

2RP-4712

**Legend**

-  BG 1
-  BG 2
-  BG 3
-  BG 4
-  BG 5
-  Leak Area

Willow Lake

285

Willow Lake Rd  
Google Earth

© 2018 Google

Willow Lake



1000 ft



2RP-4730

Legend

- BG 6 & BG 7
- Leak Area

BG6

BG7

Pecos Hwy

285

721

Pulley Rd

Google Earth

© 2018 Google



1000 ft



Sample Point	Depth	Chloride Levels
BG1	0.5'	28000
BG1	1'	ND
BG2	0.5'	ND
BG2	1'	ND
BG3	Surface	ND
BG3	0.5'	ND
BG3	1'	ND
BG4	0.5'	ND
BG5	1	3000
BG6	1	1000
BG7	1	ND

**Analytical Report**

Lab Order: 1809B70

Date Reported:

**Hall Environmental Analysis Laboratory, Inc.****CLIENT:** Souder, Miller & Associates  
**Project:** Queenie BGs**Lab Order:** 1809B70**Lab ID:** 1809B70-001**Collection Date:** 9/18/2018 9:00:00 AM**Client Sample ID:** BG1-0.5'**Matrix:** SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
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**EPA METHOD 300.0: ANIONS**Analyst: **SRM**

Chloride	28000	30	E	mg/Kg	20	9/20/2018 4:52:14 PM
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**Lab ID:** 1809B70-002**Collection Date:** 9/18/2018 9:12:00 AM**Client Sample ID:** BG1-1'**Matrix:** SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
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**EPA METHOD 300.0: ANIONS**Analyst: **SRM**

Chloride	ND	30		mg/Kg	20	9/20/2018 5:29:27 PM
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**Lab ID:** 1809B70-003**Collection Date:** 9/18/2018 9:30:00 AM**Client Sample ID:** BG2-0.5'**Matrix:** SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
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**EPA METHOD 300.0: ANIONS**Analyst: **SRM**

Chloride	ND	30		mg/Kg	20	9/20/2018 5:41:51 PM
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**Lab ID:** 1809B70-004**Collection Date:** 9/18/2018 9:46:00 AM**Client Sample ID:** BG2-1'**Matrix:** SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
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**EPA METHOD 300.0: ANIONS**Analyst: **MRA**

Chloride	ND	30		mg/Kg	20	9/20/2018 6:55:48 PM
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**Lab ID:** 1809B70-005**Collection Date:** 9/18/2018 10:00:00 AM**Client Sample ID:** BG3a**Matrix:** SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
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**EPA METHOD 300.0: ANIONS**Analyst: **MRA**

Chloride	ND	30		mg/Kg	20	9/20/2018 7:33:01 PM
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**Lab ID:** 1809B70-006**Collection Date:** 9/18/2018 10:15:00 AM**Client Sample ID:** BG3b**Matrix:** SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
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**EPA METHOD 300.0: ANIONS**Analyst: **MRA**

Chloride	ND	30		mg/Kg	20	9/20/2018 7:45:26 PM
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Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank	
	D	Sample Diluted Due to Matrix	E	Value above quantitation range	
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits	Page 1 of 0
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range	
	PQL	Practical Quantitative Limit	RL	Reporting Detection Limit	

**Analytical Report**

Lab Order: 1809B70

Date Reported:

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** Souder, Miller & Associates  
**Project:** Queenie BGs

**Lab Order:** 1809B70**Lab ID:** 1809B70-007**Collection Date:** 9/18/2018 10:25:00 AM**Client Sample ID:** BG3-1**Matrix:** SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
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**EPA METHOD 300.0: ANIONS**

Analyst: MRA

Chloride

ND

30

mg/Kg

20

9/20/2018 8:22:40 PM

**Lab ID:** 1809B70-008**Collection Date:** 9/18/2018 11:00:00 AM**Client Sample ID:** BG4**Matrix:** SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
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**EPA METHOD 300.0: ANIONS**

Analyst: MRA

Chloride

ND

30

mg/Kg

20

9/20/2018 8:35:06 PM

**Lab ID:** 1809B70-009**Collection Date:** 9/18/2018 11:45:00 AM**Client Sample ID:** BG5**Matrix:** SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
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**EPA METHOD 300.0: ANIONS**

Analyst: MRA

Chloride

3000

30

E

mg/Kg

20

9/20/2018 8:47:30 PM

**Lab ID:** 1809B70-010**Collection Date:** 9/18/2018 1:00:00 PM**Client Sample ID:** BG6-1**Matrix:** SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
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**EPA METHOD 300.0: ANIONS**

Analyst: MRA

Chloride

1000

30

mg/Kg

20

9/20/2018 8:59:55 PM

**Lab ID:** 1809B70-011**Collection Date:** 9/18/2018 1:47:00 PM**Client Sample ID:** BG7**Matrix:** SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
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**EPA METHOD 300.0: ANIONS**

Analyst: MRA

Chloride

ND

30

mg/Kg

20

9/20/2018 9:12:20 PM

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

**Qualifiers:**

- \* Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quantitative Limit

- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Detection Limit



## New Mexico Office of the State Engineer

# Water Column/Average Depth to Water

(A CLW#### in the POD suffix indicates the POD has been replaced & no longer serves a water right file.)

(R=POD has been replaced,  
O=orphaned,  
C=the file is closed)

(quarters are 1=NW 2=NE 3=SW 4=SE)

(quarters are smallest to largest)

(NAD83 UTM in meters)

(In feet)

POD Number	Code	Sub-basin	County	Q	Q	Q	Sec	Tws	Rng	X	Y	DepthWell	DepthWater	Water Column
<a href="#">C 04025 POD1</a>		CUB	ED	4	3	3	27	24S	28E	586700	3560964	190	90	100

Average Depth to Water: **90 feet**

Minimum Depth: **90 feet**

Maximum Depth: **90 feet**

**Record Count:** 1

**PLSS Search:**

**Section(s):** 27

**Township:** 24S

**Range:** 28E

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6/25/18 8:33 AM

WATER COLUMN/ AVERAGE DEPTH TO WATER



## New Mexico Office of the State Engineer

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(quarters are smallest to largest)

(NAD83 UTM in meters)

(In feet)

POD Number	Code	POD Sub-basin	County	Q 64	Q 16	Q 4	Sec	Tws	Rng	X	Y	DepthWell	DepthWater	Water Column
<a href="#">C 03358 POD1</a>		CUB	ED	1	4	1	26	24S	28E	588416	3562116	135		
<a href="#">C 03423</a>		CUB	ED	2	4	1	26	24S	28E	588786	3561952	126		
<a href="#">C 03833 POD1</a>		C	ED	2	1	2	26	24S	28E	589014	3562545	96	55	41
<a href="#">C 04151 POD1</a>		CUB	ED	4	2	1	26	24S	28E	588584	3562192	280	65	215
<a href="#">C 04180 POD1</a>		CUB	ED	2	1	2	26	24S	28E	589055	3562502	160	58	102
<a href="#">C 04181 POD1</a>		CUB	ED	3	2	1	26	24S	28E	588450	3562146	280	56	224

Average Depth to Water: **58 feet**

Minimum Depth: **55 feet**

Maximum Depth: **65 feet**

**Record Count:** 6

**PLSS Search:**

**Section(s):** 26, 23

**Township:** 24S

**Range:** 28E

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6/25/18 4:33 PM

WATER COLUMN/ AVERAGE DEPTH TO WATER