County of Barrhead No. 11

Parts of the Pembina and Athabasca River Basins
Parts of Tp 056 to 063, R 01 to 08, W5M
Groundwater Potential Evaluation

Prepared for

In conjunction with

Agriculture and Agri-Food Canada
Prairie Farm Rehabilitation Administration

Agriculture et Agroalimentaire Canada
Administration du rétablisseme agricole des Prairies

Canada

Prepared by
hydrogeological consultants ltd.
1-800-661-7972
Our File No.: **97-103**

September 1998
(Revised December 1999)

PERMIT TO PRACTICE
HYDROGEOLOGICAL CONSULTANTS LTD.
Signature _____
Date _____
PERMIT NUMBER: P 385
The Association of Professional Engineers, Geologists and Geophysicists of Alberta

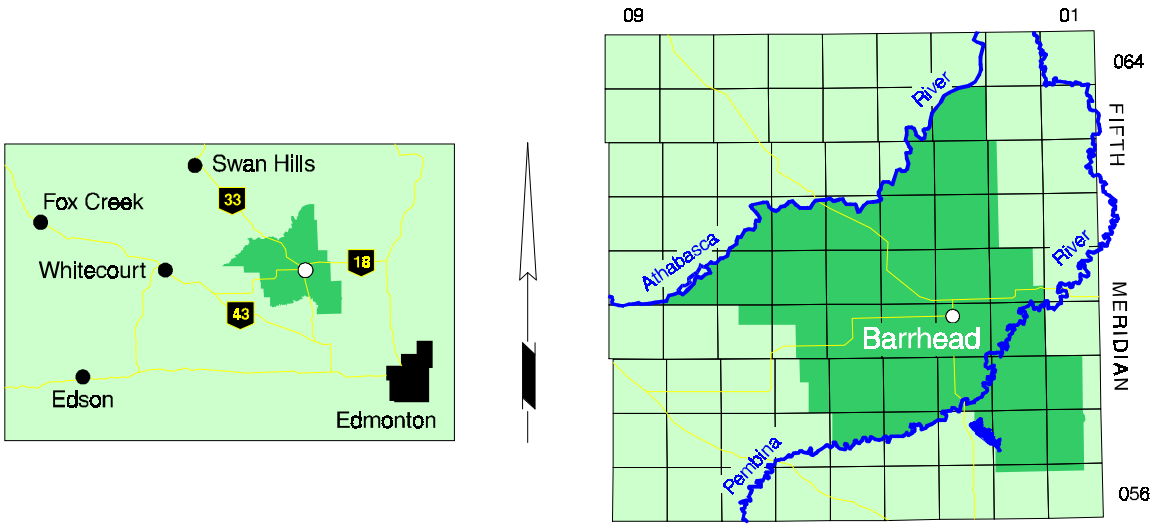
TABLE OF CONTENTS

I. INTRODUCTION 3
A. Purpose 3
B. Scope 3
II. GENERAL HYDROGEOLOGY 4
III. PRESENT PROGRAM 5
A. Maps 5
B. GWRIS 6
C. Published and Unpublished Reports 6
D. Software 6
IV. RESULTS 7
A. Topographic Surface 7
B. GWRIS Data 7
i) Overburden 8
ii) Bedrock Topography 9
iii) Non-Pumping Water Level (NPWL) 10
iv) Saturated Thickness of Surficial Deposits 11
v) Recharge and Discharge Areas 11
vi) Apparent Transmissivity 12
vii) Apparent Safe Yield 13
viii) Chemical Quality 14
ix) Cross-Sections 18
C. Surficial Geology 20
D. Unpublished Reports 20
E. Precipitation Data 21
F. AEP Observation Water Wells 22
V. INTERPRETATION 23
A. Bedrock Aquifers 23
B. Aquifers in the Unconsolidated Sediments 25
C. Groundwater Protection 25
VI. CONCLUSIONS 26
VII. RECOMMENDATIONS 28
VIII. REFERENCES 29
APPENDIX A
APPENDIX B
APPENDIX C

I. INTRODUCTION

A. Purpose

The County of Barrhead covers an area of 2,470 square kilometres. The northwest boundary of the County is the Athabasca River and part of the southern boundary is the Pembina River. The remaining boundaries are straight, for the most part following township or section lines. The population of the County is 5,600 with 74% in the Town of Barrhead.



Index Map

The purpose of this study is to collect, synthesize and interpret the available hydrogeological data. The results will be stored digitally in a format that can be easily updated in the future. This process will result in a regional analysis of the hydrogeology and a means by which the County of Barrhead can quickly and easily determine the suitability of areas for activities which may be affected by or may affect the quantity or quality of available groundwater. This report will also provide recommendations for future work which would enhance the understanding of the hydrogeology of the County of Barrhead.

B. Scope

There are numerous sources of data that have been used in the present program. The main data source is the Alberta Environmental Protection (AEP) groundwater database, which in part contains information related to many water wells in the Province of Alberta. The main published works include two regional hydrogeological reports and two bedrock topography reports, all prepared by Alberta Research Council. Several unpublished reports by AEP and various consultants have also provided hydrogeological data.

The only new data include approximate Universal Transverse Mercator (UTM) coordinates for control points and then assigning ground elevations for the control points; the elevation data have been obtained electronically from Defense Mapping.

II. GENERAL HYDROGEOLOGY

The uppermost bedrock in the County of Barrhead is the Wapiti Formation[1]. The Wapiti Formation is described by Green[2] as "grey, feldspathic, clayey sandstone; grey bentonitic mudstone and bentonite; scattered coal beds; non-marine." In the western part of the County, the Wapiti Formation is more than 500 metres thick. Because of the regional dip, the Wapiti Formation is less than 300 metres thick in the northeastern part of the County.

The Alberta Research Council bedrock topography maps[3,4] show two main linear bedrock lows passing through the County of Barrhead. One is the High Prairie Valley which is present in the northern part of the County and is overlain in part by the present-day Athabasca River Valley. The second is the Dapp Valley which occupies the same general area as the present-day Pembina River.

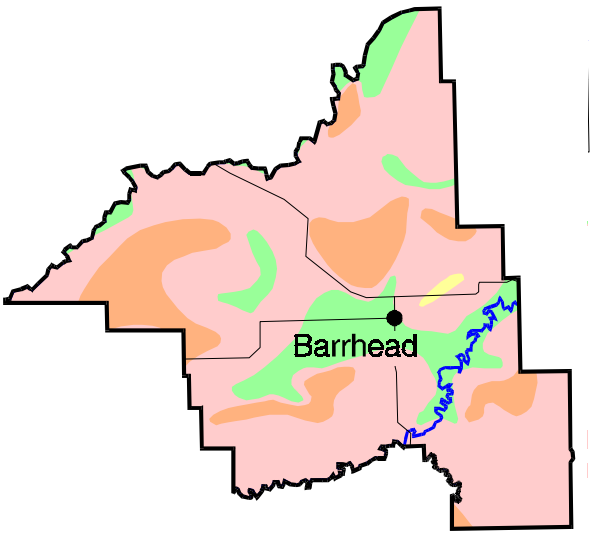
The surficial deposits can be more than 50 metres thick[5] and are mostly draped or stagnation morainal deposits[6] with some lacustrine deposits present throughout the area. Aeolian deposits occur along the Athabasca River and organic deposits, bogs and marshes are scattered throughout the area. The Athabasca, Pembina and Paddle Rivers all have associated fluvial deposits. The greatest thickness of the surficial deposits are found in association with linear depressions within the bedrock surface[7].

The side maps associated with bedrock topography maps show the thickness of surficial sediments ranging from zero, where the bedrock outcrops northeast of Barrhead, to greater than 50 metres along some of the linear bedrock lows. The bedrock topography map provides control points where gravel and/or sand deposits, at least 3 metres thick, are resting on the bedrock surface. However, these deposits are not grouped so as to suggest the presence of extensive gravel aquifers.

---

1 Mossop, Grant and Irina Shetsen, editors, 1994. Geological Atlas of the Western Canada Sedimentary Basin. Produced jointly by the Canadian Society of Petroleum Geology, Alberta Research Council, Alberta Energy, and the Geological Survey of Canada.
2 Green, R. 1971. Geological Map of Alberta. Alberta Research Council Map.
3 Carlson, V. A. 1970. Bedrock Topography of the Wabamun Lake Area, NTS 83-G, Alberta. Alberta Research Council Map.
4 Carlson, V. A. 1972. Bedrock Topography of the Whitecourt Area, NTS 83-J, Alberta. Alberta Research Council Map.
5 Carlson, V. A. 1972. Ibid.
6 Shetsen, I. 1990. Quaternary Geology, Central Alberta. Alberta Research Council Map. Natural Resources Division. Terrain Sciences Department.
7 Carlson, V. A. 1972. Ibid.

The regional hydrogeology maps[8,9] show that the probable long-term yields of water wells in the majority of the County of Barrhead are expected to be in the order of 30 to 150 cubic metres per day (m^3/day). In approximately 15 percent of the area, the water well yields are expected to be between 5 and 30 m^3/day. There are seven separate areas where the 5 to 30 m^3/day yield water wells are expected. The lower yield areas are not concentrated in any given region but are distributed throughout the County. There is one small area northeast of Barrhead where the projected long-term yields for water wells are expected to be less than 5 m^3/day. Areas where water well yields are expected to be in the order of 150 to 650 m^3/day are mostly along the Paddle, Pembina, and Athabasca Rivers.



Hydrogeology
[after Tokarsky, 1976a and Ozoray, 1972]

The geological side map associated with the hydrogeology map shows that the regional dip on the top of the Lea Park Formation is 4 metres/kilometre to the southwest. The hydrochemistry side maps indicate that both shallow and moderately deep groundwaters are mostly sodium-bicarbonate type waters with some calcium-bicarbonate and sodium-sulfate type waters also present. Total dissolved solids (TDS) in the upper bedrock groundwaters range from less than 1000 milligrams per litre (mg/L) to greater than 2000 mg/L; the higher TDS concentrations are mainly the sodium-sulfate type waters.

The meteorology side maps indicate that the average yearly rainfall varies from less 450 mm in the southeast part of the County to more than 500 mm in the northwest.

III. PRESENT PROGRAM

A. Maps

The County of Barrhead is included in the Energy, Mines and Resources (EMR) National Topographic Series (NTS) 1:250,000 Map sheets 83G and 83J. Additional details are available from the 1:50,000 NTS Map sheets 83G 15 and 16, and 83J 1, 2, 3, 7 and 8.

The digital elevation control for the present program has been obtained from the Defense Mapping Agency 3 arc second Digital Terrain Elevation Dataset.

---

[8] Ozoray, G. F. 1972. Hydrogeology of the Wabamun Lake Area, Research Council of Alberta Report 72-8.
[9] Tokarsky, O. 1976a. Hydrogeology of the Whitecourt Area, Alberta. Alberta Research Council Report 76-3.

Most of the maps in the main body of this report have a complementary, large format map in Appendix C. These maps contain extra data and should be referenced when more detail is required than can be provided by the text map.

B. GWRIS

The AEP Groundwater Resources Information Services (GWRIS) data are available digitally for the County of Barrhead, and the surrounding area. These records include data that directly relate to water wells plus data that are directly or indirectly related to groundwater.

Within the County of Barrhead, there are 3991 records; these data have been included in a Microsoft Access database designated as “Inside”. For the present study, an additional 1937 records have been included for the area immediately adjacent to the County of Barrhead. These data are included in a database designated as “Outside”. In broad terms, AEP breaks down the records into 25 categories. A summary of the number of records in each category and in each database is given in the adjacent table.

Type of Work	Within County	Outside County	Total
Cathodic Protection	0	1	1
Chemistry	1200	565	1765
Coal Test Hole	26	12	38
Core Hole	1	0	1
Deepened	18	11	29
Drill Stem Test Hole	6	2	8
Dry Hole	54	30	84
Dry Hole-Abandoned	20	6	26
Federal Well Survey	2	0	2
Flowing Shot Hole	295	94	389
New Well	1820	1053	2873
New Well-Abandoned	34	8	42
Oil Exploratory	4	1	5
Old Well-abandoned	1	0	1
Old Well-test	8	0	8
Other	1	0	1
Piezometer	1	10	11
Reconditioned	14	5	19
Reconstructed	1	1	2
Spring	10	8	18
Structure Test Hole	18	0	18
Test Hole	30	23	53
Test Hole-Abandoned	18	10	28
Unknown	106	7	113
Well Inventory	303	90	393
Total	3991	1937	5928

All records within the database have been reviewed to correct obvious keying errors and errors in the record locations. Also, UTM coordinates have been added to each record based on the centre of the area given in the AEP location. Based on these UTM coordinates, a ground elevation has been provided for each record, not containing an elevation, from the digital elevation surface. Where lithologic information is provided in the record, a pick for the bedrock surface has been made when the record includes a hole that has been drilled below the bedrock surface.

For the present program, data point references include those from within the County of Barrhead unless otherwise stated.

C. Published and Unpublished Reports

Data have been obtained from published and unpublished maps and reports; the pertinent documents are included in the reference section of this report.

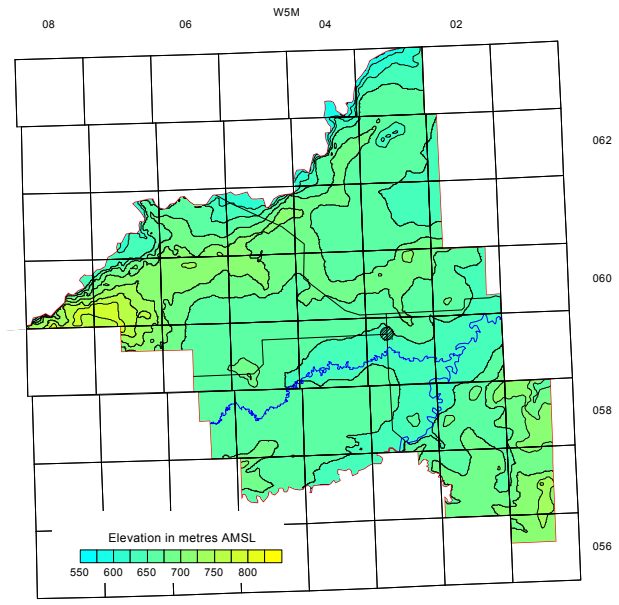
D. Software

The programs used as part of this project include the following: AutoCAD R12; CorelDraw 6, Surfer for Windows, Grapher for Windows, Microsoft Access, Microsoft Excel, and Microsoft Word.

IV. RESULTS

A. Topographic Surface

The topographic surface was created from the data in the digital grid provided by the Provincial Government. These data are provided in a generic 100-metre grid and were converted to a 100-metre grid that is compatible with SURFER, the gridding software used for this project. The gridding density of the topographic data was reduced to a 500-metre grid to prepare the topographic map with a 25-metre contour interval.



Surface Topography

The digital topographic data were used mainly to assign elevation control to data points with UTM coordinates. Typically, a contour map such as the 1:50,000 topographic series from EMR is accurate to plus or minus one half the contour interval, which is 15 metres for the Barrhead area. The accuracy of the digital grid was determined by comparing the elevations for 860 hydrocarbon wells obtained using the digital topographic grid with the elevations obtained by surveying. A summary of the results is as follows:

Error (m)	Hydrocarbon wells	
	No.	%
0 - 2	160	19
2 - 5	232	27
5 - 10	291	34
>10	177	21

The comparison between the two data sets shows that 79% of the elevations determined using the digital topographic grid are within 10 metres of the surveyed elevation; 46% are within 5 metres.

B. GWRIS Data

The AEP Groundwater Resources Information Services (GWRIS) data to July 1995 were used for the present report. Some data are available for all parts of the County except for two areas. The first is the north half of township 063, range 03, west of the fifth Meridian, which according to the County map is crown land. The second area is 4 to 8 kilometres south of the Athabasca River from township 061, range 05 southwest to township 060, range 08, west of the fifth Meridian.

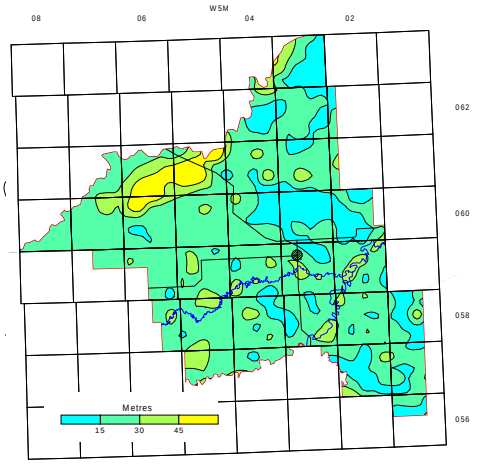
Of the 3991 records available from the AEP database, 2163 are for water wells, of which 1739 have lithologic data along with other details for the water well. The AEP database includes ten types of water well completions. In general terms, the completions can be reduced to three broad categories as follows:

Casing/liner either perforated or slotted	1107	64%
Open hole	571	33%
Screen and/or Gravel Pack	49	3%
Miscellaneous	12	1%

The water well records with lithologic data can be used to determine whether water wells are completed in aquifers in the bedrock or the surficial deposits. For the present breakdown, if the completed depth of a water well is within two metres of the bedrock surface, the water well is considered to have been completed in surficial deposits. This criterion has been used and a separate field in the data base has been assigned “B” for bedrock water wells and “S” for water wells completed in the surficial deposits. Where there are insufficient or conflicting data the field is left blank; there are 38 of the 1739 water wells where the completion is unknown. A list of the water wells in each category is given in Appendix A.

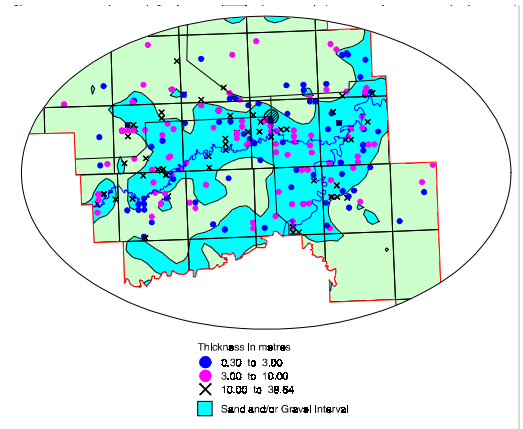
i) Overburden

The overburden thickness map shows that over approximately 60% of the County, the overburden is expected to be less than 30 metres thick. The largest thickness of unconsolidated materials is in Township 061, R 05 and 06, where the overburden thickness generally exceeds 45 metres; in this area, there are three reported occurrences where the overburden is between 80 and 90 metres thick.



Overburden Thickness

Within the overburden materials, deposits of sand and/or gravel, if saturated, can be developed for groundwater supplies. In the County, significant deposits of sand and/or gravel have been identified in association with the Barrhead and Dapp Valleys. However, the sand and/or gravel deposits do not appear to be a single extensive deposit. The area outlined on the map includes a significant number of reported occurrences of sand and/or gravel deposits, but there are also numerous water wells that have been drilled that do not report any significant thickness of sand and/or gravel layers.



Sand and/or Gravel Associated with the Barrhead and Dapp Valleys

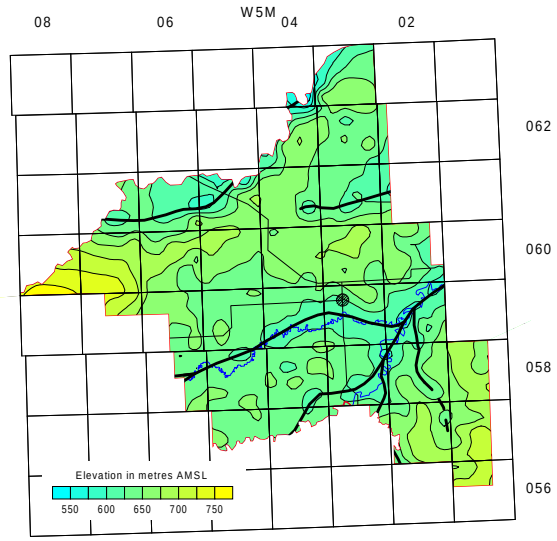
A second sand and/or gravel deposit has been identified in association with the bedrock low designated as the High Prairie Valley. There are very few control points for the Valley and mapping of the sand and/or gravel deposits cannot be done based on the four control points located in Tp 061, R 05 and 06, west of the fifth Meridian. A summary of the data from these four water wells is as follows:

Location	Bedrock			Lowest Surficial Unit		Casing
W5M	hc No.	Depth	Elevation	Lithology	Depth (m)	Depth (m)
NE 17-061-05	3678	70.10	598.90	cemented gravel	56.69-67.97	70.71
SE 18-061-05	3680	84.73	593.42	cemented gravel	79.55-84.73	85.34
NE 26-061-05	3699	89.30	577.90	gravel	84.73-89.3	93.26
NE 12-061-06	3709	85.34	587.32	sand & silt	27.43-85.34	85.34

The sand and/or gravel deposits associated with the High Prairie Valley have been developed to provide groundwater supplies for the Hamlet of Fort Assiniboine and for at least two industrial developments upstream from the County of Barrhead.

ii) Bedrock Topography

Over 1900 control points have been used to prepare the bedrock topography map. The 1914 points include 42 from the Alberta Research Council's bedrock topography maps. The bedrock picks from the water well drillers' reports are difficult in many instances because there is an interchange between the terminology used for unconsolidated sediment and bedrock sediments. The difficulty in making the picks is evident from the cross-sections that are discussed later. A total of 1872 values for the elevation of the bedrock surface were obtained from the groundwater database.



Bedrock Topography

The grid that has been used to prepare the bedrock topography map was prepared using the Kriging method. The grid used a node spacing of 2000 metres and a linear nomogram. Because of the lack of horizontal control, several water wells occupy the same UTM coordinates. When more than one value for the bedrock surface is given at a particular location, the gridding procedure averages the values for bedrock surface. This approach tended to remove some inconsistencies resulting from uncertainties in the data.

Bedrock elevations range from a high of more than 750 metres above mean sea level (AMSL) in the western part of the map area to a low of less than 550 metres AMSL in the most northerly part of the County. The bedrock topography map shows three named and three unnamed linear depressions in the bedrock surface. The northernmost is the High Prairie Valley, which coincides with the present-day Athabasca River Valley through townships 062 and 063, ranges 03 and 04, W5M. In townships 061, ranges 05, 06 and 07, the linear bedrock low is up to eight kilometres south of the present-day Athabasca River Valley. The elevation of the bedrock surface along the High Prairie Valley is mainly less than 625 metres AMSL.

In the southern part of the County, two linear bedrock lows converge in Tp 059, R 02, W5M. The Dapp Valley has several control points that indicate the elevation of the bedrock surface within the Valley is below an elevation of 600 metres AMSL. However, when all of the bedrock surface control points are used to prepare the bedrock topography map, the bedrock surface is only below 600 m AMSL in Tp 059, R 02, W5M.

The bedrock low that is joining the Dapp Valley in Tp 059, R 02, W5M from the north has been designated as the Barrhead Valley. Several control points along the trend of this bedrock low are below 600 metres AMSL. However, the 600-metre AMSL contour line is not present within the area where the Barrhead Valley is present.

In Tp 061, R 02 to 04, a linear bedrock low, which appears to be a tributary to the Dapp Valley, joins the Dapp Valley east of the County of Barrhead. Because of the absence of consistent reports of a topographically low bedrock surface, there is some uncertainty as to the significance of this bedrock low and to its positioning. The problem appears to be the identification of sandstone below the bedrock as “sand”.

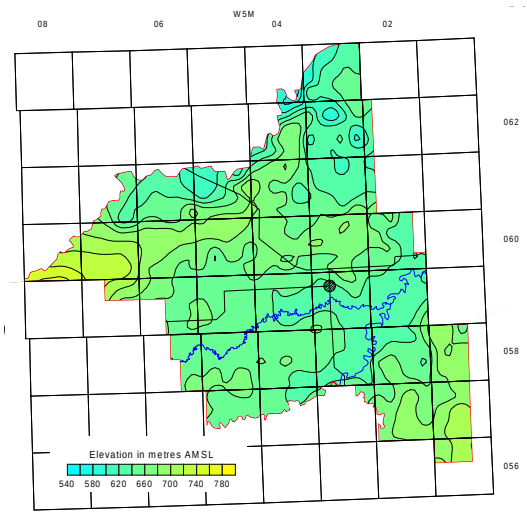
There are no control points for the bedrock surface in Tp 060, R 08 and the west half of R 07, and there are only a few control points in Tp 061, R 06 and 07, W5M.

iii) Non-Pumping Water Level (NPWL)

The non-pumping water level is given on most water well drillers’ reports. This water level has been converted to an elevation by subtracting the non-pumping water level from the elevation obtained from the digital elevation surface. Even though the digital elevation is portrayed as ground level, the difference between ground level and top of casing is less than the absolute accuracy of all the data.

a) Bedrock Aquifers

Non-pumping water-level elevations in bedrock aquifers range from 538 to 741 metres AMSL. There are 639 locations where there is more than one water well at a particular location with a NPWL given. In many instances, the water wells can be completed at different depths and have different water levels. To prepare the non-pumping water-level surface, the average of all values at any given location was used. The water-level surface throughout more than 90% of the area is between 600 and 700 metres AMSL. The water level is generally at the lowest elevation in topographically low areas, with one exception. In Tp 062, R 03, W5M the water-level surface is below 600 m AMSL, despite the ground elevation being more than 100 metres above the Athabasca River. The water-level surface is at its highest level at the western edge of the County.



Non-Pumping Water Level in Bedrock Aquifers

b) Surficial Aquifers

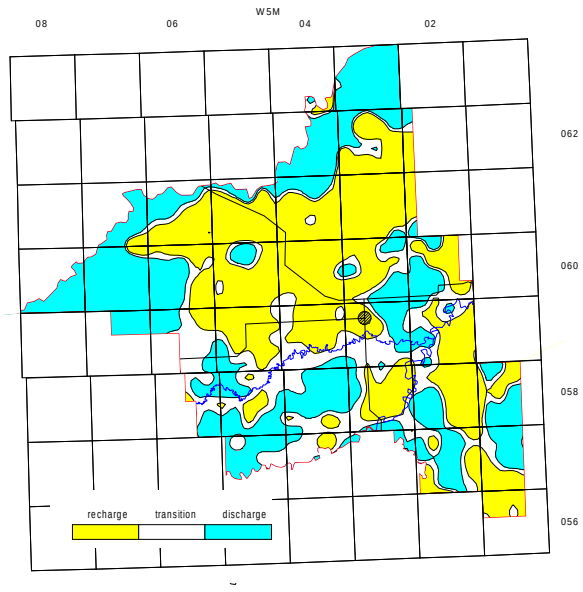
Within the County, there are 113 control points for the NPWL in the unconsolidated sediments, with most townships having less than 5 control points. This number of control points for the entire County is too few to prepare a meaningful regional NPWL map for the unconsolidated sediments. A digital water-level surface has been prepared for reference purposes. To prepare the NPWL surface, seeded points were added to the 113 data points in the control set. The seeded values were added along the Athabasca, Pembina and Paddle Rivers; the seeded points coincide with the elevation of the surface water.

iv) Saturated Thickness of Surficial Deposits

The saturated thickness of the surficial deposits is the difference between the NPWL surface prepared for unconsolidated sediments and the elevation of the bedrock surface. The saturated thickness is greatest in association with the High Prairie Valley and the linear bedrock low along the Paddle River. Even though the map has been prepared for the entire County, a paucity of data leaves many parts of the study area with no true indication of the saturated thickness.

v) Recharge and Discharge Areas

Recharge areas by definition are areas where the hydraulic gradient is away from the land surface; the discharge areas are where the hydraulic gradient is toward the land surface. In the County of Barrhead, the unconsolidated sediments are considered to be one aquifer and the bedrock is a second. Even though there can be variation in the water levels for water wells of differing depths at the same location, it is not possible to identify regional aquifers within the bedrock.



Recharge - Discharge Areas

Based on the two aquifers being the unconsolidated sediments and the bedrock, areas of recharge and discharge have been determined from the hydraulic head in the two different sediments. In areas where there is neither recharge nor discharge, the hydraulic gradient is parallel to the land surface and the area is considered to be one of transition; the transition areas are the ones where the difference between the hydraulic head in the unconsolidated sediments is within 3 metres of the hydraulic head of the bedrock aquifers.

On a regional basis, the areas of recharge, discharge and transitional flow are determined by comparing the non-pumping water-level surfaces prepared for each of the two types of sediments. Because there are so few data control points for the water-level surface associated with the unconsolidated sediments, the results of the analysis are not as accurate as they might otherwise be.

Also, the elevation control on which the water-level surfaces are based can have errors that exceed the 6 metres leeway in the different areas. In spite of the limitations, the recharge/discharge/transition flow map does indicate a large recharge area between the Athabasca and Paddle Rivers, and some smaller recharge areas in the southeast part of the County. Discharge areas occur along the Athabasca River Valley. In the southern part of the County near the Paddle and Pembina River Valleys, the discharge areas do not appear to be associated with the present-day rivers. This shift in discharge areas may be a reflection of the limited control for the non-pumping water-level surface associated with the unconsolidated sediments.

vi) Apparent Transmissivity

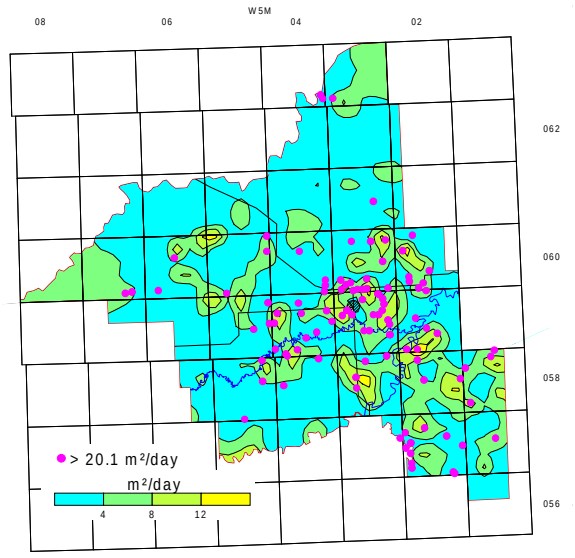
a) Bedrock

Sufficient data exist in the groundwater database for the calculation of apparent transmissivity (Ta) values for 1052 water wells that are completed in bedrock aquifers. The apparent transmissivity is calculated by the iterative solution of two equations. To calculate the apparent transmissivity, a value is required for discharge rate, discharge time, casing diameter and drawdown at the end of the discharge interval. The equations used in the solution are:

$$u = \frac{r^2 S}{4tT}$$

$$T = \frac{Q\left(-0.5772 - \ln u + u - \frac{u^2}{4} + \frac{u^3}{18}\right)}{4\pi\Delta h}$$

u - well function
r - radius of casing (mm)
S - Storativity
T - Transmissivity (m²/day)
Q - pumping rate (m³/day)
Δh - drawdown per log cycle (m)
t - time (min)



Apparent Transmissivity for Bedrock Aquifers

The values for apparent transmissivity vary from a low of 0.1 to a high of 213 m^2/day, with 90% being less than 20.1 m^2/day. Because of the large number of values of less than 20.1 m^2/day, the map showing the distribution of various transmissivity values was prepared using only the values of less than 20.1 m^2/day. The 107 values that are 20.1 m^2/day and larger have been posted to the map. From the map, it can be seen that the apparent transmissivity values for the majority of the County are less than 4 m^2/day. The transmissivity values in the 4 to 16 m^2/day range occur in a northwest-southeast swath through the County. The posted values, which include apparent transmissivity values of greater than 20.1 m^2/day, for the most part also occur in this swath.

b) Surficial

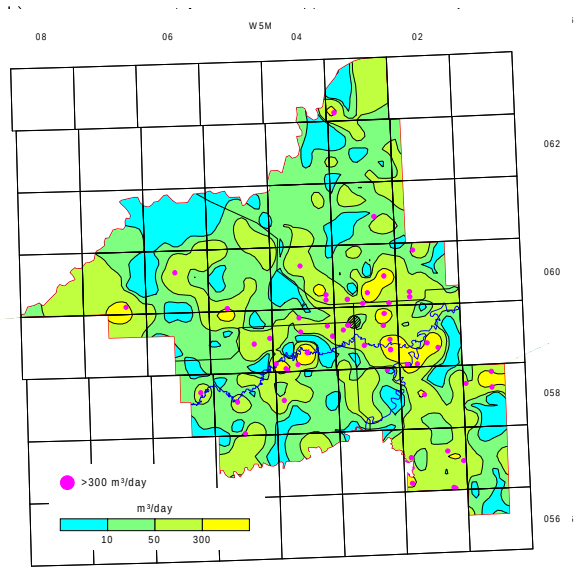
There are 18 values available for apparent transmissivity for surficial aquifers, eight of which are for the sand and/or gravel deposits in the area where the Barrhead and Dapp Valleys are present. The values of transmissivity vary from 0.1 to 34.9 m^2/day, with the average being 7.5 m^2/day. The remaining 10 values for apparent transmissivity are from throughout the County.

vii) Apparent Safe Yield

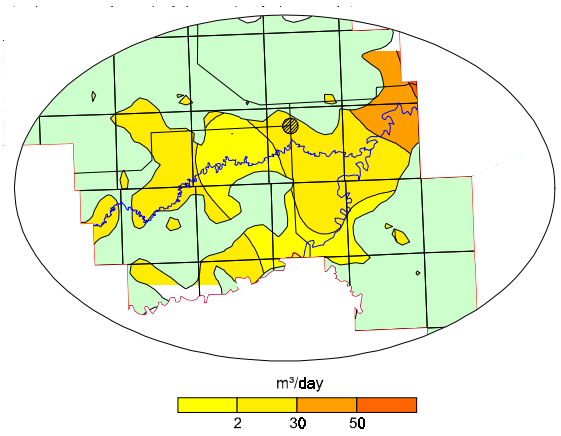
Values of apparent safe yield (Q20a) have been calculated using the apparent transmissivity values. The calculation has been generic using the form:

T x H x 0.7 x 1.44 / (0.264 x 7)

where transmissivity (T) is in m^2/day, available drawdown (H) is in metres and the apparent safe yield (Q20a) is in m^3/day.



Apparent Safe Yield in Bedrock Aquifers



Apparent Safe Yield in the Barrhead and Dapp Valleys

The apparent safe yield for the bedrock aquifers varies from less than 1 to over 1500 m^3/day. All of the values were used to prepare the contour grid for the map. However, on the map there was no breakdown of values above 300 m^3/day. In addition to the contours, the locations of the water wells with projected long-term yields of more than 300 m^3/day have been posted.

From the apparent safe yield map, it is evident that, in most of the area, water wells with yields of in the order of 10 to 300 m^3/day can be expected.

A map has been prepared for the apparent safe yield for the sand and/or gravel aquifers associated with the Dapp and Barrhead Valleys. The limited data show water well yields vary from less than 2 to more than 30 m^3/day.

viii) Chemical Quality

A total of 932 chemical analysis results are available from the County of Barrhead water wells. Of the 932 analyses, 818 are from water wells completed in bedrock aquifers and 122 are from water wells completed in sand and/or gravel aquifers; two chemical analysis results have not been assigned to either a bedrock or surficial aquifer. For the present review, groundwaters are being assessed relative to the recommended maximum concentration of constituents for drinking water. The maximum concentrations for either aesthetic or health concerns are outlined in the adjacent table.

Chemical Constituent	Recommended Maximum Concentration mg/L		
	GCDWQ	CCME	LRHA
Calcium*	-	-	75
Magnesium*	-	-	500
Sodium*	200	-	200
Potassium*	-	-	-
Sulfate*	500	500	500
Chloride*	250	250	250
Bicarbonate*	-	-	1000
Nitrate+Nitrite as N	-	10	10
Fluoride	1.5	1.5	1.5
Total Alkalinity*	-	-	500
Hardness*	200	-	200
Total Dissolved Solids*	500	500	500
Iron*	0.3	-	0.3

* Aesthetic Limits

GCDWQ: Guidelines for Canadian Drinking Water Quality Health and Welfare Canada (1993) 5th Edition

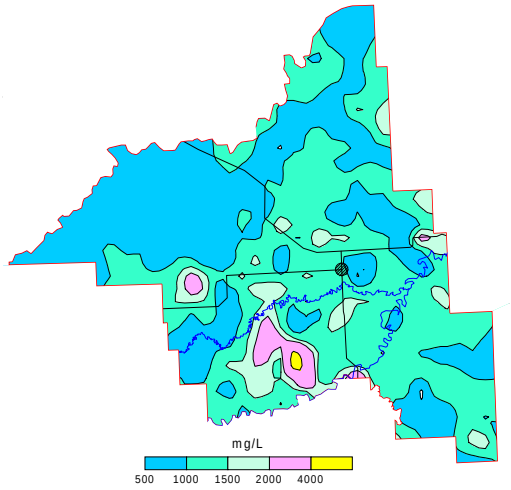
CCME: Canadian Council of Ministers of the Environment Interim Criteria using the Best-Fit Option - Assessment Criteria

LRHA: Lakeland Regional Health Authority (1996)

The chemical analyses used for the present program include results from water wells that are less than 150 metres deep, have an anion-cation balance within 10%, and whose sodium, calcium and sulfate concentrations are not null.

a) Total Dissolved Solids

There are 814 total dissolved solids (TDS) values available for bedrock groundwaters in the County of Barrhead. Of the 814 values, 3.8% are less than 500 mg/L and 14.7% are more than 1500 mg/L. A map of the distribution of total dissolved solids shows that areas where TDS values are above 1500 mg/L can be found at several locations. The largest area with high TDS values occurs in Tp 058, R 04, W5M. The main areas where TDS values are less than 1000 mg/L are the northern and western parts of the County.



Total Dissolved Solids - Bedrock

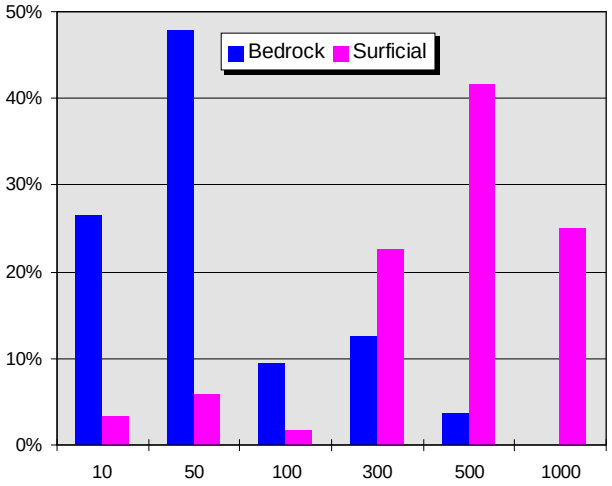
The total dissolved solids in the groundwaters from the surficial deposits are significantly less than the TDS in the groundwater from the bedrock. A comparison of the percentages in each category is as follows:

TDS Concentration	Groundwaters From	
mg/L	Bedrock	Surficial
<200	0.5%	0.0%
<500	3.8%	21.7%
<1000	44.8%	73.3%
<1500	85.3%	94.2%
<2000	93.9%	99.2%
<4000	99.1%	100.0%

The groundwaters from the surficial deposits do not contain more than 2000 mg/L and only 0.8% have more than 1500 mg/L. Also, 21.7% of the groundwaters from the surficial deposits have total dissolved solids of less than 500 mg/L.

b) Total Hardness

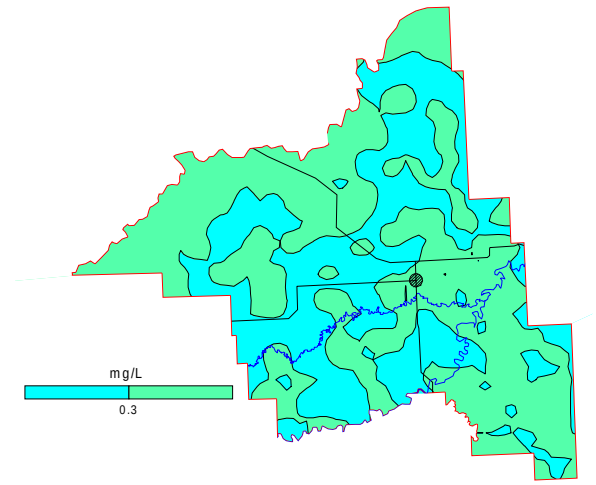
In general terms, the groundwater from the bedrock aquifers will be chemically soft and groundwater from the sand and/or gravel aquifers in the surficial deposits will be chemically hard. In the County of Barrhead, a predominance of bedrock groundwaters have a chemical hardness of less than 50 mg/L, while the groundwaters from the surficial deposits mainly have a chemical hardness of more than 100 mg/L, with the largest group having a chemical hardness of between 300 and 500 mg/L. The anomalies may be a result of the groundwater source not being properly categorized, or the water well having been completed in both a bedrock and a surficial aquifer, or an unexpected variation in the local hydrogeology.



Chemical Hardness

c) Iron

In general terms, the groundwater from the bedrock aquifers will contain less than 0.3 mg/L of dissolved iron and groundwater from the sand and/or gravel aquifers in the surficial deposits will contain more than 0.3 mg/L, with concentrations reaching several mg/L in some cases. A frequency distribution shows that for bedrock groundwaters in the County of Barrhead, 65% have a dissolved iron concentration of 0.3 mg/L or less. However, when the areal distribution is considered, the area where dissolved iron is less than 0.3 mg/L is only approximately 50% of the County. Often when groundwater is obtained from a coal aquifer in the bedrock, the dissolved iron will be higher than when the aquifer is a sandstone or fractured shale unit.



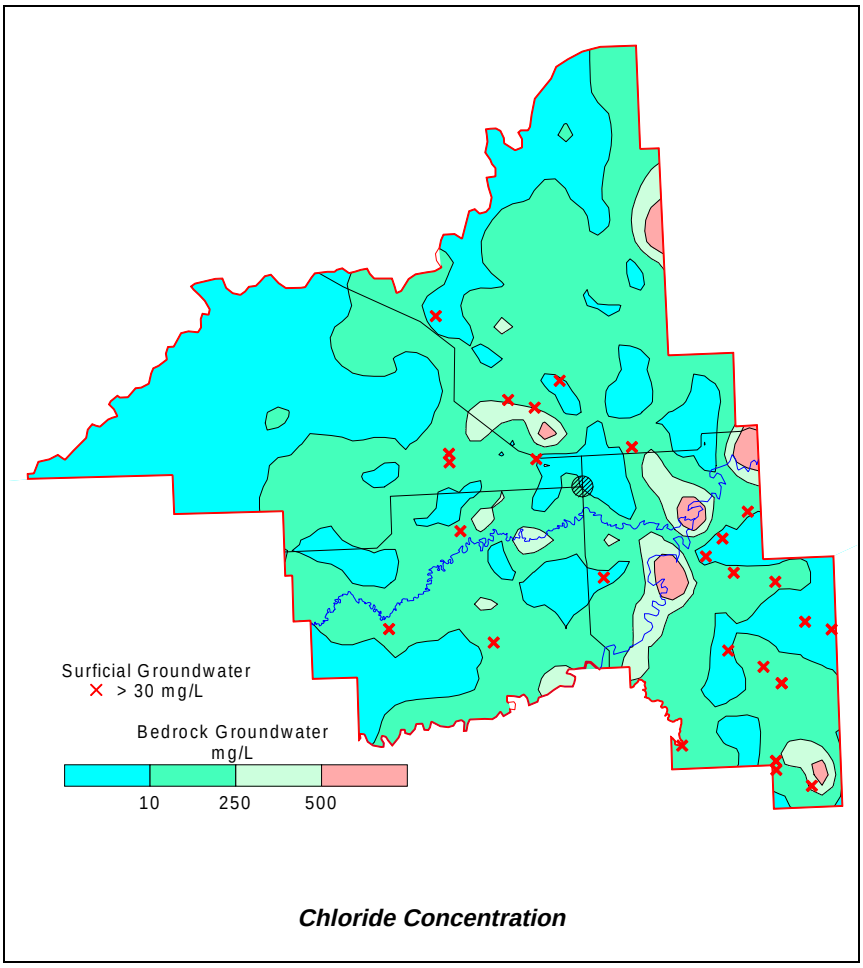
Iron Concentration - Bedrock Groundwater

Slightly less than 50% of the groundwaters from the sand and/or gravel deposits have dissolved iron of 0.3 mg/L or less. The large number of groundwater samples from the surficial deposits with 0.3 mg/L or less may indicate that water samples are being taken downstream from a water treatment facility, or the groundwater source has not been properly categorized, or the local hydrogeology is unusual. When sampling for dissolved iron, the sample should be obtained as close to the source as possible and if possible the sample should be preserved at the time of sampling.

d) Chloride

The concentration of the chloride ion in bedrock groundwaters varies from less than 1 mg/L to 2808 mg/L. Of the 869 values for chloride, 49% have 10 mg/L or less and 8% have more than 250 mg/L, the recommended maximum for drinking water. None of the groundwaters with 250 mg/L or more of chloride have an elevated NO_2+NO_3 concentration that would suggest contamination of the groundwater.

The chloride ion concentration in groundwater is above 250 mg/L in several areas of the County. The main areas include parts of Tp 058 and 059, R 02 and 03, W5M, southeast of Barrhead.



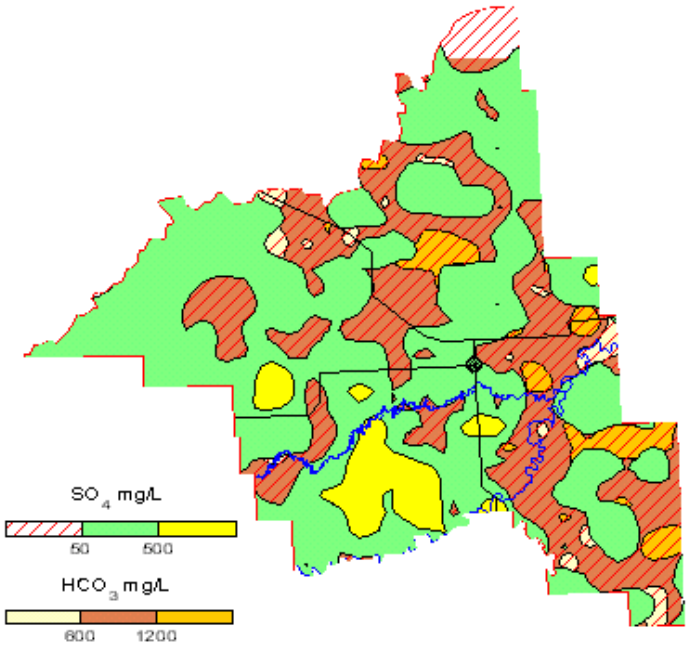
Chloride Concentration

In the unconsolidated sediments, the chloride concentrations are significantly lower than in the bedrock groundwaters. The range of chloride concentration is from 1 to 225 mg/L. There are 37 chloride concentrations from surficial aquifers that are over 30 mg/L. Of the 37 samples, NO_2+NO_3 concentrations are also given for 22 of the chemical analysis results. The NO_2+NO_3 values vary from <0.004 to 1.7 mg/L. These concentrations of NO_2+NO_3 are not a health hazard, but of the 22 values provided, at least 13 are considered elevated and may be indicative of the groundwater being contaminated. Of the 13 water wells from which the samples were obtained, 10 are less than 20 metres deep. The 37 locations where chloride concentration exceeds 30 mg/L in the surficial deposits are shown on the chloride map. Very few of the 37 locations are close to the areas where the chloride ion concentration in the bedrock is above 250 mg/L, and several are in areas where the chloride concentration in the bedrock is less than 10 mg/L.

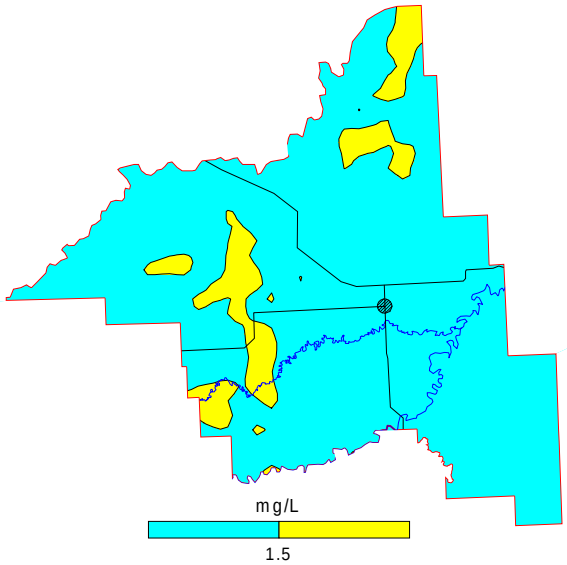
e) Sulfate

The total number of sulfate concentration values for the bedrock groundwaters is 818. Of these 818 values, 579 are less than 100 mg/L and 139 are greater than 500 mg/L. The areas where the sulfate concentration is the highest are in the southwest part of the County.

A total of 488 values for SO_4 concentration are less than 50 mg/L. Of these 488 samples, the bicarbonate concentration of 86% of the samples is greater than 600 mg/L, with some values as high as 3066 mg/L. The presence of elevated bicarbonate values with low sulfate concentrations suggests that sulfate reduction is taking place, with H_2S gas being a by-product. In almost all of the areas on the map where the SO_4 concentration is less than 50 mg/L, the bicarbonate concentration is greater than 600 mg/L.



Sulfate and Bicarbonate Concentration



Fluoride Concentration

f) Fluoride

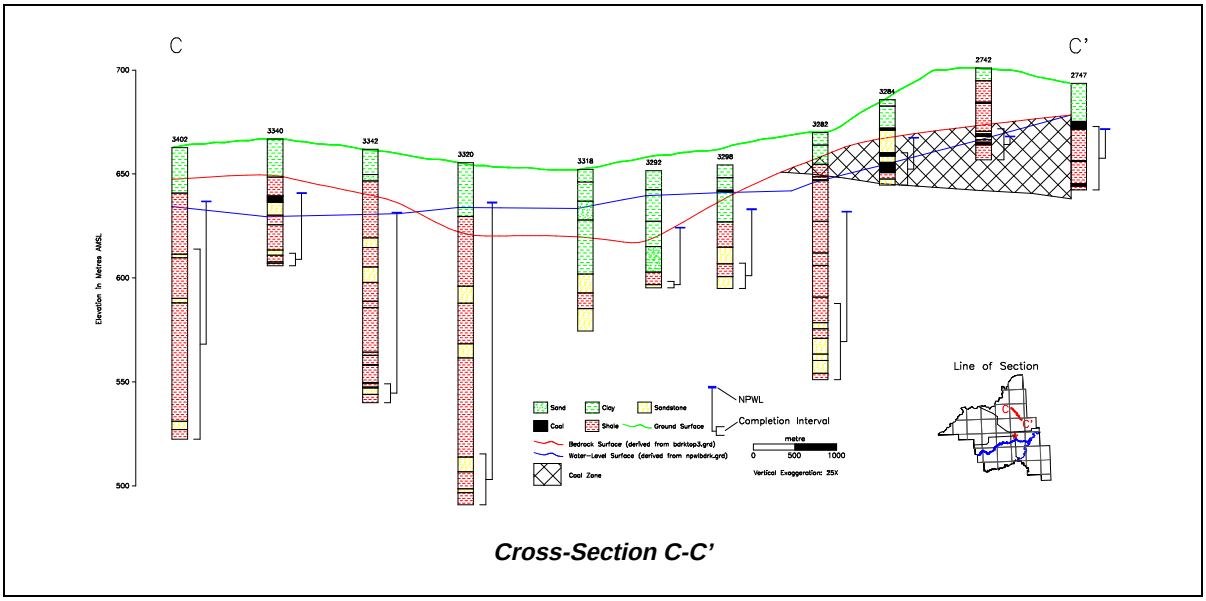
The fluoride concentrations in bedrock groundwaters range from 0.05 to 4 mg/L, with 18.9% exceeding the maximum recommended limit of 1.5 mg/L for drinking water. Areally, the high fluoride groundwaters are mainly in R 05 and in the most northerly part of the County.

Because the solubility of fluoride is higher in chemically soft waters, the fluoride concentration in the groundwater from surficial aquifers is low.

ix) Cross-Sections

Four cross-sections have been prepared from the water well records in the groundwater database. In addition to the lithological and completion details for individual water wells, traces of the gridded surfaces from various maps have also been included on the cross-sections. The surfaces include the ground surface, the bedrock surface and the non-pumping water-level surface for bedrock water wells. In addition to these surfaces, the top of the Lea Park Formation was mapped for the area and used as a guide for regional structure.

Correlation of individual lithologic units along any given cross-section is difficult to accomplish over any significant distance. The one feature that is apparent from the cross-sections is the occurrence of coal zones. Even though individual coal layers do not appear to be continuous, there is an interval that can be identified within which most of the significant coal layers occur. The base of the interval is approximately 340 metres above the top of the Lea Park Formation and the interval is approximately 100 metres thick. This interval has been included on each cross-section as a hatched area. Along cross-section C-C', only the lower part of the coal zone is present and it is only along the southeast end



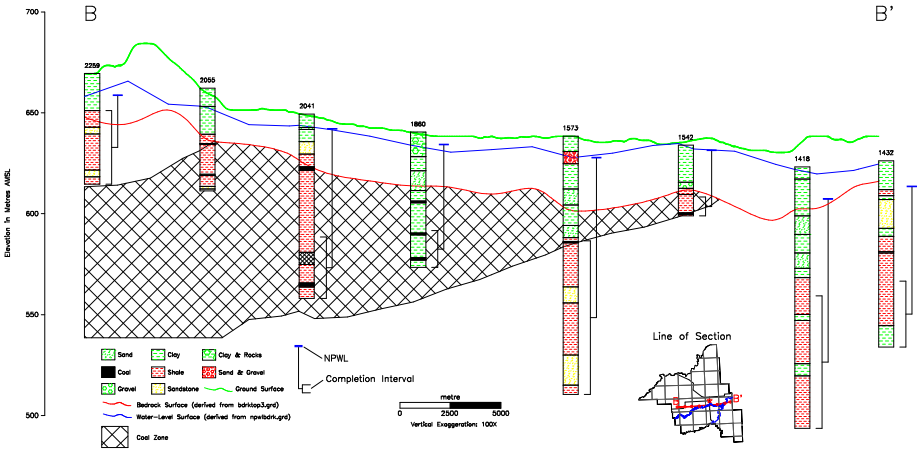
Cross-Section C-C'

(C'') where the base of the interval is below the bedrock surface. On the northwest end of the cross-section (C), there is a noticeable coal layer which is approximately 10 metres below the base of the coal zone.

The regional trend surfaces do provide a means of attempting to correlate different lithologies between adjacent water wells. However, extrapolation of the results over any horizontal distance is difficult.

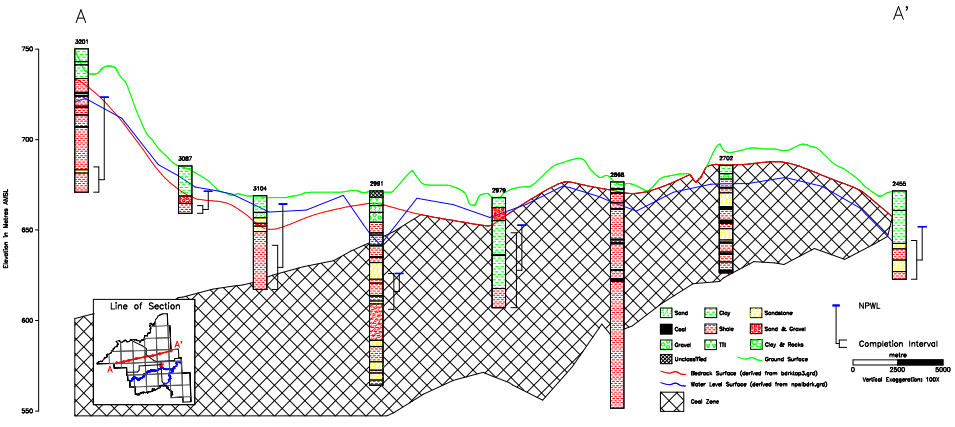
The bedrock surface trace has been created from the bedrock topography map. In many places, the bedrock surface does not agree with the bedrock pick for an individual water well. The discrepancy is in part a result of not being able to unequivocally identify the bedrock surface due to the interchange of terminology by the water well drillers and in part by the limited spatial control.

The other surfaces that have been applied to the cross-sections also show the impact created by nearby control points. On cross-section B-B', the water level in the water wells at the east end of the cross-section are in the order of 12 metres below the water level obtained from the regional water-level map. Four of the water wells on cross-section B-B' are completed in the coal zone. A fifth water well was drilled through the coal zone and is completed through more than 75 metres of bedrock. Two other water wells on the east end of the cross-section are completed below the coal zone. The completion interval for one of the water wells is 66 metres and for the other is 33 metres.



Cross-Section B-B'

The linear bedrock lows are not readily identifiable on the cross-sections. Cross-section B-B' does intersect the Barrhead Valley and a sand deposit in the interval from 605 to 622 metres AMSL can be observed. A sand deposit, in approximately the same interval, is also evident on the D-D' cross-section. However, from the cross-sections it is difficult to determine if the sand layers are continuous.

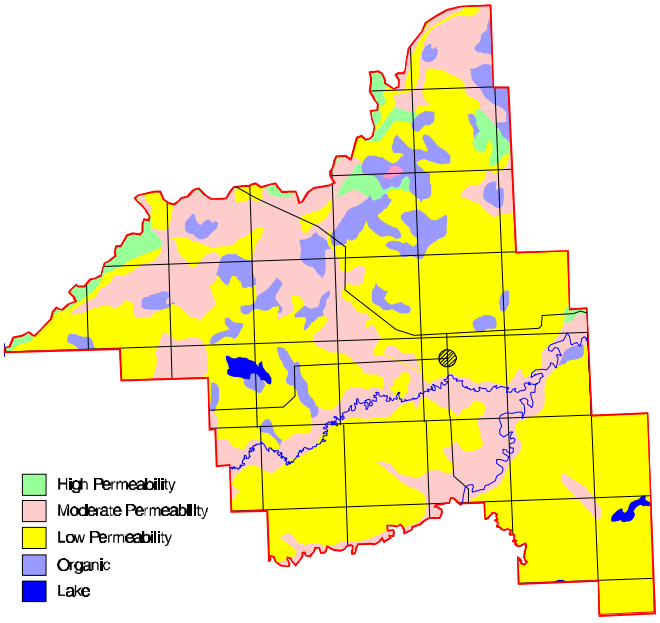


Cross-Section A-A'

Copies of all four cross-sections are in Appendix C.

C. Surficial Geology

The surficial geology of the County of Barrhead has been mapped by the Alberta Research Council[10]. The information from the ARC map was used to prepare a map that details permeability of the materials at or near the land surface. For the purpose of the present program, the materials at or near the land surface have been included in one of four different categories, according to grain size and expected permeabilities. Areas of high and moderate permeability include coarse-grained and fine-grained, well sorted, fluvial, lacustrine and aeolian deposits. Low-permeability areas include morainal deposits (glacial tills) and organic deposits (mostly peat bogs).



Permeability of Near-Surface Surficial Deposits

The high-permeability zones occur in the north part of the County. Areas of moderate permeability occur throughout the County but most noticeably in linear trends along the Athabasca, Pembina and Paddle Rivers and along a northwest-southeast trend between the Paddle and Athabasca Rivers. The materials at or near the land surface throughout the majority of the County are low-permeability glacial tills.

Areas of organic deposits and lakes make up a small percentage of the County land area.

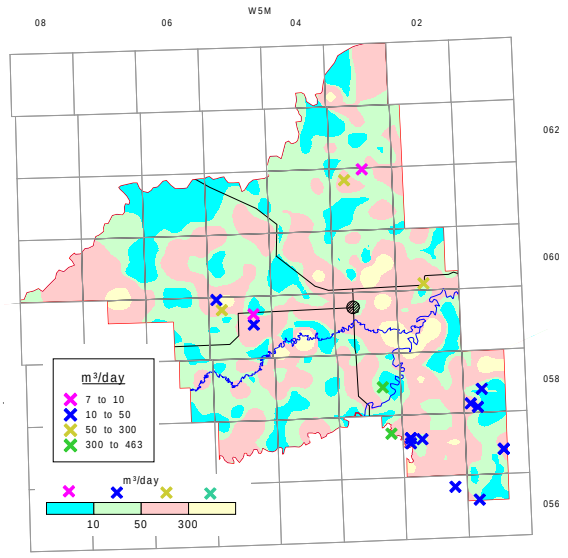
D. Unpublished Reports

Data have been obtained for 21 aquifer tests from the unpublished reports. The tests were associated with applications to subdivide land for country residential development, or the testing of existing domestic water wells in association with oilfield activity. Of the 21 aquifer tests, 18 were with water wells completed in bedrock aquifers and three were with water wells completed in sand and/or gravel deposits in the surficial deposits. One of the aquifer tests involving a sand and/or gravel aquifer included two observation water wells. The data from the aquifer tests have been included in the electronic files. In Appendix B, semi-logarithmic plots are given for the pumped water wells and log-log plots are given for the observation water wells. A summary of the aquifer tests is also given in Appendix B.

[10] Shetsen, I. 1990. Quaternary Geology, Central Alberta. Alberta Research Council Map. Natural Resources Division. Terrain Sciences Department.

The projected long-term yields for the 18 water wells completed in the bedrock aquifers vary from 7 to 463 m^3/day. On the adjacent map the long-term yields based on the aquifer tests have been compared with the apparent long-term yields based on the aquifer test summaries provided on the water well drillers' reports. Of the 19 aquifer tests where a comparison can be made, the long-term yield is within the expected range for 9 water wells, lower than expected for 8, and higher than expected for 2.

The higher than expected values may be related to local fracturing. The lower than expected yields may be a reflection of local hydrogeology or the efficiency of the completed water well.

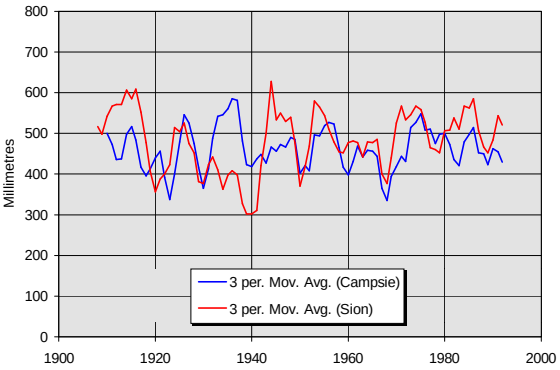


Aquifer Test Results with Projected Apparent Safe Yields

The water wells that are completed in aquifers in the surficial deposits are completed in three different aquifers. The first is in the extreme southeast part of the County. The projected long-term yield for this water well is 15 m^3/day. The second aquifer may be part of the aquifer associated with the Dapp Valley and the projected long-term yield is 106 m^3/day; a yield of 100 m^3/day is significantly higher than the yield of 2 to 30 m^3/day expected from the map given on page 13 of this report. The third aquifer tested is in the Athabasca River Valley. The sand and/or gravel aquifer has a transmissivity of in the order of 300 m^2/day and the projected long-term yield of the water well is in the order of 500 m^3/day.

E. Precipitation Data

With only a few exceptions, the monthly precipitation data are complete for the seven meteorological stations within or in the general area of the County of Barrhead. The months which had no data were assigned a value based on the average of that month for all the years available for that station. Where monthly data were missing, yearly total precipitation needed to be calculated using these assigned monthly averages.



Annual Precipitation

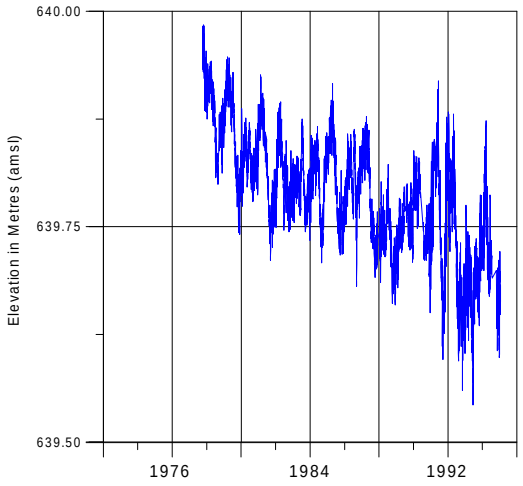
The Campsie and Sion meteorological stations have precipitation data from the early 1900s through to 1992. The data show that yearly total precipitation can vary from less than 300 mm to more than 600 mm. The three-year moving average indicates that, between 1970 and 1992, the annual precipitation has not varied as much as during the years before 1970 and has remained close to 500 mm per year. The three year moving average graphs indicate that there has not been any increasing or decreasing trend in the annual precipitation at the Campsie and Sion stations.

F. AEP Observation Water Wells

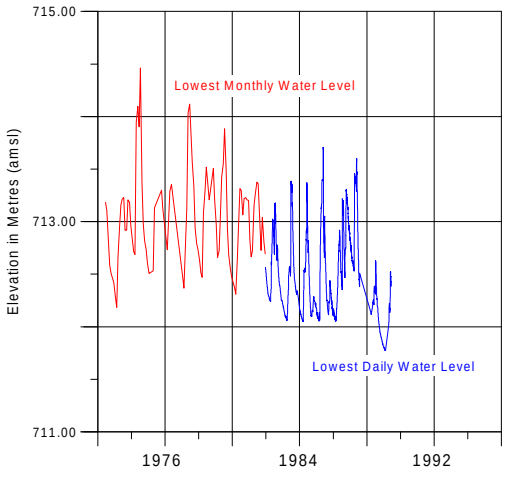
There are four Alberta Environmental Protection (AEP) observation water wells in the County of Barrhead. The following table provides basic information for each of these wells.

AEP Observation Well						
No.	Elevation (m)	Location	Name	Depth (m)	Completion	Aquifer
331	715.1	01-08-057-01 W5M	Sion #2	54.3	Open	Horseshoe Canyon
332	715.0	01-08-057-01 W5M	Sion #3	10.67	Screen	Surficial
333	658.5	04-28-058-03 W5M	Barrhead	87.17	Open	Horseshoe Canyon
367	715.0	01-08-057-01 W5M	Sion #1	153.9	Screen	Wapiti

Observation Water Well (Obs WW) No. 333 is located approximately 8 kilometres south of Barrhead. Obs WW No. 333 is 87 metres deep and completed through 8 metres of bedrock. The water level undergoes a general seasonal fluctuation, with the water level rising from late fall to late spring and then declining from late spring to late fall; the magnitude of the change is in the order of 0.10 to 0.15 metres. Over the last 18 years, the water level has had a continuous downward trend of approximately 0.01 metres per year.



AEP Obs WW 333 - Hydrograph



AEP Obs WW 332 - Hydrograph

Obs WW Nos. 331, 332 and 367 (near Sion) are located approximately 35 kilometres southeast of Barrhead. Obs WW Nos. 331 and 367 are completed in bedrock aquifers and are 54.3 and 153.9 metres deep respectively. Neither of the hydrographs from these two observation water wells has provided meaningful long-term data.

Obs WW No. 332 is completed at a depth of 10 metres, in an aquifer in the surficial deposits. The hydrograph shows that seasonal fluctuations of in the order of 1.5 metres can occur. Over the last 20 years, the water level has declined slightly more than one-half metre.

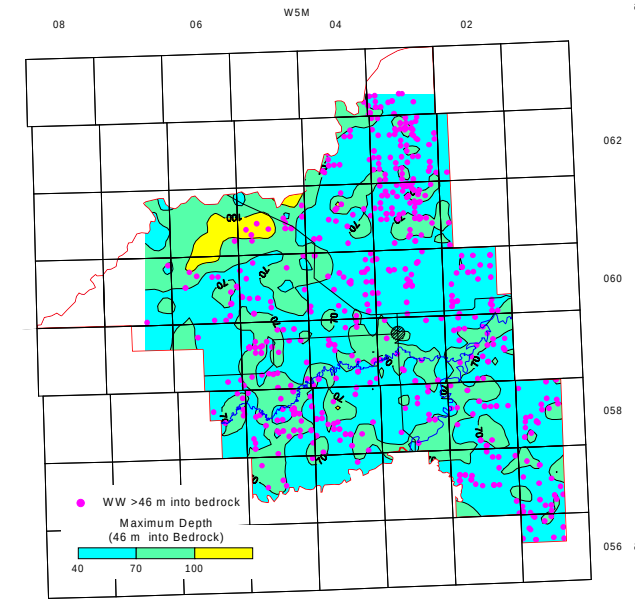
V. INTERPRETATION

A. Bedrock Aquifers

There are no regional bedrock aquifers that can be identified in the County of Barrhead. Individual sandstone layers and coal zones can be identified over distances of several kilometres. However, based on the water well drillers' reports, the sandstone layers are not always a significant aquifer. Of three water wells that encountered one sandstone layer (cross-section B-B' - Appendiix C), only one water well was completed through the sandstone layer. Two other water wells along the same cross-section are completed in a coal layer.

When the elevations of the total depths of the water wells are plotted on a map, there is no apparent trend that would indicate that water wells are being completed in a particular aquifer. A histogram of the elevation of the completed depths of bedrock water wells shows that the elevations fit a normal Bell curve, with the mid-point being 615 m AMSL. The 1843 water wells completed in bedrock aquifers penetrate between 2 and 200 metres of bedrock. Two thirds of these water wells are completed having penetrated less than 46 metres of bedrock.

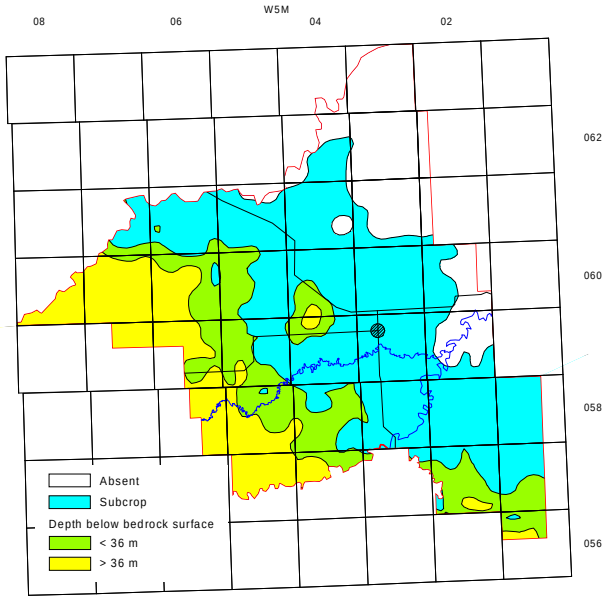
With the bedrock surface as a guide, a map can be prepared that shows the maximum depth of water wells completed less than 46 metres below the bedrock surface. The map illustrates that, over approximately 60% of the County, the water wells would be expected to be less than 70 metres deep. In 30% of the County, the water wells would be expected to be between 70 and 100 metres deep and in the remaining 10% of the County, the water wells would be expected to be more than 100 metres deep.



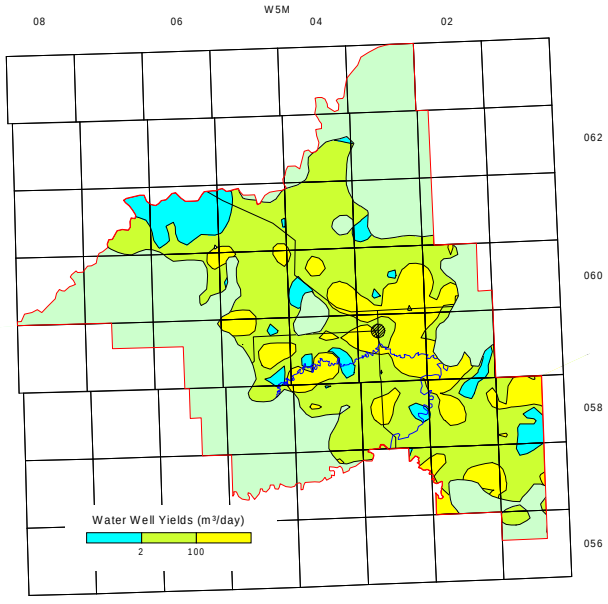
Bedrock Water Well Depths

When the water wells that are completed more than 46 metres below the bedrock surface are posted to the map, it can be seen that there are water wells scattered throughout the County where more than 46 metres of bedrock have been penetrated. However, there is one area where there is a concentration of water wells having penetrated more than 46 metres of bedrock. The area is in the northern part of the County in Tp 061 and 062, R 03, W5M. In this area, 77% of the water wells penetrate more than 46 metres of bedrock.

From the cross-sections, it was observed that coal layers are reported in some water wells but not in others. The "coal zone" is approximately 100 metres thick, with the base approximately 340 metres above the top of the Lea Park Formation. By adding 340 and 440 metres to the elevation of the top of the Lea Park Formation, it is possible to define the area where the coal zone will subcrop on the bedrock surface. Also, it is possible to indicate the areas where the coal zone would be at least 10 metres thick and the areas where the top of the coal zone will be within 36 metres of the bedrock surface. From the map, it can be seen that the coal zone is not expected in the northern part of the County where the water wells are drilled through significantly more bedrock than in the remainder of the County. Along the western part of the County, the coal zone is more than 36 metres below the bedrock surface. In this area, if a water well is drilled 46 metres into the bedrock, less than 10 metres of the coal zone will be encountered.



Coal Interval



Coal Interval Subcrop with Water Well Yields

The projected long-term yields for bedrock water wells vary significantly throughout the County. From the data available, a map has been prepared showing the areas where long-term water well yields are a) less than 2 m^3/day (0.3 igpm), b) between 2 and 100 m^3/day (0.3 to 15 igpm), and c) more than 100 m^3/day (15 igpm). A long-term yield of less than 2 m^3/day is inadequate for the needs of a single family dwelling and minor livestock needs. A water well yield of 2 to 100 m^3/day is adequate for most rural needs, including small feedlot operations. Long-term water well yields in excess of 100 m^3/day are adequate for some water-intensive industries.

When the water well yield map is compared with the subcrop, it can be seen that the majority of the higher yield water wells are in the area of coal zone subcrop or where the top of the coal zone is less than 15 metres below the bedrock surface. There are higher yield areas outside the influence of the coal zone and

there are low-yield areas within the area. However, these variations may be a reflection of the quality of the data or variations in the local hydrogeology.

For the most part, the chemical quality of the groundwater is suitable for domestic needs. There are local problem areas where the chloride or sulfate concentration is high. The dissolved iron in the bedrock groundwater over approximately one half of the County is above 0.3 mg/L, the concentration above which staining will start. Over approximately 50% of the area where the is subcropping, the sulfate concentration of the bedrock groundwaters is less than 50 mg/L and the bicarbonate concentration exceeds 600 mg/L. In this area, the groundwater from water wells completed in the bedrock aquifers could be expected to contain varying amounts of hydrogen sulfide.

B. Aquifers in the Unconsolidated Sediments

An attempt has been made to delineate the areas where sand and/or gravel deposits can be expected in the unconsolidated sediments. One area of approximately 300 square kilometres has been defined in the southern part of the County. This is an area where the Barrhead and Dapp linear bedrock lows are present and sand and/or gravel can be expected. At this time, it is unclear as to whether the sand and/or gravel deposits are continuous. The apparent safe-yield for the sand and/or gravel deposits is less than 30 m^3/day. However, the results of one aquifer test indicate that a water well completed in the sand and/or gravel deposits may have a long-term yield of in the order of 100 m^3/day. Ideally, a suitably completed water well could be expected to provide at least a few hundred cubic metres per day from these deposits.

C. Groundwater Protection

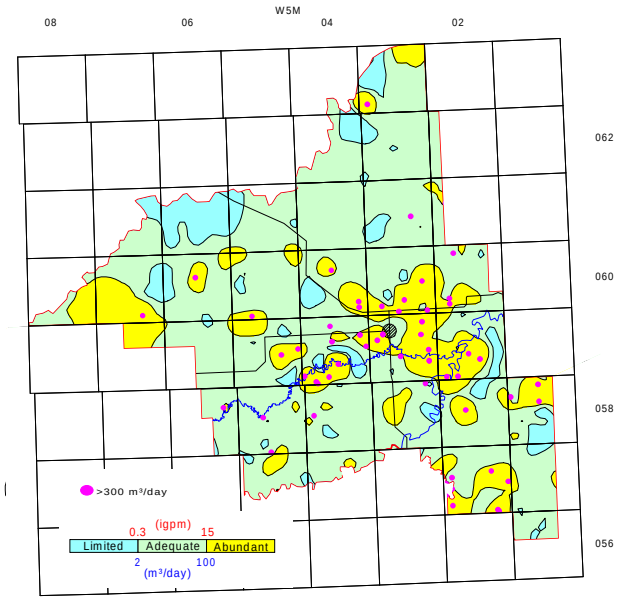
The groundwater needs to be protected from overuse and from contamination. In areas where the groundwater supplies are considered to be abundant, there is a concern that use may exceed replenishment and hence depletion of the resource. To better understand the sustainability of the groundwater supply, there is a need for widespread monitoring of water levels at various locations in the groundwater flow system and in various aquifers. At this time there are too few meaningful data to establish a sustainable groundwater yield.

The groundwaters where there is an elevated NO_2+NO_3 concentration and an elevated chloride concentration, are suspect of being contaminated. The location in township 061, range 04, W4M is in a groundwater recharge area where the near surface materials are permeable and the possibility of significant contamination is present.

VI. CONCLUSIONS

Hydrogeological data from various sources have been synthesized and interpreted and are presented on 11 maps and 4 cross-sections. The interpreted hydrogeological data are also accessible through a "Groundwater Query". The groundwater query is a computer program that operates under Windows 95 to allow specific information to be obtained for proposed water wells by ¼ section or by legal subdivision.

Over approximately 12% of the County, water wells completed in bedrock aquifers are expected to have long-term yields of less than 2 m^3/day (0.3 igpm). For a country residential development, a yield of 1.1 m^3/day/lot is considered adequate. In the majority of the County, water wells completed in the bedrock are expected to have long-term yields of between 2 and 100 m^3/day (0.3 and 15 igpm). This volume of water would be adequate for most developments except those requiring a significant quantity of water, such as large feedlots or market gardens. Higher yields are expected from bedrock water wells over approximately 20% of the County.



Bedrock Water Well Yields

Because of the type of sediments in the upper bedrock, there are no regional aquifers, since the sedimentary layers tend to be lenticular. However, one interval has been identified where coal layers are more common. This interval is approximately 100 metres thick and, where present, water wells tend to have shorter completion intervals. The base of the coal zone interval is approximately 340 metres above the top of the Lea Park Formation. The coal zone is not present in the northeastern part of the County and is below the deepest water wells on the west side of the County.

In addition to the regional trend of the water wells completed in the bedrock aquifers, there are individual locations where water wells have projected yields of greater than 300 m^3/day. The very local high-yield water wells are believed to be completed in aquifers with fracture permeability; the long-term yields of these water wells could be expected to be less than the indicated water well yield because of aquifer boundary conditions.

In approximately 60% of the County of Barrhead, sand and/or gravel aquifers are expected. The most significant accumulations are along the northern part of the County and are in association with the High Prairie Valley. Water wells completed in these sand and/or gravel deposits are expected to have yields of in excess of several hundred cubic metres per day.

There are other areas in the County where sand and/or gravel deposits may be present. In the central part, there are numerous locations where sand and/or gravel deposits are reported to be present. These reports are mainly in association with the Dapp and Barrhead bedrock lows. In the areas outlined, the majority of water wells report the presence of sand and/or gravel deposits. However, the cross-sections suggest that the sand and/or gravel deposits are not continuous. Water wells completed in the sand and/or gravel deposits associated with the Dapp and Barrhead bedrock lows have low projected long-term yields, which may be a reflection of their completion rather than an indication of the permeability of the deposits. Certainly, further investigation of the sand and/or gravel deposits would be warranted if significant quantities of groundwater were needed.

There are too few data to determine sustainability of the groundwater supply. At the present time, there are approximately 1500 rural residents in the County of Barrhead. If each person uses 250 litres per day, then 400 m^3/day would be needed for the residents. There are 177 licensed groundwater diversions within the County of Barrhead. The total quantity of groundwater allowed under the diversions is 1698 m^3/day. There are no indications from the AEP observation water wells that groundwater supplies are being depleted. However, the observation water wells are such a limited sampling as to be almost meaningless.

Extrapolation of the present data suggests that more than 80% of the County of Barrhead is a groundwater recharge area. However, this observation is based on a very limited data set.

VII. RECOMMENDATIONS

The analysis of digital hydrogeological data continues to have a problem with spatial control. To improve the elevation control, it is necessary to use the Maps Alberta 1:20,000 DEM data. Once the improved topographic control is available, it would be necessary to improve the horizontal control of the water wells. A first approximation to the horizontal positioning of the water wells could be accomplished with the ENR 1:50,000 maps and aerial photos. However, a field-verified water well survey would eventually be needed. During the field-verified water well survey, a water level would be measured in the water well when it was identified. It is recommended that a program be put in place to obtain the data necessary to improve the spatial control.

There is also a need to obtain data to establish the sustainability of the groundwater supply through the monitoring of groundwater levels. The present method of drilling and completing observation water wells is very expensive and very site specific. There is a need to use existing water wells throughout the County to do the water-level monitoring. The process could involve either having the water well users measure the water level in their water wells on a weekly basis, or have a contractor measure water levels in several tens of water wells four times per year. Either approach would provide better water-level fluctuation coverage for the County at a significantly lower cost than the completion of observation water wells. Once data have been collected for a few years, a better understanding of the groundwater sustainability could be obtained. It is recommended that a program to collect water-level data be set up as part of a sustainability program for agriculture.

After the spatial control has been improved and a better resolution of the existing data is obtained, it is recommended that the sand and/or gravel deposits associated with the Dapp and Barrhead Valleys be investigated in greater detail. The sand and/or gravel aquifers should be capable of providing significant quantities of groundwater for agricultural needs. However, before the development begins, background water-level data should be collected by the groundwater monitoring program.

A coal zone, which is approximately 100 metres thick, has been identified as a possible regional aquifer. There is a need to investigate the significance of this interval in more detail, particularly in the western part of the County. This would require the drilling of water test holes to the bottom of the coal zone to determine if the coal layers are fractured at depth.

VIII. REFERENCES

Carlson, V. A. 1970. Bedrock Topography of the Wabamun Lake Map-Area, NTS 83-G, Alberta. Alberta Research Council Map.

Carlson, V. A. 1972. Bedrock Topography of the Whitecourt Area, NTS 83-J, Alberta. Alberta Research Council Map.

Geoscience Consulting Ltd. 1979. Aquifer test #2, SW 15-57-01 W5. Unpublished Contract Report.

Glass, D. J. (editor) 1990. Lexicon of Canadian Stratigraphy, Volume 4: Western Canada, including British Columbia, Alberta, Saskatchewan and southern Manitoba. Canadian Society of Petroleum Geologists, Calgary.

Green, R. 1971. Geological Map of Alberta. Alberta Research Council Map.

Groundwater Consultants Group. 1979. Pumping test at NE 1/4 31-59-5 W5, carried out by Mahar Drilling. NE-31-059-05-W5. Unpublished Contract Report.

Hall, P. L. 1979. Pumping test analyses, W 1/2 5-58-1 W5. Unpublished Contract Report.

Hall, P. L. 1978. Pumping test analysis, NE 6-58-1 W5. Unpublished Contract Report.

Hydrogeological Consultants Ltd. 1986. BP Hladky Aquifer Test, NW 26-56-06 W5. 14-26-056-06 W5, 08-27-056-06 W5. Unpublished Contract Report.

Hydrogeological Consultants Ltd. 1990. Luscar, Barrhead Area, Craft-Andrews Aquifer Test, NW 25-59-03 W5. Unpublished Contract Report.

Jones, N. 1981. Aggregate Resources, Wabamun. Alberta Research Council map.

MLM Groundwater Engineering Ltd. 1979. Pumping test for a well on NW 1/4 19-59-5 W5. NE-19-059-05 W5. Unpublished Contract Report.

Mossop, Grant and Irina Shetsen, editors, 1994. Geological Atlas of the Western Canada Sedimentary Basin. Produced jointly by the Canadian Society of Petroleum Geology, Alberta Research Council, Alberta Energy, and the Geological Survey of Canada.

Olson, J. and O. Tokarsky. 1979. Aquifer tests, SW 23-59-5 W5. Unpublished Contract Report.

Omni-McCann Consultants Ltd. 1990. Aquifer test evaluation, well no. 3, NW 16-62-4 W5M, Misty Ridge Ski Hill, Alberta. Unpublished Contract Report.

Ozoray, G. F. 1972. Hydrogeology of the Wabamun Lake Area, Alberta. Research Council of Alberta Report 72-8.

Quaternary Geosciences Ltd. 1975. Water well report, Thunder Lake-Barrhead provincial park. 059-05 W5. Unpublished Contract Report.

Sham, P. 1982. Aggregate Resources, Whitecourt. Alberta Research Council map.

Shetsen, I. 1990. Quaternary Geology, Central Alberta. Alberta Research Council Map. Natural Resources Division. Terrain Sciences Department.

Suvan, Fettig & Associates Ltd. 1976. Aquifer test, proposed subdivision, NE 26-56-02 W5. Unpublished Contract Report.

Tokarsky, O. 1976a. Hydrogeology of the Whitecourt Area, Alberta. Alberta Research Council Report 76-3.

Tokarsky, O. 1976b. Aquifer test, of well adjacent to NW 20-57-02 W5. Unpublished Contract Report.

Tokarsky, O. 1977a. Aquifer test, NE 19-57-02 W5. Unpublished Contract Report.

Tokarsky, O. 1977b. Aquifer test, NE 20-57-2 W5. Unpublished Contract Report.

Tokarsky, O. 1977c. Aquifer tests, NE 20-57-02 W5. Unpublished Contract Report.

Tokarsky, O. 1979a. Aquifer test, NE 09-57-03 W5. Unpublished Contract Report.

Tokarsky, O. 1979b. Aquifer test, SW 15-57-01 W5. Unpublished Contract Report.

Tokarsky, O. 1979c. Aquifer test, SW 23-59-05 W5. Unpublished Contract Report.

Tokarsky, O. 1981a. Pumping test, SE 05-58-07 W5. Unpublished Contract Report.

Tokarsky, O. 1981b. Aquifer test, NW 14-58-03 W5 (Peanut Lake). Unpublished Contract Report.

Tokarsky, O. 1982. Aquifer tests, 12-20-56-01 W5. Unpublished Contract Report.

Winner, G. and O. Tokarsky. Aquifer test, SE 16-59-2 W5 (hamlet of Manola). Unpublished Contract Report.

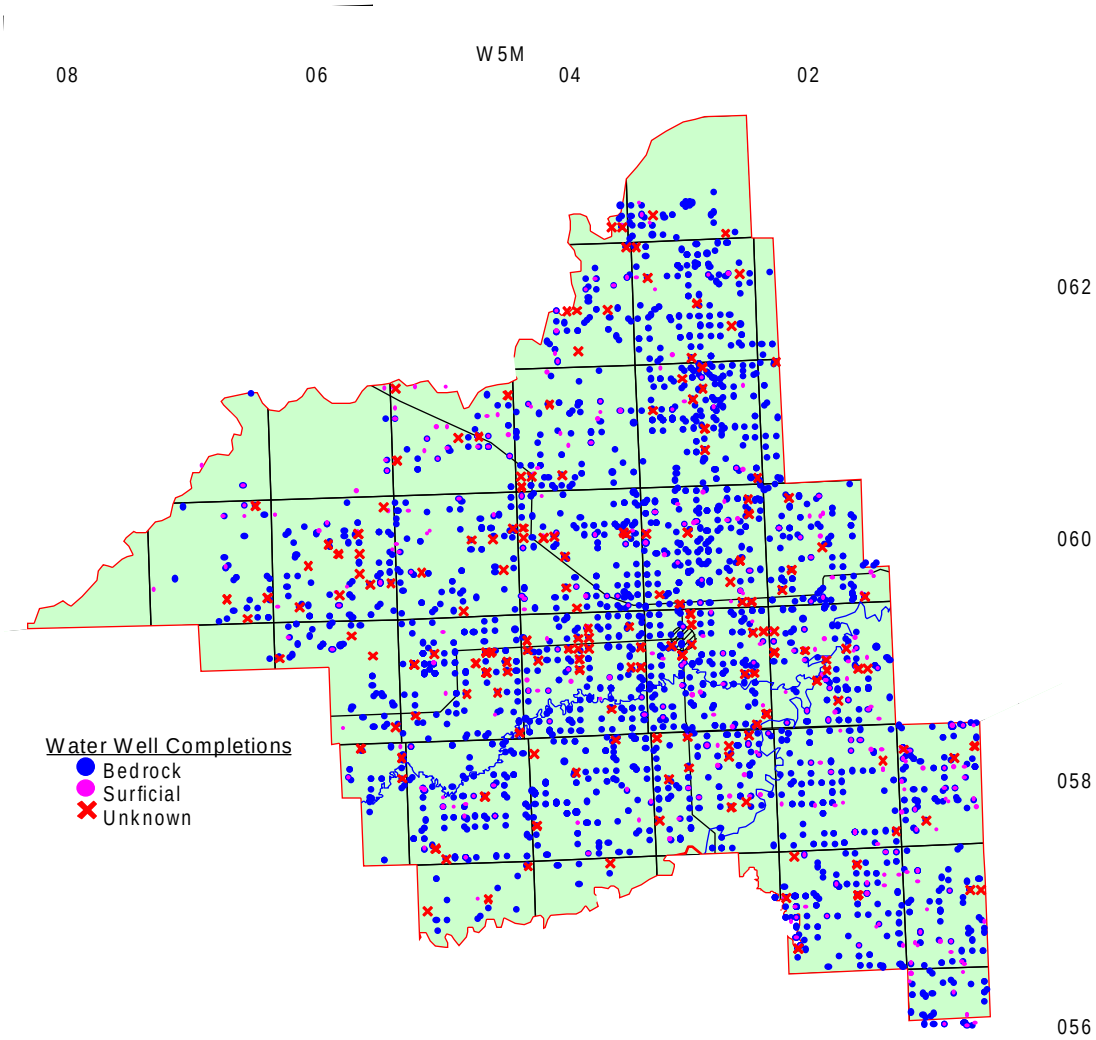
Wynnyk A., J. D. Lindsay and W. Odynsky. 1969. Soil Survey of the Whitecourt and Barrhead Area, Alberta. Research Council of Alberta Report No. 90.

Yoon, T. N. Paddle River project area, geology and groundwater. Alberta Department of Environment, Environmental Protection Services, Earth Sciences & Licensing Division, Groundwater Development Branch. 01-059-08 W5; 22-058-07 W5; 23-057-08 W5.

APPENDIX A

COUNTY OF BARRHEAD NO. 11

WATER WELL RELATED RECORDS



Water Wells From Groundwater Database

Completed in a Bedrock Aquifer

Legal Location W5M	AEP Number	hc Number	Ground Elevation (m) AMSL	Completed Depth (m)	NPWL (m)	Bedrock Surface Elevation (m) AMSL	Total Thickness Sand / Gravel Below 15 (m)	Apparent Trans-missivity (m^2/day)	TDS (mg/L)
NE 19-056-01	385452	00003	715	18.3	8.53	713.1			
13 19-056-01	385446	00002	711	61.9	7.62	706.1		5.1	765
13 19-056-01	385446	00002	711	61.9	7.62	706.1		5.1	694
09 19-056-01	385449	00001	716	21.9	12.19	712.0			
SE 19-056-01	385444	00004	724	45.7	7.01	720.3			
SE 20-056-01	385456	00009	713	24.4	18.59	706.1			620
SE 20-056-01	385464	00010	722	85.3	15.24				930
SE 20-056-01	385464	00010	722	85.3	15.24				1146
SE 20-056-01	385464	00010	722	85.3	15.24				1150
NW 20-056-01	385467	00008	713	101.2	27.43	704.7		0.1	
12 20-056-01	385472	00005	716	14.9	3.66	708.3			566
SW 20-056-01	363010	00012	719	24.4	11.58	714.2		1.1	
SE 21-056-01	385485	00022	714	28.0	9.75				424
SE 21-056-01	385494	00020	715	11.6	6.10	707.3			
SE 21-056-01	385492	00019	715	9.4	1.83	710.0			
SE 21-056-01	385491	00021	715	20.1					
01 21-056-01	385486	00014	703	20.7	6.10	691.6			545
SE 21-056-01	385489	00023	715	304.8					468
04 22-056-01	385500	00024	716	43.6	19.81	684.3		4.5	986
04 22-056-01	385500	00024	716	43.6	19.81	684.3		4.5	1247
SE 27-056-01	364830	00033	713	33.5					
NE 27-056-01	385531	00031	714	42.7		696.1			
NE 27-056-01	385533	00030	714	73.2	9.75	697.0		0.1	
16 27-056-01	385557	00027	713	24.7	7.62	691.0			
NW 28-056-01	385559	00034	715	36.6	3.05	695.2			
NW 29-056-01	385561	00038	710	18.3	1.83	694.6			
NE 30-056-01	385572	00040	700	96.0	12.19	690.9		0.1	
NW 30-056-01	385563	00041	703	37.5	12.19	694.9			
NW 30-056-01	385566	00042	697	30.5	15.24				1042
09 30-056-01	385568	00039	701	59.4	1.52	691.6			934
SW 31-056-01	385580	00047	698	73.5	7.92	659.6	23.4	0.3	
SE 32-056-01	385592	00054	708	28.0	27.13				570
SE 32-056-01	385592	00054	708	28.0	27.13				
NW 32-056-01	385600	00052	707	25.0	12.19				668
NW 32-056-01	385600	00052	707	25.0	12.19				1091
13 32-056-01	385606	00051	711	73.2	15.24	703.8		1.9	1991
05 33-056-01	385607	00055	713	106.7	25.91	670.5	45.7	0.2	2464
SW 33-056-01	350806	00060	718	21.9	6.10	701.4			
SE 34-056-01	385609	00064	716	30.5	12.19				1029
SE 34-056-01	385611	00063	716	41.2	23.16	711.4	3.1		
04 34-056-01	385612	00061	721	48.8	6.71	704.7			2256
NW 03-057-01	385583	00069	730	57.9	6.10				904
NE 03-057-01	385590	00067	710	50.6	3.66	691.9			828
NE 03-057-01	385596	00068	726	48.8					823
NE 03-057-01	385590	00067	710	50.6	3.66	691.9			917

Water Wells From Groundwater Database

Completed in a Bedrock Aquifer

Legal Location W5M	AEP Number	hc Number	Ground Elevation (m) AMSL	Completed Depth (m)	NPWL (m)	Bedrock Surface Elevation (m) AMSL	Total Thickness Sand / Gravel Below 15 (m)	Apparent Trans-missivity (m^2/day)	TDS (mg/L)
NE 03-057-01	385590	00067	710	50.6	3.66	691.9			809
SE 04-057-01	385599	00075	731	91.4	39.62	702.5		0.1	
SW 04-057-01	385605	00076	723	32.3	19.81				1048
NE 04-057-01	385627	00071	732	91.4	21.33	722.6		3.0	
SE 05-057-01	385633	00078	719	30.5	4.57	708.6		12.6	
SE 05-057-01	385640	00077	716	54.9					
SW 06-057-01	385645	00083	709	128.0	18.29	699.9		0.1	
01 06-057-01	385641	00079	716	73.2	27.43	713.2		0.1	
NE 07-057-01	385660	00088	696	54.9					1205
NE 07-057-01	385658	00085	696	53.3					1216
NE 07-057-01	385657	00087	696	35.1	9.14				1126
SE 07-057-01	385650	00090	713	42.7	6.10	682.7			1016
SE 07-057-01	385651	00089	703	51.8					1061
07 08-057-01	376646	00092	703	13.7	2.74	695.8			
SW 09-057-01	360210	00100	717	15.5	2.74	707.4			
SW 10-057-01	385753	00108	731	82.3	21.33	702.5		1.4	
13 10-057-01	385755	00105	728	60.0	22.86	704.1			945
12 10-057-01	385756	00104	731	73.2	22.86	712.5			
09 10-057-01	385759	00102	731	91.4	1.83	725.4			871
16 10-057-01	385763	00106	722	20.4	9.14	714.3			1285
07 15-057-01	385773	00110	716	99.1	36.57	694.0			
SE 15-057-01	385772	00111	722	722.3	17.37				1170
SE 17-057-01	385774	00118	701	36.6	13.72				1151
SE 17-057-01	385774	00118	701	36.6	13.72				1534
NE 17-057-01	385778	00116	713	45.7	18.29	697.5			
NE 17-057-01	385777	00117	719	68.6	16.76	702.5			1086
NE 17-057-01	385776	00115	717	36.6	8.53				1097
NW 18-057-01	366673	00122	682	32.0	1.22	669.3			
NW 18-057-01	385783	00121	682	21.0	2.13	664.1			
06 19-057-01	385784	00123	687	68.6	3.66	681.3			
SW 19-057-01	385785	00126	681	24.4					
SW 19-057-01	385786	00125	681	51.8	5.79	665.7		4.2	
SE 20-057-01	385789	00131	716	32.0	3.05	710.2			
SW 20-057-01	385790	00133	707	68.6	18.29	681.1		3.2	
SE 20-057-01	385788	00130	716	32.0	3.05	710.2			1460
NE 20-057-01	379746	00129	697	51.8	10.36	676.1			
16 20-057-01	385793	00128	701	34.8	0.30	701.0		7.8	
08 21-057-01	371094	00135	708	22.9	3.05	699.2		58.1	
01 21-057-01	385796	00134	725	68.6	2.44	719.0		8.4	
NW 21-057-01	385800	00139	696	61.0	15.24	675.1		2.9	
NW 22-057-01	385804	00147	700	89.3	39.01	613.1			2212
NW 22-057-01	385806	00146	704	24.4	18.29				1342
NW 22-057-01	385810	00144	700	45.7					1654
NW 22-057-01	385811	00143	700	30.5					1662
SE 27-057-01	385956	00150	696	27.4					1306

Water Wells From Groundwater Database

Completed in a Bedrock Aquifer

Legal Location W5M	AEP Number	hc Number	Ground Elevation (m) AMSL	Completed Depth (m)	NPWL (m)	Bedrock Surface Elevation (m) AMSL	Total Thickness Sand / Gravel Below 15 (m)	Apparent Trans-missivity (m^2/day)	TDS (mg/L)
04 27-057-01	385957	00149	697	36.6	14.02	667.8		4.2	
SE 27-057-01	385955	00151	686	36.6	15.24				1356
SW 28-057-01	357034	00154	692	20.7	0.03	686.8			
NW 28-057-01	385931	00152	693	48.8	16.76	682.1			
08 29-057-01	385964	00161	686	27.7	17.37	664.4		2.2	
NE 30-057-01	386000	00167	682	64.0	18.29	666.4			
13 30-057-01	385992	00162	665	36.6	1.49	631.8		1.5	
NE 30-057-01	385993	00168	689	47.6	33.53				1159
NE 30-057-01	385993	00168	689	47.6	33.53				1288
NE 30-057-01	385995	00164	682	61.0	16.76	652.7			1026
NE 30-057-01	385995	00164	682	61.0	16.76	652.7			842
NE 30-057-01	385996	00169	704	57.9	7.62	679.7			1333
NE 30-057-01	385998	00163	682	64.0	17.68	638.9			
NW 31-057-01	386004	00172	664	22.3					1492
NE 33-057-01	386010	00175	701	14.6	5.49	701.0			
16 33-057-01	386007	00174	701	16.8	9.75	692.2			815
SE 01-057-02	385705	00178	706	41.2					
01 01-057-02	385704	00176	701	57.9		691.9			
SE 01-057-02	385703	00177	706	30.8	7.62	696.4			937
NW 02-057-02	381432	00181	699	48.8	12.19				
NW 02-057-02	385709	00182	692	12.2	7.62				1398
SW 02-057-02	385708	00184	687	36.0	12.19	664.4			
01 02-057-02	385706	00180	701	35.1	4.57	697.4		154.8	560
SE 02-057-02	350942	00183	701	50.3	10.67	694.7		37.7	
01 02-057-02	385707	00179	695	31.4	3.35	687.3		4.9	694
NE 03-057-02	369791	00185	699	42.7	10.06	685.9		2.7	
NE 03-057-02	385711	00186	699	42.7					701
NE 03-057-02	385711	00186	699	42.7					724
SE 03-057-02	381433	00187	696	36.6	12.19	682.3			
SE 03-057-02	385710	00188	696	36.6	12.19	671.6	1.5		
SW 04-057-02	385712	00190	697	48.8	15.24	668.3			1482
NE 04-057-02	385713	00189	684	37.5	1.22	675.1			
NE 06-057-02	385714	00191	693	65.2	7.62	658.9	11.3	33.3	1696
NE 07-057-02	352020	00198	669	43.6	5.18	655.8		2.7	
SE 07-057-02	352914	00210	677	25.9	9.14	659.7		20.4	
SE 07-057-02	385716	00208	677	62.5		626.2	27.4		
08 07-057-02	385719	00195	678	73.2	2.44	614.2			
SE 07-057-02	385721	00206	677	76.2					779
SE 07-057-02	385723	00209	677	40.5					
08 07-057-02	385791	00192	672	53.3	1.37	657.5			720
08 07-057-02	385795	00194	672	50.3					847
NE 07-057-02	385856	00201	669	42.7	6.10	658.5			
16 07-057-02	385859	00196	671	44.2					
NE 07-057-02	385862	00200	669	31.7	4.27				781
NE 07-057-02	359746	00197	669	48.8	12.19	662.8		1.2	

Water Wells From Groundwater Database

Completed in a Bedrock Aquifer

Legal Location W5M	AEP Number	hc Number	Ground Elevation (m) AMSL	Completed Depth (m)	NPWL (m)	Bedrock Surface Elevation (m) AMSL	Total Thickness Sand / Gravel Below 15 (m)	Apparent Trans-missivity (m^2/day)	TDS (mg/L)
04 08-057-02	385867	00211	671	64.0	7.62	638.5		1.8	1170
12 08-057-02	385871	00212	667	42.7		643.1			
NE 08-057-02	385873	00213	671	43.0	7.31	665.7			
SE 10-057-02	385891	00216	697	32.0	1.52	685.4			
NW 10-057-02	385892	00214	691	39.6	0.61	674.5		9.9	
SE 12-057-02	351826	00226	693	76.2	24.38	672.6		0.1	
NE 12-057-02	385900	00225	692	33.5					749
12 12-057-02	371095	00218	687	41.2	6.10	670.0		1.6	
NW 13-057-02	385909	00244	671	25.9					
NE 13-057-02	364193	00243	668	24.4	0.49	658.9		46.4	
SE 13-057-02	385901	00245	671	91.4		623.2		0.1	
SE 14-057-02	364175	00249	681	33.5	7.01	668.7		3.0	
NW 14-057-02	385921	00247	689	77.7	11.28	679.7		0.1	668
NE 15-057-02	379745	00250	695	48.8	13.41	689.0			
NW 16-057-02	385922	00257	685	12.2	2.44				762
NE 16-057-02	385923	00255	686	83.8	6.71	670.5			
NE 16-057-02	385924	00254	696	38.1					
SW 17-057-02	385928	00263	686	41.2	19.81	660.1			1045
NW 17-057-02	385930	00260	686	19.2	5.49	679.9		14.6	
SE 17-057-02	385926	00262	691	12.2	6.10				732
SE 17-057-02	385926	00262	691	12.2	6.10				476
SE 17-057-02	385925	00261	691	4.6	0.30				89
NH 18-057-02	385939	00272	658	41.2					1045
NE 18-057-02	385942	00267	671	41.2	3.35	644.9			
NE 18-057-02	385947	00270	669	38.1					848
NE 18-057-02	385943	00268	671	82.3	41.15	653.8			
NE 18-057-02	385947	00270	669	38.1					1067
NE 18-057-02	385949	00265	669	42.7					963
SE 18-057-02	385937	00276	668	61.0	9.14	640.5		43.7	936
NW 18-057-02	366640	00273	665	42.7					
NW 18-057-02	361785	00275	665	42.7					
NE 18-057-02	385948	00269	669	18.3					1052
NE 18-057-02	369653	00266	669	30.5	2.44	651.4		0.1	918
NW 18-057-02	376758	00274	665	17.7	4.88	658.2	1.2	68.5	
SE 18-057-02	355956	00277	668	36.6	4.57	657.2		3.7	
SE 19-057-02	385985	00306	686	18.3	6.10	678.1		42.6	
SE 19-057-02	385986	00298	686	61.0					
NW 19-057-02	386093	00288	686	33.5	6.10	668.6		0.1	
SE 19-057-02	385981	00300	686	61.9	6.10	671.1			
NW 19-057-02	385991	00289	686	27.4	4.57	671.4			
NW 19-057-02	385988	00293	683	27.4	3.05				869
NW 19-057-02	385990	00294	677	24.4	3.66				880
NW 19-057-02	385990	00294	677	24.4	3.66				1018
SE 19-057-02	385979	00309	686	36.6	3.96	679.6			
SW 19-057-02	385987	00317	671	41.2	6.10	652.2			

Water Wells From Groundwater Database

Completed in a Bedrock Aquifer

Legal Location W5M	AEP Number	hc Number	Ground Elevation (m) AMSL	Completed Depth (m)	NPWL (m)	Bedrock Surface Elevation (m) AMSL	Total Thickness Sand / Gravel Below 15 (m)	Apparent Trans-missivity (m^2/day)	TDS (mg/L)
SE 19-057-02	385977	00316	686	30.5	6.10	680.2			
NW 19-057-02	386092	00292	686	22.3	2.13	673.2		1.8	
NE 19-057-02	386096	00282	674	54.9	15.88	666.0		2.3	
SE 19-057-02	351782	00303	686	36.6	7.31	664.4		3.2	
NE 19-057-02	386112	00281	674	54.9	15.24	670.5		4.3	834
NE 19-057-02	386115	00280	674	51.8	15.24				1390
NE 19-057-02	386115	00280	674	51.8	15.24				1527
NE 19-057-02	386117	00284	687	53.3	21.33	679.6		8.8	
NE 19-057-02	386120	00285	687	91.4					840
NE 19-057-02	386122	00286	687	61.0	17.68	668.9		0.8	
NW 19-057-02	386090	00295	686	30.5	6.10	666.2		4.2	
NE 19-057-02	363757	00283	687	42.7					
SE 19-057-02	385974	00308	686	30.5	3.35	680.2		28.1	
NE 19-057-02	386115	00280	674	51.8	15.24				890
NW 19-057-02	376867	00287	686	36.6	9.14	660.1		5.1	
SE 19-057-02	369782	00315	686	41.2	1.83	679.6			
SE 19-057-02	366886	00297	686	54.9	6.10	676.6		2.1	
SE 19-057-02	366179	00299	686	50.3	9.14	676.6		2.0	
SE 19-057-02	366048	00307	686	38.1					
NE 19-057-02	361789	00279	687	54.9					
NW 19-057-02	361788	00291	686	30.5					
SE 19-057-02	385952	00312	674	61.0	3.96	667.5		3.1	
SE 19-057-02	385958	00310	674	54.9	12.19	670.5		0.1	
SE 19-057-02	385960	00311	673	27.4	4.88	666.6		1.4	
SE 19-057-02	385962	00313	671	37.5	3.05	651.3			
SE 19-057-02	385969	00301	677	54.9	6.10	655.3		1.4	1354
SE 19-057-02	385971	00304	686	24.4					943
SE 19-057-02	385972	00305	686	30.5					643
SE 19-057-02	385973	00314	686	55.5					1021
NE 20-057-02	386201	00320	675	45.7					
NW 20-057-02	386178	00325	674	68.6		672.1			922
NW 20-057-02	386173	00326	671	51.8	15.24	664.4		0.1	
NE 20-057-02	386192	00321	678	51.8	15.24	652.5			937
NW 20-057-02	386183	00324	686	61.0	9.14	674.8		0.1	
NE 20-057-02	386197	00322	675	55.8	9.14	655.5			
SE 20-057-02	386146	00331	689	54.9	16.46	673.4		1.0	
SE 20-057-02	386142	00328	689	61.0	21.33	674.4		2.6	
SE 20-057-02	386134	00332	689	50.3	14.02	677.1		1.0	
09 20-057-02	386188	00318	671	54.9	11.37	665.0		4.5	
15 20-057-02	365521	00319	675	54.9	16.76	665.6		7.4	
NW 20-057-02	386166	00327	677	51.8	13.11				1436
SE 22-057-02	386204	00338	696	11.6					767
SE 22-057-02	386205	00339	696	57.9	11.28	668.6			
NE 22-057-02	386219	00337	686	36.6	12.19				480
NE 22-057-02	386220	00336	695	39.6	3.72	673.7			

Water Wells From Groundwater Database

Completed in a Bedrock Aquifer

Legal Location W5M	AEP Number	hc Number	Ground Elevation (m) AMSL	Completed Depth (m)	NPWL (m)	Bedrock Surface Elevation (m) AMSL	Total Thickness Sand / Gravel Below 15 (m)	Apparent Trans-missivity (m^2/day)	TDS (mg/L)
NW 23-057-02	386281	00340	684	44.2	7.31	669.6		56.8	762
NW 23-057-02	386285	00343	686	38.1	18.29				710
NW 23-057-02	386282	00345	692	67.1					763
SE 23-057-02	386279	00347	685	48.8					828
NW 23-057-02	389758	00342	686	27.4					
NW 23-057-02	386280	00344	692	85.3					
NW 23-057-02	386284	00341	686	18.3	12.19				812
01 24-057-02	386286	00348	668	24.4	12.19	655.8	2.1		
NE 24-057-02	386287	00351	667	36.6	7.31	647.2			
NE 24-057-02	386289	00350	667	36.6	9.14	647.2			
SE 26-057-02	386319	00362	689	41.2	9.14	650.4			
SW 26-057-02	350809	00365	694	61.0	10.67	676.3		0.1	
NE 26-057-02	386324	00360	701	54.9	22.55	684.3			
NW 26-057-02	386323	00361	686	25.6	12.19				
NE 26-057-02	386325	00359	701	29.9	10.67	683.0			1611
NW 26-057-02	386323	00361	686	25.6	12.19				1253
SW 27-057-02	357036	00369	692	24.4	6.10	687.8		0.1	
SW 27-057-02	386327	00370	686	36.6	18.29				92
NE 27-057-02	386328	00367	694	37.5	14.32	683.6		15.7	
SE 27-057-02	386326	00368	696	39.6					1020
01 28-057-02	386329	00372	688	41.2	5.49	677.3		3.7	
01 28-057-02	386330	00371	688	39.6		680.7			
SE 28-057-02	366860	00377	684	45.7	21.94	677.6			
12 28-057-02	366887	00373	670	32.0	9.14	660.9		27.7	
SE 28-057-02	386333	00376	684	30.5	1.22	665.4			
13 28-057-02	386336	00374	677	30.5	12.19	658.3			
NE 28-057-02	362132	00375	680	18.3	1.46	673.9			
SW 30-057-02	386338	00379	686	36.6	12.19	675.3		33.3	
08 32-057-02	386414	00385	671	41.2	12.50	658.8		17.4	1172
08 32-057-02	386414	00385	671	41.2	12.50	658.8		17.4	1128
01 32-057-02	386413	00383	673	61.9	30.48	630.0			
NW 32-057-02	386420	00389	660	39.6	9.75				1135
NW 34-057-02	352487	00392	692	67.1	18.59	689.2		0.1	
NE 34-057-02	351243	00391	694	60.4	10.67	676.3		1.8	
SE 34-057-02	386430	00394	686	80.2		675.7			
SW 35-057-02	386435	00395	694	73.2	10.67	681.8		0.1	
SE 36-057-02	356246	00402	669	42.7	7.31	642.0			
SW 36-057-02	386439	00404	701	56.1	22.86	687.3		1.3	
NE 36-057-02	386445	00398	667	54.9		650.1			
NE 36-057-02	386443	00399	667	19.8	6.10	660.9			
SE 36-057-02	366680	00403	669	85.3	6.49	642.0		0.8	
NW 36-057-02	386440	00401	677	48.8	18.90	664.8		7.9	
NE 24-057-03	364647	00408	667	36.6					
NE 24-057-03	351550	00409	667	36.6	3.05	660.7		35.1	
NE 24-057-03	366520	00406	667	54.9					

Water Wells From Groundwater Database

Completed in a Bedrock Aquifer

Legal Location W5M	AEP Number	hc Number	Ground Elevation (m) AMSL	Completed Depth (m)	NPWL (m)	Bedrock Surface Elevation (m) AMSL	Total Thickness Sand / Gravel Below 15 (m)	Apparent Trans-missivity (m^2/day)	TDS (mg/L)
NE 24-057-03	368848	00407	667	36.6	2.74	660.4		4.3	
NE 24-057-03	390706	00405	671	19.8	5.49				
NW 28-057-04	354087	00431	652	41.2	3.66	649.2			
NW 32-057-04	367668	00438	654	30.5					
NW 32-057-04	363758	00437	654	21.3					
NW 33-057-04	389430	00439	658	36.6	9.14	643.1			
SE 34-057-04	366109	00444	648	76.2	22.86	623.6		6.4	
NW 17-057-05	369229	00462	671	48.8	18.29	653.9		7.6	
SE 20-057-05	351246	00466	682	128.0	22.25	655.2		0.1	
SW 20-057-05	357814	00467	680	46.9	18.90	664.3	0.9	8.9	
SW 22-057-05	351247	00472	674	42.7	21.64	649.0		18.6	
06 22-057-05	376868	00469	673	79.2	12.19	649.2		5.8	
NE 22-057-05	354088	00471	654	33.5	12.19	635.2		6.9	
12 24-057-05	357890	00475	655	53.3	16.46	636.7		1.3	
NW 26-057-05	368993	00479	662	36.6	7.62	650.4		7.3	
SE 29-057-05	357037	00488	680	79.2					
SW 32-057-05	366916	00491	677	121.9	27.43	629.3		0.1	
NE 36-057-05	361123	00494	663	79.2	13.72	631.6		0.1	
SW 36-057-05	365522	00495	674	42.7	12.19	652.9		2.2	
15 06-058-01	380087	00497	694	27.7	13.72	675.1		14.3	
NE 06-058-01	380084	00500	695	49.1	6.10	676.6		2.3	
15 06-058-01	380085	00498	694	77.7	9.14	669.3	4.6	29.7	944
NE 07-058-01	382022	00503	683	36.6	18.29	674.9		4.1	
NW 07-058-01	380092	00506	675	41.2	10.67	664.5		5.7	642
SW 07-058-01	380089	00507	671	36.6	15.24	661.4		4.0	
16 07-058-01	382038	00502	693	25.9	9.14	677.9			
SW 08-058-01	382044	00509	686	106.7	16.76	650.0			
NW 10-058-01	382054	00511	706	25.9	13.72				730
NW 10-058-01	382054	00511	706	25.9	13.72				652
02 15-058-01	382088	00513	713	29.0	12.19				
04 16-058-01	382106	00517	705	48.8	22.86	695.3		0.1	
01 16-058-01	382098	00515	701	18.6	9.75	693.1		10.7	
NW 16-058-01	382114	00523	700	36.6					957
NE 16-058-01	382116	00519	702	36.6	12.19	674.5			
SE 16-058-01	351255	00524	703	64.0	21.03	675.6			
12 16-058-01	383891	00518	704	30.5	10.06	691.9			1417
SE 17-058-01	357235	00530	700	61.0	14.63	687.4		0.1	
SE 17-058-01	374069	00529	700	54.9	9.51	696.6			
SE 17-058-01	382123	00528	699	32.9	15.85				966
SE 17-058-01	382123	00528	699	32.9	15.85				1040
01 17-058-01	376870	00526	702	61.0	15.24	696.6		1.0	
NW 17-058-01	351586	00527	699	73.2	9.14	686.8		1.3	
SW 18-058-01	369958	00542	697	45.7					
NE 18-058-01	369783	00534	699	17.1	4.57	694.4			
SE 18-058-01	381343	00541	698	109.7	48.77	676.7		0.1	

Water Wells From Groundwater Database

Completed in a Bedrock Aquifer

Legal Location W5M	AEP Number	hc Number	Ground Elevation (m) AMSL	Completed Depth (m)	NPWL (m)	Bedrock Surface Elevation (m) AMSL	Total Thickness Sand / Gravel Below 15 (m)	Apparent Trans-missivity (m^2/day)	TDS (mg/L)
SE 18-058-01	382143	00537	698	20.7	10.67	686.4			
SW 18-058-01	383892	00543	697	67.7	44.80	671.4			
01 18-058-01	382129	00532	697	44.2	12.19	673.0			
14 19-058-01	382156	00546	686	25.0	9.14	671.1			985
SW 19-058-01	381218	00548	689	39.6	18.29				
NW 19-058-01	382158	00547	687	57.9	21.94	647.7			
NE 20-058-01	382160	00550	689	12.8	3.66				1016
NE 20-058-01	382160	00550	689	12.8	3.66				924
NE 20-058-01	372308	00549	699	36.6	16.76	693.2			
NW 21-058-01	382166	00557	675	62.5	16.15	667.5			1110
NW 21-058-01	382164	00556	671	18.3	4.57	661.4			
SW 21-058-01	382161	00558	689	16.2	7.62				1059
SW 21-058-01	365806	00559	692	91.4	18.29	676.6		0.1	
NE 22-058-01	382192	00564	698	36.6	9.14				2194
NE 22-058-01	350814	00561	700	32.6	18.90	679.3			
NE 22-058-01	382196	00563	700	34.1	9.14	683.5		3.0	
NE 22-058-01	382192	00564	698	36.6	9.14				788
SW 22-058-01	382169	00569	704	76.2	7.28	654.9		4.5	
NE 22-058-01	382191	00566	701	91.4	15.24	669.0			
14 22-058-01	382189	00560	680	54.9	18.29	655.3			1155
NE 22-058-01	382190	00565	704	38.1	22.86	676.6			
02 27-058-01	382213	00570	698	30.5	13.72	678.8		16.0	
02 28-058-01	382219	00573	673	6.1	4.88				
02 28-058-01	382218	00574	667	35.1	3.66				
SE 28-058-01	382215	00577	677	68.6	3.05	669.3			
SW 28-058-01	382220	00578	698	24.4					
04 29-058-01	382226	00579	699	41.2	18.29	692.9		10.9	1257
07 30-058-01	382231	00585	699	16.8	3.66	688.8			
06 30-058-01	382246	00584	698	39.6	6.10				1396
10 30-058-01	382268	00586	701	39.6	1.22	670.5		1.3	
SW 30-058-01	382248	00598	699	33.5	3.99	680.7		46.7	
NW 30-058-01	382260	00588	701	30.5	7.62	688.8		1.4	1037
SE 30-058-01	361212	00595	699	24.4	15.24	696.0			
NW 30-058-01	382259	00590	701	51.8	30.48				1249
SE 30-058-01	353100	00596	699	38.1	12.19				
SE 30-058-01	382229	00594	699	22.9	4.57	694.4			
NW 30-058-01	382256	00591	699	61.0		678.2			
13 31-058-01	382281	00599	701	48.8	12.19	679.7		2.8	
NW 31-058-01	382278	00600	701	35.1	7.62	691.9		0.6	
NE 32-058-01	354090	00602	701	15.2					865
15 33-058-01	382348	00603	674	14.6	12.19				662
NE 33-058-01	382341	00608	688	70.1	25.91	677.4		0.1	
NE 33-058-01	382337	00607	688	54.9	26.82	669.5		12.1	
SW 33-058-01	382284	00610	671	37.5	1.52	659.3			931
SE 33-058-01	383896	00609	666	27.4	7.28	641.6		42.7	1136

Water Wells From Groundwater Database

Completed in a Bedrock Aquifer

Legal Location W5M	AEP Number	hc Number	Ground Elevation (m) AMSL	Completed Depth (m)	NPWL (m)	Bedrock Surface Elevation (m) AMSL	Total Thickness Sand / Gravel Below 15 (m)	Apparent Trans-missivity (m^2/day)	TDS (mg/L)
SW 33-058-01	382286	00612	686	41.2					1166
NE 33-058-01	382345	00606	688	21.3	14.63	677.4		11.9	
NW 34-058-01	382360	00622	678	27.4					1155
15 34-058-01	382367	00616	655	128.0	60.96	623.3		2.3	
16 34-058-01	382365	00617	655	45.7	12.19	627.9		5.1	
NW 34-058-01	382357	00620	663	36.6					730
01 34-058-01	382350	00613	687	32.0	9.14	674.3			1170
01 34-058-01	382350	00613	687	32.0	9.14	674.3			1136
15 34-058-01	382370	00615	664	22.6	6.10				
13 34-058-01	366259	00614	691	18.3	6.71	682.4		31.4	
NE 01-058-02	380389	00624	671	43.9	19.81	646.6		3.9	
NW 01-058-02	380386	00625	661	27.4	3.66	651.7			
SE 01-058-02	383897	00626	665	32.0	6.10	640.8		13.4	1350
NE 02-058-02	380400	00628	661	57.9	6.40	627.9		3.9	966
NW 02-058-02	380398	00629	671	39.6	1.83				1040
SE 02-058-02	380393	00630	671	54.9	18.29	641.4		3.1	
NE 03-058-02	380427	00635	678	54.9	28.95	641.2		6.3	
NE 03-058-02	380420	00639	678	61.0					1178
NE 03-058-02	380417	00640	678	103.6	30.48	654.0			
NE 03-058-02	380416	00642	678	82.9					1169
NE 03-058-02	380414	00632	678	80.8	38.10				1137
NE 03-058-02	380412	00633	678	53.3	38.10				1354
SW 03-058-02	380404	00645	693	75.9	30.48	671.7		8.1	
SW 03-058-02	366660	00643	693	94.5	18.29	679.3			
SW 03-058-02	357050	00644	693	30.5					
SW 04-058-02	380430	00651	680	45.7	11.58	649.7			13
SE 04-058-02	380429	00650	687	30.5					
SW 04-058-02	380430	00651	680	45.7	11.58	649.7			918
NE 04-058-02	380433	00648	689	97.5	24.69	659.7		0.1	1234
NE 04-058-02	380432	00647	689	91.4	24.08	659.1		0.1	1181
SE 05-058-02	354617	00653	668	51.8	25.91				
SE 05-058-02	380434	00654	668	43.3	9.14	631.6		0.1	1091
NW 05-058-02	380435	00652	663	41.2	3.66	642.3			
SE 06-058-02	380436	00659	656	38.1	5.49				1066
NW 06-058-02	380438	00657	648	41.2	4.88	626.1			
NW 06-058-02	380439	00658	648	45.7	6.10				1136
SW 08-058-02	360276	00660	671	27.4	3.96	670.1		12.5	
NW 09-058-02	380442	00662	677	42.7	36.57				1199
NW 09-058-02	380443	00661	677	24.4	6.10	654.6		1.6	1242
NW 09-058-02	380441	00663	677	76.2	27.43				1138
NE 12-058-02	380444	00664	671	54.9	36.88	661.2		15.5	
NW 13-058-02	380445	00665	669	44.2	36.57				1320
NW 15-058-02	380447	00666	670	50.3	20.12	636.7			
SE 16-058-02	361797	00673	672	54.9					
SW 16-058-02	363012	00677	671	61.0	9.14	653.3		7.5	

Water Wells From Groundwater Database

Completed in a Bedrock Aquifer

Legal Location W5M	AEP Number	hc Number	Ground Elevation (m) AMSL	Completed Depth (m)	NPWL (m)	Bedrock Surface Elevation (m) AMSL	Total Thickness Sand / Gravel Below 15 (m)	Apparent Trans-missivity (m^2/day)	TDS (mg/L)
SE 16-058-02	364865	00672	678	79.2					1005
NE 16-058-02	380453	00669	665	54.9					1207
SW 16-058-02	380450	00674	671	54.9		645.1			1370
NE 16-058-02	380454	00670	665	73.2	53.34				1424
SW 16-058-02	380451	00676	671	48.8					1320
SE 16-058-02	380448	00671	672	61.0					673
SE 16-058-02	380448	00671	672	61.0					829
SW 16-058-02	380452	00675	671	39.0	4.57	642.1	1.5		
NW 17-058-02	357051	00679	682	73.2					
SE 17-058-02	380455	00681	671	37.5		661.9			
SW 17-058-02	380457	00683	671	49.7	4.57	661.9			
NW 17-058-02	380458	00680	682	36.6	18.29	672.4			1008
SW 17-058-02	383900	00682	671	57.9					
NW 18-058-02	376928	00685	669	61.0	21.33	638.6		0.1	
SE 18-058-02	380461	00688	676	94.5	10.36	649.4		1.8	
SE 18-058-02	380459	00687	674	28.4	7.62				1040
SE 18-058-02	380459	00687	674	28.4	7.62				1152
SE 18-058-02	380460	00686	676	27.4	5.18	651.2			
NE 19-058-02	358458	00691	645	77.7	4.57	620.4			
NW 19-058-02	366674	00692	635	74.1	9.75	631.9			
08 19-058-02	380466	00690	655	48.8					
SE 19-058-02	380463	00694	664	32.0	9.14	638.8			
SE 19-058-02	380465	00693	664	51.2	25.91	633.3		5.0	
SE 19-058-02	380464	00695	664	36.6	15.24	632.4		17.3	
SW 20-058-02	350815	00699	665	67.1	9.14	618.3		0.1	
SW 20-058-02	380467	00700	665	38.1	18.29	637.5			
NE 20-058-02	380468	00697	654	36.6	3.66	645.5		6.8	
NE 20-058-02	380469	00696	654	36.6	3.66	635.7			
SE 20-058-02	381344	00698	661	42.7	0.76	627.9			
NE 21-058-02	361798	00704	662	95.7					
SE 21-058-02	366675	00705	657	41.2	13.11	636.1			
SW 21-058-02	380535	00707	656	37.8					1420
SW 21-058-02	380535	00707	656	37.8					1334
SW 21-058-02	380536	00706	656	37.5	1.22	645.9		73.8	
NW 22-058-02	350949	00711	657	93.3	15.24	650.1		0.1	
SW 22-058-02	380542	00712	669	46.6	10.67	654.9		6.0	1283
NW 22-058-02	380543	00710	657	100.6	9.14	641.6			
NE 22-058-02	380547	00708	668	13.7	1.52	662.3		18.0	
NW 23-058-02	354091	00715	673	36.6		666.6			
NE 23-058-02	380553	00714	684	68.6	36.57				1130
NE 23-058-02	380553	00714	684	68.6	36.57				961
NE 23-058-02	380553	00714	684	68.6	36.57				
NE 23-058-02	380555	00713	684	45.7	27.43	675.6		2.5	
SE 24-058-02	351260	00727	673	41.2	16.15	660.5		9.6	
SE 24-058-02	380556	00726	673	41.2	18.29	657.5		28.5	1189

Water Wells From Groundwater Database

Completed in a Bedrock Aquifer

Legal Location W5M	AEP Number	hc Number	Ground Elevation (m) AMSL	Completed Depth (m)	NPWL (m)	Bedrock Surface Elevation (m) AMSL	Total Thickness Sand / Gravel Below 15 (m)	Apparent Trans-missivity (m^2/day)	TDS (mg/L)
09 26-058-02	380591	00731	699	27.4	26.21				1664
09 26-058-02	380592	00732	699	85.3					1330
NE 27-058-02	380594	00735	671	68.6	54.86	628.3			
SE 28-058-02	380596	00737	671	71.6	13.72	648.1			
SE 28-058-02	380598	00736	671	74.7	12.19	661.9		0.1	
SW 29-058-02	380606	00745	641	64.0	0.91	601.1			
SE 29-058-02	380603	00743	659	41.2	15.24	635.6			
NE 30-058-02	380611	00746	636	36.6		604.0			1094
NE 31-058-02	361799	00750	638	59.7					
07 31-058-02	380612	00748	607	9.1	6.10				
NE 31-058-02	380624	00752	638	143.3	33.53				5560
NE 31-058-02	380622	00751	638	61.0	48.77				1404
06 31-058-02	380613	00747	607	6.1	4.88				522
14 31-058-02	380618	00749	637	36.6	18.29				
SE 32-058-02	380626	00758	659	73.2	35.05	644.2		5.1	
NE 32-058-02	380633	00755	651	30.5					1317
NE 32-058-02	380631	00754	651	36.6	8.84	632.5		19.9	1302
SE 32-058-02	380630	00756	659	44.2	15.24	628.9		29.3	
SE 32-058-02	380628	00757	659	86.9	22.86	638.1		1.2	
NE 33-058-02	380634	00760	654	42.7	12.19	626.7			
NE 33-058-02	380635	00759	654	37.5	9.14	629.7		4.8	
NE 34-058-02	383902	00761	663	57.6	30.48				1050
SE 34-058-02	380637	00763	683	54.9	30.48				1624
NE 34-058-02	383902	00761	663	57.6	30.48				966
NW 35-058-02	369957	00765	671	48.8		645.9		3.1	
SW 35-058-02	360039	00767	674	55.8	42.06	645.6		4.6	
NE 36-058-02	380640	00768	701	39.6					1425
SE 01-058-03	383186	00769	651	51.2	18.29	612.3		0.1	
SW 03-058-03	380773	00773	668	73.2	13.72	636.4		0.1	
SW 03-058-03	380772	00775	668	76.2					484
NW 03-058-03	380774	00770	647	82.3	9.14	617.5		1.5	1380
SW 03-058-03	380770	00776	668	48.8	12.19				4987
SW 03-058-03	380771	00774	668	36.6	6.10	644.0			
SW 03-058-03	380770	00776	668	48.8	12.19				4685
SE 03-058-03	380766	00772	673	61.0	13.72	641.9	15.8	0.1	1479
NW 03-058-03	380777	00771	647	88.4	10.97	627.0		1.8	
SE 04-058-03	357052	00777	647	61.0					
SE 04-058-03	380778	00778	647	64.0					
NW 05-058-03	361800	00779	642	25.9					
NW 05-058-03	380779	00782	642	32.0					
NW 05-058-03	380780	00780	642	21.3					
NW 05-058-03	380781	00781	642	38.1					
NE 06-058-03	380782	00785	644	29.0	7.62	618.1		0.1	1676
NE 06-058-03	380782	00785	644	29.0	7.62	618.1		0.1	1438
NE 06-058-03	380784	00786	644	25.9					1400

Water Wells From Groundwater Database

Completed in a Bedrock Aquifer

Legal Location W5M	AEP Number	hc Number	Ground Elevation (m) AMSL	Completed Depth (m)	NPWL (m)	Bedrock Surface Elevation (m) AMSL	Total Thickness Sand / Gravel Below 15 (m)	Apparent Trans-missivity (m^2/day)	TDS (mg/L)
NW 07-058-03	380793	00790	648	21.9	5.49	640.2			
SE 07-058-03	380791	00791	644	45.7	6.10	637.9			1561
NE 08-058-03	380796	00795	643	77.7	15.54	624.5		1.2	
NW 08-058-03	380795	00797	642	24.4					1432
SE 08-058-03	383903	00798	642	22.9					1369
SE 08-058-03	383904	00799	646	25.9	8.53	622.4			
SW 10-058-03	380804	00802	640	41.2	15.24	607.1		13.6	1134
SW 13-058-03	380807	00806	638	67.1	7.62	592.4		0.1	1619
NE 13-058-03	380811	00804	654	82.3					1458
NE 13-058-03	380811	00804	654	82.3					1284
NE 13-058-03	380812	00803	654	56.7	15.24	630.6			
NW 14-058-03	380817	00814	656	59.4	27.74	634.8			
NE 14-058-03	380831	00810	639	96.0	4.57	602.2		0.1	
NE 14-058-03	380829	00809	639	109.7	18.29	581.8			1535
NW 14-058-03	380825	00813	656	79.2					1363
NW 14-058-03	380816	00812	656	86.9	22.86	653.1		0.1	
SE 14-058-03	380814	00815	638	25.9	22.86				1011
NW 14-058-03	380827	00811	656	62.5	12.19	633.2			
NW 15-058-03	376871	00819	641	48.8	12.19	635.0		6.3	
SE 15-058-03	354092	00821	652	57.9					1726
SW 15-058-03	380836	00822	640	48.8	19.81	608.0			
NW 15-058-03	380837	00818	641	42.7	15.24	616.7	3.1	13.6	1285
NW 15-058-03	380839	00817	641	36.6					1211
SW 16-058-03	380841	00825	640	32.9	4.27	629.9		10.5	
NW 16-058-03	380842	00824	644	45.7	4.57				
NE 17-058-03	364866	00827	650	25.9	9.13	628.2		29.3	
SE 17-058-03	364055	00828	644	19.8					
SE 17-058-03	380844	00829	644	30.5					
NE 18-058-03	380851	00832	654	32.0	10.97	646.7			1215
NE 18-058-03	380853	00831	654	32.0	4.27	634.8			1343
16 18-058-03	380855	00830	654	13.7					
NW 18-058-03	380848	00833	657	15.2					1558
NW 18-058-03	380849	00834	657	45.7	4.57	654.0		3.8	
NE 18-058-03	380851	00832	654	32.0	10.97	646.7			1165
SW 18-058-03	380846	00835	655	30.5					1170
NE 19-058-03	361802	00839	661	18.3					
09 19-058-03	383906	00836	659	18.3	2.44	654.4		11.2	
SE 19-058-03	380856	00842	656	51.8					1302
SW 19-058-03	380857	00844	660	32.0	4.57	642.7		0.1	
SW 19-058-03	380859	00843	660	24.4	5.49	655.2			1407
NW 19-058-03	380861	00841	662	33.5	4.57	646.8			1060
05 20-058-03	376872	00845	656	61.0	10.97	637.2		1.3	
NE 20-058-03	363531	00855	653	45.7	9.14	632.7		28.1	
NE 20-058-03	380906	00854	653	15.2	4.57				1003
SE 20-058-03	380896	00858	652	46.6	4.57	645.0		6.7	

Water Wells From Groundwater Database

Completed in a Bedrock Aquifer

Legal Location W5M	AEP Number	hc Number	Ground Elevation (m) AMSL	Completed Depth (m)	NPWL (m)	Bedrock Surface Elevation (m) AMSL	Total Thickness Sand / Gravel Below 15 (m)	Apparent Trans-missivity (m^2/day)	TDS (mg/L)
SW 20-058-03	380897	00859	654	38.1	12.19	646.7			
NE 21-058-03	360040	00862	648	37.5	3.66	636.7		16.8	
SW 22-058-03	380912	00864	641	91.4					1607
SW 22-058-03	380911	00863	641	17.1					1071
NE 23-058-03	365542	00866	640	32.0					1138
NE 23-058-03	365542	00866	640	32.0					1556
SW 23-058-03	380913	00868	642	57.9	4.57	636.3			
NE 23-058-03	380916	00865	640	56.4	15.24	615.5			
NW 25-058-03	380917	00872	635	51.8	12.19	607.6			1097
08 26-058-03	380928	00873	637	45.1					
16 26-058-03	380933	00874	637	50.3		612.6			
SW 26-058-03	380930	00878	640	39.6					
SE 26-058-03	380926	00876	636	47.2	13.11	620.8			
SE 26-058-03	380925	00877	636	47.2	12.19				1254
SE 26-058-03	383907	00875	637	41.2	6.10				1230
SE 26-058-03	383907	00875	637	41.2	6.10				1302
SW 26-058-03	380931	00879	640	45.1					
16 27-058-03	365525	00880	640	50.3	18.29	629.3		6.9	
NW 27-058-03	372485	00884	646	54.9	4.27	645.2		0.1	
SW 27-058-03	356247	00887	645	94.5	21.94	602.3		1.4	
NE 27-058-03	380949	00883	641	30.5					1197
NE 27-058-03	380949	00883	641	30.5					1104
SW 27-058-03	380936	00889	645	57.0	14.63	612.4		0.1	
SW 27-058-03	380939	00888	645	13.7					955
NW 27-058-03	380945	00885	646	64.0	7.92	639.7		9.8	
NE 27-058-03	380947	00881	641	31.4					
NW 28-058-03	380950	00891	652	67.1	8.53	618.5		0.1	
SE 29-058-03	359747	00894	654	41.2	13.72	632.7		18.0	
SE 29-058-03	380952	00895	654	36.6	9.14	628.4			1103
SW 30-058-03	351261	00897	667	54.9	9.14	655.3		1.1	
SW 30-058-03	380956	00898	667	36.6	12.19	654.7			1321
NW 30-058-03	380957	00896	669	38.1	15.24	646.5			1998
08 31-058-03	383908	00900	664	36.6	13.72				
SW 31-058-03	380959	00902	671	30.5	12.19	648.5		11.9	
04 31-058-03	380961	00899	671	36.6	15.24				
NE 32-058-03	380965	00903	657	54.9	12.19	646.3		1.3	
13 33-058-03	376873	00906	654	24.4	9.14	634.0		11.9	
SW 33-058-03	380971	00911	652	41.2	12.19	637.2			
NE 33-058-03	380974	00908	650	36.6	10.67				989
SE 33-058-03	380970	00910	649	18.9	4.57	634.7		42.6	
NE 33-058-03	380975	00907	650	61.0	6.71	634.8			
NE 34-058-03	380982	00915	643	36.6	12.19	627.8		0.1	
NE 34-058-03	380984	00914	643	36.6	10.67	619.5			
NW 35-058-03	366110	00923	641	54.9	6.71	617.8		1.1	
NE 35-058-03	361803	00918	639	57.9					

Water Wells From Groundwater Database

Completed in a Bedrock Aquifer

Legal Location W5M	AEP Number	hc Number	Ground Elevation (m) AMSL	Completed Depth (m)	NPWL (m)	Bedrock Surface Elevation (m) AMSL	Total Thickness Sand / Gravel Below 15 (m)	Apparent Trans-missivity (m^2/day)	TDS (mg/L)
NW 35-058-03	365718	00922	640	54.9	12.19	633.9			
SE 35-058-03	380986	00927	638	56.4	12.19	607.5			
NE 35-058-03	380998	00920	639	50.3	10.67	613.1		22.5	
NE 35-058-03	380994	00921	639	36.0	6.10	613.4			1065
SW 35-058-03	380992	00929	641	67.1	7.62	621.2		3.4	
SW 35-058-03	380991	00930	641	50.3					923
SE 35-058-03	380988	00926	638	54.9	5.49	603.0		2.9	
SE 35-058-03	380985	00925	638	51.8	9.14				
SW 35-058-03	380990	00928	641	61.0					1412
NW 36-058-03	350816	00934	634	24.4	7.92	621.6		8.9	
SW 36-058-03	381001	00935	635	44.8	4.57	619.5			
NE 36-058-03	381005	00933	634	70.1	16.76				730
09 36-058-03	381006	00931	635	79.2					
NE 01-058-04	381534	00936	647	64.0	15.24	618.7	2.7	2.6	1176
NE 01-058-04	381534	00936	647	64.0	15.24	618.7	2.7	2.6	1268
SW 02-058-04	381536	00938	650	54.9	7.62	616.4		0.1	
SE 02-058-04	381535	00937	649	67.1	10.67	638.0		0.1	1367
NW 03-058-04	350697	00940	652	24.4	9.14	633.7		1.1	
NW 03-058-04	381543	00941	652	24.4	9.14	633.7		1.1	
NE 03-058-04	381545	00939	671	45.7	15.24	638.5		8.4	
WH 03-058-04	381539	00945	652	50.3					
SW 03-058-04	381538	00944	652	48.8					4455
SE 04-058-04	381547	00948	654	24.4					2192
NW 04-058-04	381548	00946	658	36.6					2536
NW 06-058-04	381552	00949	670	64.9	7.62	644.8		0.1	
SE 06-058-04	381549	00951	666	103.6	12.19	638.2		0.1	
SE 06-058-04	381550	00950	666	51.2	15.24	646.4		1.6	
SW 07-058-04	381553	00954	671	73.2	12.19	637.0		1.1	
NW 07-058-04	381555	00952	671	82.3	36.57	649.2			
NE 09-058-04	359748	00956	663	82.3	18.29	642.7		0.1	
NE 09-058-04	381565	00957	663	82.3	18.29	642.7		0.1	
NE 09-058-04	381564	00955	663	55.8	45.72				5517
SW 09-058-04	381558	00963	660	73.2	13.72				1117
SW 09-058-04	381558	00963	660	73.2	13.72				2359
SW 09-058-04	381559	00961	671	97.5		655.3	3.1		
SW 09-058-04	381560	00962	660	41.2					2769
NW 10-058-04	366661	00965	659	84.4	12.80	651.4			
NW 10-058-04	381566	00964	659	94.5	10.67	642.2		0.1	3868
NW 11-058-04	381567	00966	661	97.5	21.33	621.8		0.6	2754
04 12-058-04	383912	00967	660	50.3	13.72	632.4	12.4	1.2	
SW 12-058-04	383913	00971	660	48.8					1169
SE 12-058-04	381568	00969	648	59.4	10.67	625.1		3.8	1653
SE 12-058-04	381570	00970	655	30.5	12.19				2114
SE 12-058-04	381570	00970	655	30.5	12.19				1876
NW 13-058-04	381573	00975	662	105.2	6.71	637.6		0.1	

Water Wells From Groundwater Database

Completed in a Bedrock Aquifer

Legal Location W5M	AEP Number	hc Number	Ground Elevation (m) AMSL	Completed Depth (m)	NPWL (m)	Bedrock Surface Elevation (m) AMSL	Total Thickness Sand / Gravel Below 15 (m)	Apparent Trans-missivity (m^2/day)	TDS (mg/L)
09 13-058-04	381574	00974	657	91.4	7.01				
SE 14-058-04	381584	00976	652	57.9	12.19	621.2		1.6	2520
SW 16-058-04	360358	00980	669	17.1	6.40	663.8			
NE 16-058-04	381595	00979	668	15.2	2.44	660.7			4324
SW 16-058-04	381589	00983	671	164.6		640.1			
SW 16-058-04	381593	00981	669	17.1	6.40	663.8			
SE 17-058-04	350521	00993	667	71.6	21.33	645.5		2.0	
NE 17-058-04	361805	00985	670	91.4					
NW 17-058-04	361804	00988	671	67.1					
NW 17-058-04	357054	00991	671	38.1					
SE 17-058-04	381599	00995	667	76.2					706
NE 17-058-04	381611	00984	670	86.9	18.29	650.4		0.5	4574
NW 17-058-04	381608	00990	671	38.1					
NW 17-058-04	381610	00987	671	67.1					
NE 17-058-04	381613	00986	670	91.4					
SE 17-058-04	381602	00992	667	33.5					697
SE 17-058-04	381597	00996	667	54.9	13.72				880
NW 17-058-04	381607	00989	655	100.6	12.19	624.8		0.1	
SE 17-058-04	381604	00994	667	71.6	21.33	645.5		2.0	
NE 18-058-04	381618	00999	661	59.4	12.19	647.1			1652
04 18-058-04	381615	00997	664	48.8	9.14	646.1			2231
NW 18-058-04	381616	01000	671	45.7					
NE 18-058-04	381617	00998	671	36.6	9.14				1538
NE 18-058-04	381617	00998	671	36.6	9.14				1422
SW 19-058-04	351262	01010	668	67.1	3.66	662.5		1.3	
05 19-058-04	381627	01001	655	7.3	4.88				
05 19-058-04	381628	01002	655	91.4	30.48				
NE 19-058-04	381629	01004	663	47.2	13.72	638.6			2914
NE 19-058-04	381630	01005	663	70.1	22.86	644.7		6.9	2139
SW 19-058-04	381623	01011	668	39.6					2406
NE 19-058-04	381631	01006	663	30.5					2891
NE 19-058-04	381629	01004	663	47.2	13.72	638.6			3810
SW 19-058-04	381626	01008	655	18.3	12.19				
SW 19-058-04	381624	01012	668	48.8	10.67	640.6		0.1	
SW 19-058-04	381622	01013	664	67.1	2.44	636.4		12.9	
SW 19-058-04	381621	01015	655	100.6	10.06	640.1		0.1	
SW 19-058-04	381620	01009	654	106.7	15.24	636.7		0.9	
SE 19-058-04	381619	01007	658	125.0	12.19	644.6		85.4	
NE 19-058-04	381632	01003	657	36.6	6.10				
SW 19-058-04	381625	01014	668	67.1	3.66	662.5		1.3	
16 21-058-04	381636	01016	658	48.8					
NW 21-058-04	381635	01017	658	48.8	12.19				
NW 21-058-04	381634	01018	651	30.5					3698
SW 22-058-04	381221	01021	669	36.6	6.10	638.4		4.4	
SW 22-058-04	381637	01022	669	59.4	15.24				3990

Water Wells From Groundwater Database

Completed in a Bedrock Aquifer

Legal Location W5M	AEP Number	hc Number	Ground Elevation (m) AMSL	Completed Depth (m)	NPWL (m)	Bedrock Surface Elevation (m) AMSL	Total Thickness Sand / Gravel Below 15 (m)	Apparent Trans-missivity (m^2/day)	TDS (mg/L)
NE 22-058-04	381638	01019	664	45.7	9.14	649.2			
NE 22-058-04	381641	01020	664	47.2	9.75	639.7			
13 23-058-04	383909	01025	660	27.4	7.62				1323
.. 23-058-04	381642	01023	661	30.5	3.66				700
SE 23-058-04	381645	01028	658	38.1	2.44	650.7		1.4	1239
NW 23-058-04	381647	01026	660	9.1	4.57				1426
13 23-058-04	381648	01024	661	47.2		655.5			
13 23-058-04	383909	01025	660	27.4	7.62				1422
NE 24-058-04	381650	01029	663	26.2	7.01	658.3			
05 25-058-04	381663	01030	665	65.2					
SW 25-058-04	381656	01034	667	48.8					900
SE 25-058-04	381655	01033	667	41.2	18.29				940
SW 25-058-04	381658	01035	664	12.2					1068
SW 25-058-04	381659	01036	665	27.4					990
SW 25-058-04	381660	01037	665						791
05 25-058-04	381661	01031	665	65.2	1.83				1152
SE 25-058-04	381655	01033	667	41.2	18.29				1046
SE 25-058-04	381652	01032	667	48.8	3.66				
NW 26-058-04	381666	01040	676	12.2	3.66				1230
13 26-058-04	381667	01039	663	50.3	9.14	656.9		2.3	
SW 26-058-04	381665	01041	666	48.8	3.66	641.6		1.3	858
SE 27-058-04	381670	01042	660	43.9	9.14	635.6			
SW 27-058-04	381671	01043	660	38.1					864
SE 28-058-04	381673	01045	657	69.5	18.29				2266
SW 28-058-04	381676	01046	658	109.7	18.29				1349
04 28-058-04	381677	01044	657	74.7	12.80	594.5		4.7	
NE 29-058-04	381678	01048	658	109.7		626.3			
NE 32-058-04	383910	01050	655	45.7	19.81				932
NE 32-058-04	383911	01051	653	46.9	2.44				825
NW 32-058-04	381680	01052	655	133.2	12.19				1898
NW 32-058-04	381680	01052	655	133.2	12.19				2048
NW 33-058-04	363760	01054	655	45.1					
SE 33-058-04	381681	01056	655	30.5	4.57				886
NW 33-058-04	381685	01053	655	45.1					
SE 33-058-04	381682	01057	657	42.7	4.88	646.3		2.5	
NW 33-058-04	381683	01055	652	36.6	9.75	634.0		13.0	
16 34-058-04	371096	01058	656	59.4	9.14	647.2		4.1	
SE 34-058-04	351547	01060	661	80.8	7.31		15.9		
SE 34-058-04	381689	01059	661	30.5	18.29				850
SE 34-058-04	381691	01062	661	80.8	7.31	621.8		0.1	
SE 34-058-04	381690	01061	661	36.6					
SE 34-058-04	381686	01063	658	50.3	7.01	655.3		0.1	1284
NW 35-058-04	354093	01069	658	42.7					
04 35-058-04	381694	01064	661	52.4	7.92	647.7			
12 35-058-04	381695	01066	657	41.2	10.67	646.8		3.5	

Water Wells From Groundwater Database

Completed in a Bedrock Aquifer

Legal Location W5M	AEP Number	hc Number	Ground Elevation (m) AMSL	Completed Depth (m)	NPWL (m)	Bedrock Surface Elevation (m) AMSL	Total Thickness Sand / Gravel Below 15 (m)	Apparent Trans-missivity (m^2/day)	TDS (mg/L)
14 35-058-04	381698	01067	658	45.7	12.80	643.1		13.6	1376
NW 35-058-04	381701	01068	658	38.1	9.14	642.1		22.5	
05 35-058-04	381692	01065	658	41.2	6.10	653.8		2.4	909
NE 36-058-04	381711	01077	667	33.5	24.38				1128
NE 36-058-04	381715	01076	671	41.2	9.14	664.9		1.6	
NE 36-058-04	381714	01075	671	30.5					1142
NE 36-058-04	381714	01075	671	30.5					1315
NE 36-058-04	381712	01073	672	25.0		658.6			1055
NE 36-058-04	381713	01074	671	30.5					976
NE 36-058-04	381712	01073	672	25.0		658.6			1442
NE 36-058-04	381711	01077	667	33.5	24.38				1184
NE 36-058-04	381711	01077	667	33.5	24.38				1464
NE 36-058-04	381713	01074	671	30.5					1082
13 36-058-04	381710	01071	665	43.6	10.97				900
13 36-058-04	381709	01072	665	99.1	10.97				
NW 36-058-04	381708	01078	667	10.7	10.67				581
NW 36-058-04	381707	01080	667	29.9	13.11	639.4			
NW 36-058-04	381706	01079	667	45.7	10.67				
SE 36-058-04	381705	01081	673	76.2					1638
SE 01-058-05	354094	01083	669	42.7	15.24	641.7			
SE 01-058-05	381716	01082	669	42.7	12.19	641.7			
SE 02-058-05	388845	01084	674	35.1					
SW 02-058-05	381717	01085	671	33.5					1666
SW 03-058-05	381806	01086	675	24.4					1042
SW 04-058-05	351263	01099	686	80.8	35.05	634.2		1.1	
SE 04-058-05	381822	01095	684	61.0					844
SW 04-058-05	381828	01098	686	80.8	35.05	643.3		5.9	
SW 04-058-05	381827	01100	692	92.7	51.81				1706
SW 04-058-05	381827	01100	692	92.7	51.81				809
SE 04-058-05	381823	01096	684	106.7	13.41	656.9		0.1	
SE 04-058-05	381808	01089	684	48.8	15.24				1480
01 04-058-05	381817	01087	686	36.6	9.14	658.3		52.8	
SE 04-058-05	381816	01093	686	54.9	15.24				1202
SE 04-058-05	381814	01094	701	86.9	21.33				1238
SE 04-058-05	381820	01097	684	76.2					890
13 05-058-05	381833	01101	670	29.0	6.10	647.1		1.4	1265
SE 05-058-05	381831	01105	686	61.0	60.96				1220
NE 06-058-05	353943	01108	670	65.5	2.44	652.0			
NE 06-058-05	381839	01107	670	65.5	2.44	652.0			
SW 07-058-05	361806	01116	668	33.5					
SE 07-058-05	381845	01112	669	70.1	3.66	654.7		0.1	
SW 07-058-05	381849	01115	671	62.5	4.27	646.2		1.1	
SW 07-058-05	381852	01117	668	33.5					
NE 07-058-05	381855	01111	668	36.6					
SE 07-058-05	381844	01113	669	36.6					920

Water Wells From Groundwater Database

Completed in a Bedrock Aquifer

Legal Location W5M	AEP Number	hc Number	Ground Elevation (m) AMSL	Completed Depth (m)	NPWL (m)	Bedrock Surface Elevation (m) AMSL	Total Thickness Sand / Gravel Below 15 (m)	Apparent Trans-missivity (m^2/day)	TDS (mg/L)
10 07-058-05	381858	01109	655	109.7	9.14	653.5		6.0	
SW 07-058-05	388846	01114	668	44.2	5.49	643.6			
NE 07-058-05	381857	01110	668	39.6	7.31				1500
NE 08-058-05	367371	01118	671	42.7	3.05	665.5		0.8	
NE 09-058-05	381860	01120	673	33.5					1892
09 09-058-05	381861	01119	671	48.8	23.16	639.9		2.9	
NE 10-058-05	381875	01122	672	71.6	7.62	647.8		1.3	
NW 10-058-05	381866	01123	673	40.2	12.19	651.6	3.3	2.0	2125
NE 11-058-05	381878	01124	671	91.4	12.19	648.1		1.5	
01 12-058-05	381881	01125	671	77.7	12.19	643.1		0.1	
SE 12-058-05	381883	01126	671	64.0	7.62	647.9		2.3	
NE 13-058-05	352916	01131	671	44.2	12.19	651.8		1.9	
01 13-058-05	381895	01127	669	57.9	4.57				2064
NE 13-058-05	381900	01130	671	44.2	12.19	650.3		0.1	
SE 13-058-05	381888	01134	671	103.6	4.57	653.6		0.1	
09 13-058-05	381896	01128	671	76.2	7.31	635.5		0.9	
NE 13-058-05	381898	01132	671	82.3					2494
SW 14-058-05	363263	01139	669	91.4	9.14	651.9		1.5	
SW 14-058-05	381906	01136	669	33.5					1831
SE 14-058-05	381903	01135	671	76.2	11.89	645.1		1.3	
SW 14-058-05	381908	01138	669	91.4	9.14	651.9		1.5	
SE 15-058-05	381909	01141	670	160.0	22.86				600
SE 15-058-05	381910	01142	678	74.1	21.94	619.3			724
01 15-058-05	381911	01140	678	167.6					660
SW 15-058-05	381912	01143	669	123.4	15.24	643.1		1.0	1364
SE 16-058-05	381916	01151	670	125.0	16.46	641.4	0.5	0.5	
SW 16-058-05	381918	01152	668	36.6	7.92	650.3		5.8	
NE 16-058-05	381920	01146	671	57.9	12.19				818
NE 16-058-05	381921	01147	671	115.8	9.14				1374
SE 16-058-05	381915	01150	671	38.1	24.38				839
01 16-058-05	381914	01144	664	80.8	9.14	649.2		0.1	
SW 16-058-05	381917	01153	668	39.6					1396
SE 17-058-05	351546	01157	668	109.7	2.13	597.7	0.9	1.5	
NE 17-058-05	366111	01155	664	85.3	10.97	642.7		0.1	
NE 17-058-05	381924	01154	654	61.0	6.10				898
SE 17-058-05	381923	01158	668	109.7	2.13	596.2		1.5	
NE 18-058-05	371588	01160	664	31.7	16.46	651.7			
01 18-058-05	381926	01159	661	15.9	2.74	648.6			
SE 19-058-05	350095	01171	661	14.0	3.66	651.6			
NE 19-058-05	350094	01168	661	10.4	3.66	653.7			
SE 19-058-05	381942	01172	661	14.0	4.57	651.6			
09 19-058-05	381943	01164	661	79.2	1.31	651.9		0.1	888
NE 19-058-05	381945	01167	661	10.4	3.66	653.7			
09 19-058-05	381954	01163	652	85.3					
NW 20-058-05	381956	01173	652	103.6	7.62	603.5		1.9	

Water Wells From Groundwater Database

Completed in a Bedrock Aquifer

Legal Location W5M	AEP Number	hc Number	Ground Elevation (m) AMSL	Completed Depth (m)	NPWL (m)	Bedrock Surface Elevation (m) AMSL	Total Thickness Sand / Gravel Below 15 (m)	Apparent Trans-missivity (m^2/day)	TDS (mg/L)
NW 21-058-05	366112	01176	660	61.0	2.44	641.8		0.1	
SW 21-058-05	381959	01179	657	67.1	7.31	632.4		13.6	
SE 21-058-05	381957	01178	663	114.3	13.72	635.8			
SE 21-058-05	381958	01177	668	82.3	14.32	650.3		0.1	
SE 22-058-05	352913	01184	669	50.3	9.14	641.7		3.6	
SW 22-058-05	381963	01188	671	103.6	24.38	664.4		0.1	
SE 22-058-05	381961	01185	669	50.3	9.14	641.7		3.7	
SE 23-058-05	357057	01200	671	121.9					
01 23-058-05	381968	01189	683	91.4	22.86	650.7			1166
SE 23-058-05	381969	01199	671	121.9					
NW 23-058-05	381970	01193	667	106.7	21.33	636.6		0.7	
14 23-058-05	381976	01190	655	101.5	16.76	644.6			
NW 23-058-05	381982	01194	667	97.5	12.80	661.6		0.1	
NE 23-058-05	381986	01191	662	50.3	6.10	644.7		20.9	
NE 23-058-05	381987	01192	662	79.8	12.80	638.6		0.7	
01 23-058-05	381968	01189	683	91.4	22.86	650.7			948
SW 25-058-05	352920	01205	665	44.2	4.57	640.9		6.8	
SW 25-058-05	381994	01204	652	115.8					1392
SW 25-058-05	381995	01206	665	44.2	4.57	640.9		6.8	
SW 25-058-05	381997	01203	652	39.6	18.29	627.9			
SW 26-058-05	350821	01210	663	152.4	19.81	635.3		1.5	
SE 26-058-05	381999	01209	663	36.6	9.14	641.7		13.6	
01 26-058-05	382001	01207	652	36.6	6.10				2316
SW 26-058-05	382023	01211	663	152.4	19.81	635.3		1.5	
SW 27-058-05	350681	01213	663	68.6	7.62	647.5		3.0	
SW 27-058-05	382024	01215	654	59.4	16.15	638.5		5.2	
SW 27-058-05	382025	01214	663	68.6	7.62	647.5		3.0	
12 27-058-05	382026	01212	654	54.9	2.44	636.7		2.6	
SE 28-058-05	382028	01217	654	41.2	10.67	631.5			1290
SE 28-058-05	382028	01217	654	41.2	10.67	631.5			1380
01 28-058-05	382027	01216	661	54.9	3.66	649.4		4.2	894
SW 30-058-05	382030	01219	661	54.6					762
04 30-058-05	382029	01218	661	61.0	2.13	645.8		1.1	
NW 31-058-05	356147	01222	667	80.8	7.62	648.7			
NW 31-058-05	382034	01223	667	80.8	7.62	648.7			
NW 31-058-05	382032	01224	654	38.1					
NW 33-058-05	351064	01226	661	54.9	17.37	637.5		10.4	
NW 33-058-05	363761	01227	661	61.0					
NW 33-058-05	382035	01225	661	79.2	32.00	617.1		0.1	
NW 33-058-05	382036	01228	661	61.0					
04 34-058-05	382037	01229	655	91.4	9.14	618.7		4.0	
NW 35-058-05	351265	01236	651	91.4	5.49	614.4	10.9	4.6	
NW 35-058-05	382043	01237	651	91.4	5.49	614.4		4.6	
NE 35-058-05	382048	01234	651	36.6	6.10	623.0		1.8	
NE 35-058-05	382047	01232	651	42.7	4.27	632.7		20.5	

Water Wells From Groundwater Database

Completed in a Bedrock Aquifer

Legal Location W5M	AEP Number	hc Number	Ground Elevation (m) AMSL	Completed Depth (m)	NPWL (m)	Bedrock Surface Elevation (m) AMSL	Total Thickness Sand / Gravel Below 15 (m)	Apparent Trans-missivity (m^2/day)	TDS (mg/L)
16 35-058-05	382046	01231	655	36.6	10.06	630.0		1.4	1031
16 35-058-05	382046	01231	655	36.6	10.06	630.0		1.4	1034
16 35-058-05	382046	01231	655	36.6	10.06	630.0		1.4	1022
NE 35-058-05	382045	01233	654	36.9	24.38				1894
NW 35-058-05	382041	01235	654	61.0	7.01	600.7			1107
08 35-058-05	382039	01230	655	30.5	12.19	634.0		6.5	
SW 36-058-05	382053	01242	670	61.0	27.43	645.4		1.0	
SW 36-058-05	382051	01243	655	55.8	21.33	626.9			
05 36-058-05	382050	01240	664	50.3	21.33	633.5		14.0	
SE 36-058-05	382049	01241	666	82.3	18.59	640.1		0.1	
SE 02-058-06	355627	01244	674	19.2	5.49	660.1			
SE 02-058-06	382055	01245	674	19.2	5.49	660.1			
12 14-058-06	382090	01246	661	68.6	0.76	633.0		4.2	
04 23-058-06	382145	01247	660	68.6	1.52	641.4		0.1	
NW 23-058-06	382149	01249	659	61.0	7.62	641.4		1.2	
05 23-058-06	382142	01248	660	88.4	33.53	608.8		5.6	
SW 23-058-06	382141	01251	660	91.4					789
SW 23-058-06	382137	01250	658	50.3	8.53	628.5		1.8	
16 24-058-06	382154	01252	661	99.1	9.75	616.8		0.3	
NE 24-058-06	382152	01253	654	91.4	32.00	618.1		1.4	
SE 25-058-06	368994	01256	661	121.9	15.24	638.1		0.5	
NE 25-058-06	382194	01254	652	121.9	22.86				769
SW 26-058-06	382204	01259	660	45.7	6.10	635.7			
SW 26-058-06	382214	01260	660	54.9	5.79	639.4		0.1	
SE 26-058-06	382195	01257	652	65.5	2.44	594.3		14.3	
SE 26-058-06	382201	01258	661	73.2	2.74	623.2		0.1	
NW 27-058-06	354095	01265	671	62.5	16.46	646.6		2.5	
NW 27-058-06	382228	01266	671	62.5	16.46	646.6		2.5	
05 27-058-06	382223	01264	655	12.8	6.10				
SW 27-058-06	382216	01267	665	27.4	0.76	647.3		4.9	
09 34-058-06	376874	01268	664	48.8	6.10	650.3		1.9	
01 36-058-06	382262	01282	661	109.7	45.72				
SE 36-058-06	382266	01291	651	30.5	7.62	626.3			
08 36-058-06	382269	01283	663	30.5	9.14				
08 36-058-06	382270	01284	654	36.6	12.19				997
NW 36-058-06	382272	01287	662	79.2	12.80	642.2		0.1	
01 36-058-06	382279	01281	654	44.2	12.19	634.3			
NE 02-059-02	381784	01296	655	35.1	9.14	649.2			
SW 02-059-02	382302	01299	664	49.7	18.29	644.5			
NW 02-059-02	381781	01297	653	36.6					
NW 03-059-02	381790	01303	640	13.7		631.5			
SW 03-059-02	381788	01307	645	45.7					
SE 03-059-02	381786	01306	661	109.7	18.29				
SE 03-059-02	381787	01305	661	52.1					
NW 03-059-02	364016	01304	640	28.4	1.52	627.8		11.8	

Water Wells From Groundwater Database

Completed in a Bedrock Aquifer

Legal Location W5M	AEP Number	hc Number	Ground Elevation (m) AMSL	Completed Depth (m)	NPWL (m)	Bedrock Surface Elevation (m) AMSL	Total Thickness Sand / Gravel Below 15 (m)	Apparent Trans-missivity (m^2/day)	TDS (mg/L)
SW 03-059-02	388804	01309	652	91.4	6.10	612.6			
SW 03-059-02	388802	01308	640	48.2	6.10				1042
SW 03-059-02	388802	01308	640	48.2	6.10				1042
SE 04-059-02	388807	01310	640	74.1	9.14	616.0			1079
SE 04-059-02	388807	01310	640	74.1	9.14	616.0			1079
NE 05-059-02	381800	01313	636	36.6	7.62	608.6			620
SE 05-059-02	381794	01315	641	47.2	6.10	598.4			
SE 05-059-02	381796	01316	655	45.7	4.88	643.1		107.0	
SE 05-059-02	381795	01317	640	48.8	6.40	626.9			
SE 06-059-02	381222	01321	639	54.9					
SE 06-059-02	382303	01319	639	45.7					708
SE 06-059-02	381803	01318	639	39.6	6.10	611.1		44.4	
NW 08-059-02	382305	01324	633	86.9	3.05	596.4			
13 08-059-02	382306	01323	634	80.8	2.13				
SE 09-059-02	359751	01329	636	46.6	0.61	619.5			
16 09-059-02	382311	01326	635	23.8	12.19	617.2			1612
SE 09-059-02	385194	01330	636	39.6					982
SE 10-059-02	382319	01343	640	45.7	21.33	621.7		13.4	1194
SW 10-059-02	382324	01345	638	18.3		625.8			
SE 10-059-02	382323	01341	640	12.2					773
SE 10-059-02	382319	01343	640	45.7	21.33	621.7		13.4	814
NE 10-059-02	364957	01334	640	45.7	21.33	620.2			
NW 10-059-02	382339	01340	640	43.6	12.19	629.4			
NW 10-059-02	382344	01339	640						1755
NE 10-059-02	382346	01335	640	122.8	14.02	621.4			
15 10-059-02	382349	01333	640	43.6	7.31	629.3			1813
NE 10-059-02	382352	01337	640	77.4	12.19	619.3			
NE 10-059-02	382358	01338	640	152.4	51.81	627.2		28.4	
NE 11-059-02	354618	01346	651	36.6	15.24	642.2		1.1	
NW 11-059-02	382394	01350	660	22.6	20.12				941
NE 11-059-02	382403	01347	651	42.7	22.25	648.3			
NE 11-059-02	382411	01348	651	68.0	3.66	621.4			
NE 11-059-02	382406	01349	651	12.2					1963
NW 11-059-02	382396	01351	663	47.2	19.81	628.2			2066
SE 12-059-02	382418	01352	671	61.0					
13 13-059-02	382449	01354	646	36.0	18.29				1070
13 13-059-02	382447	01353	646	103.6	19.81	631.4		1.0	
13 13-059-02	382449	01354	646	36.0	18.29				1216
NW 13-059-02	382419	01357	658	91.4	14.63	627.9			
13 13-059-02	382445	01355	655	89.9	7.62	624.8		0.1	
SE 14-059-02	382451	01364	655	45.7	15.24	637.0		2.9	
NW 14-059-02	382453	01363	640	27.4					
NW 14-059-02	382461	01362	640	45.7					
13 14-059-02	382462	01358	640	46.6		627.8			
NW 15-059-02	354580	01365	640	30.5					

Water Wells From Groundwater Database

Completed in a Bedrock Aquifer

Legal Location W5M	AEP Number	hc Number	Ground Elevation (m) AMSL	Completed Depth (m)	NPWL (m)	Bedrock Surface Elevation (m) AMSL	Total Thickness Sand / Gravel Below 15 (m)	Apparent Trans-missivity (m^2/day)	TDS (mg/L)
SW 15-059-02	382464	01367	640	61.0	14.63	629.0			983
SW 16-059-02	361815	01388	633	115.8					
SE 16-059-02	382466	01382	638	50.3	4.57				1482
SE 16-059-02	382466	01382	638	50.3	4.57				1476
SE 16-059-02	382465	01376	638	53.3	21.33				1406
SE 16-059-02	382470	01384	640	14.6	3.66	630.9			2389
SE 16-059-02	382466	01382	638	50.3	4.57				1132
01 16-059-02	382469	01370	639	45.7	13.72	611.1			
SE 16-059-02	382471	01381	640	38.1	18.29				1368
SE 16-059-02	382471	01381	640	38.1	18.29				1250
SE 16-059-02	382471	01381	640	38.1	18.29				1503
SE 16-059-02	382472	01373	640	15.2		629.4			
SE 16-059-02	382475	01386	638	42.7					1338
SE 16-059-02	382478	01380	638	73.2					1282
SE 16-059-02	382479	01379	638	64.0					1303
SE 16-059-02	382479	01379	638	64.0					1343
SE 16-059-02	382480	01378	638	42.7					1266
SE 16-059-02	382480	01378	638	42.7					1332
07 16-059-02	382481	01371	636	106.7	36.57				2616
SW 16-059-02	382482	01389	633	100.6	0.91	580.0		0.1	
·· 16-059-02	382486	01369	639	56.4		610.5		8.9	
SE 16-059-02	382468	01377	638	36.6	12.19	607.6			860
SE 16-059-02	382473	01374	640	15.2	0.61	630.9		213.4	1287
NW 19-059-02	351298	01397	643	30.5	16.76	634.4		8.2	
NW 19-059-02	351297	01398	643	47.9	16.76	634.4		3.6	
SW 19-059-02	382494	01402	639	54.9					
SE 19-059-02	382493	01401	636	76.2	2.44	604.1		2.9	
SE 20-059-02	382498	01410	622	38.1	7.31	614.5		1.2	
NW 20-059-02	382501	01408	631	71.6	2.13	609.6			
SE 20-059-02	382499	01409	625	19.8	4.57	615.7		59.5	
NE 20-059-02	382503	01405	634	114.3	3.35				1989
06 21-059-02	382523	01412	622	100.6	18.29				
SE 21-059-02	382519	01417	649	97.5					769
SE 21-059-02	382519	01417	649	97.5					819
SE 21-059-02	382521	01418	625	129.5	15.85	569.9			3181
SE 22-059-02	382555	01422	640	93.0	18.29				1094
SE 22-059-02	382557	01423	640	99.1	18.29	615.6		0.1	
SW 23-059-02	353725	01429	639	87.8	27.43	628.3			
NW 23-059-02	353726	01427	635	87.8	10.67	610.0			
NW 24-059-02	357236	01432	628	92.3	12.80	613.5			
01 24-059-02	382561	01430	646	29.0	13.72	619.3			1126
SE 24-059-02	382562	01433	645	20.7	10.06	632.8			1208
NW 24-059-02	382563	01431	632	22.3		622.7			
WH 26-059-02	382566	01435	632	51.8		586.7			
SE 27-059-02	355858	01439	631	91.4	12.19	591.4		1.7	

Water Wells From Groundwater Database

Completed in a Bedrock Aquifer

Legal Location W5M	AEP Number	hc Number	Ground Elevation (m) AMSL	Completed Depth (m)	NPWL (m)	Bedrock Surface Elevation (m) AMSL	Total Thickness Sand / Gravel Below 15 (m)	Apparent Trans-missivity (m^2/day)	TDS (mg/L)
01 27-059-02	382578	01436	631	39.6					882
SW 27-059-02	382579	01440	625	61.0					480
14 27-059-02	382580	01438	625	91.4	3.05	605.0		3.5	1094
13 27-059-02	382582	01437	632	107.9	15.24				
NE 29-059-02	353126	01445	640	42.1	14.32	619.6			
NE 29-059-02	381345	01446	640	91.4	17.68	601.6		0.1	
NW 29-059-02	365544	01447	646	109.7	13.72	610.5		1.2	
04 29-059-02	382584	01442	639	61.0					
12 29-059-02	382586	01443	640	51.2	6.10	623.3			
SW 30-059-02	357074	01453	645	70.1					
SW 30-059-02	382590	01452	645	37.5	18.29	636.7		16.1	
09 30-059-02	382594	01448	645	96.0	5.79	614.1		5.0	
NE 31-059-02	382595	01455	655	19.5	12.19				518
SE 32-059-02	350947	01458	644	37.5	9.14	635.9		8.8	
NW 32-059-02	356129	01457	657	79.2	18.29	649.5		2.0	
NW 32-059-02	382596	01456	657	24.4	6.10				952
NE 33-059-02	367412	01462	643	99.1	16.76	637.0		0.1	
NE 33-059-02	370081	01463	643	36.6					
16 33-059-02	382600	01460	644	36.6	6.10	634.5		22.4	
NE 33-059-02	382602	01461	648	30.5					680
NE 33-059-02	382604	01464	640	30.5	3.05	633.3			554
NW 34-059-02	382607	01465	636	41.2	15.24	627.9		6.5	
NE 01-059-03	382322	01468	633	44.2					
NE 01-059-03	382329	01471	633	43.6	9.75	624.8		5.7	
NE 01-059-03	382325	01474	633	43.0	10.67				
NE 01-059-03	382326	01469	633	50.3	13.72	614.7		0.1	
NE 01-059-03	382320	01470	633	38.1	12.19	614.7			
04 01-059-03	382318	01467	635	36.6	6.10				
SW 01-059-03	382315	01481	633	97.5	9.14	605.6		1.2	
SW 01-059-03	382308	01478	633	73.2	16.76	612.3		14.0	2550
SW 01-059-03	382313	01475	637	48.8	3.66	609.6		4.2	2433
SW 01-059-03	382310	01476	639	32.0	5.49	624.8		2.5	
SW 01-059-03	382313	01475	637	48.8	3.66	609.6		4.2	1745
SW 01-059-03	388856	01479	640	44.2					1571
04 01-059-03	388857	01466	635	47.2	12.19	605.8			
SW 01-059-03	388858	01480	633	39.6					1706
SE 02-059-03	382332	01486	638	80.8	3.05				1419
SE 02-059-03	382331	01485	637	30.5					1330
SW 02-059-03	382335	01487	640	30.2	10.97				
04 02-059-03	382336	01484	640	24.4	9.14				1191
SW 03-059-03	382354	01492	644	17.7	5.49	630.9			
02 03-059-03	382340	01488	643	38.1	4.66				2474
SW 03-059-03	382342	01490	644						2705
SW 03-059-03	358190	01491	644	17.7	5.49	630.9			
04 04-059-03	382359	01495	655	44.2	9.14	633.4			

Water Wells From Groundwater Database

Completed in a Bedrock Aquifer

Legal Location W5M	AEP Number	hc Number	Ground Elevation (m) AMSL	Completed Depth (m)	NPWL (m)	Bedrock Surface Elevation (m) AMSL	Total Thickness Sand / Gravel Below 15 (m)	Apparent Trans-missivity (m^2/day)	TDS (mg/L)
NE 04-059-03	388847	01497	652	19.8	6.40	634.3			
01 05-059-03	366891	01498	657	59.4	13.72	643.3		1.1	
NW 05-059-03	382368	01499	661						1391
SE 05-059-03	382364	01500	657	30.5	9.14				2058
SW 05-059-03	382366	01501	660	29.0	8.53	638.5		0.1	2551
SE 06-059-03	382369	01509	664	36.0					
NE 06-059-03	382372	01504	655	37.5	1.22	648.6			
SE 06-059-03	363814	01508	664	36.0					
SW 06-059-03	382824	01510	671	41.2	1.83	637.5		11.2	
09 06-059-03	382375	01502	664	45.7	4.57	659.4		1.2	
10 06-059-03	382374	01503	666	32.0	4.57	661.8		14.5	
NE 06-059-03	388851	01505	665	24.4					863
14 07-059-03	382387	01512	651	39.6	2.44				
NW 07-059-03	382385	01513	651	41.8					
SW 07-059-03	382383	01516	662	32.0	7.31	635.0		3.3	
03 07-059-03	382381	01511	665	32.0	9.14	640.5		7.5	
SE 07-059-03	382378	01514	661	36.6	14.63	634.9		2.2	
16 08-059-03	382391	01517	649	88.4	13.72	606.5		0.4	
SW 08-059-03	382389	01518	659	21.3	0.61	648.2		0.1	
NE 09-059-03	363762	01523	642	36.6					
SW 09-059-03	382399	01529	650	79.2	12.80	639.3		0.1	
NE 09-059-03	382412	01522	642	29.0	6.10	620.2		7.8	
05 09-059-03	382397	01519	650	67.1	6.10	632.0		3.9	
SW 09-059-03	382402	01528	650	79.2	12.80	639.3		0.1	
SW 09-059-03	382404	01530	650	121.9	10.67	638.4		0.1	
SW 10-059-03	382415	01532	640	36.6	6.10				1555
04 10-059-03	382417	01531	652	50.3	6.10	624.8		0.1	1628
SW 10-059-03	382420	01533	640	73.2	7.31	608.9		7.0	
01 11-059-03	388848	01534	642	68.6	9.14	617.2		0.1	1533
NW 12-059-03	358191	01539	638	42.7	0.91	614.4		103.5	
NW 12-059-03	382426	01538	638	42.7	0.91	614.4		103.7	
SW 12-059-03	382424	01540	641	32.9	1.22	620.1			
13 12-059-03	382425	01537	637	32.0		615.1			
SW 13-059-03	382514	01543	636	30.5					1090
SW 13-059-03	382515	01544	636	67.1					
NW 13-059-03	382517	01542	635	35.1	2.44	614.2		27.6	1084
SW 14-059-03	382522	01553	635	48.8	39.62				1494
09 14-059-03	382535	01545	636	44.2		599.4			1068
NE 14-059-03	382534	01551	635	33.5	0.61				1110
SW 14-059-03	382527	01554	636	36.6					1412
09 14-059-03	382535	01545	636	44.2		599.4			1090
09 14-059-03	382535	01545	636	44.2		599.4			1094
SE 14-059-03	388849	01552	637	67.1	0.91				963
SE 14-059-03	388849	01552	637	67.1	0.91				1014
NE 15-059-03	351299	01558	639	37.5	6.10	612.9		7.0	

Water Wells From Groundwater Database

Completed in a Bedrock Aquifer

Legal Location W5M	AEP Number	hc Number	Ground Elevation (m) AMSL	Completed Depth (m)	NPWL (m)	Bedrock Surface Elevation (m) AMSL	Total Thickness Sand / Gravel Below 15 (m)	Apparent Trans-missivity (m^2/day)	TDS (mg/L)
SW 15-059-03	382618	01564	640	31.1	18.29	627.4		50.8	
NE 15-059-03	382623	01559	639	37.5	6.10	612.9		7.0	
16 15-059-03	382622	01556	640	32.0	7.62	618.7		4.4	
NE 15-059-03	382621	01557	639	51.5	4.57				
NE 15-059-03	382619	01560	640	24.4					1030
SW 15-059-03	382616	01565	642	48.8	12.80	617.2		2.4	
SW 15-059-03	382615	01566	640	56.4	6.10	615.2			
SE 15-059-03	382614	01563	637	50.3	6.10	611.1		16.8	
NW 15-059-03	382620	01561	637	44.2	6.10	600.5			
SE 16-059-03	369173	01570	640	36.6	12.19	630.9		2.0	
04 16-059-03	366845	01567	642	41.2	7.62	622.5		1.9	
SE 16-059-03	382624	01569	640	30.5	12.19	622.9		80.7	1159
12 16-059-03	382626	01568	640	56.1	9.14				818
SE 17-059-03	382631	01581	645	36.6	12.19				1329
SE 17-059-03	382632	01575	642	27.4					1226
SE 17-059-03	382635	01577	642	54.9	15.24	611.0			1240
SE 17-059-03	382635	01577	642	54.9	15.24	611.0			1280
NE 17-059-03	382638	01571	640	54.9					1416
NE 17-059-03	382641	01574	640	38.1					1221
NE 17-059-03	382643	01572	640	61.0	7.92	589.7		10.4	
NE 17-059-03	382647	01573	640	128.0	10.67	589.7		3.1	
SE 17-059-03	382628	01576	642	52.7	15.24				
SW 18-059-03	359752	01588	643	86.9	19.81	624.2		0.1	
NE 18-059-03	382670	01585	639	54.9	4.27	620.1		6.9	
05 18-059-03	382663	01584	640	59.4	18.29	620.5		1.1	1429
SW 18-059-03	382665	01587	643	86.9	19.81	624.2		0.1	
04 18-059-03	382659	01583	646	64.6	7.62	627.9		1.5	1208
01 18-059-03	382656	01582	640	36.6	12.19	618.7			
NW 18-059-03	382669	01586	639	48.8					921
04 18-059-03	382659	01583	646	64.6	7.62	627.9		1.5	1183
NE 19-059-03	350824	01593	640	42.7	7.62	626.3		10.9	
SE 19-059-03	350823	01594	640	61.0	1.83	597.8		1.3	
SE 19-059-03	382673	01595	640	61.0	1.83	597.8			
NE 19-059-03	382675	01592	640	42.7	7.62	626.3		10.9	
NE 19-059-03	382677	01591	643	48.8	10.67	626.3		60.5	
SW 19-059-03	389393	01596	640	50.3	7.92	611.1		2.2	
NE 20-059-03	382687	01601	640	53.6	13.23	605.3			
NE 20-059-03	382696	01612	640	36.6	30.48	632.4			
NE 20-059-03	382695	01609	640	70.1	17.07	615.3			
NE 20-059-03	382694	01604	640	38.1	10.97	615.3		26.4	
NE 20-059-03	382692	01610	640	42.7	12.19				1032
NE 20-059-03	382686	01600	640	49.7	13.41	606.2			
NE 20-059-03	382685	01599	640	48.8	16.46	606.2			
NE 20-059-03	382684	01605	640	61.0	18.29	598.6		0.9	
SE 20-059-03	382681	01614	638	62.5					1037

Water Wells From Groundwater Database

Completed in a Bedrock Aquifer

Legal Location W5M	AEP Number	hc Number	Ground Elevation (m) AMSL	Completed Depth (m)	NPWL (m)	Bedrock Surface Elevation (m) AMSL	Total Thickness Sand / Gravel Below 15 (m)	Apparent Trans-missivity (m^2/day)	TDS (mg/L)
SE 20-059-03	382681	01614	638	62.5					1056
SE 20-059-03	382681	01614	638	62.5					1898
08 20-059-03	382680	01598	640	30.5	5.49	626.3		5.0	
SE 20-059-03	382679	01616	638	54.9		601.7			
NE 20-059-03	382693	01611	640	35.1	10.97	615.3			
SW 21-059-03	366114	01625	640	38.1	10.97	617.1		6.0	
07 21-059-03	382708	01618	640	36.6	15.24	605.6			
SW 21-059-03	382710	01623	640	43.3	15.24	617.2			1234
SW 21-059-03	382715	01624	640	36.0					
NE 21-059-03	382717	01620	641	54.9					1299
NE 21-059-03	382718	01619	641	54.9					1365
NE 21-059-03	382720	01622	641	36.6	20.12	623.0			
NE 21-059-03	382719	01621	641	54.9					1321
NE 21-059-03	382719	01621	641	54.9					1177
SW 22-059-03	381225	01641	639	48.8		617.7			
05 22-059-03	382722	01630	639	59.4	4.88	594.6			
NE 22-059-03	382744	01638	646	33.5	9.14	635.2		28.4	
SE 22-059-03	382721	01640	640	38.1	11.58	620.2			
NW 22-059-03	388850	01639	641	36.6					424
SW 23-059-03	367088	01657	642	39.6					
NW 23-059-03	350948	01651	652	32.0	4.57	646.7		8.8	
NW 23-059-03	382780	01649	652	32.0	5.49	642.5		35.1	816
SE 23-059-03	382751	01653	646	15.2					930
SE 23-059-03	382751	01653	646	15.2					944
SE 23-059-03	382753	01655	644	10.7					907
01 23-059-03	382759	01642	642	22.9		627.9			
08 23-059-03	382762	01648	645	91.4	3.05				
SW 23-059-03	382774	01656	642	36.6	4.57	627.1		12.0	
NW 23-059-03	382779	01650	652	30.5					698
NW 23-059-03	382782	01652	652	32.0	4.57	646.7		8.8	
04 24-059-03	382794	01661	641	39.6		618.5		180.5	1089
SW 24-059-03	382793	01666	643	15.2					931
04 24-059-03	382791	01659	651	36.6	13.72	626.3			
03 24-059-03	382788	01658	640	36.6	6.10	618.7		5.6	
SE 25-059-03	376876	01673	653	36.6	22.86	640.3			
NW 25-059-03	388852	01670	663	48.8	15.24				1452
NW 25-059-03	388852	01670	663	48.8	15.24				1377
NE 26-059-03	382901	01678	670	46.6	15.24	665.2		6.7	
NE 26-059-03	382899	01676	670	41.2	21.33	662.8		59.5	
NE 26-059-03	382897	01677	670						711
02 26-059-03	382889	01674	661	18.3	5.49	649.5		64.8	593
NW 26-059-03	382892	01679	674	38.1					517
NW 26-059-03	382894	01680	671	37.5	15.24	665.5			
NW 27-059-03	382908	01682	661	33.5	2.44	649.2			
NE 28-059-03	382913	01686	658	27.4		641.6			

Water Wells From Groundwater Database

Completed in a Bedrock Aquifer

Legal Location W5M	AEP Number	hc Number	Ground Elevation (m) AMSL	Completed Depth (m)	NPWL (m)	Bedrock Surface Elevation (m) AMSL	Total Thickness Sand / Gravel Below 15 (m)	Apparent Trans-missivity (m^2/day)	TDS (mg/L)
SW 29-059-03	382944	01712	640						1079
SW 29-059-03	382946	01711	640	54.9	16.76	612.6		124.0	
SW 29-059-03	382942	01706	648	45.7	15.24	620.2		34.4	
03 29-059-03	382960	01690	640	44.2	12.19				
NW 29-059-03	382962	01697	651	35.1	10.67				1875
SW 29-059-03	382941	01707	640	33.5					1581
NE 29-059-03	382964	01696	644	42.7					1780
NE 29-059-03	382966	01695	644						1292
SW 29-059-03	382934	01704	640	61.0	18.29				1629
04 29-059-03	382940	01694	655	50.3	22.86	637.0		18.4	1250
SW 29-059-03	382933	01717	643	48.8	33.53				1082
SW 29-059-03	382932	01708	640	48.8					1844
SW 29-059-03	382950	01718	640	73.2	24.38	606.5		10.1	
SW 29-059-03	382937	01715	640	49.1	17.37				1038
04 29-059-03	382931	01691	648	35.1	12.19	625.7		12.8	1679
04 29-059-03	382928	01693	643	44.2	14.63	617.2			
SE 29-059-03	382920	01702	641	24.4	5.49	619.7		2.6	
SW 29-059-03	382926	01709	640	43.0	12.80	612.6		30.9	
04 29-059-03	382925	01692	643	36.6	12.19	612.6			
SW 29-059-03	382924	01716	640	57.9	21.33				
SW 29-059-03	382924	01716	640	57.9	21.33				1364
SW 29-059-03	382923	01710	643	38.1	18.29	620.6			1336
SW 29-059-03	382905	01703	643	73.2	24.38	609.6		10.1	
SE 29-059-03	382922	01698	641	70.1					1700
SE 29-059-03	382917	01700	641	52.1	27.43				
SE 29-059-03	382919	01699	641	39.3	24.38				
SW 29-059-03	382929	01705	640	57.9	21.33				1017
SE 29-059-03	388853	01701	641	13.7	1.22	636.4			580
SE 30-059-03	365246	01724	648	61.0					
NE 30-059-03	361817	01721	644	36.6					
01 30-059-03	382968	01719	649	89.9	9.14	606.2			984
01 30-059-03	382968	01719	649	89.9	9.14	606.2			1114
NE 30-059-03	382970	01720	657	38.1	10.67	633.0			
NW 30-059-03	382969	01723	652	54.9	18.29	619.3		3.5	
NE 30-059-03	382972	01722	644	36.6					
SE 30-059-03	382967	01725	648	61.0					1087
NW 31-059-03	357815	01728	666	61.0	21.33	623.7		1.4	
SW 31-059-03	379176	01731	657	51.8	20.73	637.6		14.1	
NW 31-059-03	382976	01729	666	61.0	21.33	623.7		1.4	
NE 31-059-03	382979	01726	664	70.1	18.29	647.2			1129
SW 31-059-03	382975	01732	663	61.0					1216
SE 31-059-03	382973	01730	654	44.8					
NE 31-059-03	382982	01727	664	48.8	11.58	628.6		0.1	
NE 32-059-03	382990	01736	656						1022
SE 32-059-03	382985	01738	652	45.7	3.05				964

Water Wells From Groundwater Database

Completed in a Bedrock Aquifer

Legal Location W5M	AEP Number	hc Number	Ground Elevation (m) AMSL	Completed Depth (m)	NPWL (m)	Bedrock Surface Elevation (m) AMSL	Total Thickness Sand / Gravel Below 15 (m)	Apparent Trans-missivity (m^2/day)	TDS (mg/L)
01 32-059-03	382988	01734	648	53.3	2.44	633.1		2.3	998
NE 32-059-03	382989	01737	656	27.1					
15 32-059-03	382991	01735	656	18.3	3.66				1198
SE 33-059-03	355859	01748	663	27.4	6.10	654.0		22.8	
NW 33-059-03	382995	01747	655	35.1	6.10				1000
NW 33-059-03	382994	01746	661	45.7					1049
NE 33-059-03	388855	01743	670	43.6	18.29	657.9			
NE 33-059-03	388854	01742	670	40.8					408
SW 34-059-03	363013	01752	668	42.7	7.62	655.7		10.9	
NW 34-059-03	383009	01751	676						813
SW 34-059-03	383004	01753	668	42.7	7.62	655.7		10.9	
SE 35-059-03	383014	01760	671	28.4	4.57	666.0		124.3	
08 35-059-03	383011	01754	666	25.9	4.88	650.0			
SE 35-059-03	383010	01761	669	18.3	3.66				393
SE 35-059-03	383010	01761	669	18.3	3.66				498
11 35-059-03	383016	01756	669	54.9	14.63	661.7		20.1	
NW 35-059-03	383018	01758	671	42.7	15.85	662.9		47.6	
NW 35-059-03	383024	01759	671	54.9	18.90	656.2		1.6	
NE 35-059-03	383026	01757	663	54.9	7.01	650.4		1.7	
NE 36-059-03	383044	01766	652	76.2	12.19	624.8			2368
NE 36-059-03	383042	01767	649	85.3	12.80	588.2			2794
NW 36-059-03	383038	01769	656	42.7	4.57				
NW 36-059-03	383039	01768	656	36.6	3.96				
NW 36-059-03	383036	01770	656	25.6	3.66	644.6		6.3	
NE 36-059-03	383043	01765	649	57.9					752
04 36-059-03	383033	01762	666	45.7		656.6			
SW 01-059-04	350946	01779	663	51.2	9.14	656.5		0.1	
SW 01-059-04	382395	01780	666	92.7		659.0			
16 01-059-04	382413	01775	669	53.0					
16 01-059-04	382414	01776	669	79.2					
SW 01-059-04	382398	01781	663	97.5					848
09 01-059-04	382401	01772	670	77.7	3.66	650.3		0.1	
NW 01-059-04	382400	01778	656	32.3	1.83				
16 01-059-04	382408	01777	669	99.7					1754
NE 02-059-04	351300	01783	649	36.6	4.57	641.7		1.4	
SW 02-059-04	382016	01784	653	54.9					902
NE 02-059-04	382427	01782	649	41.5	4.88				
SE 03-059-04	382428	01786	653	54.9					
NE 03-059-04	382429	01785	655	36.6	12.19	651.6		4.2	1416
NE 04-059-04	366610	01788	650	45.7	12.19	624.7		4.1	
SW 04-059-04	382433	01794	652	48.8	6.10	627.7		13.7	
SE 04-059-04	382430	01793	654	62.5	6.40				392
NW 04-059-04	382435	01791	657	35.1	15.24	633.9			2556
NW 04-059-04	382436	01789	649	94.5	12.19	603.9		5.1	1187
NW 04-059-04	382435	01791	657	35.1	15.24	633.9			1474

Water Wells From Groundwater Database

Completed in a Bedrock Aquifer

Legal Location W5M	AEP Number	hc Number	Ground Elevation (m) AMSL	Completed Depth (m)	NPWL (m)	Bedrock Surface Elevation (m) AMSL	Total Thickness Sand / Gravel Below 15 (m)	Apparent Trans-missivity (m^2/day)	TDS (mg/L)
NW 04-059-04	382435	01791	657	35.1	15.24	633.9			1576
NW 04-059-04	382434	01790	657	38.4	10.97	638.5			1115
11 04-059-04	382432	01787	650	41.2	12.50	632.2		105.8	
SE 04-059-04	382431	01792	654	27.4	6.10				831
03 05-059-04	382505	01795	653	35.1	12.19	643.7		28.5	
SW 05-059-04	382440	01800	655	44.2	12.19	627.9		91.4	945
SE 05-059-04	382437	01799	649	35.1	4.57	625.4		13.8	1366
SW 05-059-04	382438	01802	655	61.0	16.76				2382
NW 05-059-04	382509	01798	655	73.2	24.38				977
SW 05-059-04	382504	01801	652	35.1					4163
03 05-059-04	382439	01796	655	41.2	12.19	627.9			
SW 05-059-04	388533	01803	652	50.3	12.19	617.8			1890
SW 05-059-04	388533	01803	652	50.3	12.19	617.8			
SW 06-059-04	351301	01810	656	105.2	15.24	637.5		2.4	
NW 06-059-04	365272	01808	649	108.2					
NW 06-059-04	382525	01809	649	62.5	0.61	601.6		74.9	
13 06-059-04	382526	01804	648	96.0	4.57	566.6		0.7	1307
NE 06-059-04	382528	01806	649	38.7	2.44	624.5			2326
NE 06-059-04	382531	01805	654	61.9	7.62	651.0			2272
NE 06-059-04	382536	01807	658	97.5	3.05	617.2		0.5	111
SW 06-059-04	382513	01811	656	91.4	15.24	634.5		0.1	
NE 06-059-04	382536	01807	658	97.5	3.05	617.2		0.5	1212
SW 06-059-04	382511	01812	656	47.2	18.29	628.4			
SW 06-059-04	382512	01813	656	54.9					2434
NE 06-059-04	382531	01805	654	61.9	7.62	651.0			2539
NW 07-059-04	382538	01815	648	33.5					1720
SW 08-059-04	388537	01819	646	137.2	36.57				1195
04 08-059-04	388536	01816	652	143.3	21.33				1317
SW 08-059-04	388579	01818	646	65.5					1150
04 08-059-04	388580	01817	647	65.5	2.44	587.6			
SW 09-059-04	382540	01822	646	61.0	18.29				
NE 09-059-04	382541	01820	644	91.4					1034
SE 09-059-04	382539	01821	646	42.1	3.66	636.9		3.1	
NW 10-059-04	382542	01826	643	50.3					1055
NW 10-059-04	382543	01825	643	45.7	6.10				1029
NW 10-059-04	388539	01824	643	64.0	9.14	604.0		74.7	
NW 10-059-04	388538	01827	646	59.4	9.75				980
SE 11-059-04	381226	01831	640	76.2	45.72				
SW 11-059-04	368995	01835	643	134.1	15.24	627.5		0.1	
NW 11-059-04	365719	01829	640	41.2	5.49	623.3		1.3	
SW 11-059-04	369174	01834	643	61.0	2.13	634.2		0.1	
SE 11-059-04	382544	01830	640	48.8					1940
01 11-059-04	383078	01828	658	44.8	10.06	653.8		9.3	
SW 11-059-04	382545	01833	643	35.1					
NE 12-059-04	382551	01836	646	76.2	9.14				1442

Water Wells From Groundwater Database

Completed in a Bedrock Aquifer

Legal Location W5M	AEP Number	hc Number	Ground Elevation (m) AMSL	Completed Depth (m)	NPWL (m)	Bedrock Surface Elevation (m) AMSL	Total Thickness Sand / Gravel Below 15 (m)	Apparent Trans-missivity (m^2/day)	TDS (mg/L)
NE 12-059-04	382551	01836	646	76.2	9.14				1634
SE 12-059-04	382546	01839	658	32.9					1106
NW 12-059-04	382550	01838	639	57.9	3.05	623.3		0.1	1550
NW 12-059-04	382550	01838	639	57.9	3.05	623.3		0.1	430
SW 12-059-04	382549	01842	646	51.8	11.28				
SW 12-059-04	382548	01840	646	38.7	7.62				
SW 12-059-04	382547	01843	646	75.3	4.88				
SW 12-059-04	388541	01841	646	39.6					1048
SE 13-059-04	361818	01851	640	85.3	22.86	605.0		0.5	
02 13-059-04	371098	01844	640	114.3	32.00	606.5		0.1	
SE 13-059-04	350825	01849	640	73.2	9.75	625.4		0.5	
SE 13-059-04	376647	01850	640	56.4	3.05	623.2		1.8	
13 13-059-04	382553	01846	640	45.7	4.57	606.5			
SE 13-059-04	382552	01848	640	48.8	11.28				
09 13-059-04	388547	01845	640	54.9	6.10	614.1			1098
NE 13-059-04	388545	01847	640	36.6					1320
NW 14-059-04	382648	01854	640	62.5					957
SW 14-059-04	382630	01855	640	26.5	12.19	625.4		21.3	
SW 14-059-04	382627	01859	640	134.1	18.29	621.7		0.1	
NE 14-059-04	382650	01852	640	50.3	9.14	606.5			907
SW 14-059-04	382625	01857	640	36.6	19.81				1434
SW 14-059-04	388560	01858	640	51.8	9.14				
SW 14-059-04	388564	01856	640	51.5	8.53				1046
NW 15-059-04	382660	01862	643	76.2					1160
SE 15-059-04	382653	01863	640	54.9	5.49	598.0			
05 15-059-04	382654	01860	642	67.1	6.10	613.1		0.1	
NE 17-059-04	350826	01876	646	48.8	6.10	632.3		5.5	
NE 17-059-04	382714	01875	646	29.9	3.66				865
SW 17-059-04	382702	01878	646	24.4	6.10	627.7			
SW 18-059-04	382726	01886	650	32.0	4.57	632.8		10.1	
SW 19-059-04	350523	01895	654	33.5	10.67	638.8		29.6	
SE 19-059-04	382737	01894	652	125.0	121.91				964
NE 19-059-04	382750	01893	652	21.3	6.40	638.5			868
NW 20-059-04	382763	01901	652	57.9	10.67				1203
NE 20-059-04	382771	01900	649	100.6	9.14	630.9			
NW 21-059-04	359753	01908	648	114.3	6.10	631.0		0.1	
NE 21-059-04	354099	01905	646	54.9	6.10	618.6		18.0	
SE 21-059-04	382781	01910	648	62.5	7.92	622.1		7.4	
SE 21-059-04	382778	01909	644	59.4	9.14	626.0			1001
04 21-059-04	382787	01902	645	56.4	6.10	615.7		0.1	1976
11 21-059-04	382802	01903	652	22.9	15.24				1003
SW 21-059-04	388566	01914	646	91.4	9.14	625.3		0.3	
NW 22-059-04	356149	01915	645	38.1	4.57	630.2		3.7	
NW 22-059-04	382810	01917	645	25.9					1445
NW 22-059-04	382808	01918	660	47.2	6.71	629.4			1115

Water Wells From Groundwater Database

Completed in a Bedrock Aquifer

Legal Location W5M	AEP Number	hc Number	Ground Elevation (m) AMSL	Completed Depth (m)	NPWL (m)	Bedrock Surface Elevation (m) AMSL	Total Thickness Sand / Gravel Below 15 (m)	Apparent Trans-missivity (m^2/day)	TDS (mg/L)
SW 22-059-04	382807	01919	648	76.2					1160
NW 22-059-04	382811	01916	645	61.0					
SE 23-059-04	352923	01921	640	36.6	10.06				
SE 23-059-04	382813	01920	640	44.2	10.67	606.5		0.1	2080
SE 24-059-04	351664	01926	640	59.4	6.10	600.4		28.1	
NW 24-059-04	382857	01924	657	57.9	19.81	620.2			
03 24-059-04	382856	01922	640	45.7	5.49	629.6		2.6	
SE 25-059-04	382859	01939	652	36.6	3.05				1402
03 25-059-04	382866	01933	645	54.9	12.19				
SE 25-059-04	382860	01938	646	55.8	13.72				
16 25-059-04	382868	01934	650	68.6	21.33				1016
NE 25-059-04	382867	01935	650	36.6					1147
SE 25-059-04	382862	01936	646	42.7	4.57	624.3		9.3	
03 25-059-04	382865	01932	645	54.9	12.19				
SW 25-059-04	382864	01940	647	47.2	15.24	619.6		39.7	
SE 26-059-04	382869	01943	649	48.8					1664
SE 26-059-04	382869	01943	649	48.8					2211
SW 26-059-04	382870	01944	655	36.6	2.44	640.1		4.9	
NE 26-059-04	382873	01941	654	48.8					1183
NW 26-059-04	382872	01942	652	64.0	9.75	608.1			1030
SW 26-059-04	382871	01945	650	68.6	18.29	594.8			
SW 27-059-04	382874	01949	651	44.2	6.10	644.9			
NW 27-059-04	382878	01946	655	44.2					
01 28-059-04	382879	01950	652	44.2	3.66	640.1		21.3	
NW 28-059-04	382886	01953	654	50.3	15.24	632.7			
SW 28-059-04	382882	01955	652	50.0	18.29	627.9		4.2	1890
NE 28-059-04	382890	01951	653	45.7					1400
SW 29-059-04	363014	01961	653	18.3	2.74	642.4		1.9	
11 29-059-04	382900	01957	656	16.8	3.66	646.4			
SE 29-059-04	382896	01959	652	85.3	7.62	623.3		4.0	
13 30-059-04	382948	01967	652	8.5					
01 30-059-04	382903	01962	655	17.1	3.35	647.2		15.2	
SW 30-059-04	382906	01971	652	50.3	3.05	634.0		6.0	
02 30-059-04	382902	01963	652	18.3	3.66	638.5		51.1	1272
NE 32-059-04	382956	01976	671	71.6	15.24	631.4		1.1	745
08 32-059-04	382955	01975	648	44.2	13.41	621.8		2.6	
02 33-059-04	382957	01977	658	61.0	21.33	636.4		21.6	
NW 33-059-04	382961	01979	660	36.6	24.38				723
12 33-059-04	382965	01978	664	56.7	6.10				924
NW 33-059-04	382963	01980	655	35.1	6.10	637.0			
SE 33-059-04	382959	01981	663	45.7					
SW 34-059-04	369175	01985	665	73.2	15.85	655.6		0.1	
NE 34-059-04	363938	01983	669	38.1	13.72	641.6		3.8	1310
01 34-059-04	382974	01982	655	73.2		609.6			
SE 34-059-04	382971	01984	665	57.9	24.38	615.7		0.1	1353

Water Wells From Groundwater Database

Completed in a Bedrock Aquifer

Legal Location W5M	AEP Number	hc Number	Ground Elevation (m) AMSL	Completed Depth (m)	NPWL (m)	Bedrock Surface Elevation (m) AMSL	Total Thickness Sand / Gravel Below 15 (m)	Apparent Trans-missivity (m^2/day)	TDS (mg/L)
SW 35-059-04	363884	01994	662	68.6	21.33	642.2		2.2	
NW 35-059-04	382984	01993	670	73.2	9.14	656.6		0.1	
NE 35-059-04	382986	01992	663	25.0	2.44				
NW 36-059-04	350827	02000	670	48.8	15.24	640.9		2.7	
NE 36-059-04	383005	01999	661	54.9	19.81	635.2			
09 36-059-04	383006	01998	657	41.2	9.14	643.1		2.9	1487
04 36-059-04	383003	01996	660	25.9	15.24				890
SW 36-059-04	383001	02004	669	44.2	15.24	646.3		10.7	1086
08 36-059-04	382997	01997	657	32.0	4.57	646.3		13.8	
NW 36-059-04	388572	02002	657	24.7	10.67				1093
NW 36-059-04	388574	02001	657	25.9	18.29				695
NE 01-059-05	368996	02007	649	115.8	15.24	615.5		0.1	
NE 01-059-05	364151	02005	649	85.3					
NE 01-059-05	382827	02006	652	36.6	3.66	621.8			2124
SE 01-059-05	388812	02008	653	47.2	4.57	621.5			
SE 01-059-05	388811	02010	657	30.5					2154
SW 02-059-05	354100	02013	653	85.3	11.58	627.1		0.1	
04 02-059-05	382829	02011	655	59.4	3.66	609.0			
04 02-059-05	382828	02012	655	77.7	3.66	609.6			
SW 03-059-05	350524	02016	669	81.7	8.84	627.9			
04 03-059-05	382832	02014	655	91.4	22.86	623.3		2.6	
SE 03-059-05	382830	02015	655	68.6	12.19	607.1		1.2	923
NW 04-059-05	382834	02017	671	68.9	10.97	634.8		1.6	
13 05-059-05	382839	02019	671	36.6	4.57	654.2		7.2	
03 05-059-05	382836	02018	654	61.0	6.71	626.3		0.5	
16 06-059-05	382844	02021	671	77.7	15.24	606.4			
05 06-059-05	382842	02020	669	64.0		661.7			
SE 07-059-05	383046	02025	671	32.0	12.19	651.3		2.1	
NE 07-059-05	383047	02023	680	50.3	9.14	643.4		1.5	
SE 07-059-05	382848	02026	672	45.7					1277
SE 08-059-05	381346	02028	697	61.0	50.29	691.0		5.1	
SE 09-059-05	356130	02032	669	74.7	9.14	644.6		0.1	
06 09-059-05	383049	02029	676	74.7	9.14	651.4		0.1	
NE 09-059-05	383050	02030	671	33.5					791
NE 09-059-05	383051	02031	658	88.4	24.38				2994
05 10-059-05	365526	02033	671	96.0	21.33	649.7		0.1	
08 11-059-05	369933	02035	650	36.6	16.76	638.4		0.1	
SE 11-059-05	383052	02036	651	25.0	18.29	635.5			
NE 12-059-05	383055	02037	650	33.5					59
NE 12-059-05	383055	02037	650	33.5					2017
SH 12-059-05	390472	02038	649	21.9	5.79	637.4		4.2	
SE 13-059-05	366207	02040	651	73.2	10.97	620.5		0.1	
SE 13-059-05	383057	02042	652	42.7	9.14				1616
SW 13-059-05	383060	02043	652	48.8	6.10	637.0		1.9	
SE 13-059-05	383057	02042	652	42.7	9.14				1414

Water Wells From Groundwater Database

Completed in a Bedrock Aquifer

Legal Location W5M	AEP Number	hc Number	Ground Elevation (m) AMSL	Completed Depth (m)	NPWL (m)	Bedrock Surface Elevation (m) AMSL	Total Thickness Sand / Gravel Below 15 (m)	Apparent Trans-missivity (m^2/day)	TDS (mg/L)
SE 13-059-05	383057	02042	652	42.7	9.14				1820
SE 13-059-05	383058	02041	651	91.4	7.31	637.3		0.1	
NE 13-059-05	383062	02039	653	18.3	4.57	642.9		3.8	
NW 14-059-05	383070	02045	655	20.4	4.27	638.2			
SE 14-059-05	383066	02046	653	121.9					1393
NW 15-059-05	383138	02048	652	44.2					869
SW 15-059-05	383137	02050	659	38.1	1.52	628.7			
SE 16-059-05	383143	02055	664	50.9	4.88	640.9			
SE 16-059-05	383141	02052	655	15.9	12.19				944
SE 16-059-05	383139	02053	655	36.6	6.10				1040
SE 16-059-05	383139	02053	655	36.6	6.10				978
SE 16-059-05	383139	02053	655	36.6	6.10				910
SE 16-059-05	383140	02054	655	39.0	2.44				1086
SE 18-059-05	354785	02057	683	51.2					1436
SW 18-059-05	383145	02058	675	41.2	9.14	644.7			
NE 19-059-05	366116	02059	666	62.5	9.14	647.7		0.1	
NE 19-059-05	383157	02096	653	71.6	6.40	630.3		0.1	
NE 19-059-05	383146	02060	666	54.9					1155
NE 19-059-05	383147	02105	656	54.9	12.19	622.7			
NE 19-059-05	383148	02102	657	48.8	7.31	612.6			
NE 19-059-05	383150	02103	656	57.9	9.14	622.1			
NE 19-059-05	383153	02097	653	77.7	9.14	616.3		0.1	
NE 19-059-05	383149	02061	656	70.1	12.19	628.8			
NE 19-059-05	383159	02098	653	54.9	5.79	632.1		0.1	
NE 19-059-05	383162	02094	655	96.0	5.49	644.0			
NE 19-059-05	383188	02074	655	96.0	5.18	638.8			
NE 19-059-05	383171	02065	655	73.8	5.49	640.1			
NE 19-059-05	383172	02062	655	91.4	4.88	641.0			
NE 19-059-05	383173	02063	655	96.9	4.88	639.4			
NE 19-059-05	383175	02064	655	27.4	5.49	643.1			
NE 19-059-05	383177	02079	655	27.4	5.49	642.8			
NE 19-059-05	383178	02088	655	54.9	5.18	641.6			
NE 19-059-05	383180	02068	655	50.9	5.49	647.7			
NE 19-059-05	383181	02085	655	45.7	5.49	641.9			
NE 19-059-05	383182	02073	655	96.0	5.49	640.1			
NE 19-059-05	383183	02071	655	68.6	5.49	631.8			
NE 19-059-05	383151	02101	655	64.0	15.24	621.8			
NE 19-059-05	383191	02086	655	46.3		632.4			
NW 19-059-05	388810	02107	667	50.3					3893
NE 19-059-05	383205	02081	655	32.0	5.18	638.8			
NE 19-059-05	383220	02070	655	54.9	5.49	645.8			
NE 19-059-05	383200	02084	655	41.8		634.3			
NE 19-059-05	383222	02077	655	18.9	5.49	644.6			
NE 19-059-05	383190	02075	655	96.0	5.49	644.3			
NE 19-059-05	383202	02072	655	73.2	4.88	636.4			

Water Wells From Groundwater Database

Completed in a Bedrock Aquifer

Legal Location W5M	AEP Number	hc Number	Ground Elevation (m) AMSL	Completed Depth (m)	NPWL (m)	Bedrock Surface Elevation (m) AMSL	Total Thickness Sand / Gravel Below 15 (m)	Apparent Trans-missivity (m^2/day)	TDS (mg/L)
NE 19-059-05	383195	02092	655	73.2		637.3			
NE 19-059-05	383221	02083	655	36.6	5.18	647.7			
NE 19-059-05	383219	02082	655	36.6	5.43	648.0			
NE 19-059-05	383198	02091	655	64.0	6.10	638.8			
NE 19-059-05	383217	02089	655	57.6	5.49	640.1			
NE 19-059-05	383216	02069	655	51.2	5.33	631.8			
NE 19-059-05	383215	02095	655	96.0	5.49	631.5			
NE 19-059-05	383214	02067	655	50.3	5.18	630.9			
NE 19-059-05	383211	02090	655	59.4	5.49	633.7			
NE 19-059-05	383207	02076	655	96.0	5.49	643.1			
NE 19-059-05	383223	02078	655	27.4	5.49	641.3			
NE 19-059-05	383224	02080	655	28.0		644.6			
NE 19-059-05	383225	02093	655	74.7	5.49	648.0			
NE 19-059-05	383317	02100	666	106.7					1013
NE 19-059-05	383318	02066	666	86.9					1558
NE 19-059-05	383319	02099	666	48.8					
NE 19-059-05	383317	02100	666	106.7					898
NE 19-059-05	383218	02087	655	51.2	5.49	638.8			
00 20-059-05	361822	02110	671	54.9					
SE 20-059-05	361821	02137	671	56.4					
SE 20-059-05	367107	02132	671	76.2					
SE 20-059-05	363816	02131	671	54.9					
NW 20-059-05	366117	02125	666	68.6	22.86	618.8		0.1	
NW 20-059-05	351507	02121	666	68.6	25.91	646.5			
SE 20-059-05	383327	02135	671	79.2	19.81	648.8		0.1	
NW 20-059-05	383341	02128	655	57.9	2.44	646.2			632
NW 20-059-05	383342	02126	655	67.1	16.76	618.7		1.8	875
NW 20-059-05	383344	02124	655	57.9	7.31	627.9		1.2	
NW 20-059-05	383347	02122	666	53.3	9.14	626.4			
NW 20-059-05	383348	02120	666	50.3	13.72	621.8		4.8	
NH 20-059-05	383407	02119	667	30.5					1175
SW 20-059-05	383336	02140	671	67.1	19.81	627.9		1.6	954
NE 20-059-05	383409	02118	671	97.5	14.63	622.1		0.1	
NE 20-059-05	383411	02117	671	67.1	15.24	613.3		0.1	
NE 20-059-05	383412	02115	671	36.6					1013
NE 20-059-05	383415	02114	671	33.5					1488
NE 20-059-05	383416	02112	671	73.2	12.19	629.8		0.3	
NW 20-059-05	383349	02127	666	56.4					1418
SW 20-059-05	383337	02142	670	67.1	9.14	633.8		1.0	
SW 20-059-05	383334	02143	671	57.9	36.57				894
SW 20-059-05	383333	02145	670	68.6	27.43				1068
SW 20-059-05	383329	02144	670	50.3	18.29				979
SE 20-059-05	383325	02133	671	79.2	22.86	600.6		0.1	
SE 20-059-05	383324	02138	671	68.6	18.29	636.9		1.0	
SW 20-059-05	383329	02144	670	50.3	18.29				811

Water Wells From Groundwater Database

Completed in a Bedrock Aquifer

Legal Location W5M	AEP Number	hc Number	Ground Elevation (m) AMSL	Completed Depth (m)	NPWL (m)	Bedrock Surface Elevation (m) AMSL	Total Thickness Sand / Gravel Below 15 (m)	Apparent Trans-missivity (m^2/day)	TDS (mg/L)
SE 20-059-05	383323	02129	671	54.9	26.52	626.5		10.7	
SE 20-059-05	383322	02130	671	66.1	21.33	634.0		0.7	
SE 20-059-05	383321	02134	671	51.8	10.67	637.0		2.4	
SE 20-059-05	383320	02136	661	70.1	9.14	655.3		0.1	
NE 20-059-05	383408	02113	671	36.6					934
·· 20-059-05	383420	02108	667	85.3					965
SW 20-059-05	383338	02141	670	121.9	9.14	633.8		0.1	
·· 20-059-05	383421	02109	667	62.5					967
·· 20-059-05	383420	02108	667	85.3					252
NW 20-059-05	383404	02123	666	68.6	15.24	643.1		2.0	
SE 21-059-05	360042	02150	663	44.2	16.76	638.5		8.1	994
SE 21-059-05	360042	02150	663	44.2	16.76	638.5		8.1	1015
NW 21-059-05	383422	02149	667	36.6					1071
NE 21-059-05	383424	02146	652	44.2	6.10	634.0		4.3	
NE 21-059-05	383426	02147	652	70.1	21.33	630.9			
NE 21-059-05	383427	02148	652	44.2	21.33	624.8			
SW 22-059-05	352919	02154	657	80.8	27.43	629.6		0.1	
SW 22-059-05	383429	02152	652	44.2	10.67	623.3		5.7	
SW 22-059-05	383433	02153	657	35.1		629.6			
SW 23-059-05	354583	02161	655	56.4	2.74	640.0		2.6	
SW 23-059-05	383441	02160	655	50.3	8.53	640.0		11.7	1198
NW 23-059-05	383453	02155	657	35.1	9.14	632.0		1.6	
SW 23-059-05	383451	02162	655	61.6	7.01	640.0		0.2	
SW 23-059-05	383447	02163	655	54.9					921
SW 23-059-05	383437	02159	654	36.6	6.10	644.6			1012
SE 23-059-05	383436	02156	657	33.5					1232
SW 23-059-05	383449	02165	655	45.7					1479
NE 24-059-05	356031	02170	657	36.6	5.49	642.4		3.0	
SE 24-059-05	359820	02178	655	27.4	7.62	635.2		58.0	
SW 24-059-05	361824	02181	657	76.2					
NE 24-059-05	357081	02169	657	33.5					
NE 24-059-05	383241	02168	655	35.1	3.05	643.1			1370
NE 24-059-05	383241	02168	655	35.1	3.05	643.1			1096
NW 24-059-05	383230	02173	657	64.0	7.62	638.7		10.7	1515
NW 24-059-05	383228	02172	655	50.3	3.66	634.0		1.4	
SE 24-059-05	383454	02179	652	23.2	8.84				2220
NW 24-059-05	383232	02171	657	32.0	6.10	635.7			
NW 24-059-05	383238	02174	657	44.2	5.49	629.6		0.1	796
NW 24-059-05	383226	02176	655	41.2	2.44	629.4			
NE 25-059-05	383253	02184	661	51.8	15.24	616.8		3.2	
SW 25-059-05	383251	02186	659	128.0	12.19	633.1		0.1	
SW 25-059-05	388813	02187	658	33.5	6.10	633.4			986
SW 25-059-05	388813	02187	658	33.5	6.10	633.4			953
SW 25-059-05	383250	02185	659	36.6	12.19	634.6		6.9	
SE 26-059-05	364834	02189	660	42.7	7.62	648.9		0.1	

Water Wells From Groundwater Database

Completed in a Bedrock Aquifer

Legal Location W5M	AEP Number	hc Number	Ground Elevation (m) AMSL	Completed Depth (m)	NPWL (m)	Bedrock Surface Elevation (m) AMSL	Total Thickness Sand / Gravel Below 15 (m)	Apparent Trans-missivity (m^2/day)	TDS (mg/L)
SW 26-059-05	356032	02193	658	73.2	13.72	643.1		1.7	
SW 26-059-05	383274	02192	658	47.2					1674
SW 26-059-05	383288	02197	655	57.9	7.62				
SW 26-059-05	383287	02196	655	27.4	3.96				1340
SW 26-059-05	383286	02203	658	103.6	21.33	658.3			
SW 26-059-05	383285	02194	658	32.0					
SW 26-059-05	390679	02195	658	32.0					
SW 26-059-05	383282	02204	658	30.5	12.19	635.1		2.0	
SW 26-059-05	383275	02201	658	50.3	4.57	633.9			
SW 26-059-05	383272	02205	658	50.3	9.75	638.5		1.5	
SW 26-059-05	383268	02206	658	47.9	9.14	635.4		0.1	1224
SW 26-059-05	383268	02206	658	47.9	9.14	635.4		0.1	1454
SW 26-059-05	383267	02207	657	86.9	9.14				2154
SW 26-059-05	383267	02207	657	86.9	9.14				2043
SW 26-059-05	383266	02200	657	48.8					1828
NW 26-059-05	383289	02188	656	33.5	6.10	634.9			
SW 26-059-05	383283	02199	658	41.2	12.19	644.6		0.1	
SW 28-059-05	354619	02211	665	105.2	15.24	643.7		0.1	
NE 28-059-05	369176	02208	658	61.0	10.67	642.8		1.3	
SE 28-059-05	352922	02210	659	48.8	18.29	634.9		10.2	
NE 28-059-05	383290	02209	658	45.7	4.57	643.4		0.1	
SW 29-059-05	388815	02223	654	70.1					1134
SW 29-059-05	388818	02224	667	45.7	27.43				1469
SW 29-059-05	388817	02221	654	70.1	28.35	606.5			1532
SW 29-059-05	388814	02217	655	70.1	28.35				670
SW 29-059-05	388814	02217	655	70.1	28.35				966
SW 29-059-05	388815	02223	654	70.1					1056
SW 29-059-05	388815	02223	654	70.1					1342
SW 29-059-05	388816	02222	666	54.9	3.66				1520
SW 29-059-05	388816	02222	666	54.9	3.66				1126
SW 29-059-05	388816	02222	666	54.9	3.66				865
SW 29-059-05	388817	02221	654	70.1	28.35	606.5			1526
SW 29-059-05	388817	02221	654	70.1	28.35	606.5			1500
SE 29-059-05	383291	02216	658	56.4	18.29	615.7		2.1	
SW 29-059-05	383293	02218	671	66.1	28.35				1106
SW 29-059-05	383293	02218	671	66.1	28.35				1180
SW 29-059-05	383294	02220	654	88.4	35.66				794
SW 29-059-05	383294	02220	654	88.4	35.66				777
SW 29-059-05	383293	02218	671	66.1	28.35				1041
.. 29-059-05	383298	02212	671	54.9	18.29	619.2		0.1	
NE 29-059-05	383297	02213	668	48.8	33.53				1176
NW 29-059-05	383296	02214	671	91.4	53.34				808
NW 29-059-05	383296	02214	671	91.4	53.34				781
NW 29-059-05	383296	02214	671	91.4	53.34				782
SW 29-059-05	383295	02219	654	73.2	8.93	638.5			951

Water Wells From Groundwater Database

Completed in a Bedrock Aquifer

Legal Location W5M	AEP Number	hc Number	Ground Elevation (m) AMSL	Completed Depth (m)	NPWL (m)	Bedrock Surface Elevation (m) AMSL	Total Thickness Sand / Gravel Below 15 (m)	Apparent Trans-missivity (m^2/day)	TDS (mg/L)
SW 29-059-05	383295	02219	654	73.2	8.93	638.5			1295
NW 31-059-05	360283	02226	662	68.6	15.24	627.0		16.8	
NE 31-059-05	383300	02225	657	48.2	6.64	618.7			918
SE 31-059-05	383299	02227	663	48.8	14.02	651.1			849
NE 32-059-05	383301	02228	660	32.0	7.62				1044
SE 34-059-05	383303	02231	654	53.3	7.62				910
SW 34-059-05	383309	02236	660	18.3					1013
SW 34-059-05	383308	02233	654	48.8	9.14				968
SE 34-059-05	383304	02230	659	96.9					
SW 34-059-05	383307	02234	653	94.5	9.14	612.0			
SE 34-059-05	383305	02232	659	96.0	6.71	645.3		0.1	
SW 34-059-05	383306	02235	654	31.7	5.49	641.6		16.5	
NE 35-059-05	383313	02237	665						1009
NW 35-059-05	383312	02238	657	27.4	12.19	648.3			
SW 35-059-05	383311	02240	655	44.2	9.75	637.0			
SE 35-059-05	383310	02239	659	59.4	7.92	646.4		0.5	
SE 36-059-05	383314	02243	648	18.3	3.05	639.1		25.9	1724
16 01-059-06	383017	02246	669	74.7	9.14	649.2			
14 01-059-06	383013	02245	655	19.8	6.10	640.1		3.3	958
NW 01-059-06	383012	02248	655	39.0	3.66	649.2			
NE 02-059-06	369066	02250	664	82.3	9.75	649.7		0.1	
NE 02-059-06	383019	02249	664	15.2					
10 10-059-06	383075	02252	665						3333
10 10-059-06	383075	02252	665						5155
NE 10-059-06	383074	02253	668	71.6					1543
SW 11-059-06	369067	02254	665	68.6	9.75	641.9		0.1	
SW 12-059-06	383079	02257	669	42.7	10.06	652.6		1.8	
15 12-059-06	383083	02255	686	45.4	13.72				2154
NE 12-059-06	383081	02256	684	56.7	13.72				1650
05 13-059-06	383086	02258	671	50.3					1646
SW 13-059-06	383084	02259	671	54.9	10.67	652.7		3.6	
08 14-059-06	383090	02260	671	46.6	15.24	650.6		3.3	
NE 14-059-06	383092	02261	669	48.8	10.67	655.0		1.8	
SE 14-059-06	383088	02262	663	45.7	9.14				2152
SE 23-059-06	383169	02266	667	65.5	12.80				
SE 23-059-06	383170	02265	667	64.0					
SE 23-059-06	383168	02264	660	76.2					1616
NW 27-059-06	357083	02271	671	42.1					
NW 27-059-06	354101	02272	671	27.4	9.14	652.2			2986
14 27-059-06	383184	02270	674	54.9					2226
NW 28-059-06	383189	02280	672	73.2	3.66	657.6		2.0	
09 28-059-06	383196	02276	671	35.1					
14 28-059-06	383194	02279	671	91.4					
14 28-059-06	383193	02278	671	73.2	9.14				858
09 28-059-06	383197	02275	671	30.5	7.31				

Water Wells From Groundwater Database

Completed in a Bedrock Aquifer

Legal Location W5M	AEP Number	hc Number	Ground Elevation (m) AMSL	Completed Depth (m)	NPWL (m)	Bedrock Surface Elevation (m) AMSL	Total Thickness Sand / Gravel Below 15 (m)	Apparent Trans-missivity (m^2/day)	TDS (mg/L)
14 28-059-06	383192	02277	671	57.9	12.19				
13 29-059-06	383201	02281	688	44.8	6.10	654.2			
SW 30-059-06	381229	02290	698	54.9					
SE 30-059-06	383203	02287	689	76.2	45.72				1128
08 30-059-06	383204	02286	690	76.2	24.38	647.7		0.8	
SW 30-059-06	383206	02289	698	42.7	18.29	673.7		2.7	
SE 31-059-06	383229	02292	696	64.0	18.29				980
NE 31-059-06	383231	02291	701	33.5					1053
13 32-059-06	383234	02296	693	67.1					
13 32-059-06	383235	02295	693	51.5					828
09 32-059-06	383237	02294	678	62.5	3.05	650.5		0.1	678
SE 32-059-06	383233	02297	679	41.2					998
NE 33-059-06	383239	02299	671	45.7	8.23	648.0		1.3	
16 33-059-06	383242	02298	670	38.1	6.10				
NE 34-059-06	383247	02301	668	152.4					1113
NW 35-059-06	383249	02303	666	48.8	9.14	651.8		0.1	
SE 25-059-07	381230	02304	704	45.7	16.76	680.3		1.0	
SW 02-060-02	356035	02322	632	103.6	21.33	612.1		0.1	
SW 02-060-02	372613	02325	632	48.8	13.72	620.2	18.3		
SW 02-060-02	364256	02320	632	36.6					
SW 02-060-02	372621	02321	632	91.4	19.81	623.7		0.1	
05 02-060-02	372620	02307	633	26.5	20.42	626.3			
05 02-060-02	372619	02310	633	25.9	21.33	624.8			1094
NW 02-060-02	372622	02313	637	91.4	24.38	624.7	21.0		
SW 02-060-02	372614	02324	621	43.6	17.07	607.4	3.1		
13 02-060-02	372623	02312	640	115.8		638.1		0.1	
SW 02-060-02	372612	02323	625	26.2	11.58				900
SW 02-060-02	372612	02323	625	26.2	11.58				700
05 02-060-02	372611	02308	633	48.8	7.62	590.0		1.4	
SE 02-060-02	372609	02314	631	105.2	6.10	597.5		2.5	
SE 02-060-02	372603	02316	631	87.2	9.14				1804
SE 02-060-02	372602	02317	631	103.6	21.33				
SE 02-060-02	372601	02318	631	87.2	12.19				1736
04 02-060-02	372618	02306	628	25.3	0.61	612.6			681
NE 03-060-02	372626	02329	640	54.9	12.19	628.2		1.4	
04 03-060-02	372624	02328	640	9.4	4.88	635.2			599
04 03-060-02	372625	02327	648	11.0	6.71	644.9			619
SW 04-060-02	372634	02344	656	32.0	17.98	646.4		11.4	
.. 04-060-02	372637	02330	655	54.9	9.14	634.8	5.8	1.2	1420
SW 04-060-02	372635	02345	656	36.6	10.67				
04 04-060-02	372633	02334	661	36.6	12.80	644.6		52.5	1136
SW 04-060-02	372632	02343	656	23.8	19.81				786
SE 04-060-02	372630	02341	655	30.5	9.14				928
01 04-060-02	372629	02331	646	32.0	7.62	629.2			
02 04-060-02	372628	02332	650	56.4	22.86	618.6		2.6	

Water Wells From Groundwater Database

Completed in a Bedrock Aquifer

Legal Location W5M	AEP Number	hc Number	Ground Elevation (m) AMSL	Completed Depth (m)	NPWL (m)	Bedrock Surface Elevation (m) AMSL	Total Thickness Sand / Gravel Below 15 (m)	Apparent Trans-missivity (m^2/day)	TDS (mg/L)
04 04-060-02	372627	02335	656	56.4	15.24	638.0		3.5	
10 04-060-02	372641	02338	654	91.4	45.72				4342
NE 04-060-02	372636	02340	654	32.0	2.44	646.4			
SE 05-060-02	372642	02350	662	61.0	22.86				754
03 05-060-02	372644	02346	663	59.4	6.10	657.9			
NW 05-060-02	372645	02348	674	27.4	12.19	667.5			
NW 05-060-02	372646	02347	672	29.0	13.72	662.9		70.5	1030
SE 05-060-02	366676	02349	662	41.2	16.76	650.1			
SE 05-060-02	372643	02351	662						746
NE 06-060-02	367638	02354	671	80.8	12.80	660.4			
SW 06-060-02	372647	02357	659	36.6		644.8		8.7	
SW 06-060-02	372648	02355	659	27.4	1.83	639.0			676
NE 06-060-02	372649	02352	673	21.3					557
NE 06-060-02	372650	02353	671	50.3	12.19	661.4		1.8	
SW 06-060-02	365720	02356	655	28.7		640.1			758
SE 07-060-02	372653	02361	674	54.9					1144
SE 07-060-02	372651	02360	677	48.8	12.19	642.2			
01 07-060-02	372652	02358	674	59.4	15.24	664.4		14.9	484
NE 07-060-02	372656	02359	674	92.3	24.38	665.9		0.1	
SE 07-060-02	372654	02362	674	68.6	18.29	668.0			
SW 07-060-02	372655	02363	671	36.6		655.3			1178
SW 07-060-02	372655	02363	671	36.6		655.3			1075
SW 07-060-02	372655	02363	671	36.6		655.3			1007
01 07-060-02	372652	02358	674	59.4	15.24	664.4		14.9	481
SW 08-060-02	372657	02369	678	48.8	21.33	650.7		22.4	
SW 08-060-02	372659	02368	678	29.3	27.43				888
SW 08-060-02	372660	02370	678	79.2	25.91	669.9		0.1	
NW 08-060-02	372661	02365	682	48.8	27.43				968
NW 08-060-02	369068	02366	673	50.3	24.99	668.4		1.8	
NW 08-060-02	372661	02365	682	48.8	27.43				1478
SW 08-060-02	372658	02371	678	48.8	21.33	650.7			
NE 10-060-02	372669	02372	640	42.7	12.19	621.8	1.5		
NE 10-060-02	372668	02373	640	61.0	30.48				520
NW 10-060-02	372667	02374	653	22.9	3.05	644.1		42.6	
SE 10-060-02	372664	02375	654	42.7	27.43				2677
16 11-060-02	372670	02378	625	47.6	6.10	596.8		0.1	1290
16 11-060-02	372670	02378	625	47.6	6.10	596.8		0.1	1200
NE 11-060-02	364214	02379	631	45.7	15.24	621.8		2.4	
SW 11-060-02	376654	02380	641	109.7	22.86	637.6			
NW 12-060-02	372675	02385	625	115.8	3.05				1867
14 12-060-02	372677	02383	633	32.0	3.05	613.2		0.1	
SE 15-060-02	372688	02393	648	48.8					1242
13 15-060-02	372691	02392	646	8.5	2.44	642.0			
SE 15-060-02	372689	02394	644	45.7	10.67	620.0		1.6	
SW 15-060-02	372690	02395	654	32.0	10.67	645.2		10.7	

Water Wells From Groundwater Database

Completed in a Bedrock Aquifer

Legal Location W5M	AEP Number	hc Number	Ground Elevation (m) AMSL	Completed Depth (m)	NPWL (m)	Bedrock Surface Elevation (m) AMSL	Total Thickness Sand / Gravel Below 15 (m)	Apparent Trans-missivity (m^2/day)	TDS (mg/L)
SW 16-060-02	372697	02402	678	43.3	24.38				310
SW 16-060-02	372697	02402	678	43.3	24.38				447
SW 16-060-02	372699	02401	667	37.5	6.40	654.7			
16 16-060-02	372703	02397	652	10.1	1.83	648.4			
SE 17-060-02	372704	02405	671	36.6	6.10				704
SE 17-060-02	372705	02404	671	32.0	7.31	651.0		16.0	
NE 18-060-02	372709	02406	671	61.0	7.62	661.9		1.3	
SW 19-060-02	372714	02413	671	16.5	8.84	667.3			
NE 19-060-02	372722	02412	671	37.5	12.19	666.4		6.5	
NE 19-060-02	372720	02410	671	36.9	10.67	666.1		21.8	
NE 19-060-02	372717	02411	686	18.3					437
08 19-060-02	372711	02407	671	15.2	2.74	661.9		2.2	423
NE 19-060-02	372719	02409	686	39.6					496
NW 20-060-02	372733	02416	671	18.3	9.14	661.9		17.8	
NW 20-060-02	366398	02418	671	30.5	19.20	649.7			
07 20-060-02	372725	02414	671	33.5	15.24	650.7			
SW 20-060-02	372727	02422	671	37.5	9.14	660.9		16.5	
NW 20-060-02	372728	02415	671	33.5					662
NW 20-060-02	372731	02417	671	91.4	12.19	666.0			
SE 20-060-02	361839	02421	671	24.4	10.67	666.4		6.0	
NE 21-060-02	372743	02424	639	79.2	16.76	619.2		0.1	
15 21-060-02	372739	02423	639	38.1	17.07	621.8			
NW 21-060-02	372737	02426	649	85.3	18.29	629.9		0.1	
04 22-060-02	372745	02428	643	80.8	19.81	639.6			
SW 22-060-02	372746	02429	643	7.6					812
SW 23-060-02	354621	02434	635	68.6	9.14	619.7		1.1	
SW 23-060-02	372748	02433	635	48.8					838
NW 23-060-02	372749	02432	638	76.2					1947
NW 23-060-02	372750	02430	638	29.0					1396
NW 23-060-02	372751	02431	638	36.6					1967
SW 26-060-02	357102	02437	646	61.0					
SW 26-060-02	372760	02436	646	68.0	18.59	626.9		1.8	
03 26-060-02	372762	02435	642	30.5					1080
06 27-060-02	372764	02438	655	91.4	27.43	627.9			
11 27-060-02	372766	02439	658	76.2	30.48				
11 27-060-02	372768	02440	658	88.4	30.48				
13 28-060-02	372777	02443	671	18.9	6.10	655.6			828
SE 29-060-02	366677	02449	657	86.9	6.10	630.0	3.1		
NW 29-060-02	372783	02447	666	54.9					1534
NW 29-060-02	372781	02446	663	38.1			8.5		
SE 29-060-02	372779	02448	657	74.7	3.66	630.0			
08 30-060-02	372784	02450	671	11.6	1.52	666.7			
15 31-060-02	372790	02452	678	36.6	12.19	663.5			
NW 31-060-02	372787	02453	679	32.3	6.71				
12 31-060-02	372789	02451	679	27.4					482

Water Wells From Groundwater Database

Completed in a Bedrock Aquifer

Legal Location W5M	AEP Number	hc Number	Ground Elevation (m) AMSL	Completed Depth (m)	NPWL (m)	Bedrock Surface Elevation (m) AMSL	Total Thickness Sand / Gravel Below 15 (m)	Apparent Trans-missivity (m^2/day)	TDS (mg/L)
SW 32-060-02	372805	02464	671	70.1	35.36	640.5		0.2	
SE 32-060-02	372801	02456	671	48.8	7.65	649.7		20.7	
SE 32-060-02	372791	02460	671	30.5	24.38				
05 32-060-02	376883	02455	672	48.8	19.81	660.9		0.1	
SW 32-060-02	369925	02463	671	42.7	13.72	652.7			
SE 33-060-02	357103	02467	671	30.5					
02 33-060-02	372813	02465	671	29.6	10.67	668.3			
SE 33-060-02	364958	02466	671	121.9	30.48	655.8		0.1	
NW 35-060-02	372831	02472	651	80.8	21.33				2158
SW 01-060-03	372696	02477	656	61.0	5.18	640.9		21.5	
SE 02-060-03	372706	02482	665	48.8	9.14	638.4			
SE 02-060-03	372708	02483	665	41.2					1042
NE 02-060-03	372715	02481	662	48.8	7.62	633.6	0.9	0.1	1611
SW 03-060-03	372721	02486	681	42.1	20.42	668.4		33.6	
SW 03-060-03	372724	02487	681	45.7	11.58	664.4		16.5	
SE 04-060-03	354622	02492	671	59.4	12.19	660.3		1.9	
SE 04-060-03	372605	02491	671	44.2	6.10	656.4		124.3	
SE 04-060-03	372729	02490	674	42.7	18.29				1170
SE 04-060-03	372729	02490	674	42.7	18.29				1104
SW 04-060-03	360692	02493	669	24.4	5.49	658.0		20.4	
01 05-060-03	372738	02494	662	19.2		653.9		49.9	
SW 05-060-03	372755	02513	656	30.5	4.27	643.5			
NW 05-060-03	372758	02508	664	39.6	12.19	632.0		31.5	909
12 05-060-03	372761	02504	658	35.1	6.10				1118
15 05-060-03	372765	02505	660	27.4					
NW 05-060-03	372763	02509	668	39.3	6.10	662.9			903
15 05-060-03	366454	02506	660	35.1	9.14	649.7		27.7	
NW 05-060-03	376516	02507	664	39.6	11.58	646.6		19.2	
NW 06-060-03	372778	02520	671	36.6	18.29				1354
NW 06-060-03	372773	02518	671	33.5	12.19	658.8			
04 06-060-03	372770	02516	671	73.2	36.57				1570
SE 06-060-03	363533	02521	670	41.2	10.67	656.1		37.7	
04 06-060-03	372769	02515	671	73.2	32.00	636.0			
NW 06-060-03	372776	02519	674	50.3	12.19	661.4		2.7	
SW 07-060-03	372782	02526	671	61.0	12.19	661.3		1.4	
NW 07-060-03	372785	02524	671	76.2					2752
NW 07-060-03	372786	02523	671	61.0	15.24	651.5		1.2	
SE 07-060-03	372788	02525	671	33.5	18.29	658.8		59.4	1290
NE 07-060-03	382577	02522	671	51.8	18.29	661.9		0.1	
SE 08-060-03	372794	02534	664	29.0					
SE 08-060-03	372793	02535	664	33.5					
SE 08-060-03	372796	02536	664	33.5					
SE 08-060-03	372795	02533	664	17.7					
NW 09-060-03	357105	02543	675	45.7					
SE 09-060-03	351314	02547	681	76.2	21.33	677.4		0.1	

Water Wells From Groundwater Database

Completed in a Bedrock Aquifer

Legal Location W5M	AEP Number	hc Number	Ground Elevation (m) AMSL	Completed Depth (m)	NPWL (m)	Bedrock Surface Elevation (m) AMSL	Total Thickness Sand / Gravel Below 15 (m)	Apparent Trans-missivity (m^2/day)	TDS (mg/L)
01 09-060-03	372809	02537	683	45.7	9.75	673.0			
08 09-060-03	372818	02539	671	33.5	9.14				1300
08 09-060-03	372818	02539	671	33.5	9.14				1329
NW 09-060-03	372821	02541	675	12.2	9.14				1666
14 09-060-03	372823	02540	679	44.2	18.29	648.0		1.8	1203
NW 09-060-03	372825	02542	675	24.4					1639
SE 09-060-03	372808	02544	671	38.1	15.24				1595
SE 09-060-03	372807	02545	681	41.2	18.29				1456
SE 09-060-03	372812	02546	681	54.9	21.33	649.7			
NE 10-060-03	372898	02551	669	35.1	5.49	647.3			
SW 10-060-03	372891	02552	675	41.2	19.51	650.0		206.8	
SW 10-060-03	372836	02554	678	29.0	19.51	669.0	0.9		
SW 10-060-03	372830	02553	678	26.2	2.44				738
SE 11-060-03	361245	02569	661	19.8		646.8			
NW 11-060-03	365385	02568	668	27.4					
13 11-060-03	372923	02567	670	27.4	7.01				
NW 12-060-03	372933	02572	661	15.2					850
NE 12-060-03	372938	02571	663	50.3					1124
SW 12-060-03	372931	02574	660	18.3					1137
NW 13-060-03	372939	02577	670	39.6	4.57				916
02 14-060-03	372948	02578	669	30.5	3.66	647.7			826
16 14-060-03	372960	02580	671	27.4	4.27	656.8		102.2	
02 14-060-03	372948	02578	669	30.5	3.66	647.7			900
SE 14-060-03	372949	02584	669	29.0	2.44				1210
SE 14-060-03	372949	02584	669	29.0	2.44				1044
SE 14-060-03	372950	02583	669	27.4					845
SW 14-060-03	372958	02585	669	29.0	6.10	651.6		7.1	
08 14-060-03	372952	02579	667	18.3		653.8			
NW 15-060-03	351316	02592	689	68.6	28.95	685.4		18.0	
04 15-060-03	372964	02586	683	45.7	12.19	677.3		2.5	
NW 15-060-03	372966	02594	686	48.8					1155
NW 15-060-03	372968	02589	689	68.6	24.38	681.5		1.9	1207
NW 15-060-03	372967	02593	689	51.8	12.19				1168
NE 15-060-03	373034	02588	680	36.6					1065
SW 15-060-03	372962	02595	683	32.0					1133
NW 15-060-03	373033	02591	689	45.7					1131
NE 16-060-03	373046	02599	688	38.1					1261
01 16-060-03	373035	02596	689	38.4	9.14				
SE 16-060-03	373037	02603	687	36.6	12.19	662.8			
NW 16-060-03	373038	02602	680	18.3	10.67				941
13 16-060-03	373039	02597	682	36.6	12.19	669.7		13.6	
16 16-060-03	373044	02598	690	64.0	32.00	682.6		4.9	1264
16 16-060-03	373044	02598	690	64.0	32.00	682.6		4.9	1302
NE 16-060-03	373051	02600	688	82.3	30.48	678.4		4.0	
SW 16-060-03	369177	02604	677	30.5	11.28	658.5		3.5	

Water Wells From Groundwater Database

Completed in a Bedrock Aquifer

Legal Location W5M	AEP Number	hc Number	Ground Elevation (m) AMSL	Completed Depth (m)	NPWL (m)	Bedrock Surface Elevation (m) AMSL	Total Thickness Sand / Gravel Below 15 (m)	Apparent Trans-missivity (m^2/day)	TDS (mg/L)
NW 17-060-03	373070	02612	681	6.1					1310
SE 17-060-03	373054	02614	671	25.9	7.62				1037
01 17-060-03	373058	02605	671	27.4	9.14	658.3			1347
02 17-060-03	373057	02607	671	41.2	6.10	649.2		2.4	
NE 17-060-03	373075	02611	679	54.9					
13 17-060-03	373072	02609	685	36.6	4.57	666.3			
NW 17-060-03	373071	02613	682	19.5	13.72	674.2			
NE 18-060-03	357106	02618	685	22.9					
NE 18-060-03	350828	02619	685	42.7	6.10	666.1		1.6	
SW 18-060-03	373079	02620	676	50.3	7.62	660.4			1261
SW 18-060-03	373082	02621	676	39.6	18.29	648.2			
SW 18-060-03	373086	02622	676	78.6	18.29	645.1		0.1	
13 18-060-03	378623	02617	688	18.3	2.44	683.1			844
NW 19-060-03	373110	02625	684	12.2					1405
SW 19-060-03	373100	02628	695	49.7	9.14				
SW 19-060-03	373093	02629	695	51.8	13.72	688.9			
SW 19-060-03	373098	02626	695	48.8	13.72	682.5			
01 20-060-03	373111	02630	687	25.9	11.28	676.5		5.6	
01 20-060-03	373116	02631	687	27.4	7.31	679.0		0.1	
SE 20-060-03	373118	02633	690	37.5	4.27				
NE 20-060-03	373120	02632	697	30.5					404
SE 21-060-03	373122	02640	689	32.3					799
14 21-060-03	373126	02636	695	121.9					
14 21-060-03	373127	02635	688	15.2	10.67				399
16 21-060-03	373130	02637	694	25.9	9.14				
08 21-060-03	366892	02634	691	54.9	6.10	686.5		1.0	
SE 21-060-03	373121	02641	689	57.9					1230
14 21-060-03	373127	02635	688	15.2	10.67				416
06 22-060-03	353074	02647	683	890.9					
SW 22-060-03	373131	02654	692	51.8	12.19				1218
16 22-060-03	373145	02648	686	27.4	6.10	672.1			1199
NE 22-060-03	373144	02649	689	15.2					1219
NW 22-060-03	373143	02650	691	43.6	11.58	677.0		2.8	
NW 22-060-03	373142	02651	684	64.0	9.45	672.1			1100
NW 22-060-03	365794	02652	691	54.9	9.14	671.2		1.0	
04 22-060-03	373136	02642	691	73.2	24.38	684.9		2.0	
SW 22-060-03	373131	02654	692	51.8	12.19				1300
SW 22-060-03	373137	02653	692	50.3	26.82	684.3		5.0	
09 23-060-03	373147	02656	676	10.7	0.61	671.2			
14 23-060-03	373146	02658	683	32.0	15.24	670.8		10.7	887
13 24-060-03	373150	02660	678	19.5	16.46				700
13 24-060-03	373149	02662	678	24.4	12.19				
13 24-060-03	373148	02661	678	22.6	17.68	676.3			
05 25-060-03	373152	02663	684	20.7	14.93	678.3			594
SE 25-060-03	373151	02667	681	26.2	14.02				

Water Wells From Groundwater Database

Completed in a Bedrock Aquifer

Legal Location W5M	AEP Number	hc Number	Ground Elevation (m) AMSL	Completed Depth (m)	NPWL (m)	Bedrock Surface Elevation (m) AMSL	Total Thickness Sand / Gravel Below 15 (m)	Apparent Trans-missivity (m^2/day)	TDS (mg/L)
09 25-060-03	373163	02664	690	27.4	12.19	685.8		8.8	525
NW 25-060-03	373158	02666	687	14.6	13.72				1196
13 25-060-03	373159	02665	687	23.8	17.68	676.6		101.2	
01 26-060-03	373167	02669	682	29.3	19.51	672.8			705
SW 26-060-03	366646	02673	689	45.7	6.10	680.1		2.2	
NE 27-060-03	351317	02678	697	45.7	12.19	688.3		2.5	
NW 27-060-03	354623	02681	697	36.6	12.19	687.8		6.0	
NE 27-060-03	373185	02680	696	50.3		690.3		75.2	
NW 27-060-03	373183	02683	697	25.0	9.14				
NW 27-060-03	373181	02682	697	25.0	9.14				844
NE 27-060-03	373188	02679	693	61.0	9.14	687.3			
16 27-060-03	373192	02676	700	62.5	12.19	694.2		5.6	714
NE 27-060-03	373191	02677	701	18.3	12.19				496
NW 27-060-03	361840	02684	697	33.5					
SE 27-060-03	373176	02685	689	22.9	13.72	682.7			
SE 28-060-03	358193	02701	695	152.4	22.86	673.1		1.2	
00 28-060-03	361841	02686	697	45.7					
04 28-060-03	373233	02690	698	38.1	18.29	686.1		2.0	
SE 28-060-03	373216	02698	695	21.0	8.84				
16 28-060-03	371101	02694	688	45.7	15.24	677.5		5.0	
NE 28-060-03	373243	02695	688	25.0					1059
SE 28-060-03	373210	02699	695	82.3	21.33				1064
09 28-060-03	373245	02693	695	33.5	10.97				
16 29-060-03	373259	02703	671	22.9	8.53	666.4		34.5	
03 29-060-03	373254	02702	686	59.4	19.81	678.2			
NE 30-060-03	350829	02709	671	36.6	9.14	653.9		0.1	
SE 30-060-03	373264	02717	676	35.1	6.40	670.1		2.9	558
NW 30-060-03	373269	02712	671	42.7	6.10				1190
SH 30-060-03	373266	02719	670	24.4	6.71	665.4			1054
SE 30-060-03	373267	02716	676	27.4					594
SE 30-060-03	373268	02718	676	27.4					
NW 30-060-03	373271	02713	671	45.7	6.10	664.9		0.1	
NE 30-060-03	373275	02711	671	27.4					1009
NE 30-060-03	373275	02711	671	27.4					822
SE 30-060-03	373262	02715	686	12.2					958
NE 30-060-03	373277	02710	671	45.7					784
SE 30-060-03	373262	02715	686	12.2					963
NW 30-060-03	373270	02714	671	13.4	7.31				1382
SE 30-060-03	373262	02715	686	12.2					670
SW 31-060-03	373282	02725	666	121.9	28.95	653.6		0.1	
SW 31-060-03	373285	02723	655	30.2	9.14	641.3			1418
06 31-060-03	373281	02720	655	7.6	1.83	652.6			
SE 31-060-03	373279	02721	666	21.3	4.27	647.7	4.8		871
SE 31-060-03	373279	02721	666	21.3	4.27	647.7	4.8		1257
SW 31-060-03	372608	02724	666	70.1					1379

Water Wells From Groundwater Database

Completed in a Bedrock Aquifer

Legal Location W5M	AEP Number	hc Number	Ground Elevation (m) AMSL	Completed Depth (m)	NPWL (m)	Bedrock Surface Elevation (m) AMSL	Total Thickness Sand / Gravel Below 15 (m)	Apparent Trans-missivity (m^2/day)	TDS (mg/L)
SE 31-060-03	373280	02722	668	30.5					1268
NE 32-060-03	373294	02729	667	16.8		654.8			
16 32-060-03	373297	02727	667	15.2	6.10				
16 32-060-03	373293	02728	667	41.2	7.62	658.2		1.8	1644
SE 32-060-03	373290	02732	666	48.8	4.27	655.3	1.8		
SE 32-060-03	361842	02731	669	38.1					
SE 32-060-03	378621	02730	669	14.6					987
SE 32-060-03	378621	02730	669	14.6					987
SE 33-060-03	373299	02737	684	18.3	6.10				1334
NE 33-060-03	373302	02733	672	11.0	4.27				799
NE 33-060-03	373304	02734	671	12.2					1590
NW 33-060-03	373301	02735	669	17.1		662.9			
NW 33-060-03	373300	02736	670	12.8					1149
NW 34-060-03	373305	02739	692	45.7	25.91	677.0			
NW 35-060-03	373326	02742	701	44.2	32.92	694.9			
NW 35-060-03	373324	02741	701	35.1	30.48				1012
NW 35-060-03	373332	02743	701	61.0	31.09	685.2		1.1	
SW 35-060-03	373320	02748	701	27.4	10.67				721
SE 35-060-03	373315	02747	694	51.2	21.94	675.3			
SE 35-060-03	373314	02745	694	35.1	15.24	675.3		13.2	944
SE 35-060-03	373309	02746	694	38.1	15.24	691.5			
SE 35-060-03	373314	02745	694	35.1	15.24	675.3		13.2	704
SE 36-060-03	373335	02753	686	24.4					752
01 36-060-03	373338	02749	680	41.2	18.29	664.8		2.9	707
SE 36-060-03	373340	02752	682	46.6	19.81	672.4		9.1	
16 36-060-03	373353	02751	684	19.8	14.32	679.2			
SW 36-060-03	373350	02757	688	54.9	24.38				833
SW 36-060-03	373348	02755	689	41.2	18.29				776
SW 36-060-03	373346	02754	688	25.9	18.29				1033
02 36-060-03	373344	02750	687	41.2	15.24				760
SW 36-060-03	373350	02757	688	54.9	24.38				
SW 01-060-04	354624	02770	669	41.2	3.05	654.1		6.3	
NW 01-060-04	372843	02767	671	61.0					1221
SE 01-060-04	372838	02768	666	41.2					
04 01-060-04	372840	02758	664	45.7	21.33	639.4		22.4	
NW 01-060-04	372842	02764	671	20.7					1547
12 01-060-04	372844	02760	671	41.2	6.10	650.3			
13 01-060-04	372845	02761	671	64.0	24.38	652.7			
NW 01-060-04	372846	02766	671	41.2	10.36	645.4		62.0	
11 01-060-04	372847	02759	671	61.0	17.68	664.2			
NE 01-060-04	372848	02763	671	38.1	12.19				1344
NE 01-060-04	372848	02763	671	38.1	12.19				1449
NE 01-060-04	372849	02762	671	24.4	6.10				1248
NW 01-060-04	372841	02765	671	18.3					1492
NW 02-060-04	353762	02776	669	45.7	7.92	635.8	4.6	0.1	1065

Water Wells From Groundwater Database

Completed in a Bedrock Aquifer

Legal Location W5M	AEP Number	hc Number	Ground Elevation (m) AMSL	Completed Depth (m)	NPWL (m)	Bedrock Surface Elevation (m) AMSL	Total Thickness Sand / Gravel Below 15 (m)	Apparent Trans-missivity (m^2/day)	TDS (mg/L)
SW 02-060-04	354111	02780	661	85.3	5.49	643.7			
NE 02-060-04	372855	02772	669	71.6					1457
NE 02-060-04	372855	02772	669	71.6					1590
NE 02-060-04	372855	02772	669	71.6					1518
SW 02-060-04	372852	02779	655	79.2	9.14	618.7	1.2	1.8	1229
SE 02-060-04	372851	02778	668	35.1	15.85	648.4	0.9		
NE 02-060-04	372856	02773	669	19.8					1614
SW 02-060-04	372852	02779	655	79.2	9.14	618.7	1.2	1.8	1841
01 02-060-04	372850	02771	669	50.3	13.72	644.9			1416
NW 03-060-04	350830	02785	671	79.2	12.19	647.2		0.1	
08 03-060-04	372857	02781	671	50.3	12.19	658.3			884
SW 03-060-04	372858	02787	669	13.7	2.99	658.8			
NW 03-060-04	372859	02784	684	54.9	18.29				1234
NW 03-060-04	372860	02783	682	48.8	9.14				1100
NE 03-060-04	372862	02782	671	50.3	9.14	658.3		4.2	1178
NE 03-060-04	372862	02782	671	50.3	9.14	658.3		4.2	1292
NW 04-060-04	372864	02789	671						991
NE 05-060-04	366077	02791	666	56.4	21.33				
SE 05-060-04	372866	02792	671	73.2	9.75	639.0		1.1	
NW 06-060-04	372874	02795	671	68.6					
NW 06-060-04	372875	02796	667	82.3	6.10	658.3			
13 06-060-04	372870	02793	673	100.6	11.28	632.1		0.1	1435
SE 06-060-04	372867	02800	664	67.1	9.14				1136
SW 07-060-04	372876	02802	672	68.6	11.28	650.7	3.3	0.1	
SW 07-060-04	372877	02803	671	102.1					985
NE 09-060-04	372883	02805	671	36.6	9.14				587
SW 09-060-04	372882	02809	671	61.0					977
SE 09-060-04	372881	02808	671	74.7	22.86	648.1			1336
SE 09-060-04	372881	02808	671	74.7	22.86	648.1			1236
NE 10-060-04	372887	02813	678	41.2	12.19				1078
NE 10-060-04	372886	02811	676	45.7					1137
NE 10-060-04	372885	02812	676	38.1	15.24	648.7			
SE 10-060-04	372884	02814	671	50.3	15.24	661.9			
SE 11-060-04	372888	02815	683	48.8	6.10				1044
SW 12-060-04	354112	02819	680	59.4	19.81	630.9		59.4	
NE 12-060-04	372894	02816	671	50.3	13.72	655.8	2.1		
SE 12-060-04	372889	02818	671	54.9	10.97	656.4		1.0	
NW 12-060-04	372893	02817	674	62.2	8.53	649.7			
SE 13-060-04	372897	02824	675	49.4	6.10	666.2			
SE 14-060-04	372904	02828	683	62.2					1235
NW 16-060-04	372914	02833	684	15.9	4.57	673.0			
NW 16-060-04	361843	02832	684	91.4					
NW 16-060-04	372912	02830	655	74.7	9.14				900
11 16-060-04	372908	02829	678	120.4	7.01	672.1			2418
NW 16-060-04	372913	02831	687	109.7					2129

Water Wells From Groundwater Database

Completed in a Bedrock Aquifer

Legal Location W5M	AEP Number	hc Number	Ground Elevation (m) AMSL	Completed Depth (m)	NPWL (m)	Bedrock Surface Elevation (m) AMSL	Total Thickness Sand / Gravel Below 15 (m)	Apparent Trans-missivity (m^2/day)	TDS (mg/L)
SW 19-060-04	372926	02844	671	60.4	4.57				801
SW 19-060-04	372925	02846	670	57.9	1.83				818
SE 19-060-04	372922	02843	678	54.3	7.92				938
NE 19-060-04	372936	02841	686	57.9	12.19				2140
SW 19-060-04	372925	02846	670	57.9	1.83				724
08 20-060-04	372940	02847	689	54.9	19.20	669.2		0.1	
NE 20-060-04	372951	02850	689	36.6					
16 20-060-04	372947	02849	686	91.4	9.14	658.3		0.5	
SE 20-060-04	372937	02856	686	54.9					1036
SE 20-060-04	364620	02855	686	97.5					
NW 22-060-04	353708	02866	671	121.9	8.23	651.8		0.1	
16 22-060-04	372971	02862	670	32.0	9.14	662.4		13.6	
NE 22-060-04	372970	02865	671	31.7	6.10	661.4			
08 22-060-04	372965	02860	674	143.3	9.14	662.0			
01 22-060-04	372963	02858	681	79.2	22.55	676.0			
01 22-060-04	372961	02857	681	79.2	21.94	673.3			
08 22-060-04	372954	02861	672	23.5	6.10	660.8			
NE 22-060-04	372972	02863	671	67.1	16.76	645.7		0.1	
NW 23-060-04	372973	02869	670	16.8					1023
SE 24-060-04	358427	02889	694	38.1	13.72	685.9		1.3	
NW 24-060-04	372985	02881	671	67.1					1896
NW 24-060-04	372982	02884	673	21.3					1240
NW 24-060-04	372981	02885	673	59.4	27.43	660.3		1.8	
NW 24-060-04	372980	02878	673	50.3	27.43	660.3			
NW 24-060-04	372979	02879	673	61.0					1776
SW 24-060-04	372978	02891	678	25.6	10.67				897
SE 24-060-04	372974	02888	694	48.8	10.67	692.0			
NW 24-060-04	372984	02882	673	54.9	3.05				1462
SE 24-060-04	372975	02887	694	76.2	12.19	673.7			
NW 24-060-04	372985	02881	671	67.1					1886
NW 24-060-04	372985	02881	671	67.1					2020
NW 24-060-04	372987	02876	671	54.9	48.77				1855
NW 24-060-04	372989	02877	673	15.2					1473
13 24-060-04	372992	02872	671	24.4	9.14				
.. 24-060-04	372998	02870	655	27.4	12.80	638.2			
NW 24-060-04	372986	02886	673	32.0	10.67	661.2			
NW 24-060-04	372983	02883	673	56.4	15.24				1900
SW 24-060-04	372976	02892	686	73.2	15.85	666.9		0.1	3011
NW 24-060-04	372988	02880	673	70.1	22.55	646.6		0.1	
NE 24-060-04	382581	02874	680	44.2	3.35	670.8		2.2	
SW 25-060-04	358567	02900	670	45.7	16.76	657.4		0.1	
SE 25-060-04	372994	02899	680	29.3					1232
02 25-060-04	372996	02895	670	36.6					1254
02 25-060-04	372997	02894	670	11.3	8.23				
06 25-060-04	372999	02898	668	59.4	13.11	658.4		2.8	

Water Wells From Groundwater Database

Completed in a Bedrock Aquifer

Legal Location W5M	AEP Number	hc Number	Ground Elevation (m) AMSL	Completed Depth (m)	NPWL (m)	Bedrock Surface Elevation (m) AMSL	Total Thickness Sand / Gravel Below 15 (m)	Apparent Trans-missivity (m^2/day)	TDS (mg/L)
04 25-060-04	366893	02897	670	59.4	13.72	661.3		1.8	
SE 26-060-04	373001	02906	661	18.3	11.58				1840
SE 26-060-04	373001	02906	661	18.3	11.58				1976
01 26-060-04	373002	02901	669	27.4	6.10	654.4		6.5	
01 26-060-04	373003	02902	669	68.6	10.67	659.9		3.3	
SE 26-060-04	373004	02905	668	64.0					
SE 26-060-04	373005	02904	668	54.9					
SW 26-060-04	373007	02907	668	33.5					
SE 27-060-04	373008	02909	664	32.9	10.67				1073
SE 27-060-04	373008	02909	664	32.9	10.67				1004
SW 27-060-04	373009	02911	670	36.6					1081
12 27-060-04	373010	02908	670	45.7	6.10	652.3		3.6	
SE 27-060-04	363015	02910	669	42.7	10.67	658.3		0.1	
SE 27-060-04	373008	02909	664	32.9	10.67				1086
13 28-060-04	378618	02913	680	39.6	7.62	652.2		9.0	1137
SE 28-060-04	373011	02914	672	64.0	15.24				1269
01 28-060-04	376891	02912	671	109.7	16.76	657.3		31.5	
SW 29-060-04	351321	02915	688	74.7	15.24	657.8		1.2	
NW 30-060-04	373013	02918	684	45.7					554
NE 30-060-04	366120	02917	690	50.3	6.10	666.8		0.1	
NW 31-060-04	354113	02924	694	36.6	13.72	669.4		8.2	
SW 31-060-04	373014	02927	686	36.6	9.14	662.9	4.8		
SW 31-060-04	373015	02926	691	48.8	8.53	666.9		6.2	
16 31-060-04	373017	02920	689	73.2	17.98	656.4		0.1	810
NE 31-060-04	373018	02922	690						755
NE 31-060-04	373019	02921	690	103.6	30.48	650.1		0.1	
NE 31-060-04	366121	02923	690	106.7	27.43	636.4	17.0	0.1	
NW 33-060-04	373024	02932	676	44.5	6.10				
NW 33-060-04	373025	02933	676	45.1	6.71				
SE 35-060-04	373026	02934	655	30.5					1208
NE 36-060-04	363537	02937	659	68.6	6.10	652.9		1.3	
SE 36-060-04	373027	02939	662	86.9					24
SW 36-060-04	373028	02942	662	33.5	6.10				1260
SW 36-060-04	373029	02941	662	12.2	4.57				
09 36-060-04	373030	02936	654	12.2	3.66	647.7			
NE 36-060-04	373031	02938	659	38.1	12.50	649.9		2.2	
01 36-060-04	371107	02935	664	96.0	9.14	659.4		0.1	
SW 36-060-04	363534	02940	662	54.9	9.14	654.4		1.6	
SE 01-060-05	383252	02944	664						1100
NW 03-060-05	383258	02947	658	54.9	30.48				1126
16 03-060-05	383259	02946	662	96.0	1.52				1061
12 04-060-05	383264	02950	653	65.5	19.81	610.8		0.1	
SE 04-060-05	383262	02951	654	47.9	5.18	638.2			
NW 05-060-05	368997	02955	662	79.2	6.10	646.4		4.6	
SE 05-060-05	383265	02957	652	39.6	10.97	626.3		92.7	

Water Wells From Groundwater Database

Completed in a Bedrock Aquifer

Legal Location W5M	AEP Number	hc Number	Ground Elevation (m) AMSL	Completed Depth (m)	NPWL (m)	Bedrock Surface Elevation (m) AMSL	Total Thickness Sand / Gravel Below 15 (m)	Apparent Trans-missivity (m^2/day)	TDS (mg/L)
08 05-060-05	383269	02952	661	77.7		629.0		2.4	
NW 05-060-05	383271	02954	655	61.0	18.29				837
NW 05-060-05	383273	02956	662	105.2	6.10	643.3		0.1	
SW 06-060-05	356036	02959	663	19.8	3.05	657.5			
NW 07-060-05	383279	02961	676	61.0	9.14				732
06 07-060-05	383278	02960	670	41.2	6.10	654.6		2.9	
NE 09-060-05	354115	02964	670	62.5	13.41	652.9	1.8	0.1	
NE 09-060-05	383514	02965	657	69.8	10.06	644.6		2.6	
SW 09-060-05	383512	02967	667	53.3	7.31	657.7		10.8	692
SE 09-060-05	383280	02966	666	86.9	4.57	655.4		0.1	
04 10-060-05	383516	02968	660	29.0	13.72	638.5		8.7	
SW 10-060-05	383515	02969	663	38.1	8.53	635.5		8.6	
SW 12-060-05	370311	02971	671	68.6	5.49	636.0			1090
NE 13-060-05	354116	02979	668	61.0	15.24	655.2		0.1	
NE 13-060-05	383542	02980	668	41.2					
SE 13-060-05	383518	02981	672	68.6	6.10				894
08 14-060-05	383545	02984	671	44.2	9.14	643.1		3.9	
01 14-060-05	383544	02983	667	68.6		635.4			
SW 15-060-05	354588	02985	674	51.8	8.23	645.1			
SW 15-060-05	383547	02986	674	44.2	5.49	646.6			
SW 15-060-05	383546	02987	681	54.9					936
02 17-060-05	383556	02991	672	107.3	45.72	654.3			
02 17-060-05	383554	02992	672	86.6	36.57				571
SE 18-060-05	383567	03001	675	54.9	4.57				1068
05 18-060-05	383601	02999	677	64.0	13.11	663.8			822
SW 18-060-05	383575	03002	675	73.2	6.40	652.0			
01 18-060-05	383572	02996	673	82.3	3.05	659.7		0.1	937
01 18-060-05	383570	02995	681	57.9	3.66	653.8		0.5	719
05 18-060-05	383601	02999	677	64.0	13.11	663.8			784
SW 19-060-05	372610	03007	687	17.1	4.57	677.1			
15 19-060-05	376892	03006	696	79.2	18.29	676.2		0.1	
NW 20-060-05	388528	03010	694	33.5					1853
NW 20-060-05	388529	03009	694	33.5					1817
SE 22-060-05	383612	03013	684	30.5		667.5			990
NE 22-060-05	383614	03012	695	42.7	12.19	659.1	5.4	4.1	1048
NE 22-060-05	383614	03012	695	42.7	12.19	659.1	5.4	4.1	1054
SW 23-060-05	383616	03018	683	57.9	9.14				986
SW 23-060-05	383617	03017	680	27.4					
16 23-060-05	383619	03015	687	53.3					
14 24-060-05	383621	03020	686	56.4	15.24	655.3	12.4		
NE 24-060-05	383622	03023	674	64.0		632.8	29.2	16.5	
13 25-060-05	366894	03030	691	68.6	9.14	663.3	2.1	1.8	
SE 25-060-05	383629	03033	676	33.5	4.27	652.4	8.8	26.0	
01 25-060-05	383631	03025	686	42.1					
02 25-060-05	383636	03028	677	48.8	10.36	647.1			1166

Water Wells From Groundwater Database

Completed in a Bedrock Aquifer

Legal Location W5M	AEP Number	hc Number	Ground Elevation (m) AMSL	Completed Depth (m)	NPWL (m)	Bedrock Surface Elevation (m) AMSL	Total Thickness Sand / Gravel Below 15 (m)	Apparent Trans-missivity (m^2/day)	TDS (mg/L)
SE 26-060-05	351585	03038	690	73.2	15.24	659.0	12.4	1.2	
SW 26-060-05	361844	03041	693	51.8					
SE 26-060-05	383639	03039	690	54.3					
SW 26-060-05	383640	03042	692	42.7					1110
SW 26-060-05	383640	03042	692	42.7					853
SW 26-060-05	383641	03040	684	32.0	9.14	670.5		2.3	
NW 26-060-05	383694	03036	694	67.1	9.75	663.7	4.8	0.1	
16 26-060-05	383696	03035	693	37.5	2.44	660.8			1602
SW 27-060-05	388531	03043	686	62.5	7.62	643.1	4.6		760
13 30-060-05	383702	03049	701	55.5					724
13 30-060-05	383702	03049	701	55.5					738
12 30-060-05	383701	03048	700	68.6	6.10	697.0		1.6	
SW 31-060-05	383706	03054	701	36.6	16.76				883
10 31-060-05	383708	03051	712	68.6	27.43	682.7		18.5	
12 31-060-05	383707	03052	702	64.0	24.38	662.0		17.3	
SW 31-060-05	383705	03055	701	64.0	9.14				874
02 32-060-05	383709	03056	704	33.5	9.14	688.4		1.7	
SE 33-060-05	383711	03058	699	65.5		678.2			
NW 34-060-05	383715	03061	698	21.3	1.52	684.3			
SW 34-060-05	383712	03062	671	54.9		643.7			
11 34-060-05	383713	03059	698	61.0	0.91	680.9		3.3	
NE 36-060-05	383719	03065	694	45.7	18.29	669.6		27.5	
SE 36-060-05	383717	03069	691	103.6					
NE 36-060-05	383720	03066	689	35.7	15.24	662.9			784
NE 36-060-05	383720	03066	689	35.7	15.24	662.9			611
SE 36-060-05	383718	03068	691	48.8	9.14	671.8		3.1	
12 01-060-06	383330	03071	665	128.0	37.79	645.8		0.8	
08 01-060-06	383326	03070	664	38.4	5.18				926
NW 01-060-06	388836	03073	655	36.6	12.19				
SE 02-060-06	383331	03075	668	128.0					894
SE 02-060-06	383332	03076	668	152.4	9.14	643.7		0.1	
NW 03-060-06	383346	03079	669	48.8	2.44	659.3		0.1	
01 03-060-06	383339	03078	667	76.2	9.14				1184
SE 03-060-06	383340	03082	668	64.0	5.49	661.3		0.1	
01 03-060-06	383343	03077	667	18.3	3.05				896
NW 03-060-06	383345	03080	669	24.4					750
SE 04-060-06	354589	03083	671	32.3					
SE 04-060-06	383351	03084	671	32.3					
SE 05-060-06	362159	03091	678	62.5	11.58	660.1		2.2	
SE 05-060-06	381231	03090	678	30.5					
NE 05-060-06	383357	03086	681	30.5					547
SE 05-060-06	383352	03089	672	27.4	6.10	650.7		2.0	856
14 05-060-06	383354	03085	685	32.0	9.14	660.4		2.0	
SE 05-060-06	383353	03092	678	62.5	11.58	660.1		2.2	
NW 05-060-06	383355	03087	686	26.2	14.02	664.8	4.0	27.2	

Water Wells From Groundwater Database

Completed in a Bedrock Aquifer

Legal Location W5M	AEP Number	hc Number	Ground Elevation (m) AMSL	Completed Depth (m)	NPWL (m)	Bedrock Surface Elevation (m) AMSL	Total Thickness Sand / Gravel Below 15 (m)	Apparent Trans-missivity (m^2/day)	TDS (mg/L)
NE 07-060-06	383360	03094	701	42.7					895
SE 07-060-06	383359	03095	686	51.2	6.10	667.5	3.7		
16 08-060-06	383361	03096	683	38.1	2.44				682
SE 09-060-06	383362	03098	670	42.7					739
01 10-060-06	383365	03099	663	50.3	6.71	629.1			981
SE 10-060-06	383364	03105	669	26.8					710
01 10-060-06	383365	03099	663	50.3	6.71	629.1			1014
16 10-060-06	383370	03102	670	17.1	2.44	656.3		18.0	
NE 10-060-06	383369	03103	670	24.4					868
SE 10-060-06	2991	03104	669	51.8	4.57	656.8		0.1	
NE 11-060-06	388837	03108	670	58.5	9.75				
NE 11-060-06	388838	03109	670	60.7					
NW 12-060-06	356151	03115	671	74.7	8.53	646.6		4.0	
NW 12-060-06	369787	03117	671	25.0		655.8			
NE 12-060-06	366122	03112	671	79.2	12.80				
NW 12-060-06	383372	03118	671	82.3	7.62	664.9			
NW 12-060-06	383373	03116	671	74.7	8.53	646.6		4.0	
NE 12-060-06	383374	03110	671	61.0	14.02	648.5		3.3	
NE 13-060-06	356042	03122	680	44.8					
04 13-060-06	383377	03121	681	106.7	13.11				
SW 13-060-06	383378	03128	674	79.2					490
SW 13-060-06	383379	03127	674	88.4					478
04 13-060-06	383380	03120	673	67.1	16.46				804
NW 13-060-06	383382	03125	679	91.4	13.72	656.3		1.7	
NE 13-060-06	383383	03124	680	50.3	9.45	673.4			
NE 13-060-06	383384	03123	680	44.8					
SE 13-060-06	383376	03126	680	39.6	4.57				1013
NW 14-060-06	383386	03129	687	42.7	18.29				734
NW 14-060-06	383386	03129	687	42.7	18.29				756
NW 14-060-06	383387	03130	681	61.0	12.19	629.4		0.1	
SW 17-060-06	383388	03133	697	45.7	4.57	693.2		0.5	
SE 18-060-06	383390	03134	701	48.8	5.49	691.9			
SW 20-060-06	350526	03137	704	103.6	6.71	675.0		0.1	
SW 20-060-06	383391	03138	704	103.6	6.71	675.0		0.1	
04 20-060-06	383392	03135	715	30.5	7.62	687.3	6.3	0.1	
13 20-060-06	383393	03136	718	34.8	21.33	696.4		5.4	
09 21-060-06	383397	03139	704	38.1	7.62				620
16 21-060-06	383395	03140	708	38.1	12.19	698.9		28.1	
09 21-060-06	383397	03139	704	38.1	7.62				426
NE 22-060-06	383399	03143	704	48.8	12.19	692.5		2.7	653
NW 23-060-06	383402	03145	701	54.9					699
NW 23-060-06	383401	03146	701	45.1	13.41	697.4			
SE 24-060-06	383405	03150	685	103.6	9.14	641.1		0.1	
01 24-060-06	383403	03148	684	103.6	9.14	670.2		0.4	
SE 25-060-06	376650	03152	695	50.3	3.05	681.9		1.8	

Water Wells From Groundwater Database

Completed in a Bedrock Aquifer

Legal Location W5M	AEP Number	hc Number	Ground Elevation (m) AMSL	Completed Depth (m)	NPWL (m)	Bedrock Surface Elevation (m) AMSL	Total Thickness Sand / Gravel Below 15 (m)	Apparent Trans-missivity (m^2/day)	TDS (mg/L)
SW 25-060-06	366123	03155	698	50.3	7.62	677.9		16.1	
SW 25-060-06	383417	03153	695	48.8	3.05				
SW 25-060-06	383414	03154	693	53.3					597
01 25-060-06	383410	03151	698	33.5	5.49	681.2		0.1	
SW 26-060-06	357109	03162	701	30.5					
NW 26-060-06	369069	03158	704	68.6	24.38	679.6		2.9	
04 26-060-06	383419	03156	703	91.4		674.2		0.1	711
SW 26-060-06	383418	03165	700	56.7					634
04 26-060-06	383419	03156	703	91.4		674.2		0.1	598
SW 26-060-06	383423	03160	701	38.1	18.29				616
NW 26-060-06	383430	03157	701	51.8					791
SW 26-060-06	383428	03163	701	30.5					
07 27-060-06	383431	03167	705	36.6	6.10	698.5		19.9	
02 27-060-06	388843	03166	703	86.9	13.72	687.8		1.2	
NE 28-060-06	383440	03171	717	39.6	18.90	681.2			
NE 28-060-06	390681	03169	717	61.0	24.38	678.8			
SW 28-060-06	383432	03172	716	111.3	16.76	668.4		6.6	
SW 28-060-06	383434	03173	710	59.4	13.72	667.8	16.5	0.1	
10 29-060-06	388844	03174	714	140.2	29.26	651.5		0.2	
08 30-060-06	383443	03175	716	82.3	42.67				910
SE 30-060-06	383442	03176	713	79.2	18.29	670.7		0.1	899
NE 34-060-06	383445	03179	701	85.3	53.95	634.0		2.4	
SE 01-060-07	383520	03194	721	33.5					1215
SE 01-060-07	383521	03193	719	36.6	18.29	701.0			
SE 01-060-07	383522	03192	725	21.3					1225
SW 01-060-07	383526	03195	733	50.3	17.07	719.3			
NW 01-060-07	383527	03191	743	45.7					927
NE 02-060-07	364073	03197	756	48.8	16.76	744.2		27.2	
12 02-060-07	383534	03196	744	46.3	16.76	717.5	8.5	58.4	1439
NE 02-060-07	383541	03198	756	48.8	16.76	744.2		27.2	
SE 03-060-07	383548	03201	750	79.2	26.64	733.6			
03 03-060-07	383550	03200	761	68.6	26.52				890
01 11-060-07	383555	03205	738	50.3	9.14	707.4		6.5	736
09 12-060-07	383564	03207	716	45.7	13.72	684.3	12.8		1042
01 12-060-07	383561	03206	706	61.0	12.19	680.7		0.1	
SE 13-060-07	388831	03214	709	50.3					
01 13-060-07	383565	03213	706	38.7	4.27	681.8			548
SW 14-060-07	388833	03217	729	48.8	5.49	715.1		1.4	859
SW 14-060-07	388832	03218	729	51.2	8.53	716.3			1235
04 14-060-07	388834	03215	733	91.4					914
NE 15-060-07	383576	03225	727	22.9	1.52				930
NE 15-060-07	383576	03225	727	22.9	1.52				930
NE 15-060-07	383573	03223	727	25.9	2.44	714.4			
16 15-060-07	383578	03222	726	35.1	2.44	707.8		6.1	810
SW 17-060-07	383581	03226	763	30.5	23.47				752

Water Wells From Groundwater Database

Completed in a Bedrock Aquifer

Legal Location W5M	AEP Number	hc Number	Ground Elevation (m) AMSL	Completed Depth (m)	NPWL (m)	Bedrock Surface Elevation (m) AMSL	Total Thickness Sand / Gravel Below 15 (m)	Apparent Trans-missivity (m^2/day)	TDS (mg/L)
SW 17-060-07	383581	03226	763	30.5	23.47				823
SW 17-060-07	383581	03226	763	30.5	23.47				845
SE 22-060-07	383582	03227	719	50.3	24.38	691.9	3.1		
SE 26-060-07	369710	03229	715	62.5	10.67	685.2		0.1	
NE 32-060-07	383587	03233	637	7.9	2.13				546
NE 32-060-07	383587	03233	637	7.9	2.13				418
SE 34-060-07	383589	03235	701	38.4	17.07	666.0		2.3	
NE 35-060-07	383591	03236	701	93.9	79.24	649.2			
NW 36-060-07	383594	03239	686	73.2	27.43				914
SE 36-060-07	383593	03241	713	82.3	33.53	703.6			
SE 06-061-02	373182	03252	687	91.4	24.38	656.8			880
01 06-061-02	373180	03250	682	24.4	18.29				786
01 06-061-02	373179	03251	682	32.0	5.79	662.6		3.3	1105
NW 07-061-02	373561	03253	661	73.2	28.95				1082
SW 07-061-02	369070	03256	671	50.3	15.24	648.2		6.3	
SE 07-061-02	373184	03255	675	44.8	12.80	666.0		5.4	
NW 07-061-02	373561	03253	661	73.2	28.95				
SE 07-061-02	364623	03254	671	36.6					
NW 07-061-02	373561	03253	661	73.2	28.95				1178
SW 18-061-02	373204	03258	649	45.7					1144
SE 18-061-02	373203	03257	655	77.7	9.14	627.9		1.1	
01 19-061-02	373207	03259	640	23.8	7.01	621.8		2.0	
NW 19-061-02	373208	03261	640	27.4					737
14 19-061-02	373209	03260	634	42.7	3.05	605.1		1.2	791
NW 30-061-02	350833	03262	638	61.0	7.62	618.0		7.3	
NW 30-061-02	373252	03263	638	36.6					953
NE 31-061-02	352911	03702	640	62.5	24.38	621.7			
13 31-061-02	373253	03264	643	30.5					1010
16 31-061-02	373255	03266	639	45.7					1082
NE 01-061-03	373291	03271	679	48.8	25.60	647.3		1.4	
01 01-061-03	373283	03267	688	39.6	24.38	666.4			
NE 01-061-03	373288	03269	689	36.6	25.60				1490
NE 01-061-03	373289	03270	679	33.5					1469
SH 01-061-03	373284	03274	691	42.1	22.86				1511
SE 01-061-03	373286	03273	689	48.8	20.12	672.9			1327
NE 02-061-03	373292	03279	675	22.3	12.19				1378
NE 02-061-03	373292	03279	675	22.3	12.19				1510
09 02-061-03	373296	03275	680	29.0	9.14	658.4		2.7	1332
09 02-061-03	373296	03275	680	29.0	9.14	658.4		2.7	1409
NE 02-061-03	373303	03277	675	48.2	5.49	660.6			
NE 03-061-03	363538	03281	670	114.3	27.43	657.8		0.1	
NE 03-061-03	354118	03282	670	118.9	38.10	654.8		1.8	
NE 03-061-03	373311	03283	671	115.8	36.57				1444
04 03-061-03	373306	03280	693	35.1	19.81	672.1			
SE 03-061-03	373308	03285	687	45.7					182

Water Wells From Groundwater Database

Completed in a Bedrock Aquifer

Legal Location W5M	AEP Number	hc Number	Ground Elevation (m) AMSL	Completed Depth (m)	NPWL (m)	Bedrock Surface Elevation (m) AMSL	Total Thickness Sand / Gravel Below 15 (m)	Apparent Trans-missivity (m^2/day)	TDS (mg/L)
SE 03-061-03	373310	03284	686	41.2	18.29	672.1			637
SE 05-061-03	373312	03288	667	91.4	30.48				2026
16 05-061-03	373313	03287	655	27.4	9.14	640.1		1.0	
09 05-061-03	373316	03286	671	112.8	7.62	655.3			
SW 07-061-03	373317	03289	658						1337
09 09-061-03	373319	03292	652	56.4	27.43	602.9		5.9	
09 09-061-03	373321	03291	658	54.9	30.48				1140
09 09-061-03	373323	03290	658	42.7					
11 09-061-03	373318	03293	653	80.8	12.19	607.1		0.1	
SW 10-061-03	373325	03298	654	59.4	21.33	642.2		4.8	
04 10-061-03	373327	03294	658	105.2	32.00	638.5			
NW 10-061-03	373329	03295	655	54.9	16.76				1179
NW 10-061-03	373329	03295	655	54.9	16.76				1129
NW 10-061-03	373331	03297	655	91.4	25.91	635.1		1.7	
SW 11-061-03	354119	03299	666	150.9	30.48	624.9		2.1	
13 12-061-03	373333	03300	660	44.2	13.72	646.1			
SW 13-061-03	364969	03304	646	45.7					
SE 13-061-03	373334	03303	645	61.0					1639
SW 13-061-03	350834	03305	646	79.2	24.38	620.4		5.3	
NE 13-061-03	373565	03301	639	70.1	7.92	599.7		1.6	852
NW 13-061-03	383126	03302	639	15.2	6.10	631.7			
NW 14-061-03	373337	03311	645	91.4	15.85	628.4		0.1	
NW 14-061-03	373339	03310	645	146.3	27.43	624.7		0.1	
NE 14-061-03	351329	03309	642	80.8	16.76	608.1		2.6	
05 14-061-03	373336	03306	650	73.2	27.43	598.9		3.7	1249
13 14-061-03	373341	03308	642	128.0	15.85	620.7		1.2	
12 14-061-03	373567	03307	648	77.7	15.24	630.9		20.9	807
NE 15-061-03	369654	03314	644	76.2	24.38	624.9		0.1	
SW 15-061-03	373342	03316	650	95.1	22.86	596.5		2.9	
13 15-061-03	373345	03312	646	73.2					1214
NE 15-061-03	350835	03313	644	91.4	15.24	621.2		3.4	
NW 16-061-03	373349	03321	656	73.2	6.71	628.4		0.1	
01 16-061-03	373347	03318	652	77.7	16.76	602.0			
NW 16-061-03	350836	03320	656	164.6	19.20	629.6		0.1	
NE 16-061-03	378615	03319	649	67.1	18.29				642
01 16-061-03	378617	03317	646	646.1	9.14				796
NW 17-061-03	373352	03322	664	79.2	21.33	650.9		0.1	
NE 18-061-03	351330	03324	660	109.7	22.86	648.7		0.1	
NE 18-061-03	373354	03323	660	48.8	42.67				1253
SE 19-061-03	373358	03329	665	61.0	21.94	643.1		1.6	
NW 19-061-03	373359	03327	663	121.9	10.97	644.5			
SE 19-061-03	373355	03328	665	33.5					
SE 19-061-03	373357	03331	658	77.7	7.62				816
SE 19-061-03	373356	03330	667	23.8					1148
SE 19-061-03	373355	03328	665	33.5					1034

Water Wells From Groundwater Database

Completed in a Bedrock Aquifer

Legal Location W5M	AEP Number	hc Number	Ground Elevation (m) AMSL	Completed Depth (m)	NPWL (m)	Bedrock Surface Elevation (m) AMSL	Total Thickness Sand / Gravel Below 15 (m)	Apparent Trans-missivity (m^2/day)	TDS (mg/L)
NE 19-061-03	363016	03325	668	103.6	25.91	648.0		2.0	
SW 20-061-03	373376	03349	669	48.8	12.19				1164
SE 20-061-03	373364	03341	657	99.1	18.29				690
SE 20-061-03	373369	03342	662	121.9	30.48	646.7		0.1	824
NE 20-061-03	373389	03339	659	94.5	28.04	624.7		2.2	
NE 20-061-03	373385	03336	659	56.4	16.15	635.0		2.7	672
NE 20-061-03	373382	03337	655	44.2	16.15	646.8			
SW 20-061-03	373375	03351	669	27.4	18.29				1130
NW 20-061-03	373381	03340	667	61.0	25.91	648.5		0.1	1072
SE 20-061-03	373371	03343	662	125.0	30.48	643.6		0.1	
SW 20-061-03	373380	03350	669	80.8					1011
SW 20-061-03	373379	03347	669	67.1	30.48	650.7		1.3	
16 20-061-03	373384	03334	657	44.2	12.19	635.9			
SE 20-061-03	373366	03345	655	54.9	18.29				1012
05 20-061-03	373378	03333	655	54.9	25.91	621.8		1.8	
05 20-061-03	373377	03332	658	54.9	21.33	630.9		1.2	
NE 20-061-03	360212	03335	654	36.6	9.14	632.7		1.7	
SE 20-061-03	373366	03345	655	54.9	18.29				
SE 20-061-03	373374	03346	662	76.2					681
SE 20-061-03	373368	03344	662	24.4	18.29				764
SW 20-061-03	356037	03348	669	115.8	36.57	649.2		0.1	
SW 21-061-03	373391	03360	655	23.8	16.76	648.1			
16 21-061-03	373393	03358	652	39.6	5.49				1332
01 21-061-03	371102	03352	646	68.6	24.38	622.6		3.5	
16 21-061-03	373393	03358	652	39.6	5.49				1190
08 21-061-03	353920	03354	645	32.0	0.61				
16 21-061-03	373393	03358	652	39.6	5.49				1223
SE 21-061-03	350837	03359	648	67.1	12.80	628.1		2.9	
03 21-061-03	371103	03353	653	96.0	27.43	624.2		0.1	
NE 22-061-03	350839	03369	639	152.4	15.24	604.8		0.1	
SE 22-061-03	350838	03370	642	121.9	17.68	632.9		1.2	
05 22-061-03	373398	03362	642	53.3	11.58	614.9			848
12 22-061-03	373408	03365	640	45.7	10.36	635.5			805
NE 22-061-03	373410	03367	639	131.1	24.38				1388
01 22-061-03	373414	03361	643	48.8					817
NE 22-061-03	373415	03366	639	85.0	10.67				
NE 22-061-03	373416	03368	639						1355
09 22-061-03	373417	03363	640	121.9					1492
09 22-061-03	373418	03364	640	121.9					1230
01 22-061-03	373414	03361	643	48.8					914
NW 23-061-03	373419	03372	637	76.8	6.10				
13 23-061-03	373420	03371	640	76.2	9.14				856
SE 24-061-03	373421	03374	637	38.1					642
SE 24-061-03	373422	03373	634	30.5					671
SE 25-061-03	373423	03376	634	19.8	9.14				1125

Water Wells From Groundwater Database

Completed in a Bedrock Aquifer

Legal Location W5M	AEP Number	hc Number	Ground Elevation (m) AMSL	Completed Depth (m)	NPWL (m)	Bedrock Surface Elevation (m) AMSL	Total Thickness Sand / Gravel Below 15 (m)	Apparent Trans-missivity (m^2/day)	TDS (mg/L)
SE 25-061-03	373424	03377	640	61.0					
SW 26-061-03	350840	03385	641	182.9	24.38	616.0		0.1	
NE 26-061-03	373278	03381	641	111.3	18.29	609.0		0.1	
NW 26-061-03	373276	03382	642	83.8					
13 26-061-03	373433	03380	648	61.0	12.19	644.6			
04 26-061-03	373427	03379	640	97.5	19.81	599.3		0.8	
04 26-061-03	373429	03378	643	50.3	24.38				804
NW 26-061-03	373431	03383	642	48.8	36.57				870
SE 26-061-03	381419	03384	640	36.6	10.36	628.4			
16 27-061-03	373446	03390	652	91.4	24.38	605.3			784
SE 27-061-03	373439	03393	641	88.4	13.72				860
SE 27-061-03	373439	03393	641	88.4	13.72				984
16 27-061-03	373446	03390	652	91.4	24.38	605.3			800
SE 27-061-03	373439	03393	641	88.4	13.72				1140
16 27-061-03	373446	03390	652	91.4	24.38	605.3			880
01 27-061-03	373441	03386	645	64.0	14.93	638.5		0.1	
01 27-061-03	373442	03387	645	82.3	21.33	640.1		0.1	782
12 27-061-03	373443	03389	643	118.9	39.62	618.1		7.1	
NW 27-061-03	373444	03392	643	94.5	14.63	609.5			
SE 27-061-03	355058	03394	641	103.6	21.64	615.1		2.3	
03 27-061-03	376901	03388	640	109.7	19.81	621.9		1.9	
SE 28-061-03	373447	03398	642	56.4					1314
SE 28-061-03	373447	03398	642	56.4					1579
14 28-061-03	373450	03396	646	56.4	9.45	627.1		0.1	
NW 28-061-03	350841	03397	646	103.6	38.10	624.1		7.1	
14 29-061-03	373451	03400	653	103.6	59.13	649.4		12.7	
16 30-061-03	373452	03401	663	77.7	9.14	655.3		0.1	2197
SE 30-061-03	373453	03402	663	140.2	25.91	640.8		0.1	
NE 31-061-03	373456	03403	656	109.7	42.67	647.1		0.1	
SE 31-061-03	373455	03404	656	106.7					
SW 32-061-03	373460	03408	652	91.4					914
SW 32-061-03	350527	03409	652	105.2	10.06	633.7		1.5	
SE 32-061-03	373457	03407	654	30.5	5.49				813
01 32-061-03	373458	03405	648	91.4	22.86	645.2		6.2	
SW 32-061-03	373459	03410	657	106.7					943
NW 33-061-03	373473	03419	656	91.4	24.38	647.7		1.6	
NE 33-061-03	373474	03416	650	97.5	45.72				
SE 33-061-03	373467	03422	647	109.7	43.89	639.2		0.9	
09 33-061-03	373476	03413	660	118.9	39.62	648.9		1.7	
SE 33-061-03	373465	03423	647	100.6					728
11 33-061-03	373470	03414	654	32.0	1.52	649.2		2.6	707
SE 33-061-03	373465	03423	647	100.6					747
NE 33-061-03	373486	03417	650	91.4					
SE 33-061-03	373463	03421	647	97.5	48.77				
SE 33-061-03	373464	03420	647	103.6	48.77				

Water Wells From Groundwater Database

Completed in a Bedrock Aquifer

Legal Location W5M	AEP Number	hc Number	Ground Elevation (m) AMSL	Completed Depth (m)	NPWL (m)	Bedrock Surface Elevation (m) AMSL	Total Thickness Sand / Gravel Below 15 (m)	Apparent Trans-missivity (m^2/day)	TDS (mg/L)
NE 33-061-03	373484	03418	650	103.6	48.77	627.2		2.2	
09 33-061-03	373482	03412	655	86.9	9.14	652.2			
NE 33-061-03	373480	03415	658	114.3	45.72	653.8		1.3	
09 33-061-03	373479	03411	659	50.0	24.38	655.6		0.1	908
NW 34-061-03	373516	03448	658	115.8	22.86				907
·· 34-061-03	373538	03426	655	99.1	30.48				893
NW 34-061-03	373523	03443	648	91.4					477
NW 34-061-03	373524	03440	648	114.3	41.15	639.0		2.4	791
NE 34-061-03	373535	03438	646	53.3					740
·· 34-061-03	373537	03427	655						1276
NW 34-061-03	373507	03442	648	103.6	53.34				
NW 34-061-03	373519	03439	648						812
15 34-061-03	373529	03437	648	91.4	48.77	635.9		1.6	
·· 34-061-03	373536	03425	655	86.9	45.72	650.7			
NW 34-061-03	373531	03441	648	102.1	42.67				862
NW 34-061-03	373521	03453	648	114.3	45.72	642.0		1.8	
05 34-061-03	373500	03429	658	85.3	27.43				806
SE 34-061-03	363017	03455	644	115.8	39.62	618.1		1.6	
SE 34-061-03	373489	03456	644	85.3					582
SE 34-061-03	373488	03454	644						753
SE 34-061-03	373488	03454	644						786
01 34-061-03	373487	03428	655	54.0	27.43	641.0		0.1	
NW 34-061-03	373516	03448	658	115.8	22.86				913
SW 34-061-03	361848	03460	645	54.9					
12 34-061-03	373528	03431	648	97.5	48.77				
NW 34-061-03	373532	03447	648						745
SW 34-061-03	373498	03459	658	182.9	45.72				740
NW 34-061-03	373504	03449	648						846
NW 34-061-03	373523	03443	648	91.4					794
13 34-061-03	373526	03433	650	114.3	45.72	640.9		1.6	774
12 34-061-03	373496	03432	648	114.3	45.72	629.9			
NW 34-061-03	373477	03444	648	109.7	41.15	629.8		2.6	
NW 34-061-03	373503	03451	648	97.5	48.77				
13 34-061-03	373494	03434	650	105.2	18.29	601.2		1.3	
NW 34-061-03	373504	03449	648						746
SW 34-061-03	373492	03457	657	108.5					855
07 34-061-03	373491	03430	656	109.7	27.43	654.1			
13 34-061-03	373525	03436	650	114.3	46.63	640.9		1.7	856
NW 34-061-03	373518	03446	648	109.7					731
13 34-061-03	373510	03435	654	86.9	45.72	649.2		2.4	1054
NW 34-061-03	375835	03445	648	109.7	41.15	629.8			
NE 35-061-03	373548	03463	644	30.5	18.29				1398
NE 35-061-03	373550	03464	644	50.3	13.72	635.0		8.8	842
NW 35-061-03	373547	03465	653	61.0	15.24				744
SW 35-061-03	373545	03468	643	67.1	25.91	627.2		2.7	

Water Wells From Groundwater Database

Completed in a Bedrock Aquifer

Legal Location W5M	AEP Number	hc Number	Ground Elevation (m) AMSL	Completed Depth (m)	NPWL (m)	Bedrock Surface Elevation (m) AMSL	Total Thickness Sand / Gravel Below 15 (m)	Apparent Trans-missivity (m^2/day)	TDS (mg/L)
04 35-061-03	373543	03461	643	86.9	27.43	638.4		1.3	
SW 35-061-03	373542	03467	643	36.6					777
SW 35-061-03	373541	03466	643	54.9	1.52				636
07 35-061-03	373540	03462	643	50.3	3.05	611.0		6.5	1064
WH 36-061-03	373557	03475	642	50.3					1008
SE 36-061-03	373552	03473	640	22.9					1184
SW 36-061-03	373555	03474	641	50.3	9.14	621.2		11.0	
08 36-061-03	373553	03469	640	22.9	6.10				1180
NW 36-061-03	373559	03472	648	97.5	6.10	614.8		0.1	776
NW 36-061-03	373559	03472	648	97.5	6.10	614.8		0.1	808
NW 36-061-03	373559	03472	648	97.5	6.10	614.8		0.1	807
NE 36-061-03	373566	03471	642	30.5					2052
NE 01-061-04	373360	03479	655	34.1	12.19				1447
NE 01-061-04	373361	03478	658	47.2	9.14				
SE 02-061-04	356152	03482	660	50.3	1.52	650.6		2.7	
NE 02-061-04	373365	03481	660	36.6	3.05	647.8		6.0	
NW 03-061-04	373370	03486	668	48.8	10.97	656.4		7.6	
NW 03-061-04	373367	03485	664	45.7	6.71	646.1			
SE 04-061-04	373373	03495	671	36.6					
NW 04-061-04	373388	03493	673	62.5	10.97	651.6			
09 04-061-04	373394	03490	686	45.7	18.29	657.7			
SW 04-061-04	373386	03496	675	65.5	12.19	643.0			
02 04-061-04	378613	03489	671	45.7	9.14	649.7		9.0	
SE 05-061-04	365022	03502	679	68.6	27.43	642.4		1.4	
01 05-061-04	373397	03498	686	28.7	9.14	670.5		4.6	
SE 05-061-04	373399	03501	686	42.7	6.10	673.6		1.1	
SW 05-061-04	373400	03503	690	44.8	9.14				
11 05-061-04	381420	03500	682	36.6	6.10	668.4		1.4	
10 05-061-04	381421	03499	680	30.5	6.10	666.3		1.3	
NE 06-061-04	373405	03514	685	50.3	3.66	660.6			
SE 06-061-04	367640	03519	689	61.0					
SE 06-061-04	361153	03518	689	67.1	27.43	650.9		2.4	
SE 06-061-04	373401	03517	689	41.2	24.38				
SE 07-061-04	356038	03524	682	73.2	6.71	660.4		0.1	
SE 07-061-04	373412	03523	682	97.5	12.80	657.3			
SW 07-061-04	378612	03525	671	27.4					
SW 08-061-04	373428	03530	686	76.2	12.19				
SW 08-061-04	373413	03531	681	56.4	9.14	660.1			
SW 08-061-04	373425	03529	683	53.3	3.05	675.1			
NW 08-061-04	373436	03528	678	36.6	6.10	672.5		4.5	
SW 08-061-04	373435	03532	681	73.2	11.58	667.7		1.0	
NW 09-061-04	361850	03536	671	27.4					
NW 09-061-04	373437	03537	671	21.3	4.57				
SW 10-061-04	354120	03539	665	48.8	5.49	646.1		7.5	
16 11-061-04	373440	03540	659	91.4	36.57	595.0			

Water Wells From Groundwater Database

Completed in a Bedrock Aquifer

Legal Location W5M	AEP Number	hc Number	Ground Elevation (m) AMSL	Completed Depth (m)	NPWL (m)	Bedrock Surface Elevation (m) AMSL	Total Thickness Sand / Gravel Below 15 (m)	Apparent Trans-missivity (m^2/day)	TDS (mg/L)
SW 12-061-04	350528	03541	658	56.4	12.19	647.3		0.1	
NW 14-061-04	373454	03542	664	11.9		659.3			
SE 15-061-04	373468	03549	668	11.9	1.83	660.4			
NE 15-061-04	373472	03546	669	10.7	2.44	664.3			
SE 15-061-04	373462	03548	671	74.7	12.19	655.3			
SE 15-061-04	367349	03551	668	61.0					
NE 15-061-04	373471	03547	669	33.5					
NE 16-061-04	373485	03555	669	140.2	4.88	652.6			
13 16-061-04	373481	03554	671	74.7	7.92	647.7			
05 17-061-04	373490	03558	674	45.7	4.88	646.2		2.9	
NW 17-061-04	369789	03559	681	32.0	0.61				
13 18-061-04	373508	03566	684	15.2	6.10	673.3			
12 18-061-04	373512	03565	684	15.9		676.3			
13 18-061-04	373511	03567	684	15.9	3.05	676.3			
13 19-061-04	373515	03568	700	45.7	15.24	675.6		2.1	
NW 20-061-04	373527	03572	684	32.0					
NE 21-061-04	373546	03577	670	134.1	42.67	644.3		0.6	
NE 21-061-04	373544	03576	670	30.5					
16 21-061-04	373539	03574	671	118.9	44.19	668.0		1.3	
NE 21-061-04	373534	03575	671	54.9		665.0			
NW 22-061-04	369178	03580	667	128.0	33.53				
SW 23-061-04	354121	03584	663	134.1	19.20	654.0		0.1	
01 24-061-04	373558	03588	660	103.6	16.76	642.9			
NW 24-061-04	373564	03591	671	140.2	45.72	641.6		2.6	
NE 24-061-04	373568	03589	669	111.3					
SW 26-061-04	373569	03595	679	39.6	9.14	652.3		6.1	
SW 26-061-04	373570	03594	679	39.6	33.53				
SW 27-061-04	373578	03599	676	121.9	45.72	650.4		0.1	
SW 27-061-04	373573	03600	671	109.7	4.57				
SW 27-061-04	373572	03602	674	94.5	0.91	652.3			
04 27-061-04	373576	03598	673	125.0	6.10	552.0		0.1	
SW 28-061-04	351548	03610	675	23.8	6.10	656.4		3.7	
SW 28-061-04	373579	03611	672	30.5					
SE 29-061-04	373588	03614	671	33.5					
SE 30-061-04	373594	03617	696	54.9	19.81	670.4		1.9	
09 32-061-04	373595	03619	665	18.0	4.88	649.3			
SW 34-061-04	351331	03621	689	68.6	6.10	672.0		2.0	
NW 35-061-04	373598	03623	674	36.6	1.52	648.6		4.0	
SE 01-061-05	383456	03624	689	36.6	2.44	661.4			
SE 01-061-05	388821	03625	689	50.3	6.10	658.0			
SW 08-061-05	350415	03635	701	94.5	36.57	654.8		1.2	
NW 08-061-05	383464	03633	698	103.6	44.19	644.9		1.4	
SW 08-061-05	383463	03636	701	77.4					
SW 08-061-05	383462	03634	701	96.0	36.57				839
NW 09-061-05	383466	03638	701	96.0	45.72				396

Water Wells From Groundwater Database

Completed in a Bedrock Aquifer

Legal Location W5M	AEP Number	hc Number	Ground Elevation (m) AMSL	Completed Depth (m)	NPWL (m)	Bedrock Surface Elevation (m) AMSL	Total Thickness Sand / Gravel Below 15 (m)	Apparent Trans-missivity (m^2/day)	TDS (mg/L)
NE 12-061-05	351332	03643	684	17.7	6.10	672.6			
NE 12-061-05	381422	03640	684	30.5	6.10	679.0		0.1	
SE 14-061-05	363265	03661	694	73.2	18.29	680.3		0.1	950
NW 14-061-05	365531	03652	703	80.8	63.40	667.0		4.1	
NE 14-061-05	383489	03647	701	80.2	50.90				997
NW 14-061-05	383482	03650	709	71.6	30.48				1058
SW 14-061-05	383481	03665	700	80.8	32.00	666.4		0.1	1034
SE 14-061-05	383477	03656	696	17.7	2.13	691.5			280
SE 14-061-05	383475	03658	696	70.1	3.05	658.3			624
SE 14-061-05	383474	03659	693	67.1	32.00	682.7		0.1	835
SE 14-061-05	383473	03660	693	48.8	30.48				940
NW 14-061-05	383486	03655	703	85.3					
NW 14-061-05	383484	03649	701	64.0	48.16	669.9		12.6	
NW 14-061-05	383485	03651	703	71.6					1118
NW 14-061-05	383488	03653	703	91.4	56.39	668.9		2.2	
SE 15-061-05	357118	03670	701	59.7					
NE 15-061-05	383494	03667	700	97.5					1473
SE 16-061-05	383503	03672	682	76.8					646
SE 16-061-05	383496	03674	691	128.0	54.86	618.2			
01 16-061-05	383497	03671	707	96.0					
NE 17-061-05	383501	03678	669	121.9	56.39	598.9		2.3	923
SE 18-061-05	383502	03680	678	137.8	62.79	593.4		0.1	627
NW 19-061-05	383506	03683	640	54.9					661
04 23-061-05	360173	03687	699	86.9	48.77	662.3		4.4	
NW 23-061-05	383508	03689	685	18.0	4.88	670.2			
SE 24-061-05	383509	03693	692	21.3	0.61	676.3			
SE 24-061-05	383643	03695	701	176.8	20.42	672.1		0.1	
SE 25-061-05	350529	03697	695	80.8	21.33	666.1		4.6	
SW 25-061-05	383646	03698	692	88.4	48.77	633.8		0.1	
NE 26-061-05	383649	03699	667	121.9	59.74	577.9		0.1	
SE 12-061-06	366125	03710	689	68.6	4.57	671.0		0.1	
SE 12-061-06	383658	03712	689	21.9	5.49	677.7			
NE 12-061-06	383659	03709	673	128.0	24.38	587.3			
NE 24-061-06	388823	03714	639	61.0					609
NE 24-061-06	388823	03714	639	61.0					477
NE 02-061-07	383665	03719	637	65.5	4.27	617.4		1.8	
SW 36-061-07	383693	03721	631	13.7					
NE 06-062-02	373602	03723	640	97.5	12.19	637.0		0.1	1769
NW 06-062-02	373599	03724	654	56.4	18.29				892
NE 06-062-02	350843	03722	640	42.7	4.88	612.0		2.4	
SW 06-062-02	360693	03725	642	45.7	18.29	623.3		5.6	
SE 30-062-02	373640	03726	646						1039
NE 01-062-03	373647	03728	645	115.8	34.75	622.1		3.5	
13 01-062-03	373646	03727	652	89.9	21.33	646.1			
NW 01-062-03	373645	03729	655	70.1	27.43	618.7			

Water Wells From Groundwater Database

Completed in a Bedrock Aquifer

Legal Location W5M	AEP Number	hc Number	Ground Elevation (m) AMSL	Completed Depth (m)	NPWL (m)	Bedrock Surface Elevation (m) AMSL	Total Thickness Sand / Gravel Below 15 (m)	Apparent Trans-missivity (m^2/day)	TDS (mg/L)
NE 02-062-03	373650	03730	654	37.8	13.41				1042
SE 03-062-03	373656	03734	650	42.7	18.29				
SE 03-062-03	350844	03732	650	91.4	21.33	635.1		4.9	
SE 03-062-03	373655	03733	650	36.6	18.29				898
NW 03-062-03	373657	03731	654	48.8					871
SE 03-062-03	373651	03735	650	36.6					834
NE 04-062-03	373659	03736	657	61.0	7.62				843
NE 04-062-03	373660	03737	656	146.3	39.93	627.1		1.2	
SE 04-062-03	350845	03738	654	152.4	36.57	628.1		1.0	
04 05-062-03	373662	03740	655	18.3	9.14	644.0			
SW 05-062-03	373664	03743	656	97.5	30.48	643.8		3.3	
NW 05-062-03	373665	03742	658	117.3	20.12	645.8		0.1	811
SE 06-062-03	373666	03745	658	115.8	32.00	594.4			
NW 06-062-03	373667	03744	666	148.4					
SW 07-062-03	373670	03749	670	109.7	60.96				876
SW 07-062-03	369179	03750	670	128.0	64.00	652.8			
SW 07-062-03	373670	03749	670	109.7	60.96				986
NE 07-062-03	373674	03746	667	94.5					886
NE 07-062-03	381423	03747	667	109.7	56.69	624.2			
SW 07-062-03	373670	03749	670	109.7	60.96				613
SW 07-062-03	373671	03751	670	128.0	45.72	655.9		0.1	
SE 07-062-03	373668	03748	665	109.7	44.19	655.1		1.2	902
SE 09-062-03	373676	03753	663	87.5					841
SE 09-062-03	350846	03754	658	115.8	39.62	632.2		0.1	
SW 09-062-03	373679	03755	663	48.8					
SW 09-062-03	373680	03756	663	121.9	27.43	633.7		1.5	
NW 09-062-03	373682	03752	671	111.3	25.91	669.1		0.1	894
SW 09-062-03	373678	03757	666	57.9	39.62				1024
NW 10-062-03	350847	03762	659	146.3	15.24	632.6		1.1	
NW 10-062-03	373689	03761	659	76.2					770
SW 10-062-03	373688	03764	658	144.8	22.86				1038
SE 10-062-03	373684	03763	652	43.9					
NE 10-062-03	373690	03760	654	21.3	19.81				1792
SW 11-062-03	373734	03768	652	76.2					1156
NW 11-062-03	373735	03766	655	61.0	36.57				908
SW 11-062-03	373730	03767	653	45.7	4.57	648.9		1.3	
NW 12-062-03	373739	03769	666	125.0	30.48	662.7		0.1	
SW 12-062-03	373738	03773	660	85.3					
SW 12-062-03	354123	03771	660	76.2	27.43	650.7			992
SW 12-062-03	378606	03772	660	64.0	33.53				
SW 14-062-03	373744	03775	655	79.2	30.48	642.8		3.6	
SE 14-062-03	373743	03774	665	36.6	21.33				
SW 15-062-03	361851	03782	664	97.5					
SE 15-062-03	373751	03781	661	97.5	30.48				1204
NE 15-062-03	373758	03777	662	91.4	36.57	612.0		0.7	

Water Wells From Groundwater Database

Completed in a Bedrock Aquifer

Legal Location W5M	AEP Number	hc Number	Ground Elevation (m) AMSL	Completed Depth (m)	NPWL (m)	Bedrock Surface Elevation (m) AMSL	Total Thickness Sand / Gravel Below 15 (m)	Apparent Trans-missivity (m^2/day)	TDS (mg/L)
NW 15-062-03	373756	03778	671	91.4	36.57				1350
SE 15-062-03	373753	03780	658	93.9	18.29	645.8			
NW 15-062-03	373757	03779	668	121.9	42.67	647.1		3.0	
SW 16-062-03	373759	03785	671	91.4					854
SE 16-062-03	376932	03784	671	152.4	36.57	644.7		0.1	
SE 17-062-03	373763	03792	671	103.6	47.55	645.1		1.3	
NW 17-062-03	373770	03789	669	36.6					
NW 17-062-03	373769	03790	667	56.4					743
12 17-062-03	373767	03788	668	50.3	20.12	648.6			
01 17-062-03	373764	03786	671	103.6	36.57				952
01 17-062-03	373764	03786	671	103.6	36.57				944
01 17-062-03	373764	03786	671	103.6	36.57				
SE 17-062-03	373762	03791	671	85.3	30.48				864
SW 18-062-03	354124	03796	670	137.2	51.81	644.1		3.9	
08 18-062-03	373771	03793	663	56.4	1.52	647.7		1.7	1035
SE 18-062-03	376902	03795	668	109.7	45.72	654.3		2.3	
14 18-062-03	373772	03794	671	115.8	50.59	661.7		0.1	795
SE 21-062-03	373777	03799	672	24.4					1095
SE 21-062-03	364867	03801	669	146.3	43.28	648.7		0.1	
SE 21-062-03	373779	03800	674	61.0	48.77				968
NE 21-062-03	350848	03798	654	109.7	39.62	634.1		3.6	
SE 21-062-03	373777	03799	672	24.4					994
SW 22-062-03	373781	03802	668	103.6	29.26	644.0		0.1	
13 23-062-03	373784	03803	670	94.5	33.53	664.8		3.3	
NW 23-062-03	373783	03804	671	76.2					1297
NW 23-062-03	356133	03805	671	88.4	25.30	664.4		0.1	1020
SW 24-062-03	373787	03808	654	158.5	39.62	644.6		1.1	
NW 24-062-03	373790	03807	660	61.0	15.24	635.9		1.1	
NE 24-062-03	350530	03806	655	68.6	12.19	635.6		4.9	
SE 25-062-03	369002	03810	657	73.2	21.33	648.1		2.7	
NW 25-062-03	376903	03809	663	59.4	22.86	642.8		3.8	
02 26-062-03	373799	03812	670	54.9	21.33				1172
SE 26-062-03	373796	03813	669	64.0	23.16	648.7		1.5	
SW 26-062-03	373802	03815	663	54.9	13.72	648.5		1.4	
NW 27-062-03	373816	03824	631	91.4					975
09 27-062-03	373823	03817	637	125.0	44.80	614.0			
13 27-062-03	371104	03820	637	150.9	50.29	631.0		1.6	
SE 27-062-03	376933	03828	643	115.8	54.86	617.4		4.6	
NE 27-062-03	356153	03821	633	105.2	37.79	614.5		0.1	
NW 27-062-03	369180	03825	631	97.5	36.57	594.5		2.3	
13 27-062-03	373817	03819	637	164.6	64.00	632.5		1.3	
NW 27-062-03	373821	03823	631	146.3	62.18	572.6		0.9	
NE 27-062-03	373826	03822	633	106.7	43.58	626.1		0.1	
01 27-062-03	373805	03816	655	94.5	33.53	650.0		1.7	
SE 27-062-03	373807	03827	643	91.4					769

Water Wells From Groundwater Database

Completed in a Bedrock Aquifer

Legal Location W5M	AEP Number	hc Number	Ground Elevation (m) AMSL	Completed Depth (m)	NPWL (m)	Bedrock Surface Elevation (m) AMSL	Total Thickness Sand / Gravel Below 15 (m)	Apparent Trans-missivity (m^2/day)	TDS (mg/L)
12 27-062-03	373811	03818	630	146.3	50.29	625.7			
NW 28-062-03	373834	03831	650	155.4					
11 28-062-03	373833	03829	643	150.9	60.96	638.5		2.4	
NW 28-062-03	373832	03834	650	147.5	51.20				
SW 28-062-03	350849	03837	631	140.2	52.12	618.3		5.6	
NE 28-062-03	373835	03830	641	146.3	48.77	601.8		1.2	
NW 28-062-03	373831	03833	650	111.6	42.97				
NW 28-062-03	350850	03832	650	146.3	53.03	638.5		1.9	
SE 28-062-03	373828	03835	622	85.3					913
SE 29-062-03	373836	03838	646	146.3	53.34	623.2		1.8	
NW 30-062-03	363267	03839	673	132.6		660.8			
SE 30-062-03	373841	03840	678	109.7	36.57	667.2			
NW 31-062-03	373849	03845	655	106.7	45.72	610.5		2.3	
SE 31-062-03	373844	03850	687	61.0	24.38				907
NW 31-062-03	373848	03848	671	100.6	18.29				
NE 31-062-03	373850	03844	671	70.1	47.24	658.3			
NE 31-062-03	373851	03843	671	41.2					1357
NW 31-062-03	373847	03847	671	67.1	21.33	643.7			
NW 31-062-03	373846	03849	655	45.7					
SE 33-062-03	373854	03853	655	120.7	51.81	597.2			
SE 33-062-03	373853	03857	655	71.6	6.10				839
SE 33-062-03	373855	03856	655	91.4					985
SE 33-062-03	373856	03854	655	146.3	67.05	641.4		6.3	
.. 33-062-03	373857	03851	668						936
SE 33-062-03	378602	03852	655	53.3					947
SE 33-062-03	373852	03855	655	76.2	30.48				2060
NW 34-062-03	373862	03859	662	141.7					883
SW 34-062-03	373859	03863	646						954
SW 34-062-03	373859	03863	646						934
SE 34-062-03	373858	03860	653	123.4		645.1			
SW 34-062-03	373860	03862	646	140.2					726
SW 34-062-03	373860	03862	646	140.2					708
SW 34-062-03	373861	03861	646	146.3	51.20	616.5		1.5	
NW 34-062-03	350851	03858	662	134.1	36.88	648.8		3.1	
SW 34-062-03	373859	03863	646						847
NE 35-062-03	373866	03866	669	45.7	12.19	660.8		1.9	
NE 35-062-03	373865	03865	669	30.5					1074
05 35-062-03	373863	03864	671	59.4	36.57	658.3		2.1	
NW 35-062-03	373864	03867	670	85.3	26.21	662.4		1.6	
SW 04-062-04	373715	03875	653	17.4					
13 04-062-04	373718	03873	649	54.9	13.72	628.7		0.1	
SW 04-062-04	373607	03876	653	15.2					
13 04-062-04	373717	03872	649	45.7	13.72	631.7		0.1	
01 08-062-04	373719	03877	639	73.2	6.10	625.3		0.1	1173
SE 08-062-04	373720	03878	630	109.7	24.38	599.0		1.1	

Water Wells From Groundwater Database

Completed in a Bedrock Aquifer

Legal Location W5M	AEP Number	hc Number	Ground Elevation (m) AMSL	Completed Depth (m)	NPWL (m)	Bedrock Surface Elevation (m) AMSL	Total Thickness Sand / Gravel Below 15 (m)	Apparent Trans-missivity (m^2/day)	TDS (mg/L)
NW 09-062-04	363539	03880	671	132.6	100.58	664.9		2.6	
NW 09-062-04	373722	03881	671	152.4	39.62	650.3		0.1	
NE 09-062-04	373724	03879	671	134.1	88.39	651.2		3.6	
NW 10-062-04	373725	03883	673	13.7	6.10				639
NW 10-062-04	373727	03884	673	12.5	5.79	671.2			
NW 10-062-04	373725	03883	673	13.7	6.10				850
NW 10-062-04	369003	03885	673	115.8	14.63	651.7		0.1	
NE 11-062-04	373728	03886	674	152.4	45.72				950
NE 11-062-04	354594	03887	672	176.8					907
05 12-062-04	373731	03888	671	45.7	5.49	659.4			
SW 12-062-04	378605	03889	660	67.1	30.48				1008
SE 13-062-04	373732	03892	672	18.3	12.19				802
01 13-062-04	373733	03890	671	112.8	56.39	666.4		2.0	
NW 13-062-04	373741	03891	681	18.3					995
NW 14-062-04	373630	03897	678	85.3	51.81	618.9		0.1	
NW 14-062-04	373746	03896	678	24.4					1021
08 14-062-04	373742	03893	682	16.8	1.22	669.7			
02 15-062-04	373761	03898	677	861.9					
08 15-062-04	373752	03899	686	15.9	2.74	681.5			
SE 15-062-04	373754	03901	677	13.7	3.05	674.9			
NW 16-062-04	373788	03905	602	12.2	3.96	592.2			
SW 16-062-04	373729	03911	669	152.4	60.96	641.0			
NW 16-062-04	373785	03904	602	12.2	3.96	592.2			
02 16-062-04	373765	03902	683	15.9	6.10	674.5			
08 22-062-04	373800	03913	686	15.2	2.44	680.3			
01 22-062-04	373804	03912	674	21.0	3.66	669.1			
16 22-062-04	373808	03914	671	14.6	2.74	659.4			
NE 22-062-04	373812	03917	671	43.3	12.80	663.8		1.5	
NW 23-062-04	363019	03918	674	30.5	8.53	668.6		0.1	
13 24-062-04	371105	03920	676	17.4	4.27	665.9			
SE 25-062-04	373819	03925	675	91.4	76.20				1060
SE 25-062-04	373818	03923	686	18.3	9.14				1615
08 25-062-04	373822	03921	674	17.7	3.66	659.4			
SE 25-062-04	378593	03922	675	91.4					878
SE 25-062-04	373818	03923	686	18.3	9.14				1277
SW 26-062-04	373870	03927	671	13.1		668.0			
SW 26-062-04	373825	03932	675	19.8	9.14	669.0		3.9	
NW 26-062-04	373871	03926	655	137.2	77.72	631.8		0.1	
SE 27-062-04	373872	03933	653	20.1	4.57	642.4			1143
16 36-062-04	373875	03936	639	64.0	33.53	600.6			1031
NE 36-062-04	373505	03938	641	79.2	18.29				
NE 36-062-04	357122	03937	641	53.3					
SW 01-063-03	373986	03940	667	45.7	7.62	658.2		3.3	
NW 02-063-03	373992	03941	661	24.4	16.76				951
03 04-063-03	373995	03944	673	86.9	50.29	666.9			

Water Wells From Groundwater Database

Completed in a Bedrock Aquifer

Legal Location W5M	AEP Number	hc Number	Ground Elevation (m) AMSL	Completed Depth (m)	NPWL (m)	Bedrock Surface Elevation (m) AMSL	Total Thickness Sand / Gravel Below 15 (m)	Apparent Trans-missivity (m^2/day)	TDS (mg/L)
SE 05-063-03	373997	03948	674	16.8	1.52				1473
NW 05-063-03	374001	03947	672	134.1	62.48	633.9		18.1	
NW 05-063-03	373999	03946	672	61.0	53.34				880
SE 05-063-03	373997	03948	674	16.8	1.52				980
SW 05-063-03	373998	03949	649	7.6	4.57				1388
SW 06-063-03	369007	03955	651	128.0	57.91	611.7		1.3	
SW 06-063-03	374006	03956	651	91.4	64.00	619.3		3.2	
13 06-063-03	374008	03951	642	114.3	67.05	623.7			
NE 06-063-03	374009	03952	686	89.0	42.67	662.9			828
NE 06-063-03	374010	03953	671	88.4	45.72	645.7		58.5	
04 06-063-03	374004	03950	646	100.6	45.72	618.7			
NW 06-063-03	363540	03954	651	68.6	27.43	628.2		4.1	
01 07-063-03	374012	03957	671	22.6	3.35	663.1			1063
SW 07-063-03	374013	03964	648	134.1					
NE 07-063-03	374017	03959	658	126.5	54.86	647.2		0.1	
NW 07-063-03	369008	03960	634	103.6	45.72	614.2		3.5	
SE 07-063-03	357824	03962	671	169.5	67.05	664.9		0.1	964
SE 07-063-03	354129	03961	699	16.8	3.35	691.6			1065
SE 07-063-03	354129	03961	699	16.8	3.35	691.6			874
SE 07-063-03	354129	03961	699	16.8	3.35	691.6			946
SE 08-063-03	374019	03966	693	39.6					1196
01 08-063-03	371106	03965	672	77.7	47.24	667.4		3.8	
09 09-063-03	374027	03968	680	96.0					642
NE 09-063-03	374024	03970	671	51.8	42.67				
16 09-063-03	374025	03969	671	82.3	30.48	664.9		1.7	
SW 09-063-03	374022	03974	672	54.9					
SW 09-063-03	350945	03971	672	64.0	39.62	666.5		1.6	
NE 09-063-03	374024	03970	671	51.8	42.67				769
NW 10-063-03	374029	03977	671	91.4	45.72				
13 10-063-03	374030	03976	671	64.0	30.48	664.9		10.7	
12 10-063-03	374031	03975	674	41.2					602
04 11-063-03	374032	03978	655	86.9	32.00	646.2		3.9	995
SW 11-063-03	354598	03979	667	85.3					
SW 14-063-03	374034	03980	651	79.2					847
NE 01-063-04	374038	03982	618	91.4	36.57				
NE 01-063-04	374039	03983	633	65.5	48.77	597.7		27.8	
NE 01-063-04	374043	03984	618	71.6					
NE 01-063-04	383063	03985	618	64.0	53.34				
NE 12-063-04	383132	03990	576	64.0	48.77				
SE 12-063-04	350853	03991	589	85.3	46.94	561.2		3.9	
02 12-063-04	374048	03989	587	59.4	48.77	554.8		56.9	
SE 20-056-01	385462	00011	719	9.1	8.23				770
01 21-056-01	385481	00013	716	8.2	6.10				
09 21-056-01	385496	00015	716	27.1	10.67				
09 21-056-01	385497	00017	715	27.1	10.67				

Water Wells From Groundwater Database

Completed in an Aquifer in Surficial Deposits

Legal Location W5M	AEP Number	hc Number	Ground Elevation (m) AMSL	Completed Depth (m)	NPWL (m)	Bedrock Surface Elevation (m) AMSL	Total Thickness Sand / Gravel Below 15 (m)	Apparent Trans-missivity (m^2/day)	TDS (mg/L)
SW 22-056-01	385502	00026	718	4.6	1.52				285
NW 28-056-01	385558	00035	715	9.1					760
05 31-056-01	385578	00043	701	6.7	4.57				
NW 31-056-01	385587	00045	701	9.8	7.62				1061
NW 31-056-01	385589	00044	704	9.8	2.13				
NW 31-056-01	385585	00046	701	4.3					842
NE 33-056-01	361187	00056	728	13.4	3.96				
01 04-057-01	385602	00070	731	17.4	3.66		0.6		
SE 04-057-01	385603	00074	730	17.4	3.66				
NW 04-057-01	385623	00072	719	13.7	1.22	706.0			
SW 06-057-01	385643	00081	709	7.3	4.57				952
SW 06-057-01	385643	00081	709	7.3	4.57				922
02 07-057-01	369781	00084	702	9.1	4.57				1134
NE 07-057-01	385655	00086	696	15.2	3.05				569
SH 07-057-01	385653	00091	701	17.4	6.10				
SE 08-057-01	385748	00095	716	6.1	2.44				663
SW 09-057-01	385751	00101	717	4.6					645
SW 09-057-01	369652	00099	717	4.3	2.13				528
01 15-057-01	385771	00109	718	18.3	14.63				
13 17-057-01	385775	00112	709	16.5	8.23		0.9		
NW 21-057-01	385799	00138	696	32.0					
NW 22-057-01	385809	00145	700	18.3					644
NW 22-057-01	385807	00148	700	59.7	38.40	641.2			
SE 30-057-01	385983	00171	713	9.1	3.05				935
NW 30-057-01	385984	00170	668	6.1	3.05				773
NE 30-057-01	385994	00165	682	14.6	13.41				636
NE 30-057-01	385994	00165	682	14.6	13.41				698
NE 30-057-01	385997	00166	682	11.6	4.57				638
SE 07-057-02	385717	00202	677	24.7	12.19				
SE 07-057-02	385718	00203	677	32.0	18.29				749
NE 07-057-02	385858	00199	667	10.1	4.57				716
SE 07-057-02	385715	00207	677	22.9	4.57				1022
NE 07-057-02	385858	00199	667	10.1	4.57				835
08 07-057-02	385724	00193	672	18.3					811
SE 10-057-02	385890	00215	697	7.9	4.57				842
01 12-057-02	385893	00217	699	8.5					
02 14-057-02	385920	00246	687	14.9	5.79				
SE 14-057-02	385919	00248	681	9.1	7.62				800
NW 16-057-02	357035	00256	694	11.6					850
NE 18-057-02	385940	00271	675	16.8	11.28				728
.. 18-057-02	385950	00264	655	5.5					
NW 19-057-02	385989	00296	671	4.9	1.22				356
SE 19-057-02	361786	00302	686	18.3					
SW 20-057-02	386151	00333	689	10.7					
NW 23-057-02	386283	00346	692	19.8	12.80				1070

Water Wells From Groundwater Database

Completed in an Aquifer in Surficial Deposits

Legal Location W5M	AEP Number	hc Number	Ground Elevation (m) AMSL	Completed Depth (m)	NPWL (m)	Bedrock Surface Elevation (m) AMSL	Total Thickness Sand / Gravel Below 15 (m)	Apparent Trans-missivity (m^2/day)	TDS (mg/L)
12 25-057-02	386302	00357	698	20.4	11.58				
04 25-057-02	386293	00352	700	15.2					
12 25-057-02	386295	00356	698	53.6	16.70		18.5	0.1	672
09 25-057-02	386314	00355	669	45.7	12.50				
SW 26-057-02	386320	00363	694	18.3					
SW 26-057-02	354571	00364	694	17.7					
SE 28-057-02	386331	00378	689	6.1	2.44				992
NW 32-057-02	386422	00388	660	32.0	9.14	629.9			1047
NE 36-057-02	386442	00397	667	13.7	6.10				823
NW 36-057-02	350810	00400	677	15.2	3.66				
SW 27-057-05	351506	00485	655	38.1	8.69		13.7	10.5	
NE 05-058-01	380082	00496	701	12.2					674
NE 06-058-01	380083	00499	699	16.8	6.10				574
NE 07-058-01	380099	00505	699	17.1	4.57				520
12 07-058-01	380096	00501	684	18.3	10.67				1032
NE 10-058-01	382056	00510	715	9.1	7.62				593
02 15-058-01	382089	00512	710	9.8					
NE 16-058-01	382119	00521	697	19.2					423
SW 16-058-01	382103	00525	701	16.8	12.19				595
NW 16-058-01	382113	00522	698	18.3	4.27				632
03 16-058-01	382110	00516	707	13.7	10.67				1120
NW 18-058-01	382144	00535	699	18.3					946
04 19-058-01	382148	00545	686	12.2	7.62				1752
04 19-058-01	382151	00544	686	10.7	6.10				
NW 20-058-01	364275	00551	699	12.2					484
NW 20-058-01	364275	00551	699	12.2					537
NE 21-058-01	382167	00553	692	39.6	2.44	652.6		84.0	1452
NW 21-058-01	382163	00555	683	15.2	7.62				665
NW 22-058-01	382188	00567	683	6.7	2.44				536
SW 22-058-01	382168	00568	704	5.5	0.91				611
NW 30-058-01	383894	00589	699	18.3	10.67				750
00 30-058-01	382274	00581	701	10.4					1032
03 30-058-01	382253	00582	699	14.9	7.92				
NW 30-058-01	383894	00589	699	18.3	10.67				858
03 30-058-01	382243	00583	699	13.1	3.66	687.0			
SW 30-058-01	382254	00597	701	11.9	6.71				
11 30-058-01	382265	00587	701	15.2	7.01				672
NW 30-058-01	382255	00592	701	7.3	4.27				514
NW 30-058-01	383894	00589	699	18.3	10.67				731
NE 33-058-01	382333	00605	688	15.2	10.67				456
NE 33-058-01	382334	00604	688	18.3	9.14				455
NW 34-058-01	382361	00621	678	11.0	3.05				
NE 34-058-01	382363	00618	655	29.6	9.14		2.4		
NW 34-058-01	382355	00619	663	12.8	6.10	650.4			
01 02-058-02	380396	00627	673	8.5	5.49				

Water Wells From Groundwater Database

Completed in an Aquifer in Surficial Deposits

Legal Location W5M	AEP Number	hc Number	Ground Elevation (m) AMSL	Completed Depth (m)	NPWL (m)	Bedrock Surface Elevation (m) AMSL	Total Thickness Sand / Gravel Below 15 (m)	Apparent Trans-missivity (m^2/day)	TDS (mg/L)
NE 03-058-02	380426	00636	678	9.1					
NE 03-058-02	380407	00631	678	9.1	3.05				821
NE 03-058-02	380424	00638	678	7.6					828
NE 03-058-02	380419	00641	678	20.7	6.10				
NE 03-058-02	380410	00634	678	10.1	5.49				726
SW 15-058-02	380446	00667	671	18.3					747
01 16-058-02	380449	00668	672	21.3	10.97				
01 17-058-02	380456	00678	674	15.9	9.75				
SW 18-058-02	380462	00689	669	36.6					421
NE 21-058-02	380540	00703	662	13.1	6.10				
NW 24-058-02	380558	00720	676	7.3					
NW 24-058-02	383899	00719	676	13.4	12.80				
NW 24-058-02	380559	00721	676	12.8	1.52				
NW 25-058-02	381219	00729	701	37.2	2.13			0.1	
NW 25-058-02	380588	00728	705	15.2					1013
NE 26-058-02	380589	00733	694	76.2	7.01				937
NE 27-058-02	380593	00734	671	15.9	4.57				
SW 28-058-02	380601	00738	669	18.3					1036
SW 28-058-02	380600	00739	669	24.4	3.05				1026
SE 29-058-02	380604	00744	659	9.1					284
SE 34-058-02	380636	00764	683	45.7	21.33				1410
NW 34-058-02	380638	00762	671	39.6					
SW 35-058-02	380639	00766	674	24.4					1554
SW 35-058-02	380639	00766	674	24.4					1492
NE 06-058-03	380783	00787	644	10.1					805
NW 07-058-03	380792	00788	648	9.1	5.49				
NW 08-058-03	380794	00796	642	6.7	3.05				1419
NW 08-058-03	380794	00796	642	6.7	3.05				1410
NW 13-058-03	380809	00805	633	9.1	6.71				358
NE 14-058-03	350520	00808	639	56.4	12.19			3.7	
NE 15-058-03	380840	00816	666	19.5	6.10				
NW 16-058-03	380843	00823	644	10.7	4.57				
NE 19-058-03	383905	00840	661	7.6					1003
SE 20-058-03	380864	00857	652	8.5					1566
SE 20-058-03	380894	00856	652	7.9					
NH 23-058-03	380915	00867	640	13.7					1424
13 25-058-03	380918	00869	636	6.4					
13 25-058-03	380920	00870	636	13.1					1130
NW 25-058-03	380922	00871	635	48.8					556
SW 27-058-03	380943	00886	645	12.2	4.57				
NE 32-058-03	380962	00904	657	16.8					2068
SE 33-058-03	380968	00909	649	16.8	3.05				1403
SW 34-058-03	356128	00917	647	13.4					1898
SE 35-058-03	380987	00924	638	15.2	9.14				
NE 36-058-03	381003	00932	634	7.3	5.18				530

Water Wells From Groundwater Database

Completed in an Aquifer in Surficial Deposits

Legal Location W5M	AEP Number	hc Number	Ground Elevation (m) AMSL	Completed Depth (m)	NPWL (m)	Bedrock Surface Elevation (m) AMSL	Total Thickness Sand / Gravel Below 15 (m)	Apparent Trans-missivity (m^2/day)	TDS (mg/L)
SE 04-058-04	381546	00947	671	27.4					
NW 09-058-04	381561	00958	666	24.4	15.24				1350
NW 09-058-04	381562	00959	666	7.6	5.49				1060
NW 09-058-04	381563	00960	666	7.6					791
NW 12-058-04	381571	00968	655	25.9	18.29				1362
09 13-058-04	381576	00972	657	12.8	9.14				1120
09 13-058-04	381581	00973	657	14.6	9.14				
SE 23-058-04	381643	01027	658	7.6	2.44				1240
SE 04-058-05	381810	01092	684	21.3	12.80				1378
SE 04-058-05	381813	01091	686	24.4					1298
SE 04-058-05	381811	01090	674	25.9					1312
NE 06-058-05	381838	01106	664	8.5	1.83				537
NE 06-058-05	381838	01106	664	8.5	1.83				496
SW 14-058-05	381907	01137	669	21.3					
SE 16-058-05	381913	01149	667	10.1	5.94				668
NW 16-058-05	381919	01148	655	14.0	6.10				1468
16 16-058-05	381922	01145	669	20.7	6.10				1257
NE 17-058-05	381925	01156	655	14.9	6.10				
NE 19-058-05	350397	01166	661	15.9		647.0			
NE 19-058-05	381948	01170	661	15.9		647.0			
09 19-058-05	381951	01161	652	5.5	3.96				516
09 19-058-05	381953	01162	652	8.5	1.22				
SE 20-058-05	381955	01174	652	16.8					
SW 22-058-05	381967	01186	669	15.9	5.49				
NW 23-058-05	381974	01198	671	21.9	13.72				
NW 31-058-05	382033	01221	667	19.8					
05 27-058-06	382227	01262	655	9.1	6.10				
05 27-058-06	382225	01263	655	11.0	3.35				1522
NE 36-058-06	382282	01286	655	13.4	3.05				500
SW 01-059-02	381780	01292	672	16.5	6.10				633
NE 02-059-02	381785	01295	661	25.9	4.57	636.4			
16 02-059-02	381782	01293	655	17.4	5.18				1274
NE 02-059-02	381783	01294	655	17.4	6.10				1028
16 02-059-02	381782	01293	655	17.4	5.18				1010
12 03-059-02	381789	01301	654	7.9					678
SE 04-059-02	381793	01311	644	12.2					710
NE 05-059-02	381801	01314	636	6.1	4.88				1650
SE 06-059-02	361813	01320	639	18.3					
NE 07-059-02	382304	01322	635	12.2					
16 09-059-02	382312	01327	640	26.2	4.57				
16 09-059-02	382314	01325	640	11.0	5.49				
05 10-059-02	382328	01331	639	9.8					1424
SE 10-059-02	382317	01342	640	7.6					802
05 10-059-02	382328	01331	639	9.8					1454
NW 13-059-02	382422	01356	655	15.2					606

Water Wells From Groundwater Database

Completed in an Aquifer in Surficial Deposits

Legal Location W5M	AEP Number	hc Number	Ground Elevation (m) AMSL	Completed Depth (m)	NPWL (m)	Bedrock Surface Elevation (m) AMSL	Total Thickness Sand / Gravel Below 15 (m)	Apparent Trans-missivity (m^2/day)	TDS (mg/L)
NW 14-059-02	382456	01360	640						1429
SE 15-059-02	382463	01366	640	13.7	3.05				813
SE 16-059-02	382467	01383	638	18.3	6.10				
SE 16-059-02	382476	01387	638						1034
SE 16-059-02	382474	01385	638	21.9					649
·· 16-059-02	382485	01368	639	6.4	2.44				944
NE 20-059-02	382508	01404	634	15.5	4.57				
NW 20-059-02	382500	01407	636	16.8	6.10				787
SE 20-059-02	382497	01411	633	22.9	2.44				1058
NW 20-059-02	382500	01407	636	16.8	6.10				809
NW 20-059-02	382500	01407	636	16.8	6.10				668
NE 20-059-02	382506	01406	634	9.1					
NW 21-059-02	382524	01414	625	30.5					346
SE 21-059-02	382516	01416	634	48.8	15.24				
NE 22-059-02	382558	01421	637	18.3	4.57				
01 22-059-02	382556	01419	640	16.8	3.66				
NW 23-059-02	353017	01425	635	18.3	4.27	618.8			
12 23-059-02	382560	01424	637	21.3	3.66				
SE 23-059-02	382559	01428	641						474
SW 26-059-02	382565	01434	633	4.9	2.44				
SE 28-059-02	382583	01441	625	45.7	3.66			34.9	
SE 28-059-02	382583	01441	625	45.7	3.66			34.9	654
SE 28-059-02	382583	01441	625	45.7	3.66			34.9	544
NE 29-059-02	367918	01444	640	11.3					
NW 30-059-02	382591	01450	646	10.7	4.57				930
NW 30-059-02	382592	01451	649	12.2	7.62				1002
SW 30-059-02	382589	01454	651	9.8					419
SW 01-059-03	382309	01477	633	13.7	9.14				1420
04 02-059-03	382338	01483	640	12.2	4.57				
NW 03-059-03	382356	01489	642	9.8					
NE 06-059-03	382371	01506	658	10.4	6.10	649.2			
SE 07-059-03	351544	01515	661	36.6	14.63			1.7	
NW 09-059-03	364618	01526	646	38.1					
NW 09-059-03	382410	01527	646	38.1					
NW 09-059-03	382409	01525	646	35.1	18.29				868
NW 09-059-03	382407	01524	646	23.8	15.24				1105
NW 09-059-03	382407	01524	646	23.8	15.24				1228
15 09-059-03	388820	01521	643	33.5	21.33				1488
15 09-059-03	388820	01521	643	33.5	21.33				1488
02 12-059-03	382423	01535	640	18.3	6.10				862
02 12-059-03	382421	01536	640	9.1	7.31				1176
SE 15-059-03	382612	01562	637	24.4					
SE 17-059-03	357075	01578	642	32.0					
SE 17-059-03	382633	01579	642	32.0					
SE 17-059-03	382629	01580	646	17.1	11.89				2054

Water Wells From Groundwater Database

Completed in an Aquifer in Surficial Deposits

Legal Location W5M	AEP Number	hc Number	Ground Elevation (m) AMSL	Completed Depth (m)	NPWL (m)	Bedrock Surface Elevation (m) AMSL	Total Thickness Sand / Gravel Below 15 (m)	Apparent Trans-missivity (m^2/day)	TDS (mg/L)
14 19-059-03	382674	01590	640	35.1	3.66	606.2		4.0	1146
14 19-059-03	382674	01590	640	35.1	3.66	606.2		4.0	1110
09 19-059-03	382676	01589	640	12.8	4.57				1078
SE 20-059-03	382678	01617	638	8.5	1.83				1100
SE 20-059-03	382683	01615	638	48.8	2.44	591.4		4.7	965
08 20-059-03	382682	01597	637	48.8	3.05			1.3	916
08 20-059-03	382682	01597	637	48.8	3.05			1.3	919
NE 22-059-03	382741	01636	646	18.3	3.05				872
NE 22-059-03	382739	01635	646	12.2					534
NE 22-059-03	382738	01637	646	10.7	3.05				459
SW 24-059-03	382784	01665	646	39.6	12.80	607.7			
02 25-059-03	382883	01667	655	17.4	7.31				
NW 25-059-03	382885	01669	663	15.2	9.14				
SE 25-059-03	382881	01672	653	11.3	5.79				
09 28-059-03	382916	01683	655	29.0	1.52	627.9			
01 32-059-03	382987	01733	655	22.9					
NW 34-059-03	383007	01750	677	12.2	11.58				452
SW 36-059-03	383031	01771	664	27.4	19.81				798
16 01-059-04	382405	01773	669	15.2	3.66				
16 01-059-04	382416	01774	669	18.0					
NW 05-059-04	382510	01797	647	19.8					
NE 10-059-04	351545	01823	641	68.6	9.14				
NE 12-059-04	354581	01837	646	18.3	12.19				1987
NE 12-059-04	354581	01837	646	18.3	12.19				1897
NW 14-059-04	382645	01853	640	21.3	9.14				1172
NW 14-059-04	382645	01853	640	21.3	9.14				1154
11 16-059-04	382698	01864	643	13.1	4.57				
SW 17-059-04	354582	01877	646	12.2					
SW 17-059-04	382703	01879	651	10.7	3.05				306
SW 18-059-04	382725	01885	650	5.5					1520
SE 18-059-04	382716	01884	647	11.3	3.66				1154
NW 18-059-04	382729	01883	651	21.3	9.14				2430
NE 21-059-04	382805	01906	657	15.2					
SW 21-059-04	382786	01913	646	16.8	16.76				1733
SW 21-059-04	382785	01912	646	6.7	3.05				
SE 24-059-04	365273	01925	640	54.9	8.53	586.1		0.1	
SE 24-059-04	382850	01929	645	27.4	10.67				843
NW 29-059-04	382898	01958	657	13.7	5.49				1559
NW 29-059-04	382898	01958	657	13.7	5.49				
SE 29-059-04	382895	01960	652	4.9					427
SW 34-059-04	382983	01986	665	27.4					
SW 34-059-04	382978	01989	665	30.5	4.57			10.8	
SW 34-059-04	382980	01988	655	18.3	4.57			11.7	
SW 34-059-04	382981	01991	667	32.0	22.86				
SW 34-059-04	382977	01990	658	32.0	10.36			0.1	

Water Wells From Groundwater Database

Completed in an Aquifer in Surficial Deposits

Legal Location W5M	AEP Number	hc Number	Ground Elevation (m) AMSL	Completed Depth (m)	NPWL (m)	Bedrock Surface Elevation (m) AMSL	Total Thickness Sand / Gravel Below 15 (m)	Apparent Trans-missivity (m^2/day)	TDS (mg/L)
02 11-059-05	383053	02034	671	14.9	4.88				
SW 16-059-05	383144	02056	672	15.2	7.62				537
NE 20-059-05	383413	02116	671	19.8					1425
SW 33-059-05	383302	02229	660	21.3					
NW 03-059-06	383854	02251	667	20.7	12.19				
09 28-059-06	383199	02274	671	15.2					
SE 31-059-06	383227	02293	696	27.4	9.14				1492
07 02-060-02	372604	02311	625	5.8	3.05				
SE 02-060-02	372606	02315	631	10.4					427
SE 04-060-02	367094	02342	649	10.7	7.62				592
04 04-060-02	372631	02333	658	24.4	15.24	635.5			
SE 04-060-02	367094	02342	649	10.7	7.62				566
SW 10-060-02	372666	02377	658	9.8	6.71				778
SW 10-060-02	372665	02376	658	4.3	2.44				778
SW 12-060-02	372672	02387	625	9.8					
SW 12-060-02	372671	02386	625	9.4	1.83				
05 12-060-02	372674	02382	625	9.4					
SW 16-060-02	372698	02400	671	12.2	3.05				462
NE 19-060-02	372716	02408	671	12.2	9.14				1187
SE 20-060-02	372723	02420	671	9.1	6.10				
SE 20-060-02	372726	02419	671	7.6					544
SE 21-060-02	372735	02427	654	7.6	2.13				710
08 28-060-02	372772	02442	658	7.9	2.13				
SE 28-060-02	372771	02444	654	7.9	4.88				
SW 28-060-02	372775	02445	648	12.2					599
08 28-060-02	372774	02441	658	7.9					
SE 33-060-02	372811	02468	674	12.2	3.05				680
SW 02-060-03	372712	02485	671	18.3					
NE 02-060-03	372713	02480	671	18.3	2.13				907
NE 02-060-03	372713	02480	671	18.3	2.13				1047
09 02-060-03	372718	02479	662	15.2	3.66				1044
SE 04-060-03	372730	02489	674	13.7	12.19				332
08 09-060-03	372816	02538	685	25.6	12.19				1620
NW 12-060-03	351315	02573	661	25.9	19.81			33.3	
12 17-060-03	373073	02608	681	13.1	6.10				1244
SE 17-060-03	373055	02616	671	13.7	7.62				
SE 17-060-03	373056	02615	671	8.5	4.27				650
14 19-060-03	373108	02623	681	13.1	6.10				
SW 19-060-03	373096	02627	695	13.1	9.14				1226
SW 26-060-03	373174	02671	689	9.1	3.05				392
SW 26-060-03	373174	02671	689	9.1	3.05				
SE 26-060-03	373166	02670	685	12.2	10.36				666
SE 26-060-03	373166	02670	685	12.2	10.36				668
SW 26-060-03	373175	02672	689	10.7					573
SE 28-060-03	373214	02697	695	9.1	2.74				

Water Wells From Groundwater Database

Completed in an Aquifer in Surficial Deposits

Legal Location W5M	AEP Number	hc Number	Ground Elevation (m) AMSL	Completed Depth (m)	NPWL (m)	Bedrock Surface Elevation (m) AMSL	Total Thickness Sand / Gravel Below 15 (m)	Apparent Trans-missivity (m^2/day)	TDS (mg/L)
04 28-060-03	373236	02689	698	12.2					
04 28-060-03	373234	02688	698	12.2	11.28				856
02 28-060-03	373230	02687	686	6.7	1.83				638
SE 28-060-03	373218	02700	684	20.4	8.53	665.0			
SE 28-060-03	373212	02696	695	7.3	5.49				
NE 30-060-03	373272	02707	675	8.5	6.10				
NE 30-060-03	373272	02707	675	8.5	6.10				568
NE 30-060-03	373273	02706	674	11.3	3.66	664.4			
NE 30-060-03	373274	02708	671	15.2	6.10				705
01 32-060-03	378620	02726	668	13.1		656.8			
12 34-060-03	373307	02738	689	15.2	10.67				
04 35-060-03	373322	02740	701	13.7	6.10				1448
SW 01-060-04	372839	02769	669	6.7	4.88				1164
NW 02-060-04	372853	02777	669	10.7	6.10				1936
NE 02-060-04	372854	02774	669	19.8	6.10	650.7			
NW 03-060-04	372861	02786	671	17.4	3.66		2.4		
NW 06-060-04	372869	02799	671	10.7					836
SW 06-060-04	372868	02801	668	61.0					1662
NW 06-060-04	372873	02798	678	30.5	11.28				
13 06-060-04	372871	02794	670	11.6	4.88				
SE 09-060-04	372879	02806	683	7.9	4.88				874
SE 09-060-04	372880	02807	684	15.2	1.22				1058
SW 19-060-04	372924	02845	667	11.6	4.27				1014
SW 19-060-04	372924	02845	667	11.6	4.27				854
NW 20-060-04	372943	02853	683	18.3					
16 20-060-04	372945	02848	683	20.7	9.75		4.2		
NE 22-060-04	372969	02864	671	24.4	5.18				1129
NE 22-060-04	372969	02864	671	24.4	5.18				1046
SW 24-060-04	372977	02890	671	25.6	15.24				1001
15 24-060-04	372993	02873	675	10.1	0.91				1242
NW 31-060-04	373016	02925	694	29.3					572
NW 32-060-04	373021	02931	686	13.7	5.49				
SE 18-060-05	383568	03000	677	9.1	4.57				390
SE 18-060-05	383568	03000	677	9.1	4.57				305
SW 19-060-05	388527	03008	687	8.5					
12 19-060-05	383610	03004	691	6.1	4.88				
16 26-060-05	383695	03034	687	11.6	3.05				635
SE 29-060-05	383698	03046	699	7.6	1.83				802
02 29-060-05	383700	03045	699	7.6	1.83				
SE 31-060-05	383703	03053	704	14.6	14.63				1601
NW 34-060-05	383714	03060	698	4.6					325
NW 03-060-06	383350	03081	669	9.1					
NW 06-060-06	383358	03093	701	17.7	8.53				528
10 10-060-06	383371	03101	666	9.1	4.57				724
05 10-060-06	383367	03100	671	18.3	6.10	654.1		13.2	

Water Wells From Groundwater Database

Completed in an Aquifer in Surficial Deposits

Legal Location W5M	AEP Number	hc Number	Ground Elevation (m) AMSL	Completed Depth (m)	NPWL (m)	Bedrock Surface Elevation (m) AMSL	Total Thickness Sand / Gravel Below 15 (m)	Apparent Trans-missivity (m^2/day)	TDS (mg/L)
NW 12-060-06	388840	03114	671	19.8					
NW 12-060-06	388839	03113	671	21.6	2.13				
08 24-060-06	383406	03149	688	14.0	5.49				
SW 26-060-06	388841	03159	703	10.7					
SW 26-060-06	388842	03164	701	9.1	6.10				
NE 28-060-06	383439	03170	717	12.2					
06 28-060-06	383438	03168	715	6.7	6.10				404
SW 31-060-06	366124	03178	717	67.1	33.53			14.9	
SW 31-060-06	383444	03177	717	43.6	33.53				825
SE 36-060-06	383446	03182	701	14.6					
NW 07-060-07	383552	03202	792	21.3	3.05				521
SE 12-060-07	383558	03210	706	12.2					1084
SE 12-060-07	383557	03208	706	10.7	6.10				1146
SE 12-060-07	383560	03209	706	15.2					727
NE 15-060-07	383574	03224	727	14.0	9.14				
SE 34-060-07	383588	03234	700	20.7	17.07				540
SE 34-060-07	383588	03234	700	20.7	17.07				
SE 35-060-07	383590	03238	712	45.7				0.1	
NE 35-060-07	383592	03237	701	36.9	27.43				430
12 01-061-03	373287	03268	681	15.2	6.40				2134
NE 02-061-03	373298	03276	675	17.1	5.49				
NE 02-061-03	373295	03278	675	17.7	4.57				1392
NE 02-061-03	373295	03278	675	17.7	4.57				1354
NE 20-061-03	373383	03338	655	9.1					726
NE 20-061-03	373383	03338	655	9.1					1008
NW 25-061-03	373426	03375	640	25.9					559
03 28-061-03	373449	03395	648	15.2		634.3			
NW 32-061-03	373461	03406	660	8.5	3.66				2840
NW 32-061-03	373461	03406	660	8.5	3.66				3174
SW 34-061-03	373497	03458	645	6.1					
NW 34-061-03	373509	03452	648	7.0	1.83				1468
11 04-061-04	373390	03491	672	10.4	2.74				
00 06-061-04	373411	03510	639	10.7	3.05				
NW 06-061-04	373403	03515	687	11.0	7.31				
NE 06-061-04	373406	03513	689	9.1	3.05				
16 06-061-04	373407	03511	685	10.7	1.83				
04 08-061-04	373430	03527	685	9.8	2.44				
SE 15-061-04	373466	03550	668	11.9					
02 16-061-04	373478	03552	671	12.2	1.52	658.6			
NW 16-061-04	366562	03556	668	6.4					
NW 23-061-04	373556	03583	668	9.8	3.66				
05 23-061-04	373554	03582	663	25.9	1.83	638.9			
NW 24-061-04	373562	03590	671	7.6	5.49				
SW 26-061-04	366455	03593	679	12.2					
01 30-061-04	373591	03616	686	17.1	3.05				

Water Wells From Groundwater Database

Completed in an Aquifer in Surficial Deposits

Legal Location W5M	AEP Number	hc Number	Ground Elevation (m) AMSL	Completed Depth (m)	NPWL (m)	Bedrock Surface Elevation (m) AMSL	Total Thickness Sand / Gravel Below 15 (m)	Apparent Trans-missivity (m^2/day)	TDS (mg/L)
SE 30-061-04	373593	03618	686	6.4	5.18				
NE 32-061-04	367641	03620	659	18.3					
NW 07-061-05	383457	03629	674	14.6	6.71				
NW 07-061-05	383460	03631	678	4.6					
NW 09-061-05	383467	03637	701	9.1					602
NE 12-061-05	383470	03642	684	10.7					438
NE 12-061-05	383468	03641	684	12.2					390
NE 12-061-05	383469	03639	686	6.1	5.49				696
NE 13-061-05	383471	03644	695	6.7	2.44				632
SE 14-061-05	383472	03662	696	10.7	5.49				913
NE 14-061-05	383490	03646	704	20.1	3.96				
SW 14-061-05	383479	03664	696	9.8	3.05				585
NW 15-061-05	383492	03668	671	14.3	3.66				
SE 16-061-05	383495	03673	691	15.2					
NE 17-061-05	383500	03677	683	24.1	14.32				
02 17-061-05	383498	03675	683	12.8	7.31				482
NW 19-061-05	383507	03682	640	17.7	11.58				
NW 19-061-05	383505	03681	640	7.9	2.13				292
SE 21-061-05	356570	03684	683	17.1					444
SW 21-061-05	351334	03686	657	18.3	7.31				
NE 23-061-05	361190	03688	703	21.3	5.18				
NW 24-061-05	383644	03690	701	14.3	3.05				
SW 30-061-05	383650	03701	625	19.5	2.44	607.1			
SW 31-061-05	383652	03703	611	1.8					
SW 32-061-05	383653	03705	610	9.1					435
SE 33-061-05	388822	03706	606	65.8					753
SE 33-061-05	388822	03706	606	65.8					904
SE 33-061-05	388822	03706	606	65.8					884
SW 02-061-06	383655	03707	703	10.7	5.18				
NE 12-061-06	383660	03708	674	30.5					
SE 12-061-06	383656	03711	676	20.7	6.71				
SE 12-061-06	383657	03713	687	24.4					541
SE 36-061-06	383663	03716	609	5.5	3.66				280
NE 02-061-07	383664	03718	640	12.2	6.10				415
NE 09-061-07	383667	03720	619	7.9	5.49				
08 05-062-03	373661	03741	658	13.4	3.05	644.9			
12 20-062-03	373774	03797	666	3.1					
SE 26-062-03	373793	03814	669	12.2	2.44				852
SE 27-062-03	361852	03826	643	15.2					
SW 30-062-03	373843	03842	681	14.9	4.27				964
12 04-062-04	373716	03871	655	11.9					
SW 04-062-04	355994	03874	653	17.4	9.45				
NW 09-062-04	373721	03882	675	8.2	5.18				481
NW 09-062-04	373721	03882	675	8.2	5.18				510
NW 16-062-04	357399	03910	602	10.4	3.96	591.8			

Water Wells From Groundwater Database

Completed in an Aquifer in Surficial Deposits

Legal Location W5M	AEP Number	hc Number	Ground Elevation (m) AMSL	Completed Depth (m)	NPWL (m)	Bedrock Surface Elevation (m) AMSL	Total Thickness Sand / Gravel Below 15 (m)	Apparent Trans-missivity (m^2/day)	TDS (mg/L)
NE 22-062-04	373806	03915	671	15.9	3.05				832
SE 25-062-04	373815	03924	680	20.1	9.14				754
SW 26-062-04	373827	03928	686	18.9					705
SW 26-062-04	373827	03928	686	18.9					786
13 05-063-03	374003	03945	672	5.8					
15 07-063-03	374014	03958	639	67.1	50.29				887
SE 07-063-03	374011	03963	671	8.5	4.88				1168
SE 07-063-03	374011	03963	671	8.5	4.88				1189
NE 01-063-04	374041	03986	632	61.0					
NW 22-057-01	357033	00142	700						
NE 22-057-01	385812	00141	701						
SE 07-057-02	385722	00204	677						
SE 07-057-02	385720	00205	677						
NW 19-057-02	361787	00290	686						
NE 22-057-02	386213	00335	695						
NE 22-057-02	386218	00334	695						
NE 31-057-02	386340	00382	657						
SE 34-057-02	386434	00393	694						
NE 34-057-04	354573	00443	649						
NE 19-057-05	364053	00465	688						
00 21-057-05	361793	00468	663						
SE 27-057-05	363759	00484	656						
SW 08-058-01	382052	00508	686						
NE 27-058-01	357048	00572	698						
SE 28-058-01	382217	00576	677						
NW 30-058-01	382263	00593	701						
NE 01-058-02	380392	00623	671						
NW 07-058-03	361801	00789	648						
.. 14-058-03	380833	00807	640						
SE 15-058-03	380834	00820	652						
NE 19-058-03	380862	00838	661						
NE 27-058-03	380948	00882	641						
SE 29-058-03	380954	00893	654						
NW 31-058-03	357053	00901	671						
NE 32-058-03	380964	00905	657						
SE 34-058-03	380976	00916	644						
NE 35-058-03	380999	00919	639						
NW 07-058-04	381557	00953	671						
SW 28-058-04	381675	01047	657						
SW 31-058-04	381679	01049	659						
NW 35-058-04	381703	01070	658						
NW 05-058-05	357055	01102	671						
NW 05-058-05	381836	01103	671						
SE 05-058-05	381832	01104	686						
SE 22-058-05	357056	01183	669						

Water Wells From Groundwater Database

Completion Unknown

Legal Location W5M	AEP Number	hc Number	Ground Elevation (m) AMSL	Completed Depth (m)	NPWL (m)	Bedrock Surface Elevation (m) AMSL	Total Thickness Sand / Gravel Below 15 (m)	Apparent Trans-missivity (m^2/day)	TDS (mg/L)
SE 22-058-05	381962	01182	669						
SE 25-058-06	365694	01255	661						
NE 34-058-06	382237	01269	663						
SE 36-058-06	382258	01288	662						
SE 36-058-06	382257	01290	662						
SW 10-059-02	382327	01344	638						
NE 14-059-02	357073	01359	644						
NW 14-059-02	382458	01361	640						
NE 16-059-02	382484	01372	639						
SW 16-059-02	382483	01390	633						786
NW 19-059-02	382495	01399	643						606
NW 19-059-02	382496	01400	643						565
NE 20-059-02	382502	01403	626						678
SE 21-059-02	382518	01415	634						1070
NW 30-059-02	382593	01449	646						1045
NE 01-059-03	382330	01473	633						
SW 01-059-03	382316	01482	633						
NE 01-059-03	361816	01472	633						
NW 13-059-03	382520	01541	637						
NE 14-059-03	382611	01550	636						
NE 20-059-03	382691	01613	640						1270
NE 20-059-03	382690	01606	640						788
NE 20-059-03	382689	01607	640						1320
NE 20-059-03	382688	01608	640						1170
NW 25-059-03	382887	01671	663						
NE 25-059-03	382888	01668	653						1044
SW 28-059-03	382911	01689	646						
SW 29-059-03	382936	01714	643						1506
SW 29-059-03	382958	01713	640						1440
NW 33-059-03	382998	01745	661						
NW 33-059-03	382996	01744	661						
SW 33-059-03	382992	01749	656						1054
SW 11-059-04	363815	01832	643						
NE 19-059-04	382748	01892	654						
NE 21-059-04	382806	01907	646						
SE 21-059-04	382783	01911	644						
SW 24-059-04	382854	01930	640						
SE 24-059-04	382852	01928	640						
SE 24-059-04	382853	01927	640						
SE 25-059-04	382861	01937	646						
SW 27-059-04	382875	01948	651						
NW 27-059-04	382876	01947	655						
SE 28-059-04	357077	01954	650						
NE 28-059-04	382893	01952	653						
SW 28-059-04	382884	01956	651						

Water Wells From Groundwater Database

Completion Unknown

Legal Location W5M	AEP Number	hc Number	Ground Elevation (m) AMSL	Completed Depth (m)	NPWL (m)	Bedrock Surface Elevation (m) AMSL	Total Thickness Sand / Gravel Below 15 (m)	Apparent Trans-missivity (m^2/day)	TDS (mg/L)
SW 30-059-04	382907	01970	658						
NW 30-059-04	382943	01969	661						
NW 30-059-04	382945	01968	661						
SW 34-059-04	357078	01987	665						
SW 36-059-04	357995	02003	669						
SE 01-059-05	357079	02009	657						
SE 07-059-05	382846	02024	676						
SE 14-059-05	383065	02047	653						
SW 15-059-05	361819	02049	659						
NE 19-059-05	361820	02106	666						
NE 19-059-05	357080	02104	666						
NE 22-059-05	383435	02151	656						
SW 23-059-05	381227	02164	655						
SW 23-059-05	364056	02157	655						
SW 23-059-05	383452	02158	655						
SW 24-059-05	383455	02180	657						
NW 24-059-05	383240	02177	657						
NW 24-059-05	383236	02175	657						
SH 26-059-05	383260	02190	659						
SW 26-059-05	383270	02198	658						
SW 26-059-05	383284	02191	658						
SE 29-059-05	383292	02215	671						
NE 01-059-06	383015	02247	668						
SE 26-059-06	383174	02267	666						
SW 30-059-06	383208	02288	698						
SE 34-059-06	383243	02302	670						
SE 02-060-02	372607	02319	631						
NW 08-060-02	372663	02367	673						
NE 16-060-02	357101	02398	658						
SW 32-060-02	365721	02462	671						
SW 01-060-03	372700	02478	656						
SE 02-060-03	372710	02484	665						
SE 05-060-03	372740	02511	662						
SE 05-060-03	372741	02510	662						
NE 06-060-03	357104	02517	670						
SW 11-060-03	372910	02570	662						
SE 14-060-03	372955	02582	668						
SE 14-060-03	372957	02581	668						
NW 19-060-03	373106	02624	684						
NW 21-060-03	373125	02638	694						
NW 21-060-03	373123	02639	694						
WH 25-060-03	373157	02668	685						
SW 36-060-03	373351	02756	689						
SE 04-060-04	372863	02790	671						832
SE 04-060-04	372863	02790	671						903

Water Wells From Groundwater Database

Completion Unknown

Legal Location W5M	AEP Number	hc Number	Ground Elevation (m) AMSL	Completed Depth (m)	NPWL (m)	Bedrock Surface Elevation (m) AMSL	Total Thickness Sand / Gravel Below 15 (m)	Apparent Trans-missivity (m^2/day)	TDS (mg/L)
SW 09-060-04	357107	02810	671						
NW 16-060-04	372921	02834	684						
NW 19-060-04	372927	02842	671						942
NW 19-060-04	372927	02842	671						944
NW 20-060-04	372944	02852	683						982
NW 20-060-04	372942	02854	683						2134
NE 20-060-04	372953	02851	689						
13 24-060-04	372991	02871	671						
NW 24-060-04	372990	02875	673						
00 30-060-04	367925	02916	671						
SW 30-060-04	373012	02919	676						
SW 03-060-05	383256	02948	661						
SW 13-060-05	383539	02982	669						
SW 17-060-05	383562	02994	674						
NE 22-060-05	383615	03011	695						
NE 23-060-05	357108	03016	684						
SE 25-060-05	383627	03032	676						
NW 05-060-06	383356	03088	686						
SW 10-060-06	383368	03106	671						
NE 11-060-06	381233	03107	670						
NE 12-060-06	383375	03111	671						
SW 14-060-06	383385	03131	673						
NE 17-060-06	383389	03132	700						
NE 21-060-06	383394	03142	707						
NE 21-060-06	383396	03141	707						
SW 22-060-06	383398	03144	697						
SW 23-060-06	383400	03147	692						
SW 26-060-06	383425	03161	701						
00 36-060-06	357110	03181	701						
.. 36-060-06	383448	03180	701						
SE 02-060-07	383533	03199	736						
SE 10-060-07	357111	03203	752						
SE 10-060-07	383553	03204	752						
SE 12-060-07	361845	03211	706						
SE 12-060-07	383563	03212	706						
NW 36-060-07	383595	03240	697						
16 31-061-02	373256	03265	639						1148
SE 01-061-03	357117	03272	689						
NW 10-061-03	373330	03296	655						740
NW 15-061-03	373343	03315	646						952
NE 19-061-03	373362	03326	668						1305
NW 27-061-03	373445	03391	643						
SE 28-061-03	373448	03399	642						
SW 33-061-03	373469	03424	649						950
NW 34-061-03	373533	03450	648						

Water Wells From Groundwater Database

Completion Unknown

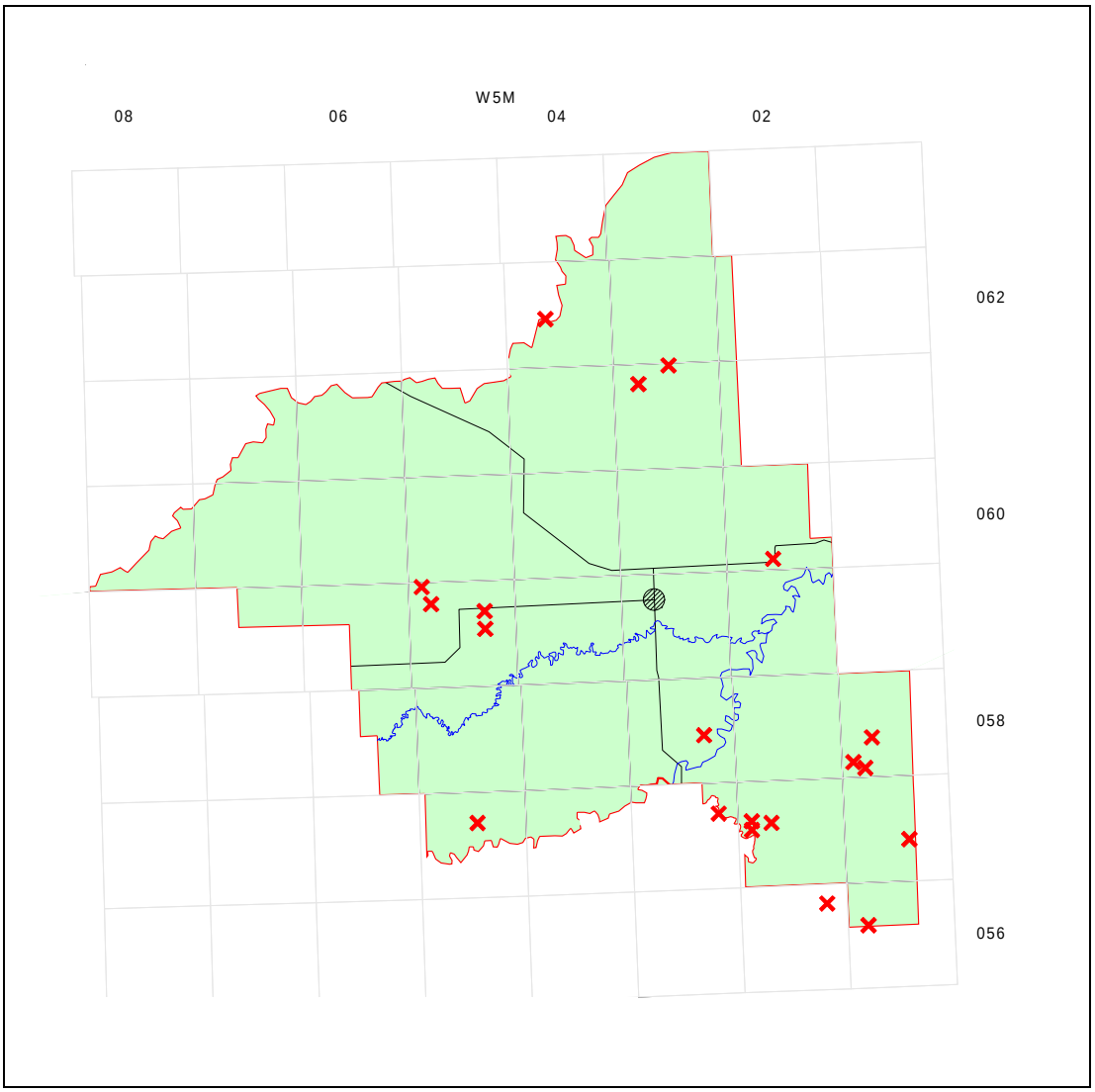
Legal Location W5M	AEP Number	hc Number	Ground Elevation (m) AMSL	Completed Depth (m)	NPWL (m)	Bedrock Surface Elevation (m) AMSL	Total Thickness Sand / Gravel Below 15 (m)	Apparent Trans-missivity (m^2/day)	TDS (mg/L)
NW 04-061-04	373387	03494	673						
SW 06-061-04	373402	03520	690						
NW 06-061-04	373404	03516	685						
NE 06-061-04	373409	03512	685						
SW 06-061-04	361849	03521	690						
SE 29-061-04	373590	03613	677						
NW 07-061-05	350002	03627	678						
NW 14-061-05	383487	03654	703						
NW 15-061-05	383493	03669	687						
NE 25-061-05	383647	03696	683						
SW 31-061-05	383651	03704	611						
SE 04-062-03	373658	03739	654						1182
NE 11-062-03	373737	03765	665						
13 15-062-03	373755	03776	671						1444
SW 25-062-03	373792	03811	663						1472
SE 30-062-03	373842	03841	678						1166
NW 31-062-03	373845	03846	655						1180
NW 03-062-04	357121	03870	669						
NE 14-062-04	373749	03895	680						
NW 15-062-04	364257	03900	669						
NE 16-062-04	373791	03903	604						
NE 36-062-04	373876	03939	641						
SE 02-063-03	373988	03943	669						
SW 08-063-03	374021	03967	671						
NE 01-063-04	374042	03981	618						
NW 01-063-04	374035	03988	576						

APPENDIX B

AQUIFER TEST PLOTS

Aquifer Test Sites 2
Aquifer Test Summary 3
12-20-056-01 W5M AT I 4
NE 26-056-02 W5M AT I 5
07-15-057-01 W5M AT I 6
07-15-057-01 W5M AT II 7
SE 19-057-02 W5M AT I 8
NE 19-057-02 W5M AT I 9
NE 19-057-02 W5M AT II 10
NE 20-057-02 W5M AT I 11
08-26-057-03 W5M AT I 12
SW 27-057-05 W5M AT I 13
WH 05-058-01W5M AT I 14
WH 05-058-01W5M AT II 15
NE 06-058-01 W5M AT I 16
SE 17-058-01 W5M AT I 17
NW 14-058-03 W5M AT I 18
SW 23-059-05 W5M AT I 19
SW 26-059-05 W5M AT I 20
NW 29-059-05 W5M AT I 21
NE 31-059-05 W5M AT I 22
10-04-060-02 W5M AT I 23
14-29-061-03 W5M AT I 24
13-34-061-03 W5M AT I 25
NW 16-062-04 W5M AT I 26
NW 16-062-04 W5M Obs WW No. 1 27
NW 16-062-04 W5M Obs WW No. 2 28

Aquifer Test Sites



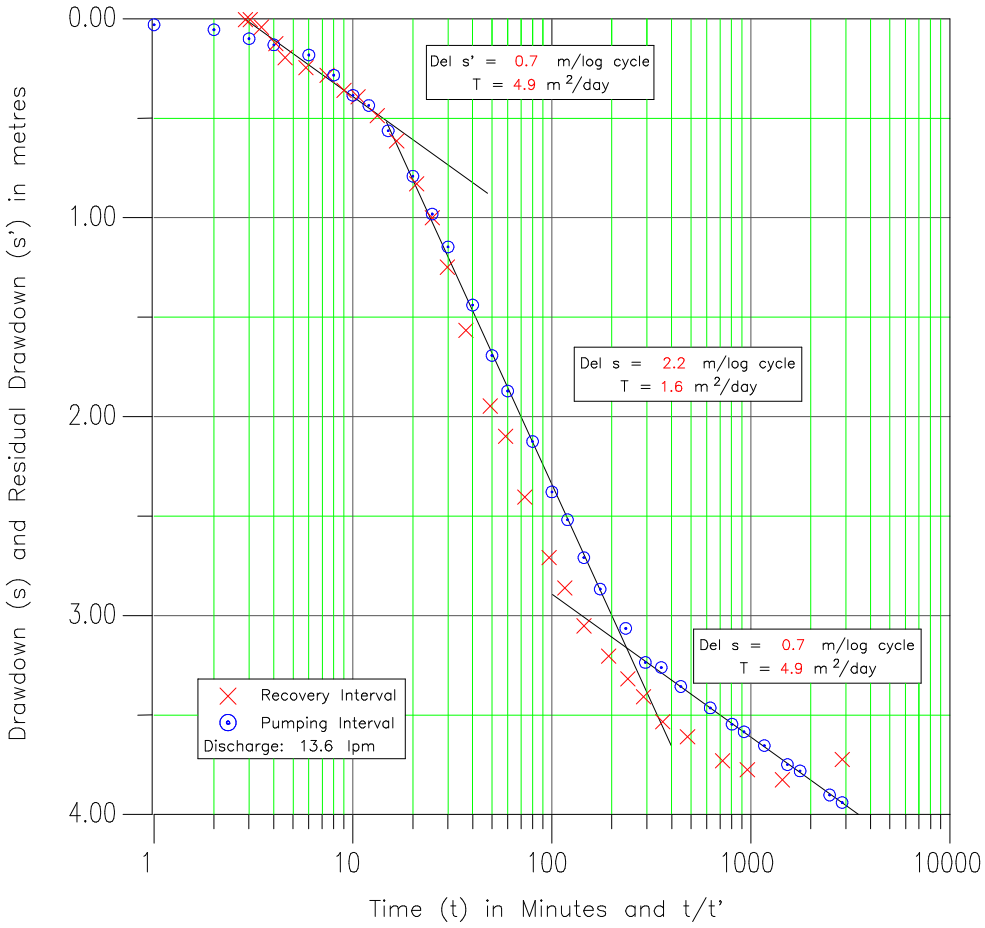
Aquifer Test Summary

Location W5M	AEP Wellid	Database Ref No.	Aquifer Test	NPWL (m)	Discharge (lpm)	Test interval (min) pump	recovery	Drawdown max(m)	Transmissivity (m^2/d) early	late	Safe Yield (m^3/day)	Aquifer
12-020-056-01	-	toka11	AT1	4.20	13.6	2880	1530	3.94	1.6	4.9	22	Bedrock
NE 26-056-02	-	suvan2	AT1	11.42	15.1	600	60	9.39	1.2	2.0	29	Bedrock
07-15-057-01	385773	00110	AT1	35.34	27.3	600	600	31.05	0.4	3.2	22	Bedrock
07-15-057-01	385773	00110	AT2	36.18	18.9	300	300	13.41	1.0	2.0	29	Bedrock
SE 19-057-02	385952	00312	AT1	4.47	36.5	300	600	7.1	6.4	11.0	39	Bedrock
NE 19-057-02	386096	00282	AT1	15.88	18.2	300	300	14.8	0.5	2.2	19	Bedrock
NE 19-057-02	386096	00282	AT2	16.09	18.2	300	300	13.62	0.6	2.2	17	Bedrock
NE 20-057-02	386188	00318	AT1	11.37	20.5	300	300	8.58	1.7	4.7	49	Bedrock
08-26-057-03	-	arc826	AT1	6.44	41.4	360	#N/A	0.52	-	189	463	Bedrock
SW 27-057-05	351506	00485	AT1	8.72	82.1	120	120	7.76	36.0	25.0	106	Surficial
W 05-058-01	-	hall29	AT1	11.93	18.9	300	#N/A	3.84	-	2.0	15	Bedrock
W 05-058-01	-	hall29	AT1	2.75	11.4	420	#N/A	8.07	-	1.7	33	Surficial
NE 06-058-01	380085	00498	AT1	11.47	18.9	300	300	4.18	-	1.2	10	Bedrock
SE 17-058-01	374069	00529	AT1	9.50	13.7	120	75	21.43	0.2	1.3	10	Bedrock
NW 14-058-03	380817	00814	AT1	27.74	50.2	720	720	1.9	-	86.0	454	Bedrock
SW 23-059-05	383441	02160	AT1	7.92	22.8	720	720	3.25	-	70.0	47	Bedrock
SW 26-059-05	383286	02203	AT1	21.33	31.9	120	120	38.1	-	0.7	7	Bedrock
NW 29-059-05	-	quat75	AT1	35.66	15.1	1440	40	4.57	9.4	7.5	63	Bedrock
NE 31-059-05	383300	02225	AT1	6.60	18.2	420	#N/A	30.58	0.5	1.8	15	Bedrock
10-04-060-02	372639	02339	AT2	2.04	50.2	120	120	1.33	41.0	22.0	98	Bedrock
14-29-061-03	373451	03400	AT1	59.13	34.2	120	120	4.79	-	12.0	121	Bedrock
13-34-061-03	373510	03435	AT1	45.01	13.7	120	#N/A	8.02	-	0.9	7	Bedrock
NW 16-062-04	357399	03910	AT1	4.79	613.7	1440	320	2.74	653.0	250	448	Surficial
NW 16-062-04	373785	03904	Obs AT1++	4.94	#N/A	1440	320	1.93	590*	180*	#N/A	Surficial
NW 16-062-04	373788	03905	Obs AT1+	4.85		1440	320	0.83	810*	330*	#N/A	Surficial

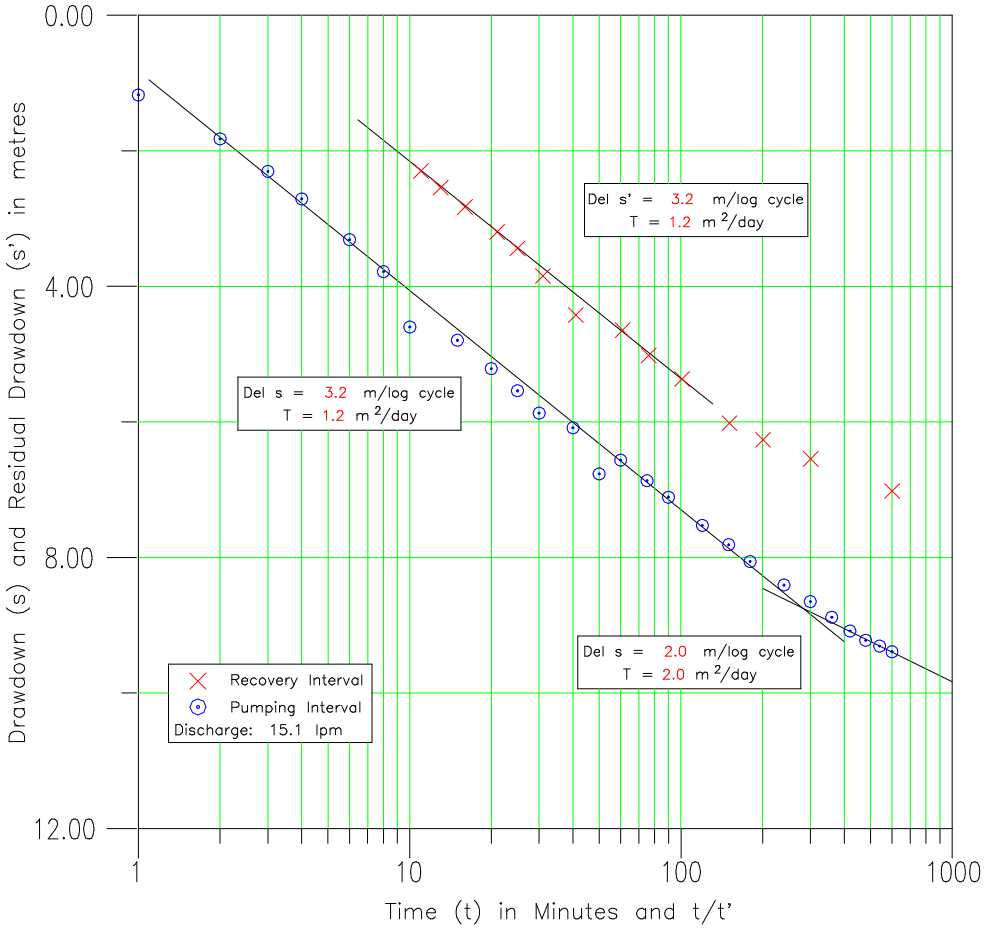
* Theis Method

\+ r=16.8m

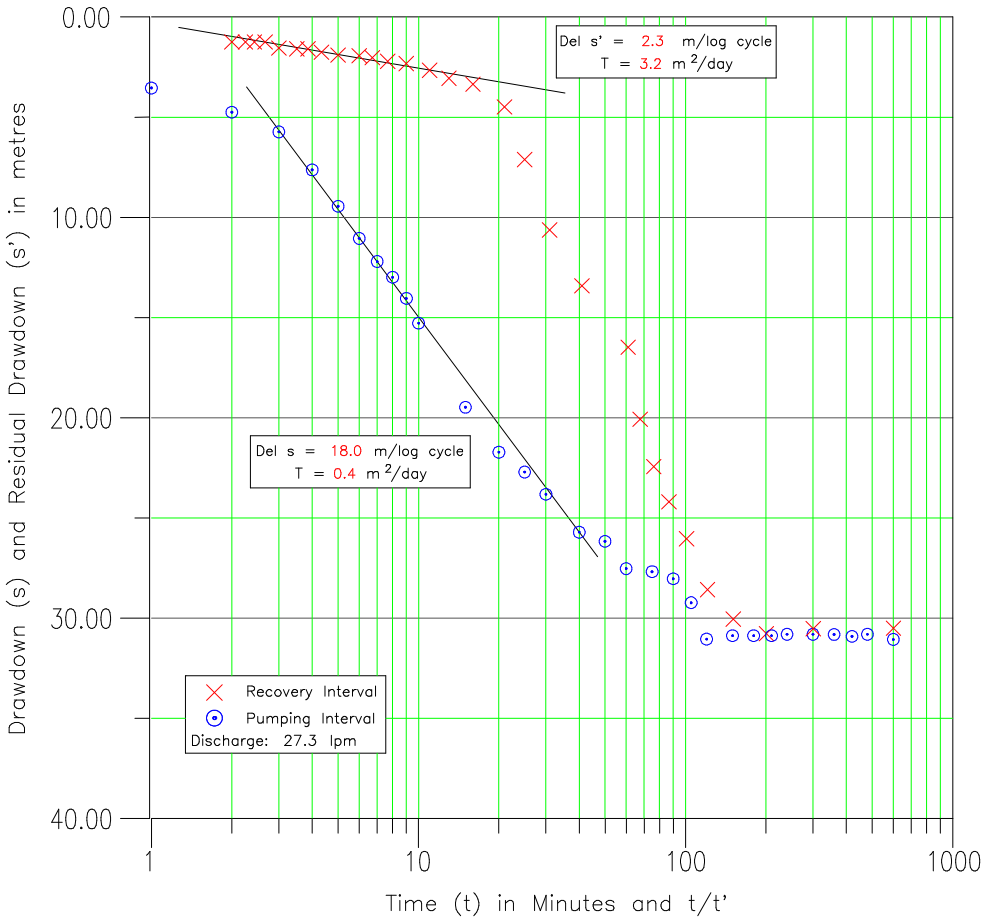
++ r=34.7m



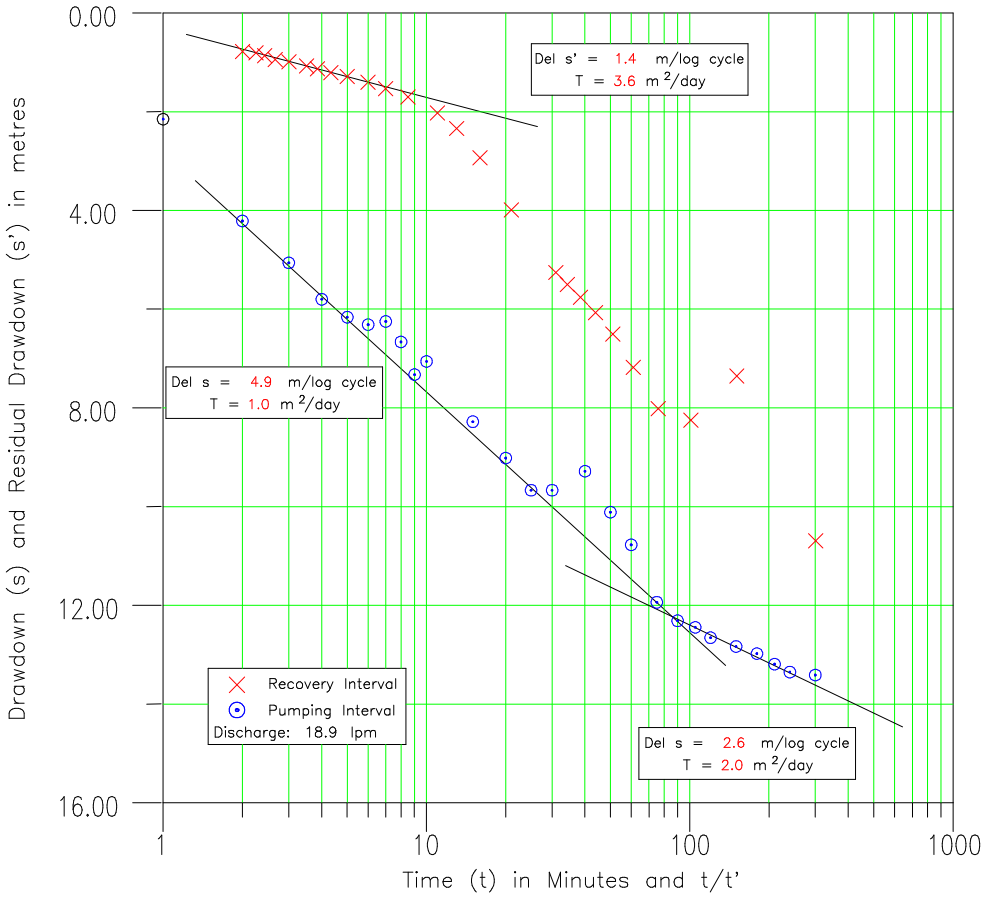
AEP No. Not Available
12-20-056-01 W5M — Aquifer Test I



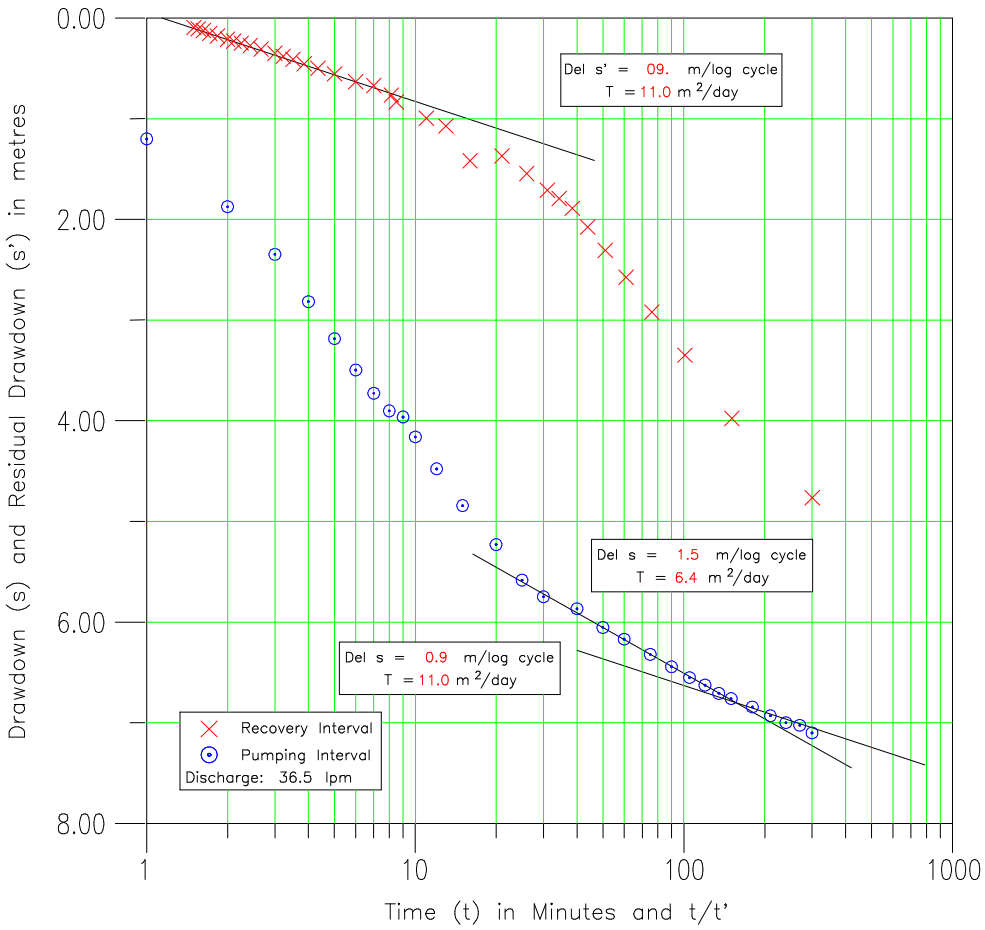
AEP No. Not Available
NE 26-056-02 W5M — Aquifer Test I



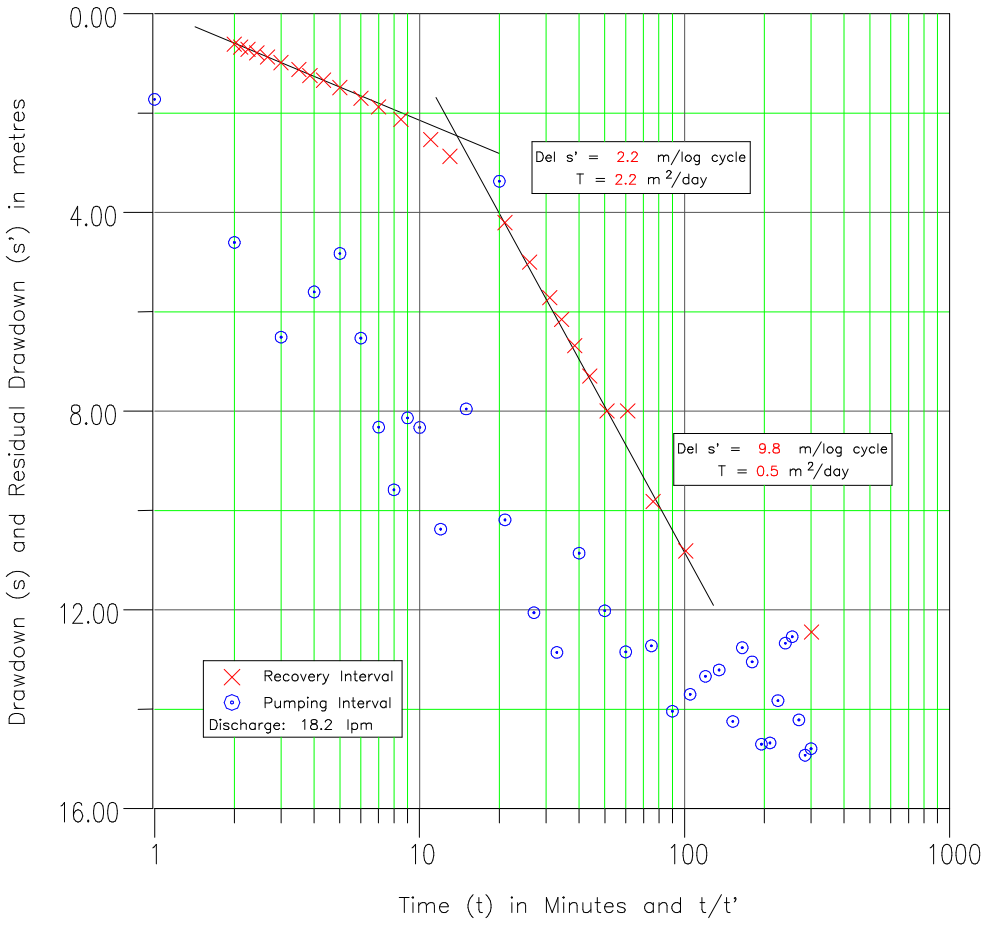
AEP No. 385773
07-15-057-01 W5M — Aquifer Test I



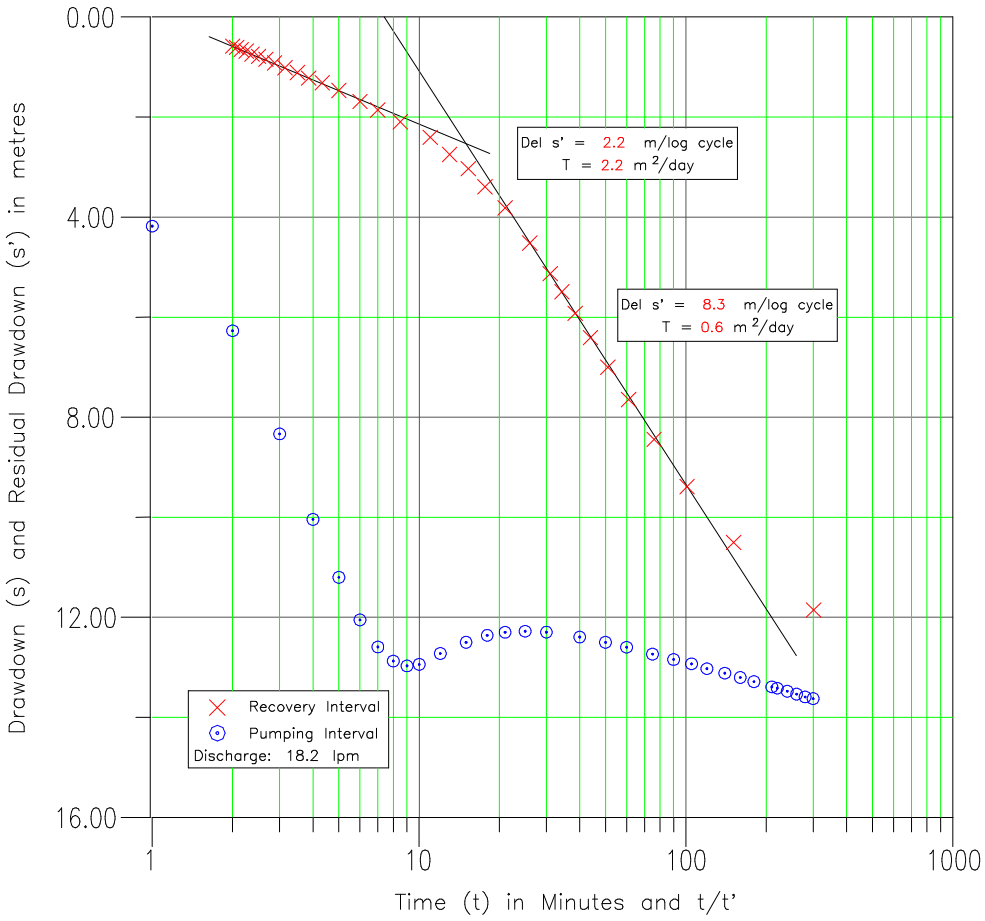
AEP No. 385773
07-15-057-01 W5M — Aquifer Test II



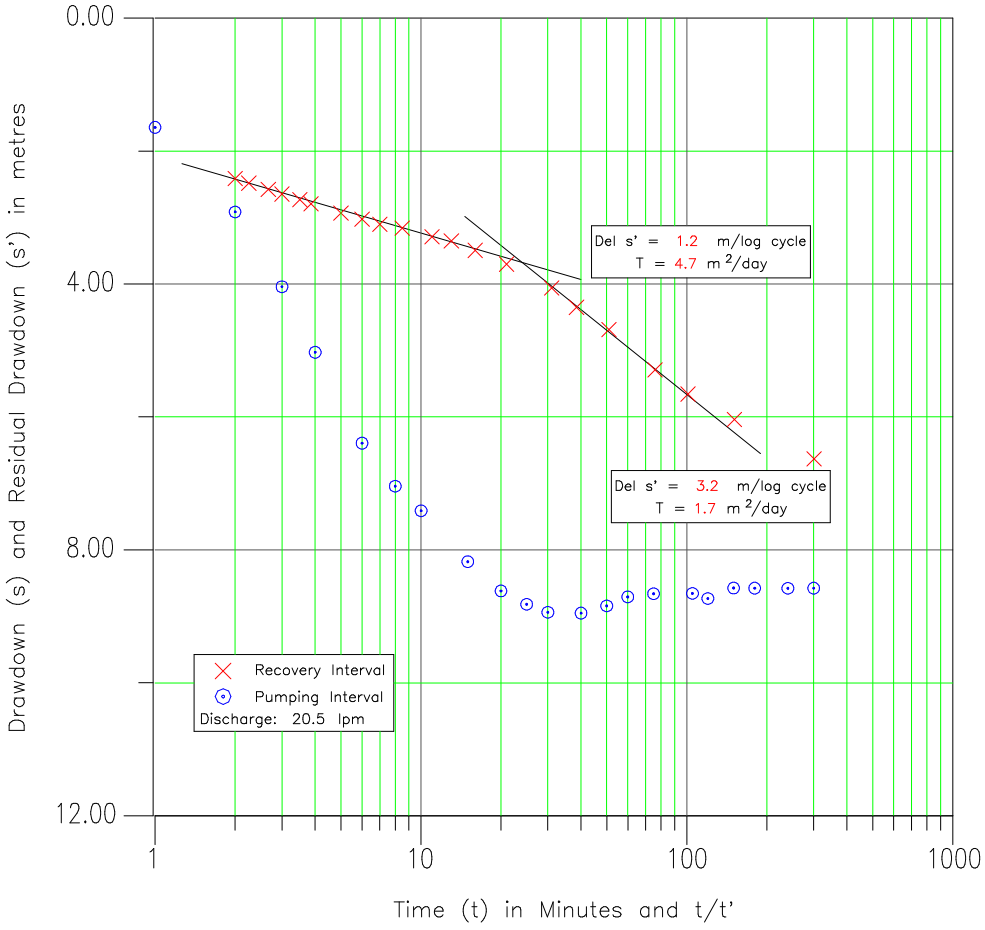
AEP No. 385952
SE 19-057-02 W5M — Aquifer Test I



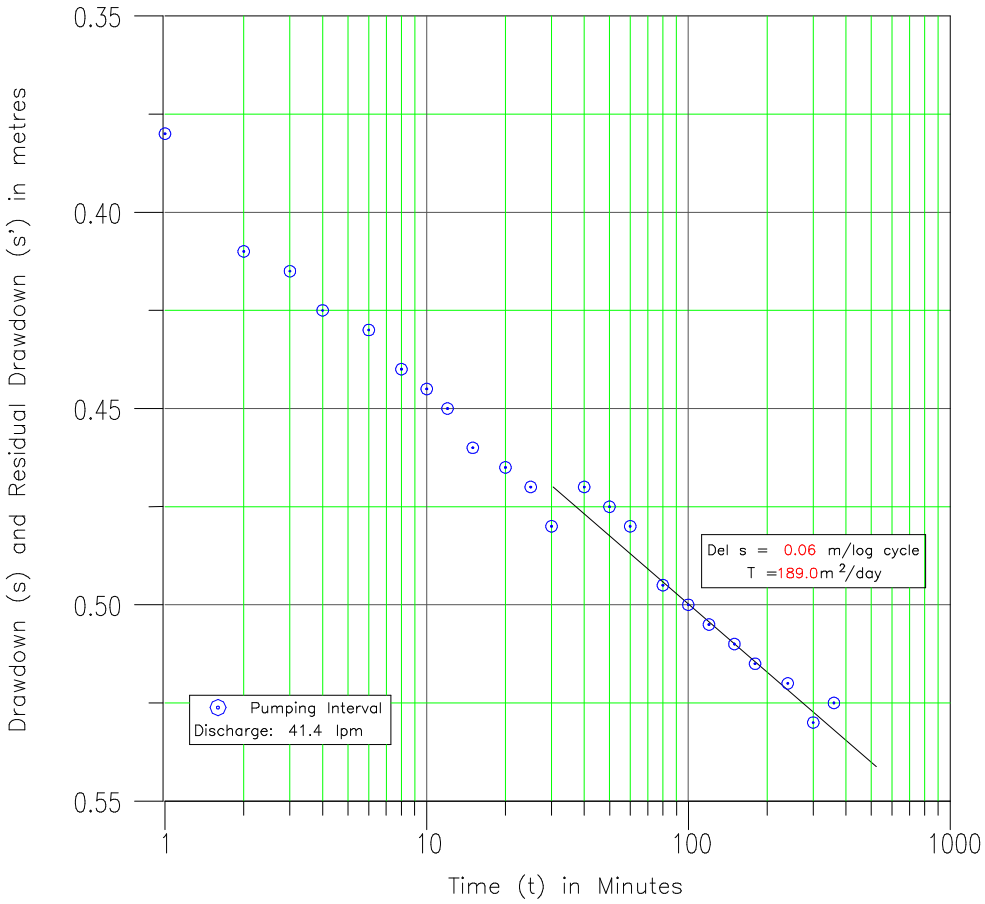
AEP No. 386096
NE 19-057-02 W5M — Aquifer Test I



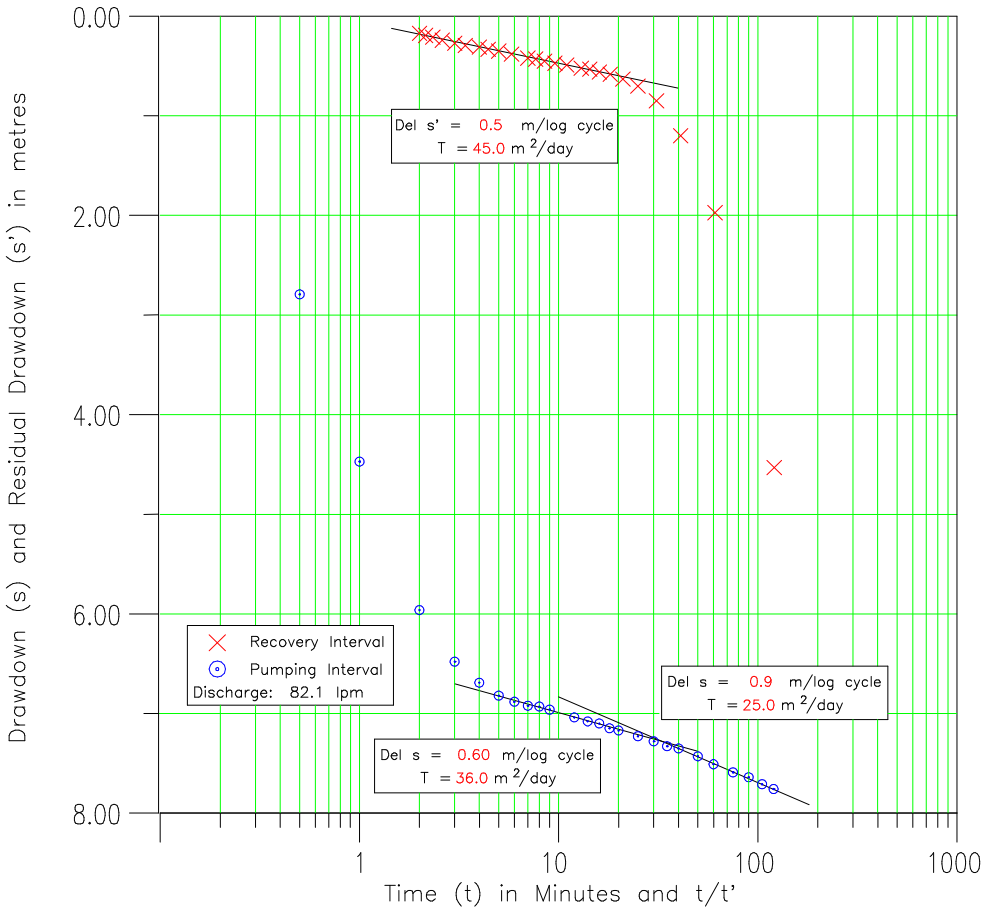
AEP No. 386096
NE 19-057-02 W5M — Aquifer Test II



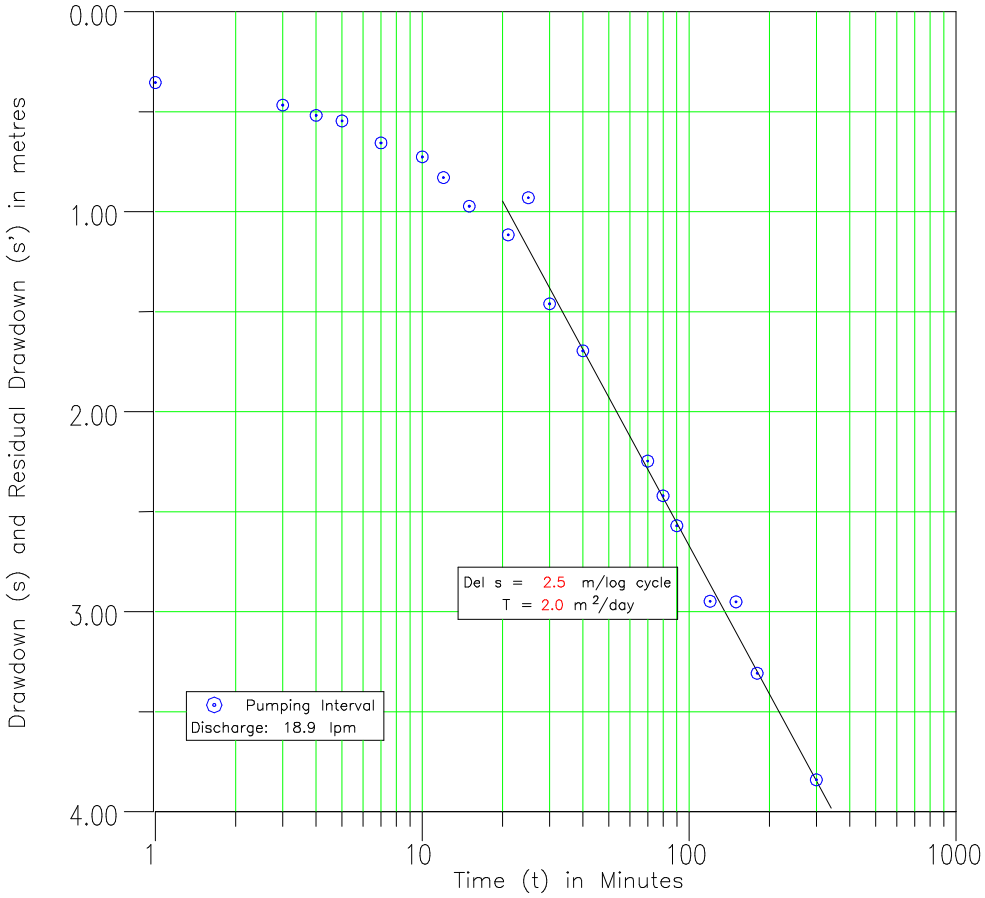
AEP No. 386188
NE 20-057-02 W5M — Aquifer Test I



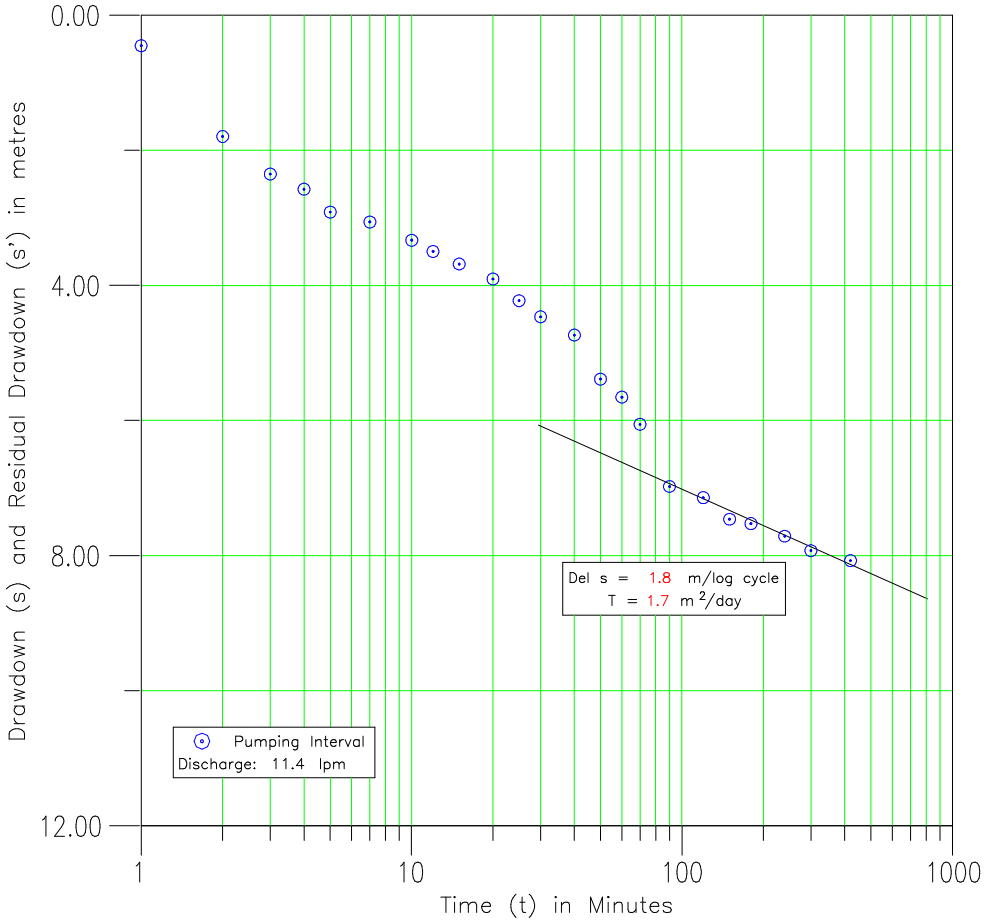
AEP No. Not Available
08-26-057-03 W5M — Aquifer Test I



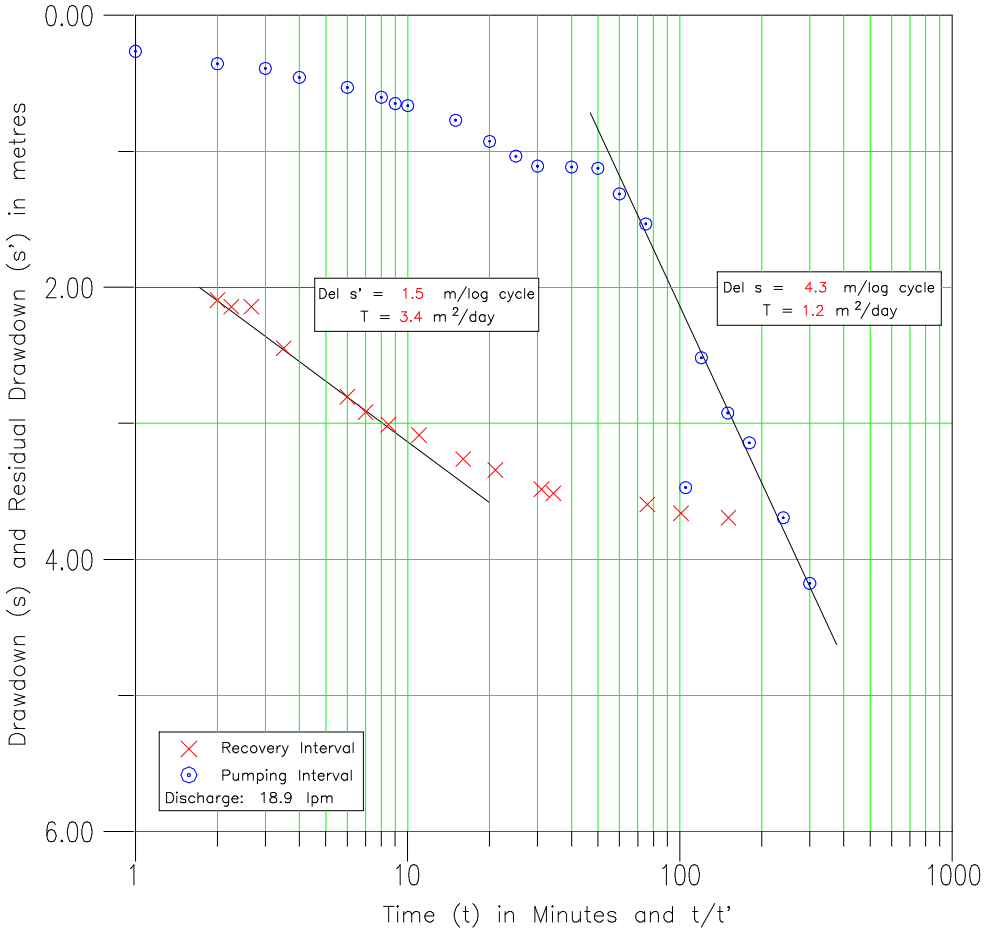
AEP No. 351506
SW 27-057-05 W5M — Aquifer Test I



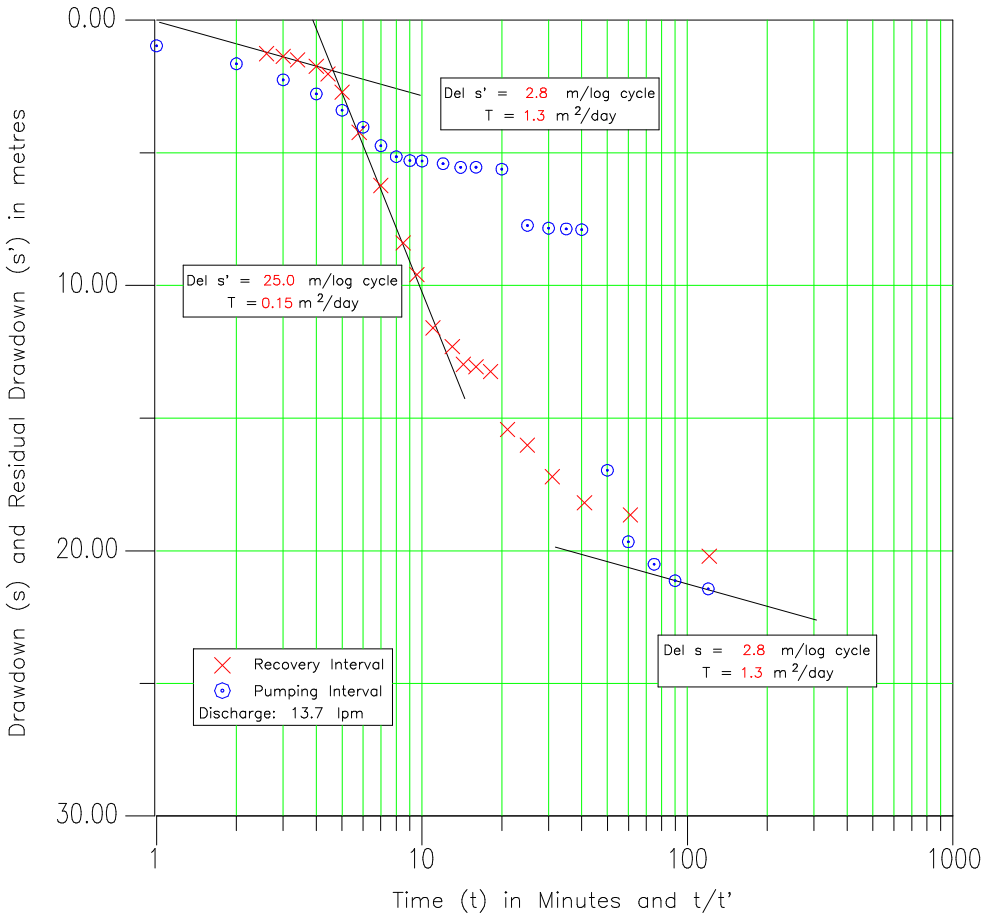
AEP No. Not Available
WH 05-058-01W5M — Aquifer Test I



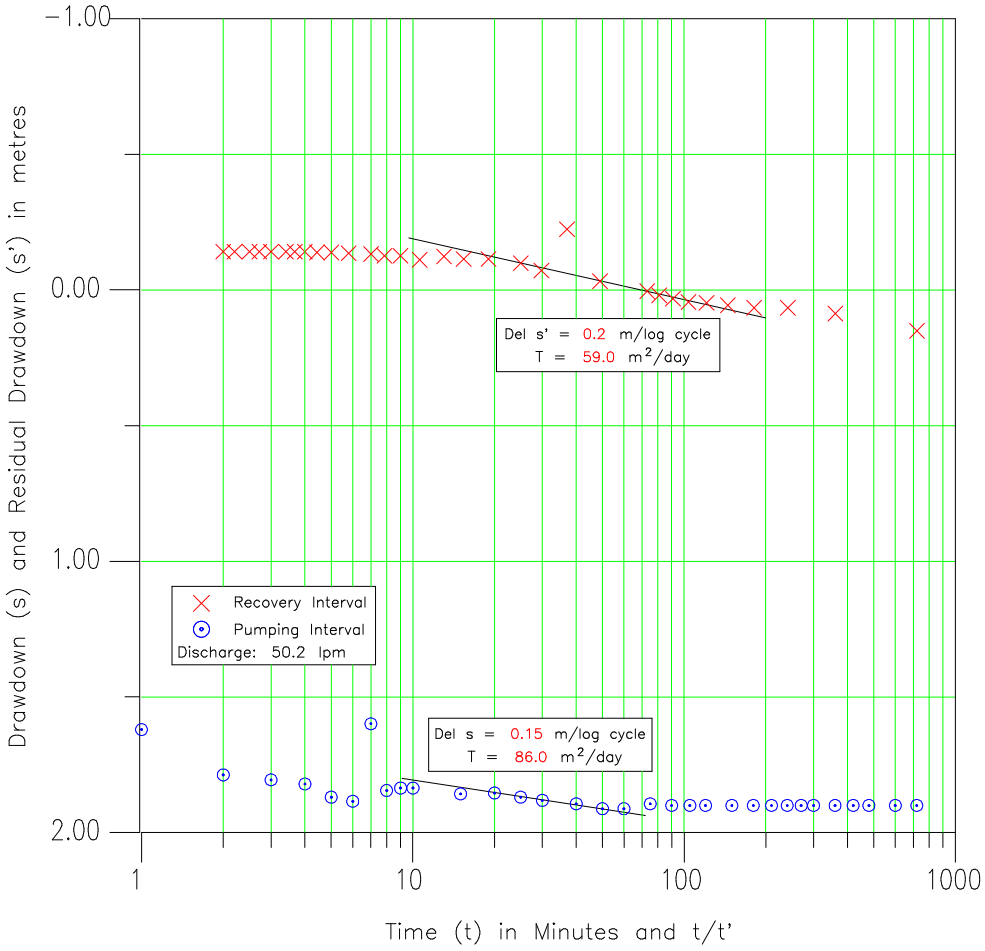
AEP No. Not Available
WH 05-058-01W5M — Aquifer Test II



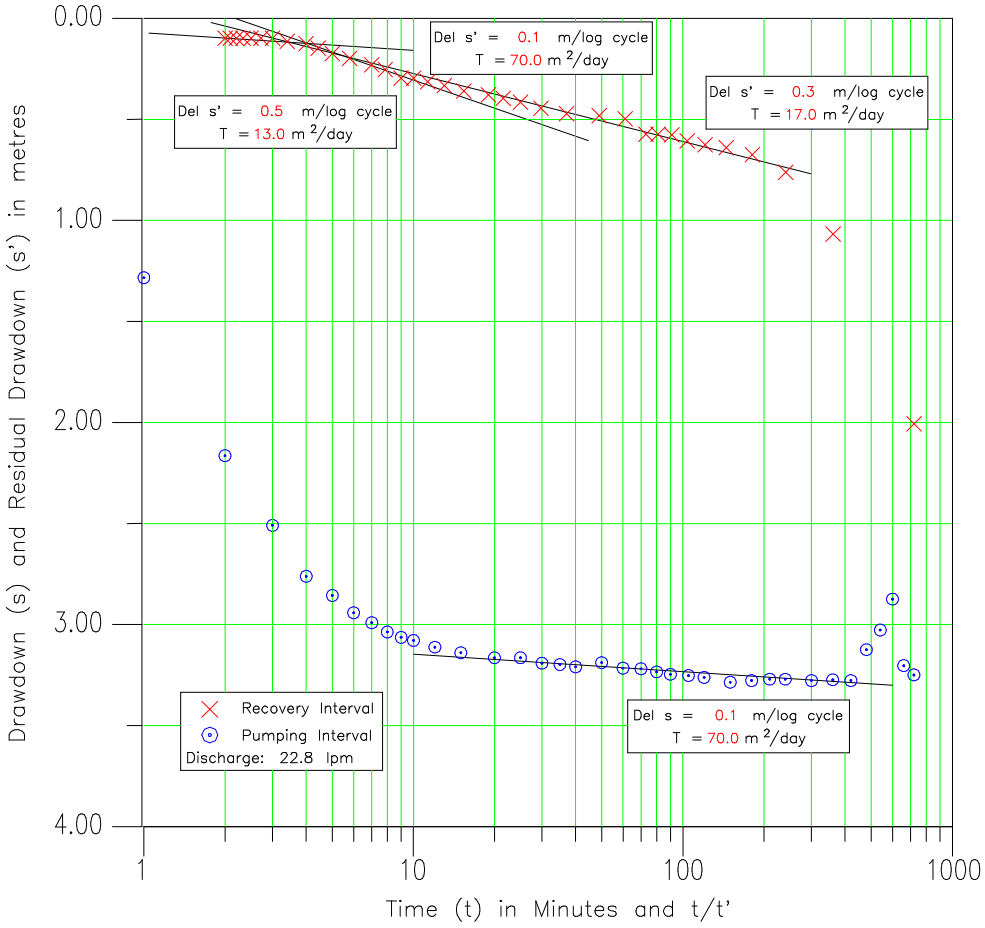
AEP No. 380085
NE 06-058-01 W5M — Aquifer Test I



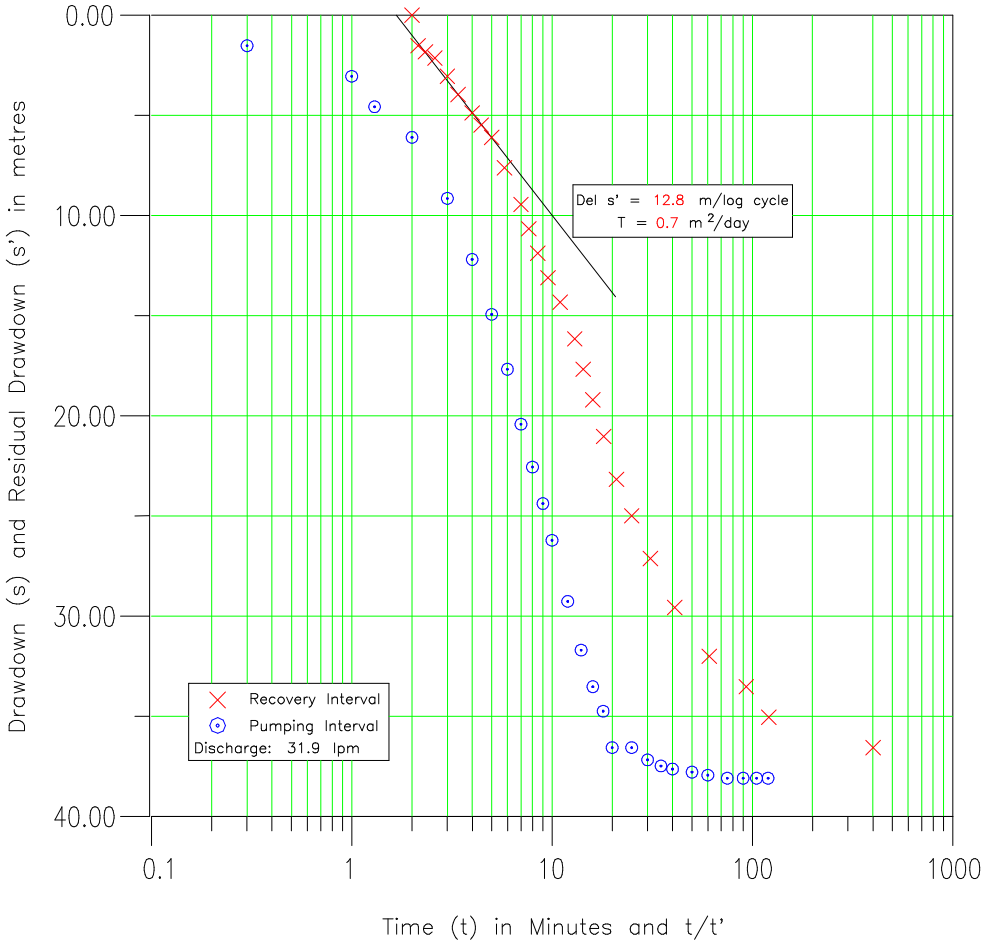
AEP No. 374069
SE 17-058-01 W5M — Aquifer Test I



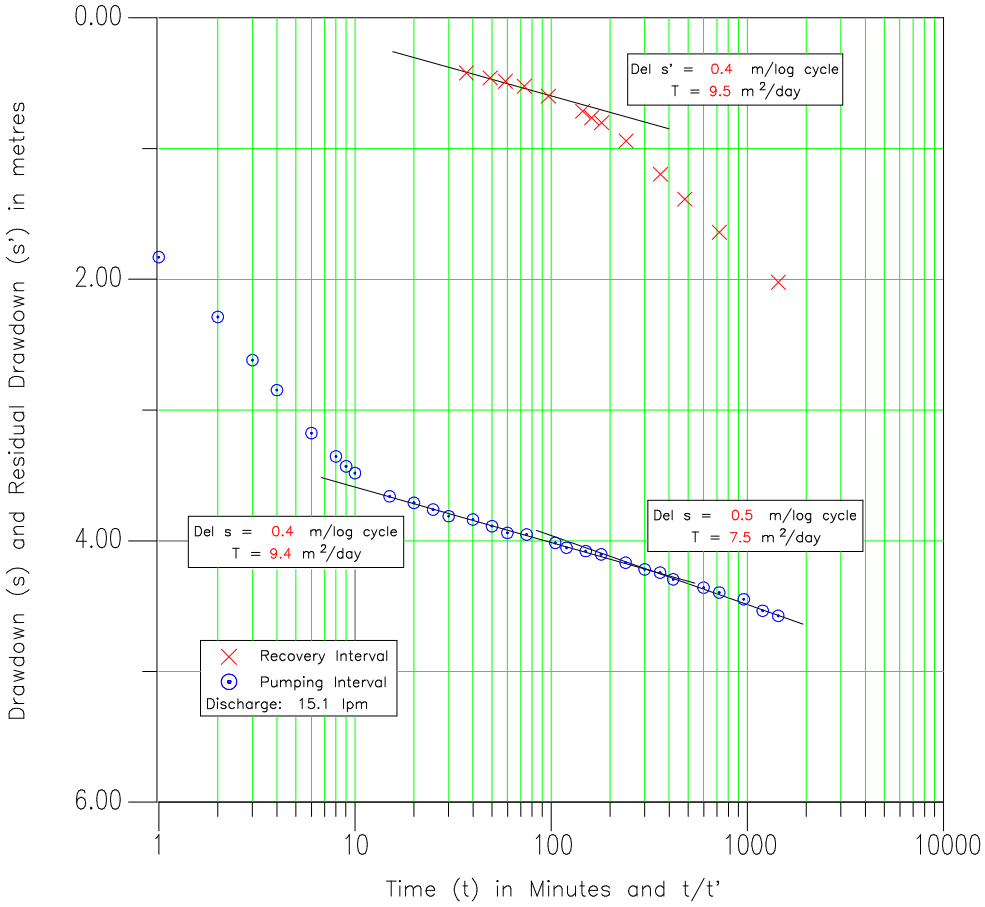
AEP No. 380817
NW 14-058-03 W5M — Aquifer Test I



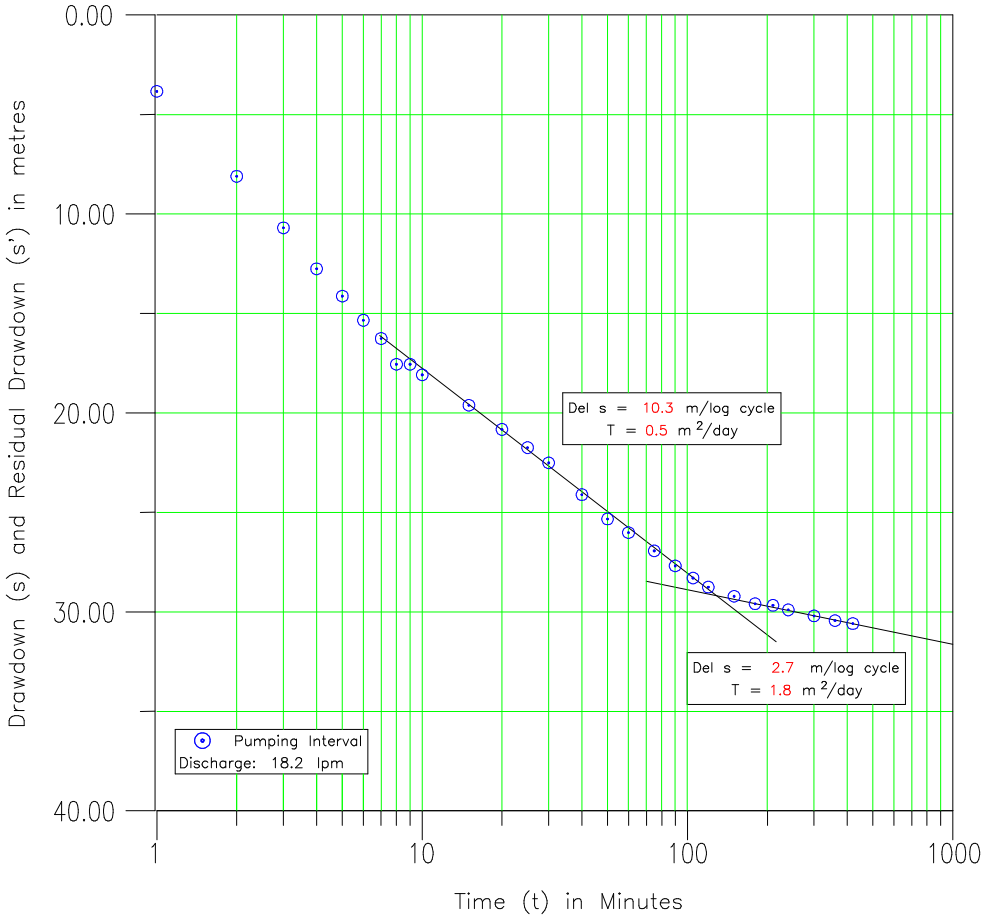
AEP No. 383441
SW 23-059-05 W5M — Aquifer Test I



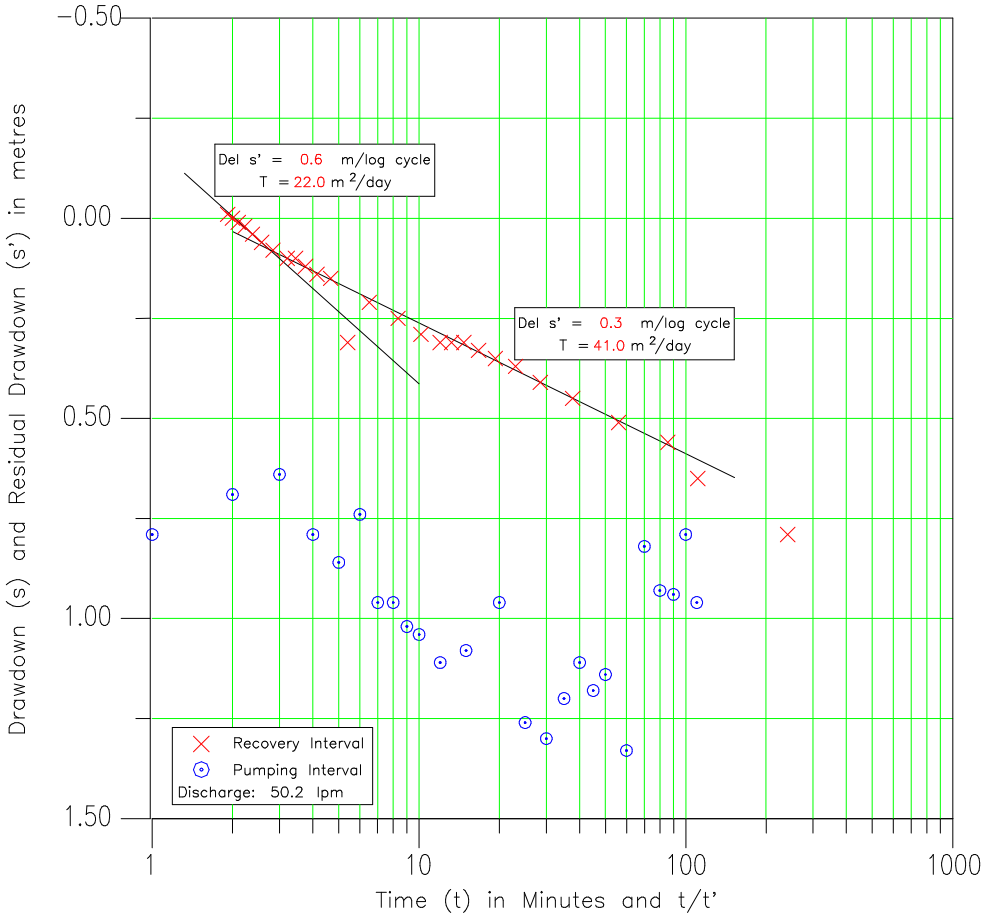
AEP No. 383286
SW 26-059-05 W5M — Aquifer Test I



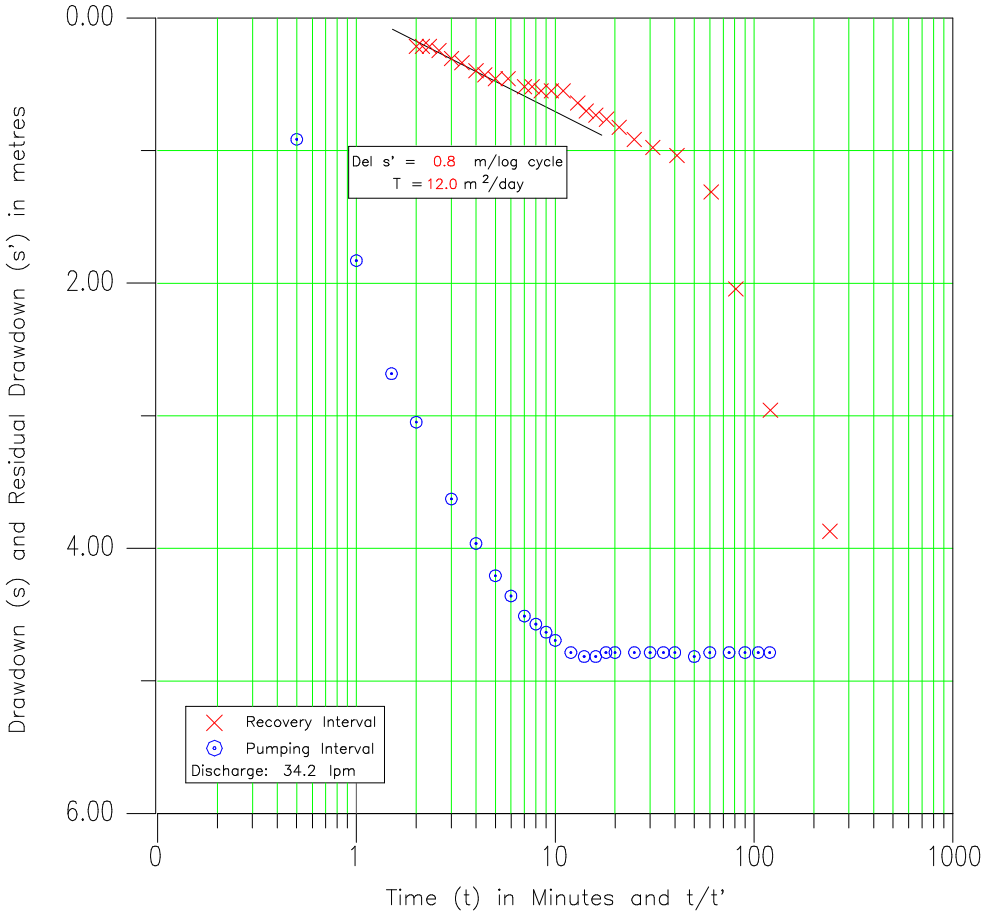
AEP No. Not Available
NW 29-059-05 W5M — Aquifer Test I



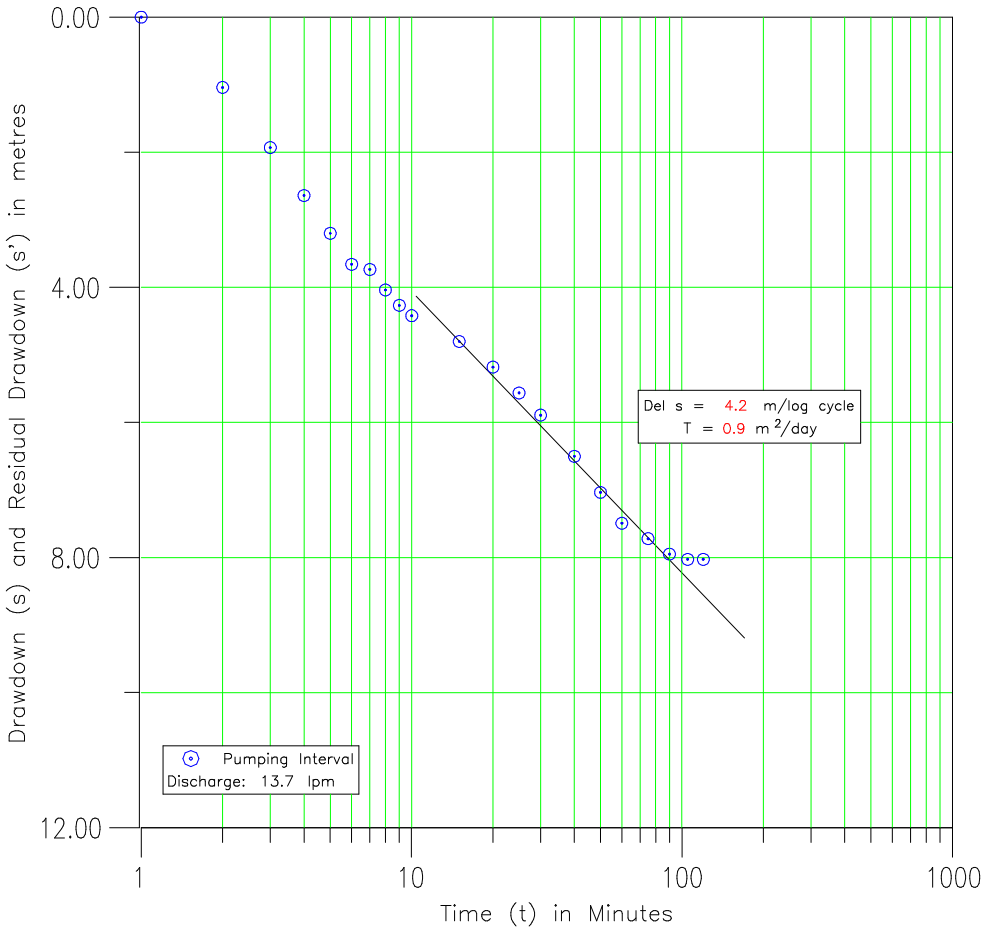
AEP No. 383300
NE 31-059-05 W5M — Aquifer Test I



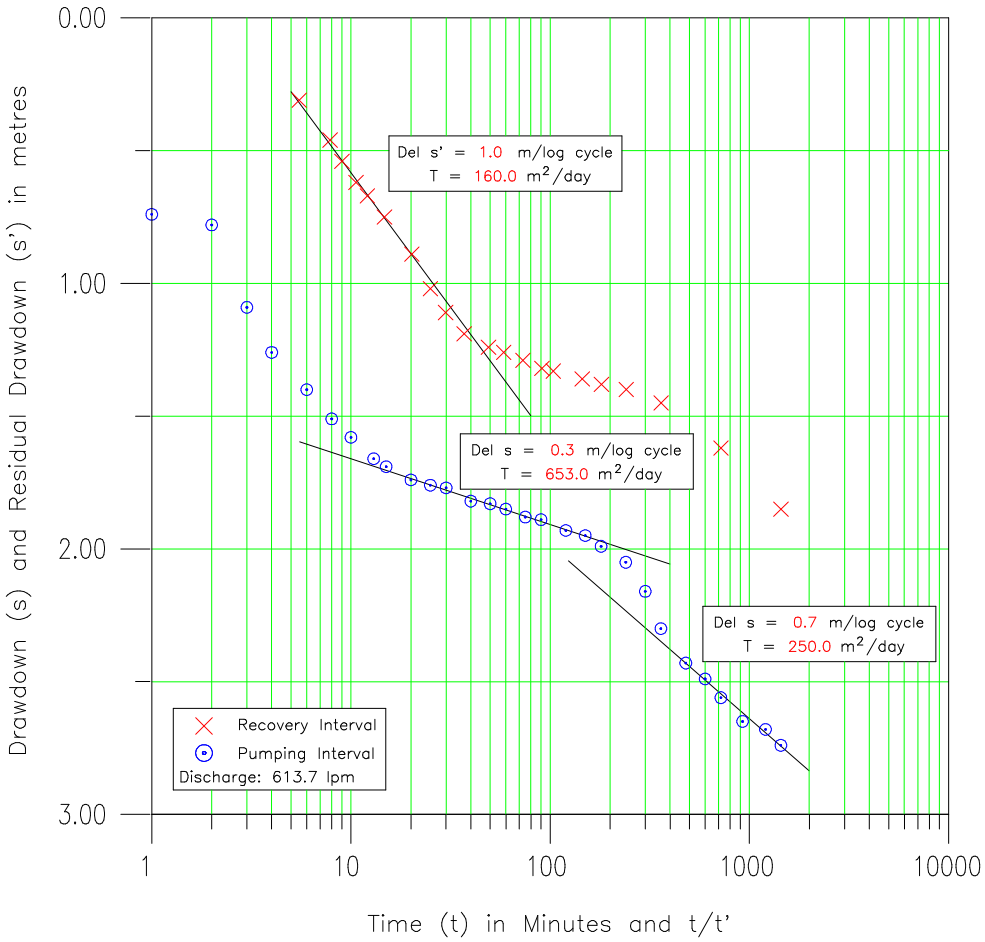
AEP No. 372639
10-04-060-02 W5M — Aquifer Test I



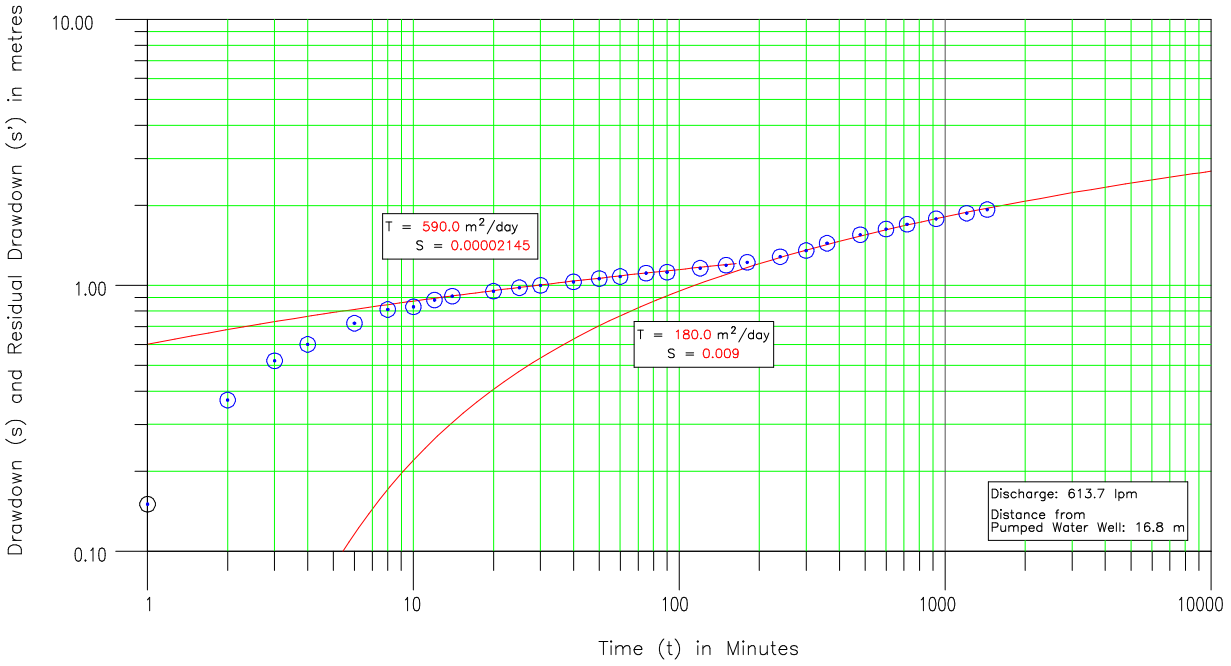
AEP No. 373451
14-29-061-03 W5M — Aquifer Test I



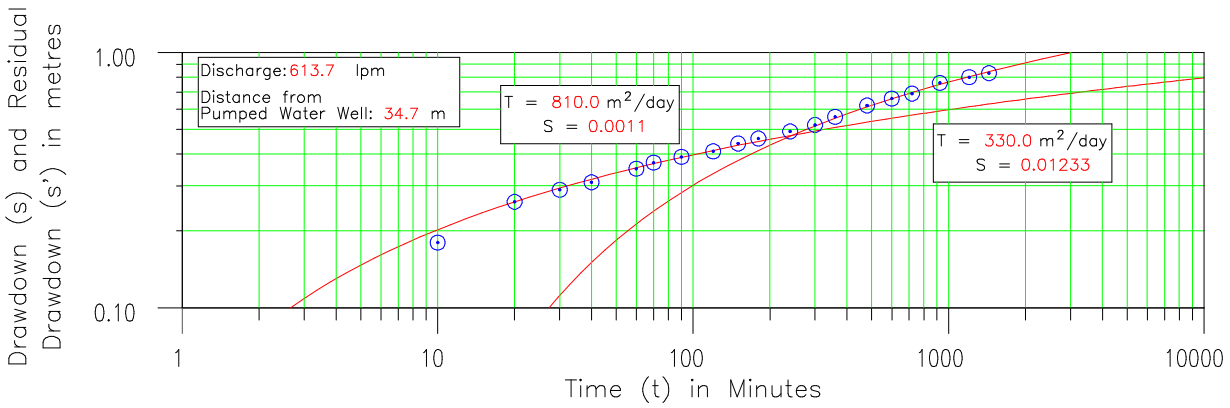
AEP No. 373510
13-34-061-03 W5M — Aquifer Test I



AEP No. 357399
NW 16-062-04 W5M — Aquifer Test I



AEP No. 373785
NW 16-062-04 W5M — Obs WW No. 1

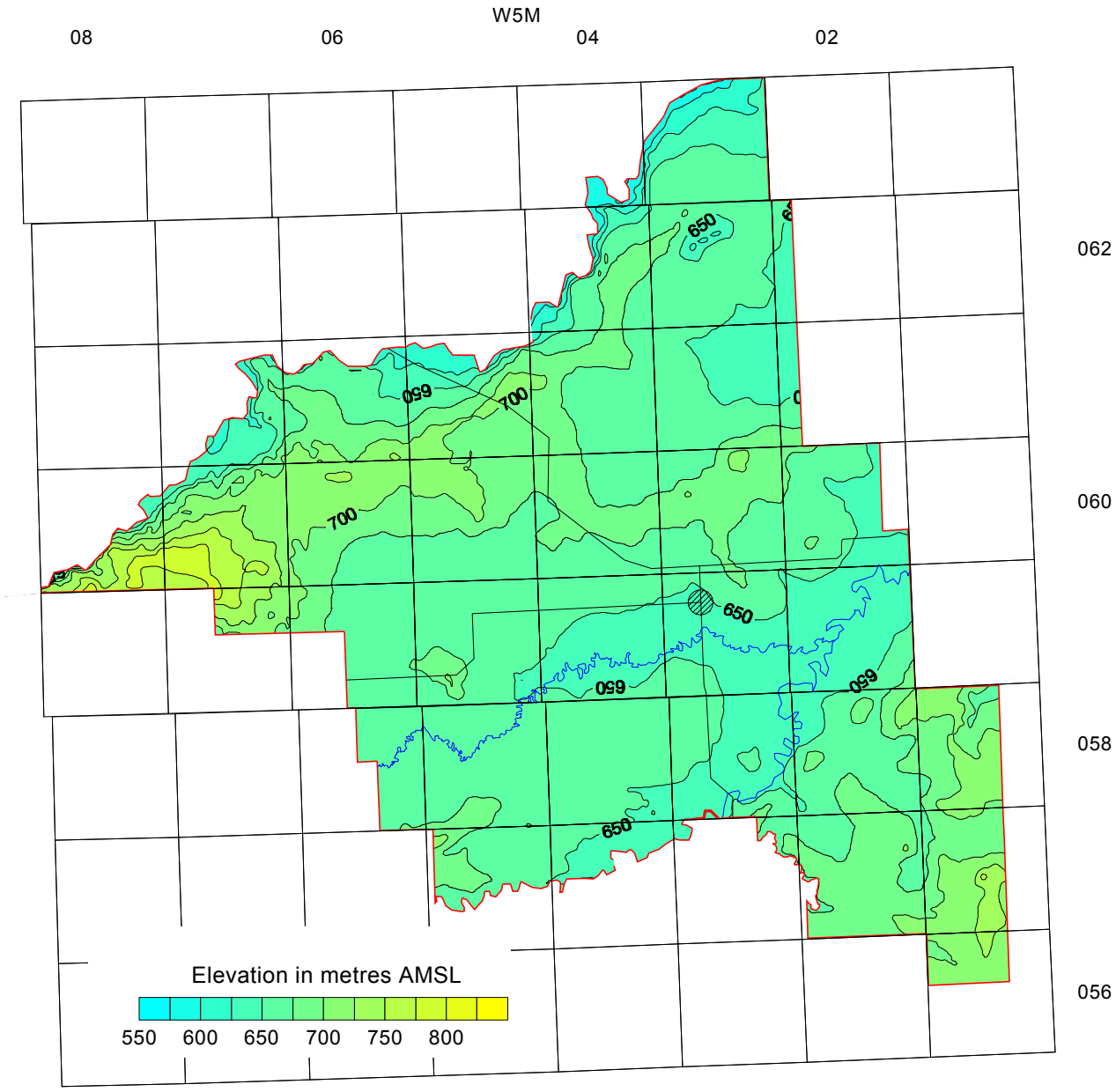


AEP No. 373788
NW 16-062-04 W5M — Obs WW No. 2

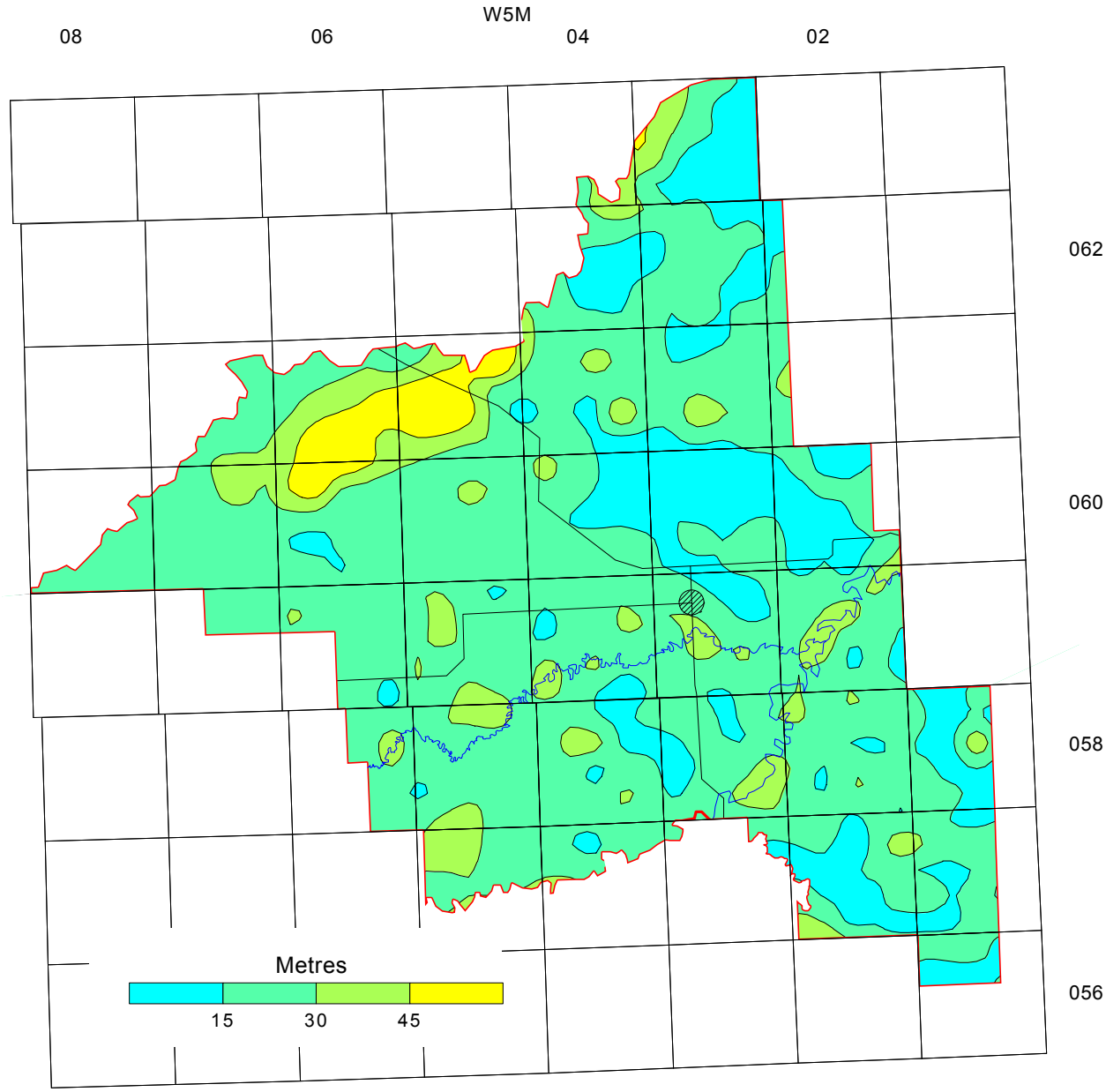
APPENDIX C

DETAILED MAPS

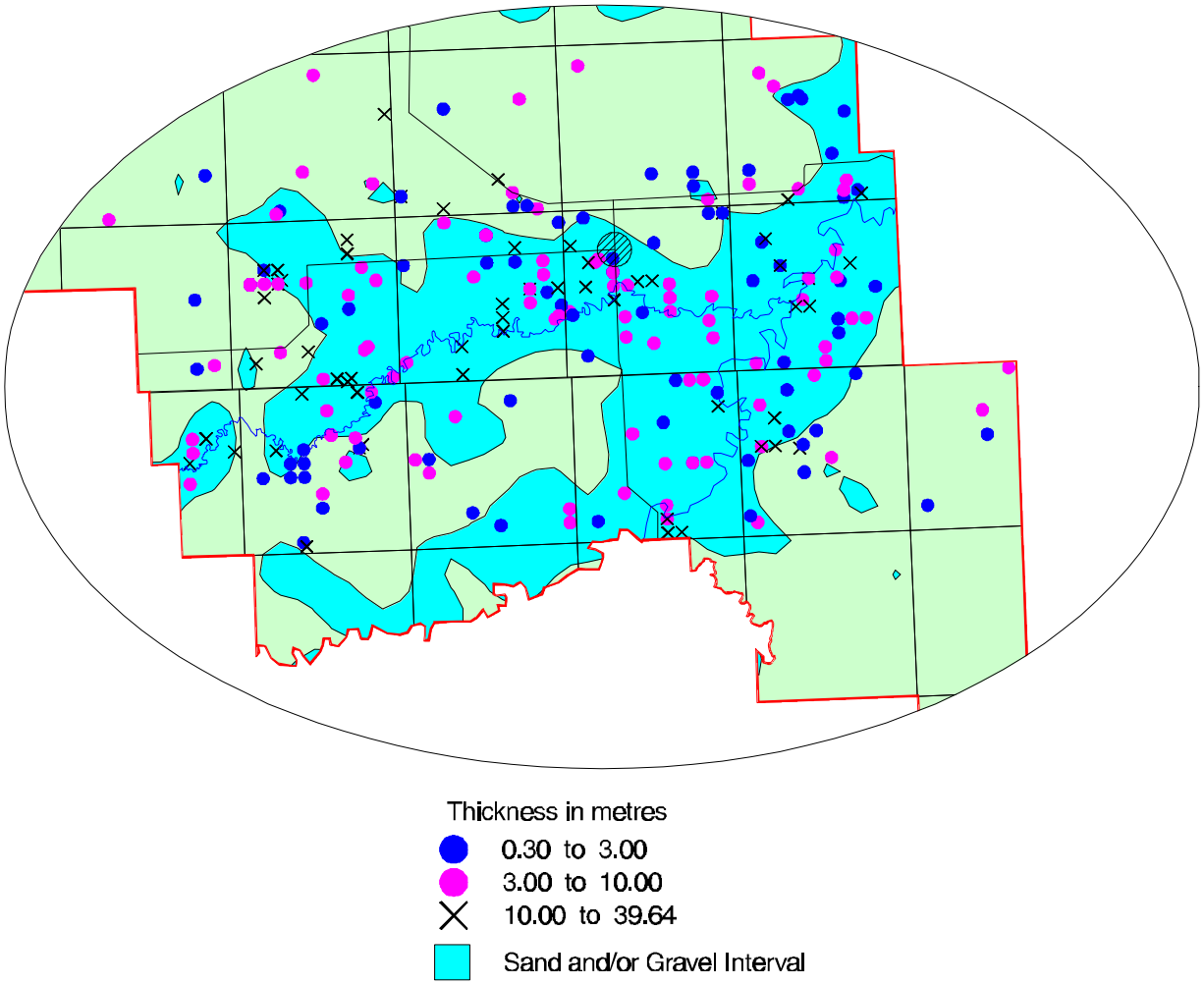
Surface Topography 2
Overburden Thickness 3
Sand and/or Gravel Associated with the Barrhead and Dapp Valleys 4
Bedrock Topography and Thalwegs 5
Non-Pumping Water Level in Bedrock Aquifers 6
Recharge - Discharge Areas 7
Apparent Transmissivity for Bedrock Aquifers 8
Apparent Safe Yield in Bedrock Aquifers 9
Apparent Safe Yield in the Barrhead and Dapp Valleys 10
Total Dissolved Solids - Bedrock 11
Iron Concentration - Bedrock Groundwater 12
Chloride Concentration 13
Sulfate and Bicarbonate Concentration 14
Fluoride Concentration 15
Cross-Section C-C' 16
Cross-Section B-B' 17
Cross-Section A-A' 18
Cross-Section D-D' 19
Permeability of Near-Surface Surficial Deposits 20
Aquifer Test Results with Projected Apparent Safe Yields 21
Bedrock Water Well Depths 22
Coal Interval 23
Coal Interval Subcrop with Water Well Yields 24
Bedrock Water Well Yields 25



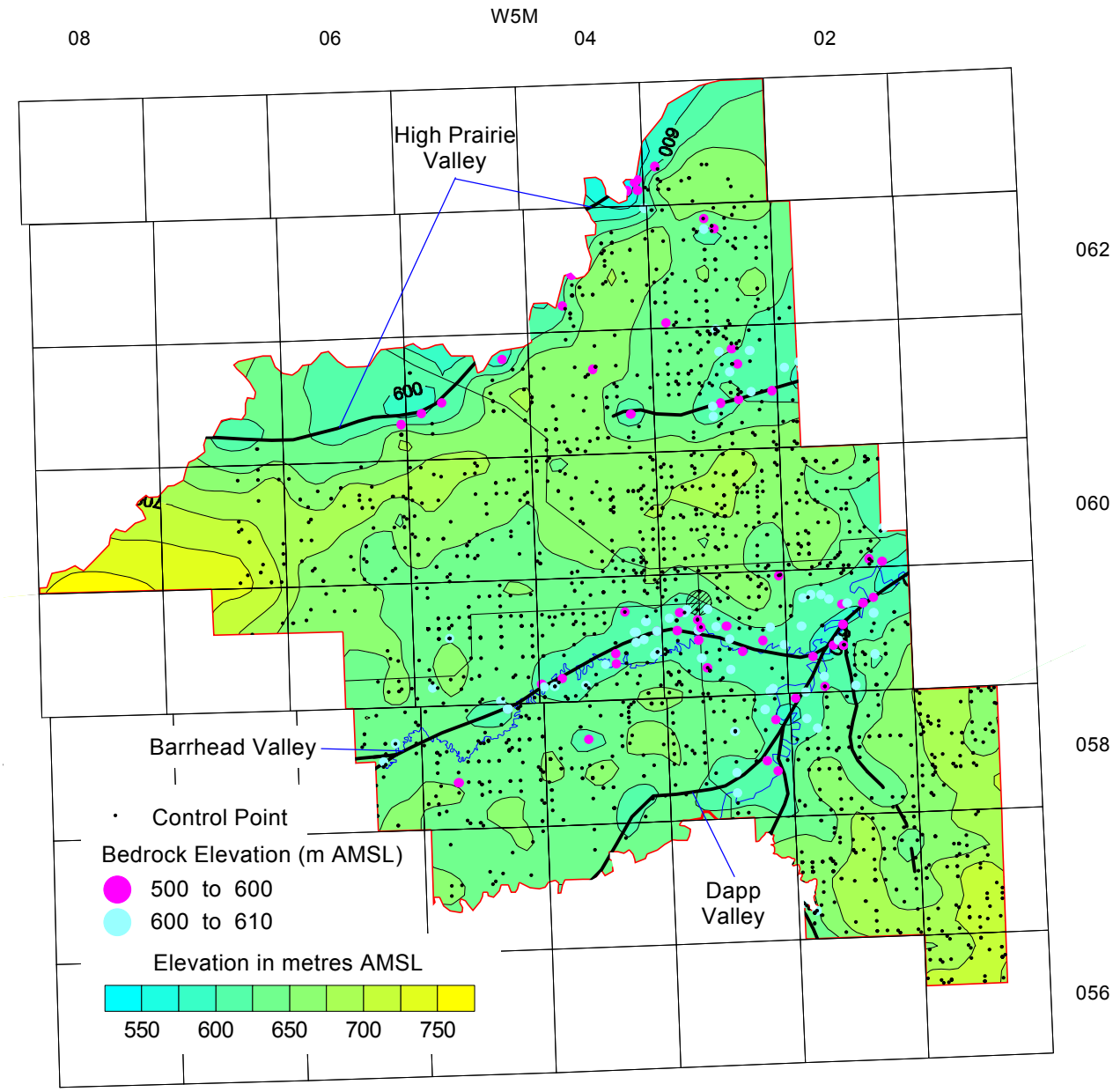
Surface Topography



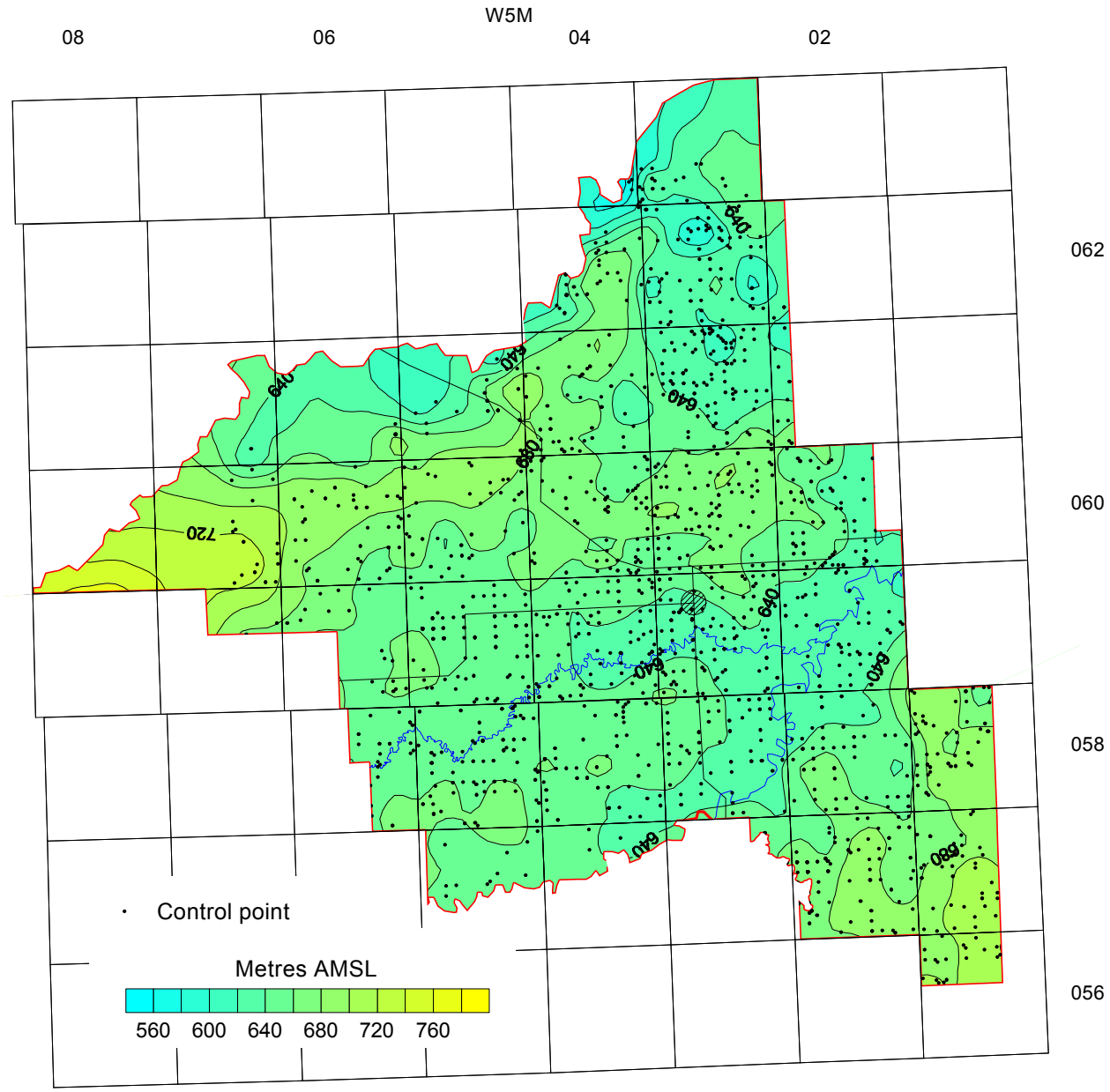
Overburden Thickness



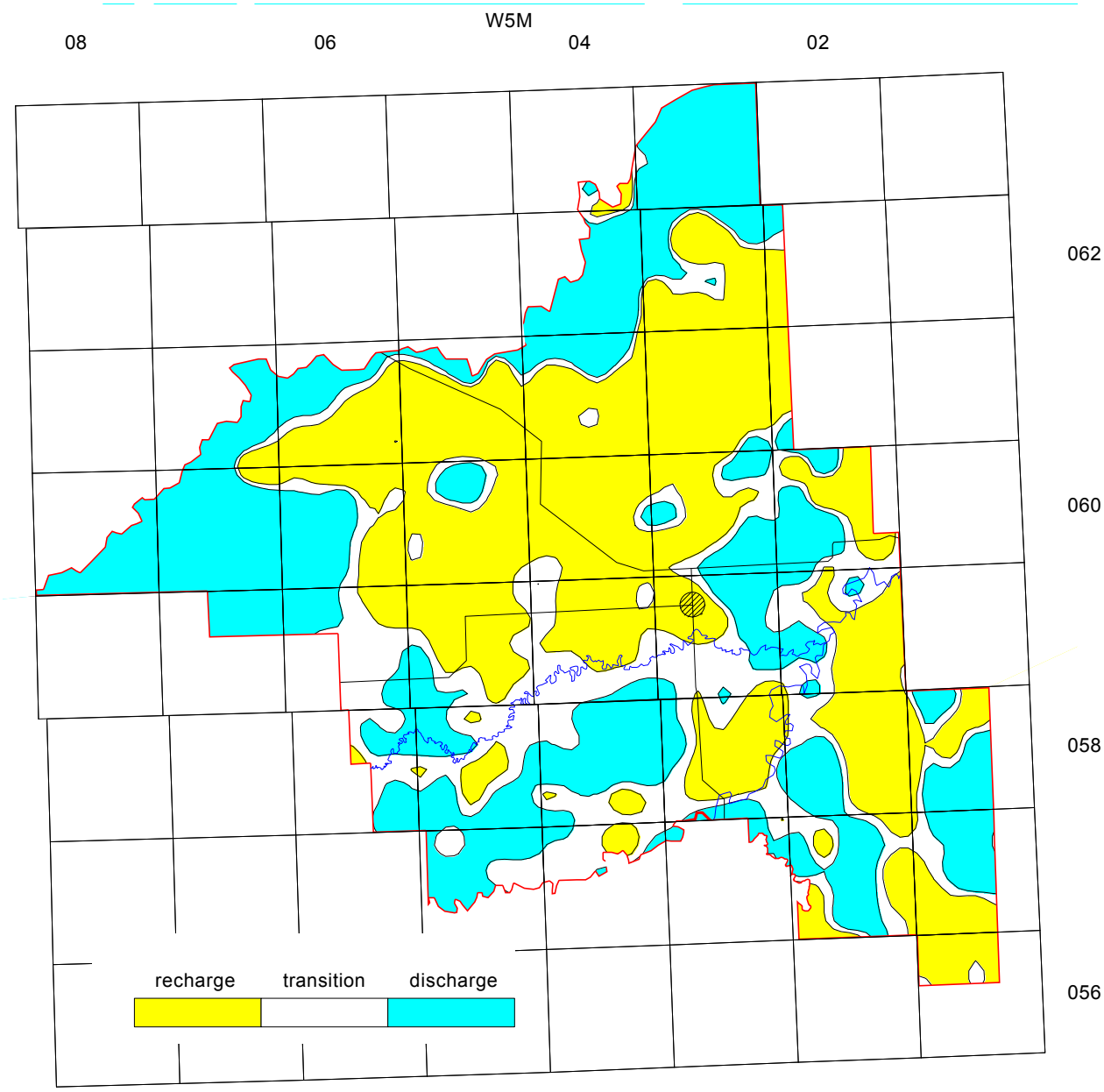
Sand and/or Gravel Associated with the Barrhead and Dapp Valleys



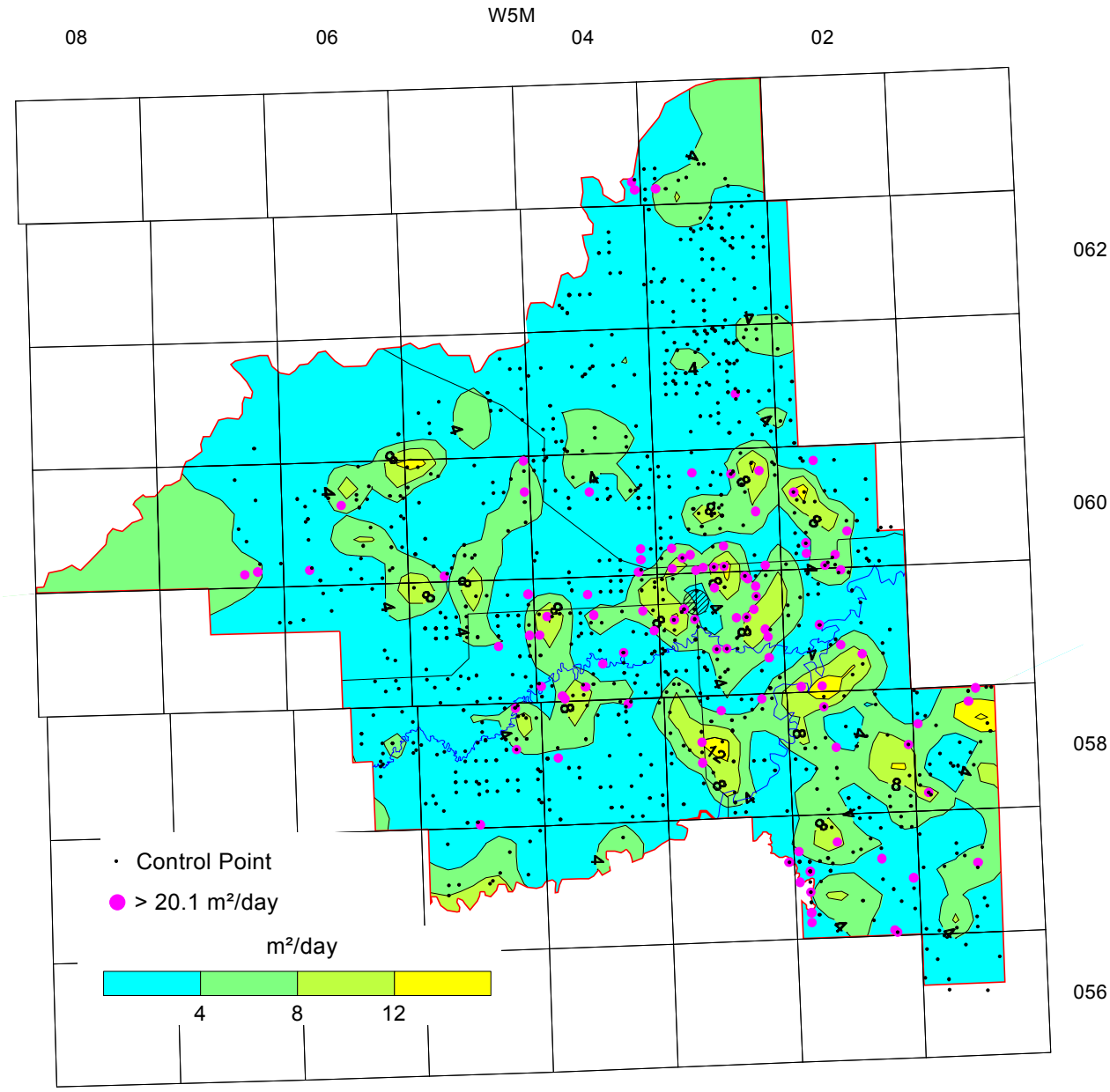
Bedrock Topography and Thalwegs



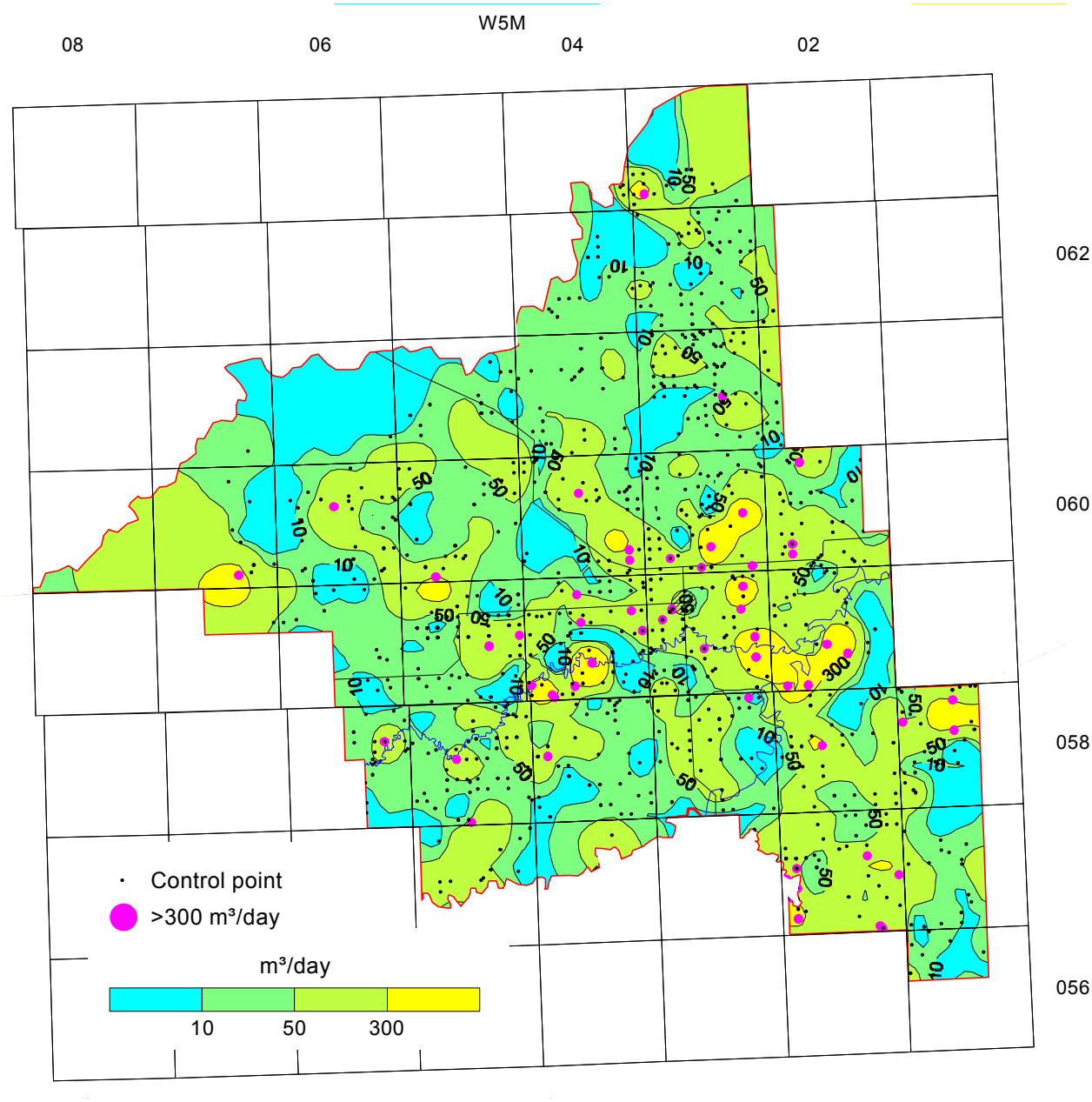
Non-Pumping Water Level in Bedrock Aquifers



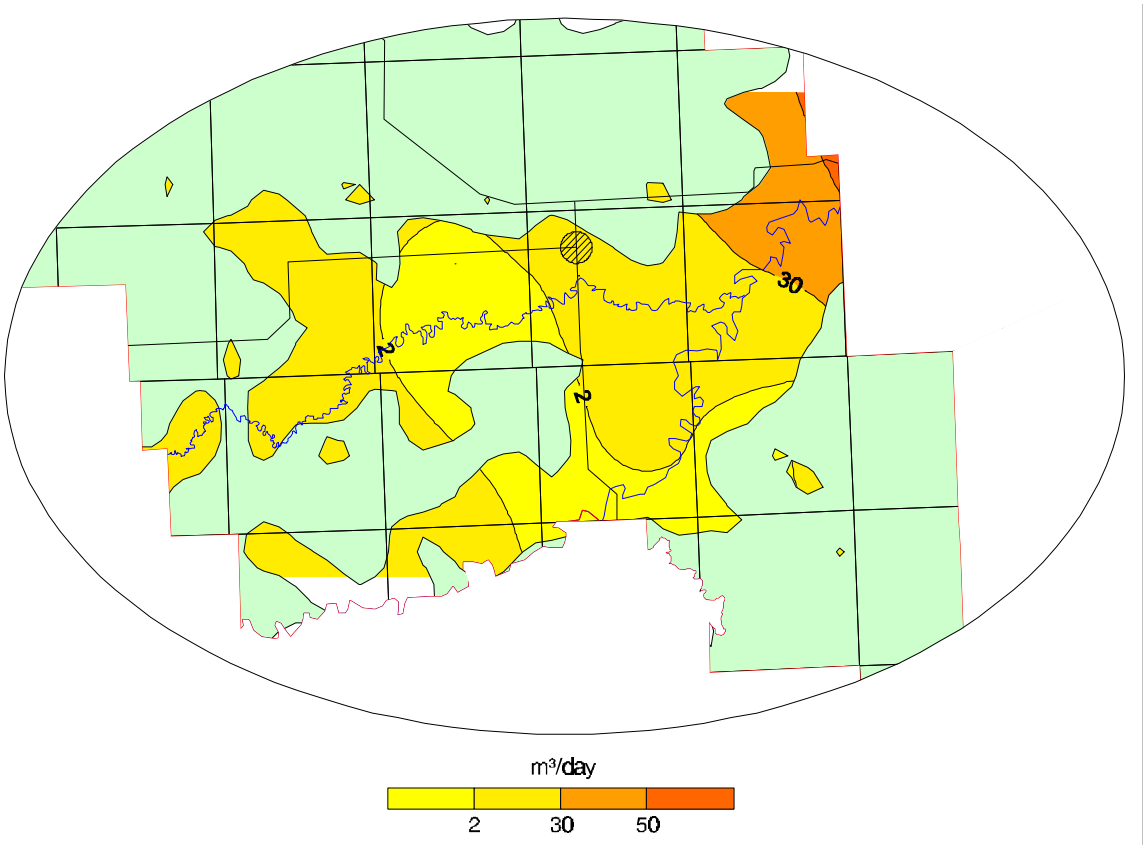
Recharge - Discharge Areas



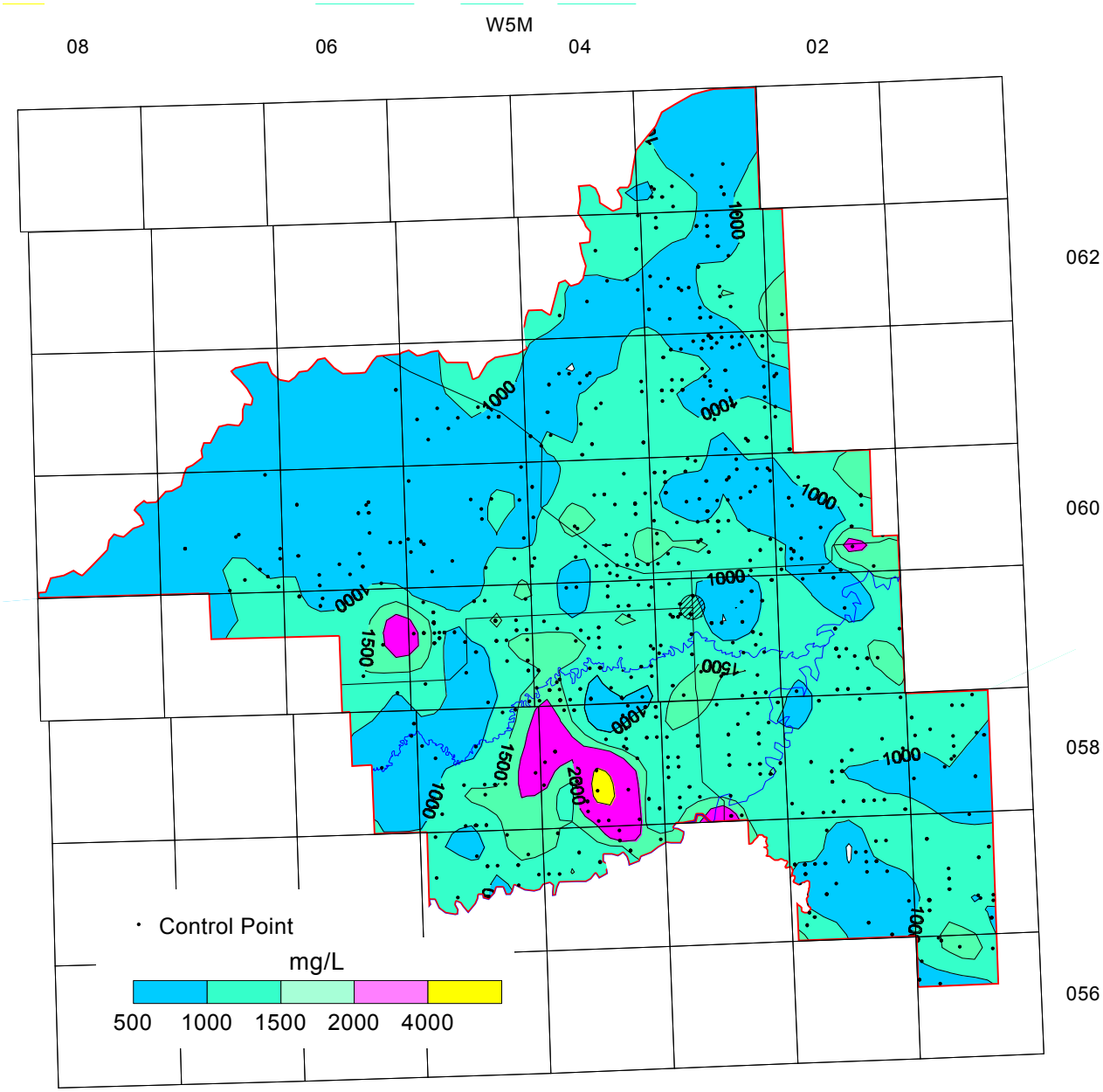
Apparent Transmissivity for Bedrock Aquifers



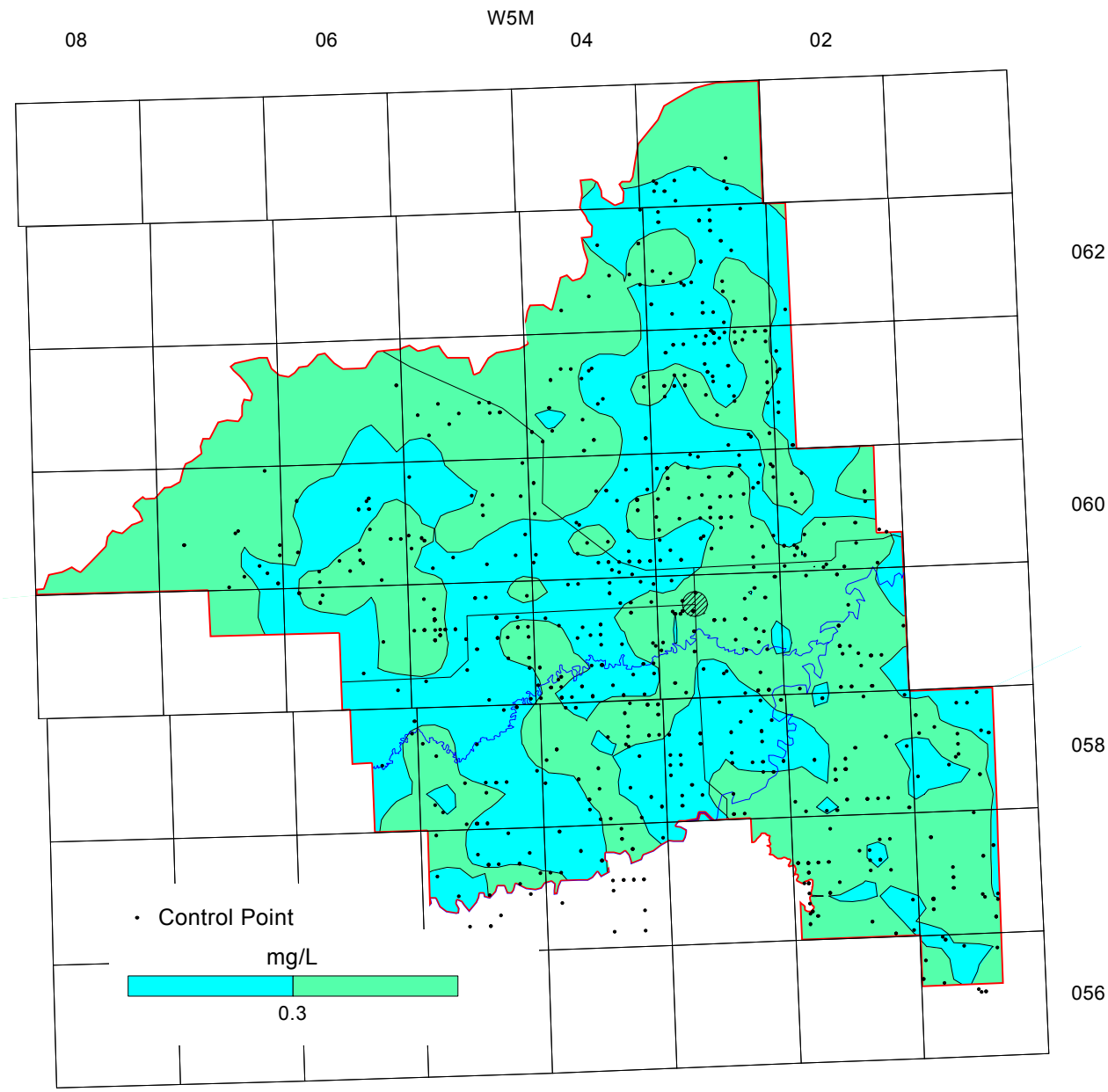
Apparent Safe Yield in Bedrock Aquifers



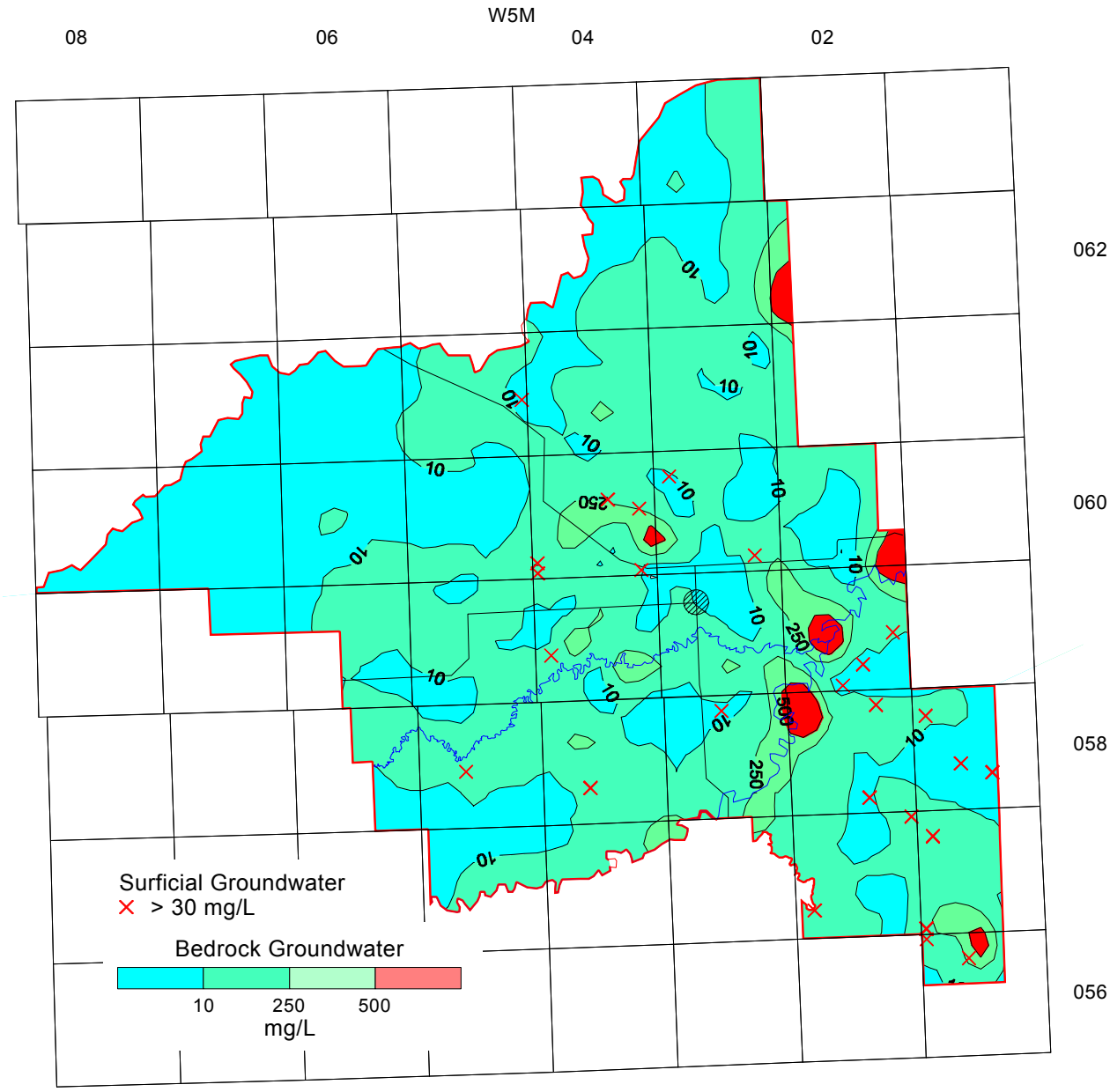
Apparent Safe Yield in the Barrhead and Dapp Valleys



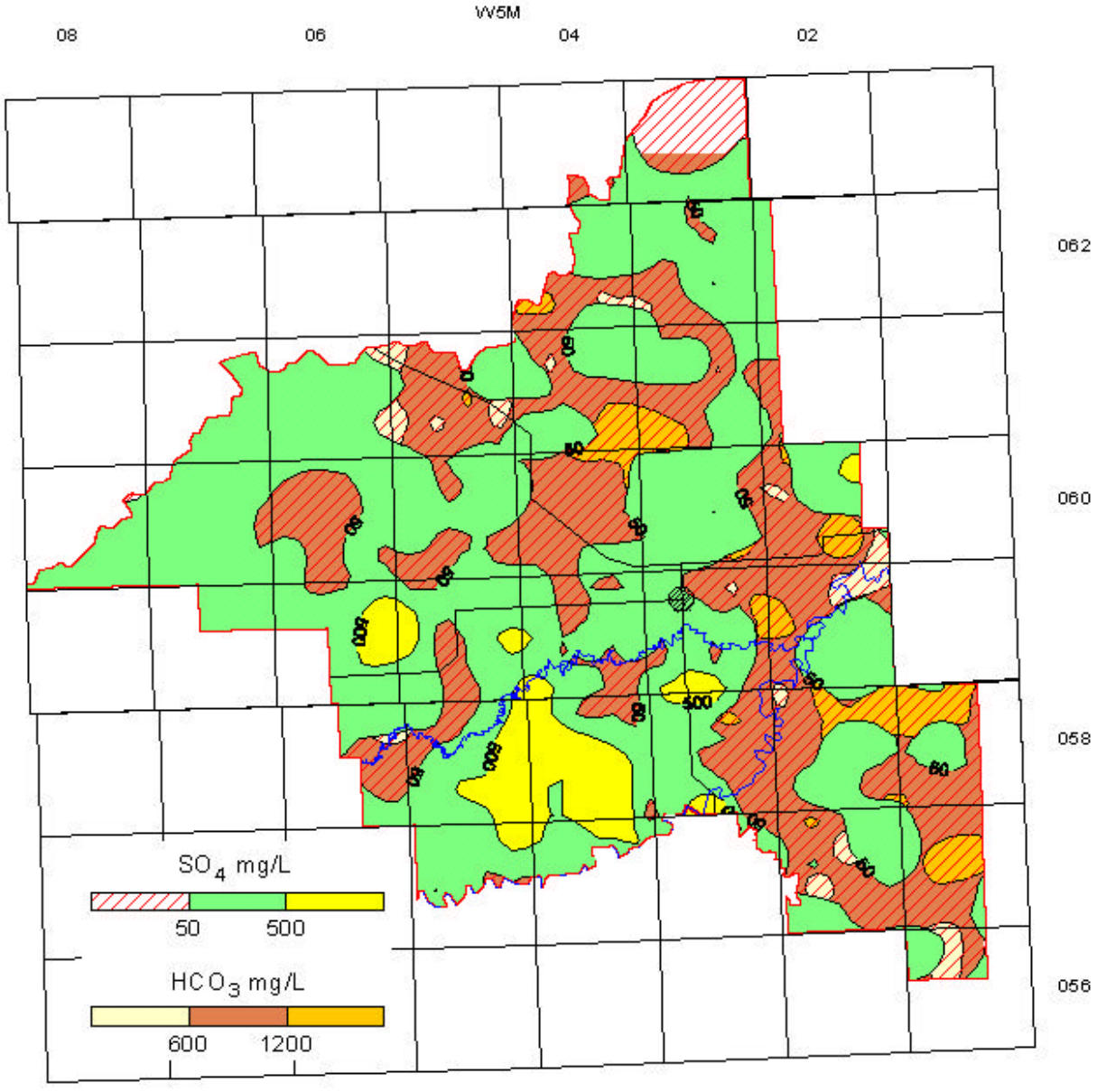
Total Dissolved Solids - Bedrock



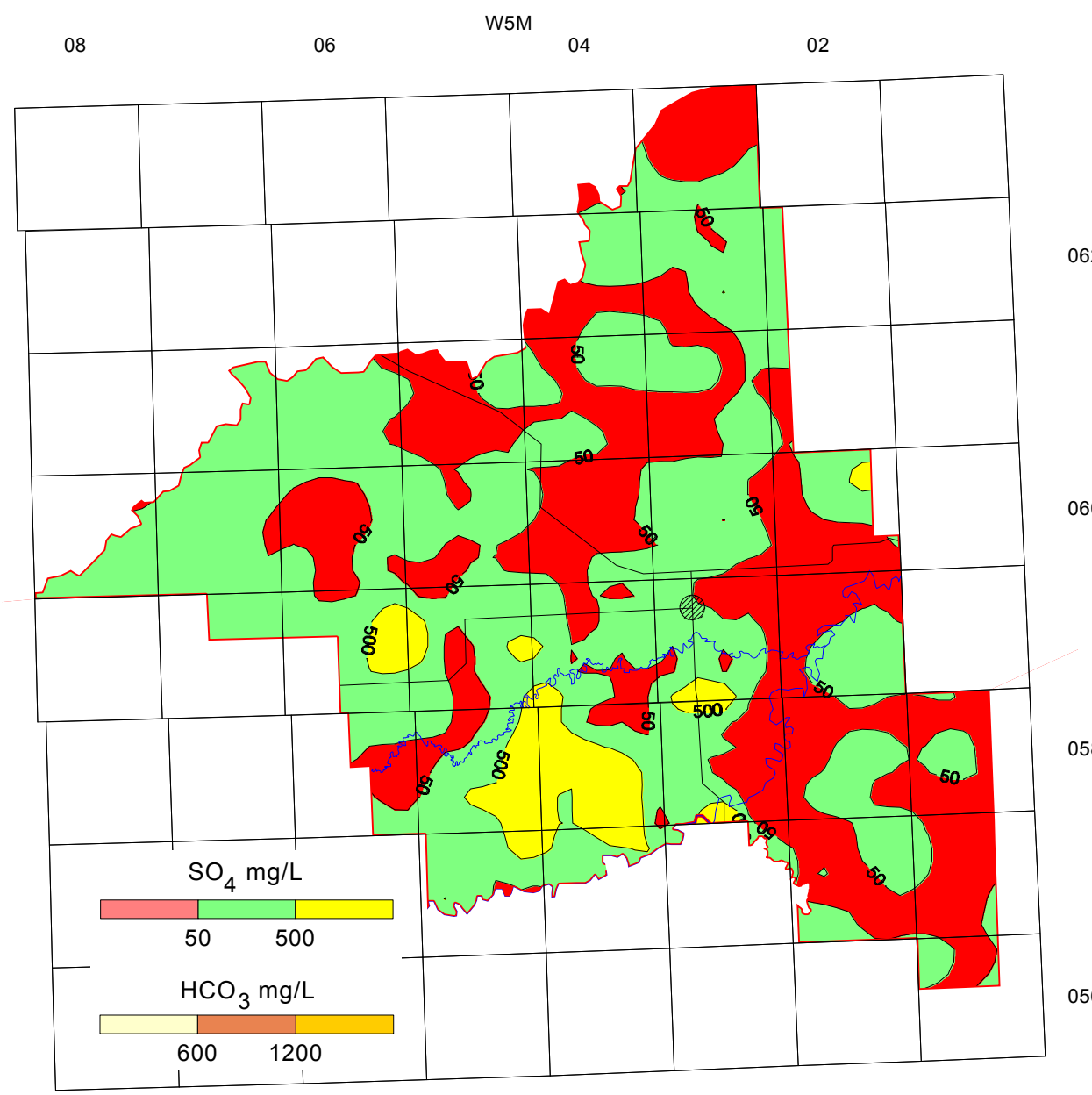
Iron Concentration - Bedrock Groundwater



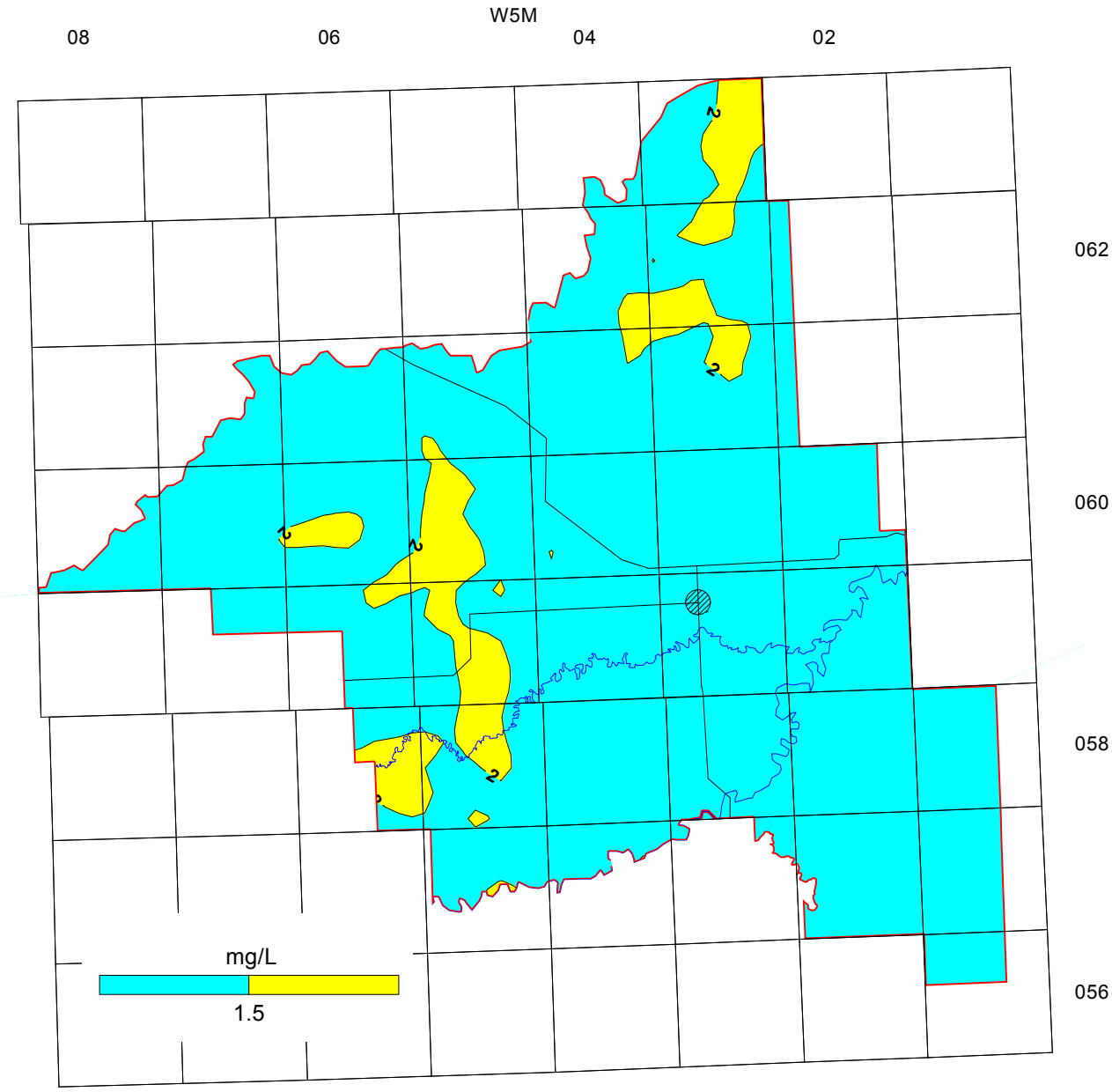
Chloride Concentration



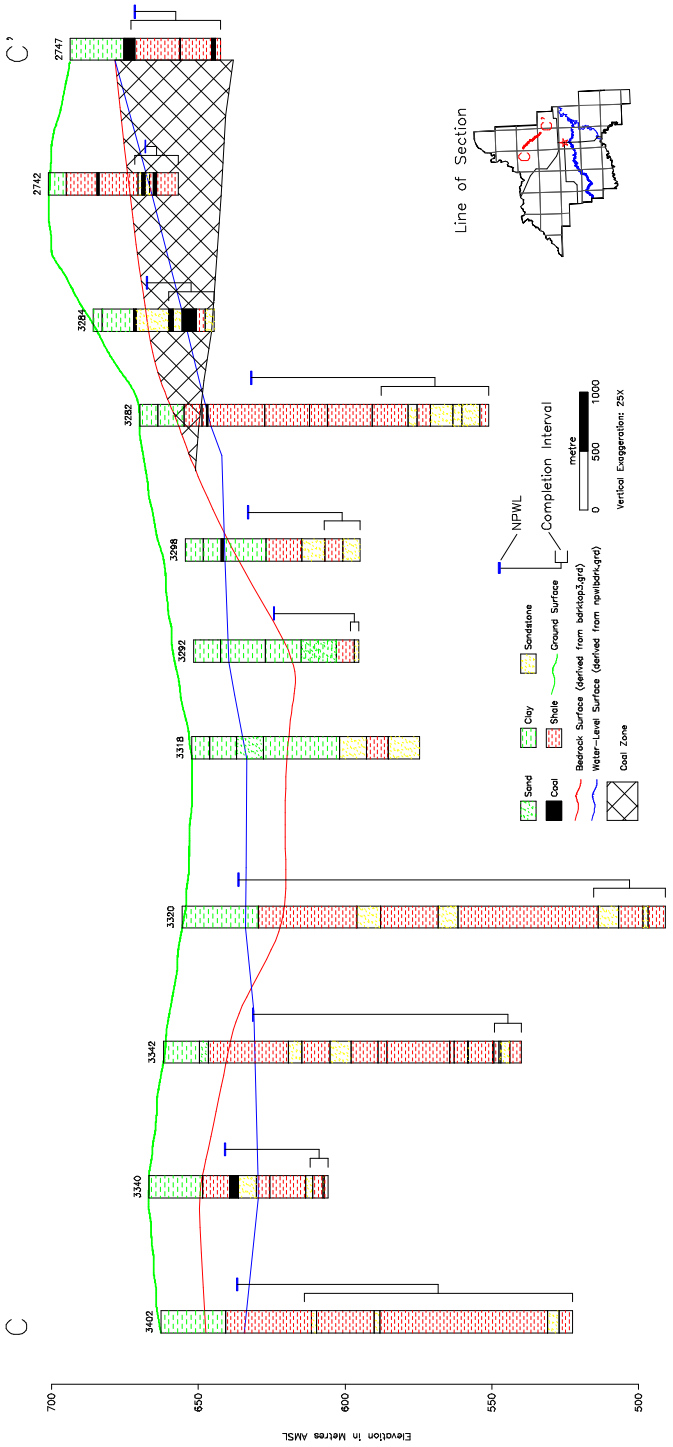
Sulfate and Bicarbonate Concentration



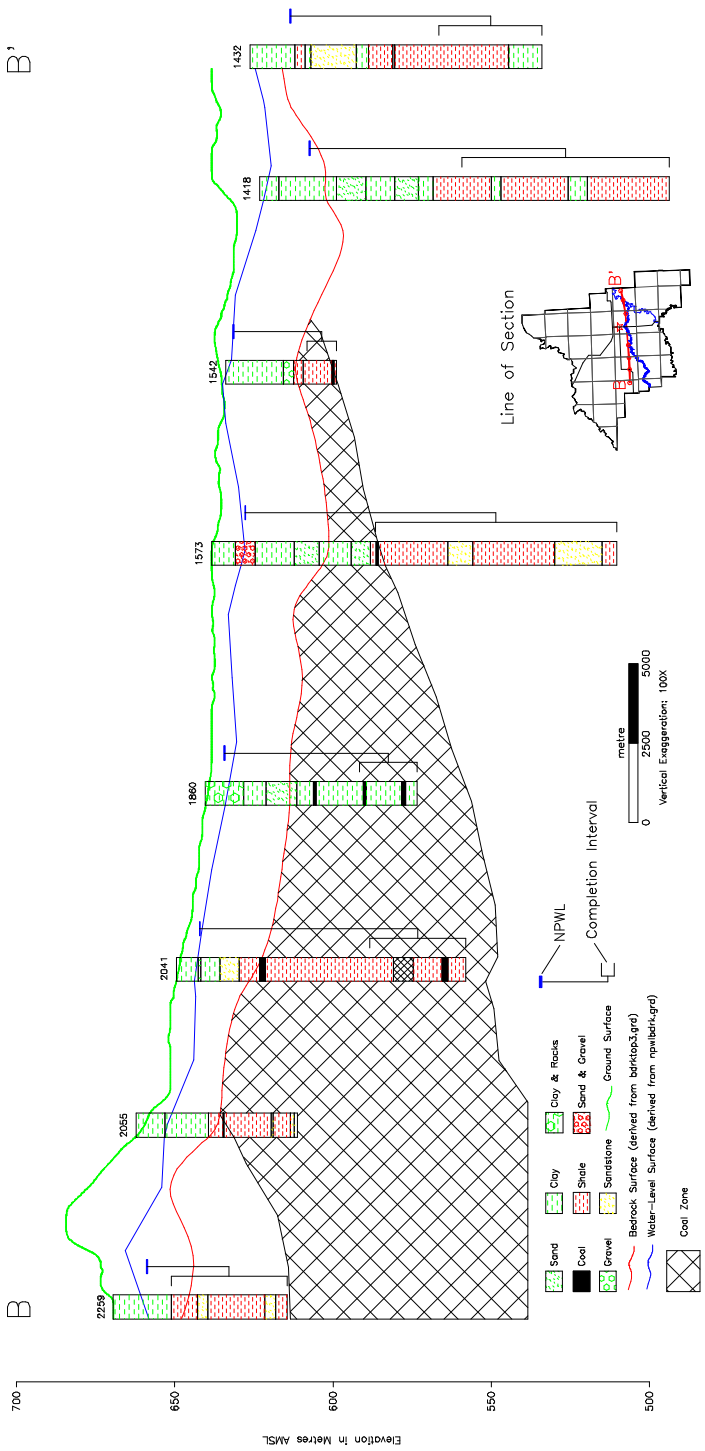
Sulfate and Bicarbonate Concentration



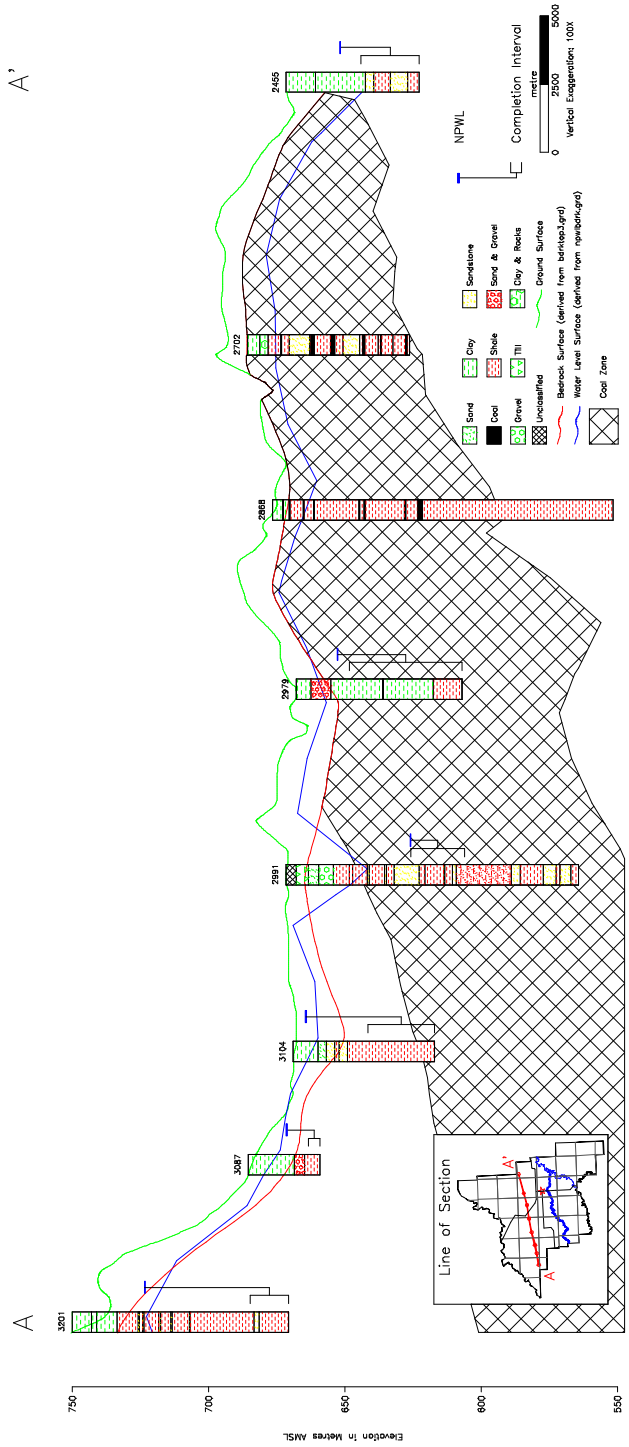
Fluoride Concentration



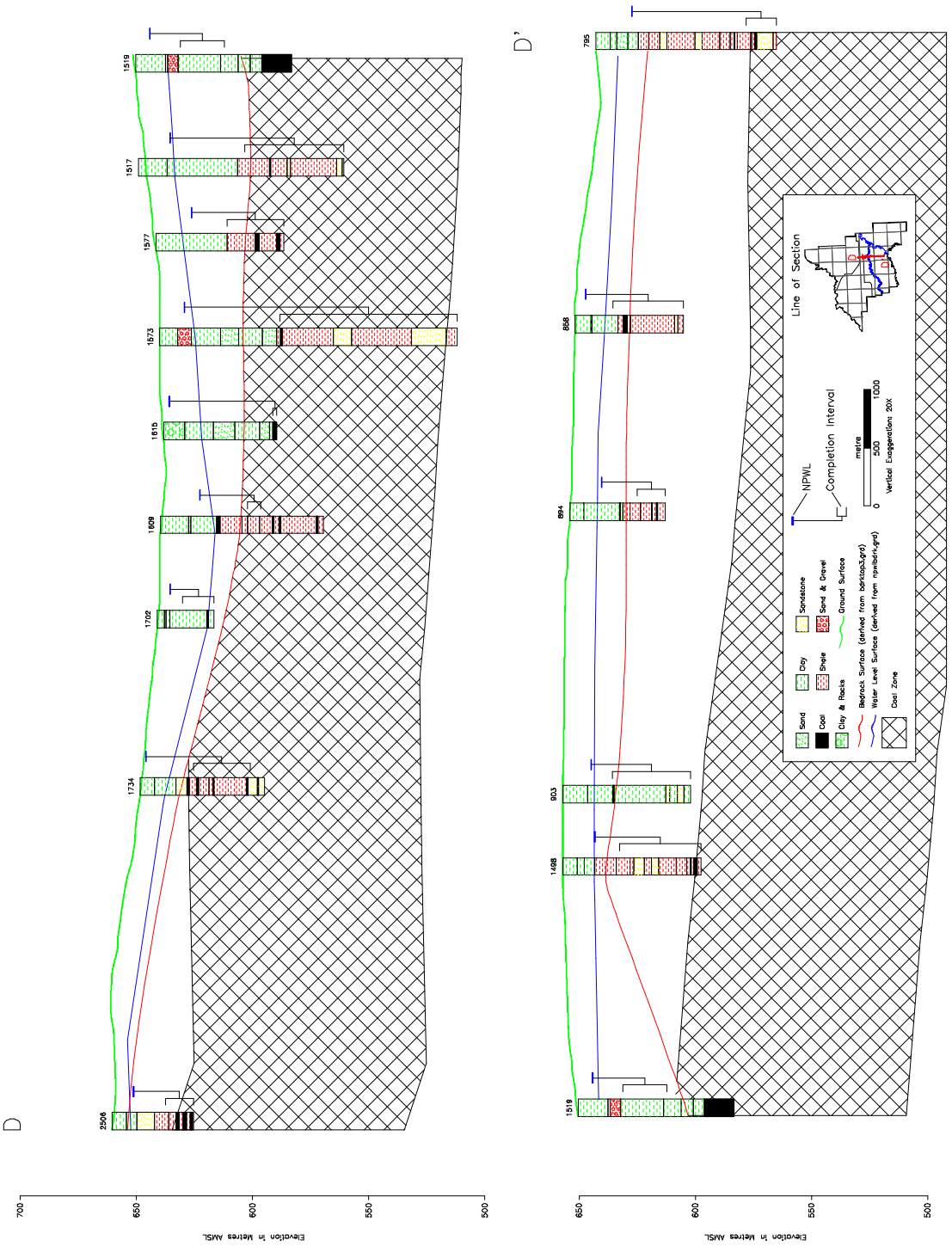
Cross-Section C-C'



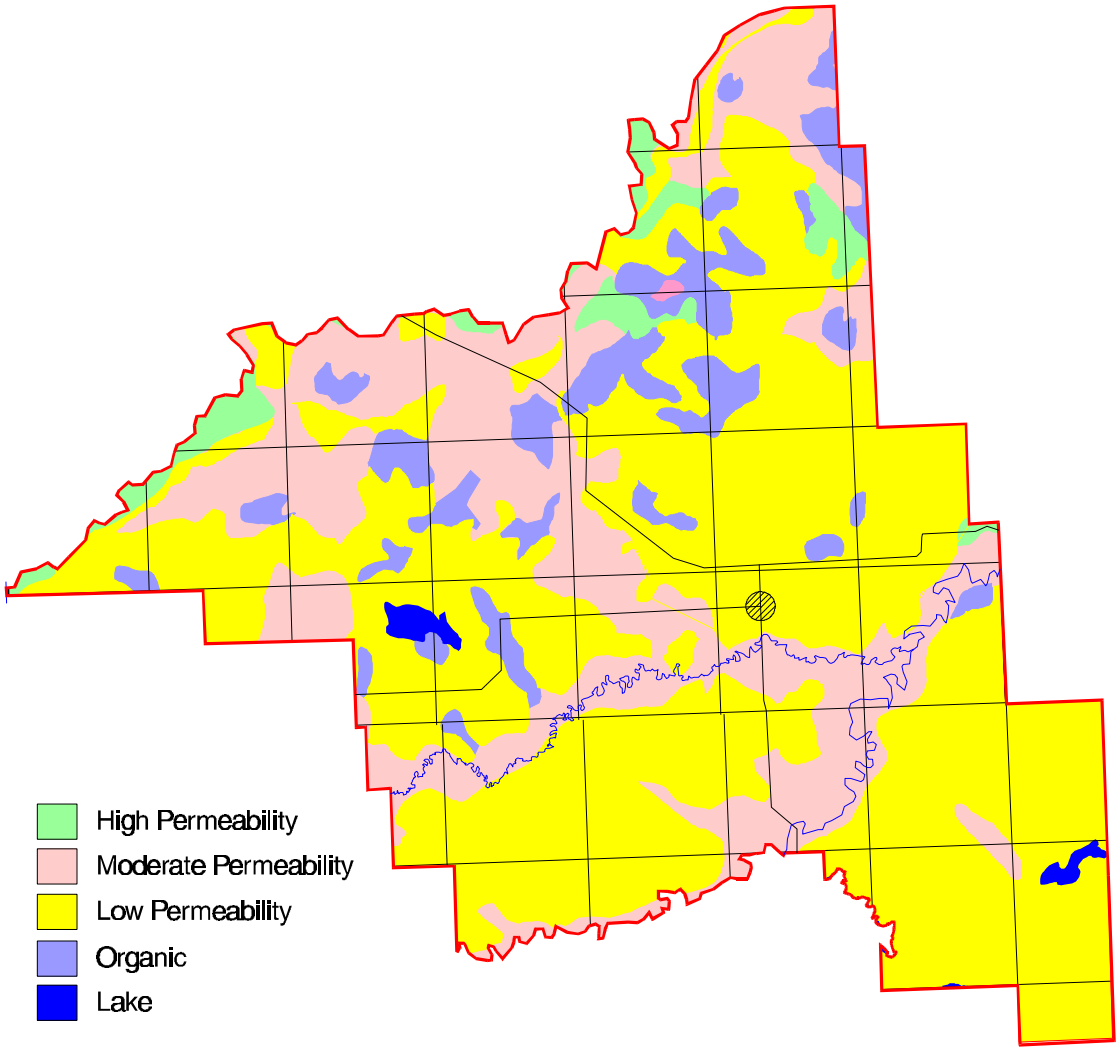
Cross-Section B-B'



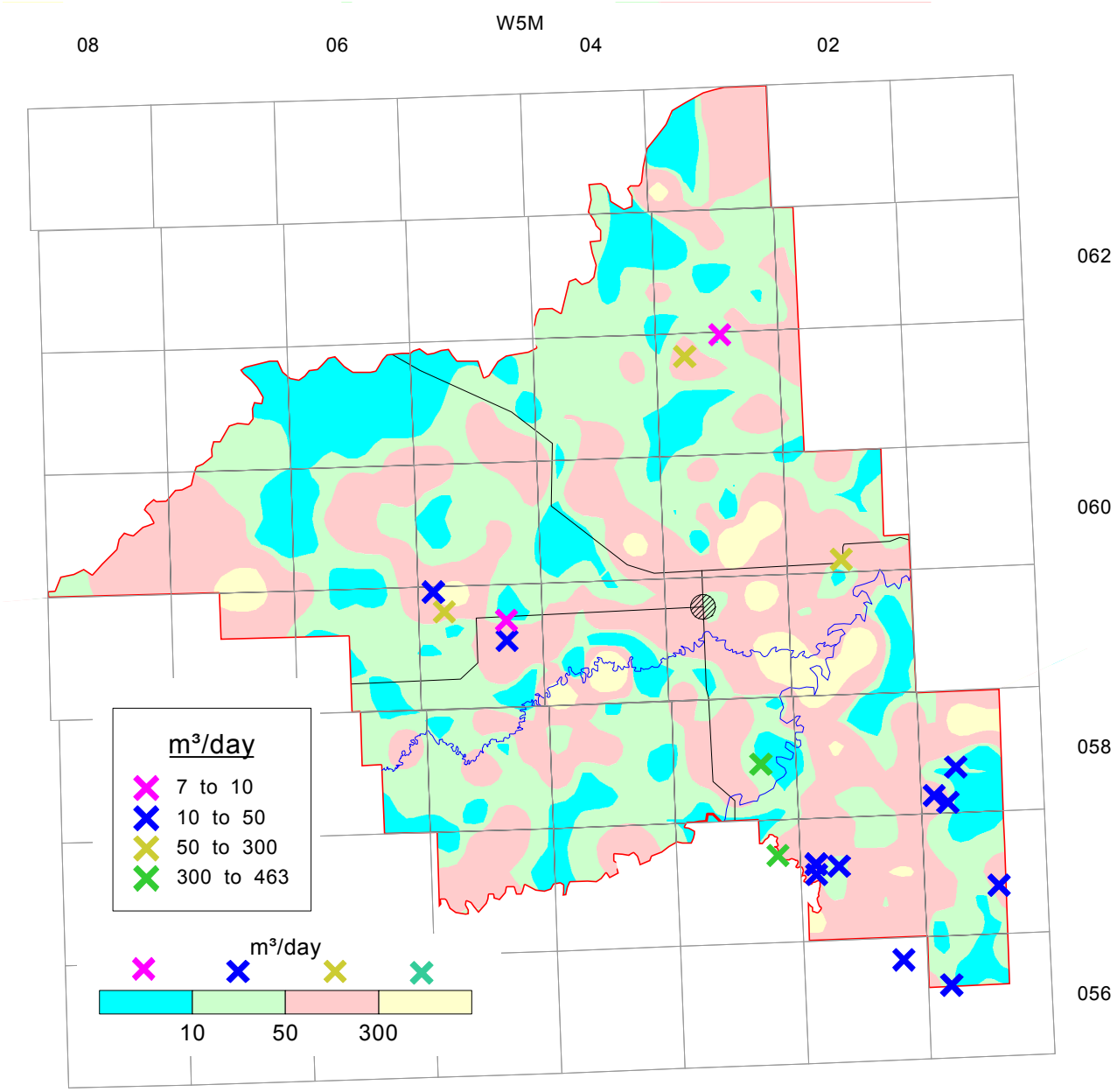
Cross-Section A-A'



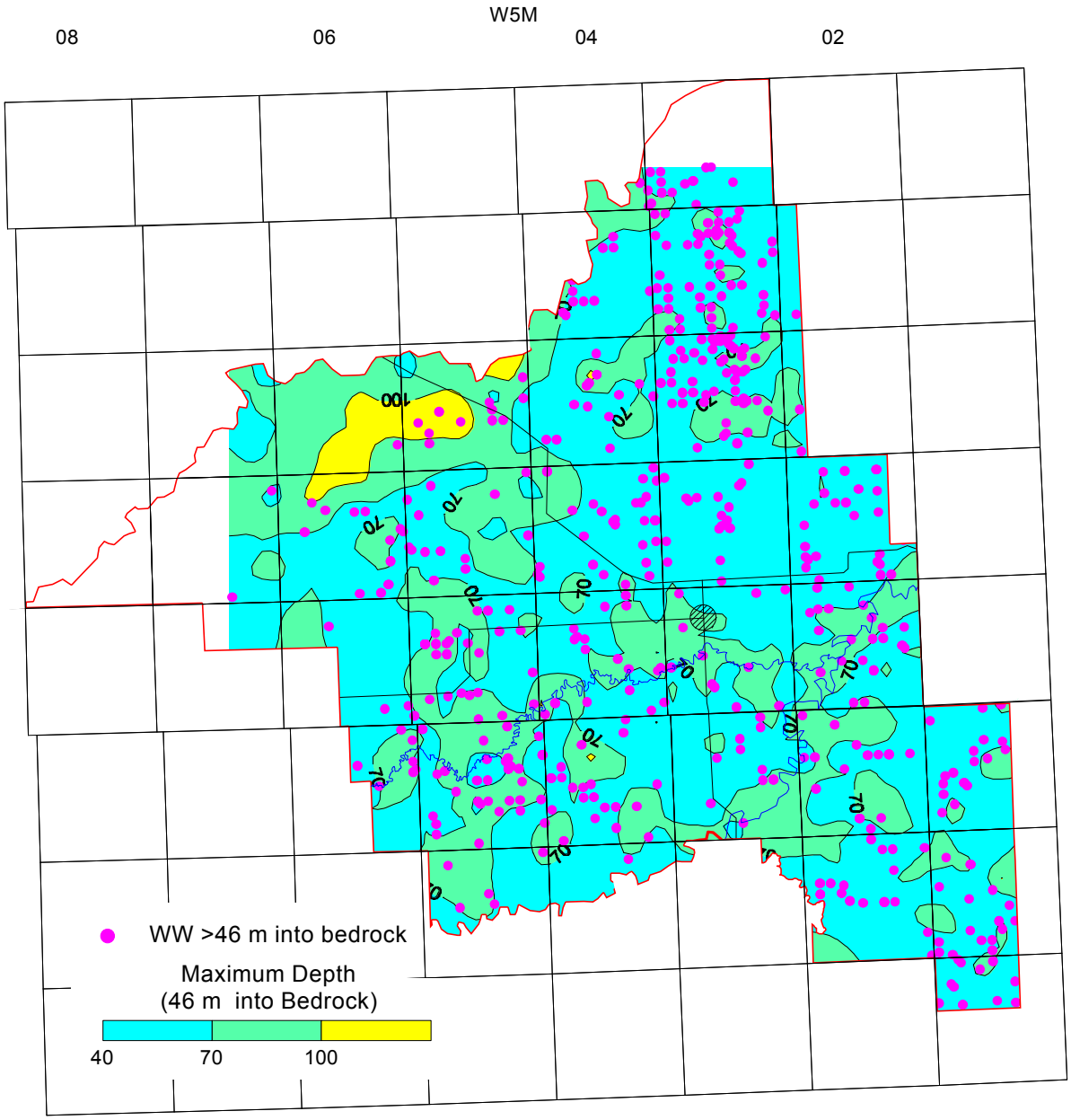
Cross-Section D-D'



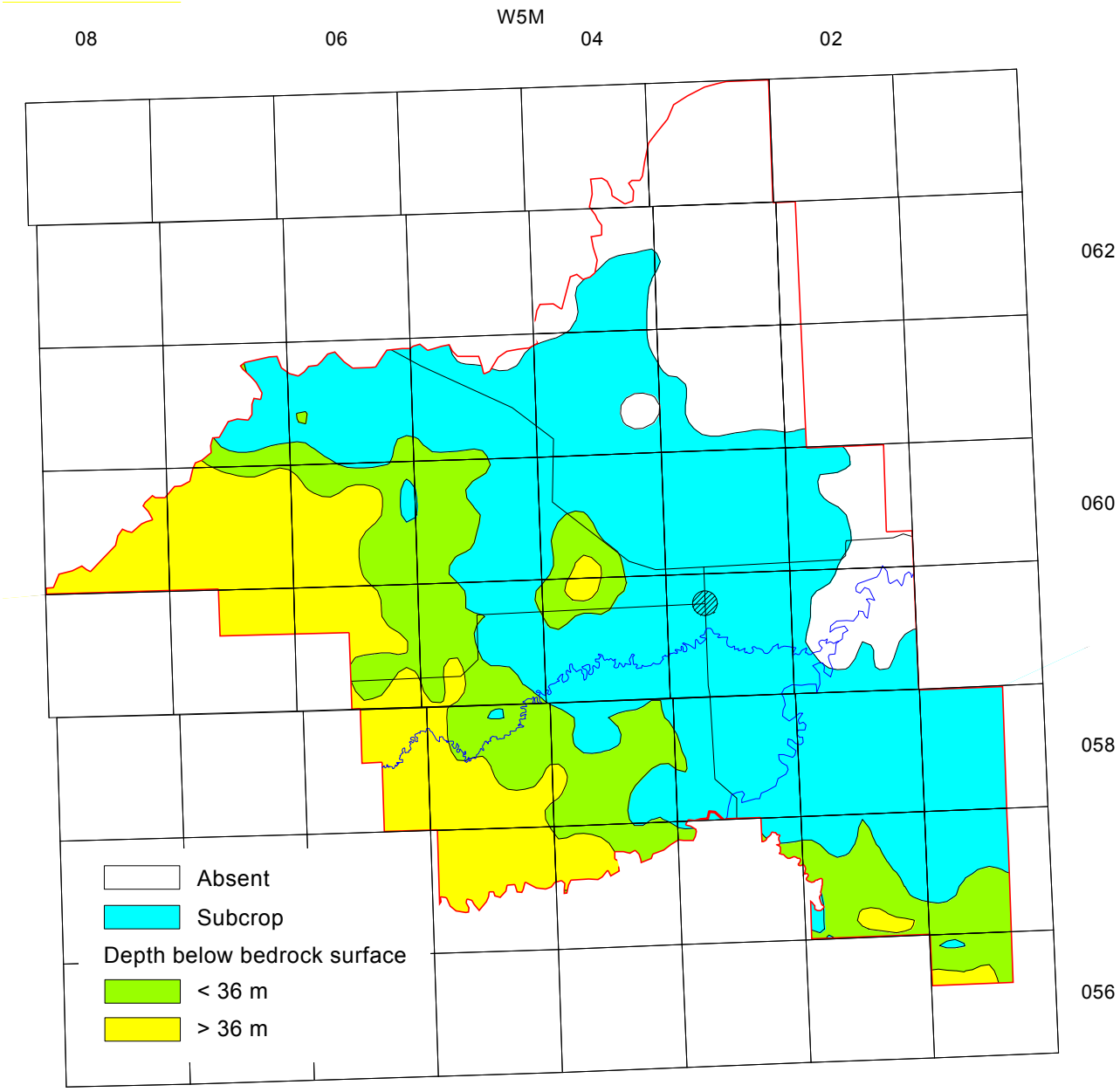
Permeability of Near-Surface Surficial Deposits



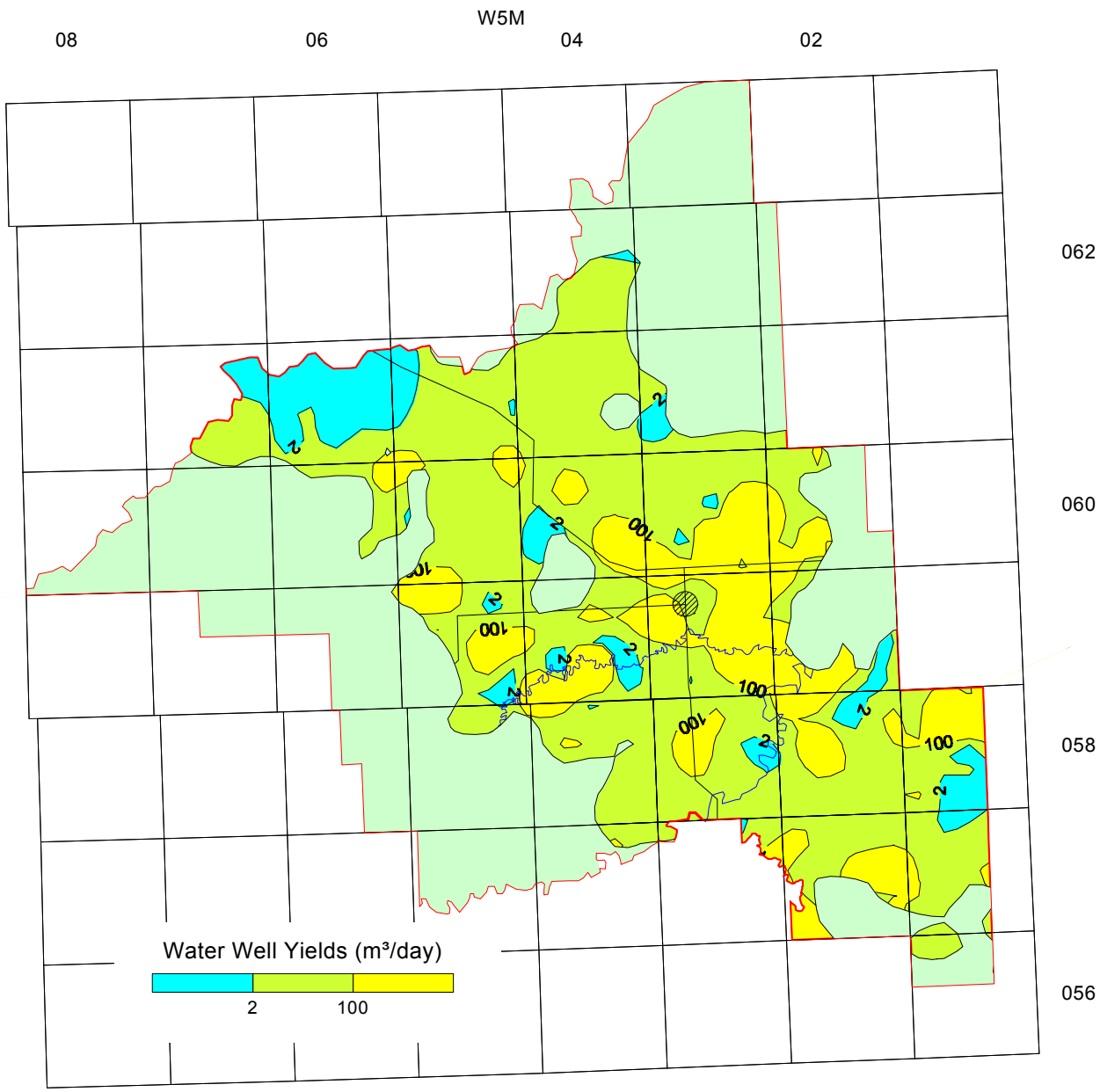
Aquifer Test Results with Projected Apparent Safe Yields



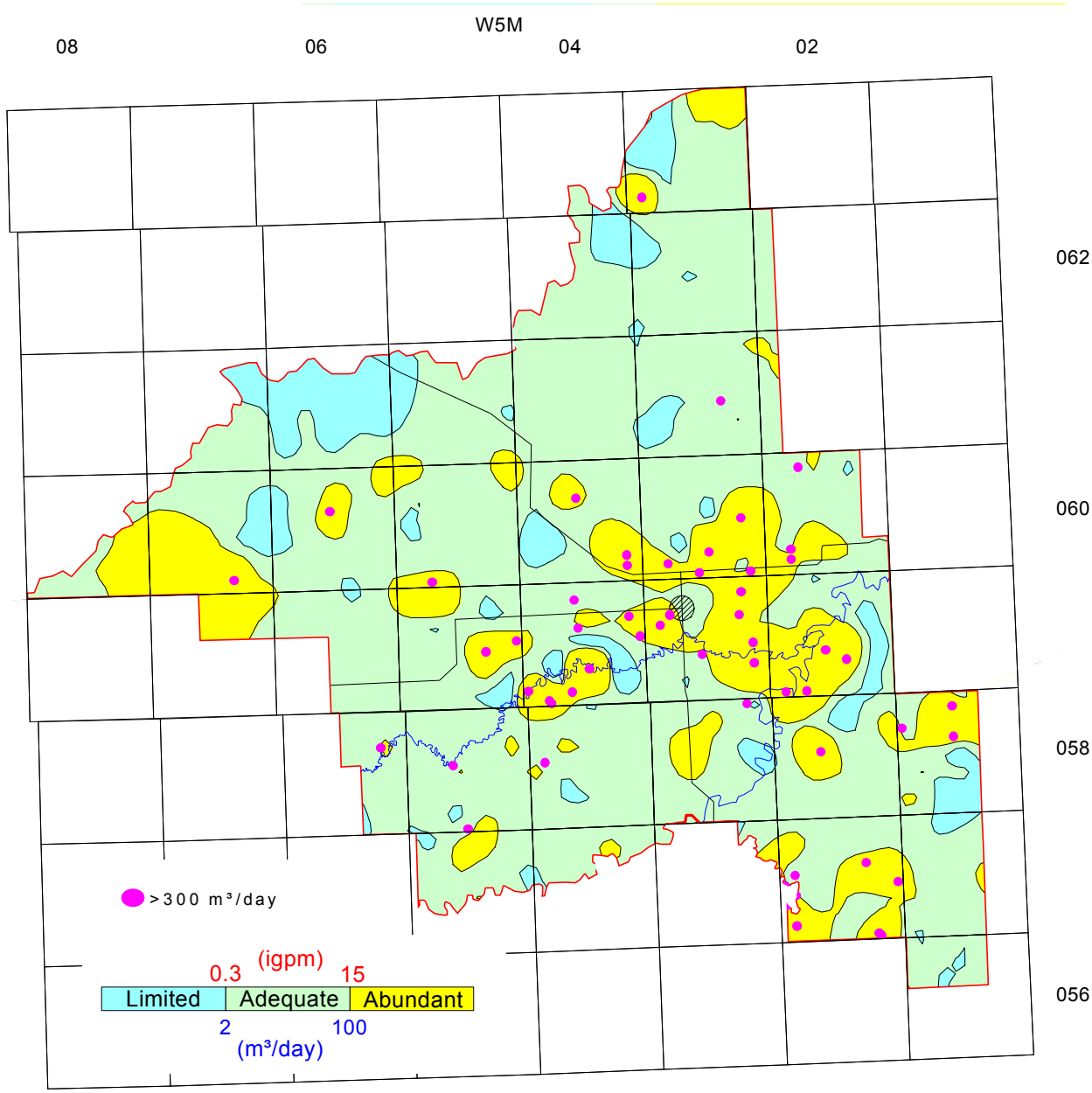
Bedrock Water Well Depths



Coal Interval



Coal Interval Subcrop with Water Well Yields



Bedrock Water Well Yields