.0	324PRDX	10.2	27.000000	Vuggy, anhydritic, medium-crystalline dolomite
sld36-26-16cac	6,297.0	6,298.0	324PRDX	10.5	18.000000	Vuggy, anhydritic, medium-crystalline dolomite
sld36-26-16cac	6,298.0	6,299.0	324PRDX	8.2	7.200000	Vuggy, anhydritic, medium-crystalline dolomite
sld36-26-16cac	6,299.0	6,300.0	324PRDX	8.4	7.800000	Vuggy, anhydritic, medium-crystalline dolomite
sld36-26-16cac	6,300.0	6,301.0	324PRDX	5.2	1.300000	Anhydritic, finely crystalline dolomite
AVERAGE--				11.0	36.794706	
SITE AVERAGE-----				11.0	36.794706	
sld36-26-22baa	6,319.0	6,320.0	324PRDX	6.5	0.190000	Shaly, finely crystalline dolomite
sld36-26-22baa	6,320.0	6,321.0	324PRDX	6.0	0.330000	Finely crystalline dolomite
sld36-26-22baa	6,321.0	6,322.0	324PRDX	3.4	0.070000	Vuggy, anhydritic, medium-crystalline dolomite
sld36-26-22baa	6,322.0	6,323.0	324PRDX	5.7	4.900000	Vuggy, anhydritic, medium-crystalline dolomite
sld36-26-22baa	6,323.0	6,324.0	324PRDX	7.7	62.000000	Vuggy, anhydritic, medium-crystalline dolomite
sld36-26-22baa	6,324.0	6,325.0	324PRDX	8.5	7.000000	Vuggy, anhydritic, medium-crystalline dolomite
sld36-26-22baa	6,325.0	6,326.0	324PRDX	10.4	16.000000	Vuggy, anhydritic, medium-crystalline dolomite
sld36-26-22baa	6,326.0	6,327.0	324PRDX	8.7	6.200000	Vuggy, anhydritic, medium-crystalline dolomite
sld36-26-22baa	6,327.0	6,328.0	324PRDX	10.5	7.500000	Vuggy, anhydritic, medium-crystalline dolomite
sld36-26-22baa	6,328.0	6,329.0	324PRDX	7.6	10.000000	Vuggy, anhydritic, medium-crystalline dolomite
sld36-26-22baa	6,329.0	6,330.0	324PRDX	5.0	0.400000	Shaly, finely crystalline dolomite
sld36-26-22baa	6,330.0	6,331.0	324PRDX	0.5	0.010000	Shaly, finely crystalline dolomite
sld36-26-22baa	6,331.0	6,332.0	324PRDX	3.6	0.010000	Shaly, finely crystalline dolomite
sld36-26-22baa	6,332.0	6,333.0	324PRDX	1.3	0.010000	Shaly, finely crystalline dolomite
sld36-26-22baa	6,333.0	6,334.0	324PRDX	0.9	0.600000	Shaly, finely crystalline dolomite
sld36-26-22baa	6,334.0	6,335.0	324PRDX	0.8	0.010000	Shaly, finely crystalline dolomite
sld36-26-22baa	6,335.0	6,336.0	324PRDX	3.1	0.010000	Shaly, finely crystalline dolomite
sld36-26-22baa	6,336.0	6,337.0	324PRDX	5.2	8.600000	Shaly, finely crystalline dolomite
sld36-26-22baa	6,337.0	6,338.0	324PRDX	4.8	4.100000	Shaly, finely crystalline dolomite
sld36-26-22baa	6,338.0	6,339.0	324PRDX	3.8	0.140000	Shaly, finely crystalline dolomite

Table 4.--Laboratory-determined porosity and permeability--Continued

Site	Depth to top (feet)	Depth to bottom (feet)	Forma- tion	Porosity (percent)	Perme- ability (milli- darcies)	Lithology
sld36-26-22baa	6,339.0	6,340.0	324PRDX	0.9	0.010000	Shaly, finely crystalline dolomite
sld36-26-22baa	6,340.0	6,341.0	324PRDX	0.4	0.020000	Shaly, finely crystalline dolomite
sld36-26-22baa	6,341.0	6,342.0	324PRDX	1.3	0.080000	Shaly, finely crystalline dolomite
AVERAGE--				4.6	5.573478	
SITE AVERAGE-----				4.6	5.573478	
sld37-25-32cad	5,665.0	5,666.0	324PRDX	11.8	0.030000	Anhydritic, finely crystalline dolomite
sld37-25-32cad	5,666.0	5,667.0	324PRDX	10.0	0.120000	Anhydritic, finely crystalline dolomite
sld37-25-32cad	5,667.0	5,668.0	324PRDX	7.9	0.310000	Anhydritic, finely crystalline dolomite
sld37-25-32cad	5,668.0	5,669.0	324PRDX	5.3	0.380000	Anhydritic, finely crystalline dolomite
sld37-25-32cad	5,669.0	5,670.0	324PRDX	11.3	0.250000	Anhydritic, finely crystalline dolomite
sld37-25-32cad	5,670.0	5,671.0	324PRDX	2.0	0.000000	Anhydritic, finely crystalline dolomite
sld37-25-32cad	5,671.0	5,672.0	324PRDX	13.5	0.250000	Anhydritic, finely crystalline dolomite
sld37-25-32cad	5,672.0	5,673.0	324PRDX	12.1	0.260000	Anhydritic, finely crystalline dolomite
sld37-25-32cad	5,673.0	5,674.0	324PRDX	12.3	0.090000	Shaly, finely crystalline dolomite
sld37-25-32cad	5,674.0	5,675.0	324PRDX	3.8	0.000000	Shaly, finely crystalline dolomite
AVERAGE--				9.0	0.169000	
SITE AVERAGE-----				9.0	0.169000	
sld38-26-19adb	5,312.0	5,313.0	324PRDX	13.0	0.070000	Anhydrite and dolomite
sld38-26-19adb	5,313.0	5,314.0	324PRDX	14.9	0.460000	Dolomite
sld38-26-19adb	5,314.0	5,315.0	324PRDX	13.7	1.400000	Dolomite
sld38-26-19adb	5,315.0	5,316.0	324PRDX	10.9	0.950000	Dolomite
sld38-26-19adb	5,316.0	5,317.0	324PRDX	15.1	0.720000	Dolomite
sld38-26-19adb	5,317.0	5,318.0	324PRDX	13.0	0.180000	Anhydritic limestone
sld38-26-19adb	5,318.0	5,319.0	324PRDX	3.8	0.240000	Dolomite
sld38-26-19adb	5,319.0	5,320.0	324PRDX	7.9	0.370000	Anhydritic limestone and dolomite
sld38-26-19adb	5,320.0	5,321.0	324PRDX	3.4	0.400000	Anhydritic limestone and dolomite
sld38-26-19adb	5,321.0	5,322.0	324PRDX	18.4	5.800000	Anhydritic limestone and dolomite
sld38-26-19adb	5,322.0	5,323.0	324PRDX	7.7	0.510000	Anhydritic, dolomitic limestone
sld38-26-19adb	5,323.0	5,324.0	324PRDX	6.9	0.100000	Anhydritic, dolomitic limestone
sld38-26-19adb	5,324.0	5,325.0	324PRDX	21.7	3.700000	Anhydritic, dolomitic limestone
sld38-26-19adb	5,325.0	5,326.0	324PRDX	18.4	0.360000	Anhydritic, dolomitic limestone
sld38-26-19adb	5,326.0	5,327.0	324PRDX	18.8	1.100000	Anhydritic, dolomitic limestone
sld38-26-19adb	5,327.0	5,328.0	324PRDX	13.8	3.900000	Anhydritic, dolomitic limestone
sld38-26-19adb	5,328.0	5,329.0	324PRDX	4.1	0.800000	Vuggy, anhydritic, finely crystalline limestone
sld38-26-19adb	5,329.0	5,330.0	324PRDX	5.8	0.210000	Vuggy, anhydritic, finely crystalline limestone
sld38-26-19adb	5,330.0	5,331.0	324PRDX	3.1	0.220000	Vuggy, anhydritic, finely crystalline limestone
sld38-26-19adb	5,331.0	5,332.0	324PRDX	3.8	0.740000	Vuggy, anhydritic, finely crystalline limestone
sld38-26-19adb	5,332.0	5,333.0	324PRDX	3.1	0.220000	Vuggy, anhydritic, finely crystalline limestone
sld38-26-19adb	5,333.0	5,334.0	324PRDX	5.5	0.570000	Vuggy, anhydritic, finely crystalline limestone
sld38-26-19adb	5,334.0	5,335.0	324PRDX	3.7	3.800000	Vuggy, anhydritic, finely crystalline limestone
sld38-26-19adb	5,335.0	5,336.0	324PRDX	5.0	0.130000	Vuggy, anhydritic, finely crystalline limestone
sld38-26-19adb	5,336.0	5,337.0	324PRDX	5.0	4.700000	Vuggy, anhydritic, finely crystalline limestone
sld38-26-19adb	5,337.0	5,338.0	324PRDX	6.0	0.840000	Vuggy, anhydritic, finely crystalline limestone
sld38-26-19adb	5,338.0	5,339.0	324PRDX	24.9	3.100000	Fine-grained to sucrose dolomite
sld38-26-19adb	5,339.0	5,340.0	324PRDX	9.7	0.460000	Limy dolomite
sld38-26-19adb	5,340.0	5,341.0	324PRDX	15.3	1.900000	Dolomitic limestone
sld38-26-19adb	5,341.0	5,342.0	324PRDX	11.4	2.000000	Vuggy, anhydritic, fine-grained to sucrose limestone

Table 4.--Laboratory-determined porosity and permeability--Continued

Site	Depth to top (feet)	Depth to bottom (feet)	Formation	Porosity (percent)	Permeability (millidarcies)	Lithology
sld38-26-19adb	5,342.0	5,343.0	324PRDX	8.0	8.600000	Vuggy, anhydritic, fine-grained to sucrose limestone
sld38-26-19adb	5,343.0	5,344.0	324PRDX	10.8	7.700000	Vuggy, anhydritic, fine-grained to sucrose limestone
sld38-26-19adb	5,344.0	5,345.0	324PRDX	4.6	0.410000	Sparsely vuggy, anhydritic limestone
sld38-26-19adb	5,345.0	5,346.0	324PRDX	4.2	0.110000	Sparsely vuggy, anhydritic limestone
sld38-26-19adb	5,346.0	5,347.0	324PRDX	3.2	0.110000	Sparsely vuggy, anhydritic limestone
sld38-26-19adb	5,347.0	5,348.0	324PRDX	2.6	0.100000	Anhydritic limestone
sld38-26-19adb	5,348.0	5,349.0	324PRDX	3.7	1.100000	Anhydritic limestone
sld38-26-19adb	5,349.0	5,350.0	324PRDX	3.6	0.070000	Anhydritic limestone
sld38-26-19adb	5,350.0	5,351.0	324PRDX	6.0	0.110000	Anhydritic limestone
sld38-26-19adb	5,351.0	5,352.0	324PRDX	5.3	0.120000	Anhydritic limestone
sld38-26-19adb	5,352.0	5,353.0	324PRDX	3.2	0.250000	Anhydritic limestone
sld38-26-19adb	5,353.0	5,354.0	324PRDX	4.0	0.110000	Anhydritic limestone
sld38-26-19adb	5,354.0	5,355.0	324PRDX	3.6	0.200000	Anhydritic limestone
sld38-26-19adb	5,355.0	5,356.0	324PRDX	4.2	0.110000	Anhydritic limestone
sld38-26-19adb	5,356.0	5,357.0	324PRDX	2.8	0.120000	Anhydritic limestone
sld38-26-19adb	5,357.0	5,358.0	324PRDX	2.5	0.160000	Anhydritic limestone
sld38-26-19adb	5,358.0	5,359.0	324PRDX	2.0	0.650000	Anhydritic limestone
sld38-26-19adb	5,359.0	5,360.0	324PRDX	1.4	0.330000	Anhydritic limestone
sld38-26-19adb	5,360.0	5,361.0	324PRDX	2.1	0.100000	Anhydritic limestone
sld38-26-19adb	5,361.0	5,362.0	324PRDX	1.3	0.090000	Anhydritic limestone
sld38-26-19adb	5,362.0	5,363.0	324PRDX	0.9	0.040000	Anhydritic limestone
sld38-26-19adb	5,363.0	5,364.0	324PRDX	2.0	0.130000	Limy dolomite
sld38-26-19adb	5,364.0	5,365.0	324PRDX	17.3	0.790000	Shaly dolomite
sld38-26-19adb	5,365.0	5,366.0	324PRDX	17.1	0.890000	Shaly dolomite
sld38-26-19adb	5,366.0	5,367.0	324PRDX	10.2	0.260000	Shaly, anhydritic dolomite
sld38-26-19adb	5,367.0	5,368.0	324PRDX	20.3	1.590000	Shaly, anhydritic dolomite
sld38-26-19adb	5,368.0	5,369.0	324PRDX	8.2	0.080000	Shaly dolomite
sld38-26-19adb	5,369.0	5,370.0	324PRDX	2.2	0.040000	Shaly, fossiliferous limestone
sld38-26-19adb	5,370.0	5,371.0	324PRDX	2.0	0.050000	Shaly, fossiliferous limestone
sld38-26-19adb	5,371.0	5,372.0	324PRDX	1.4	0.050000	Shaly, fossiliferous limestone
sld38-26-19adb	5,372.0	5,373.0	324PRDX	1.3	0.050000	Shaly, fossiliferous limestone
sld38-26-19adb	5,373.0	5,374.0	324PRDX	1.0	0.050000	Shaly, fossiliferous limestone
sld38-26-19adb	5,374.0	5,375.0	324PRDX	1.6	0.080000	Shaly, fossiliferous limestone
sld38-26-19adb	5,375.0	5,376.0	324PRDX	1.7	0.090000	Shaly, fossiliferous limestone
sld38-26-19adb	5,376.0	5,377.0	324PRDX	2.0	0.050000	Shaly, fossiliferous limestone
sld38-26-19adb	5,377.0	5,378.0	324PRDX	1.7	0.060000	Shaly, fossiliferous limestone
			AVERAGE--	7.2	0.981818	
SITE AVERAGE-----				7.2	0.981818	
sld38-26-22add	5,139.0	5,140.0	324PRDX	1.8	1.300000	Limestone and shale
sld38-26-22add	5,140.0	5,141.0	324PRDX	0.6	0.060000	Limestone and shale
sld38-26-22add	5,141.0	5,142.0	324PRDX	0.5	0.050000	Laminated limestone
sld38-26-22add	5,142.0	5,143.0	324PRDX	0.6	0.060000	Limestone and shale
sld38-26-22add	5,143.0	5,144.0	324PRDX	0.6	0.050000	Limestone and shale
sld38-26-22add	5,144.0	5,145.0	324PRDX	0.5	0.070000	Limestone and shale
sld38-26-22add	5,145.0	5,146.0	324PRDX	4.9	0.230000	Anhydritic limestone
sld38-26-22add	5,146.0	5,147.0	324PRDX	8.3	0.090000	Anhydritic limestone
sld38-26-22add	5,147.0	5,148.0	324PRDX	9.0	0.070000	Anhydritic limestone
sld38-26-22add	5,148.0	5,149.0	324PRDX	4.6	0.070000	Anhydritic limestone

Table 4.--Laboratory-determined porosity and permeability--Continued

Site	Depth to top (feet)	Depth to bottom (feet)	Formation	Porosity (percent)	Permeability (millidarcies)	Lithology
sld38-26-22add	5,149.0	5,150.0	324PRDX	0.3	0.530000	Fine-grained limestone
sld38-26-22add	5,150.0	5,151.0	324PRDX	0.3	0.040000	Fine-grained limestone
sld38-26-22add	5,151.0	5,152.0	324PRDX	0.5	0.050000	Fine-grained limestone
sld38-26-22add	5,152.0	5,153.0	324PRDX	1.6	0.110000	Silty, fossiliferous dolomite
sld38-26-22add	5,153.0	5,154.0	324PRDX	4.5	0.180000	Silty, fossiliferous dolomite
sld38-26-22add	5,154.0	5,155.0	324PRDX	8.9	0.080000	Silty, fossiliferous dolomite
sld38-26-22add	5,155.0	5,156.0	324PRDX	8.9	0.110000	Silty, fossiliferous dolomite
sld38-26-22add	5,156.0	5,157.0	324PRDX	12.9	0.250000	Silty, fossiliferous dolomite
sld38-26-22add	5,157.0	5,158.0	324PRDX	0.6	0.040000	Fine-grained limestone
sld38-26-22add	5,158.0	5,159.0	324PRDX	1.2	0.030000	Fine-grained limestone
sld38-26-22add	5,159.0	5,160.0	324PRDX	0.5	0.030000	Fine-grained limestone
sld38-26-22add	5,160.0	5,161.0	324PRDX	0.5	0.030000	Fine-grained limestone
sld38-26-22add	5,161.0	5,162.0	324PRDX	0.6	0.030000	Fine-grained limestone
sld38-26-22add	5,177.0	5,178.0	324PRDX	0.7	0.030000	Limestone
sld38-26-22add	5,178.0	5,179.0	324PRDX	1.0	0.040000	Limestone
sld38-26-22add	5,179.0	5,180.0	324PRDX	0.9	0.040000	Limestone
sld38-26-22add	5,180.0	5,181.0	324PRDX	0.8	0.040000	Limestone
sld38-26-22add	5,181.0	5,182.0	324PRDX	0.5	0.040000	Limestone
sld38-26-22add	5,182.0	5,183.0	324PRDX	0.6	0.050000	Limestone
sld38-26-22add	5,183.0	5,184.0	324PRDX	10.4	0.090000	Chalky limestone
sld38-26-22add	5,184.0	5,185.0	324PRDX	0.4	0.030000	Chalky limestone
sld38-26-22add	5,185.0	5,186.0	324PRDX	3.5	1.300000	Vuggy limestone
sld38-26-22add	5,186.0	5,187.0	324PRDX	4.3	1.200000	Vuggy limestone
sld38-26-22add	5,187.0	5,188.0	324PRDX	4.2	3.700000	Vuggy limestone
sld38-26-22add	5,188.0	5,189.0	324PRDX	9.5	80.000000	Vuggy limestone
sld38-26-22add	5,189.0	5,190.0	324PRDX	10.7	51.000000	Vuggy limestone
sld38-26-22add	5,190.0	5,191.0	324PRDX	11.6	16.000000	Vuggy limestone
sld38-26-22add	5,191.0	5,192.0	324PRDX	10.4	10.000000	Vuggy limestone
sld38-26-22add	5,192.0	5,193.0	324PRDX	9.1	7.500000	Vuggy limestone
sld38-26-22add	5,193.0	5,194.0	324PRDX	8.2	0.340000	Vuggy limestone
sld38-26-22add	5,194.0	5,195.0	324PRDX	10.1	1.400000	Vuggy limestone
sld38-26-22add	5,195.0	5,196.0	324PRDX	10.1	9.100000	Vuggy limestone
sld38-26-22add	5,196.0	5,197.0	324PRDX	10.9	85.000000	Vuggy limestone
sld38-26-22add	5,197.0	5,198.0	324PRDX	7.3	7.900000	Vuggy limestone
sld38-26-22add	5,198.0	5,199.0	324PRDX	8.6	395.000000	Vuggy limestone
sld38-26-22add	5,199.0	5,200.0	324PRDX	10.0	27.000000	Vuggy limestone
sld38-26-22add	5,200.0	5,201.0	324PRDX	8.1	19.000000	Vuggy limestone
sld38-26-22add	5,201.0	5,202.0	324PRDX	8.2	27.000000	Vuggy limestone
sld38-26-22add	5,202.0	5,203.0	324PRDX	12.9	1.200000	Limestone
sld38-26-22add	5,203.0	5,204.0	324PRDX	15.7	29.000000	Limestone
sld38-26-22add	5,204.0	5,205.0	324PRDX	17.4	14.000000	Limestone
sld38-26-22add	5,205.0	5,206.0	324PRDX	16.5	18.000000	Limestone
sld38-26-22add	5,206.0	5,207.0	324PRDX	16.9	57.000000	Limestone
sld38-26-22add	5,207.0	5,208.0	324PRDX	17.3	25.000000	Limestone
sld38-26-22add	5,208.0	5,209.0	324PRDX	13.8	21.000000	Limestone
sld38-26-22add	5,209.0	5,210.0	324PRDX	8.5	9.500000	Limestone
sld38-26-22add	5,210.0	5,211.0	324PRDX	4.8	6.500000	Limestone
sld38-26-22add	5,211.0	5,212.0	324PRDX	4.8	2.200000	Limestone
sld38-26-22add	5,212.0	5,213.0	324PRDX	4.3	2.900000	Limestone
sld38-26-22add	5,213.0	5,214.0	324PRDX	4.5	0.300000	Chalky limestone

Table 4.--Laboratory-determined porosity and permeability--Continued

Site	Depth to top (feet)	Depth to bottom (feet)	Formation	Porosity (percent)	Permeability (millidarcies)	Lithology
sld38-26-22add	5,214.0	5,215.0	324PRDX	10.1	0.290000	Chalky limestone
sld38-26-22add	5,215.0	5,216.0	324PRDX	0.6	0.410000	Chalky limestone
sld38-26-22add	5,216.0	5,217.0	324PRDX	0.7	0.030000	Limestone
sld38-26-22add	5,217.0	5,218.0	324PRDX	0.9	0.040000	Limestone
sld38-26-22add	5,218.0	5,219.0	324PRDX	0.9	0.040000	Limestone
sld38-26-22add	5,219.0	5,220.0	324PRDX	1.4	0.030000	Limestone
sld38-26-22add	5,220.0	5,221.0	324PRDX	0.5	0.030000	Limestone breccia
sld38-26-22add	5,221.0	5,222.0	324PRDX	1.1	0.030000	Limestone breccia
sld38-26-22add	5,222.0	5,223.0	324PRDX	2.0	0.050000	Limestone
sld38-26-22add	5,223.0	5,224.0	324PRDX	4.5	0.380000	Limestone
sld38-26-22add	5,224.0	5,225.0	324PRDX	5.1	3.200000	Limestone
sld38-26-22add	5,225.0	5,226.0	324PRDX	6.5	3.700000	Limestone
sld38-26-22add	5,226.0	5,227.0	324PRDX	7.7	6.400000	Limestone
sld38-26-22add	5,227.0	5,228.0	324PRDX	6.6	0.670000	Limestone
sld38-26-22add	5,228.0	5,229.0	324PRDX	7.5	7.700000	Limestone
sld38-26-22add	5,229.0	5,230.0	324PRDX	7.3	0.490000	Limestone
sld38-26-22add	5,230.0	5,231.0	324PRDX	4.6	0.370000	Limestone
sld38-26-22add	5,231.0	5,232.0	324PRDX	2.0	0.030000	Fossiliferous limestone
sld38-26-22add	5,232.0	5,233.0	324PRDX	1.1	0.030000	Fossiliferous limestone
sld38-26-22add	5,233.0	5,234.0	324PRDX	0.9	0.090000	Fossiliferous limestone
sld38-26-22add	5,234.0	5,235.0	324PRDX	0.7	0.030000	Fossiliferous limestone
sld38-26-22add	5,235.0	5,236.0	324PRDX	1.2	0.040000	Fossiliferous limestone
sld38-26-22add	5,236.0	5,237.0	324PRDX	0.8	0.040000	Fossiliferous limestone
sld38-26-22add	5,392.0	5,393.0	324PRDX	1.2	0.050000	Silty, limy shale
sld38-26-22add	5,393.0	5,394.0	324PRDX	2.8	0.090000	Silty, limy shale
sld38-26-22add	5,394.0	5,395.0	324PRDX	14.6	0.100000	Shaly limestone
sld38-26-22add	5,395.0	5,396.0	324PRDX	3.7	0.100000	Anhydritic, silty limestone
sld38-26-22add	5,398.0	5,399.0	324PRDX	2.4	0.090000	Anhydritic, silty limestone
sld38-26-22add	5,415.0	5,416.0	324PRDX	2.0	0.080000	Anhydrite and dolomite
sld38-26-22add	5,416.0	5,417.0	324PRDX	7.7	0.060000	Sucrose dolomite
sld38-26-22add	5,417.0	5,418.0	324PRDX	14.0	2.700000	Sucrose dolomite
sld38-26-22add	5,418.0	5,419.0	324PRDX	9.7	0.060000	Anhydritic, sucrose dolomite
sld38-26-22add	5,419.0	5,420.0	324PRDX	3.8	2.300000	Anhydritic dolomite
sld38-26-22add	5,420.0	5,421.0	324PRDX	5.1	1.800000	Anhydritic dolomite
sld38-26-22add	5,421.0	5,422.0	324PRDX	4.6	3.200000	Anhydritic dolomite
sld38-26-22add	5,422.0	5,423.0	324PRDX	7.9	0.700000	Anhydritic dolomite
sld38-26-22add	5,423.0	5,424.0	324PRDX	6.2	1.600000	Dolomite
sld38-26-22add	5,424.0	5,425.0	324PRDX	3.3	0.290000	Dolomite
sld38-26-22add	5,425.0	5,426.0	324PRDX	3.1	4.500000	Dolomite
sld38-26-22add	5,426.0	5,427.0	324PRDX	7.2	0.100000	Dolomite
sld38-26-22add	5,427.0	5,428.0	324PRDX	11.9	1.500000	Earthy dolomite
sld38-26-22add	5,428.0	5,429.0	324PRDX	13.0	0.240000	Earthy dolomite
sld38-26-22add	5,429.0	5,430.0	324PRDX	12.8	0.240000	Earthy dolomite
sld38-26-22add	5,430.0	5,431.0	324PRDX	6.3	0.060000	Earthy dolomite
sld38-26-22add	5,431.0	5,432.0	324PRDX	3.4	0.050000	Shaly dolomite
sld38-26-22add	5,432.0	5,433.0	324PRDX	7.4	0.070000	Earthy dolomite
sld38-26-22add	5,433.0	5,434.0	324PRDX	7.7	0.080000	Earthy dolomite
sld38-26-22add	5,434.0	5,435.0	324PRDX	5.6	0.050000	Earthy dolomite
sld38-26-22add	5,435.0	5,436.0	324PRDX	4.8	0.050000	Earthy dolomite
sld38-26-22add	5,436.0	5,437.0	324PRDX	9.7	0.070000	Earthy dolomite



Table 4.--Laboratory-determined porosity and permeability--Continued

Site	Depth to top (feet)	Depth to bottom (feet)	Formation	Porosity (percent)	Permeability (millidarcies)	Lithology
sld38-26-22add	5,437.0	5, 438.0	324PRDX	9.5	0.020000	Earthy dolomite
sld38-26-22add	5,438.0	5, 439.0	324PRDX	6.4	0.040000	Earthy dolomite
sld38-26-22add	5,439.0	5, 440.0	324PRDX	3.2	0.090000	Shaly limestone
sld38-26-22add	5,440.0	5, 441.0	324PRDX	3.4	0.070000	Shaly limestone
AVERAGE--				5.7	8.574825	
				5.7	8.574825	
sld39-19-25aad	5,959.5	5, 960.0	324PRDX	4.8	0.300000	Limestone
sld39-19-25aad	5,962.0	5, 962.5	324PRDX	3.5	0.400000	Limestone
sld39-19-25aad	5,964.0	5, 964.5	324PRDX	3.5	0.300000	Limestone
sld39-19-25aad	5,967.0	5, 967.5	324PRDX	1.7	0.300000	Limestone
sld39-19-25aad	5,970.5	5, 971.0	324PRDX	1.4	0.240000	Limestone
sld39-19-25aad	5,974.0	5, 974.5	324PRDX	1.6	0.130000	Limestone
sld39-19-25aad	5,980.0	5, 981.0	324PRDX	2.5	0.000000	Limestone
sld39-19-25aad	5,985.0	5, 986.0	324PRDX	2.1	0.190000	Limestone
sld39-19-25aad	5,987.0	5, 988.0	324PRDX	2.0	0.020000	Limestone
sld39-19-25aad	5,990.0	5, 991.0	324PRDX	3.3	0.070000	Limestone
sld39-19-25aad	5,994.0	5, 995.0	324PRDX	2.0	0.000000	Limestone
sld39-19-25aad	5,998.0	5, 999.0	324PRDX	3.1	0.010000	Limestone
sld39-19-25aad	6,150.0	6, 151.0	324PRDX	10.8	0.010000	Limestone
sld39-19-25aad	6,153.0	6, 154.0	324PRDX	6.3	0.000000	Limestone
sld39-19-25aad	6,157.0	6, 158.0	324PRDX	12.1	0.300000	Limestone
sld39-19-25aad	6,160.0	6, 161.0	324PRDX	11.9	0.380000	Limestone
AVERAGE--				4.5	0.165625	
SITE AVERAGE-----				4.5	0.165625	
sld39-21-02dcc	6,331.0	6, 332.0	324PRDX	0.7	0.000000	Finely crystalline limestone
sld39-21-02dcc	6,332.0	6, 333.0	324PRDX	1.3	0.000000	Finely crystalline limestone
sld39-21-02dcc	6,333.0	6, 334.0	324PRDX	2.0	0.020000	Finely crystalline limestone
sld39-21-02dcc	6,334.0	6, 335.0	324PRDX	2.9	0.000000	Finely crystalline limestone
sld39-21-02dcc	6,335.0	6, 336.0	324PRDX	2.2	0.000000	Finely crystalline limestone
sld39-21-02dcc	6,336.0	6, 337.0	324PRDX	1.5	0.000000	Finely crystalline limestone
sld39-21-02dcc	6,337.0	6, 338.0	324PRDX	1.1	0.000000	Finely crystalline limestone
sld39-21-02dcc	6,338.0	6, 339.0	324PRDX	0.5	0.000000	Finely crystalline limestone
sld39-21-02dcc	6,339.0	6, 340.0	324PRDX	2.6	0.000000	Finely crystalline limestone
sld39-21-02dcc	6,340.0	6, 341.0	324PRDX	1.0	0.010000	Finely crystalline limestone
sld39-21-02dcc	6,341.0	6, 342.0	324PRDX	3.7	0.000000	Finely crystalline, dolomitic limestone
sld39-21-02dcc	6,342.0	6, 343.0	324PRDX	3.6	0.000000	Finely crystalline, dolomitic limestone
sld39-21-02dcc	6,343.0	6, 344.0	324PRDX	5.2	0.040000	Finely crystalline, dolomitic limestone
sld39-21-02dcc	6,344.0	6, 345.0	324PRDX	4.4	0.050000	Finely crystalline, dolomitic limestone
sld39-21-02dcc	6,345.0	6, 346.0	324PRDX	3.3	0.060000	Finely crystalline, dolomitic limestone
sld39-21-02dcc	6,346.0	6, 347.0	324PRDX	1.5	0.030000	Finely crystalline, dolomitic limestone
sld39-21-02dcc	6,347.0	6, 348.0	324PRDX	2.8	1.000000	Finely crystalline, dolomitic limestone
sld39-21-02dcc	6,348.0	6,349.0	324PRDX	1.8	0.070000	Finely crystalline, dolomitic limestone
sld39-21-02dcc	6,349.0	6,350.0	324PRDX	4.9	2.500000	Finely crystalline, dolomitic limestone
sld39-21-02dcc	6,350.0	6,351.0	324PRDX	1.9	0.010000	Finely crystalline, dolomitic limestone
sld39-21-02dcc	6,351.0	6,352.0	324PRDX	5.2	0.310000	Finely crystalline, dolomitic limestone
sld39-21-02dcc	6,352.0	6,353.0	324PRDX	3.2	0.240000	Finely crystalline, dolomitic limestone
sld39-21-02dcc	6,353.0	6,354.0	324PRDX	3.4	0.050000	Finely crystalline, dolomitic limestone
sld39-21-02dcc	6,354.0	6,355.0	324PRDX	3.6	0.070000	Finely crystalline, dolomitic limestone
sld39-21-02dcc	6,355.0	6,356.0	324PRDX	4.8	0.080000	Finely crystalline, dolomitic limestone

Table 4.--Laboratory-determined porosity and permeability--Continued

Site	Depth to top (feet)	Depth to bottom (feet)	Formation	Porosity (percent)	Permeability (millidarcies)	Lithology
sld39-21-02dcc	6,356.0	6,357.0	324PRDX	5.6	0.570000	Finely crystalline, dolomitic limestone
sld39-21-02dcc	6,357.0	6,358.0	324PRDX	6.3	0.330000	Finely crystalline, dolomitic limestone
sld39-21-02dcc	6,358.0	6,359.0	324PRDX	5.0	0.060000	Finely crystalline, dolomitic limestone
sld39-21-02dcc	6,359.0	6,360.0	324PRDX	3.9	0.180000	Finely crystalline, dolomitic limestone
sld39-21-02dcc	6,360.0	6,361.0	324PRDX	3.6	1.700000	Finely crystalline, dolomitic limestone
sld39-21-02dcc	6,361.0	6,362.0	324PRDX	2.8	0.050000	Finely crystalline, dolomitic limestone
sld39-21-02dcc	6,362.0	6,363.0	324PRDX	3.1	0.030000	Finely crystalline, dolomitic limestone
sld39-21-02dcc	6,363.0	6,364.0	324PRDX	4.5	0.040000	Finely crystalline, dolomitic limestone
sld39-21-02dcc	6,364.0	6,365.0	324PRDX	7.1	0.160000	Finely crystalline, dolomitic limestone
sld39-21-02dcc	6,365.0	6,366.0	324PRDX	4.0	0.230000	Finely crystalline, dolomitic limestone
sld39-21-02dcc	6,366.0	6,367.0	324PRDX	7.0	0.180000	Finely crystalline, dolomitic limestone
sld39-21-02dcc	6,367.0	6,368.0	324PRDX	5.1	0.180000	Finely crystalline, dolomitic limestone
sld39-21-02dcc	6,368.0	6,369.0	324PRDX	5.1	0.000000	Finely crystalline, dolomitic limestone
sld39-21-02dcc	6,369.0	6,370.0	324PRDX	2.6	0.000000	Finely crystalline, dolomitic limestone
sld39-21-02dcc	6,370.0	6,371.0	324PRDX	2.3	0.000000	Finely crystalline limestone
sld39-21-02dcc	6,371.0	6,372.0	324PRDX	1.8	0.000000	Finely crystalline limestone
sld39-21-02dcc	6,372.0	6,373.0	324PRDX	1.7	0.000000	Finely crystalline limestone
AVERAGE--				3.3	0.196429	
SITE AVERAGE-----				3.3	0.196429	
sld40-21-14aaa	5,231.0	5,232.0	321HKTL	3.2	120.000000	Limestone
sld40-21-14aaa	5,233.0	5,234.8	321HKTL	4.4	5.800000	Limestone
sld40-21-14aaa	5,234.8	5,236.5	321HKTL	5.1	0.700000	Limestone
sld40-21-14aaa	5,236.5	5,238.2	321HKTL	3.1	1.500000	Limestone
sld40-21-14aaa	5,238.2	5,240.2	321HKTL	2.3	0.000000	Limestone
sld40-21-14aaa	5,240.2	5,242.1	321HKTL	11.3	0.000000	Dolomite
sld40-21-14aaa	5,242.1	5,244.0	321HKTL	13.1	0.000000	Dolomite
sld40-21-14aaa	5,244.0	5,245.8	321HKTL	3.0	0.000000	Limestone
sld40-21-14aaa	5,245.8	5,247.8	321HKTL	1.4	0.000000	Limestone
sld40-21-14aaa	5,247.8	5,250.0	321HKTL	3.2	0.000000	Limestone
AVERAGE--				5.0	12.800000	
sld40-21-14aaa	5,370.0	5,371.9	324PRDX	0.5	0.000000	Dolomite
sld40-21-14aaa	5,371.9	5,373.5	324PRDX	1.5	0.000000	Shaly limestone
sld40-21-14aaa	5,373.5	5,375.3	324PRDX	1.6	0.000000	Shaly limestone
sld40-21-14aaa	5,375.3	5,377.3	324PRDX	1.5	0.000000	Shaly limestone
sld40-21-14aaa	5,377.3	5,379.2	324PRDX	1.1	0.000000	Shaly limestone
sld40-21-14aaa	5,379.2	5,380.9	324PRDX	1.5	0.000000	Shaly limestone
sld40-21-14aaa	5,380.9	5,382.8	324PRDX	1.3	0.000000	Shaly limestone
sld40-21-14aaa	5,382.8	5,384.8	324PRDX	2.7	0.000000	Shaly limestone
sld40-21-14aaa	5,384.8	5,386.8	324PRDX	15.5	0.100000	Dolomite
sld40-21-14aaa	5,386.8	5,388.4	324PRDX	20.1	0.100000	Dolomite
sld40-21-14aaa	5,388.4	5,390.3	324PRDX	2.2	0.000000	Limestone
sld40-21-14aaa	5,390.3	5,392.2	324PRDX	2.2	1.700000	Limestone
sld40-21-14aaa	5,392.2	5,394.0	324PRDX	11.7	0.000000	Dolomite
sld40-21-14aaa	5,394.0	5,395.8	324PRDX	11.1	0.110000	Dolomite
sld40-21-14aaa	5,395.8	5,397.5	324PRDX	9.0	0.000000	Dolomite
sld40-21-14aaa	5,397.5	5,399.2	324PRDX	5.1	0.000000	Limestone
sld40-21-14aaa	5,399.2	5,401.2	324PRDX	7.3	0.300000	Limestone
sld40-21-14aaa	5,401.2	5,403.1	324PRDX	7.3	0.100000	Limestone
sld40-21-14aaa	5,403.1	5,405.0	324PRDX	4.0	0.300000	Limestone
sld40-21-14aaa	5,405.0	5,406.9	324PRDX	4.9	0.000000	Limestone

Table 4.--Laboratory-determined porosity and permeability--Continued

Site	Depth to top (feet)	Depth to bottom (feet)	Formation	Porosity (percent)	Permeability (millidarcies)	Lithology
sld40-21-14aaa	5,406.9	5,408.6	324PRDX	8.6	0.000000	Limestone
sld40-21-14aaa	5,408.6	5,410.4	324PRDX	4.0	0.000000	Dolomite
sld40-21-14aaa	5,410.4	5,412.1	324PRDX	3.2	0.100000	Shaly limestone
sld40-21-14aaa	5,412.1	5,414.0	324PRDX	2.1	0.000000	Shaly limestone
			AVERAGE--	5.4	0.117083	
SITE AVERAGE-----				5.3	3.847353	
sld40-23-13bdd	5,696.0	5,698.2	324PRDX	8.6	0.250000	Algal limestone
sld40-23-13bdd	5,698.2	5,700.3	324PRDX	9.2	0.300000	Algal limestone
sld40-23-13bdd	5,700.3	5,702.3	324PRDX	10.1	0.450000	Algal limestone
sld40-23-13bdd	5,702.5	5,704.5	324PRDX	5.6	0.250000	Algal limestone
sld40-23-13bdd	5,704.8	5,707.1	324PRDX	7.8	0.750000	Algal limestone
sld40-23-13bdd	5,707.4	5,709.1	324PRDX	21.0	14.500000	Sandstone
sld40-23-13bdd	5,709.4	5,711.2	324PRDX	19.3	7.050000	Sandstone
sld40-23-13bdd	5,711.2	5,713.2	324PRDX	18.4	3.100000	Sandstone
sld40-23-13bdd	5,713.5	5,715.2	324PRDX	13.8	0.800000	Sandstone
sld40-23-13bdd	5,715.5	5,717.3	324PRDX	7.8	0.100000	Sandy limestone
sld40-23-13bdd	5,717.7	5,719.2	324PRDX	7.8	0.200000	Sandy limestone
sld40-23-13bdd	5,719.5	5,721.2	324PRDX	14.2	2.650000	Algal limestone
sld40-23-13bdd	5,721.5	5,723.2	324PRDX	16.7	3.100000	Algal limestone
sld40-23-13bdd	5,723.5	5,725.2	324PRDX	12.8	0.200000	Algal limestone
sld40-23-13bdd	5,725.2	5,727.2	324PRDX	12.8	0.700000	Algal limestone
sld40-23-13bdd	5,727.5	5,729.2	324PRDX	16.3	3.050000	Algal limestone
sld40-23-13bdd	5,729.5	5,731.4	324PRDX	17.6	13.500000	Algal limestone
sld40-23-13bdd	5,731.7	5,734.2	324PRDX	9.5	2.200000	Shaly limestone
sld40-23-13bdd	5,734.5	5,736.1	324PRDX	8.6	0.850000	Shaly limestone
sld40-23-13bdd	5,736.4	5,738.1	324PRDX	7.4	0.800000	Shaly limestone
sld40-23-13bdd	5,738.4	5,740.1	324PRDX	5.7	0.020000	Shaly limestone
sld40-23-13bdd	5,740.1	5,742.4	324PRDX	7.2	0.850000	Shaly limestone
sld40-23-13bdd	5,742.7	5,745.0	324PRDX	7.0	1.600000	Shaly limestone
sld40-23-13bdd	5,746.0	5,748.5	324PRDX	8.0	0.400000	Shaly limestone
sld40-23-13bdd	5,748.8	5,750.6	324PRDX	8.2	8.900000	Shaly limestone
sld40-23-13bdd	5,750.9	5,751.7	324PRDX	8.2	0.750000	Shaly limestone
sld40-23-13bdd	5,752.6	5,755.0	324PRDX	13.4	1.300000	Cherty limestone
sld40-23-13bdd	5,755.0	5,757.2	324PRDX	16.2	3.600000	Cherty limestone
sld40-23-13bdd	5,757.2	5,759.4	324PRDX	17.2	2.900000	Cherty limestone
sld40-23-13bdd	5,759.4	5,762.3	324PRDX	14.6	1.500000	Cherty limestone
sld40-23-13bdd	5,762.3	5,768.4	324PRDX	12.7	4.950000	Cherty limestone
sld40-23-13bdd	5,768.4	5,769.3	324PRDX	12.2	5.900000	Cherty limestone
sld40-23-13bdd	5,769.3	5,771.2	324PRDX	10.7	4.980000	Cherty limestone
sld40-23-13bdd	5,771.2	5,773.4	324PRDX	15.4	3.350000	Cherty limestone
sld40-23-13bdd	5,773.6	5,774.2	324PRDX	15.4	15.700000	Cherty limestone
sld40-23-13bdd	5,774.5	5,776.1	324PRDX	15.2	11.950000	Cherty limestone
sld40-23-13bdd	5,776.4	5,778.1	324PRDX	14.3	26.850000	Cherty limestone
sld40-23-13bdd	5,778.4	5,780.0	324PRDX	14.7	7.550000	Cherty limestone
sld40-23-13bdd	5,780.0	5,782.1	324PRDX	2.9	0.000000	Shale
sld40-23-13bdd	5,782.4	5,784.0	324PRDX	1.5	0.000000	Shale

Table 4.--Laboratory-determined porosity and permeability--Continued

Site	Depth to top (feet)	Depth to bottom (feet)	Forma- tion	Porosity (percent)	Perme- ability (milli- darcies)	Lithology
sld40-23-13bdd	5,784.3	5,786.0	324PRDX	5.2	0.100000	Shaly limestone
sld40-23-13bdd	5,786.3	5,787.2	324PRDX	3.8	0.000000	Shaly limestone
sld40-23-13bdd	5,787.2	5,789.7	324PRDX	5.4	1.500000	Shaly limestone
sld40-23-13bdd	5,789.7	5,793.1	324PRDX	3.5	1.050000	Shaly limestone
sld40-23-13bdd	5,793.1	5,795.2	324PRDX	5.4	0.250000	Shaly limestone
sld40-23-13bdd	5,795.5	5,798.0	324PRDX	5.9	0.100000	Shaly limestone
sld40-23-13bdd	5,798.3	5,700.3	324PRDX	14.8	8.000000	Cherty limestone
sld40-23-13bdd	5,800.6	5,803.0	324PRDX	17.8	17.450000	Cherty limestone
sld40-23-13bdd	5,803.2	5,805.4	324PRDX	6.2	0.000000	Shaly limestone
sld40-23-13bdd	5,805.7	5,808.2	324PRDX	3.8	0.150000	Shaly limestone
sld40-23-13bdd	5,808.5	5,810.1	324PRDX	1.7	0.150000	Shaly limestone
sld40-23-13bdd	5,810.4	5,812.1	324PRDX	3.7	0.200000	Shaly limestone
sld40-23-13bdd	5,812.4	5,814.1	324PRDX	4.6	0.150000	Shaly limestone
sld40-23-13bdd	5,814.4	5,815.8	324PRDX	2.9	0.150000	Shaly limestone
sld40-23-13bdd	5,815.8	5,817.0	324PRDX	3.9	14.650000	Shaly limestone
sld40-23-13bdd	5,817.0	5,819.1	324PRDX	4.8	0.100000	Shaly limestone
sld40-23-13bdd	5,819.4	5,821.0	324PRDX	6.6	0.100000	Shaly limestone
sld40-23-13bdd	5,821.3	5,823.3	324PRDX	6.9	0.100000	Shaly limestone
sld40-23-13bdd	5,823.3	5,826.0	324PRDX	7.5	0.350000	Shaly limestone
sld40-23-13bdd	5,826.3	5,828.1	324PRDX	7.4	0.050000	Shaly limestone
sld40-23-13bdd	5,828.4	5,830.1	324PRDX	15.8	1.500000	Cherty limestone
sld40-23-13bdd	5,830.4	5,832.1	324PRDX	15.8	1.000000	Cherty limestone
sld40-23-13bdd	5,832.6	5,834.2	324PRDX	11.2	0.250000	Cherty limestone
sld40-23-13bdd	5,834.6	5,836.2	324PRDX	1.6	0.000000	Shaly limestone
sld40-23-13bdd	5,836.4	5,838.5	324PRDX	1.5	0.000000	Shaly limestone
sld40-23-13bdd	5,838.8	5,841.0	324PRDX	2.8	0.000000	Shaly limestone
sld40-23-13bdd	5,841.3	5,843.4	324PRDX	11.1	0.500000	Cherty limestone
sld40-23-13bdd	5,843.4	5,845.4	324PRDX	14.9	3.100000	Cherty limestone
sld40-23-13bdd	5,845.4	5,848.3	324PRDX	4.4	0.000000	Shaly limestone
sld40-23-13bdd	5,848.6	5,851.0	324PRDX	2.4	0.050000	Shaly limestone
AVERAGE--				9.6	2.983571	
SITE AVERAGE-----				9.6	2.983571	
sld40-24-22aba	5,771.0	5,772.0	324PRDX	4.3	0.010000	Finely crystalline limestone
sld40-24-22aba	5,772.0	5,773.0	324PRDX	1.2	1.200000	Finely crystalline limestone
sld40-24-22aba	5,773.0	5,774.0	324PRDX	9.6	1.200000	Finely crystalline, dolomitic limestone
sld40-24-22aba	5,774.0	5,775.0	324PRDX	11.5	0.180000	Finely crystalline, dolomitic limestone
sld40-24-22aba	5,775.0	5,776.0	324PRDX	12.7	8.100000	Finely crystalline, dolomitic limestone
sld40-24-22aba	5,776.0	5,777.0	324PRDX	9.1	0.100000	Finely crystalline, dolomitic limestone
sld40-24-22aba	5,777.0	5,778.0	324PRDX	5.6	0.720000	Finely crystalline limestone
sld40-24-22aba	5,778.0	5,779.0	324PRDX	5.7	0.010000	Finely crystalline limestone
sld40-24-22aba	5,779.0	5,780.0	324PRDX	4.3	0.060000	Finely crystalline limestone
sld40-24-22aba	5,780.0	5,781.0	324PRDX	1.5	0.020000	Finely crystalline limestone
sld40-24-22aba	5,781.0	5,782.0	324PRDX	1.8	1.800000	Finely crystalline limestone
sld40-24-22aba	5,782.0	5,783.0	324PRDX	0.4	0.000000	Finely crystalline limestone
sld40-24-22aba	5,783.0	5,784.0	324PRDX	0.9	0.010000	Finely crystalline limestone
sld40-24-22aba	5,784.0	5,785.0	324PRDX	0.5	0.000000	Finely crystalline limestone
sld40-24-22aba	5,786.0	5,787.0	324PRDX	1.8	0.000000	Finely crystalline limestone

Table 4.--Laboratory-determined porosity and permeability--Continued

Site	Depth to top (feet)	Depth to bottom (feet)	Formation	Porosity (percent)	Permeability (millidarcies)	Lithology
sld40-24-22aba	5,787.0	5,788.0	324PRDX	1.7	0.000000	Finely crystalline limestone
sld40-24-22aba	5,788.0	5,789.0	324PRDX	0.9	0.000000	Finely crystalline limestone
sld40-24-22aba	5,789.0	5,790.0	324PRDX	0.6	0.010000	Finely crystalline limestone
sld40-24-22aba	5,790.0	5,791.0	324PRDX	0.7	0.000000	Finely crystalline limestone
sld40-24-22aba	5,791.0	5,792.0	324PRDX	0.3	0.000000	Finely crystalline limestone
sld40-24-22aba	5,792.0	5,793.0	324PRDX	2.9	0.000000	Finely crystalline limestone
sld40-24-22aba	5,793.0	5,794.0	324PRDX	15.0	0.490000	Finely crystalline, dolomitic limestone
sld40-24-22aba	5,794.0	5,795.0	324PRDX	8.9	0.000000	Finely crystalline, dolomitic limestone
sld40-24-22aba	5,795.0	5,796.0	324PRDX	1.3	0.000000	Finely crystalline limestone
sld40-24-22aba	5,796.0	5,797.0	324PRDX	0.5	0.000000	Finely crystalline limestone
sld40-24-22aba	5,797.0	5,798.0	324PRDX	6.3	0.000000	Finely crystalline limestone
sld40-24-22aba	5,798.0	5,799.0	324PRDX	10.8	0.010000	Finely crystalline, dolomitic limestone
sld40-24-22aba	5,799.0	5,800.0	324PRDX	15.8	1.900000	Finely crystalline, dolomitic limestone
sld40-24-22aba	5,800.0	5,801.0	324PRDX	14.5	6.600000	Finely crystalline, dolomitic limestone
sld40-24-22aba	5,801.0	5,802.0	324PRDX	15.0	0.480000	Finely crystalline, dolomitic limestone
sld40-24-22aba	5,802.0	5,803.0	324PRDX	12.9	0.340000	Finely crystalline, dolomitic limestone
sld40-24-22aba	5,803.0	5,804.0	324PRDX	4.0	0.000000	Finely crystalline, dolomitic limestone
sld40-24-22aba	5,804.0	5,805.0	324PRDX	7.1	0.060000	Finely crystalline, dolomitic limestone
sld40-24-22aba	5,805.0	5,806.0	324PRDX	9.6	0.200000	Finely crystalline, dolomitic limestone
sld40-24-22aba	5,806.0	5,807.0	324PRDX	8.5	0.270000	Finely crystalline, dolomitic limestone
sld40-24-22aba	5,807.0	5,808.0	324PRDX	10.8	1.600000	Finely crystalline, dolomitic limestone
sld40-24-22aba	5,808.0	5,809.0	324PRDX	12.2	0.700000	Finely crystalline, dolomitic limestone
sld40-24-22aba	5,809.0	5,810.0	324PRDX	12.9	0.390000	Finely crystalline, dolomitic limestone
sld40-24-22aba	5,810.0	5,811.0	324PRDX	13.2	1.200000	Finely crystalline, dolomitic limestone
sld40-24-22aba	5,811.0	5,812.0	324PRDX	10.7	0.220000	Finely crystalline, dolomitic limestone
sld40-24-22aba	5,812.0	5,813.0	324PRDX	2.2	0.000000	Finely crystalline limestone
sld40-24-22aba	5,813.0	5,814.0	324PRDX	7.8	0.400000	Finely crystalline limestone
sld40-24-22aba	5,814.0	5,815.0	324PRDX	12.8	0.810000	Finely crystalline limestone
sld40-24-22aba	5,815.0	5,816.0	324PRDX	17.9	0.120000	Finely crystalline limestone
sld40-24-22aba	5,816.0	5,817.0	324PRDX	17.6	5.300000	Finely crystalline limestone
sld40-24-22aba	5,817.0	5,818.0	324PRDX	16.6	1.600000	Finely crystalline limestone
sld40-24-22aba	5,818.0	5,819.0	324PRDX	5.0	0.000000	Finely crystalline limestone
sld40-24-22aba	5,819.0	5,820.0	324PRDX	9.3	0.000000	Finely crystalline limestone
sld40-24-22aba	5,820.0	5,821.0	324PRDX	13.2	16.000000	Finely crystalline limestone
sld40-24-22aba	5,821.0	5,822.0	324PRDX	14.1	2.600000	Finely crystalline limestone
sld40-24-22aba	5,822.0	5,823.0	324PRDX	15.1	1.800000	Finely crystalline limestone
sld40-24-22aba	5,823.0	5,824.0	324PRDX	11.5	0.040000	Finely crystalline limestone
sld40-24-22aba	5,824.0	5,825.0	324PRDX	7.2	0.100000	Finely crystalline limestone
sld40-24-22aba	5,825.0	5,826.0	324PRDX	10.6	0.140000	Finely crystalline limestone
sld40-24-22aba	5,826.0	5,827.0	324PRDX	9.3	0.150000	Finely crystalline limestone
sld40-24-22aba	5,827.0	5,828.0	324PRDX	7.7	0.000000	Finely crystalline limestone
sld40-24-22aba	5,828.0	5,829.0	324PRDX	1.4	0.000000	Finely crystalline limestone
sld40-24-22aba	5,829.0	5,830.0	324PRDX	7.1	0.000000	Finely crystalline limestone
sld40-24-22aba	5,831.0	5,832.0	324PRDX	3.0	0.000000	Finely crystalline limestone
sld40-24-22aba	5,832.0	5,833.0	324PRDX	7.0	0.030000	Finely crystalline, dolomitic limestone
sld40-24-22aba	5,833.0	5,834.0	324PRDX	7.2	0.190000	Finely crystalline, dolomitic limestone
sld40-24-22aba	5,834.0	5,835.0	324PRDX	6.6	0.430000	Finely crystalline, dolomitic limestone
sld40-24-22aba	5,835.0	5,836.0	324PRDX	6.4	0.010000	Finely crystalline, dolomitic limestone
sld40-24-22aba	5,836.0	5,837.0	324PRDX	6.4	0.010000	Finely crystalline, dolomitic limestone
sld40-24-22aba	5,837.0	5,838.0	324PRDX	6.0	0.020000	Finely crystalline, dolomitic limestone

Table 4.--Laboratory-determined porosity and permeability--Continued

Site	Depth to top (feet)	Depth to bottom (feet)	Formation	Porosity (percent)	Permeability (millidarcies)	Lithology
sld40-24-22aba	5,838.0	5,839.0	324PRDX	5.5	0.030000	Finely crystalline, dolomitic limestone
sld40-24-22aba	5,839.0	5,840.0	324PRDX	4.7	0.080000	Finely crystalline, dolomitic limestone
sld40-24-22aba	5,840.0	5,841.0	324PRDX	7.1	0.040000	Finely crystalline, dolomitic limestone
sld40-24-22aba	5,841.0	5,842.0	324PRDX	1.4	0.010000	Finely crystalline limestone
sld40-24-22aba	5,842.0	5,843.0	324PRDX	0.8	0.010000	Finely crystalline limestone
sld40-24-22aba	5,843.0	5,844.0	324PRDX	0.8	0.010000	Finely crystalline limestone
sld40-24-22aba	5,844.0	5,845.0	324PRDX	0.0	0.500000	Finely crystalline limestone
sld40-24-22aba	5,845.0	5,846.0	324PRDX	0.8	0.000000	Finely crystalline limestone
sld40-24-22aba	5,846.0	5,847.0	324PRDX	1.1	0.000000	Finely crystalline limestone
sld40-24-22aba	5,847.0	5,848.0	324PRDX	1.3	0.000000	Finely crystalline limestone
sld40-24-22aba	5,848.0	5,849.0	324PRDX	0.6	0.000000	Finely crystalline limestone
sld40-24-22aba	5,849.0	5,850.0	324PRDX	0.8	0.020000	Finely crystalline limestone
sld40-24-22aba	5,850.0	5,851.0	324PRDX	0.8	0.000000	Finely crystalline limestone
sld40-24-22aba	5,851.0	5,852.0	324PRDX	0.7	0.000000	Finely crystalline limestone
sld40-24-22aba	5,852.0	5,853.0	324PRDX	0.9	0.010000	Finely crystalline limestone
sld40-24-22aba	5,853.0	5,854.0	324PRDX	1.1	0.000000	Finely crystalline limestone
sld40-24-22aba	5,854.0	5,855.0	324PRDX	1.0	0.020000	Finely crystalline limestone
sld40-24-22aba	5,855.0	5,856.0	324PRDX	2.3	0.040000	Finely crystalline limestone
sld40-24-22aba	5,856.0	5,857.0	324PRDX	1.9	0.000000	Finely crystalline limestone
sld40-24-22aba	5,857.0	5,858.0	324PRDX	1.1	0.510000	Finely crystalline limestone
sld40-24-22aba	5,858.0	5,859.0	324PRDX	4.8	0.000000	Finely crystalline limestone
sld40-24-22aba	5,859.0	5,860.0	324PRDX	5.4	0.180000	Finely crystalline limestone
sld40-24-22aba	5,860.0	5,861.0	324PRDX	1.1	0.000000	Finely crystalline limestone
sld40-24-22aba	5,861.0	5,862.0	324PRDX	5.4	0.000000	Finely crystalline limestone
sld40-24-22aba	5,862.0	5,863.0	324PRDX	6.1	0.040000	Vuggy, finely crystalline, dolomitic limestone
sld40-24-22aba	5,863.0	5,864.0	324PRDX	10.3	10.000000	Vuggy, finely crystalline, dolomitic limestone
sld40-24-22aba	5,864.0	5,865.0	324PRDX	6.9	1.600000	Vuggy, finely crystalline, dolomitic limestone
sld40-24-22aba	5,865.0	5,866.0	324PRDX	8.9	20.000000	Vuggy, finely crystalline, dolomitic limestone
sld40-24-22aba	5,866.0	5,867.0	324PRDX	5.7	1.000000	Vuggy, finely crystalline, dolomitic limestone
sld40-24-22aba	5,867.0	5,868.0	324PRDX	9.1	27.000000	Vuggy, finely crystalline, dolomitic limestone
sld40-24-22aba	5,868.0	5,869.0	324PRDX	3.7	0.040000	Vuggy, finely crystalline, dolomitic limestone
sld40-24-22aba	5,869.0	5,870.0	324PRDX	3.5	0.010000	Finely crystalline limestone
sld40-24-22aba	5,870.0	5,871.0	324PRDX	13.9	0.010000	Finely crystalline limestone
sld40-24-22aba	5,871.0	5,872.0	324PRDX	7.1	0.010000	Finely crystalline limestone
sld40-24-22aba	5,872.0	5,873.0	324PRDX	1.3	0.000000	Finely crystalline limestone
sld40-24-22aba	5,873.0	5,874.0	324PRDX	1.4	0.000000	Finely crystalline limestone
sld40-24-22aba	5,874.0	5,875.0	324PRDX	1.6	0.010000	Finely crystalline limestone
sld40-24-22aba	5,875.0	5,876.0	324PRDX	9.2	0.000000	Finely crystalline limestone
sld40-24-22aba	5,876.0	5,877.0	324PRDX	2.0	0.000000	Finely crystalline limestone
sld40-24-22aba	5,877.0	5,878.0	324PRDX	2.2	0.010000	Finely crystalline limestone
sld40-24-22aba	5,878.0	5,879.0	324PRDX	5.8	0.030000	Finely crystalline limestone
sld40-24-22aba	5,879.0	5,880.0	324PRDX	2.9	0.010000	Finely crystalline limestone
sld40-24-22aba	5,880.0	5,881.0	324PRDX	3.3	0.010000	Finely crystalline limestone
sld40-24-22aba	5,881.0	5,882.0	324PRDX	8.6	0.110000	Finely crystalline limestone
sld40-24-22aba	5,882.0	5,883.0	324PRDX	9.1	3.000000	Vuggy, finely crystalline limestone
sld40-24-22aba	5,883.0	5,884.0	324PRDX	12.0	97.000000	Vuggy, finely crystalline limestone
sld40-24-22aba	5,884.0	5,885.0	324PRDX	10.8	2.000000	Vuggy, finely crystalline limestone
sld40-24-22aba	5,885.0	5,886.0	324PRDX	7.3	13.000000	Vuggy, finely crystalline limestone
sld40-24-22aba	5,886.0	5,887.0	324PRDX	6.7	121.000000	Vuggy, finely crystalline limestone
sld40-24-22aba	5,887.0	5,888.0	324PRDX	10.0	51.000000	Vuggy, finely crystalline limestone

Table 4.--Laboratory-determined porosity and permeability--Continued

Site	Depth to top (feet)	Depth to bottom (feet)	Formation	Porosity (percent)	Permeability (millidarcies)	Lithology
sld40-24-22aba	5,888.0	5,889.0	324PRDX	11.0	35.000000	Vuggy, finely crystalline limestone
sld40-24-22aba	5,889.0	5,890.0	324PRDX	5.2	4.400000	Finely crystalline limestone
sld40-24-22aba	5,890.0	5,891.0	324PRDX	8.7	0.540000	Finely crystalline limestone
sld40-24-22aba	5,891.0	5,892.0	324PRDX	5.9	1.900000	Finely crystalline limestone
sld40-24-22aba	5,892.0	5,893.0	324PRDX	9.8	1.900000	Finely crystalline limestone
sld40-24-22aba	5,893.0	5,894.0	324PRDX	5.2	0.430000	Finely crystalline limestone
sld40-24-22aba	5,894.0	5,895.0	324PRDX	3.0	0.040000	Finely crystalline limestone
sld40-24-22aba	5,895.0	5,896.0	324PRDX	4.1	0.020000	Finely crystalline limestone
sld40-24-22aba	5,896.0	5,897.0	324PRDX	2.7	0.030000	Finely crystalline limestone
sld40-24-22aba	5,897.0	5,898.0	324PRDX	3.2	0.010000	Finely crystalline limestone
sld40-24-22aba	5,898.0	5,899.0	324PRDX	3.2	0.010000	Finely crystalline limestone
sld40-24-22aba	5,899.0	5,900.0	324PRDX	1.6	0.010000	Finely crystalline limestone
sld40-24-22aba	5,900.0	5,901.0	324PRDX	1.9	0.010000	Finely crystalline limestone
sld40-24-22aba	5,901.0	5,902.0	324PRDX	2.7	0.010000	Finely crystalline limestone
sld40-24-22aba	5,902.0	5,903.0	324PRDX	2.0	0.000000	Finely crystalline limestone
sld40-24-22aba	5,903.0	5,904.0	324PRDX	1.2	0.000000	Finely crystalline limestone
sld40-24-22aba	5,904.0	5,905.0	324PRDX	2.5	0.090000	Finely crystalline limestone
sld40-24-22aba	5,905.0	5,906.0	324PRDX	2.1	0.010000	Finely crystalline limestone
sld40-24-22aba	5,906.0	5,907.0	324PRDX	4.4	0.020000	Finely crystalline limestone
sld40-24-22aba	5,907.0	5,908.0	324PRDX	4.0	0.090000	Finely crystalline limestone
sld40-24-22aba	5,908.0	5,909.0	324PRDX	3.9	0.120000	Finely crystalline limestone
sld40-24-22aba	5,909.0	5,910.0	324PRDX	4.3	0.150000	Finely crystalline limestone
sld40-24-22aba	5,910.0	5,911.0	324PRDX	2.5	0.020000	Finely crystalline limestone
sld40-24-22aba	5,911.0	5,912.0	324PRDX	1.6	0.040000	Finely crystalline limestone
sld40-24-22aba	5,912.0	5,913.0	324PRDX	1.2	0.160000	Finely crystalline limestone
sld40-24-22aba	5,913.0	5,914.0	324PRDX	1.7	0.010000	Finely crystalline limestone
sld40-24-22aba	5,914.0	5,915.0	324PRDX	1.6	0.010000	Finely crystalline limestone
sld40-24-22aba	5,915.0	5,916.0	324PRDX	1.2	0.020000	Finely crystalline limestone
sld40-24-22aba	5,916.0	5,917.0	324PRDX	6.5	0.000000	Finely crystalline limestone
sld40-24-22aba	5,917.0	5,918.0	324PRDX	4.6	0.040000	Finely crystalline limestone
sld40-24-22aba	5,918.0	5,919.0	324PRDX	7.3	0.400000	Finely crystalline, dolomitic limestone
			AVERAGE--	5.7	3.089795	
SITE AVERAGE-----				5.7	3.089795	
sld40-25-26bbb	5,953.0	5,954.5	321HKTL	3.6	0.200000	Limestone
sld40-25-26bbb	5,954.5	5,956.0	321HKTL	2.6	2.400000	Limestone
sld40-25-26bbb	5,958.0	5,959.8	321HKTL	2.9	0.300000	Limestone
sld40-25-26bbb	5,959.8	5,961.7	321HKTL	3.1	0.400000	Limestone
sld40-25-26bbb	5,961.7	5,963.3	321HKTL	3.6	0.300000	Limestone
sld40-25-26bbb	5,963.3	5,965.2	321HKTL	7.6	0.600000	Limestone
sld40-25-26bbb	5,965.2	5,967.2	321HKTL	5.8	0.100000	Limestone
sld40-25-26bbb	5,967.2	5,969.2	321HKTL	6.8	0.500000	Limestone
sld40-25-26bbb	5,969.2	5,971.0	321HKTL	6.7	4.700000	Limestone
sld40-25-26bbb	5,971.0	5,972.8	321HKTL	9.2	2.100000	Limestone
sld40-25-26bbb	5,972.8	5,974.7	321HKTL	5.6	6.400000	Limestone
sld40-25-26bbb	5,974.7	5,976.5	321HKTL	6.2	60.000000	Limestone
sld40-25-26bbb	5,976.5	5,979.0	321HKTL	13.8	43.000000	Limestone
			AVERAGE--	6.0	9.307692	

Table 4.--Laboratory-determined porosity and permeability--Continued

Site	Depth to top (feet)	Depth to bottom (feet)	Formation	Porosity (percent)	Permeability (millidarcies)	Lithology
sld40-25-26bbb	6,098.0	6,100.5	324PRDX	8.8	1.400000	Dolomite
sld40-25-26bbb	6,102.0	6,104.0	324PRDX	9.0	1.600000	Limestone and dolomite
sld40-25-26bbb	6,104.0	6,105.8	324PRDX	12.1	0.100000	Limestone and dolomite
sld40-25-26bbb	6,105.8	6,108.0	324PRDX	10.4	0.200000	Limestone and dolomite
sld40-25-26bbb	6,109.0	6,110.2	324PRDX	10.0	0.200000	Dolomite
AVERAGE--				10.1	0.700000	
SITE AVERAGE-----				7.1	6.916667	
sld41-23-12aaa	5,478.0	5,480.5	324PRDX	5.1	0.500000	Algal limestone
sld41-23-12aaa	5,480.5	5,482.5	324PRDX	11.4	1.150000	Algal limestone
sld41-23-12aaa	5,482.5	5,485.0	324PRDX	1.7	0.050000	Siltstone
sld41-23-12aaa	5,485.0	5,487.0	324PRDX	1.2	0.100000	Siltstone
sld41-23-12aaa	5,487.0	5,490.0	324PRDX	1.2	0.050000	Siltstone
sld41-23-12aaa	5,490.0	5,492.0	324PRDX	2.6	0.350000	Siltstone
sld41-23-12aaa	5,492.0	5,495.0	324PRDX	11.2	22.500000	Algal limestone
sld41-23-12aaa	5,495.0	5,497.0	324PRDX	13.3	0.950000	Algal limestone
sld41-23-12aaa	5,497.0	5,499.0	324PRDX	13.0	2.600000	Algal limestone
sld41-23-12aaa	5,499.0	5,501.0	324PRDX	8.5	0.950000	Algal limestone
sld41-23-12aaa	5,501.0	5,503.0	324PRDX	2.2	6.050000	Algal limestone
sld41-23-12aaa	5,503.0	5,505.5	324PRDX	2.5	0.150000	Algal limestone
sld41-23-12aaa	5,505.5	5,507.5	324PRDX	5.8	0.750000	Algal limestone
sld41-23-12aaa	5,507.5	5,510.0	324PRDX	8.7	0.600000	Algal limestone
sld41-23-12aaa	5,510.0	5,512.0	324PRDX	6.6	1.750000	Algal limestone
sld41-23-12aaa	5,512.0	5,514.5	324PRDX	14.7	0.200000	Cherty limestone
sld41-23-12aaa	5,514.5	5,517.5	324PRDX	21.9	11.550000	Cherty limestone
sld41-23-12aaa	5,517.5	5,519.3	324PRDX	5.1	3.800000	Algal limestone
sld41-23-12aaa	5,519.3	5,521.0	324PRDX	1.0	0.900000	Algal limestone
sld41-23-12aaa	5,521.0	5,523.5	324PRDX	4.6	0.300000	Algal limestone
sld41-23-12aaa	5,523.5	5,526.0	324PRDX	4.0	0.000000	Algal limestone
sld41-23-12aaa	5,526.0	5,528.0	324PRDX	1.8	0.000000	Algal limestone
sld41-23-12aaa	5,528.0	5,529.7	324PRDX	1.2	0.100000	Algal limestone
sld41-23-12aaa	5,530.0	5,531.2	324PRDX	0.8	2.250000	Algal limestone
sld41-23-12aaa	5,531.5	5,533.4	324PRDX	1.2	0.450000	Algal limestone
sld41-23-12aaa	5,533.7	5,535.3	324PRDX	2.2	1.700000	Algal limestone
sld41-23-12aaa	5,535.6	5,537.5	324PRDX	2.9	0.000000	Algal limestone
sld41-23-12aaa	5,537.8	5,539.4	324PRDX	2.4	0.050000	Algal limestone
sld41-23-12aaa	5,539.7	5,541.4	324PRDX	3.3	0.100000	Algal limestone
sld41-23-12aaa	5,541.7	5,543.3	324PRDX	2.0	0.100000	Algal limestone
sld41-23-12aaa	5,543.6	5,545.3	324PRDX	8.2	0.750000	Cherty limestone
sld41-23-12aaa	5,545.6	5,547.3	324PRDX	9.2	0.550000	Cherty limestone
sld41-23-12aaa	5,547.6	5,549.2	324PRDX	13.5	2.550000	Cherty limestone
sld41-23-12aaa	5,549.5	5,551.3	324PRDX	20.0	5.800000	Cherty limestone
sld41-23-12aaa	5,551.6	5,553.3	324PRDX	16.9	3.400000	Cherty limestone
sld41-23-12aaa	5,553.6	5,554.6	324PRDX	18.4	2.800000	Cherty limestone
sld41-23-12aaa	5,554.9	5,556.3	324PRDX	2.9	0.150000	Shaly limestone
sld41-23-12aaa	5,556.6	5,558.4	324PRDX	1.4	0.100000	Shaly limestone
sld41-23-12aaa	5,558.7	5,560.5	324PRDX	1.1	0.600000	Shaly limestone
sld41-23-12aaa	5,560.8	5,562.3	324PRDX	0.9	0.050000	Shaly limestone



Table 4.--Laboratory-determined porosity and permeability--Continued

Site	Depth to top (feet)	Depth to bottom (feet)	Formation	Porosity (percent)	Permeability (millidarcies)	Lithology
sld41-23-12aaa	5,562.6	5,564.3	324PRDX	2.9	0.500000	Shaly limestone
sld41-23-12aaa	5,564.6	5,566.4	324PRDX	8.6	2.400000	Cherty limestone
sld41-23-12aaa	5,566.7	5,569.3	324PRDX	7.4	36.600000	Cherty limestone
sld41-23-12aaa	5,569.6	5,571.0	324PRDX	8.6	89.500000	Cherty limestone
sld41-23-12aaa	5,571.3	5,573.5	324PRDX	12.7	585.000000	Cherty limestone
sld41-23-12aaa	5,573.8	5,576.2	324PRDX	11.8	89.666666	Cherty limestone
sld41-23-12aaa	5,576.2	5,577.7	324PRDX	14.4	92.500000	Cherty limestone
sld41-23-12aaa	5,577.7	5,579.4	324PRDX	14.0	11.150000	Cherty limestone
sld41-23-12aaa	5,579.4	5,581.5	324PRDX	9.8	53.500000	Cherty limestone
sld41-23-12aaa	5,581.5	5,583.5	324PRDX	14.2	10.850000	Cherty limestone
sld41-23-12aaa	5,583.5	5,585.3	324PRDX	13.6	7.250000	Cherty limestone
sld41-23-12aaa	5,585.3	5,587.2	324PRDX	10.6	2.850000	Cherty limestone
sld41-23-12aaa	5,587.2	5,589.3	324PRDX	13.5	10.050000	Cherty limestone
sld41-23-12aaa	5,589.3	5,591.3	324PRDX	13.9	12.600000	Cherty limestone
sld41-23-12aaa	5,591.3	5,593.6	324PRDX	9.3	13.200000	Cherty limestone
sld41-23-12aaa	5,593.6	5,595.1	324PRDX	8.8	9.000000	Cherty limestone
sld41-23-12aaa	5,595.1	5,597.4	324PRDX	3.9	0.600000	Cherty limestone
sld41-23-12aaa	5,597.4	5,598.6	324PRDX	5.6	5.300000	Cherty limestone
sld41-23-12aaa	5,598.6	5,601.4	324PRDX	5.6	9.100000	Cherty limestone
sld41-23-12aaa	5,601.4	5,603.8	324PRDX	6.7	52.050000	Cherty limestone
sld41-23-12aaa	5,603.8	5,605.8	324PRDX	7.2	11.250000	Cherty limestone
sld41-23-12aaa	5,605.5	5,607.6	324PRDX	6.8	74.550000	Cherty limestone
sld41-23-12aaa	5,607.6	5,609.6	324PRDX	7.2	3.500000	Cherty limestone
sld41-23-12aaa	5,609.6	5,611.3	324PRDX	5.7	72.000000	Cherty limestone
sld41-23-12aaa	5,611.3	5,613.5	324PRDX	4.4	4.650000	Cherty limestone
sld41-23-12aaa	5,613.5	5,615.2	324PRDX	5.3	23.250000	Cherty limestone
sld41-23-12aaa	5,615.2	5,617.6	324PRDX	1.1	18.100000	Shale
sld41-23-12aaa	5,617.6	5,619.5	324PRDX	0.8	3.950000	Shale
sld41-23-12aaa	5,619.5	5,621.6	324PRDX	6.5	0.050000	Cherty limestone
sld41-23-12aaa	5,621.6	5,623.3	324PRDX	5.3	0.100000	Cherty limestone
sld41-23-12aaa	5,623.3	5,625.2	324PRDX	7.9	1.000000	Cherty limestone
sld41-23-12aaa	5,625.2	5,627.0	324PRDX	8.8	2.200000	Cherty limestone
sld41-23-12aaa	5,627.0	5,629.2	324PRDX	1.9	1.700000	Siltstone
sld41-23-12aaa	5,629.2	5,631.3	324PRDX	5.4	0.050000	Cherty limestone
sld41-23-12aaa	5,631.3	5,633.6	324PRDX	11.7	0.100000	Cherty limestone
sld41-23-12aaa	5,633.6	5,635.5	324PRDX	14.0	0.100000	Cherty limestone
sld41-23-12aaa	5,635.5	5,637.4	324PRDX	12.5	0.300000	Cherty limestone
sld41-23-12aaa	5,637.4	5,639.4	324PRDX	1.5	0.900000	Siltstone
sld41-23-12aaa	5,639.4	5,641.5	324PRDX	1.7	0.100000	Siltstone
sld41-23-12aaa	5,641.5	5,643.5	324PRDX	1.9	0.000000	Siltstone
sld41-23-12aaa	5,643.5	5,645.6	324PRDX	7.6	2.300000	Cherty limestone
sld41-23-12aaa	5,645.6	5,647.4	324PRDX	12.7	2.550000	Cherty limestone
sld41-23-12aaa	5,647.4	5,649.7	324PRDX	11.7	3.000000	Cherty limestone
sld41-23-12aaa	5,649.7	5,652.1	324PRDX	10.6	0.366666	Cherty limestone
sld41-23-12aaa	5,652.1	5,654.8	324PRDX	6.6	0.250000	Cherty limestone
AVERAGE--				7.3	16.432157	
SITE AVERAGE-----				7.3	16.432157	

Table 4.--Laboratory-determined porosity and permeability--Continued

Site	Depth to top (feet)	Depth to bottom (feet)	Forma- tion	Porosity (percent)	Perme- ability (milli- darcies)	Lithology
sld41-24-18acd	5,510.0	5,511.0	324PRDX	0.9	0.020000	Limestone
sld41-24-18acd	5,511.0	5,512.0	324PRDX	1.2	0.050000	Limestone
sld41-24-18acd	5,512.0	5,513.0	324PRDX	0.6	0.010000	Limy sandstone
sld41-24-18acd	5,513.0	5,514.0	324PRDX	0.1	0.130000	Sandstone
sld41-24-18acd	5,514.0	5,515.0	324PRDX	0.7	0.020000	Limestone
sld41-24-18acd	5,515.0	5,516.0	324PRDX	0.1	0.040000	Sandy limestone
sld41-24-18acd	5,516.0	5,517.0	324PRDX	0.1	1.160000	Sandstone
sld41-24-18acd	5,517.0	5,518.0	324PRDX	0.1	1.400000	Sandstone
sld41-24-18acd	5,518.0	5,519.0	324PRDX	0.3	0.070000	Limestone
sld41-24-18acd	5,519.0	5,520.0	324PRDX	0.4	0.040000	Limestone
sld41-24-18acd	5,520.0	5,520.5	324PRDX	0.6	0.020000	Limestone
sld41-24-18acd	5,522.5	5,524.0	324PRDX	1.9	0.010000	Sandy limestone
sld41-24-18acd	5,525.0	5,526.0	324PRDX	1.7	0.010000	Sandstone
sld41-24-18acd	5,526.0	5,527.0	324PRDX	1.3	0.010000	Sandstone
sld41-24-18acd	5,527.0	5,528.0	324PRDX	0.2	0.010000	Sandstone
sld41-24-18acd	5,528.0	5,529.0	324PRDX	0.2	0.020000	Limy sandstone
sld41-24-18acd	5,529.0	5,530.0	324PRDX	0.7	0.010000	Limy sandstone
sld41-24-18acd	5,530.0	5,531.0	324PRDX	1.8	0.010000	Limy sandstone
sld41-24-18acd	5,531.0	5,532.0	324PRDX	2.0	0.010000	Sandy limestone
sld41-24-18acd	5,535.0	5,536.0	324PRDX	0.1	0.010000	Fractured sandy limestone
sld41-24-18acd	5,536.0	5,537.0	324PRDX	0.2	0.130000	Sandstone
sld41-24-18acd	5,537.0	5,538.0	324PRDX	0.1	0.140000	Sandstone
sld41-24-18acd	5,538.0	5,539.0	324PRDX	0.2	0.120000	Sandstone
sld41-24-18acd	5,539.0	5,540.0	324PRDX	0.3	0.010000	Limestone
sld41-24-18acd	5,540.0	5,541.0	324PRDX	0.1	0.010000	Limy dolomite
sld41-24-18acd	5,541.0	5,542.0	324PRDX	0.1	0.010000	Sandstone
sld41-24-18acd	5,542.0	5,543.0	324PRDX	0.1	0.010000	Sandstone
sld41-24-18acd	5,543.0	5,544.0	324PRDX	0.1	0.030000	Sandstone
sld41-24-18acd	5,544.0	5,545.0	324PRDX	0.1	0.010000	Sandstone
sld41-24-18acd	5,545.0	5,546.0	324PRDX	0.1	0.010000	Sandstone
sld41-24-18acd	5,546.0	5,547.0	324PRDX	0.1	0.010000	Sandstone
sld41-24-18acd	5,547.0	5,548.0	324PRDX	0.1	0.600000	Shaly sandstone
sld41-24-18acd	5,548.0	5,549.0	324PRDX	0.2	2.880000	Sandstone
sld41-24-18acd	5,549.0	5,550.0	324PRDX	0.1	3.920000	Sandstone
sld41-24-18acd	5,550.0	5,551.0	324PRDX	0.2	0.990000	Fractured sandstone
sld41-24-18acd	5,551.0	5,552.0	324PRDX	0.1	0.010000	Sandstone
sld41-24-18acd	5,552.0	5,553.0	324PRDX	0.1	0.010000	Sandstone
sld41-24-18acd	5,553.0	5,554.0	324PRDX	0.1	0.010000	Sandstone
sld41-24-18acd	5,554.0	5,555.0	324PRDX	0.1	0.010000	Sandstone
sld41-24-18acd	5,555.0	5,556.0	324PRDX	0.1	0.010000	Sandstone
sld41-24-18acd	5,556.0	5,557.0	324PRDX	0.2	0.040000	Sandstone
sld41-24-18acd	5,557.0	5,558.0	324PRDX	0.1	0.010000	Shaly sandstone
sld41-24-18acd	5,558.0	5,559.0	324PRDX	0.1	0.010000	Shaly sandstone
sld41-24-18acd	5,559.0	5,560.0	324PRDX	0.1	0.010000	Shaly sandstone
AVERAGE--				0.4	0.274091	
SITE AVERAGE-----				0.4	0.274091	

Table 4.--Laboratory-determined porosity and permeability--Continued

Site	Depth to top (feet)	Depth to bottom (feet)	Formation	Porosity (percent)	Permeability (millidarcies)	Lithology
sld41-24-22ccd	5,303.5	5,304.7	321HKTL	0.9	0.000000	Limestone
sld41-24-22ccd	5,304.7	5,306.0	321HKTL	1.8	0.000000	Limestone
sld41-24-22ccd	5,361.0	5,363.0	321HKTL	2.0	0.100000	Shaly limestone
sld41-24-22ccd	5,363.0	5,365.0	321HKTL	2.5	0.200000	Shaly limestone
sld41-24-22ccd	5,365.0	5,367.0	321HKTL	1.3	3.000000	Limestone
sld41-24-22ccd	5,367.0	5,369.0	321HKTL	0.4	1.900000	Limestone
sld41-24-22ccd	5,369.0	5,371.0	321HKTL	0.5	0.000000	Limestone
sld41-24-22ccd	5,371.0	5,373.0	321HKTL	1.5	0.500000	Limestone
sld41-24-22ccd	5,373.0	5,375.0	321HKTL	6.7	0.900000	Limestone
sld41-24-22ccd	5,375.0	5,377.0	321HKTL	13.0	3.500000	Limestone
sld41-24-22ccd	5,377.0	5,379.0	321HKTL	7.6	2.000000	Limestone
sld41-24-22ccd	5,379.0	5,381.0	321HKTL	4.4	0.100000	Limestone
sld41-24-22ccd	5,381.0	5,383.0	321HKTL	1.4	0.000000	Limestone
sld41-24-22ccd	5,407.0	5,409.0	321HKTL	0.5	0.000000	Shale
sld41-24-22ccd	5,412.0	5,414.0	321HKTL	1.0	0.000000	Shale
sld41-24-22ccd	5,416.0	5,418.0	321HKTL	0.8	0.000000	Shale
			AVERAGE--	2.9	0.762500	
sld41-24-22ccd	5,443.0	5,445.0	324PRDX	1.0	0.000000	Shaly dolomite and limestone
sld41-24-22ccd	5,445.0	5,447.0	324PRDX	0.8	0.000000	Shaly limestone
sld41-24-22ccd	5,447.0	5,449.0	324PRDX	0.9	0.000000	Shaly limestone
sld41-24-22ccd	5,449.0	5,451.0	324PRDX	1.1	0.000000	Shaly limestone
sld41-24-22ccd	5,451.0	5,453.0	324PRDX	0.8	2.700000	Shaly limestone
sld41-24-22ccd	5,453.0	5,455.0	324PRDX	0.7	0.100000	Shaly limestone
sld41-24-22ccd	5,455.0	5,457.0	324PRDX	0.7	0.800000	Shaly limestone
sld41-24-22ccd	5,457.0	5,459.0	324PRDX	0.6	6.600000	Shaly limestone
sld41-24-22ccd	5,459.0	5,461.0	324PRDX	0.9	0.000000	Shaly limestone
sld41-24-22ccd	5,461.0	5,463.0	324PRDX	0.6	0.000000	Limestone
sld41-24-22ccd	5,463.0	5,465.0	324PRDX	1.0	0.000000	Limestone
sld41-24-22ccd	5,465.0	5,467.0	324PRDX	1.1	0.000000	Shaly limestone
sld41-24-22ccd	5,467.0	5,469.0	324PRDX	1.7	0.000000	Shaly limestone
sld41-24-22ccd	5,469.0	5,471.0	324PRDX	1.3	0.000000	Shaly limestone
sld41-24-22ccd	5,475.0	5,476.8	324PRDX	0.9	0.400000	Limestone
sld41-24-22ccd	5,476.8	5,478.5	324PRDX	1.4	0.000000	Limestone
sld41-24-22ccd	5,478.5	5,480.8	324PRDX	1.3	0.000000	Limestone
sld41-24-22ccd	5,480.8	5,482.5	324PRDX	2.2	0.000000	Limestone
sld41-24-22ccd	5,482.5	5,484.5	324PRDX	3.7	0.000000	Limestone
sld41-24-22ccd	5,484.5	5,486.4	324PRDX	2.5	0.000000	Limestone
sld41-24-22ccd	5,486.4	5,488.2	324PRDX	2.0	0.000000	Limestone
sld41-24-22ccd	5,488.2	5,490.0	324PRDX	1.9	0.000000	Limestone
sld41-24-22ccd	5,490.0	5,492.0	324PRDX	1.4	0.000000	Anhydrite
sld41-24-22ccd	5,492.0	5,493.8	324PRDX	0.5	0.000000	Anhydrite
sld41-24-22ccd	5,493.8	5,495.5	324PRDX	0.2	0.000000	Anhydrite
sld41-24-22ccd	5,495.5	5,497.2	324PRDX	0.2	0.000000	Anhydrite
sld41-24-22ccd	5,497.2	5,499.1	324PRDX	0.5	0.000000	Limestone
sld41-24-22ccd	5,499.1	5,501.0	324PRDX	0.8	0.000000	Limestone
sld41-24-22ccd	5,501.0	5,503.0	324PRDX	0.5	0.000000	Limestone
sld41-24-22ccd	5,503.0	5,504.5	324PRDX	0.6	0.000000	Anhydritic dolomite

Table 4.--Laboratory-determined porosity and permeability--Continued

Site	Depth to top (feet)	Depth to bottom (feet)	Formation	Porosity (percent)	Permeability (millidarcies)	Lithology
sld41-24-22ccd	5,504.5	5,506.7	324PRDX	0.5	0.000000	Shaly limestone
sld41-24-22ccd	5,506.7	5,508.7	324PRDX	0.6	0.000000	Shaly limestone
sld41-24-22ccd	5,508.7	5,510.3	324PRDX	0.6	0.000000	Shaly limestone
sld41-24-22ccd	5,510.3	5,511.3	324PRDX	1.2	0.000000	Shaly limestone
sld41-24-22ccd	5,511.3	5,513.5	324PRDX	10.9	0.400000	Fractured limestone
sld41-24-22ccd	5,513.5	5,515.0	324PRDX	2.5	0.000000	Limestone
sld41-24-22ccd	5,515.0	5,516.8	324PRDX	2.9	0.000000	Limestone
sld41-24-22ccd	5,516.8	5,517.8	324PRDX	3.3	0.000000	Limestone
sld41-24-22ccd	5,531.0	5,533.0	324PRDX	5.9	0.100000	Dolomite
sld41-24-22ccd	5,533.0	5,535.0	324PRDX	1.1	0.200000	Limestone
sld41-24-22ccd	5,535.0	5,537.0	324PRDX	2.7	0.000000	Limestone
sld41-24-22ccd	5,537.0	5,539.0	324PRDX	4.8	0.200000	Dolomite
sld41-24-22ccd	5,539.0	5,540.5	324PRDX	4.0	0.000000	Dolomite
sld41-24-22ccd	5,540.5	5,542.1	324PRDX	7.4	0.000000	Dolomite
sld41-24-22ccd	5,542.1	5,544.0	324PRDX	5.2	0.100000	Dolomite
sld41-24-22ccd	5,544.0	5,545.0	324PRDX	4.9	0.300000	Dolomite
sld41-24-22ccd	5,545.0	5,546.0	324PRDX	2.0	0.200000	Shaly dolomite
sld41-24-22ccd	5,570.0	5,572.0	324PRDX	0.9	0.000000	Limestone
AVERAGE--				2.0	0.252083	
SITE AVERAGE-----				2.2	0.379687	
sld41-24-34add	5,634.0	5,635.0	324PRDX	24.2	4.700000	Finely crystalline dolomite
sld41-24-34add	5,635.0	5,636.0	324PRDX	22.7	1.900000	Finely crystalline dolomite
sld41-24-34add	5,636.0	5,637.0	324PRDX	9.5	0.140000	Vuggy dolomite
sld41-24-34add	5,637.0	5,638.0	324PRDX	1.0	0.060000	Carbonaceous, limy dolomite
sld41-24-34add	5,638.0	5,639.0	324PRDX	0.7	0.070000	Carbonaceous, limy dolomite
sld41-24-34add	5,639.0	5,640.0	324PRDX	1.7	0.070000	Limy dolomite
sld41-24-34add	5,640.0	5,641.0	324PRDX	6.8	1.700000	Limy dolomite
sld41-24-34add	5,641.0	5,642.0	324PRDX	12.9	5.000000	Vuggy dolomite
sld41-24-34add	5,642.0	5,643.0	324PRDX	14.1	0.750000	Limy dolomite
sld41-24-34add	5,643.0	5,644.0	324PRDX	14.3	0.150000	Limy dolomite
sld41-24-34add	5,644.0	5,645.0	324PRDX	12.2	2.100000	Limy dolomite
sld41-24-34add	5,645.0	5,646.0	324PRDX	13.4	0.870000	Limy dolomite
sld41-24-34add	5,646.0	5,647.0	324PRDX	14.7	1.700000	Limy dolomite
sld41-24-34add	5,647.0	5,648.0	324PRDX	13.9	1.300000	Limy dolomite
sld41-24-34add	5,648.0	5,649.0	324PRDX	13.9	0.150000	Finely crystalline, limy dolomite
sld41-24-34add	5,649.0	5,650.0	324PRDX	0.5	0.050000	Finely crystalline, limy dolomite
sld41-24-34add	5,650.0	5,651.0	324PRDX	0.7	0.020000	Finely crystalline, limy dolomite
sld41-24-34add	5,651.0	5,652.0	324PRDX	3.4	0.030000	Finely crystalline, limy dolomite
sld41-24-34add	5,652.0	5,653.0	324PRDX	10.9	0.050000	Finely crystalline, limy dolomite
sld41-24-34add	5,653.0	5,654.0	324PRDX	8.0	5.600000	Finely crystalline, limy dolomite
sld41-24-34add	5,654.0	5,655.0	324PRDX	6.0	0.030000	Finely crystalline, limy dolomite
sld41-24-34add	5,655.0	5,656.0	324PRDX	4.6	4.600000	Fine-grained dolomite
sld41-24-34add	5,656.0	5,657.0	324PRDX	1.6	19.000000	Fine-grained dolomite
sld41-24-34add	5,657.0	5,658.0	324PRDX	31.1	27.000000	Vuggy, finely crystalline dolomite
sld41-24-34add	5,658.0	5,659.0	324PRDX	23.8	60.000000	Vuggy, finely crystalline dolomite
sld41-24-34add	5,659.0	5,660.0	324PRDX	15.8	31.000000	Vuggy, finely crystalline dolomite
sld41-24-34add	5,660.0	5,661.0	324PRDX	13.8	42.000000	Vuggy, finely crystalline dolomite
sld41-24-34add	5,661.0	5,662.0	324PRDX	22.3	26.000000	Vuggy, finely crystalline dolomite
sld41-24-34add	5,662.0	5,663.0	324PRDX	18.6	21.000000	Vuggy, finely crystalline dolomite
sld41-24-34add	5,663.0	5,664.0	324PRDX	7.0	1.000000	Fine-grained, limy dolomite

Table 4.--Laboratory-determined porosity and permeability--Continued

Site	Depth to top (feet)	Depth to bottom (feet)	Formation	Porosity (percent)	Permeability (millidarcies)	Lithology
sld41-24-34add	5,664.0	5,665.0	324PRDX	1.2	0.130000	Fine-grained, limy dolomite
sld41-24-34add	5,665.0	5,666.0	324PRDX	0.5	0.110000	Carbonaceous, fine-grained dolomite
sld41-24-34add	5,666.0	5,667.0	324PRDX	1.0	0.860000	Fine-grained dolomite
sld41-24-34add	5,667.0	5,668.0	324PRDX	0.3	0.130000	Fine-grained dolomite
sld41-24-34add	5,668.0	5,669.0	324PRDX	0.4	0.100000	Finely crystalline dolomite
sld41-24-34add	5,669.0	5,670.0	324PRDX	0.4	0.100000	Finely crystalline dolomite
sld41-24-34add	5,670.0	5,671.0	324PRDX	0.5	0.030000	Fine-grained dolomite
sld41-24-34add	5,671.0	5,672.0	324PRDX	0.3	0.050000	Fine-grained dolomite
sld41-24-34add	5,672.0	5,673.0	324PRDX	0.3	0.080000	Finely crystalline dolomite
sld41-24-34add	5,673.0	5,674.0	324PRDX	0.3	0.170000	Finely crystalline dolomite
sld41-24-34add	5,674.0	5,675.0	324PRDX	0.3	0.090000	Finely crystalline dolomite
sld41-24-34add	5,675.0	5,676.0	324PRDX	0.3	0.400000	Finely crystalline dolomite
sld41-24-34add	5,676.0	5,677.0	324PRDX	0.3	0.030000	Finely crystalline dolomite
sld41-24-34add	5,677.0	5,678.0	324PRDX	0.3	0.110000	Finely crystalline dolomite
sld41-24-34add	5,678.0	5,679.0	324PRDX	0.3	0.080000	Finely crystalline dolomite
sld41-24-34add	5,679.0	5,680.0	324PRDX	0.7	0.050000	Finely crystalline dolomite
sld41-24-34add	5,680.0	5,681.0	324PRDX	0.3	0.040000	Finely crystalline dolomite
sld41-24-34add	5,681.0	5,682.0	324PRDX	0.3	0.040000	Finely crystalline dolomite
sld41-24-34add	5,682.0	5,683.0	324PRDX	0.3	0.360000	Finely crystalline dolomite
sld41-24-34add	5,683.0	5,684.0	324PRDX	1.6	0.090000	Finely crystalline dolomite
sld41-24-34add	5,684.0	5,685.0	324PRDX	0.6	0.020000	Finely crystalline dolomite
sld41-24-34add	5,685.0	5,686.0	324PRDX	0.4	0.050000	Finely crystalline dolomite
sld41-24-34add	5,686.0	5,687.0	324PRDX	0.3	0.230000	Finely crystalline dolomite
sld41-24-34add	5,687.0	5,688.0	324PRDX	0.4	0.070000	Finely crystalline dolomite
sld41-24-34add	5,688.0	5,689.0	324PRDX	1.3	0.120000	Finely crystalline dolomite
sld41-24-34add	5,689.0	5,690.0	324PRDX	0.7	0.050000	Finely crystalline dolomite
sld41-24-34add	5,690.0	5,691.0	324PRDX	2.9	0.050000	Finely crystalline dolomite
sld41-24-34add	5,691.0	5,692.0	324PRDX	3.5	0.050000	Vuggy, finely crystalline dolomite
sld41-24-34add	5,692.0	5,693.0	324PRDX	2.9	0.040000	Vuggy, finely crystalline dolomite
sld41-24-34add	5,693.0	5,694.0	324PRDX	2.1	5.500000	Finely crystalline dolomite
sld41-24-34add	5,694.0	5,695.0	324PRDX	5.7	0.520000	Finely crystalline dolomite
sld41-24-34add	5,695.0	5,696.0	324PRDX	0.4	4.400000	Finely crystalline dolomite
sld41-24-34add	5,696.0	5,697.0	324PRDX	0.3	0.130000	Finely crystalline dolomite
sld41-24-34add	5,697.0	5,698.0	324PRDX	0.8	0.110000	Finely crystalline dolomite
sld41-24-34add	5,698.0	5,699.0	324PRDX	0.3	0.050000	Finely crystalline dolomite
sld41-24-34add	5,699.0	5,700.0	324PRDX	0.4	0.020000	Finely crystalline dolomite
sld41-24-34add	5,700.0	5,701.0	324PRDX	1.3	3.300000	Fine-grained dolomite
sld41-24-34add	5,701.0	5,702.0	324PRDX	11.2	14.000000	Finely crystalline dolomite
sld41-24-34add	5,702.0	5,703.0	324PRDX	8.4	16.000000	Finely crystalline dolomite
sld41-24-34add	5,703.0	5,704.0	324PRDX	5.0	0.040000	Finely crystalline dolomite
sld41-24-34add	5,704.0	5,705.0	324PRDX	0.4	0.320000	Crystalline, limy dolomite
sld41-24-34add	5,705.0	5,706.0	324PRDX	0.6	0.130000	Crystalline, limy dolomite
sld41-24-34add	5,706.0	5,707.0	324PRDX	0.9	1.800000	Crystalline limestone
sld41-24-34add	5,707.0	5,708.0	324PRDX	2.1	0.110000	Crystalline limestone
sld41-24-34add	5,708.0	5,709.0	324PRDX	0.8	0.110000	Crystalline limestone
sld41-24-34add	5,709.0	5,710.0	324PRDX	2.1	0.110000	Crystalline limestone
sld41-24-34add	5,710.0	5,711.0	324PRDX	2.0	0.140000	Crystalline limestone
sld41-24-34add	5,711.0	5,712.0	324PRDX	6.8	194.000000	Vuggy, crystalline limestone
sld41-24-34add	5,712.0	5,713.0	324PRDX	10.5	112.000000	Vuggy, sucrose limestone
sld41-24-34add	5,713.0	5,714.0	324PRDX	10.0	63.000000	Vuggy, sucrose limestone

Table 4.--Laboratory-determined porosity and permeability--Continued

Site	Depth to top (feet)	Depth to bottom (feet)	Formation	Porosity (percent)	Permeability (millidarcies)	Lithology
sld41-24-34add	5,714.0	5,715.0	324PRDX	10.7	487.000000	Vuggy, sucrose limestone
sld41-24-34add	5,715.0	5,716.0	324PRDX	10.1	655.000000	Vuggy, sucrose limestone
sld41-24-34add	5,716.0	5,717.0	324PRDX	9.1	168.000000	Vuggy, sucrose limestone
sld41-24-34add	5,717.0	5,718.0	324PRDX	13.7	295.000000	Vuggy, sucrose limestone
sld41-24-34add	5,718.0	5,719.0	324PRDX	11.1	250.000000	Vuggy, crystalline limestone
sld41-24-34add	5,719.0	5,720.0	324PRDX	9.6	613.000000	Vuggy, crystalline limestone
sld41-24-34add	5,720.0	5,721.0	324PRDX	10.5	413.000000	Vuggy, crystalline limestone
sld41-24-34add	5,721.0	5,722.0	324PRDX	10.7	216.000000	Vuggy, crystalline limestone
sld41-24-34add	5,722.0	5,723.0	324PRDX	8.8	1,291.000000	Sucrose limestone
sld41-24-34add	5,723.0	5,724.0	324PRDX	8.4	260.000000	Vuggy, sucrose limestone
sld41-24-34add	5,724.0	5,725.0	324PRDX	13.3	2,435.000000	Vuggy, crystalline limestone
sld41-24-34add	5,725.0	5,726.0	324PRDX	9.9	475.000000	Vuggy, sucrose limestone
sld41-24-34add	5,726.0	5,727.0	324PRDX	8.4	36.000000	Vuggy, sucrose limestone
sld41-24-34add	5,731.0	5,732.0	324PRDX	7.2	49.000000	Vuggy, crystalline dolomite
sld41-24-34add	5,732.0	5,733.0	324PRDX	13.2	45.000000	Vuggy, crystalline dolomite
sld41-24-34add	5,733.0	5,734.0	324PRDX	13.6	29.000000	Sucrose limestone
sld41-24-34add	5,734.0	5,735.0	324PRDX	11.8	31.000000	Vuggy, crystalline dolomite
sld41-24-34add	5,735.0	5,736.0	324PRDX	9.1	21.000000	Vuggy, crystalline dolomite
sld41-24-34add	5,736.0	5,737.0	324PRDX	9.9	8.400000	Vuggy, crystalline dolomite
sld41-24-34add	5,737.0	5,738.0	324PRDX	8.5	26.000000	Vuggy, crystalline dolomite
sld41-24-34add	5,738.0	5,739.0	324PRDX	9.9	32.000000	Vuggy, crystalline dolomite
sld41-24-34add	5,739.0	5,740.0	324PRDX	8.3	19.000000	Vuggy, crystalline dolomite
sld41-24-34add	5,740.0	5,741.0	324PRDX	6.2	2.500000	Vuggy, crystalline dolomite
sld41-24-34add	5,741.0	5,742.0	324PRDX	3.8	0.140000	Vuggy, crystalline dolomite
sld41-24-34add	5,742.0	5,743.0	324PRDX	1.5	0.020000	Fine-grained dolomite
sld41-24-34add	5,743.0	5,744.0	324PRDX	2.0	9.400000	Crystalline dolomite
sld41-24-34add	5,744.0	5,745.0	324PRDX	1.3	0.520000	Crystalline dolomite
sld41-24-34add	5,745.0	5,746.0	324PRDX	8.6	0.010000	Fine-grained dolomite
sld41-24-34add	5,746.0	5,747.0	324PRDX	10.7	0.030000	Crystalline dolomite
sld41-24-34add	5,747.0	5,748.0	324PRDX	11.6	0.010000	Crystalline dolomite
sld41-24-34add	5,748.0	5,749.0	324PRDX	6.6	0.030000	Crystalline dolomite
sld41-24-34add	5,749.0	5,750.0	324PRDX	5.7	0.020000	Crystalline dolomite
sld41-24-34add	5,750.0	5,751.0	324PRDX	1.2	0.040000	Fine-grained dolomite
sld41-24-34add	5,751.0	5,752.0	324PRDX	0.8	0.040000	Crystalline dolomite
sld41-24-34add	5,752.0	5,753.0	324PRDX	16.3	0.090000	Dolomite
sld41-24-34add	5,753.0	5,754.0	324PRDX	3.1	0.020000	Crystalline dolomite
sld41-24-34add	5,754.0	5,755.0	324PRDX	8.9	2.100000	Dolomite
sld41-24-34add	5,755.0	5,756.0	324PRDX	14.6	0.070000	Dolomite
sld41-24-34add	5,756.0	5,757.0	324PRDX	1.2	0.150000	Limy dolomite
sld41-24-34add	5,757.0	5,758.0	324PRDX	4.2	0.520000	Vuggy, crystalline dolomite
sld41-24-34add	5,758.0	5,759.0	324PRDX	5.8	0.360000	Vuggy, crystalline dolomite
sld41-24-34add	5,759.0	5,760.0	324PRDX	2.6	0.130000	Crystalline dolomite
sld41-24-34add	5,760.0	5,761.0	324PRDX	4.5	0.360000	Vuggy, crystalline dolomite
sld41-24-34add	5,761.0	5,762.0	324PRDX	3.1	0.270000	Crystalline dolomite
sld41-24-34add	5,762.0	5,763.0	324PRDX	3.5	2.100000	Crystalline dolomite
sld41-24-34add	5,763.0	5,764.0	324PRDX	2.5	1.800000	Crystalline dolomite
sld41-24-34add	5,764.0	5,765.0	324PRDX	3.8	0.440000	Crystalline dolomite
sld41-24-34add	5,765.0	5,766.0	324PRDX	3.3	0.680000	Crystalline dolomite
sld41-24-34add	5,766.0	5,767.0	324PRDX	1.9	0.080000	Crystalline dolomite
sld41-24-34add	5,767.0	5,768.0	324PRDX	7.0	6.300000	Finely crystalline dolomite

Table 4.--Laboratory-determined porosity and permeability--Continued

Site	Depth to top (feet)	Depth to bottom (feet)	Formation	Porosity (percent)	Permeability (millidarcies)	Lithology
sld41-24-34add	5,768.0	5,769.0	324PRDX	1.0	0.100000	Finely crystalline dolomite
sld41-24-34add	5,769.0	5,770.0	324PRDX	1.0	0.500000	Finely crystalline dolomite
sld41-24-34add	5,770.0	5,771.0	324PRDX	1.2	10.000000	Finely crystalline dolomite
sld41-24-34add	5,771.0	5,772.0	324PRDX	2.2	0.060000	Finely crystalline dolomite
sld41-24-34add	5,772.0	5,773.0	324PRDX	4.7	29.000000	Finely crystalline dolomite
sld41-24-34add	5,773.0	5,774.0	324PRDX	8.3	0.030000	Finely crystalline dolomite
sld41-24-34add	5,774.0	5,775.0	324PRDX	7.2	0.010000	Fine-grained dolomite
sld41-24-34add	5,775.0	5,776.0	324PRDX	7.7	0.030000	Finely crystalline dolomite
sld41-24-34add	5,776.0	5,777.0	324PRDX	4.0	15.000000	Finely crystalline dolomite
sld41-24-34add	5,777.0	5,778.0	324PRDX	3.0	2.000000	Finely crystalline dolomite
sld41-24-34add	5,778.0	5,779.0	324PRDX	2.0	3.100000	Finely crystalline dolomite
sld41-24-34add	5,779.0	5,780.0	324PRDX	3.2	0.600000	Finely crystalline dolomite
sld41-24-34add	5,780.0	5,781.0	324PRDX	0.7	1.100000	Finely crystalline dolomite
AVERAGE--				6.0	60.291748	
SITE AVERAGE--				6.0	60.291748	
sld41-24-34cdd	5,657.0	5,658.0	324PRDX	3.9	0.020000	Sucrose limestone
sld41-24-34cdd	5,658.0	5,659.0	324PRDX	7.4	0.310000	Sucrose limestone
sld41-24-34cdd	5,659.0	5,660.0	324PRDX	5.3	0.980000	Sucrose limestone
sld41-24-34cdd	5,660.0	5,661.0	324PRDX	3.2	0.790000	Sucrose limestone
sld41-24-34cdd	5,661.0	5,662.0	324PRDX	3.2	0.790000	Sucrose limestone
sld41-24-34cdd	5,662.0	5,663.0	324PRDX	7.5	1.100000	Sucrose limestone
sld41-24-34cdd	5,663.0	5,664.0	324PRDX	5.6	0.980000	Sucrose limestone
sld41-24-34cdd	5,664.0	5,665.0	324PRDX	5.5	0.790000	Sucrose limestone
sld41-24-34cdd	5,665.0	5,666.0	324PRDX	7.1	1.300000	Sucrose limestone
sld41-24-34cdd	5,666.0	5,667.0	324PRDX	2.3	0.120000	Sucrose limestone
sld41-24-34cdd	5,667.0	5,668.0	324PRDX	5.7	0.050000	Sucrose limestone
sld41-24-34cdd	5,668.0	5,669.0	324PRDX	16.9	2.600000	Sucrose limestone
sld41-24-34cdd	5,669.0	5,670.0	324PRDX	9.7	2.800000	Sucrose limestone
sld41-24-34cdd	5,670.0	5,671.0	324PRDX	16.0	19.000000	Sucrose limestone
sld41-24-34cdd	5,671.0	5,672.0	324PRDX	16.2	1.200000	Sucrose limestone
sld41-24-34cdd	5,672.0	5,673.0	324PRDX	10.7	2.100000	Sucrose limestone
sld41-24-34cdd	5,673.0	5,674.0	324PRDX	12.3	2.300000	Sucrose limestone
sld41-24-34cdd	5,674.0	5,675.0	324PRDX	10.1	1.500000	Sucrose limestone
sld41-24-34cdd	5,675.0	5,676.0	324PRDX	12.5	0.540000	Sucrose limestone
sld41-24-34cdd	5,676.0	5,677.0	324PRDX	18.5	4.100000	Sucrose limestone
sld41-24-34cdd	5,677.0	5,678.0	324PRDX	13.6	2.900000	Sucrose limestone
sld41-24-34cdd	5,678.0	5,679.0	324PRDX	17.4	4.200000	Sucrose limestone
sld41-24-34cdd	5,679.0	5,680.0	324PRDX	16.2	2.200000	Sucrose limestone
sld41-24-34cdd	5,680.0	5,681.0	324PRDX	16.3	2.000000	Sucrose limestone
sld41-24-34cdd	5,681.0	5,682.0	324PRDX	11.2	3.400000	Sucrose limestone
sld41-24-34cdd	5,682.0	5,683.0	324PRDX	10.0	7.800000	Sucrose limestone
sld41-24-34cdd	5,683.0	5,684.0	324PRDX	2.7	2.000000	Sucrose dolomite
sld41-24-34cdd	5,684.0	5,685.0	324PRDX	7.6	0.690000	Sucrose dolomite
sld41-24-34cdd	5,685.0	5,686.0	324PRDX	11.1	2.500000	Sucrose dolomite
sld41-24-34cdd	5,686.0	5,687.0	324PRDX	11.8	0.120000	Sucrose, dolomitic limestone
sld41-24-34cdd	5,687.0	5,688.0	324PRDX	7.7	5.200000	Sucrose, dolomitic limestone
sld41-24-34cdd	5,688.0	5,689.0	324PRDX	12.0	5.200000	Sucrose, dolomitic limestone
sld41-24-34cdd	5,689.0	5,690.0	324PRDX	13.5	7.200000	Sucrose, dolomitic limestone
sld41-24-34cdd	5,690.0	5,691.0	324PRDX	8.9	2.700000	Sucrose, dolomitic limestone
sld41-24-34cdd	5,691.0	5,692.0	324PRDX	16.3	8.400000	Sucrose, dolomitic limestone

Table 4.--Laboratory-determined porosity and permeability--Continued

Site	Depth to top (feet)	Depth to bottom (feet)	Formation	Porosity (percent)	Permeability (millidarcies)	Lithology
sld41-24-34cdd	5,692.0	5,693.0	324PRDX	18.4	6.200000	Sucrose, dolomitic limestone
sld41-24-34cdd	5,693.0	5,694.0	324PRDX	18.5	4.800000	Sucrose, dolomitic limestone
sld41-24-34cdd	5,694.0	5,695.0	324PRDX	18.3	5.800000	Sucrose, limy dolomite
sld41-24-34cdd	5,695.0	5,696.0	324PRDX	7.7	4.000000	Sucrose, limy dolomite
sld41-24-34cdd	5,696.0	5,697.0	324PRDX	21.6	4.300000	Sucrose, limy dolomite
sld41-24-34cdd	5,700.0	5,701.0	324PRDX	21.5	4.600000	Sucrose, limy dolomite
sld41-24-34cdd	5,701.0	5,702.0	324PRDX	18.6	3.400000	Sucrose, limy dolomite
sld41-24-34cdd	5,702.0	5,703.0	324PRDX	2.4	1.200000	Sucrose, dolomitic limestone
sld41-24-34cdd	5,703.0	5,704.0	324PRDX	4.9	1.100000	Sucrose, dolomitic limestone
sld41-24-34cdd	5,713.0	5,714.0	324PRDX	5.5	0.740000	Sucrose, dolomitic limestone
sld41-24-34cdd	5,714.0	5,715.0	324PRDX	7.5	3.000000	Sucrose, dolomitic limestone
sld41-24-34cdd	5,715.0	5,716.0	324PRDX	5.0	0.020000	Sucrose, dolomitic limestone
sld41-24-34cdd	5,716.0	5,717.0	324PRDX	2.3	0.510000	Sucrose, dolomitic limestone
sld41-24-34cdd	5,719.0	5,720.0	324PRDX	4.6	0.320000	Sucrose limestone
sld41-24-34cdd	5,720.0	5,721.0	324PRDX	6.2	3.200000	Sucrose limestone
sld41-24-34cdd	5,721.0	5,722.0	324PRDX	5.0	0.140000	Sucrose limestone
sld41-24-34cdd	5,722.0	5,723.0	324PRDX	3.3	0.040000	Sucrose limestone
sld41-24-34cdd	5,734.0	5,735.0	324PRDX	12.4	0.200000	Sucrose, limy dolomite
sld41-24-34cdd	5,735.0	5,736.0	324PRDX	6.7	0.140000	Sucrose, limy dolomite
sld41-24-34cdd	5,736.0	5,737.0	324PRDX	10.2	0.100000	Sucrose, limy dolomite
sld41-24-34cdd	5,737.0	5,738.0	324PRDX	6.9	0.070000	Sucrose, limy dolomite
sld41-24-34cdd	5,745.0	5,746.0	324PRDX	3.6	0.200000	Sucrose limestone
sld41-24-34cdd	5,746.0	5,747.0	324PRDX	4.4	5.100000	Sucrose limestone
sld41-24-34cdd	5,747.0	5,748.0	324PRDX	8.6	0.620000	Sucrose limestone
sld41-24-34cdd	5,748.0	5,749.0	324PRDX	8.3	0.140000	Sucrose limestone
sld41-24-34cdd	5,749.0	5,750.0	324PRDX	4.7	0.350000	Sucrose limestone
sld41-24-34cdd	5,750.0	5,751.0	324PRDX	6.2	0.400000	Sucrose limestone
sld41-24-34cdd	5,751.0	5,752.0	324PRDX	8.8	0.690000	Sucrose limestone
sld41-24-34cdd	5,752.0	5,753.0	324PRDX	8.6	0.970000	Sucrose limestone
sld41-24-34cdd	5,760.0	5,761.0	324PRDX	8.5	115.000000	Sucrose limestone
sld41-24-34cdd	5,761.0	5,762.0	324PRDX	7.4	5.000000	Sucrose limestone
sld41-24-34cdd	5,762.0	5,763.0	324PRDX	6.9	2.600000	Sucrose limestone
sld41-24-34cdd	5,763.0	5,764.0	324PRDX	5.7	0.860000	Sucrose limestone
sld41-24-34cdd	5,764.0	5,765.0	324PRDX	6.4	20.000000	Sucrose limestone
sld41-24-34cdd	5,765.0	5,766.0	324PRDX	5.1	3.200000	Sucrose limestone
sld41-24-34cdd	5,766.0	5,767.0	324PRDX	7.3	5.000000	Sucrose limestone
sld41-24-34cdd	5,767.0	5,768.0	324PRDX	6.1	0.590000	Sucrose limestone
sld41-24-34cdd	5,768.0	5,769.0	324PRDX	5.8	16.000000	Sucrose limestone
sld41-24-34cdd	5,769.0	5,770.0	324PRDX	4.3	0.170000	Sucrose limestone
sld41-24-34cdd	5,774.0	5,775.0	324PRDX	7.9	0.100000	Fine-grained dolomite
sld41-24-34cdd	5,775.0	5,776.0	324PRDX	12.5	0.060000	Dolomite
sld41-24-34cdd	5,776.0	5,777.0	324PRDX	8.7	0.200000	Dolomite
sld41-24-34cdd	5,777.0	5,778.0	324PRDX	7.1	0.080000	Dolomite
sld41-24-34cdd	5,779.0	5,780.0	324PRDX	5.3	0.100000	Sucrose dolomite
sld41-24-34cdd	5,780.0	5,781.0	324PRDX	3.4	0.020000	Sucrose dolomite
sld41-24-34cdd	5,781.0	5,782.0	324PRDX	8.1	0.020000	Sucrose dolomite
sld41-24-34cdd	5,782.0	5,783.0	324PRDX	8.3	0.040000	Sucrose dolomite
sld41-24-34cdd	5,783.0	5,784.0	324PRDX	12.9	0.040000	Sucrose dolomite
sld41-24-34cdd	5,784.0	5,785.0	324PRDX	11.4	1.100000	Sucrose dolomite
sld41-24-34cdd	5,785.0	5,786.0	324PRDX	10.0	145.000000	Sucrose dolomite



Table 4.--Laboratory-determined porosity and permeability--Continued

Site	Depth to top (feet)	Depth to bottom (feet)	Formation	Porosity (percent)	Permeability (millidarcies)	Lithology
sld41-24-34cdd	5,786.0	5,787.0	324PRDX	11.3	0.830000	Sucrose dolomite
sld41-24-34cdd	5,787.0	5,788.0	324PRDX	7.8	0.010000	Sucrose dolomite
sld41-24-34cdd	5,788.0	5,789.0	324PRDX	9.5	0.100000	Sucrose dolomite
sld41-24-34cdd	5,789.0	5,790.0	324PRDX	6.7	0.020000	Sucrose dolomite
sld41-24-34cdd	5,793.0	5,794.0	324PRDX	4.6	0.840000	Sucrose limestone
sld41-24-34cdd	5,794.0	5,795.0	324PRDX	7.2	1.300000	Sucrose limestone
sld41-24-34cdd	5,795.0	5,796.0	324PRDX	6.7	2.000000	Sucrose, dolomitic limestone
sld41-24-34cdd	5,796.0	5,797.0	324PRDX	6.0	1.700000	Fine-grained dolomite
sld41-24-34cdd	5,797.0	5,798.0	324PRDX	6.2	0.710000	Sucrose, dolomitic limestone
sld41-24-34cdd	5,798.0	5,799.0	324PRDX	4.0	0.620000	Sucrose, dolomitic limestone
sld41-24-34cdd	5,799.0	5,800.0	324PRDX	4.9	0.870000	Sucrose limestone
sld41-24-34cdd	5,800.0	5,801.0	324PRDX	3.2	0.450000	Sucrose limestone
sld41-24-34cdd	5,801.0	5,802.0	324PRDX	3.6	0.370000	Sucrose limestone
AVERAGE--				8.7	4.869694	
SITE AVERAGE-----				8.7	4.869694	
sld41-25-32bbd	5,316.0	5,317.0	324PRDX	1.1	0.020000	Finely crystalline limestone
sld41-25-32bbd	5,318.0	5,319.0	324PRDX	0.9	0.010000	Finely crystalline limestone
sld41-25-32bbd	5,320.0	5,321.0	324PRDX	0.5	0.010000	Finely crystalline limestone
sld41-25-32bbd	5,322.0	5,323.0	324PRDX	1.0	0.010000	Finely crystalline limestone
sld41-25-32bbd	5,324.0	5,325.0	324PRDX	1.4	0.020000	Finely crystalline limestone
sld41-25-32bbd	5,326.0	5,327.0	324PRDX	1.3	0.010000	Finely crystalline limestone
sld41-25-32bbd	5,332.0	5,333.0	324PRDX	0.6	0.010000	Finely crystalline limestone
sld41-25-32bbd	5,334.0	5,335.0	324PRDX	1.1	0.020000	Finely crystalline limestone
sld41-25-32bbd	5,336.0	5,337.0	324PRDX	1.6	0.020000	Finely crystalline limestone
sld41-25-32bbd	5,338.0	5,339.0	324PRDX	1.7	0.020000	Finely crystalline limestone
sld41-25-32bbd	5,340.0	5,341.0	324PRDX	1.9	0.020000	Finely crystalline limestone
sld41-25-32bbd	5,342.0	5,343.0	324PRDX	1.0	0.040000	Finely crystalline limestone
sld41-25-32bbd	5,344.0	5,345.0	324PRDX	2.0	0.020000	Finely crystalline limestone
sld41-25-32bbd	5,345.0	5,346.0	324PRDX	2.4	0.030000	Anhydritic, finely crystalline limestone
sld41-25-32bbd	5,346.0	5,347.0	324PRDX	2.0	0.060000	Anhydritic, finely crystalline limestone
sld41-25-32bbd	5,347.0	5,348.0	324PRDX	4.5	0.400000	Anhydritic, finely crystalline limestone
sld41-25-32bbd	5,348.0	5,349.0	324PRDX	0.7	0.030000	Anhydritic, finely crystalline limestone
sld41-25-32bbd	5,349.0	5,350.0	324PRDX	0.4	0.050000	Anhydritic, finely crystalline limestone
sld41-25-32bbd	5,350.0	5,351.0	324PRDX	0.4	0.020000	Anhydritic, finely crystalline limestone
sld41-25-32bbd	5,351.0	5,352.0	324PRDX	0.8	0.040000	Anhydritic, finely crystalline limestone
sld41-25-32bbd	5,352.0	5,353.0	324PRDX	4.1	0.050000	Finely crystalline limestone
sld41-25-32bbd	5,353.0	5,354.0	324PRDX	0.5	0.050000	Finely crystalline limestone
sld41-25-32bbd	5,354.0	5,355.0	324PRDX	0.5	0.060000	Anhydritic, finely crystalline limestone
sld41-25-32bbd	5,355.0	5,356.0	324PRDX	0.8	0.030000	Anhydrite with limestone interbeds
sld41-25-32bbd	5,356.0	5,357.0	324PRDX	0.4	27.000000	Anhydrite with limestone interbeds
sld41-25-32bbd	5,357.0	5,358.0	324PRDX	1.6	0.020000	Anhydrite with limestone interbeds
sld41-25-32bbd	5,358.0	5,359.0	324PRDX	0.4	0.060000	Anhydrite with limestone interbeds
sld41-25-32bbd	5,359.0	5,360.0	324PRDX	0.3	0.040000	Anhydrite with limestone interbeds
sld41-25-32bbd	5,360.0	5,361.0	324PRDX	0.4	0.060000	Anhydrite with limestone interbeds
sld41-25-32bbd	5,361.0	5,362.0	324PRDX	1.2	0.080000	Finely crystalline limestone
sld41-25-32bbd	5,362.0	5,363.0	324PRDX	1.5	0.020000	Finely crystalline limestone
sld41-25-32bbd	5,363.0	5,364.0	324PRDX	1.8	0.020000	Finely crystalline limestone
sld41-25-32bbd	5,364.0	5,365.0	324PRDX	0.6	1.300000	Finely crystalline limestone
sld41-25-32bbd	5,365.0	5,366.0	324PRDX	0.3	0.020000	Finely crystalline limestone
sld41-25-32bbd	5,366.0	5,367.0	324PRDX	0.6	4.600000	Finely crystalline limestone

Table 4.--Laboratory-determined porosity and permeability--Continued

Site	Depth to top (feet)	Depth to bottom (feet)	Formation	Porosity (percent)	Permeability (millidarcies)	Lithology
sld41-25-32bbd	5,367.0	5,368.0	324PRDX	1.1	0.010000	Finely crystalline limestone
sld41-25-32bbd	5,368.0	5,369.0	324PRDX	1.6	0.040000	Finely crystalline limestone
sld41-25-32bbd	5,369.0	5,370.0	324PRDX	1.7	0.240000	Finely crystalline limestone
sld41-25-32bbd	5,370.0	5,371.0	324PRDX	0.9	0.050000	Finely crystalline limestone
sld41-25-32bbd	5,371.0	5,372.0	324PRDX	1.7	0.030000	Finely crystalline limestone
sld41-25-32bbd	5,372.0	5,373.0	324PRDX	1.5	0.030000	Finely crystalline limestone
sld41-25-32bbd	5,373.0	5,374.0	324PRDX	0.9	0.020000	Finely crystalline limestone
sld41-25-32bbd	5,374.0	5,375.0	324PRDX	0.7	0.020000	Finely crystalline limestone
sld41-25-32bbd	5,375.0	5,376.0	324PRDX	0.9	0.010000	Shaly, finely crystalline, dolomitic limestone
sld41-25-32bbd	5,376.0	5,377.0	324PRDX	1.7	0.010000	Finely crystalline limestone
sld41-25-32bbd	5,415.0	5,416.0	324PRDX	2.9	0.040000	Shaly, finely crystalline, dolomitic limestone
sld41-25-32bbd	5,416.0	5,417.0	324PRDX	5.1	0.160000	Shaly, finely crystalline, dolomitic limestone
sld41-25-32bbd	5,417.0	5,418.0	324PRDX	5.2	0.040000	Shaly, finely crystalline, dolomitic limestone
sld41-25-32bbd	5,418.0	5,419.0	324PRDX	5.6	0.120000	Shaly, finely crystalline, dolomitic limestone
sld41-25-32bbd	5,419.0	5,420.0	324PRDX	6.1	0.020000	Shaly, finely crystalline, dolomitic limestone
sld41-25-32bbd	5,420.0	5,421.0	324PRDX	6.2	0.020000	Shaly, finely crystalline, dolomitic limestone
sld41-25-32bbd	5,421.0	5,422.0	324PRDX	7.8	0.020000	Shaly, finely crystalline, dolomitic limestone
sld41-25-32bbd	5,422.0	5,423.0	324PRDX	0.7	0.070000	Anhydritic, medium- to coarse-crystalline limestone
sld41-25-32bbd	5,423.0	5,424.0	324PRDX	0.4	0.070000	Anhydritic, medium- to coarse-crystalline limestone
sld41-25-32bbd	5,424.0	5,425.0	324PRDX	0.4	0.040000	Anhydritic, medium- to coarse-crystalline limestone
sld41-25-32bbd	5,425.0	5,426.0	324PRDX	0.5	0.070000	Anhydritic, medium- to coarse-crystalline limestone
sld41-25-32bbd	5,435.0	5,436.0	324PRDX	0.4	0.012000	Anhydritic, medium- to coarse-crystalline limestone
sld41-25-32bbd	5,436.0	5,437.0	324PRDX	0.4	0.010000	Anhydritic, medium- to coarse-crystalline limestone
sld41-25-32bbd	5,440.0	5,441.0	324PRDX	2.6	0.020000	Carbonaceous, crystalline, dolomitic limestone
sld41-25-32bbd	5,441.0	5,442.0	324PRDX	2.4	0.020000	Carbonaceous, crystalline, dolomitic limestone
sld41-25-32bbd	5,442.0	5,443.0	324PRDX	5.0	0.020000	Finely crystalline, dolomitic limestone
sld41-25-32bbd	5,443.0	5,444.0	324PRDX	4.2	0.020000	Finely crystalline, dolomitic limestone
sld41-25-32bbd	5,444.0	5,445.0	324PRDX	3.2	0.030000	Finely crystalline limestone
sld41-25-32bbd	5,445.0	5,446.0	324PRDX	6.2	0.050000	Vuggy, finely crystalline limestone
sld41-25-32bbd	5,446.0	5,447.0	324PRDX	10.2	1.000000	Vuggy, finely crystalline limestone
sld41-25-32bbd	5,447.0	5,448.0	324PRDX	18.1	3.100000	Vuggy, finely crystalline, dolomitic limestone
sld41-25-32bbd	5,448.0	5,449.0	324PRDX	12.9	0.130000	Vuggy, finely crystalline, dolomitic limestone
sld41-25-32bbd	5,449.0	5,450.0	324PRDX	6.9	0.210000	Vuggy, finely crystalline, dolomitic limestone
sld41-25-32bbd	5,450.0	5,451.0	324PRDX	2.3	0.060000	Finely crystalline limestone
sld41-25-32bbd	5,451.0	5,452.0	324PRDX	1.0	0.030000	Finely crystalline limestone
sld41-25-32bbd	5,452.0	5,453.0	324PRDX	0.7	0.010000	Finely crystalline limestone
sld41-25-32bbd	5,453.0	5,454.0	324PRDX	0.6	0.020000	Finely crystalline limestone
sld41-25-32bbd	5,454.0	5,455.0	324PRDX	1.2	0.040000	Fine- to medium-crystalline limestone
sld41-25-32bbd	5,455.0	5,456.0	324PRDX	0.8	0.040000	Finely crystalline limestone
sld41-25-32bbd	5,456.0	5,457.0	324PRDX	0.7	0.050000	Finely crystalline limestone
sld41-25-32bbd	5,457.0	5,458.0	324PRDX	0.7	0.040000	Finely crystalline limestone
sld41-25-32bbd	5,458.0	5,459.0	324PRDX	0.4	0.130000	Finely crystalline limestone
sld41-25-32bbd	5,459.0	5,460.0	324PRDX	0.5	0.050000	Finely crystalline limestone
sld41-25-32bbd	5,460.0	5,461.0	324PRDX	0.7	0.040000	Anhydritic, finely crystalline limestone
sld41-25-32bbd	5,461.0	5,462.0	324PRDX	0.7	0.050000	Anhydritic, finely crystalline limestone
sld41-25-32bbd	5,462.0	5,463.0	324PRDX	0.8	0.060000	Anhydritic, finely crystalline limestone
sld41-25-32bbd	5,463.0	5,464.0	324PRDX	1.5	0.330000	Anhydritic, finely crystalline limestone
sld41-25-32bbd	5,464.0	5,465.0	324PRDX	0.6	0.040000	Anhydritic, finely crystalline limestone
sld41-25-32bbd	5,465.0	5,466.0	324PRDX	0.8	0.120000	Anhydritic, finely crystalline limestone
sld41-25-32bbd	5,466.0	5,467.0	324PRDX	0.8	0.080000	Anhydritic, finely crystalline limestone

Table 4.--Laboratory-determined porosity and permeability--Continued

Site	Depth to top (feet)	Depth to bottom (feet)	Formation	Porosity (percent)	Permeability (millidarcies)	Lithology
sld41-25-32bbd	5,467.0	5,468.0	324PRDX	1.0	0.050000	Anhydritic, finely crystalline limestone
sld41-25-32bbd	5,468.0	5,469.0	324PRDX	0.7	0.050000	Vuggy, anhydritic, crystalline limestone
sld41-25-32bbd	5,469.0	5,470.0	324PRDX	1.1	0.060000	Vuggy, anhydritic, crystalline limestone
sld41-25-32bbd	5,470.0	5,471.0	324PRDX	3.2	0.140000	Vuggy, anhydritic, crystalline limestone
sld41-25-32bbd	5,471.0	5,472.0	324PRDX	1.6	0.050000	Vuggy, anhydritic, crystalline limestone
sld41-25-32bbd	5,472.0	5,473.0	324PRDX	6.2	0.480000	Vuggy, anhydritic, crystalline limestone
sld41-25-32bbd	5,473.0	5,474.0	324PRDX	1.7	0.340000	Vuggy, anhydritic, crystalline limestone
sld41-25-32bbd	5,474.0	5,475.0	324PRDX	2.3	1.300000	Vuggy, anhydritic, crystalline limestone
sld41-25-32bbd	5,475.0	5,476.0	324PRDX	4.0	2.800000	Vuggy, anhydritic, crystalline limestone
sld41-25-32bbd	5,476.0	5,477.0	324PRDX	2.5	0.210000	Vuggy, anhydritic, crystalline limestone
sld41-25-32bbd	5,477.0	5,478.0	324PRDX	2.4	0.200000	Vuggy, anhydritic, crystalline limestone
sld41-25-32bbd	5,478.0	5,479.0	324PRDX	2.4	0.210000	Vuggy, anhydritic, crystalline limestone
sld41-25-32bbd	5,479.0	5,480.0	324PRDX	3.0	0.260000	Vuggy, anhydritic, crystalline limestone
sld41-25-32bbd	5,480.0	5,481.0	324PRDX	2.5	0.120000	Vuggy, anhydritic, crystalline limestone
sld41-25-32bbd	5,481.0	5,482.0	324PRDX	1.9	0.240000	Vuggy, anhydritic, crystalline limestone
sld41-25-32bbd	5,482.0	5,483.0	324PRDX	2.8	1.000000	Vuggy, anhydritic, crystalline limestone
sld41-25-32bbd	5,483.0	5,484.0	324PRDX	4.4	1.200000	Vuggy, anhydritic, crystalline limestone
sld41-25-32bbd	5,484.0	5,485.0	324PRDX	3.6	0.270000	Vuggy, anhydritic, crystalline limestone
sld41-25-32bbd	5,485.0	5,486.0	324PRDX	5.6	0.970000	Vuggy, anhydritic, crystalline limestone
sld41-25-32bbd	5,446.0	5,487.0	324PRDX	4.1	0.380000	Vuggy, anhydritic, crystalline limestone
sld41-25-32bbd	5,487.0	5,488.0	324PRDX	4.0	1.000000	Vuggy, anhydritic, crystalline limestone
sld41-25-32bbd	5,488.0	5,489.0	324PRDX	2.2	0.130000	Vuggy, anhydritic, crystalline, dolomitic limestone
sld41-25-32bbd	5,489.0	5,490.0	324PRDX	4.3	0.480000	Vuggy, anhydritic, crystalline, dolomitic limestone
sld41-25-32bbd	5,490.0	5,491.0	324PRDX	2.5	0.110000	Vuggy, anhydritic, crystalline, dolomitic limestone
sld41-25-32bbd	5,491.0	5,492.0	324PRDX	4.5	0.580000	Vuggy, anhydritic, crystalline, dolomitic limestone
sld41-25-32bbd	5,492.0	5,493.0	324PRDX	1.2	0.550000	Vuggy, anhydritic, crystalline, dolomitic limestone
sld41-25-32bbd	5,493.0	5,494.0	324PRDX	1.0	0.170000	Anhydritic, finely crystalline limestone
sld41-25-32bbd	5,494.0	5,495.0	324PRDX	0.6	0.180000	Anhydritic, finely crystalline limestone
sld41-25-32bbd	5,495.0	5,496.0	324PRDX	0.6	0.180000	Anhydritic, finely crystalline limestone
sld41-25-32bbd	5,496.0	5,497.0	324PRDX	0.3	0.180000	Anhydritic, finely crystalline limestone
sld41-25-32bbd	5,497.0	5,498.0	324PRDX	0.6	0.910000	Anhydritic, finely crystalline limestone
sld41-25-32bbd	5,498.0	5,499.0	324PRDX	0.7	0.210000	Anhydritic, finely crystalline limestone
AVERAGE--				2.2	0.480530	
SITE AVERAGE-----				2.2	0.480530	
sld42-24-04add	5,494.0	5,495.0	324PRDX	17.8	32.000000	Sucrose limestone
sld42-24-04add	5,495.0	5,496.0	324PRDX	21.6	51.000000	Vuggy, sucrose limestone
sld42-24-04add	5,496.0	5,497.0	324PRDX	4.8	0.380000	Sucrose limestone
sld42-24-04add	5,497.0	5,498.0	324PRDX	6.3	0.620000	Sucrose limestone
sld42-24-04add	5,498.0	5,499.0	324PRDX	10.8	1.400000	Vuggy, sucrose limestone
sld42-24-04add	5,499.0	5,500.0	324PRDX	10.9	1.200000	Sucrose limestone
sld42-24-04add	5,500.0	5,501.0	324PRDX	14.0	4.000000	Vuggy, sucrose limestone
sld42-24-04add	5,501.0	5,502.0	324PRDX	18.2	10.000000	Vuggy, sucrose limestone
sld42-24-04add	5,502.0	5,503.0	324PRDX	20.4	16.000000	Sucrose limestone
sld42-24-04add	5,503.0	5,504.0	324PRDX	23.6	27.000000	Sucrose limestone
sld42-24-04add	5,504.0	5,505.0	324PRDX	24.8	38.000000	Sucrose limestone
sld42-24-04add	5,505.0	5,506.0	324PRDX	26.5	46.000000	Vuggy, sucrose limestone
sld42-24-04add	5,506.0	5,507.0	324PRDX	25.1	51.000000	Sucrose limestone
sld42-24-04add	5,507.0	5,508.0	324PRDX	24.1	31.000000	Sucrose limestone
sld42-24-04add	5,508.0	5,509.0	324PRDX	23.9	26.000000	Vuggy, sucrose limestone

Table 4.--Laboratory-determined porosity and permeability--Continued

Site	Depth to top (feet)	Depth to bottom (feet)	Formation	Porosity (percent)	Permeability (millidarcies)	Lithology
sld42-24-04add	5,509.0	5,510.0	324PRDX	20.5	9.200000	Sucrose limestone
sld42-24-04add	5,510.0	5,511.0	324PRDX	13.9	9.000000	Sucrose limestone
sld42-24-04add	5,511.0	5,512.0	324PRDX	21.0	21.000000	Sucrose limestone
sld42-24-04add	5,512.0	5,513.0	324PRDX	23.9	37.000000	Sucrose limestone
sld42-24-04add	5,513.0	5,514.0	324PRDX	16.1	8.900000	Vuggy, sucrose limestone
sld42-24-04add	5,514.0	5,515.0	324PRDX	5.1	0.370000	Vuggy, sucrose limestone
sld42-24-04add	5,515.0	5,516.0	324PRDX	5.2	0.100000	Vuggy, crystalline limestone
sld42-24-04add	5,516.0	5,517.0	324PRDX	11.2	0.490000	Vuggy, crystalline limestone
sld42-24-04add	5,517.0	5,518.0	324PRDX	10.0	36.000000	Crystalline limestone
sld42-24-04add	5,518.0	5,519.0	324PRDX	11.4	1.400000	Vuggy, crystalline limestone
sld42-24-04add	5,519.0	5,520.0	324PRDX	8.3	7.500000	Vuggy, crystalline limestone
sld42-24-04add	5,520.0	5,521.0	324PRDX	15.2	61.000000	Vuggy, crystalline limestone
sld42-24-04add	5,521.0	5,522.0	324PRDX	14.6	0.290000	Vuggy, crystalline limestone
sld42-24-04add	5,522.0	5,523.0	324PRDX	15.2	0.700000	Vuggy, sucrose limestone
sld42-24-04add	5,523.0	5,524.0	324PRDX	18.9	3.900000	Vuggy, sucrose limestone
sld42-24-04add	5,524.0	5,525.0	324PRDX	21.1	2.300000	Vuggy, sucrose limestone
sld42-24-04add	5,525.0	5,526.0	324PRDX	10.3	0.710000	Vuggy, crystalline limestone
sld42-24-04add	5,526.0	5,527.0	324PRDX	7.1	2.800000	Finely crystalline limestone
sld42-24-04add	5,527.0	5,528.0	324PRDX	0.8	0.310000	Finely crystalline limestone
sld42-24-04add	5,528.0	5,529.0	324PRDX	1.1	0.310000	Finely crystalline limestone
sld42-24-04add	5,529.0	5,530.0	324PRDX	0.7	0.070000	Finely crystalline limestone
sld42-24-04add	5,543.0	5,544.0	324PRDX	4.2	1.900000	Carbonaceous, crystalline limestone
sld42-24-04add	5,544.0	5,545.0	324PRDX	2.5	0.660000	Crystalline limestone
sld42-24-04add	5,545.0	5,546.0	324PRDX	0.6	0.020000	Vuggy, crystalline limestone
sld42-24-04add	5,546.0	5,547.0	324PRDX	1.1	0.030000	Vuggy, crystalline limestone
sld42-24-04add	5,547.0	5,548.0	324PRDX	1.2	2.900000	Crystalline limestone
sld42-24-04add	5,548.0	5,549.0	324PRDX	0.8	0.080000	Crystalline limestone
sld42-24-04add	5,549.0	5,550.0	324PRDX	0.6	0.110000	Crystalline limestone
sld42-24-04add	5,550.0	5,551.0	324PRDX	3.7	0.130000	Crystalline limestone
sld42-24-04add	5,551.0	5,552.0	324PRDX	6.9	0.200000	Vuggy, crystalline limestone
sld42-24-04add	5,552.0	5,553.0	324PRDX	4.2	7.600000	Vuggy, crystalline limestone
sld42-24-04add	5,553.0	5,554.0	324PRDX	5.2	2.500000	Vuggy, crystalline limestone
sld42-24-04add	5,554.0	5,555.0	324PRDX	5.1	1.200000	Vuggy, crystalline limestone
sld42-24-04add	5,555.0	5,556.0	324PRDX	3.6	0.180000	Crystalline limestone
sld42-24-04add	5,572.0	5,573.0	324PRDX	1.7	0.160000	Crystalline limestone
sld42-24-04add	5,573.0	5,574.0	324PRDX	3.2	0.130000	Crystalline limestone
sld42-24-04add	5,574.0	5,575.0	324PRDX	3.2	0.070000	Vuggy, crystalline limestone
sld42-24-04add	5,575.0	5,576.0	324PRDX	3.9	0.490000	Vuggy, crystalline limestone
sld42-24-04add	5,576.0	5,577.0	324PRDX	6.7	1.100000	Vuggy, crystalline limestone
sld42-24-04add	5,577.0	5,578.0	324PRDX	4.1	0.350000	Finely crystalline limestone
sld42-24-04add	5,578.0	5,579.0	324PRDX	3.9	2.500000	Crystalline limestone
sld42-24-04add	5,582.0	5,583.0	324PRDX	0.8	0.090000	Fine-grained limestone
sld42-24-04add	5,583.0	5,584.0	324PRDX	6.1	0.770000	Vuggy, crystalline limestone
sld42-24-04add	5,584.0	5,585.0	324PRDX	8.2	0.440000	Vuggy, crystalline limestone
sld42-24-04add	5,585.0	5,586.0	324PRDX	8.6	2.500000	Vuggy, crystalline limestone
sld42-24-04add	5,586.0	5,587.0	324PRDX	1.0	1.000000	Vuggy, crystalline limestone
sld42-24-04add	5,587.0	5,588.0	324PRDX	4.5	2.100000	Vuggy, crystalline limestone
sld42-24-04add	5,588.0	5,589.0	324PRDX	5.6	0.980000	Vuggy, crystalline limestone
sld42-24-04add	5,589.0	5,590.0	324PRDX	8.8	1.700000	Vuggy, crystalline limestone
sld42-24-04add	5,590.0	5,591.0	324PRDX	6.1	1.100000	Vuggy, crystalline limestone

Table 4.--Laboratory-determined porosity and permeability--Continued

Site	Depth to top (feet)	Depth to bottom (feet)	Forma- tion	Porosity (percent)	Perme- ability (milli- darcies)	Lithology
sld42-24-04add	5,591.0	5,592.0	324PRDX	4.2	0.200000	Vuggy, crystalline limestone
sld42-24-04add	5,592.0	5,593.0	324PRDX	8.0	4.900000	Vuggy, crystalline limestone
sld42-24-04add	5,593.0	5,594.0	324PRDX	9.0	9.500000	Vuggy, crystalline limestone
sld42-24-04add	5,594.0	5,595.0	324PRDX	7.2	4.800000	Vuggy, crystalline limestone
sld42-24-04add	5,595.0	5,596.0	324PRDX	6.7	1.900000	Vuggy, crystalline limestone
sld42-24-04add	5,596.0	5,597.0	324PRDX	7.3	6.500000	Vuggy limestone
sld42-24-04add	5,597.0	5,598.0	324PRDX	3.9	0.100000	Carbonaceous, crystalline limestone
sld42-24-04add	5,598.0	5,599.0	324PRDX	3.3	0.110000	Crystalline limestone
sld42-24-04add	5,599.0	5,600.0	324PRDX	3.5	0.090000	Finely crystalline limestone
sld42-24-04add	5,614.0	5,615.0	324PRDX	10.8	1.800000	Sucrose limestone
sld42-24-04add	5,615.0	5,616.0	324PRDX	17.1	1.700000	Sucrose limestone
sld42-24-04add	5,616.0	5,617.0	324PRDX	20.0	6.300000	Fine-grained limestone
sld42-24-04add	5,617.0	5,618.0	324PRDX	13.9	0.900000	Fine-grained limestone
sld42-24-04add	5,622.0	5,623.0	324PRDX	3.8	1.300000	Fine-grained limestone
sld42-24-04add	5,623.0	5,624.0	324PRDX	5.1	0.470000	Crystalline limestone
sld42-24-04add	5,624.0	5,625.0	324PRDX	4.4	6.400000	Vuggy, finely crystalline limestone
sld42-24-04add	5,625.0	5,626.0	324PRDX	4.5	0.560000	Crystalline limestone
sld42-24-04add	5,626.0	5,627.0	324PRDX	3.4	0.360000	Limestone
sld42-24-04add	5,627.0	5,628.0	324PRDX	4.4	0.400000	Crystalline limestone
sld42-24-04add	5,628.0	5,629.0	324PRDX	2.9	0.130000	Crystalline limestone
sld42-24-04add	5,629.0	5,630.0	324PRDX	2.8	0.170000	Crystalline limestone
sld42-24-04add	5,630.0	5,631.0	324PRDX	2.0	5.500000	Finely crystalline limestone
AVERAGE--				9.1	7.195747	
SITE AVERAGE-----				9.1	7.195747	
sld42-26-29dad	5,735.0	5,736.0	324PRDX	2.5	0.100000	Shaly, fossiliferous limestone
sld42-26-29dad	5,736.0	5,737.0	324PRDX	6.7	0.100000	Shaly, fossiliferous limestone
sld42-26-29dad	5,737.0	5,738.0	324PRDX	4.4	0.010000	Shaly, fossiliferous limestone
sld42-26-29dad	5,738.0	5,739.0	324PRDX	5.9	0.060000	Shaly, fossiliferous limestone
sld42-26-29dad	5,739.0	5,740.0	324PRDX	8.3	142.000000	Shaly, fossiliferous limestone
sld42-26-29dad	5,740.0	5,741.0	324PRDX	11.2	37.000000	Shaly, fossiliferous limestone
sld42-26-29dad	5,741.0	5,742.0	324PRDX	11.7	52.000000	Shaly, fossiliferous limestone
sld42-26-29dad	5,742.0	5,743.0	324PRDX	13.3	2.700000	Shaly, fossiliferous limestone
sld42-26-29dad	5,743.0	5,744.0	324PRDX	9.5	1.100000	Shaly, fossiliferous limestone
sld42-26-29dad	5,744.0	5,745.0	324PRDX	9.4	5.500000	Shaly, fossiliferous limestone
sld42-26-29dad	5,745.0	5,746.0	324PRDX	7.5	0.600000	Shaly, fossiliferous limestone
sld42-26-29dad	5,746.0	5,747.0	324PRDX	6.7	0.650000	Shaly, fossiliferous limestone
sld42-26-29dad	5,749.0	5,750.0	324PRDX	1.4	0.010000	Shaly, fine-grained limestone
AVERAGE--				7.6	18.602308	
SITE AVERAGE-----				7.6	18.602308	
ua02-01-18aba	0.0	0.4	321WEBR	18.8	30.000000	Cross-bedded sandstone
AVERAGE--				18.8	30.000000	
SITE AVERAGE-----				18.8	30.000000	
				6.5	21.733119	

Table 5.--*In-situ permeability and hydraulic conductivity*

1. Formation codes are defined in table 1.
2. Depths to the top and bottom of tested intervals are measured from land surface, top of casing, the drilling platform, or the kelly bushing. The measuring point was unspecified or was not recorded in compiling the data in this table. An error of no more than 20 feet is introduced by assuming that the measuring point was the land surface. The number 99,999 in either of these columns means that the depth is unknown.
3. Test type--abbreviations used include: lab--estimated from average laboratory-determined permeability of core samples; lab:oc--estimated from average laboratory-determined permeability of outcrop samples; and geophys--estimated from average geophysically determined porosity in the interval. Other test types listed are largely self-explanatory and include slug (constant-rate) pumping, flow(ing well), bailing, (pressure) injection, drill-stem, and airlift (pumping) tests.
4. Permeability--All permeability values listed in this table either were determined directly by drill-stem tests or were converted to equivalent in-situ permeability from laboratory determined permeability, laboratory determined porosity, or geophysically determined porosity, by equations in table 2 and equations 5 and 6.
5. Hydraulic conductivity--Values in this column were measured directly by pressure-injection tests, calculated from transmissivity (usually by dividing by test-interval thickness), or calculated by equation 7 from in-situ permeability.
6. All values reported in this table are rounded to two significant figures (trailing zeroes are not significant).
7. Lithology--Lithologic descriptions are condensed from descriptions on geologic logs of test intervals and are considered subjective, rather than quantitative. The term shale in this column when used with silt-stone can mean either mudstone, claystone, or marl.
8. Source--Sources used for information presented in this table are stated in condensed form to save space. Abbreviations used in this column include: CDWR--Colorado Division of Water Resources (Denver, Colo.); PI--Petroleum Information Corp. (Denver, Colo.); USBR--U.S. Bureau of Reclamation (Denver, Colo., and Salt Lake City, Utah); USGS--U.S. Geological Survey; Woodward-Clyde--Woodward-Clyde Consultants Corp. (Denver, Colo.).

Table 5.--In-situ permeability and hydraulic conductivity

Site	Depth to top (feet)	Depth to bottom (feet)	Test type	Permeability (millidarcies)	Hydraulic conductivity (feet per day)	Lithology	Source
<u>310PMPV</u>							
sld30-21-21ddd	400.0	2,728.0	airlift		0.001100	317CDRM, 317ELPC, 321HKTL, and 324PRDX	Woodward-Clyde (1982)
sld37-19-31ba	417.0	1,621.0	pumping	1.100000	0.00300	317CDRM, 317ELPC, and 321HKTL	Thackston and others (1984)
<u>317CDRM</u>							
slc35-02-35bd	9,158.0	9,191.0	drillstem	0.17000	0.000400	Quartzitic sandstone	Teller and Chafin (1986)
sld30-19-25cdc	24.0	77.0	pumping		2.500000	Quartz sandstone	Richter (1980)
sld35-05-32	3,030.0	3,100.0	geophys	3.90000	0.009600	Quartz sandstone	PI files
sld35-15-15	0.0	0.4	lab:oc	43.00000	0.100000	Quartz sandstone	Jobin (1962)
sld36-01-11	7,480.0	7,620.0	geophys	3.80000	0.009300	Quartz sandstone with siltstone	PI files
sld37-02-07bbd	7,850.0	7,964.0	drillstem	2.00000	0.004900	Limy, quartz sandstone	Teller and Chafin (1986)
sld40-05-05cc	6,516.0	6,540.0	drillstem	2.50000	0.006200	Dolomitic sandstone	Teller and Chafin (1986)
<u>317CTLR</u>							
nmb36-17-23bac	2,298.0	2,315.0	lab	5.00000	0.012000	Medium- to coarse-grained arkosic sandstone	PI files
nmb38-12-02	0.0	0.4	lab:oc	19.00000	0.046000	Sandstone	Jobin (1962)
nmb38-15-20ccb	2,888.0	3,222.0	lab	1.50000	0.003600	Arkosic sandstone	PI files
nmb38-15-21bcb	3,270.0	3,294.0	lab	4.80000	0.012000	Arkosic sandstone	PI files
nmb38-15-21bcb	3,628.0	3,655.0	drillstem	1.40000	0.003400	Siltstone and shale	PI files
nmb40-20-12cd	4,159.0	4,177.0	drillstem	0.95000	0.002300	Sandstone, siltstone, and shale	PI files
nmb42-18-14ad	2,971.0	3,062.0	drillstem	0.30000	0.000730	Sandstone, siltstone, and shale	PI files
nmb44-13-09ad	3,962.0	4,086.0	drillstem	2.50000	0.006100	Sandstone, siltstone, and shale	PI files
nmb44-13-34baa	2,200.0	3,950.0	geophys	0.96000	0.002300	Arkosic sandstone with shale	PI files
nmb47-18-10cbb	67.0	265.9	lab	1.40000	0.003500	Fine- to coarse-grained arkosic sandstone	USGS files
nmb47-19-04	0.0	0.4	lab:oc	2.00000	0.004900	Sandstone	Jobin (1962)
sld24-20-36	7,204.0	7,324.0	drillstem	0.30000	0.000820	Sandstone, siltstone, and shale	Woodward-Clyde (1982)
sld29-16-28cbc	2,550.0	2,750.0	pumping	0.19000	0.019000	Sandstone with shale and limestone	Hood and Danielson (1981)
sld29-24-35aca	2,577.0	2,603.0	lab	0.57000	0.001400	Silty and clayey sandstone	PI files
sld30-21-28	0.0	0.4	lab:oc	7.40000	0.018000	Sandstone	Jobin (1962)
sld30-24-24	0.0	0.4	lab:oc	61.00000	0.150000	Sandstone	Jobin (1962)
sld35-26-09aaa	2,856.0	2,910.0	drillstem	0.34000	0.000830	Sandstone and shale	PI files
sld35-26-20ad	4,369.0	4,452.0	drillstem	2.70000	0.007200	Sandstone, siltstone, and shale	Woodward-Clyde (1982)
sld36-18-31cb	585.0	1,327.0	pumping	585.0	0.027000	Sandstone and shale	Huntton (1977)
sld42-24-10aa	3,230.0	3,330.0	drillstem	9.90000	0.024000	Sandstone, siltstone, and shale	PI files

Table 5.--In-situ permeability and hydraulic conductivity--Continued

Site	Depth to top (feet)	Depth to bottom (feet)	Test type	Permeability (millidarcies)	Hydraulic conductivity (feet per day)	Lithology	Source
317DCLL							
ga26-25-16	2,175.0	2,327.0	pumping		0.270000	Quartz sandstone	Cooley and others (1969)
ga26-25-16	2,175.0	2,306.0	pumping		0.670000	Quartz sandstone	Cooley and others (1969)
ga27-26-26c	60.0	602.0	pumping		0.130000	Fine-grained, limy, quartz sandstone	Cooley and others (1969)
ga28-24-25	1,875.0	2,014.0	pumping		3.500000	Quartz sandstone	USGS files
ga28-25-27	1,790.0	1,960.0	pumping		0.270000	Quartz sandstone	USGS files
ga31-23-22	2,530.0	2,770.0	pumping		0.740000	Quartz sandstone	USGS files
ga35-28-26	100.0	452.0	pumping		0.086000	Quartz sandstone	USGS files
ga35-29-27	730.0	1,097.0	pumping		0.290000	Quartz sandstone	USGS files
ga36-29-03	50.0	806.0	pumping		0.013000	Quartz sandstone	USGS files
ga40-18-03	0.0	0.4	lab:oc	98.000000	0.240000	Quartz sandstone	Jobin (1962)
nb01-10-02	440.0	697.0	pumping		0.029000	Quartz sandstone	USGS files
nb02-09-16b	140.0	306.0	pumping		0.470000	Fine- to medium-grained friable, quartz sandstone	Cooley and others (1969)
nb03-10-15	240.0	748.0	pumping		0.200000	Fine- to medium-grained quartz sandstone	Cooley and others (1969)
nb04-11-02	1,210.0	1,508.0	pumping		0.230000	Quartz sandstone	USGS files
nb05-08-33	394.0	1,141.0	pumping		0.032000	Unknown	USGS files
nb05-09-28	0.0	0.4	lab:oc	80.000000	0.190000	Quartz sandstone	Jobin (1962)
nb05-10-16d	234.0	585.0	pumping		0.067000	Quartz sandstone	Cooley and others (1969)
nb05-10-20	606.0	1,473.0	pumping		0.085000	Quartz sandstone	USGS files
nb06-07-03	200.0	704.0	pumping		0.028000	Quartz sandstone	USGS files
nb06-08-04	275.0	778.0	pumping		0.240000	Quartz sandstone	USGS files
nb07-06-32	160.0	600.0	pumping		0.068000	Quartz sandstone	USGS files
nb07-08-33	750.0	950.0	pumping		0.090000	Quartz sandstone	USGS files
nb07-09-11	300.0	820.0	pumping		0.034000	Quartz sandstone	USGS files
nb07-09-35	350.0	517.0	pumping		0.060000	Fine- to medium-grained limy, quartz sandstone	USGS files
nc01-11-12	1,291.0	1,610.0	pumping		0.140000	Quartz sandstone	USGS files
sld38-14-03	1,840.0	2,020.0	geophys	2.600000	0.006300	Quartz sandstone	PI files
sld43-21-09bbd	3,688.0	3,720.0	drillstem	150.000000	0.430000	Silty, quartz sandstone	Woodward-Clyde (1982)
sld43-22-21da	1,411.0	1,437.0	drillstem	190.000000	0.460000	Limy, quartz sandstone	PI files
317ELPC							
sld27-15-35bc	3,219.0	3,253.0	drillstem	0.600000	0.001600	Sandstone, siltstone, and shale	Woodward-Clyde (1982)
sld27-15-35bc	3,534.0	3,587.0	drillstem	0.600000	0.001600	Limestone and dolomite with sandstone	Woodward-Clyde (1982)
sld30-13-34ab	3,618.0	3,648.0	drillstem	0.900000	0.002500	Limestone and sandstone	Woodward-Clyde (1982)
sld30-25-10ca	3,210.0	3,239.0	drillstem	10.000000	0.028000	Limy, quartz sandstone	Woodward-Clyde (1982)
sld31-12-04da	3,966.0	3,979.0	drillstem	0.480000	0.001200	Siltstone and shale	Teller and Chafin (1986)



Table 5.--In-situ permeability and hydraulic conductivity--Continued

Site	Depth to top (feet)	Depth to bottom (feet)	Test type	Permeability (millidarcies)	Hydraulic conductivity (feet per day)	Lithology	Source
<u>317GSEG</u>							
sb19-89-03bbc	10,521.0	10,718.0	drillstem	0.59000	0.001400	Shale with dolomite	PI files
<u>317HLGT</u>							
sld30-25-10ca	3,291.0	3,319.0	drillstem	2.20000	0.005900	Sandstone and limestone	Woodward-Clyde (1982)
<u>317KIBB</u>							
sld21-13-17	0.0	0.4	lab:oc	1.40000	0.003400	Sandstone	Jobin (1962)
sld24-13-23cdd	2,200.0	2,236.0	lab	1.30000	0.003100	Dolomite and anhydritic dolomite	PI files
sld27-12-09aca	2,670.0	2,720.0	lab	330.00000	0.800000	Limestone	PI files
sld32-01-10bdd	5,289.0	5,317.0	lab	21.00000	0.051000	Fine-grained to vuggy, dolomitic limestone	PI files
sld36-01-25ddb	6,936.0	6,980.0	drillstem	9.60000	0.023000	Cherty dolomite	PI files
sld38-03-08ad	7,298.0	7,330.0	drillstem	0.26000	0.000630	Glauconitic, cherty dolomite	Teller and Chafin (1986)
sld39-08-28cc	2,741.0	2,757.0	drillstem	44.00000	0.110000	Sandy dolomite	Teller and Chafin (1986)
sld40-02-19aac	8,115.0	8,142.0	drillstem	3.30000	0.008000	Cherty dolomite	PI files
<u>317PRKC</u>							
sb08-99-16bcd	3,340.0	3,400.0	drillstem	1.90000	0.004600	Limestone and sandstone	USGS files
sb13-105-35adb	14,699.0	14,818.0	lab	0.13000	0.000310	Limy dolomite	PI files
sb16-101-11ddc	14,070.0	14,243.0	lab	8.70000	0.021000	Vuggy, fine-grained to sucrose	PI files
sb17-100-04ccc	13,457.0	13,649.0	lab	2.60000	0.006300	Limy, cherty, and phosphatic dolomite	PI files
sld03-24-22bda	8,753.0	8,968.0	lab	0.07000	0.000170	Phosphatic sandstone and siliceous dolomite	PI files
sld04-20-04ddc	4,477.0	4,504.0	lab	12.00000	0.029000	Finely crystalline dolomite	PI files
sld04-20-04ddc	4,560.0	4,584.0	lab	8.50000	0.021000	Dolomite	PI files
sld05-22-23cba	4,053.0	4,063.0	lab	6.20000	0.015000	Sandy dolomite	PI files
sld05-23-18cca	4,117.0	4,215.0	lab	3.50000	0.008600	Limestone and limy to quartzitic sandstone	PI files
sld15-13-11dd	5,522.0	5,670.0	drillstem	1.70000	0.004100	Siliceous, shaly dolomite	PI files
sld18-14-30cc	3,605.0	3,673.0	drillstem	6.70000	0.016000	Cherty dolomite	PI files
sld19-09-08bdb	5,148.0	5,176.0	lab	0.27000	0.000650	Dolomite	PI files
sld20-07-21db	7,315.0	7,421.0	drillstem	1.70000	0.004100	Shaly dolomite with shale layers	PI files
ub02-01-20cbd	6,211.0	6,235.0	drillstem	123.00000	0.300000	Limy, quartz sandstone	PI files
ub02-03-22dc	4,555.0	4,620.0	drillstem	33.00000	0.080000	Anhydritic dolomite with sandstone and shale	PI files
<u>317PSPR</u>							
sb17-116-31bc	5,270.0	5,310.0	drillstem	0.23000	0.000560	Limestone and dolomite	PI files
sb18-117-36dca	7,232.0	7,262.0	drillstem	13.00000	0.031000	Dolomite (includes some shale of Dinwoody fm)	Teller and Chafin (1986)
sb19-116-21dbd	6,776.0	6,812.0	drillstem	15.00000	0.036000	Limestone and shaly dolomite	PI files
sb19-119-04dba	11,800.0	11,860.0	drillstem	0.00490	0.000012	Limestone with shale layers	PI files
sb22-117-30cc	2,285.0	2,355.0	drillstem	5.50000	0.013000	Dolomite, chert, and phosphatic shale	Teller and Chafin (1986)
sb23-115-28dca	4,742.0	4,785.0	lab	0.09000	0.000220	Quartzitic sandstone and dolomite	PI files

Table 5.--In-situ permeability and hydraulic conductivity--Continued

Site	Depth to top (feet)	Depth to bottom (feet)	Test type	Permeability (millidarcies)	Hydraulic conductivity (feet per day)	Lithology	Source
<u>317RICO</u>							
sl430-21-21ddd	584.0	762.0	drillstem	0.00720	0.000020	Arkosic sandstone with siltstone	Woodward-Clyde (1982)
sl430-21-21ddd	960.0	1,018.0	drillstem	25.00000	0.069000	Sandstone, siltstone, and silty limestone	Woodward-Clyde (1982)
sl430-21-21ddd	1,180.0	1,238.0	drillstem	0.00078	0.000002	Limy sandstone with limestone and shale	Woodward-Clyde (1982)
<u>317TRWP</u>							
sl432-01-10bdd	5,905.0	5,919.0	lab	0.71000	0.001700	Fine- to medium-grained sandstone and dolomite	PI files
sl435-03-29aa	4,985.0	5,015.0	drillstem	1.00000	0.002500	Sandstone and dolomite	Teller and Chafin (1986)
sl436-03-15cb	5,297.0	5,320.0	drillstem	0.79000	0.001900	Sandstone, dolomite, and anhydrite	Teller and Chafin (1986)
sl439-07-34dc	3,134.0	3,173.0	drillstem	2.40000	0.006000	Dolomite and sandstone	Teller and Chafin (1986)
sl442-07-16ac	4,590.0	4,604.0	drillstem	1.90000	0.004600	Unknown	PI files
<u>317WTRM</u>							
slc36-04-10bdd	11,122.0	11,221.0	drillstem	0.60000	0.001500	Quartz sandstone with anhydrite and siltstone	Teller and Chafin (1986)
sl421-11-25ddd	0.2	1.8	lab:oc	60.00000	0.150000	Quartz sandstone	Hood and Patterson (1984)
sl421-13-17	0.0	0.4	lab:oc	137.00000	0.330000	Quartz sandstone	Jobin (1962)
sl421-18-23	7,520.0	7,700.0	geophys	0.13000	0.000320	Quartz sandstone	PI files
sl423-11-27bca	1.5	4.2	lab:oc	150.00000	0.360000	Quartz sandstone	Hood and Patterson (1984)
sl423-14-09	2,940.0	3,560.0	geophys	2.00000	0.004800	Quartz sandstone	PI files
sl424-13-11	2,450.0	3,080.0	geophys	3.00000	0.007300	Quartz sandstone	PI files
sl427-17-01	0.0	0.4	lab:oc	114.00000	0.280000	Sandstone	Jobin (1962)
sl427-17.5-01ddc	373.0	500.0	pumping		1.400000	Quartz sandstone	Sumsion and Bolke (1972)
sl427-18-09baa	420.0	585.0	pumping		0.420000	Quartz sandstone	Sumsion and Bolke (1972)
sl427-18-10aaa	461.0	585.0	pumping		0.180000	Quartz sandstone	Sumsion and Bolke (1972)
sl427-20-18	0.0	0.4	lab:oc	39.00000	0.095000	Sandstone	Jobin (1962)
sl429-10-08ccb	5,102.0	5,159.0	drillstem	380.00000	0.920000	Quartz sandstone	Teller and Chafin, (1986)
sl430-16-16dcd	1,474.0	1,593.0	lab	25.00000	0.060000	Clayey, fine- to medium-grained sandstone	PI files
sl433-14-30	0.0	0.4	lab:oc	59.00000	0.140000	Sandstone	Jobin (1962)
sl434-13-34	0.0	0.4	lab:oc	49.00000	0.120000	Sandstone	Jobin (1962)
sl435-05-32	2,500.0	2,610.0	geophys	4.30000	0.010000	Quartz sandstone	PI files
sl436-10-21bdb	2,972.0	3,042.0	lab	21.00000	0.052000	Fine- to coarse-grained sandstone	PI files
sl441-07-19bdd	3,180.0	3,225.0	drillstem	28.00000	0.068000	Quartz sandstone with scattered gypsum	PI files
<u>321HKTL</u>							
nmb32-17-01aca	7,880.0	7,889.0	lab	13.00000	0.033000	Vuggy limestone	PI files
nmb33.5-12-29dbd	7,657.0	7,713.0	lab	0.97000	0.002400	Limestone and sandstone	PI files
nmb37-20-24ddd	5,822.0	5,870.0	lab	0.81000	0.002000	Limestone and dolomite	PI files
nmb39-14-08dcc	5,130.0	5,503.0	lab	1.10000	0.002700	Limestone and sandstone	PI files

Table 5.--In-situ permeability and hydraulic conductivity--Continued

Site	Depth to top (feet)	Depth to bottom (feet)	Test type	Permeability (millidarcies)	Hydraulic conductivity (feet per day)	Lithology	Source
321HKTL--Continued							
nmb40-20-12cd	5,200.0	5,358.0	drillstem	0.00510	0.000012	Limestone, sandstone, and shale	PI files
nmb41-18-33ab	4,263.0	4,313.0	lab	0.09900	0.000240	Silty sandstone and finely crystalline limestone	PI files
nmb44-14-16bca	5,715.0	5,743.0	drillstem	1.60000	0.003900	Friable, silty sandstone	PI files
nmb44-14-16bca	6,600.0	6,655.0	drillstem	1.00000	0.002500	Limestone, siltstone, and shale	PI files
nmb45-18-26ccb	9,605.0	9,700.0	drillstem	0.79000	0.001900	Sandstone with shale layers	PI files
nmb46-19-30bb	8,317.0	8,446.0	drillstem	6.20000	0.015000	Limestone, sandstone, and siltstone	PI files
sld21-17-26adc	6,465.0	6,615.0	drillstem	13.00000	0.036000	Sandstone and shale with limestone layers	Woodward-Clyde (1982)
sld22-16-25bb	3,945.0	4,000.0	drillstem	0.15000	0.000049	Siltstone	Woodward-Clyde (1982)
sld22-16-25bb	4,175.0	4,232.0	drillstem	1.60000	0.004300	Quartzitic sandstone and dolomite	Woodward-Clyde (1982)
sld24-19-22dac	3,248.0	3,316.0	drillstem	1.50000	0.003700	Quartzitic sandstone	PI files
sld30-13-26db	4,023.0	4,040.0	drillstem	0.24000	0.000660	Limy sandstone	Woodward-Clyde (1982)
sld30-21-21ddd	1,594.0	1,652.0	drillstem	0.02100	0.000058	Oolitic limestone and limy shale	Woodward-Clyde (1982)
sld30-21-21ddd	1,800.0	1,868.0	drillstem	0.02400	0.000650	Sandstone, limestone, and siltstone	Woodward-Clyde (1982)
sld30-21-21ddd	2,400.0	2,458.0	drillstem	0.05500	0.000150	Silty limestone and limestone	Woodward-Clyde (1982)
sld30-23-17aac	3,992.0	4,080.0	drillstem	4.10000	0.011000	Sandstone, siltstone, and shale	Woodward-Clyde (1982)
sld30-23-17aac	4,190.0	4,240.0	drillstem	0.40000	0.001100	Shaly limestone	Woodward-Clyde (1982)
sld30-24-02	3,169.0	3,277.0	drillstem	5.40000	0.015000	Unknown	Woodward-Clyde (1982)
sld30-25-24ba	4,551.0	4,648.0	drillstem	21.00000	0.059000	Limestone, siltstone, and shale	Woodward-Clyde (1982)
sld36-21-22bd	5,555.0	5,594.0	drillstem	16.00000	0.039000	Limestone and shale	PI files
sld36-26-16cac	5,172.0	5,223.0	drillstem	2.50000	0.006100	Limestone, sandstone, and shale (with some 324PRDX)	PI files
sld36-26-17aad	5,022.0	5,071.0	drillstem	0.54000	0.001300	Limestone, siltstone, and shale	PI files
sld37-18-13ba	2,014.0	2,030.0	drillstem	0.30000	0.000820	Limestone, siltstone, and shale	Woodward-Clyde (1982)
sld37-23-25ba	5,845.0	5,930.0	drillstem	0.40000	0.001100	Limestone, siltstone, and shale	Woodward-Clyde (1982)
sld38-22-28ab	5,905.0	5,955.0	drillstem	23.00000	0.062000	Cherty limestone and shale	Woodward-Clyde (1982)
sld39-22-18ac	5,541.0	5,557.0	drillstem	17.00000	0.046000	Limestone and shale	Woodward-Clyde (1982)
sld40-21-14aaa	5,170.0	5,251.0	drillstem	17.00000	0.041000	Limestone, siltstone, and shale	PI files
sld40-25-26bbb	5,953.0	5,979.0	lab	21.00000	0.051000	Limestone	PI files
sld41-22-09cc	5,621.0	5,637.0	drillstem	7.40000	0.020000	Limestone with siltstone parting	Woodward-Clyde (1982)
sld41-24-22ccd	5,303.0	5,418.0	lab	2.80000	0.006800	Limestone and shale	PI files
sld41-26-18bb	5,689.0	5,701.0	drillstem	68.00000	0.170000	Shaly limestone	PI files
sld41-26-32dd	5,752.0	5,790.0	drillstem	0.69000	0.001700	Limestone and shale	PI files
sld43-22-16dc	4,325.0	4,350.0	drillstem	39.00000	0.094000	Limestone and shale	Teller and Chafin (1986)

Table 5.--In-situ permeability and hydraulic conductivity--Continued

Site	Depth to top (feet)	Depth to bottom (feet)	Test type	Permeability (millidarcies)	Hydraulic conductivity (feet per day)	Lithology	Source
32ITSLP							
sb13-112-15bbd	19,950.0	20,530.0	geophys	0.32000	0.000780	Quartz sandstone	PI files
sb14-103-114	10,040.0	10,120.0	geophys	0.63000	0.001500	Quartz sandstone	PI files
sb14-113-16	17,820.0	18,440.0	geophys	0.18000	0.000340	Quartz sandstone	PI files
sb14-88-34cb	7,025.0	7,030.0	geophys	0.13000	0.000320	Slightly glauconitic sandstone	Fox and others (1975)
sb14-91-13bab	11,048.0	11,086.0	lab	0.41000	0.000990	Quartzitic sandstone	PI files
sb15-104-10	7,240.0	7,350.0	geophys	0.93000	0.002300	Quartz sandstone	PI files
sb15-105-11dac	11,435.0	11,610.0	drillstem	3.50000	0.008400	Shaly, quartzitic sandstone	PI files
sb15-112-29ad	17,250.0	17,880.0	geophys	0.51000	0.001200	Quartz sandstone with dolomite	PI files
sb15-113-25	17,470.0	18,080.0	geophys	0.15000	0.000380	Quartz sandstone with dolomite	PI files
sb16-101-11ddc	14,282.0	14,485.0	lab	0.62000	0.001500	Fine- to medium-grained sandstone	PI files
sb16-101-22	14,160.0	14,670.0	geophys	0.29000	0.000710	Quartz sandstone	PI files
sb16-104-16ddb	5,700.0	5,756.0	drillstem	0.39000	0.000950	Quartzitic sandstone	PI files
sb16-90-31abd	10,082.0	10,191.0	drillstem	18.00000	0.043000	Friable and quartzitic sandstone	Teller and Chafin (1986)
sb16-91-08dd	10,865.0	10,913.0	drillstem	20.00000	0.048000	Quartzitic sandstone	PI files
sb16-92-12	11,220.0	11,710.0	geophys	0.29000	0.000710	Quartz sandstone	PI files
sb17-100-04ccc	13,683.0	13,740.0	lab	1.70000	0.004000	Friable, limy, and quartzitic sandstone	PI files
sb17-89-03dda	99,999.0	99,999.0	geophys	0.51000	0.001200	Quartz sandstone	Fox and others (1975)
sb18-90-11bab	10,265.0	10,330.0	drillstem	34.00000	0.083000	Limy, quartz sandstone	PI files
sb18-97-30	20,670.0	21,440.0	geophys	0.16000	0.000380	Quartz sandstone	PI files
sb18-98-02c	99,999.0	99,999.0	geophys	0.15000	0.000370	Quartz sandstone	PI files
sb18-98-10da	17,080.0	17,850.0	geophys	0.22000	0.000540	Quartz sandstone	PI files
sb18-98-28bca	17,626.0	17,893.0	lab	0.09900	0.000240	Friable and quartzitic sandstone	Teller and Chafin (1986)
sb19-104-11ac	6,632.0	6,705.0	drillstem	2.20000	0.005400	Quartzitic sandstone with dolomite	PI files
sb19-112-22cc	16,510.0	17,040.0	geophys	0.69000	0.001700	Quartz sandstone with dolomite and anhydrite	PI files
sb19-87-12acd	7,325.0	7,360.0	drillstem	0.25000	0.000610	Asphaltic, quartzitic sandstone	Teller and Chafin (1986)
sb19-90-26cca	10,490.0	11,010.0	geophys	0.12000	0.000300	Quartzitic sandstone	PI files
sb20-116-23b	5,758.0	5,990.0	drillstem	15.00000	0.036000	Quartzitic sandstone with dolomite layers	Teller and Chafin (1986)
sb20-116-27	99,999.0	99,999.0	geophys	0.37000	0.000900	Quartz sandstone with dolomite	Fox and others (1975)
sb20-87-30ddd	8,183.0	8,470.0	lab	0.16000	0.000390	Quartzitic and limy sandstone	PI files
sb24-87-01bcd	6,290.0	6,333.0	lab	0.07500	0.000180	Quartzitic and dolomitic sandstone	PI files
sb24-87-01bcd	6,383.0	6,454.0	drillstem	5.70000	0.014000	Fine-grained, dolomitic, quartz sandstone	Teller and Chafin (1986)
sb24-87-34bbd	5,817.0	5,855.0	drillstem	5.90000	0.014000	Fine-grained, dolomitic, quartz sandstone	PI files
sb24-88-29	3,580.0	3,800.0	geophys	0.25000	0.000610	Quartz sandstone	PI files
sb24-88-32ba	3,857.0	3,887.0	drillstem	22.00000	0.053000	Quartzitic sandstone with anhydrite layers	Teller and Chafin (1986)
sb25-86-34da	7,124.0	7,168.0	drillstem	0.32000	0.000780	Quartzitic sandstone	Teller and Chafin (1986)

Table 5.--In-situ permeability and hydraulic conductivity--Continued

Site	Depth to top (feet)	Depth to bottom (feet)	Test type	Permeability (millidarcies)	Hydraulic conductivity (feet per day)	Lithology	Source
321TSLP--Continued							
sb25-88-04	4,600.0	4,800.0	geophys	0.60000	0.001500	Quartz sandstone	PI files
sb25-88-31dcd	5,065.0	5,103.0	lab	0.04400	0.000110	Limy and quartzitic sandstone	PI files
sb25-89-14dc	5,260.0	5,311.0	drillstem	9.70000	0.024000	Anhydritic sandstone with dolomite layers	Teller and Chafin (1986)
sb26-87-30ddc	4,353.0	4,547.0	lab	0.14000	0.000340	Fine- to medium-grained sandstone	PI files
sb26-87-32bbb	4,432.0	4,566.0	lab	0.67000	0.001600	Friable to quartzitic sandstone	PI files
sb26-89-06ca	6,418.0	6,472.0	drillstem	0.13000	0.000320	Limy and quartzitic sandstone	PI files
sb26-89-17dba	7,317.0	7,352.0	lab	0.02400	0.00058	Limestone and sandstone	PI files
sb26-89-21	7,000.0	7,140.0	geophys	1.60000	0.003900	Quartz sandstone	PI files
sb26-90-01cda	6,338.0	6,631.0	lab	4.70000	0.012000	Fine-grained sandstone and dolomite	PI files
sb26-90-11	4,410.0	4,890.0	geophys	0.47000	0.001100	Quartz sandstone	PI files
sb27-90-34	99,999.0	99,999.0	geophys	0.31000	0.000760	Quartz sandstone	Fox and others (1975)
sb27-94-36ac	11,942.0	11,996.0	geophys	0.23000	0.000570	Quartzitic sandstone	Fox and others (1975)
sb27-95-18bdd	3,595.0	3,618.0	drillstem	55.00000	0.130000	Quartz sandstone	Teller and Chafin (1986)
sb28-113-19bb	12,929.0	12,997.0	drillstem	0.12000	0.000300	Quartzitic and dolomitic sandstone	Teller and Chafin (1986)
sb29-93-34	99,999.0	99,999.0	geophys	16.00000	0.039000	Quartz sandstone	Fox and others (1975)
sb40-110-30ddd	2,140.0	2,460.0	geophys	4.70000	0.011000	Quartz sandstone with dolomite	PI files
321WEBR							
sb01-101-06bdd	6,040.0	6,430.0	geophys	8.80000	0.021000	Quartz sandstone	PI files
sb01-91-31bacl	29.8	40.0	injection		38.000000	Very fractured sandstone	USBR files
sb01-91-31bacl	40.0	50.0	injection		6.100000	Very fractured sandstone	USBR files
sb01-91-31bacl	50.0	60.0	injection		6.700000	Very fractured sandstone	USBR files
sb01-91-31bacl	60.0	70.0	injection		3.600000	Very fractured sandstone	USBR files
sb01-91-31bacl	70.0	80.0	injection		3.300000	Very fractured sandstone	USBR files
sb01-91-31bacl	80.0	89.9	injection		2.800000	Very fractured sandstone	USBR files
sb01-91-31bac2	70.5	101.4	injection		4.800000	Moderately fractured sandstone	USBR files
sb01-91-31bac3	21.4	27.6	injection		61.000000	Moderately fractured sandstone	USBR files
sb01-91-31bac3	27.6	42.4	injection		11.000000	Moderately fractured sandstone	USBR files
sb01-91-31bac3	42.4	49.4	injection		41.000000	Moderately fractured sandstone	USBR files
sb01-91-31bac3	49.4	74.2	injection		3.000000	Moderately fractured sandstone	USBR files
sb01-91-31bac3	74.2	77.7	injection		2.300000	Sandstone and fault gouge	USBR files
sb01-93-06cb	5,440.0	5,490.0	drillstem	20.00000	0.049000	Quartz sandstone	PI files
sb02-101-31dab	6,160.0	6,439.0	lab	0.54000	0.001300	Silty sandstone	PI files
sb02-102-17ba	6,575.0	6,598.0	drillstem	0.35000	0.000850	Fine-grained, slightly limy quartz sandstone	PI files
sb02-102-17ba	6,686.0	6,709.0	drillstem	0.61000	0.001500	Fine-grained, slightly limy quartz sandstone	PI files
sb02-102-36bbb	5,930.0	6,377.0	lab	1.40000	0.003400	Sandstone	PI files
sb02-103-11ddc	6,569.0	6,611.0	lab	7.00000	0.017000	Sandstone	PI files
sb02-88-10ddb	2,052.0	2,118.0	lab	1.00000	0.002500	Clayey sandstone	PI files

Table 5.--In-situ permeability and hydraulic conductivity--Continued

Site	Depth to top (feet)	Depth to bottom (feet)	Test type	Permeability (millidarcies)	Hydraulic conductivity (feet per day)	Lithology	Source
321WEBR--Continued							
sb02-94-04cd	10,540.0	10,598.0	drillstem	0.80000	0.001900	Quartz sandstone (with some shale)	PI files
sb02-97-13	15,540.0	15,840.0	geophys	0.38000	0.000930	Quartz sandstone	PI files
sb02-98-10	6,100.0	6,490.0	geophys	1.20000	0.002800	Quartz sandstone	PI files
sb03-101-03acd	99,999.0	99,999.0	lab	0.06400	0.000150	Sandstone	Hood (1976)
sb03-104-12bba	9,303.0	9,449.0	lab	0.81000	0.002000	Fine-grained sandstone	PI files
sb03-91-08ddc	4,416.0	4,496.0	drillstem	0.76000	0.001900	Limy and quartzitic sandstone	Teller and Chafin (1986)
sb03-97-29dba	11,940.0	12,045.0	drillstem	0.01400	0.000034	Limy and quartzitic sandstone	PI files
sb03-97-30	11,400.0	11,650.0	geophys	0.30000	0.000730	Quartz sandstone	PI files
sb03-98-21cd	9,340.0	9,580.0	geophys	0.96000	0.002300	Quartz sandstone	PI files
sb04-103-32cc	1,140.0	1,180.0	drillstem	1.70000	0.004200	Quartzitic sandstone	Teller and Chafin (1986)
sb04-104-36ddd	1,370.0	1,380.0	lab	4.30000	0.011000	Sandstone	Hood (1976)
sb04-92-13adc	5,533.0	5,554.0	drillstem	39.00000	0.096000	Quartzitic sandstone with shale layers	Teller and Chafin (1986)
sb04-92-14dc	4,865.0	4,883.0	drillstem	160.00000	0.380000	Quartzitic sandstone with shale layers	Teller and Chafin (1986)
sb04-98-08b	7,979.0	8,033.0	drillstem	26.00000	0.062000	Quartz sandstone	Teller and Chafin (1986)
sb04-99-12aaa	8,808.0	8,886.0	lab	0.20000	0.000490	Medium-grained sandstone and limy sandstone	PI files
sb05-91-33dd	6,081.0	6,097.0	drillstem	30.00000	0.073000	Quartz sandstone	PI files
sb05-94-09dc	2,941.0	2,982.0	drillstem	7.70000	0.019000	Quartz sandstone	Teller and Chafin (1986)
sb05-95-02bab	2,199.0	2,274.0	lab	0.07600	0.000190	Fine-grained sandstone and siltstone	PI files
sb05-95-02bab	2,351.0	2,385.0	lab	0.25000	0.000600	Fine- to medium-grained sandstone	PI files
sb07-103-32adb	63.5	300.0	pumping		17.000000	Fractured sandstone	Sumsion (1976)
sb11-89-07ab	15,870.0	15,910.0	geophys	2.20000	0.005400	Quartz sandstone with shale	PI files
sb11-91-03ca	15,590.0	15,700.0	geophys	0.27000	0.000670	Quartz sandstone with siltstone	PI files
sb12-118-01	99,999.0	99,999.0	geophys	2.70000	0.006500	Quartz sandstone with dolomite	Fox and others (1975)
sb13-105-35adb	14,855.0	15,010.0	lab	0.12000	0.000300	Limy and quartzitic sandstone	PI files
sb13-88-08dc	8,010.0	8,089.0	drillstem	2.20000	0.005300	Gravelly quartzitic sandstone	Teller and Chafin (1986)
sb14-101-18bbd	12,771.0	12,800.0	drillstem	0.28000	0.000680	Quartzitic sandstone with anhydrite layers	PI files
sc05-92-03cba	1,486.0	1,679.0	lab	0.05900	0.000140	Sandstone	PI files
s1a03-24-22bda	9,040.0	9,356.0	lab	0.17000	0.000410	Fine- to medium-grained sandstone	PI files
s1a03-25-28bb	11,675.0	11,885.0	drillstem	0.14000	0.000300	Dolomitic and quartzitic sandstone	Teller and Chafin (1986)
s1d02-06-16cda	20.0	365.0	pumping		16.000000	Quartz sandstone (with 40 feet of alluvium)	Hood (1976)
s1d02-22-29dcd	167.0	630.0	pumping		3.000000	Quartz sandstone	Hood (1976)
s1d02-22-32bcb	91.0	1,573.0	pumping		0.094000	Quartz sandstone (with some 324MRGN)	Hood (1976)
s1d03-20-05ccbc	0.0	0.4	lab:oc	25.00000	0.060000	Sandstone	Hood (1976)
s1d04-20-04ddc	4,868.0	4,983.0	drillstem	1.50000	0.003500	Quartzitic sandstone	PI files
s1d04-21-36cd	7,798.0	7,841.0	drillstem	0.90000	0.002200	Limy, quartz sandstone (w/317PRKC shale and chert)	PI files

Table 5.--In-situ permeability and hydraulic conductivity--Continued

Site	Depth to top (feet)	Depth to bottom (feet)	Test type	Permeability (millidarcies)	Hydraulic conductivity (feet per day)	Lithology	Source
<u>321WEBR--Continued</u>							
sld04-23-36cda	7,808.0	7,817.0	lab	5.00000	0.012000	Fine- to medium-grained sandstone	PI files
sld05-22-06ca	7,035.0	7,085.0	drillstem	1.60000	0.003800	Quartzitic sandstone	PI files
sld05-22-21ac	5,350.0	5,460.0	geophys	1.40000	0.003400	Quartz sandstone	PI files
sld05-22-22add	4,195.0	4,293.0	lab	6.00000	0.015000	Sandstone and limy sandstone	PI files
sld05-22-23cba	4,047.0	4,169.0	drillstem	17.00000	0.042000	Quartzitic sandstone (with 317PRKC dolomite)	PI files
sld05-23-21aaa	3,334.0	3,345.0	lab	10.00000	0.025000	Fine- to coarse-grained, limy sandstone	PI files
sld06-24-05cdc	1,181.0	1,210.0	drillstem	27.00000	0.065000	Limy, quartz sandstone	PI files
sld12-22-22aa	13,900.0	14,290.0	geophys	0.14000	0.000340	Quartz sandstone with siltstone (and Moenkopi fm)	PI files
sld22-05-34dc	8,730.0	8,804.0	drillstem	7.30000	0.018000	Quartzitic sandstone with dolomite layers	Teller and Chafin (1986)
ua02-01-18abab	0.0	0.4	lab:oc	13.00000	0.031000	Cross-bedded sandstone	Hood (1976)
<u>321WLLS</u>							
sb13-118-19cc	99,999.0	99,999.0	geophys	0.37000	0.000900	Quartz sandstone with dolomite	Fox and others (1975)
sb15-117-15cb	3,995.0	4,085.0	drillstem	8.30000	0.020000	Quartzitic sandstone, dolomite, and anhydrite	Teller and Chafin (1986)
sb16-117-03ddd	5,035.0	5,557.0	drillstem	0.17000	0.000420	Quartzitic and anhydritic sandstone	PI files
sb18-117-36dc	99,999.0	99,999.0	geophys	0.07100	0.000170	Quartz sandstone with dolomite	Fox and others (1975)
sb28-115-15	99,999.0	99,999.0	geophys	0.05400	0.000130	Quartz sandstone with dolomite	Fox and others (1975)
sb29-114-08	13,570.0	13,960.0	geophys	0.46000	0.001100	Quartz sandstone with dolomite	PI files
<u>324AMSD</u>							
sb19-104-11ac	6,961.0	7,071.0	drillstem	0.54000	0.001300	Dolomitic quartz sandstone and dolomite	PI files
<u>324EGLV</u>							
sb01-93-08dd	6,081.0	6,131.0	drillstem	2.00000	0.004800	Sandstone with limestone and dolomite	PI files
<u>324MNRN</u>							
sb02-87-13ddc	8,021.0	8,126.0	drillstem	0.78000	0.001900	Quartzitic sandstone and shale	PI files
sb02-92-15cc	2,302.0	2,350.0	drillstem	15.00000	0.037000	Sandstone	PI files
sc01-83-20ca	387.0	407.0	pumping		10.000000	Medium- to coarse-grained sandstone	CDWR files
sc08-84-17bac2	37.0	60.0	injection		5.900000	Very fine-grained sandstone	USBR files
sc08-84-17bac2	60.0	104.0	injection		4.000000	Siltstone	USBR files
sc08-84-17bac2	104.0	137.0	injection		1.200000	Claystone	USBR files

Table 5.--In-situ permeability and hydraulic conductivity--Continued

Site	Depth to top (feet)	Depth to bottom (feet)	Test type	Permeability (millidarcies)	Hydraulic conductivity (feet per day)	Lithology	Source
<u>324MRGN</u>							
sb06-94-18acd	41.0	56.0	injection		0.940000	Limestone with shale	USBR files
sb06-94-18acd	66.0	81.0	injection		0.820000	Limestone with shale	USBR files
sb06-94-18acd	81.0	238.0	injection		0.000000	Limestone	USBR files
sb06-94-18acd	238.0	255.0	injection		0.160000	Shale and sandstone	USBR files
sb06-94-18acd	255.0	264.0	injection		0.260000	Sandstone	USBR files
sb06-94-18acd	264.0	278.0	injection		0.084000	Sandstone and shale	USBR files
sb06-94-18acd	278.0	287.5	injection		0.037000	Shale	USBR files
sb06-94-18acd	287.5	312.6	injection		0.000000	Fractured shale	USBR files
sb06-94-18dba	14.0	24.0	injection		1.200000	Shale with limestone nodules	USBR files
sb06-94-18dba	24.0	35.0	injection		0.260000	Shale with limestone nodules	USBR files
sb06-94-18dba	34.0	44.0	injection		1.100000	Unfractured limestone	USBR files
sb06-94-18dba	42.7	57.7	injection		0.150000	Limestone and shale	USBR files
sb06-94-18dba	57.0	69.0	injection		0.200000	Shale with limestone nodules	USBR files
sb06-94-18dba	95.0	106.0	injection		0.069000	Limestone	USBR files
sb06-94-18dba	167.0	177.0	injection		0.100000	Limestone	USBR files
sb13-99-18bb	17,079.0	17,745.0	drillstem	0.03200	0.000077	Unknown	Teller and Chafin (1986)
sld05-22-01cc	7,148.0	7,232.0	drillstem	0.07400	0.000180	Sandstone, siltstone, and shale	PI files
<u>324MRON</u>							
sb01-91-31bac1	89.9	100.0	injection		2.700000	Slightly to highly fractured sandstone	USBR files
sb01-91-31bac1	100.0	109.9	injection		2.600000	Slightly to highly fractured sandstone	USBR files
sb01-91-31bac1	109.9	129.9	injection		2.500000	Slightly to highly fractured sandstone	USBR files
sb01-91-31bac1	129.9	149.9	injection		2.400000	Slightly to highly fractured sandstone	USBR files
sb01-91-31bac1	149.9	169.9	injection		2.300000	Slightly to highly fractured sandstone	USBR files
sb01-91-31bac1	169.9	200.1	injection		2.200000	Fractured siltstone	USBR files
sb01-91-31bac1	200.1	220.1	injection		1.500000	Fractured siltstone	USBR files
sb01-91-31bac1	220.1	240.1	injection		1.400000	Very fractured sandstone	USBR files
sb01-91-31bac1	240.1	259.8	injection		0.970000	Very fractured sandstone	USBR files
sb01-91-31bac3	77.7	106.0	injection		2.900000	Fractured sandstone and shale	USBR files
sc01-91-18acb	109.6	138.7	injection		0.270000	Thin-bedded sandstone with siltstone	USBR files
sc01-91-18acb	138.7	157.8	injection		0.080000	Fine-grained sandstone and siltstone	USBR files
sc01-91-18acb	157.8	167.3	injection		0.850000	Mostly coarse-grained sandstone	USBR files
sc01-91-18acb	167.3	179.1	injection		0.070000	Thin-bedded, fine-grained sandstone with gouge	USBR files
sc01-91-18acb	179.1	211.9	injection		0.200000	Thin-bedded, fine-grained sandstone	USBR files
sc01-91-18acb	179.1	189.9	injection		0.332000	Thin-bedded, fine-grained sandstone	USBR files
sc01-91-18acb	189.9	211.9	injection		0.136000	Thin-bedded, fine-grained sandstone	USBR files
sc01-91-18bdd	7.9	27.6	injection		0.198000	Sandstone with siltstone	USBR files
sc01-91-18bdd	45.3	64.9	injection		0.602000	Sandstone with siltstone	USBR files
sc01-91-18bdd	74.8	91.8	injection		0.359000	Sandstone with siltstone	USBR files



Table 5.--In-situ permeability and hydraulic conductivity--Continued

Site	Depth to top (feet)	Depth to bottom (feet)	Test type	Permeability (millidarcies)	Hydraulic conductivity (feet per day)	Lithology	Source
324MRON--Continued							
sc01-91-18bdd	91.8	120.4	injection		0.027000	Fault gouge	USBR files
sc01-91-18bdd	120.4	137.1	injection		0.292000	Sandstone with siltstone	USBR files
sc01-91-18bdd	146.9	156.8	injection		0.153000	Sandstone with siltstone	USBR files
sc01-91-18bdd	186.0	204.0	injection		0.189000	Sandstone with siltstone	USBR files
sc01-91-18bdd	223.7	242.7	injection		0.472000	Sandstone with siltstone	USBR files
sc07-87-09ca	200.0	235.0	bailing		2.300000	Redbeds	CDWR files
sc07-88-10cc	80.0	115.0	pumping		3.900000	Redbeds	CDWR files
sc07-88-14bc	235.0	275.0	pumping		2.900000	Redbeds	CDWR files
sc07-89-01aa	150.0	180.0	pumping		0.250000	Redbeds	CDWR files
sc08-84-06cd	156.0	236.0	pumping		6.100000	Redbeds with limestone layers	CDWR files
sc08-84-07bdc	186.0	278.0	bailing		0.260000	Sandstone and shale	USBR files
sc08-84-18bab	35.0	165.5	injection		0.260000	Fine-grained sandstone	USBR files
sc08-84-18bab	165.5	172.5	injection		0.120000	Shale with fine-grained sandstone	USBR files
sc08-84-18bab	172.5	184.0	injection		0.087000	Sandstone and shale	USBR files
sc08-84-18bab	184.0	206.0	injection		0.980000	Fine- to coarse-grained sandstone	USBR files
sc08-84-18bab	206.0	300.0	injection		0.054000	Sandstone and shale	USBR files
sc08-84-18bad	31.0	364.5	injection		1.500000	Fine- to medium-grained sandstone with shale	USBR files
sc08-86-01cc	74.0	115.0	bailing		1.900000	Fractured arkosic sandstone with shale	CDWR files
sc08-86-04ca	220.0	255.0	bailing		4.300000	Redbeds	CDWR files
sc08-86-08aa	100.0	120.0	bailing		5.100000	Fractured arkosic sandstone	CDWR files
sc09-87-26db	215.0	255.0	pumping		0.500000	Redbeds	CDWR files
sc10-88-29cc	214.0	350.0	bailing		0.010000	Redbeds	CDWR files
324PKTL							
ga40-25-11dac	5,105.0	5,197.0	drillstem	0.09700	0.000240	Algal limestone with shale layers	PI files
ga40-25-11dac	5,195.0	5,300.0	drillstem	0.15000	0.000370	Limestone and shale	PI files
ga40-29-15caa	5,229.0	5,253.0	lab	2.00000	0.004800	Limestone	PI files
ga41-28-03cab	5,228.0	5,253.0	drillstem	133.00000	0.320000	Limestone with shale	PI files
ga41-29-29dd	5,216.0	5,231.0	drillstem	7.70000	0.019000	Cherty algal limestone	Teller and Chafin (1986)
rmb33.5-12-29dbd	9,400.0	9,425.0	lab	19.00000	0.046000	Limestone and dolomite	PI files
sld28-21-31bd	3,535.0	3,589.0	drillstem	1.70000	0.004600	Dolomite and shale (with 337RDL dolomite)	Woodward-Clyde (1982)
sld29-10-08ccb	7,390.0	7,470.0	drillstem	9.50000	0.023000	Dolomite, limestone, and shale	Teller and Chafin (1986)
sld35-26-20ad	7,483.0	7,584.0	drillstem	0.10000	0.000270	Dolomite and shale (with 337RDL dolomite)	Woodward-Clyde (1982)
sld42-20-09da	5,390.0	5,540.0	drillstem	1.10000	0.002700	Oolitic limestone and shale	PI files

Table 5.--In-situ permeability and hydraulic conductivity--Continued

Site	Depth to top (feet)	Depth to bottom (feet)	Test type	Permeability (millidarcies)	Hydraulic conductivity (feet per day)	Lithology	Source
324PKTL--Continued							
s1d42-21-02aa	5,730.0	5,782.0	drillstem	2.10000	0.005600	Anhydritic and oolitic limestone with shale	Woodward-Clyde (1982)
s1d42-21-03aa	5,736.0	5,818.0	drillstem	0.54000	0.001500	Anhydritic and oolitic limestone with shale	Woodward-Clyde (1982)
s1d43-23-30cb	5,460.0	5,474.0	drillstem	0.17000	0.000420	Limestone and shale	PI files
324PRDX							
ga36-30-30ada	3,068.0	3,078.0	lab	0.06600	0.000160	Fine-grained and shaly limestone	PI files
ga37-28-32abc	3,655.0	3,671.0	lab	19.00000	0.046000	Fine-grained, shaly and vuggy limestone	PI files
ga37-29-22bbb	3,559.0	3,571.0	lab	7.10000	0.017000	Fine-grained, shaly to dolomitic limestone	PI files
ga41-28-03cab	4,626.0	5,116.0	lab	9.50000	0.023000	Sucrose limestone and shaly to vuggy dolomite	PI files
ga41-28-11ca	4,876.0	5,040.0	drillstem	13.00000	0.032000	Limestone and dolomite with shale	PI files
ga41-28-11ca	5,050.0	5,127.0	drillstem	51.00000	0.120000	Oolitic and cherty limestone and dolomite	PI files
ga41-30-16cdc	5,000.0	5,051.0	drillstem	6.50000	0.016000	Limestone with calcite crystals	PI files
ga41-30-21cab	4,947.0	5,117.0	lab	3.50000	0.008500	Limestone	PI files
nmb32-17-01aca	7,978.0	8,019.0	lab	1.70000	0.004100	Limestone	PI files
nmb32-20-17ddd	5,397.0	6,035.0	lab	18.00000	0.044000	Limestone and dolomite	PI files
nmb33-14-36acd	9,423.0	9,460.0	drillstem	0.62000	0.001500	Unknown	PI files
nmb33-18-22ddd	6,466.0	6,488.0	lab	0.02200	0.000054	Dolomite and limestone	PI files
nmb33-20-04ddd	6,002.0	6,018.0	lab	29.00000	0.070000	Fine-grained to vuggy limestone	PI files
nmb33.5-20-16bca	5,717.0	6,113.0	lab	12.00000	0.029000	Limestone, dolomite, and shale	PI files
nmb33.5-20-16bca	5,843.0	5,863.0	drillstem	0.44000	0.001100	Limestone, siltstone, and shale	PI files
nmb33.5-20-25cb	5,800.0	5,850.0	drillstem	1.10000	0.002600	Limestone, siltstone, and shale	Teller and Chafin (1986)
nmb33.5-20-25cb	5,850.0	5,902.0	drillstem	4.00000	0.009600	Limestone, dolomite, shale, and anhydrite	Teller and Chafin (1986)
nmb34-20-03baa	5,562.0	5,640.0	lab	0.77000	0.001900	Shaly limestone, dolomite, and limy shale	PI files
nmb35-13-14cd	7,353.0	7,515.0	drillstem	1.20000	0.002900	Unknown	PI files
nmb35-20-34ddd	5,493.0	5,632.0	lab	32.00000	0.078000	Dolomite and limestone	PI files
nmb36-17-13dcd	5,558.0	5,633.0	lab	160.00000	0.380000	Dolomitic limestone and vuggy dolomite	PI files
nmb36-18-06ccc	5,395.0	5,708.0	lab	12.00000	0.030000	Limestone and dolomite	PI files
nmb37-20-11dbc	5,530.0	5,548.0	lab	32.00000	0.078000	Limestone	PI files
nmb37-20-24ddd	6,065.0	6,077.0	lab	66.00000	0.160000	Limestone	PI files
nmb39-16-16aca	5,617.0	5,647.0	lab	0.43000	0.001000	Limestone	PI files

Table 5.--In-situ permeability and hydraulic conductivity--Continued

Site	Depth to top (feet)	Depth to bottom (feet)	Test type	Permeability (millidarcies)	Hydraulic conductivity (feet per day)	Lithology	Source
324PRDX--Continued							
nmb39-19-06dd	6,261.0	6,292.0	drillstem	0.07800	0.000190	Unknown	PI files
nmb39-19-32cbd	6,201.0	6,242.0	lab	12.00000	0.029000	Shaly and limy dolomite	PI files
sld23-20-05bac1	436.0	486.0	pumping		0.680000	Gypsum, shale, and siltstone (in caprock)	Wollitz and others (1982)
sld23-20-05bac2	387.0	436.0	pumping		0.000500	Gypsum, shale, and limestone (in caprock)	Wollitz and others (1982)
sld23-20-05bada	908.0	958.0	slug		0.000330	Unspecified interbeds	Rush and others (1980)
sld23-20-05bada	977.0	1,026.0	slug		0.000130	Halite	Rush and others (1980)
sld23-20-05bada	1,049.0	1,275.0	slug		0.000033	Halite and unspecified interbeds	Rush and others (1980)
sld23-20-05bca1	476.0	525.0	pumping		0.033000	Gypsum, shale, and siltstone (in caprock)	Wollitz and others (1982)
sld23-20-05bca2	397.0	449.0	pumping		0.019000	Gypsum, shale, and siltstone (in caprock)	Wollitz and others (1982)
sld23-20-05bdb1	440.0	492.0	pumping		0.120000	Gypsum, shale, and siltstone (in caprock)	Wollitz and others (1982)
sld23-20-05bdb2	361.0	410.0	pumping		0.043000	Gypsum, shale, and sandstone (in caprock)	Wollitz and others (1982)
sld25-12-24bb	4,430.0	4,492.0	drillstem	1.20000	0.002900	Sandy limestone and sandstone	PI files
sld25-14-22cd	3,975.0	4,070.0	drillstem	0.67000	0.001600	Limestone and dolomite	Teller and Chafin (1986)
sld25-15-15ab	4,820.0	4,855.0	drillstem	0.21000	0.000500	Dolomite	Teller and Chafin (1986)
sld25-18-21bca	6,707.0	6,717.0	drillstem	0.37000	0.000910	Unknown	PI files
sld25-21-18cbc	7,611.0	7,652.0	drillstem	1.80000	0.004900	Shale, anhydrite, and halite	Woodward-Clyde (1982)
sld26-19-14ac	6,266.0	6,372.0	drillstem	1.00000	0.002700	Shale, anhydrite, and halite	Woodward-Clyde (1982)
sld27-13-36cd	5,176.0	5,355.0	drillstem	0.80000	0.002200	Anhydrite, siltstone, and shale	Woodward-Clyde (1982)
sld28-22-34aa	4,575.0	4,620.0	drillstem	1.20000	0.003300	Dolomite, siltstone, and shale	Woodward-Clyde (1982)
sld30-21-21ddd	2,550.0	2,608.0	drillstem	0.01700	0.000046	Cherty and silty limestone	Woodward-Clyde (1982)
sld30-21-21ddd	2,775.0	2,974.0	drillstem	0.15000	0.000420	Limestone, dolomite, anhydrite, and shale	Woodward-Clyde (1982)
sld30-21-21ddd	2,968.0	3,108.0	drillstem	0.24000	0.000650	Limestone, dolomite, anhydrite, and shale	Woodward-Clyde (1982)
sld30-21-21ddd	3,354.0	3,554.0	drillstem	1.50000	0.004100	Anhydrite, halite, shale, and siltstone	Woodward-Clyde (1982)
sld30-21-21ddd	3,660.0	3,800.0	drillstem	7.10000	0.019000	Anhydrite	Woodward-Clyde (1982)
sld30-21-21ddd	3,810.0	3,950.0	drillstem	1.90000	0.005100	Anhydrite, halite, and siltstone	Woodward-Clyde (1982)
sld30-21-21ddd	4,035.0	4,235.0	drillstem	1.10000	0.003000	Anhydrite, halite, and siltstone	Woodward-Clyde (1982)
sld30-21-21ddd	4,950.0	5,090.0	drillstem	0.41000	0.001100	Anhydrite, halite, and siltstone	Woodward-Clyde (1982)
sld30-21-21ddd	5,220.0	5,360.0	drillstem	4.80000	0.013000	Anhydrite, limestone, and siltstone	Woodward-Clyde (1982)
sld31-12-24da	5,570.0	5,670.0	drillstem	0.06000	0.000150	Unknown	PI files
sld35-22-33db	6,093.0	6,109.0	drillstem	1.30000	0.003600	Limestone and siltstone	Woodward-Clyde (1982)
sld35-25-15dd	5,730.0	5,786.0	drillstem	0.40000	0.001100	Anhydrite, halite, dolomite, and shale	Woodward-Clyde (1982)
sld35-25-15dd	5,786.0	5,807.0	drillstem	8.40000	0.023000	Halite	Woodward-Clyde (1982)
sld36-21-25bb	6,050.0	6,080.0	drillstem	4.70000	0.013000	Fossiliferous limestone	Woodward-Clyde (1982)
sld36-25-13adb	5,817.0	5,890.0	drillstem	7.60000	0.018000	Limestone, dolomite, siltstone, and shale	Teller and Chafin (1986)

Table 5.--In-situ permeability and hydraulic conductivity--Continued

Site	Depth to top (feet)	Depth to bottom (feet)	Test type	Permeability (millidarcies)	Hydraulic conductivity (feet per day)	Lithology	Source
324PRDX--Continued							
sid36-25-22dba	5,816.0	5,830.0	drillstem	0.00310	0.000008	Siltstone with dolomite	PI files
sid36-25-27bba	5,837.0	5,860.0	lab	220.00000	0.530000	Finely crystalline anhydritic dolomite	PI files
sid36-26-16cac	6,284.0	6,301.0	lab	63.00000	0.150000	Vuggy anhydritic dolomite	PI files
sid37-23-22ba	6,379.0	6,397.0	drillstem	3.30000	0.008900	Dolomite and anhydrite	Woodward-Clyde (1982)
sid37-23-25ba	6,095.0	6,149.0	drillstem	0.10000	0.000270	Limestone, dolomite, anhydrite, and shale	Woodward-Clyde (1982)
sid37-25-32cad	5,665.0	5,675.0	lab	0.85000	0.002100	Anhydritic and shaly dolomite	PI files
sid38-25-05daa	5,392.0	5,452.0	drillstem	0.33000	0.000800	Anhydrite, dolomite, and siltstone	PI files
sid38-25-09bab	5,513.0	5,529.0	drillstem	0.64000	0.001600	Dolomite and shale	PI files
sid38-25-10ccd	5,609.0	5,631.0	drillstem	1.50000	0.003600	Dolomite, siltstone, and shale	PI files
sid38-26-16baa	5,144.0	5,265.0	drillstem	15.00000	0.037000	Limestone, siltstone, and shale	PI files
sid38-26-22add	5,139.0	5,441.0	lab	20.00000	0.048000	Limestone and dolomite	PI files
sid39-19-25add	5,959.0	6,161.0	lab	0.85000	0.002100	Limestone	PI files
sid39-21-02dcc	6,331.0	6,373.0	lab	0.97000	0.002400	Limestone and dolomitic limestone	PI files
sid39-21-08dd	5,431.0	5,466.0	drillstem	0.29000	0.000710	Limestone and dolomite	PI files
sid39-21-11dd	5,732.0	5,790.0	drillstem	0.05000	0.000140	Unknown	Woodward-Clyde (1982)
sid39-21-14dd	5,630.0	5,680.0	drillstem	30.00000	0.082000	Unknown	Woodward-Clyde (1982)
sid39-22-20ca	5,695.0	5,726.0	drillstem	23.00000	0.062000	Limestone with shale partings	Woodward-Clyde (1982)
sid39-22-33bb	5,793.0	5,838.0	drillstem	54.00000	0.150000	Limestone and dolomite	Woodward-Clyde (1982)
sid39-22-33bb	5,857.0	5,877.0	drillstem	33.00000	0.092000	Shale and siltstone	Woodward-Clyde (1982)
sid39-23-06ad	6,051.0	6,115.0	drillstem	5.50000	0.015000	Limestone, dolomite, and shale	Woodward-Clyde (1982)
sid39-23-29ac	5,917.0	5,979.0	drillstem	4.30000	0.012000	Limestone and shale	Woodward-Clyde (1982)
sid39-24-31cc	6,056.0	6,089.0	drillstem	1.20000	0.003200	Limestone, dolomite, and shale	Woodward-Clyde (1982)
sid39-24-31cc	6,086.0	6,159.0	drillstem	7.30000	0.020000	Anhydrite, halite, shale, and limestone	Woodward-Clyde (1982)
sid40-21-08da	5,133.0	5,224.0	drillstem	0.29000	0.000790	Limestone, siltstone, and shale	Woodward-Clyde (1982)
sid40-21-12dd	5,488.0	5,584.0	drillstem	8.70000	0.024000	Limestone, siltstone, and shale	Woodward-Clyde (1982)
sid40-21-12dd	5,624.0	5,751.0	drillstem	0.16000	0.000430	Unknown	Woodward-Clyde (1982)
sid40-21-14aaa	5,370.0	5,414.0	lab	0.64000	0.001600	Limestone and dolomite	PI files
sid40-22-04dd	6,025.0	6,190.0	drillstem	0.12000	0.000330	Dolomite, shale, anhydrite, and halite	Woodward-Clyde (1982)
sid40-22-08ba	5,630.0	5,674.0	drillstem	5.30000	0.014000	Shaly dolomite	Woodward-Clyde (1982)
sid40-22-10bd	5,710.0	5,835.0	drillstem	1.40000	0.003900	Limestone, dolomite, and shale	Woodward-Clyde (1982)
sid40-22-13da	5,555.0	5,630.0	drillstem	0.20000	0.000560	Limestone and shale with dolomite	Woodward-Clyde (1982)
sid40-22-15bb	5,758.0	5,827.0	drillstem	1.40000	0.003900	Anhydrite, halite, siltstone, and shale	Woodward-Clyde (1982)
sid40-22-21cc	5,333.0	5,353.0	drillstem	350.00000	0.950000	Cherty limestone	Woodward-Clyde (1982)
sid40-22-21da	5,350.0	5,382.0	drillstem	190.00000	0.520000	Shaly limestone	Woodward-Clyde (1982)
sid40-22-35cc	5,374.0	5,411.0	drillstem	0.10000	0.000270	Limestone, chert, and shale	Woodward-Clyde (1982)

Table 5.--In-situ permeability and hydraulic conductivity--Continued

Site	Depth to top (feet)	Depth to bottom (feet)	Test type	Permeability (millidarcies)	Hydraulic conductivity (feet per day)	Lithology	Source
324PRDX--Continued							
sl440-23-01cd	6,130.0	6,180.0	drillstem	14.00000	0.039000	Dolomite and halite	Woodward-Clyde (1982)
sl440-23-01cd	6,210.0	6,265.0	drillstem	1.80000	0.004900	Halite	Woodward-Clyde (1982)
sl440-23-04bba	5,454.0	5,529.0	drillstem	5.10000	0.014000	Shaly limestone	Woodward-Clyde (1982)
sl440-23-13bdd	5,696.0	5,851.0	lab	8.40000	0.021000	Shaly, cherty and algal limestone with sandstone	PI files
sl440-23-14aa	5,627.0	5,700.0	drillstem	30.00000	0.082000	Shaly dolomite and shale	Woodward-Clyde (1982)
sl440-23-19cd	5,478.0	5,590.0	drillstem	0.91000	0.002200	Shaly limestone, shale, and anhydrite	PI files
sl440-23-20ad	5,465.0	5,545.0	drillstem	25.00000	0.069000	Shaly limestone and shale	Woodward-Clyde (1982)
sl440-23-20bd	5,540.0	5,666.0	drillstem	14.00000	0.039000	Anhydrite, shale, limestone, and dolomite	Woodward-Clyde (1982)
sl440-23-21cc	5,320.0	5,373.0	drillstem	550.00000	1.500000	Limestone, shale, and dolomite	Woodward-Clyde (1982)
sl440-23-21cc	5,353.0	5,380.0	drillstem	3.90000	0.010000	Dolomite and anhydrite	Woodward-Clyde (1982)
sl440-24-07bdc	6,165.0	6,240.0	drillstem	0.70000	0.001700	Limestone and dolomite	Teller and Chafin (1986)
sl440-24-22aba	5,771.0	5,919.0	lab	8.70000	0.021000	Finely crystalline and dolomitic limestone	PI files
sl440-25-11bad	5,955.0	6,036.0	drillstem	0.10000	0.000200	Limestone, dolomite, and shale	Teller and Chafin (1986)
sl440-25-14ccd	5,788.0	5,843.0	drillstem	7.20000	0.018000	Limestone and dolomite	Teller and Chafin (1986)
sl440-25-23cb	5,931.0	5,953.0	drillstem	28.00000	0.068000	Limestone, anhydrite, and shale	PI files
sl440-25-26bbb	6,098.0	6,110.0	lab	2.60000	0.006400	Limestone and dolomite	PI files
sl440-26-16bcb	5,995.0	6,037.0	drillstem	0.67000	0.001600	Halite	Teller and Chafin (1986)
sl440-26-27dc	5,641.0	5,701.0	drillstem	0.91000	0.002200	Anhydritic limestone with shale partings	PI files
sl440-26-32cc	5,497.0	5,510.0	drillstem	18.00000	0.044000	Shaly limestone	PI files
sl441-21-28dd	4,927.0	5,035.0	drillstem	2.50000	0.006900	Cherty limestone with shale partings	Woodward-Clyde (1982)
sl441-21-35dc	4,995.0	5,050.0	drillstem	98.00000	0.260000	Cherty and anhydritic limestone	Woodward-Clyde (1982)
sl441-21-35dc	5,527.0	5,665.0	drillstem	0.20000	0.000560	Anhydritic dolomite	Woodward-Clyde (1982)
sl441-22-01aa	5,558.0	5,657.0	drillstem	10.00000	0.028000	Cherty limestone and shale	Woodward-Clyde (1982)
sl441-22-09cc	5,621.0	5,689.0	drillstem	0.30000	0.000820	Cherty limestone and shale (with 321HKTLL limestone)	Woodward-Clyde (1982)
sl441-23-12aaa	5,478.0	5,655.0	lab	33.00000	0.080000	Algal, cherty, and shaly limestone with siltstone	PI files
sl441-23-12dd	5,557.0	5,606.0	drillstem	200.00000	0.560000	Dolomite, anhydrite, and shale	Woodward-Clyde (1982)
sl441-24-22ccd	5,443.0	5,572.0	lab	1.20000	0.002800	Limestone, dolomite, and anhydrite	PI files
sl441-24-34cdd	5,657.0	5,802.0	lab	12.00000	0.030000	Limestone and dolomite	PI files
sl441-25-14ccd	5,541.0	5,601.0	drillstem	1.20000	0.002800	Limestone, dolomite, and shale	Teller and Chafin (1986)
sl441-25-26cc	5,364.0	5,394.0	drillstem	14.00000	0.034000	Limestone, shale, and siltstone	Teller and Chafin (1986)
sl441-25-32bbd	5,316.0	5,499.0	lab	1.90000	0.004700	Limestone and anhydrite	PI files
sl441-25-35ac	5,521.0	5,546.0	drillstem	21.00000	0.051000	Shaly limestone	PI files
sl442-20-34ccb	4,832.0	4,855.0	drillstem	2.50000	0.006100	Cherty limestone	PI files
sl442-22-28bda	4,681.0	4,760.0	drillstem	2.30000	0.005500	Limestone with dolomite and siltstone	Teller and Chafin (1986)

Table 5.--In-situ permeability and hydraulic conductivity--Continued

Site	Depth to top (feet)	Depth to bottom (feet)	Test type	Permeability (millidarcies)	Hydraulic conductivity (feet per day)	Lithology	Source
<u>324PRDX--Continued</u>							
sld42-24-04add	5,494.0	5,631.0	lab	17.00000	0.041000	Crystalline and sucrose limestone	PI files
sld42-26-09ad	5,683.0	5,708.0	drillstem	3.30000	0.008000	Shaly limestone	Teller and Chafin (1986)
sld42-26-29dad	5,735.0	5,750.0	lab	36.00000	0.088000	Shaly limestone	PI files
sld43-22-06bb	4,930.0	4,972.0	drillstem	4.60000	0.011000	Limestone and dolomite	Teller and Chafin (1986)
sld43-23-20	5,290.0	5,447.0	drillstem	0.07400	0.000200	Limestone and dolomite with shale	Woodward-Clyde (1982)
sld43-23-25cd	4,820.0	4,913.0	drillstem	0.87000	0.002100	Cherty limestone and shale with sandstone	Teller and Chafin (1986)
sld43-23-33bb	4,742.0	4,760.0	drillstem	4.30000	0.011000	Limestone and dolomite	PI files
sld43-24-12dc	5,470.0	5,505.0	drillstem	4.90000	0.012000	Limestone and shale	Teller and Chafin (1986)
sld43-24-12dc	5,525.0	5,578.0	drillstem	0.30000	0.000730	Limestone and shale	Teller and Chafin (1986)
sld43-25-14	5,698.0	5,730.0	drillstem	0.23000	0.000560	Shaly dolomite and shale	Teller and Chafin (1986)
<u>324RDVLI</u>							
sb14-112-06bab	18,358.0	18,543.0	lab	11.00000	0.028000	Limestone and dolomite	PI files
<u>327BLDN</u>							
sb04-91-10bbb	9,480.0	9,550.0	drillstem	1.60000	0.003900	Limestone and shale	PI files
<u>327MNGC</u>							
sld14-10-31cdb	12,051.0	12,310.0	drillstem	0.01200	0.000029	Limestone, sandstone, and shale	PI files
<u>327MOLS</u>							
ga41-28-11ca	5,450.0	5,513.0	drillstem	8.00000	0.020000	Siltstone, shale, limestone, and sandstone	PI files
sld30-21-21ddd	5,806.0	5,806.0	lab	0.00530	0.000013	Limy sandstone	Woodward-Clyde (1982)
sld42-22-16	5,550.0	5,648.0	drillstem	0.40000	0.001000	Siltstone and shale with limestone	Teller and Chafin (1986)
<u>331HMBG</u>							
sb08-99-17	5,085.0	5,150.0	drillstem	292.00000	0.710000	Dolomite, sandstone, and shale	USGS files
sld05-23-18cca	6,076.0	6,089.0	lab	4.30000	0.011000	Fine-grained sandstone	PI files
ua02-01-07adb	0.0	0.4	lab:oc	0.04200	0.000100	Sandstone	Hood (1976)
<u>337LDVLI</u>							
ga38-30-12bd	4,000.0	4,049.0	drillstem	0.45000	0.001100	Unknown	Teller and Chafin (1986)
nmb33-5-12-32bb	9,820.0	9,921.0	drillstem	0.56000	0.001400	Limestone and dolomite	Teller and Chafin (1986)
nmb37-16-04ddc	7,890.0	7,920.0	drillstem	2.90000	0.007100	Cochina limestone	PI files
nmb37-16-04ddc	7,989.0	8,072.0	drillstem	1.00000	0.002500	Oolitic limestone and anhydritic dolomite	PI files
nmb37-17-24cca	7,700.0	7,938.0	lab	59.00000	0.140000	Finely crystalline limestone and dolomite	PI files

Table 5.--In-situ permeability and hydraulic conductivity--Continued

Site	Depth to top (feet)	Depth to bottom (feet)	Test type	Permeability (millidarcies)	Hydraulic conductivity (feet per day)	Lithology	Source
<u>337LDVL--Continued</u>							
nmb37-17-24cca	7,939.0	7,974.0	lab	5.60000	0.014000	Finely crystalline limestone and dolomite	PI files
nmb37-17-27bb	7,710.0	7,769.0	drillstem	2.80000	0.007500	Crinoid limestone and dolomite	Woodward-Clyde (1982)
nmb37-17-27bb	7,768.0	7,797.0	drillstem	0.48000	0.001300	Crinoid limestone and dolomite	Woodward-Clyde (1982)
nmb38-15-20ccb	7,408.0	7,608.0	lab	1.30000	0.003100	Limestone and dolomite	PI files
nmb40-17-13aa	9,140.0	9,207.0	drillstem	0.02700	0.000066	Dolomite	PI files
nmb40-18-13db	8,401.0	8,500.0	drillstem	0.02000	0.000056	Limestone and dolomite	Woodward-Clyde (1982)
nmb40-18-13db	8,499.0	8,634.0	drillstem	540.00000	1.500000	Anhydritic and crinoid dolomite	Woodward-Clyde (1982)
nmb44-19-16bcc	9,091.0	9,140.0	drillstem	1.50000	0.003700	Crinoid, cherty, and oolitic limestone	PI files
nmb44-19-16bcc	9,150.0	9,203.0	drillstem	1.70000	0.004100	Crinoid and cherty limestone	PI files
nmb45-19-26da	10,538.0	10,630.0	drillstem	11.00000	0.030000	Oolitic limestone and sucrose dolomite (w/3410URY)	Woodward-Clyde (1982)
nmb46-19-06dc	11,177.0	11,182.0	drillstem	1,800.00000	4.900000	Limestone and dolomite	Woodward-Clyde (1982)
nmb47-14-18ca	6,783.0	6,963.0	drillstem	1.40000	0.003600	Dolomite and crinoid dolomite	Woodward-Clyde (1982)
nmb47-18-08cc	14,780.0	15,000.0	drillstem	120.00000	0.310000	Limestone and dolomite	Woodward-Clyde (1982)
sc01-83-30ddb	912.0	992.0	flow		0.990000	Limestone and dolomite (with 3410URY)	CDMR files
sc05-103-25cc	8,553.0	8,600.0	drillstem	2.40000	0.005900	Limestone and dolomite	PI files
sc06-89-09bba	80.0	155.0	flow		170.000000	Faulted limestone and dolomite	Geldon (in press)
sc10-84-07ac	40.0	120.0	pumping		0.730000	Fractured limestone and dolomite	CDMR files
<u>337MDSN</u>							
sb08-99-16bcd	5,877.0	5,960.0	drillstem	202.00000	0.490000	Dolomite	USGS files
sb12-101-24cc	16,600.0	16,760.0	drillstem	0.24000	0.000570	Dolomite and cherty dolomite	PI files
sb15-112-29ac	18,552.0	18,741.0	drillstem	0.75000	0.001800	Shaly dolomite and limestone	PI files
sb16-101-11ba	15,013.0	15,035.0	drillstem	2.50000	0.006100	Limestone and dolomite	PI files
sb25-88-31ac	5,935.0	6,015.0	drillstem	41.00000	0.100000	Anhydritic and cherty dolomite	Teller and Chafin (1986)
sb26-89-06cac	6,785.0	6,825.0	drillstem	1.00000	0.002400	Limestone and dolomite	PI files
sb26-89-06cac	6,895.0	6,955.0	drillstem	12.00000	0.029000	Dolomite	PI files
sl04-20-04ddc	6,850.0	6,925.0	drillstem	4.00000	0.009700	Dolomite	PI files
ua02-01-07abc	5.0	15.0	injection		4.700000	Thin-bedded, fractured limestone	USBR files
ua02-01-07abc	15.0	35.0	injection		0.592000	Thin-bedded, fractured limestone	USBR files
ua02-01-07abc	45.0	65.0	injection		0.632000	Thin-bedded, fractured limestone	USBR files
ua02-01-07abc	65.0	75.0	injection		0.063000	Thin-bedded, fractured limestone	USBR files
ua02-01-07abc	75.0	95.0	injection		0.970000	Thin-bedded, fractured limestone	USBR files
ua02-01-07abc	95.0	105.0	injection		0.255000	Thin-bedded, fractured limestone	USBR files
ua02-01-07abc	105.0	215.0	injection		0.030000	Very thin-bedded limestone	USBR files
ua02-01-07acb	10.0	20.0	injection		0.200000	Moderately jointed limestone and chert	USBR files
ua02-01-07acb	60.0	70.0	injection		0.274000	Limestone with chert nodules	USBR files
ua02-01-07acb	70.0	80.0	injection		0.164000	Limestone with chert nodules	USBR files

Table 5.--In-situ permeability and hydraulic conductivity--Continued

Site	Depth to top (feet)	Depth to bottom (feet)	Test type	Permeability (millidarcies)	Hydraulic conductivity (feet per day)	Lithology	Source
337MDSN--Continued							
ua02-01-07acb	80.0	90.0	injection		0.060300	Limestone with chert nodules	USBR files
ua02-01-07acb	90.0	120.0	injection		0.021000	Limestone and limestone breccia	USBR files
ua02-01-07acb	120.0	130.0	injection		1.070000	Moderately fractured limestone	USBR files
ua02-01-07acb	130.0	160.0	injection		0.808000	Moderately fractured limestone	USBR files
ua02-01-07acb	163.0	173.0	injection		0.575000	Moderately fractured limestone	USBR files
ua02-01-07acb	173.0	183.0	injection		0.436000	Moderately fractured limestone	USBR files
ua02-01-07acb	183.0	203.0	injection		0.329000	Moderately fractured limestone	USBR files
ua02-01-07acb	203.0	293.0	injection		0.172000	Moderately fractured limestone	USBR files
ua02-01-07acb	293.0	380.0	injection		0.011000	Moderately fractured limestone	USBR files
337RDLL							
ga36-28-06bbb	3,640.0	3,820.0	drillstem	2.60000	0.006300	Coquina limestone	PI files
ga38-24-29dba	5,555.0	5,650.0	drillstem	1.20000	0.002900	Oolitic and cherty limestone	PI files
ga40-27-06bbb	5,925.0	5,945.0	drillstem	6.90000	0.017000	Algal limestone	PI files
ga40-28-11aaa	5,566.0	5,639.0	lab	3.00000	0.007300	Limestone and dolomitic limestone	PI files
ga40-29-15ca	5,665.0	5,739.0	drillstem	20.00000	0.050000	Cherty and oolitic dolomite with limestone	Teller and Chafin (1986)
ga40-29-16bdd	5,710.0	5,750.0	drillstem	9.70000	0.024000	Anhydritic, cherty dolomite	PI files
ga40-30-05ccc	6,059.0	6,120.0	drillstem	0.73000	0.001800	Dolomite and oolitic limestone	PI files
ga41-26-23bbb	5,730.0	5,800.0	drillstem	0.70000	0.001700	Cherty and anhydritic dolomite	PI files
ga41-28-04dab	5,516.0	5,629.0	lab	0.09500	0.000230	Crystalline limestone	PI files
ga41-28-04dab	5,702.0	5,720.0	lab	8.40000	0.021000	Vuggy dolomite	PI files
nmb32-20-17ddd	6,540.0	6,610.0	lab	5.10000	0.012000	Limestone and dolomite	PI files
nmb32-20-17ddd	6,610.0	6,664.0	lab	18.00000	0.045000	Dolomite	PI files
sid18-14-30cc	6,963.0	7,083.0	drillstem	3.20000	0.007800	Dolomite with anhydritic and cherty layers	PI files
sid19-13-12dd	6,518.0	6,608.0	drillstem	1.30000	0.003200	Shaly, cherty, and anhydritic dolomite with shale	PI files
sid22-13-24aa	6,645.0	6,755.0	drillstem	0.37000	0.000890	Dolomite with cherty layers	Teller and Chafin (1986)
sid22-14-27dba	6,255.0	6,371.0	drillstem	3.70000	0.009100	Unknown	PI files
sid22-15-26ca	8,382.0	8,490.0	drillstem	39.00000	0.095000	Cherty and crinoid dolomite	Teller and Chafin (1986)
sid23-15-21ba	7,500.0	7,702.0	drillstem	2.30000	0.005600	Crinoid dolomite	PI files
sid23-17-16ad	8,912.0	8,931.0	drillstem	36.00000	0.095000	Cherty dolomite	Woodward-Clyde (1982)
sid23-17-16bdd	8,889.0	8,910.0	drillstem	190.00000	0.520000	Cherty dolomite	Woodward-Clyde (1982)
sid23-17-16da	8,682.0	8,814.0	drillstem	32.00000	0.089000	Crinoid limestone and cherty dolomite	Woodward-Clyde (1982)
sid23-17-16da	8,814.0	8,858.0	drillstem	16.00000	0.043000	Cherty dolomite	Woodward-Clyde (1982)
sid23-17-16da	8,858.0	8,881.0	drillstem	180.00000	0.490000	Cherty dolomite	Woodward-Clyde (1982)
sid23-17-17ada	8,693.0	8,824.0	lab	14.00000	0.035000	Cherty and crinoid dolomite	PI files
sid23-17-21dda	8,465.0	8,525.0	drillstem	0.36000	0.000880	Algal limestone	PI files



Table 5.--In-situ permeability and hydraulic conductivity--Continued

Site	Depth to top (feet)	Depth to bottom (feet)	Test type	Permeability (millidarcies)	Hydraulic conductivity (feet per day)	Lithology	Source
337RDL--Continued							
sl424-14-10aa	6,120.0	6,353.0	drillstem	1.20000	0.002900	Limestone and dolomite	PI files
sl425-12-24bb	5,530.0	5,600.0	drillstem	24.00000	0.058000	Cherty dolomite	Teller and Chafin (1986)
sl425-13-12bac	3,832.0	3,960.0	lab	3.80000	0.009200	Finely crystalline dolomite	PI files
sl425-14-22cd	4,675.0	4,780.0	drillstem	1.50000	0.003900	Crinoid dolomite	Woodward-Clyde (1982)
sl425-15-32ca	5,521.0	5,601.0	drillstem	8.90000	0.024000	Dolomite	Woodward-Clyde (1982)
sl425-16-10ba	6,749.0	6,807.0	drillstem	0.90000	0.002500	Cherty limestone and dolomite	Woodward-Clyde (1982)
sl425-17-20da	6,361.0	6,386.0	drillstem	414.00000	1.000000	Crinoid dolomite	PI files
sl425-19-27db	7,602.0	7,630.0	drillstem	9.60000	0.023000	Limestone (with 327MOLS shale)	PI files
sl426-13-25cb	5,540.0	5,641.0	drillstem	16.00000	0.039000	Dolomite	PI files
sl426-17-05cc	6,269.0	6,350.0	drillstem	37.00000	0.100000	Cherty dolomite	Woodward-Clyde (1982)
sl426-17-05cc	6,350.0	6,410.0	drillstem	8.40000	0.023000	Cherty dolomite	Woodward-Clyde (1982)
sl426-17-05cc	6,410.0	6,466.0	drillstem	16.00000	0.043000	Cherty and anhydritic dolomite	Woodward-Clyde (1982)
sl426-18-07dad	6,978.0	7,086.0	drillstem	89.00000	0.240000	Crinoid dolomite	Woodward-Clyde (1982)
sl426-19-11ddc	7,814.0	7,849.0	drillstem	4.20000	0.011000	Unknown	Woodward-Clyde (1982)
sl426-19-11ddc	7,869.0	7,984.0	drillstem	3.50000	0.009500	Unknown	Woodward-Clyde (1982)
sl426-19-14dc	7,496.0	7,544.0	drillstem	0.40000	0.001100	Coquina limestone and dolomite	Woodward-Clyde (1982)
sl426-20-29ada	7,638.0	7,864.0	lab	29.00000	0.070000	Limestone and dolomitic limestone	PI files
sl426-20-29ada	7,680.0	7,701.0	drillstem	18.00000	0.049000	Algal limestone	Woodward-Clyde (1982)
sl426-22-01acc	10,690.0	10,851.0	drillstem	1.00000	0.002800	Cherty and crinoid dolomite	Woodward-Clyde (1982)
sl426-22-01acc	10,807.0	10,944.0	drillstem	12.00000	0.033000	Cherty, crinoid, and fine-grained limestone	Woodward-Clyde (1982)
sl427-13-36cd	6,712.0	6,820.0	drillstem	13.00000	0.031000	Fine-grained dolomite with crinoid layers	Teller and Chafin (1986)
sl427-15-35bc	5,006.0	5,171.0	drillstem	0.10000	0.000270	Oolitic limestone and fossiliferous dolomite	Woodward-Clyde (1982)
sl427-18-26ba	6,260.0	6,400.0	drillstem	1.20000	0.003300	Chalky limestone; fine-grained to sucrose dolomite	Woodward-Clyde (1982)
sl427-21-03cd	6,150.0	6,274.0	drillstem	12.00000	0.029000	Anhydritic and cherty dolomite	PI files
sl427-22-32aa	7,210.0	7,248.0	drillstem	10.00000	0.025000	Cherty dolomite	PI files
sl428-04-11bc	5,546.0	5,715.0	drillstem	9.30000	0.025000	Dolomite	Woodward-Clyde (1982)
sl428-04-11bc	5,555.0	5,715.0	drillstem	16.00000	0.046000	Dolomite	Woodward-Clyde (1982)
sl428-11-05cd	7,100.0	7,301.0	drillstem	1.70000	0.004100	Oolitic limestone and dolomite with cherty layers	PI files
sl428-14-14cc	6,798.0	6,974.0	drillstem	1.40000	0.003400	Oolitic limestone and crinoid dolomite	PI files
sl428-19-18dc	6,237.0	6,325.0	drillstem	1.50000	0.003900	Crinoid limestone and dolomite	Woodward-Clyde (1982)

Table 5.--In-situ permeability and hydraulic conductivity--Continued

Site	Depth to top (feet)	Depth to bottom (feet)	Test type	Permeability (millidarcies)	Hydraulic conductivity (feet per day)	Lithology	Source
337RDL--Continued							
sld28-19-18dc	6,338.0	6,467.0	drillstem	11.00000	0.029000	Crinoid dolomite with limestone	Woodward-Clyde (1982)
sld28-20-23dd	4,680.0	4,712.0	drillstem	16.00000	0.043000	Limestone and dolomite	Woodward-Clyde (1982)
sld28-20-23dd	5,450.0	5,613.0	drillstem	17.00000	0.046000	Mostly dolomite (with 3410URY limestone and shale)	Woodward-Clyde (1982)
sld28-21-31bd	3,589.0	3,714.0	drillstem	3.80000	0.012000	Crinoid dolomite	Woodward-Clyde (1982)
sld28-22-34aa	8,125.0	8,227.0	drillstem	9.70000	0.024000	Limestone and dolomite	PI files
sld28-23-02bc	10,355.0	10,427.0	drillstem	2.50000	0.006900	Cherty and crinoid dolomite	Woodward-Clyde (1982)
sld28-23-17cbd	8,246.0	8,385.0	drillstem	4.60000	0.012000	Dolomitic limestone & limestone (w/324PKTL shale)	Woodward-Clyde (1982)
sld28-23-17cbd	8,385.0	8,425.0	lab	1.50000	0.003600	Dolomitic limestone and cherty dolomite	PI files
sld28-25-28ca	12,475.0	12,572.0	drillstem	12.00000	0.032000	Crinoid limestone and dolomite	Woodward-Clyde (1982)
sld28-25-36	12,406.0	12,467.0	drillstem	2.30000	0.006200	Limestone and dolomite	Woodward-Clyde (1982)
sld29-10-08ccb	7,920.0	7,953.0	drillstem	270.00000	0.650000	Sandy dolomite	Teller and Chafin (1986)
sld29-15-20ad	6,685.0	6,846.0	drillstem	4.50000	0.012000	Limestone with cherty layers	Woodward-Clyde (1982)
sld29-16-08dc	6,634.0	6,675.0	drillstem	15.00000	0.039000	Cherty crinoid dolomite	Woodward-Clyde (1982)
sld29-20-15bbb	4,968.0	5,013.0	drillstem	8.30000	0.023000	Limy dolomite	Woodward-Clyde (1982)
sld29-21-15bdd	7,490.0	7,675.0	drillstem	1.60000	0.004000	Limestone with dolomite layers	Woodward-Clyde (1982)
sld29-21-15bdd	7,677.0	7,765.0	drillstem	0.62000	0.001700	Limestone	Woodward-Clyde (1982)
sld29-21-15bdd	7,775.0	7,868.0	drillstem	4.80000	0.013000	Cherty dolomite	Woodward-Clyde (1982)
sld29-23-25dca	9,020.0	9,120.0	drillstem	2.50000	0.006600	Cherty dolomite and limestone	Woodward-Clyde (1982)
sld29-24-28ac	9,876.0	9,951.0	drillstem	38.00000	0.093000	Crinoid limestone and fossiliferous dolomite	PI files
sld29-26-05dd	11,406.0	11,557.0	drillstem	0.96000	0.002600	Shaly limestone and dolomite	Woodward-Clyde (1982)
sld29.5-23-36dac	9,310.0	9,540.0	drillstem	22.00000	0.059000	Cherty and shaly limestone and dolomite	Woodward-Clyde (1982)
sld29.5-24-32aa	9,859.0	9,910.0	drillstem	9.40000	0.023000	Fossiliferous limestone and dolomite	PI files
sld30-12-24adc	6,088.0	6,110.0	drillstem	15.00000	0.036000	Dolomite	PI files
sld30-20-19dc	4,428.0	4,528.0	drillstem	3.40000	0.009200	Unknown	Woodward-Clyde (1982)
sld30-21-21ddd	5,917.0	6,093.0	drillstem	25.00000	0.069000	Fine-grained limestone with dolomite and chert	Woodward-Clyde (1982)
sld30-21-21ddd	6,093.0	6,225.0	drillstem	22.00000	0.059000	Fine-grained limestone with dolomite and chert	Woodward-Clyde (1982)
sld30-21-21ddd	6,194.0	6,384.0	drillstem	230.00000	0.470000	Dolomitic, cherty, and fine-grained limestone	Woodward-Clyde (1982)
sld30-24-02dc	9,958.0	10,082.0	drillstem	110.00000	0.310000	Cherty, crinoid dolomite	Woodward-Clyde (1982)
sld30-24-09ba	8,807.0	8,868.0	drillstem	3.00000	0.008200	Cherty, crinoid dolomite	Woodward-Clyde (1982)
sld30-24-09ba	8,870.0	8,956.0	drillstem	94.00000	0.260000	Fine-grained dolomite	Woodward-Clyde (1982)
sld30-24-12cd	8,609.0	8,712.0	drillstem	110.00000	0.310000	Cherty and fine-grained dolomite	Woodward-Clyde (1982)
sld30-25-18dca	9,009.0	9,100.0	drillstem	61.00000	0.170000	Crinoid dolomite	Woodward-Clyde (1982)
sld30-25-21bdc	9,313.0	9,356.0	drillstem	3.30000	0.008800	Crinoid dolomite	Woodward-Clyde (1982)
sld30-25-21bdc	9,356.0	9,448.0	drillstem	11.00000	0.029000	Crinoid and anhydritic dolomite	Woodward-Clyde (1982)
sld30-25-21bdc	9,446.0	9,518.0	drillstem	9.40000	0.026000	Oolitic and coarsely crystalline dolomite	Woodward-Clyde (1982)

Table 5.--In-situ permeability and hydraulic conductivity--Continued

Site	Depth to top (feet)	Depth to bottom (feet)	Test type	Permeability (millidarcies)	Hydraulic conductivity (feet per day)	Lithology	Source
337RDL--Continued							
sld30-25-24ba	10,161.0	10,244.0	drillstem	13.00000	0.036000	Crinoid dolomite	Woodward-Clyde (1982)
sld30-25-27ba	9,512.0	9,580.0	drillstem	12.00000	0.033000	Crinoid dolomite	Woodward-Clyde (1982)
sld30-26-22cb	10,722.0	10,854.0	drillstem	25.00000	0.061000	Cherty, oolitic limestone and algal dolomite	PI files
sld31-22-08	7,495.0	7,568.0	drillstem	0.20000	0.000560	Unknown	Woodward-Clyde (1982)
sld31-22-08	7,608.0	7,628.0	drillstem	0.50000	0.001400	Unknown	Woodward-Clyde (1982)
sld31-22-22cbb	7,458.0	7,542.0	drillstem	18.00000	0.049000	Crinoid limestone and dolomite	Woodward-Clyde (1982)
sld31-26-18ab	9,825.0	9,853.0	drillstem	0.47000	0.001300	Limestone and dolomite	Woodward-Clyde (1982)
sld31-26-18ab	9,958.0	10,088.0	drillstem	9.60000	0.026000	Limy dolomite	Woodward-Clyde (1982)
sld32-15-33ab	4,040.0	4,144.0	drillstem	0.80000	0.002200	Anhydritic crinoid dolomite	Woodward-Clyde (1982)
sld34-21-09bbc	6,377.0	6,520.0	lab	0.15000	0.000360	Limestone and anhydritic dolomite	PI files
sld35-20-18dc	4,248.0	4,346.0	drillstem	42.00000	0.110000	Very fossiliferous limestone	Woodward-Clyde (1982)
sld37-19-23cc	3,342.0	3,559.0	injection	27.00000	0.070000	Unknown	Thackston and others (1984)
sld37-24-20ab	8,210.0	8,259.0	drillstem	3.10000	0.008500	Limestone and dolomite	Woodward-Clyde (1982)
sld38-23-06dd	7,544.0	7,654.0	drillstem	0.50000	0.001400	Oolitic limestone and dolomite	Woodward-Clyde (1982)
sld39-22-29cb	7,571.0	7,614.0	drillstem	8.40000	0.023000	Dolomite with shale layers	Woodward-Clyde (1982)
sld40-21-33da	6,065.0	6,105.0	drillstem	0.30000	0.000820	Oolitic limestone (with 324PKTL limestone & shale)	Woodward-Clyde (1982)
sld40-23-04bba	6,914.0	6,940.0	drillstem	5.20000	0.014000	Dolomite	Woodward-Clyde (1982)
sld40-24-20ba	6,850.0	7,020.0	drillstem	0.43000	0.001000	Dolomite and limestone with shale (with 341OURY)	PI files
sld40-25-14ccd	7,280.0	7,449.0	drillstem	0.47000	0.001100	Limestone and dolomite	PI files
sld41-20-36bb	6,330.0	6,405.0	drillstem	0.59000	0.001400	Dolomite and cherty limestone	PI files
sld42-22-33ac	5,807.0	5,930.0	drillstem	0.47000	0.001100	Oolitic limestone and cherty dolomite	PI files
sld42-23-02bdc	5,856.0	5,990.0	drillstem	6.40000	0.016000	Cherty limestone and dolomite	Teller and Chafin (1986)
sld42-23-18cc	5,665.0	5,730.0	drillstem	9.80000	0.024000	Dolomitic limestone	Teller and Chafin (1986)
sld43-24-05ac	6,460.0	6,580.0	drillstem	0.51000	0.001200	Oolitic limestone and cherty dolomite	PI files
sld43-24-06bb	6,800.0	6,925.0	drillstem	5.90000	0.014000	Limestone and dolomite (with some 341OURY)	Teller and Chafin (1986)
sld43-25-33ba	6,680.0	6,800.0	drillstem	17.00000	0.041000	Oolitic limestone and cherty dolomite	Teller and Chafin (1986)
341ELBR							
ga36-28-06bbb	3,820.0	3,883.0	drillstem	0.33000	0.000800	Dolomite and shale (with 341OURY dolomite)	PI files
ga36-29-23da	5,232.0	5,280.0	lab	2.30000	0.005600	Shaly, fine- to coarse-grained sandstone	PI files
ga36-30-20ddb	3,636.0	3,698.0	lab	0.91000	0.002200	Fine-grained and shaly sandstone	PI files
ga37-28-20dd	5,590.0	5,690.0	drillstem	1.20000	0.002900	Dolomite, shale, and sandstone	PI files
ga37-29-35bb	3,415.0	3,483.0	drillstem	6.00000	0.015000	Glauconitic sandstone and dolomite	PI files

Table 5.--In-situ permeability and hydraulic conductivity--Continued

Site	Depth to top (feet)	Depth to bottom (feet)	Test type	Permeability (millidarcies)	Hydraulic conductivity (feet per day)	Lithology	Source
341ELBR--Continued							
ga40-24-08ca	6,322.0	6,349.0	drillstem	8.40000	0.020000	Glauconitic sandstone and shaly dolomite	PI files
ga40-25-11dac	5,901.0	6,010.0	drillstem	0.05300	0.000130	Dolomite, sandstone, and shale	PI files
ga40-28-18bb	6,735.0	6,900.0	drillstem	0.97000	0.002400	Dolomite, sandstone, and shale	PI files
ga41-25-20aa	6,500.0	6,535.0	drillstem	1.30000	0.003200	Sandstone, siltstone, and shale	PI files
ga41-28-03bd	5,945.0	6,032.0	drillstem	1.50000	0.003600	Dolomite and shale	Teller and Chafin (1986)
ga41-28-04dab	5,974.0	5,988.0	lab	1.60000	0.003800	Fine-grained sandstone	PI files
nb06-07-32aa	2,441.0	2,516.0	drillstem	11.00000	0.027000	Dolomite and shale with sandstone	PI files
nmb44-19-16bcc	9,268.0	9,395.0	lab	1.60000	0.003800	Finely crystalline to shaly dolomite	PI files
nmb44-19-16bcc	9,396.0	9,477.0	lab	0.13000	0.000320	Sandstone, quartzite, dolomite, and shale	PI files
nmb45-19-26da	10,805.0	10,885.0	drillstem	8.50000	0.023000	Quartzitic sandstone, dolomite, and shale	Woodward-Clyde (1982)
nmb47-18-30dca	14,114.0	14,200.0	drillstem	0.98000	0.002400	Shaly dolomite	PI files
sl425-13-14bb	4,670.0	4,741.0	drillstem	5.80000	0.016000	Sandy dolomite and sandstone	Woodward-Clyde (1982)
sl425-14-22cd	5,340.0	5,481.0	drillstem	92.00000	0.250000	Shaly dolomite, shale, and quartzitic sandstone	Woodward-Clyde (1982)
sl425-19-26aad	8,153.0	8,289.0	drillstem	0.02100	0.000051	Dolomite, shale, and sandstone	PI files
sl426-20-09bd	7,920.0	7,946.0	drillstem	73.00000	0.200000	Quartzitic sandstone	Woodward-Clyde (1982)
sl426-20-29ada	8,295.0	8,304.0	lab	0.69000	0.001700	Sandstone	PI files
sl427-15-32ad	6,510.0	6,613.0	drillstem	1.40000	0.003300	Sandstone and sandy dolomite	PI files
sl428-21-31bd	4,150.0	4,193.0	drillstem	95.00000	0.260000	Dolomite and shale with sandstone	Woodward-Clyde (1982)
sl428-21-31bd	4,245.0	4,331.0	drillstem	49.00000	0.130000	Glauconitic dolomite and dolomitic sandstone	Woodward-Clyde (1982)
sl429-21-15bdd	8,214.0	8,420.0	drillstem	1.20000	0.003300	Sandy shale, quartzitic sandstone, and dolomite	Woodward-Clyde (1982)
sl429-23-25dca	9,412.0	9,571.0	drillstem	0.06000	0.000160	Quartzitic sandstone, dolomite, and shale	Woodward-Clyde (1982)
sl430-24-10da	8,261.0	8,382.0	drillstem	12.00000	0.033000	Dolomitic sandstone and sandy dolomite	Woodward-Clyde (1982)
sl430-24-12cd	9,038.0	9,162.0	drillstem	0.20000	0.000560	Anhydritic dolomite and quartzitic sandstone	Woodward-Clyde (1982)
sl430-24-30db	8,789.0	8,957.0	drillstem	16.00000	0.043000	Sandstone and shaly dolomite (with 374MUAV)	Woodward-Clyde (1982)
sl438-20-22bb	3,927.0	3,975.0	drillstem	2.70000	0.007200	Dolomite, sandstone, and shale	Woodward-Clyde (1982)
341OURY							
ga40-18-13db	8,806.0	8,901.0	drillstem	0.11000	0.000270	Shaly dolomite and shale	PI files
ga41-28-03bd	5,669.0	5,693.0	drillstem	18.00000	0.045000	Limestone and dolomite with shale	Teller and Chafin (1986)
ga41-30-10cb	6,256.0	6,317.0	drillstem	0.73000	0.001800	Shaly dolomite and oolitic limestone	PI files
nmb38-14-09bb	8,195.0	8,297.0	drillstem	0.06900	0.000170	Shaly limestone and dolomite	PI files
nmb40-18-13db	8,806.0	8,901.0	drillstem	17.00000	0.046000	Dolomite with shale (and some 341ELBR)	Woodward-Clyde (1982)
nmb44-14-13ab	9,961.0	10,056.0	drillstem	19.00000	0.052000	Dolomite with shale (and some 341ELBR)	Woodward-Clyde (1982)
nmb44-19-16bcc	9,203.0	9,264.0	lab	0.04200	0.000100	Shaly limestone	PI files

Table 5.--In-situ permeability and hydraulic conductivity--Continued

Site	Depth to top (feet)	Depth to bottom (feet)	Test type	Permeability (millidarcies)	Hydraulic conductivity (feet per day)	Lithology	Source
sbs29-114-08	15,700.0	16,000.0	geophys	0.68000	0.001700	Dolomite	PI files
<u>361BGRN</u>							
nmb40-17-13aa	9,400.0	9,512.0	drillstem	0.00300	0.000007	Quartzite and dolomite (with some 341ELBR)	PI files
<u>371IGNC</u>							
sc05-103-25cc	9,165.0	9,210.0	drillstem	0.41000	0.001000	Dolomitic quartz sandstone	PI files
<u>371LODR</u>							
sld30-24-10da	9,070.0	9,310.0	drillstem	0.18000	0.000440	Sandstone, siltstone, and shale	PI files
<u>374BGAG</u>							
sbs25-86-34da	7,945.0	8,026.0	drillstem	0.24000	0.000580	Suarztitic sandstone with shale partings	PI files
sbs26-89-06cdd	7,785.0	7,817.0	drillstem	0.47000	0.001100	Quartzitic sandstone with shale partings	PI files
sbs26-90-10daa	5,904.0	5,934.0	drillstem	6.50000	0.016000	Gravelly quartzitic sandstone	Teller and Chafin (1986)
<u>374FLTD</u>							
ga36-28-06bbb	4,150.0	4,210.0	drillstem	5.20000	0.013000	Algal dolomite (with 341ELBR sandstone and shale)	PI files
ga36-30-20ddb	3,727.0	3,814.0	lab	23.00000	0.056000	Shaly dolomite	PI files
ga37-29-35bbc	3,580.0	3,620.0	lab	3.00000	0.007300	Fine-grained sandstone and shaly, vuggy dolomite	PI files
ga40-24-08ca	6,526.0	6,575.0	drillstem	6.40000	0.016000	Shaly and anhydritic dolomite	PI files
ga40-25-11dac	6,286.0	6,362.0	drillstem	5.40000	0.013000	Shaly and phosphatic dolomite	PI files
ga40-26-30bb	6,265.0	6,350.0	drillstem	0.48000	0.001200	Dolomite with sandstone layers	PI files
ga41-28-04dab	6,322.0	6,338.0	lab	0.02900	0.000071	Dolomite	PI files
ga41-30-16ccd	6,578.0	6,645.0	drillstem	0.43000	0.001000	Shaly and fossiliferous dolomite	PI files
ga41-30-30dcb	6,698.0	6,750.0	drillstem	2.00000	0.004800	Shaly dolomite	PI files
sld29-20-04cbd	4,905.0	5,076.0	drillstem	0.28000	0.000750	Oolitic dolomite (w/341ELBR sandstone and dolomite)	Woodward-Clyde (1982)
<u>374MUAV</u>							
sld40-12-27bb	5,653.0	5,800.0	drillstem	2.90000	0.007900	Dolomite, sandstone, and siltstone (with 341ELBR)	Woodward-Clyde (1982)
sld42-23-18cc	6,436.0	6,636.0	drillstem	16.00000	0.038000	Shaly dolomite	Teller and Chafin (1986)

Table 5.--In-situ permeability and hydraulic conductivity--Continued

Site	Depth to top (feet)	Depth to bottom (feet)	Test type	Permeability (millidarcies)	Hydraulic conductivity (feet per day)	Lithology	Source
sld40-12-27bb	6,648.0	6,711.0	drillstem	42.00000	0.110000	Quartzitic sandstone (with 374BGAG shale)	Woodward-Clyde (1982)
				374TPTS			
				420UNMN			
sld01-20-12dca	90.0	160.0	pumping		3.000000	Quartzite	Hood (1976)
ub02-07-21cb	65.0	75.0	injection		0.400000	Quartzite	USBR files
ua02-01-07abc	215.0	225.0	injection		0.025000	Sandstone and siltstone	USBR files
ua02-01-07abc	225.0	254.5	injection		0.001800	Very fractured siltstone and fissile shale	USBR files
ub02-07-21cb	45.0	56.0	injection		0.070000	Fractured shale	USBR files