

APPENDIX D  
TYPE CURVE MATCHES

APPENDIX D-1  
NORTH TEST



**Petrotek Engineering Corporation**  
 10288 W Chatfield Ave, Suite 201  
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 (303) 290-9414  
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**Pumping Test Analysis Report**

Project: Lost Creek MU1 Pump Test, PW-102

Number:

Client: UR Energy

Location: Lost Creek Mine Unit 1

Pumping Test: PW-102 Test, North Side of Fault

Pumping Well: PW-102

Test Conducted by: KRS/AAP

Test Date: 11/18/2008

Analysis Performed by: KRS/AAP

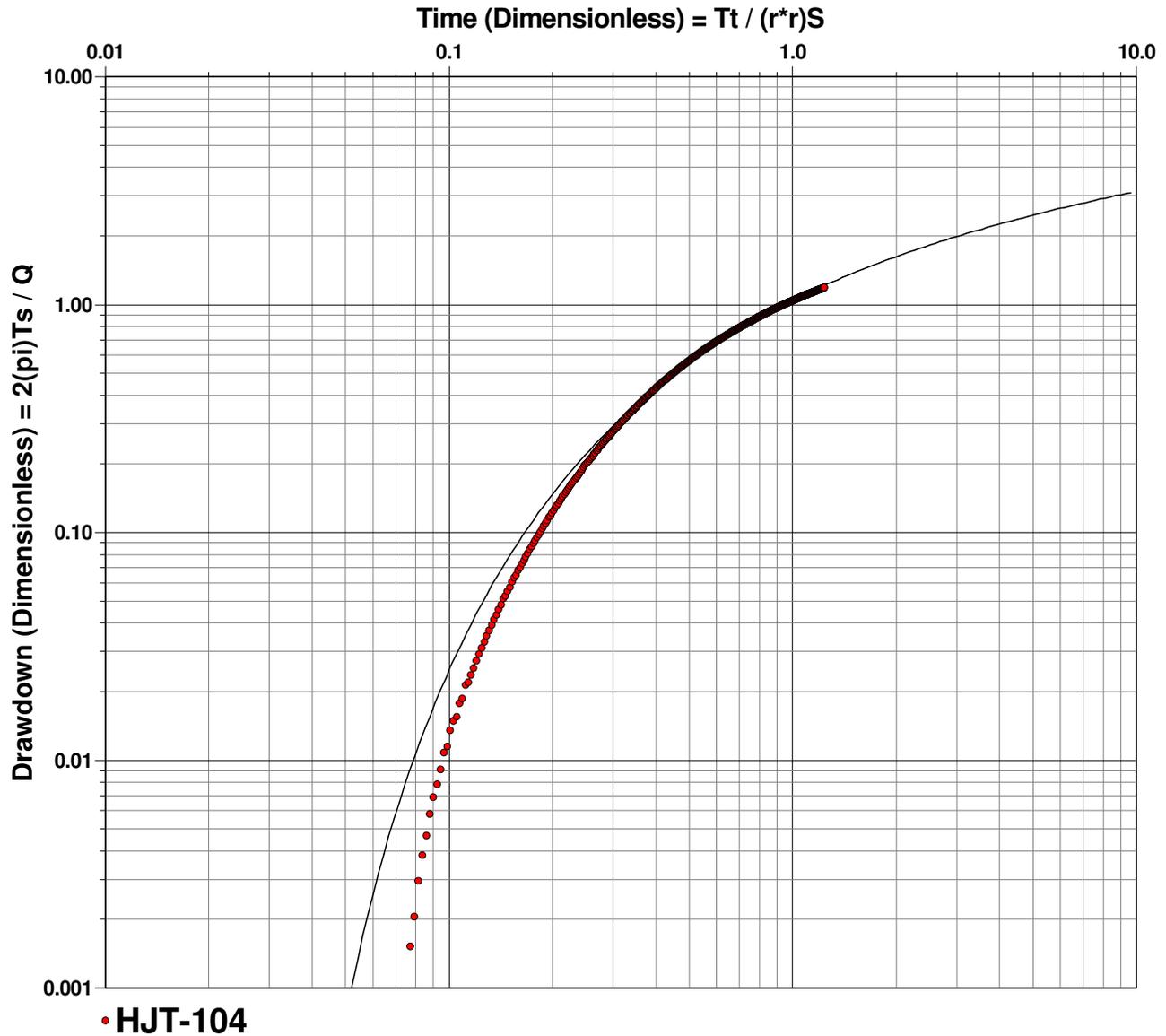
HJT-104 Theis

Analysis Date: 12/12/2008

Aquifer Thickness: 120.00 ft

Discharge Rate: 70.9 [U.S. gal/min]

Analysis:



Calculation after Theis

Observation Well	Transmissivity [ft <sup>2</sup> /d]	Hydraulic Conductivity [ft/d]	Storage coefficient	Radial Distance to PW [ft]
HJT-104	$5.35 \times 10^1$	$4.46 \times 10^{-1}$	$7.20 \times 10^{-5}$	1097.04



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**Pumping Test Analysis Report**

Project: Lost Creek MU1 Pump Test, PW-102

Number:

Client: UR Energy

Location: Lost Creek Mine Unit 1

Pumping Test: PW-102 Test, North Side of Fault

Pumping Well: PW-102

Test Conducted by: KRS/AAP

Test Date: 11/18/2008

Analysis Performed by: KRS/AAP

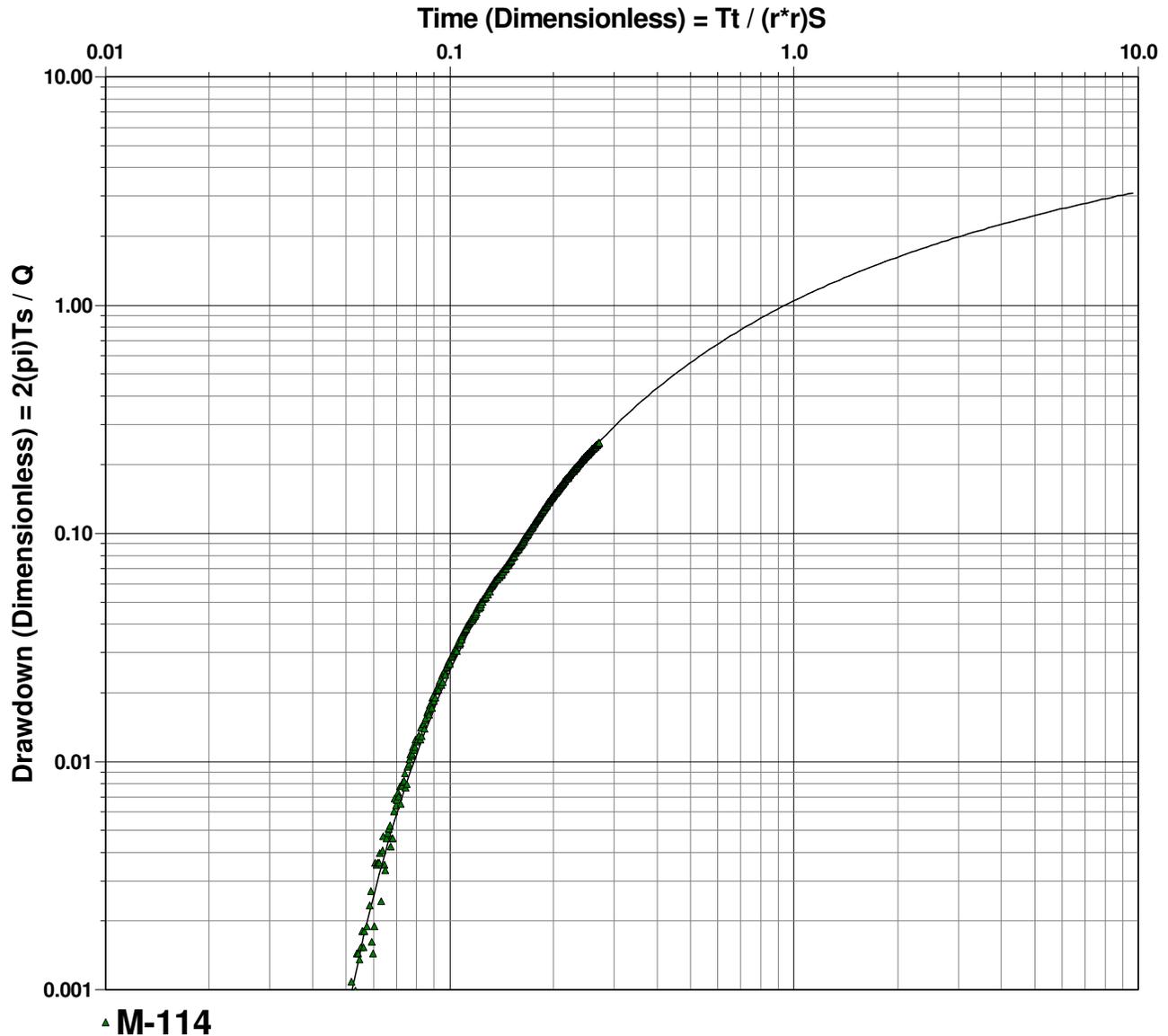
M-114 Theis

Analysis Date: 12/12/2008

Aquifer Thickness: 120.00 ft

Discharge Rate: 70.9 [U.S. gal/min]

Analysis:



Calculation after Theis

Observation Well	Transmissivity [ft <sup>2</sup> /d]	Hydraulic Conductivity [ft/d]	Storage coefficient	Radial Distance to PW [ft]
M-114	$9.82 \times 10^1$	$8.18 \times 10^{-1}$	$1.48 \times 10^{-4}$	2209.94



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**Pumping Test Analysis Report**

Project: Lost Creek MU1 Pump Test, PW-102

Number:

Client: UR Energy

Location: Lost Creek Mine Unit 1

Pumping Test: PW-102 Test, North Side of Fault

Pumping Well: PW-102

Test Conducted by: KRS/AAP

Test Date: 11/18/2008

Analysis Performed by: KRS/AAP

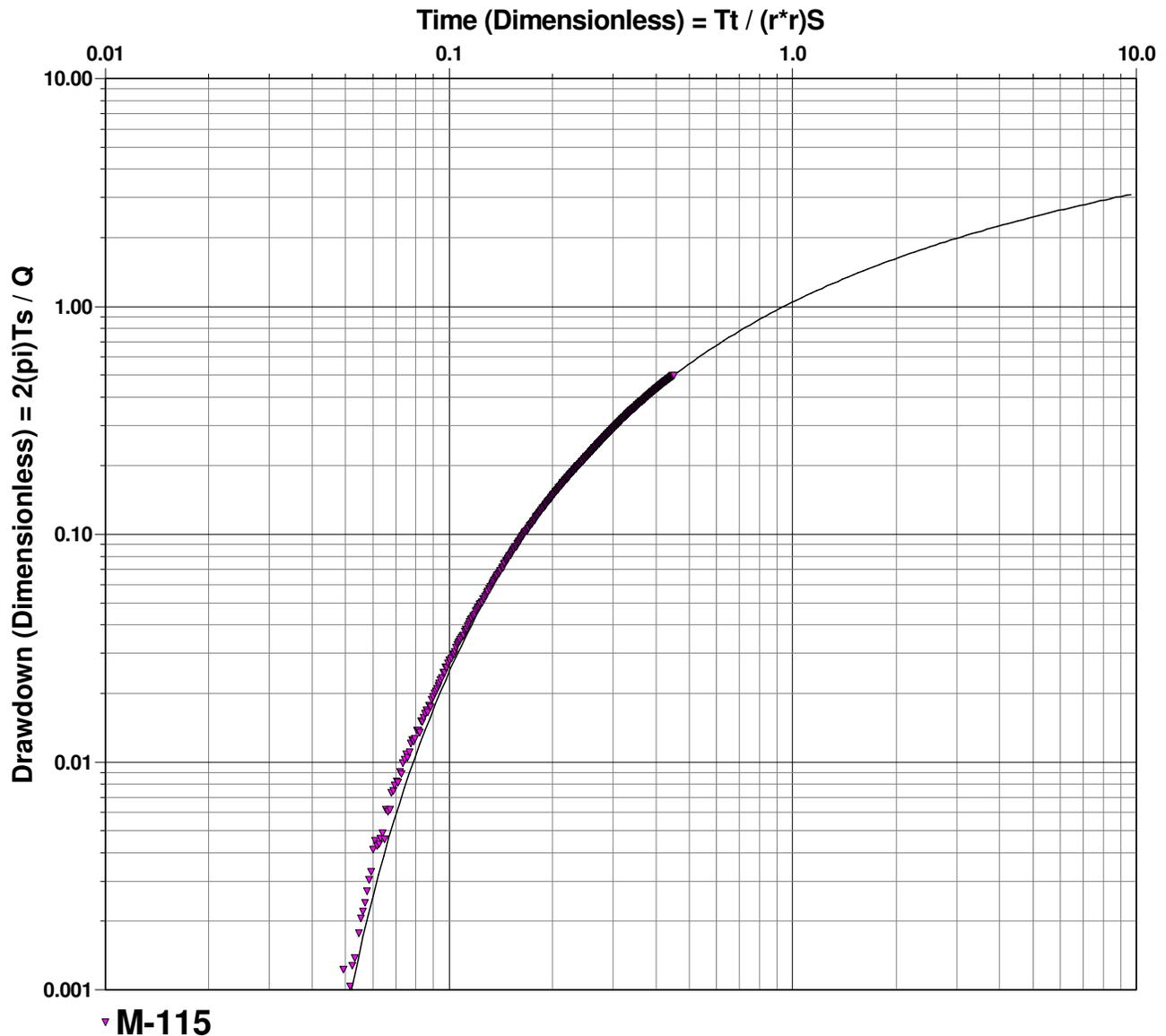
M-115 Theis

Analysis Date: 12/12/2008

Aquifer Thickness: 120.00 ft

Discharge Rate: 70.9 [U.S. gal/min]

Analysis:



Calculation after Theis

Observation Well	Transmissivity [ft <sup>2</sup> /d]	Hydraulic Conductivity [ft/d]	Storage coefficient	Radial Distance to PW [ft]
M-115	$5.33 \times 10^1$	$4.45 \times 10^{-1}$	$5.41 \times 10^{-5}$	2093.86



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**Pumping Test Analysis Report**

Project: Lost Creek MU1 Pump Test, PW-102

Number:

Client: UR Energy

Location: Lost Creek Mine Unit 1

Pumping Test: PW-102 Test, North Side of Fault

Pumping Well: PW-102

Test Conducted by: KRS/AAP

Test Date: 11/18/2008

Analysis Performed by: KRS/AAP

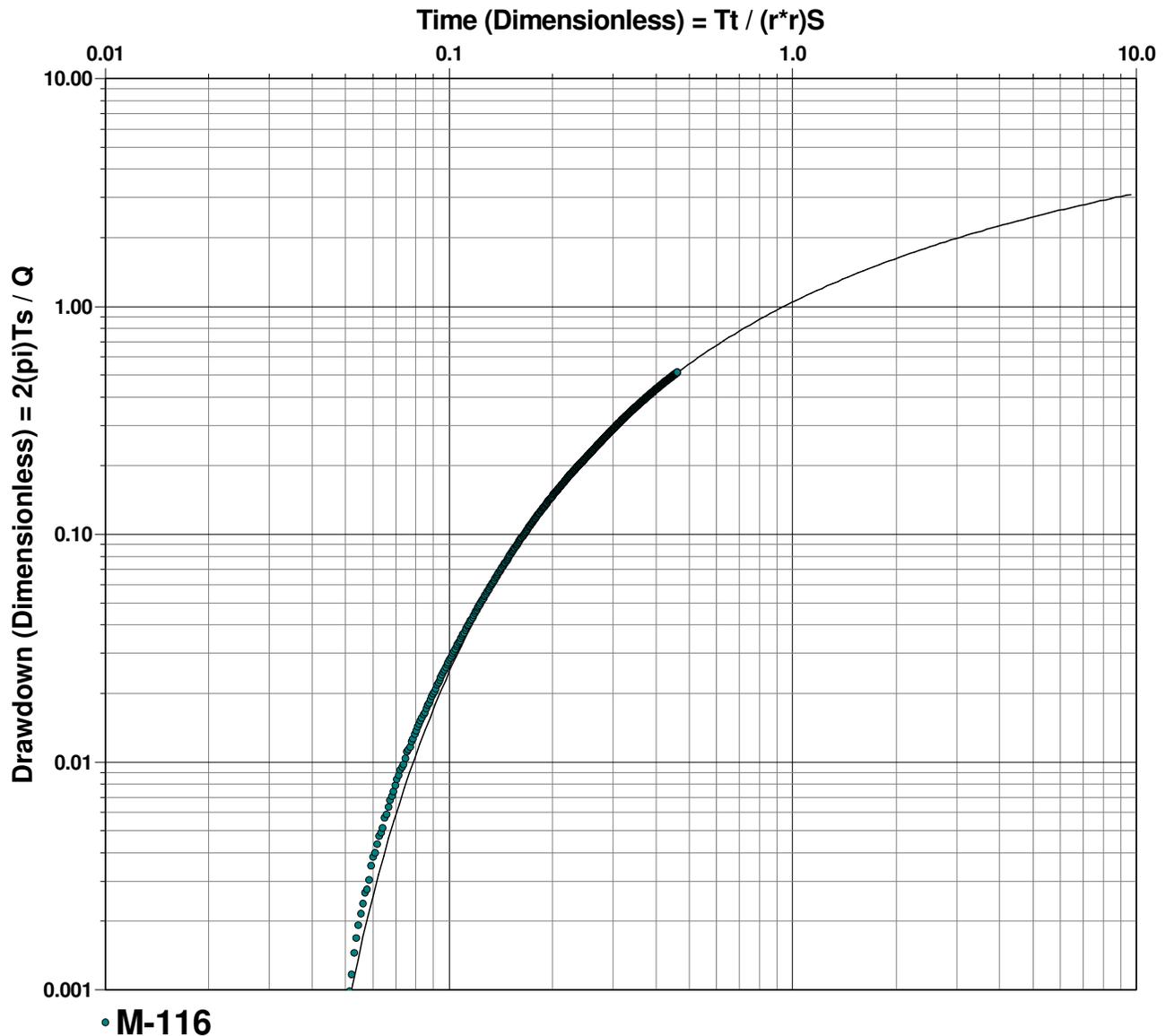
M-116 Theis

Analysis Date: 12/12/2008

Aquifer Thickness: 120.00 ft

Discharge Rate: 70.9 [U.S. gal/min]

Analysis:



Calculation after Theis

Observation Well	Transmissivity [ft <sup>2</sup> /d]	Hydraulic Conductivity [ft/d]	Storage coefficient	Radial Distance to PW [ft]
M-116	$5.09 \times 10^1$	$4.24 \times 10^{-1}$	$5.81 \times 10^{-5}$	1947.7



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**Pumping Test Analysis Report**

Project: Lost Creek MU1 Pump Test, PW-102

Number:

Client: UR Energy

Location: Lost Creek Mine Unit 1

Pumping Test: PW-102 Test, North Side of Fault

Pumping Well: PW-102

Test Conducted by: KRS/AAP

Test Date: 11/18/2008

Analysis Performed by: KRS/AAP

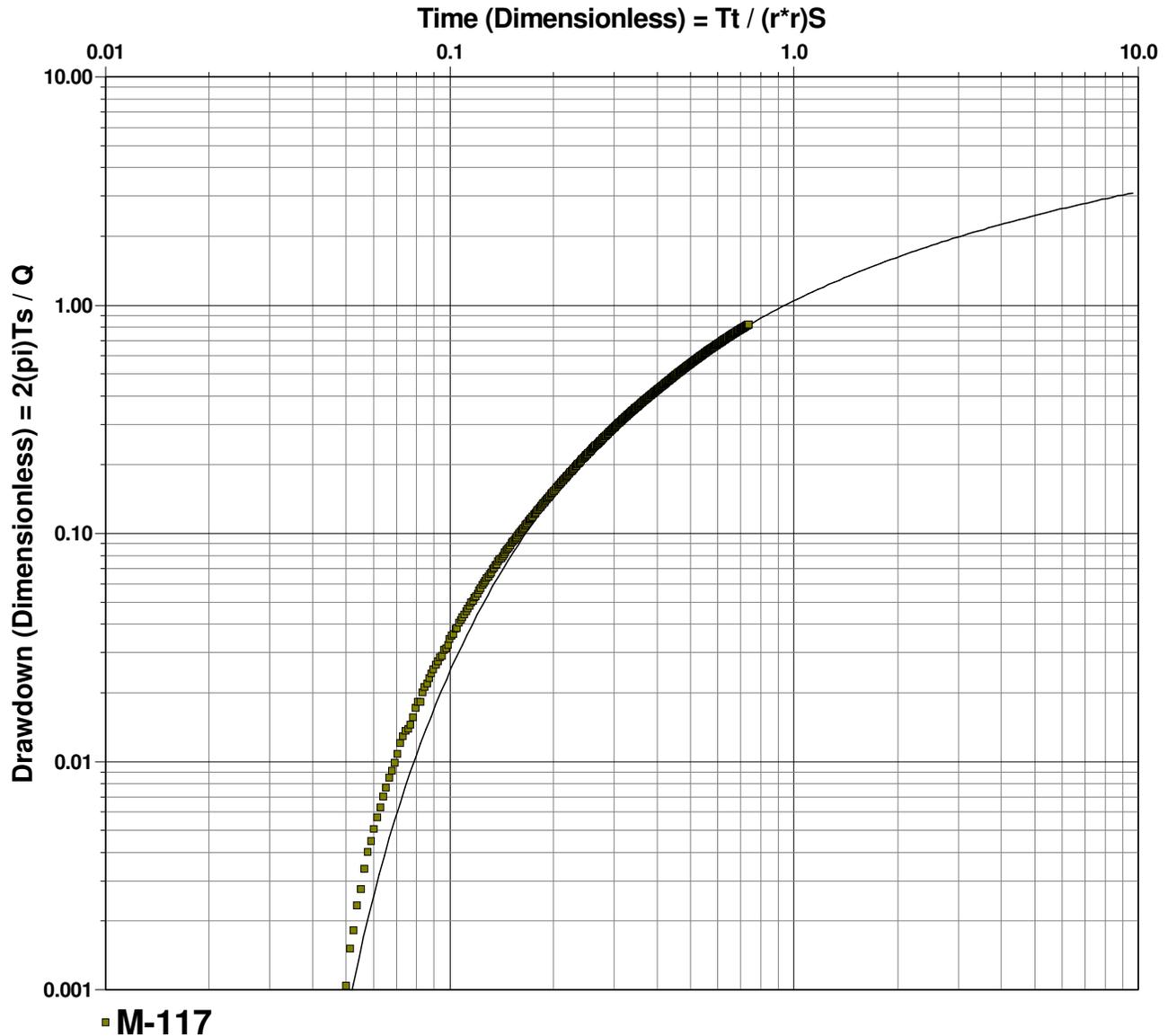
M-117 Theis

Analysis Date: 12/12/2008

Aquifer Thickness: 120.00 ft

Discharge Rate: 70.9 [U.S. gal/min]

Analysis:



Calculation after Theis

Observation Well	Transmissivity [ft <sup>2</sup> /d]	Hydraulic Conductivity [ft/d]	Storage coefficient	Radial Distance to PW [ft]
M-117	$5.67 \times 10^1$	$4.73 \times 10^{-1}$	$5.81 \times 10^{-5}$	1626.85



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**Pumping Test Analysis Report**

Project: Lost Creek MU1 Pump Test, PW-102

Number:

Client: UR Energy

Location: Lost Creek Mine Unit 1

Pumping Test: PW-102 Test, North Side of Fault

Pumping Well: PW-102

Test Conducted by: KRS/AAP

Test Date: 11/18/2008

Analysis Performed by: KRS/AAP

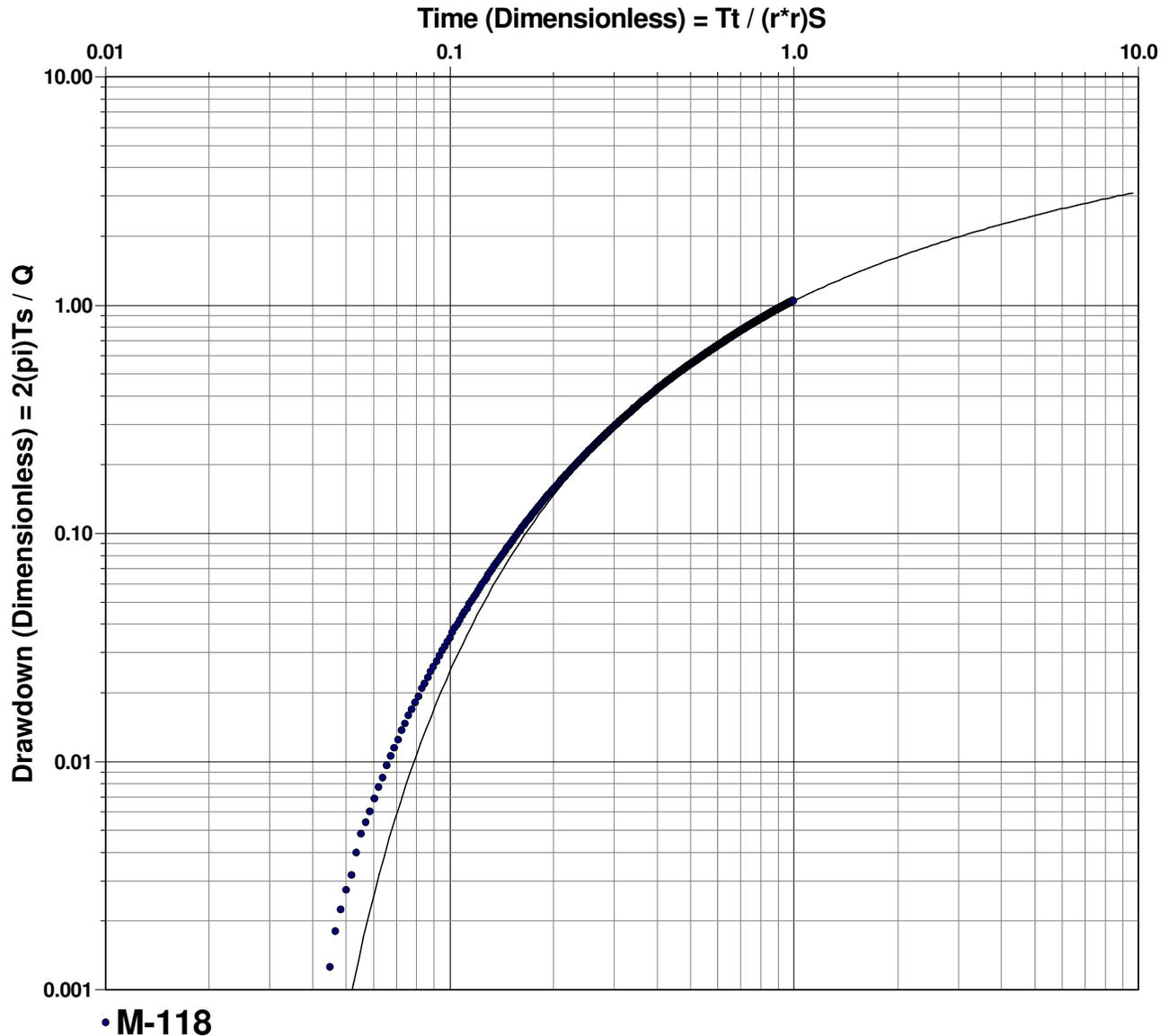
M-118 Theis

Analysis Date: 12/12/2008

Aquifer Thickness: 120.00 ft

Discharge Rate: 70.9 [U.S. gal/min]

Analysis:



Calculation after Theis

Observation Well	Transmissivity [ft <sup>2</sup> /d]	Hydraulic Conductivity [ft/d]	Storage coefficient	Radial Distance to PW [ft]
M-118	$5.96 \times 10^1$	$4.97 \times 10^{-1}$	$9.09 \times 10^{-5}$	1149.3



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Project: Lost Creek MU1 Pump Test, PW-102

Number:

Client: UR Energy

Location: Lost Creek Mine Unit 1

Pumping Test: PW-102 Test, North Side of Fault

Pumping Well: PW-102

Test Conducted by: KRS/AAP

Test Date: 11/18/2008

Analysis Performed by: KRS/AAP

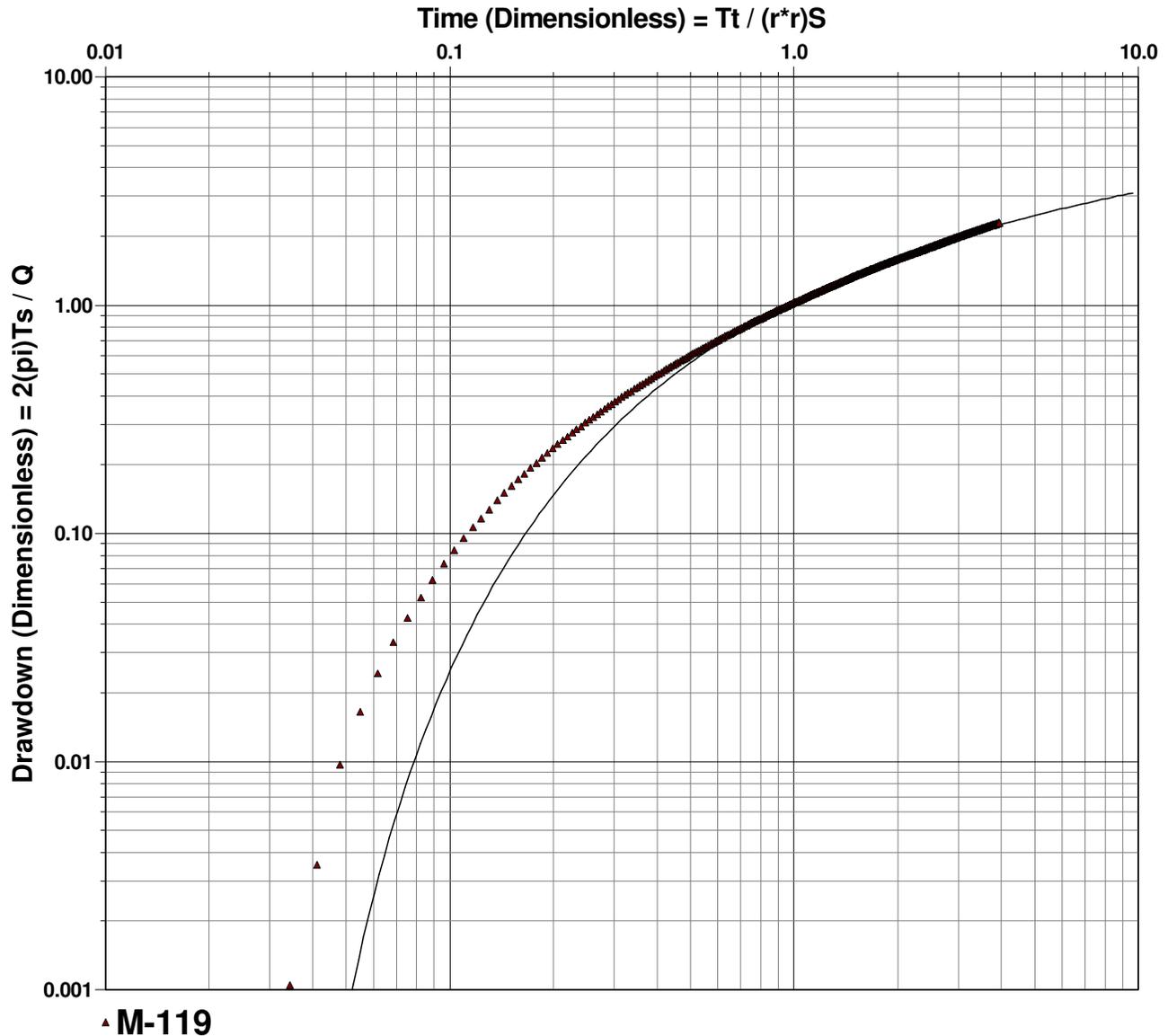
M-119 Theis

Analysis Date: 12/12/2008

Aquifer Thickness: 120.00 ft

Discharge Rate: 70.9 [U.S. gal/min]

Analysis:



Calculation after Theis

Observation Well	Transmissivity [ft <sup>2</sup> /d]	Hydraulic Conductivity [ft/d]	Storage coefficient	Radial Distance to PW [ft]
M-119	$8.15 \times 10^1$	$6.79 \times 10^{-1}$	$6.67 \times 10^{-5}$	786.34



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**Pumping Test Analysis Report**

Project: Lost Creek MU1 Pump Test, PW-102

Number:

Client: UR Energy

Location: Lost Creek Mine Unit 1

Pumping Test: PW-102 Test, North Side of Fault

Pumping Well: PW-102

Test Conducted by: KRS/AAP

Test Date: 11/18/2008

Analysis Performed by: KRS/AAP

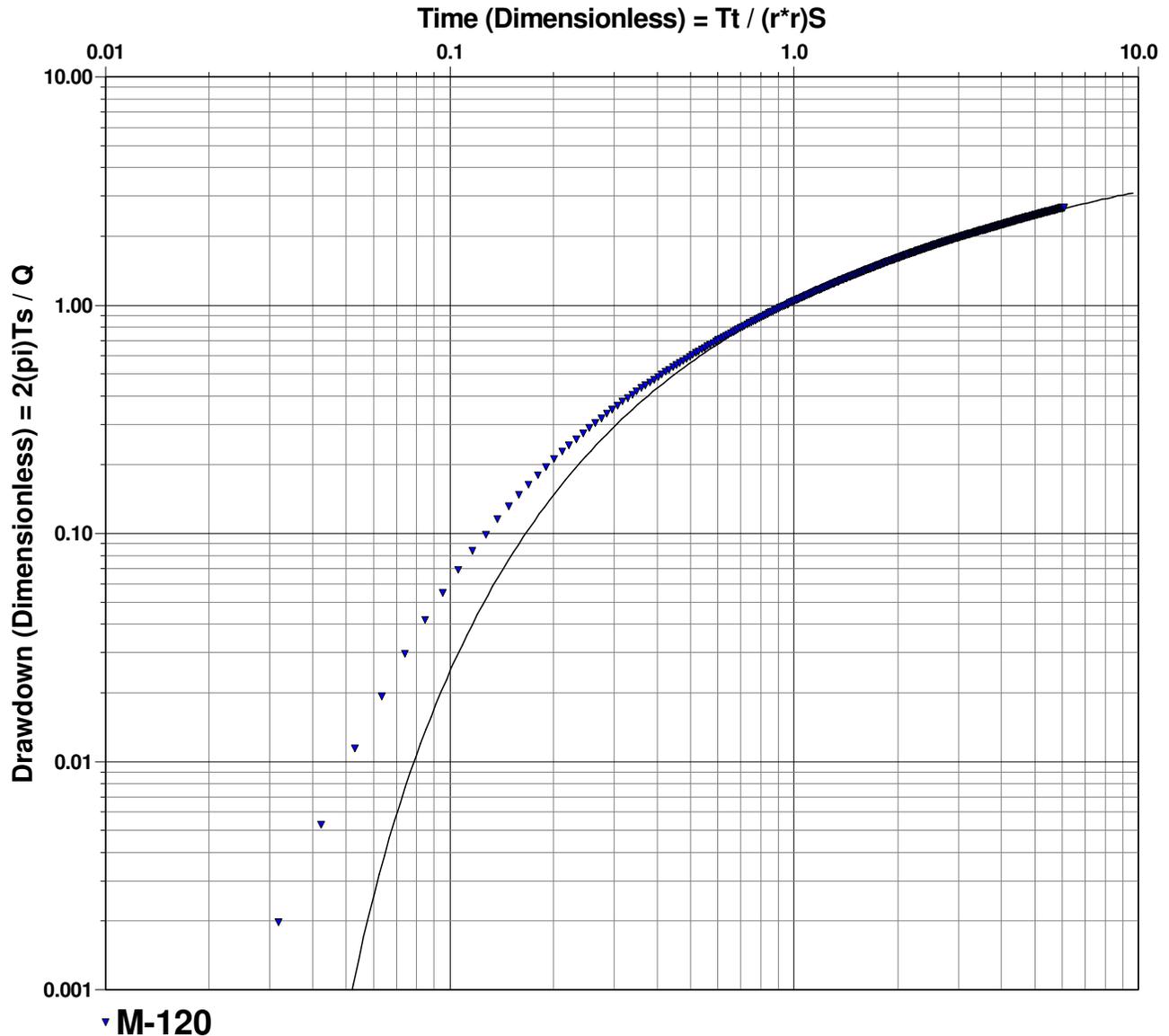
M-120 Theis

Analysis Date: 12/12/2008

Aquifer Thickness: 120.00 ft

Discharge Rate: 70.9 [U.S. gal/min]

Analysis:



Calculation after Theis

Observation Well	Transmissivity [ft <sup>2</sup> /d]	Hydraulic Conductivity [ft/d]	Storage coefficient	Radial Distance to PW [ft]
M-120	$7.98 \times 10^1$	$6.65 \times 10^{-1}$	$6.77 \times 10^{-5}$	621.91



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**Pumping Test Analysis Report**

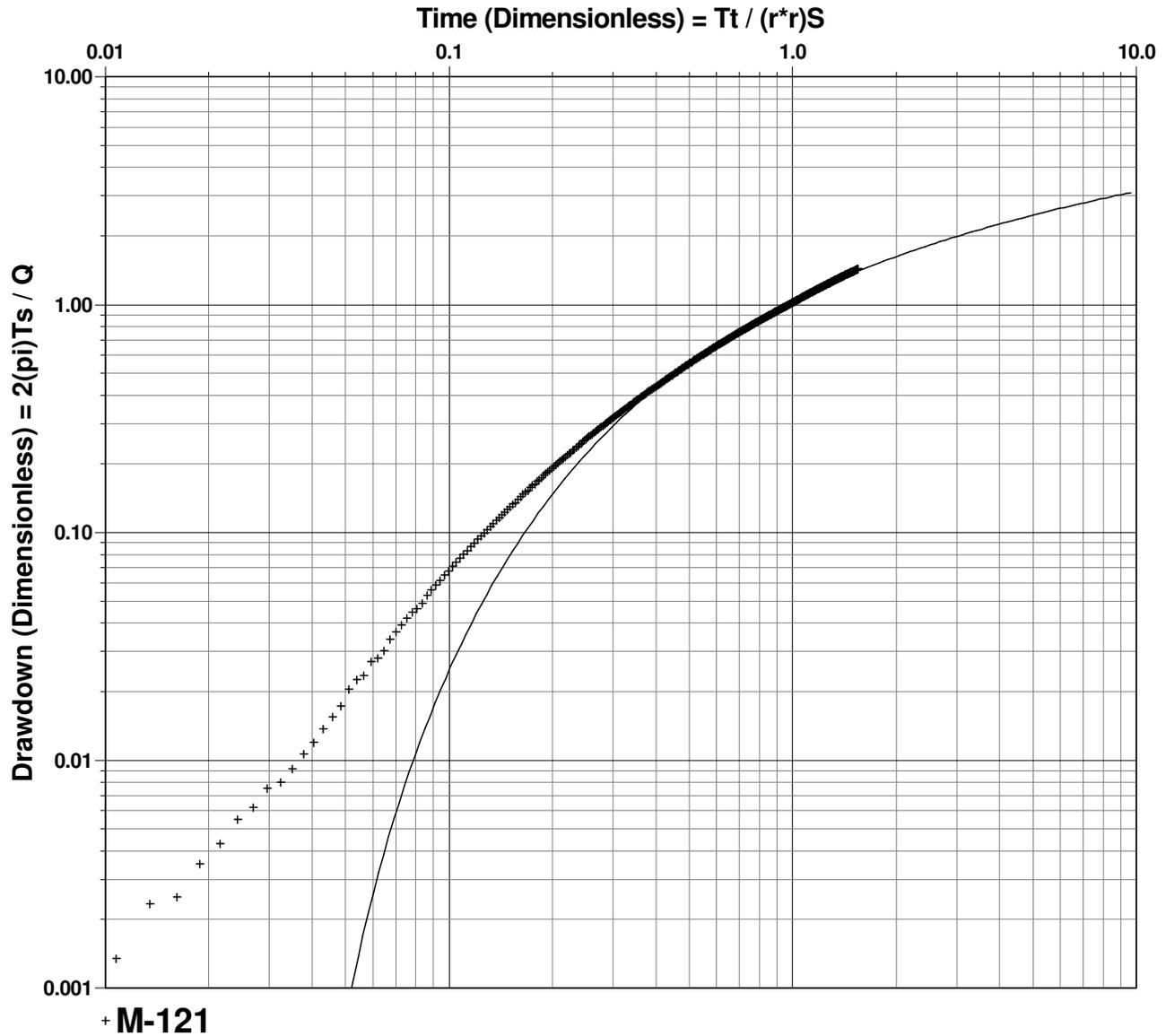
Project: Lost Creek MU1 Pump Test, PW-102

Number:

Client: UR Energy

Location: Lost Creek Mine Unit 1	Pumping Test: PW-102 Test, North Side of Fault	Pumping Well: PW-102
Test Conducted by: KRS/AAP		Test Date: 11/18/2008
Analysis Performed by: KRS/AAP	M-121 Theis	Analysis Date: 12/12/2008
Aquifer Thickness: 120.00 ft	Discharge Rate: 70.9 [U.S. gal/min]	

Analysis:



Calculation after Theis

Observation Well	Transmissivity [ft <sup>2</sup> /d]	Hydraulic Conductivity [ft/d]	Storage coefficient	Radial Distance to PW [ft]
M-121	$9.77 \times 10^1$	$8.14 \times 10^{-1}$	$1.95 \times 10^{-4}$	803.85



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**Pumping Test Analysis Report**

Project: Lost Creek MU1 Pump Test, PW-102

Number:

Client: UR Energy

Location: Lost Creek Mine Unit 1

Pumping Test: PW-102 Test, North Side of Fault

Pumping Well: PW-102

Test Conducted by: KRS/AAP

Test Date: 11/18/2008

Analysis Performed by: KRS/AAP

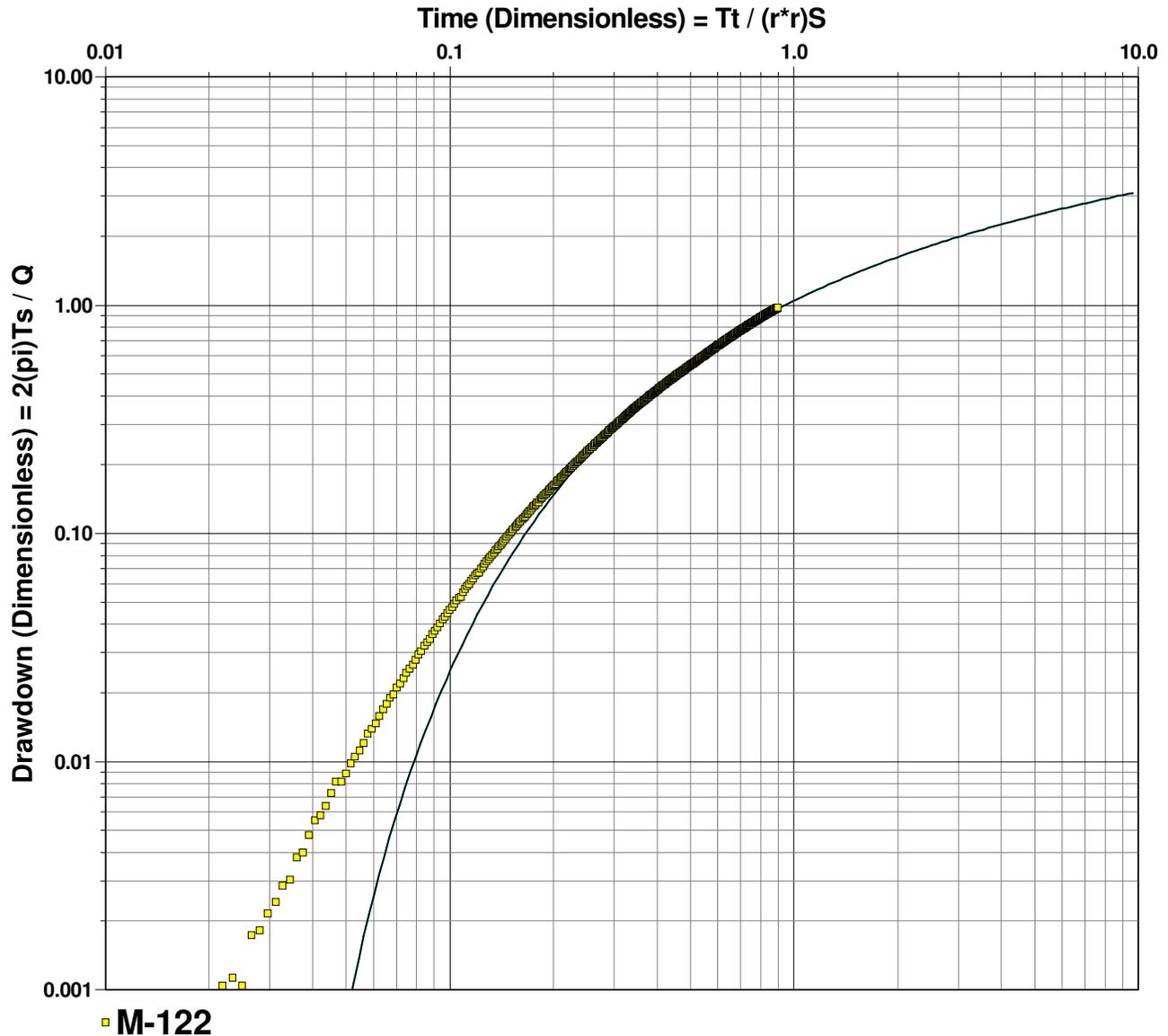
M-122 Theis

Analysis Date: 12/12/2008

Aquifer Thickness: 120.00 ft

Discharge Rate: 70.9 [U.S. gal/min]

Analysis:



Calculation after Theis

Observation Well	Transmissivity [ft <sup>2</sup> /d]	Hydraulic Conductivity [ft/d]	Storage coefficient	Radial Distance to PW [ft]
M-122	$9.42 \times 10^1$	$7.85 \times 10^{-1}$	$1.60 \times 10^{-4}$	1144.95



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**Pumping Test Analysis Report**

Project: Lost Creek MU1 Pump Test, PW-102

Number:

Client: UR Energy

Location: Lost Creek Mine Unit 1

Pumping Test: PW-102 Test, North Side of Fault

Pumping Well: PW-102

Test Conducted by: KRS/AAP

Test Date: 11/18/2008

Analysis Performed by: KRS/AAP

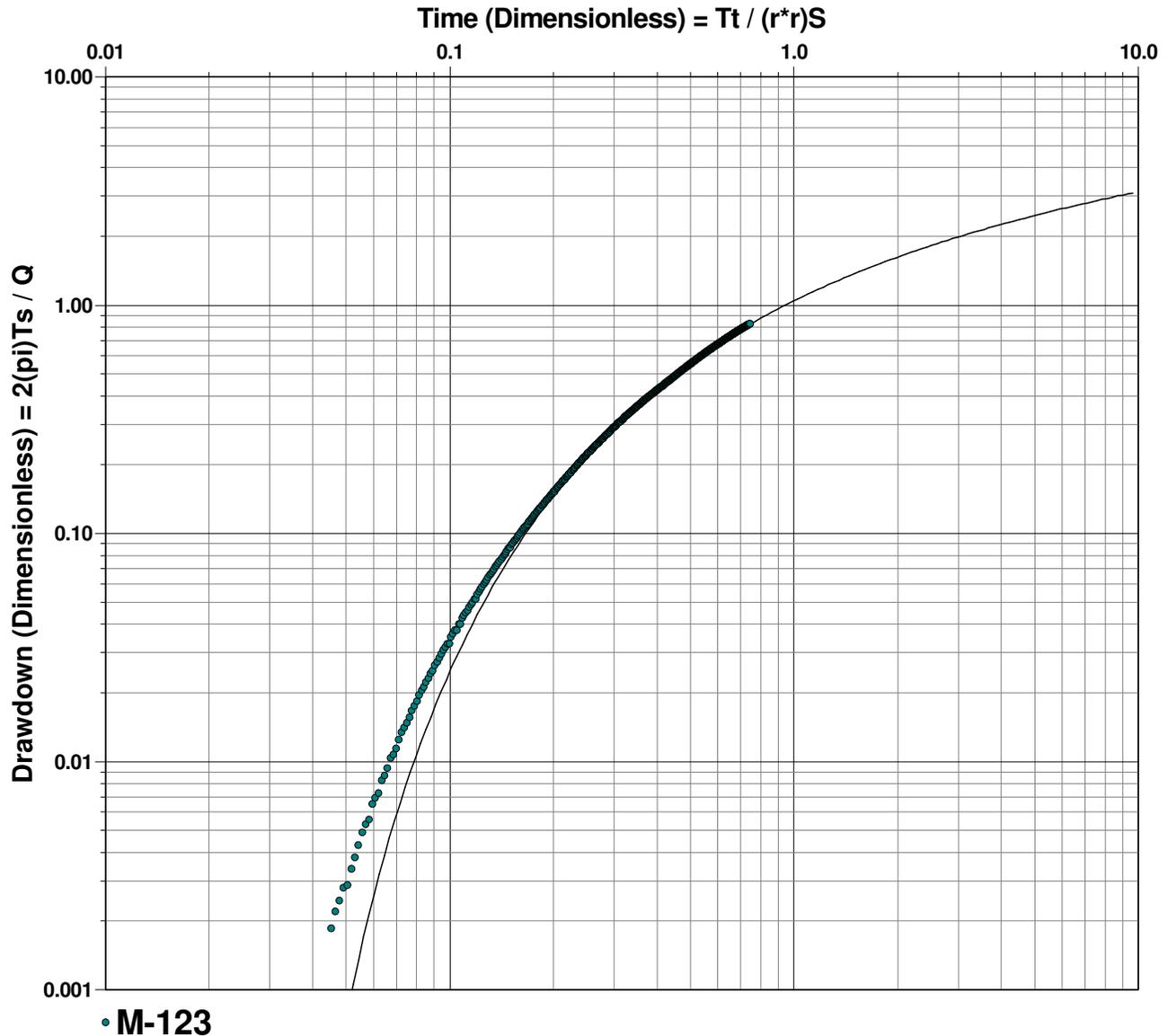
M-123 Theis

Analysis Date: 12/12/2008

Aquifer Thickness: 120.00 ft

Discharge Rate: 70.9 [U.S. gal/min]

Analysis:



Calculation after Theis

Observation Well	Transmissivity [ft <sup>2</sup> /d]	Hydraulic Conductivity [ft/d]	Storage coefficient	Radial Distance to PW [ft]
M-123	$9.20 \times 10^1$	$7.66 \times 10^{-1}$	$1.11 \times 10^{-4}$	1492.27



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**Pumping Test Analysis Report**

Project: Lost Creek MU1 Pump Test, PW-102

Number:

Client: UR Energy

Location: Lost Creek Mine Unit 1

Pumping Test: PW-102 Test, North Side of Fault

Pumping Well: PW-102

Test Conducted by: KRS/AAP

Test Date: 11/18/2008

Analysis Performed by: KRS/AAP

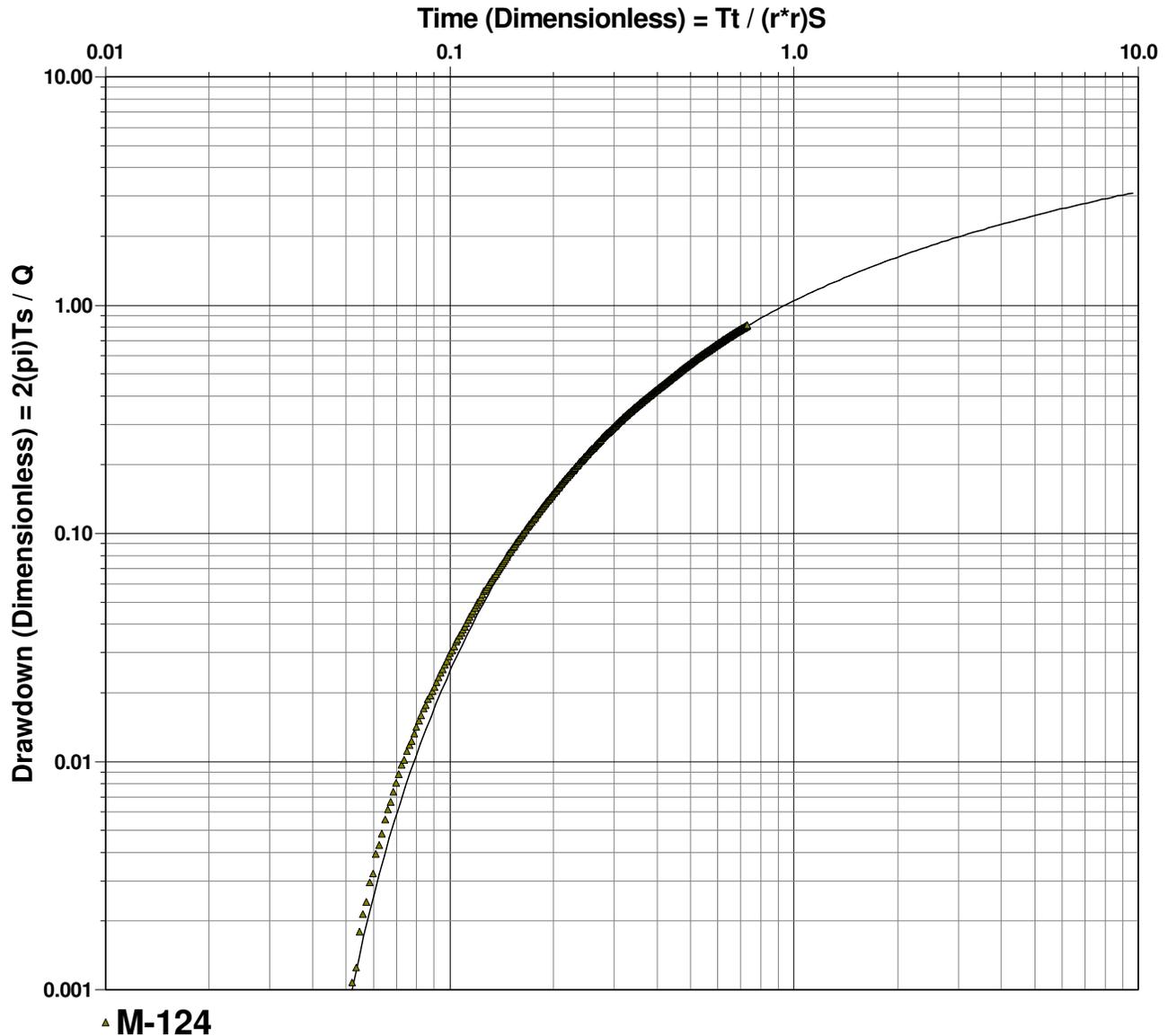
M-124 Theis

Analysis Date: 12/12/2008

Aquifer Thickness: 120.00 ft

Discharge Rate: 70.9 [U.S. gal/min]

Analysis:



Calculation after Theis

Observation Well	Transmissivity [ft <sup>2</sup> /d]	Hydraulic Conductivity [ft/d]	Storage coefficient	Radial Distance to PW [ft]
M-124	$9.75 \times 10^1$	$8.12 \times 10^{-1}$	$8.29 \times 10^{-5}$	1793.08



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**Pumping Test Analysis Report**

Project: Lost Creek MU1 Pump Test, PW-102

Number:

Client: UR Energy

Location: Lost Creek Mine Unit 1

Pumping Test: PW-102 Test, North Side of Fault

Pumping Well: PW-102

Test Conducted by: KRS/AAP

Test Date: 11/18/2008

Analysis Performed by: KRS/AAP

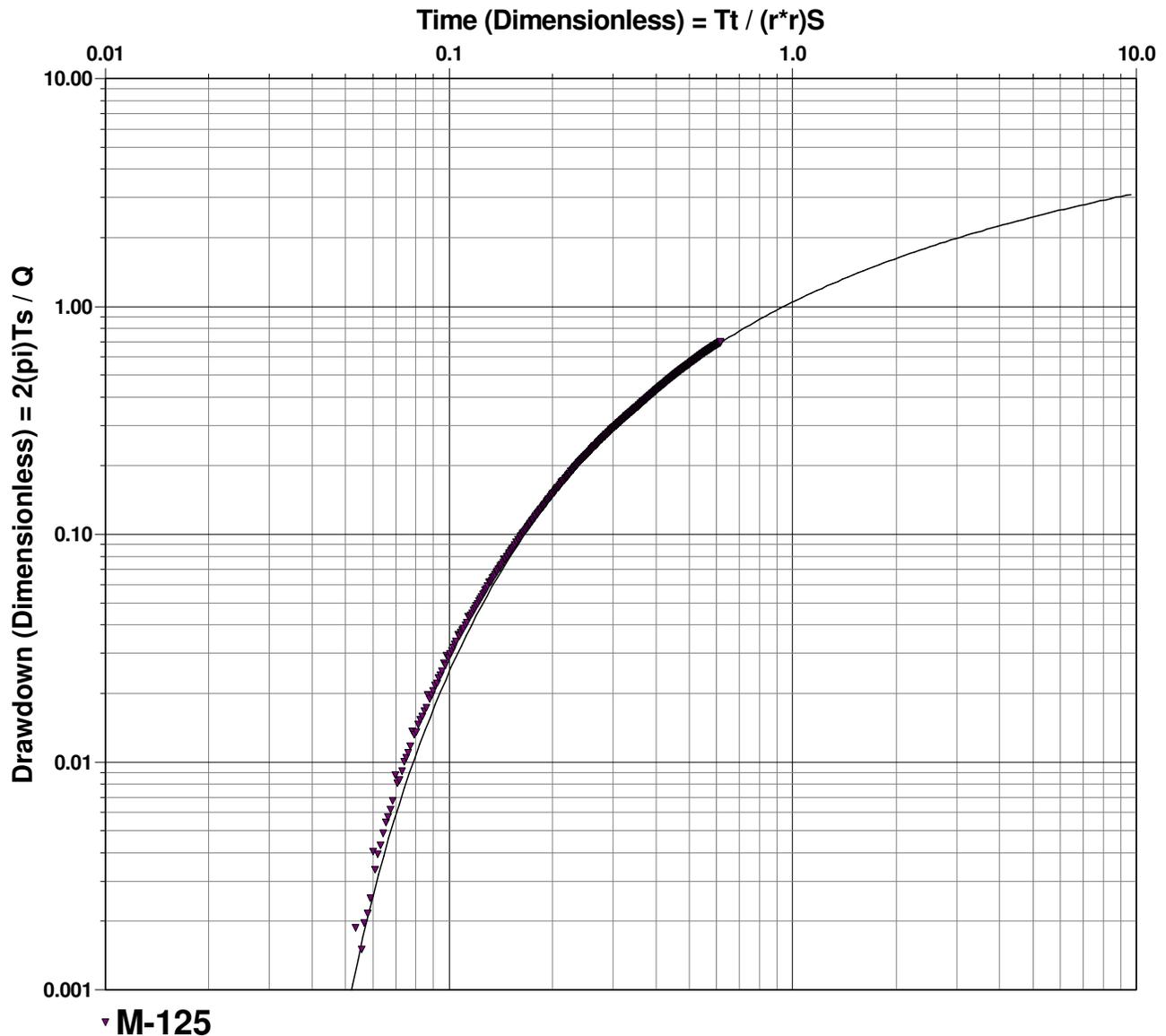
M-125 Theis

Analysis Date: 12/12/2008

Aquifer Thickness: 120.00 ft

Discharge Rate: 70.9 [U.S. gal/min]

Analysis:



Calculation after Theis

Observation Well	Transmissivity [ft <sup>2</sup> /d]	Hydraulic Conductivity [ft/d]	Storage coefficient	Radial Distance to PW [ft]
M-125	$1.02 \times 10^2$	$8.50 \times 10^{-1}$	$7.63 \times 10^{-5}$	2080.75



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**Pumping Test Analysis Report**

Project: Lost Creek MU1 Pump Test, PW-102

Number:

Client: UR Energy

Location: Lost Creek Mine Unit 1

Pumping Test: PW-102 Test, North Side of Fault

Pumping Well: PW-102

Test Conducted by: KRS/AAP

Test Date: 11/18/2008

Analysis Performed by: KRS/AAP

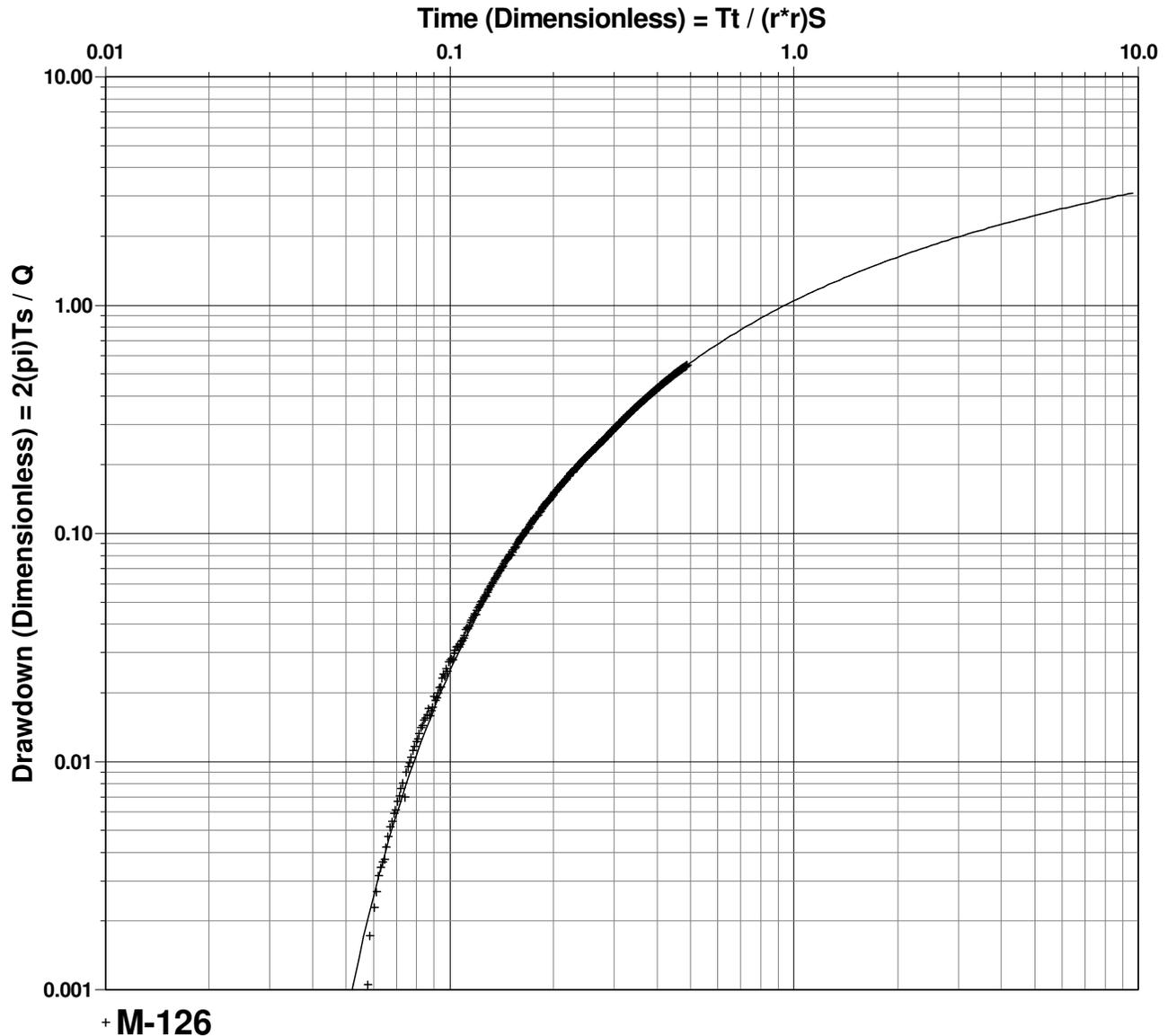
M-126 Theis

Analysis Date: 12/12/2008

Aquifer Thickness: 120.00 ft

Discharge Rate: 70.9 [U.S. gal/min]

Analysis:



Calculation after Theis

Observation Well	Transmissivity [ft <sup>2</sup> /d]	Hydraulic Conductivity [ft/d]	Storage coefficient	Radial Distance to PW [ft]
M-126	$1.04 \times 10^2$	$8.67 \times 10^{-1}$	$6.45 \times 10^{-5}$	2568.87



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**Pumping Test Analysis Report**

Project: Lost Creek MU1 Pump Test, PW-102

Number:

Client: UR Energy

Location: Lost Creek Mine Unit 1

Pumping Test: PW-102 Test, North Side of Fault

Pumping Well: PW-102

Test Conducted by: KRS/AAP

Test Date: 11/18/2008

Analysis Performed by: KRS/AAP

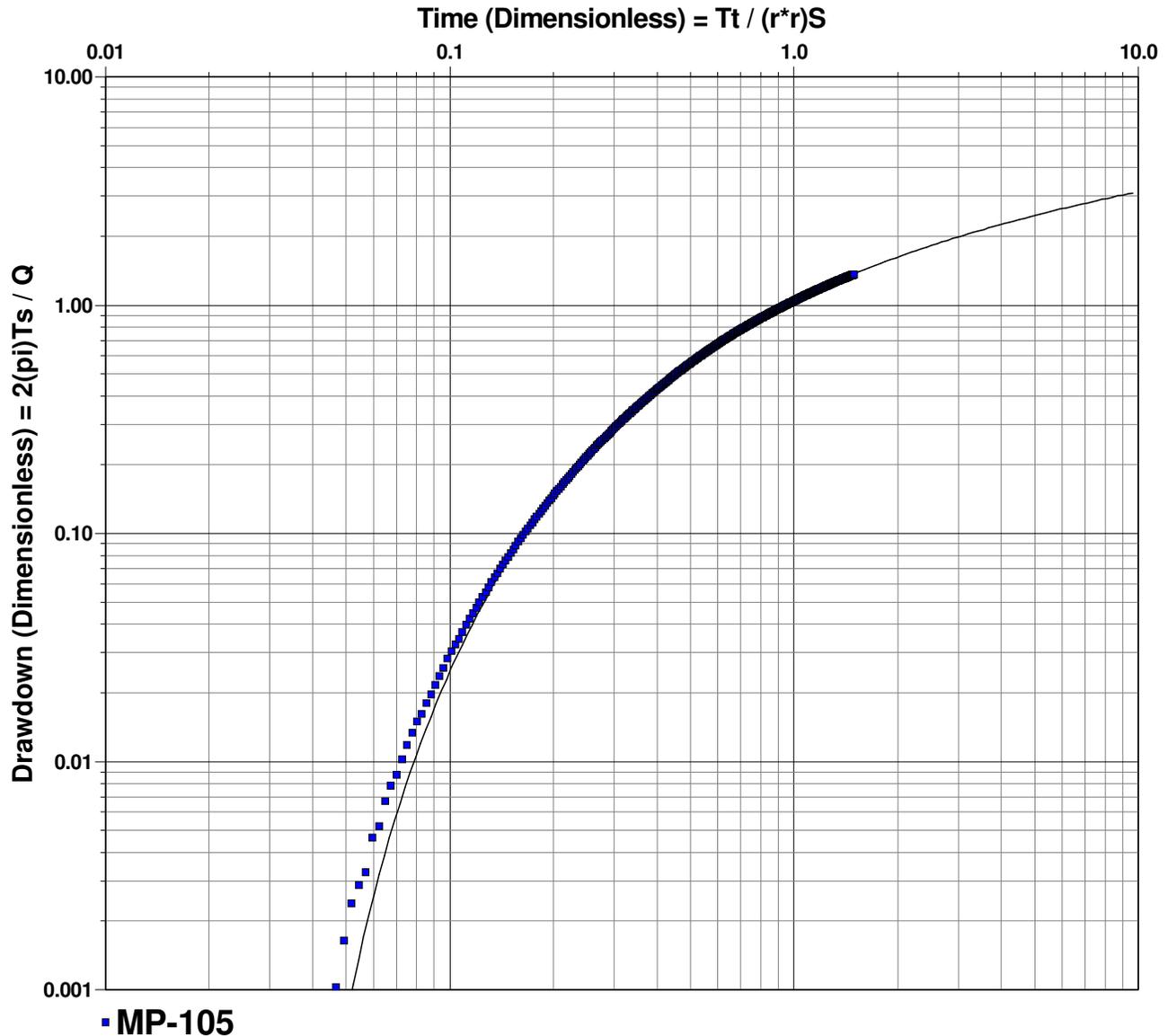
MP-105 Theis

Analysis Date: 12/12/2008

Aquifer Thickness: 120.00 ft

Discharge Rate: 70.9 [U.S. gal/min]

Analysis:



Calculation after Theis

Observation Well	Transmissivity [ft <sup>2</sup> /d]	Hydraulic Conductivity [ft/d]	Storage coefficient	Radial Distance to PW [ft]
MP-105	$7.43 \times 10^1$	$6.19 \times 10^{-1}$	$6.14 \times 10^{-5}$	1273.29



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**Pumping Test Analysis Report**

Project: Lost Creek MU1 Pump Test, PW-102

Number:

Client: UR Energy

Location: Lost Creek Mine Unit 1

Pumping Test: PW-102 Test, North Side of Fault

Pumping Well: PW-102

Test Conducted by: KRS/AAP

Test Date: 11/18/2008

Analysis Performed by: KRS/AAP

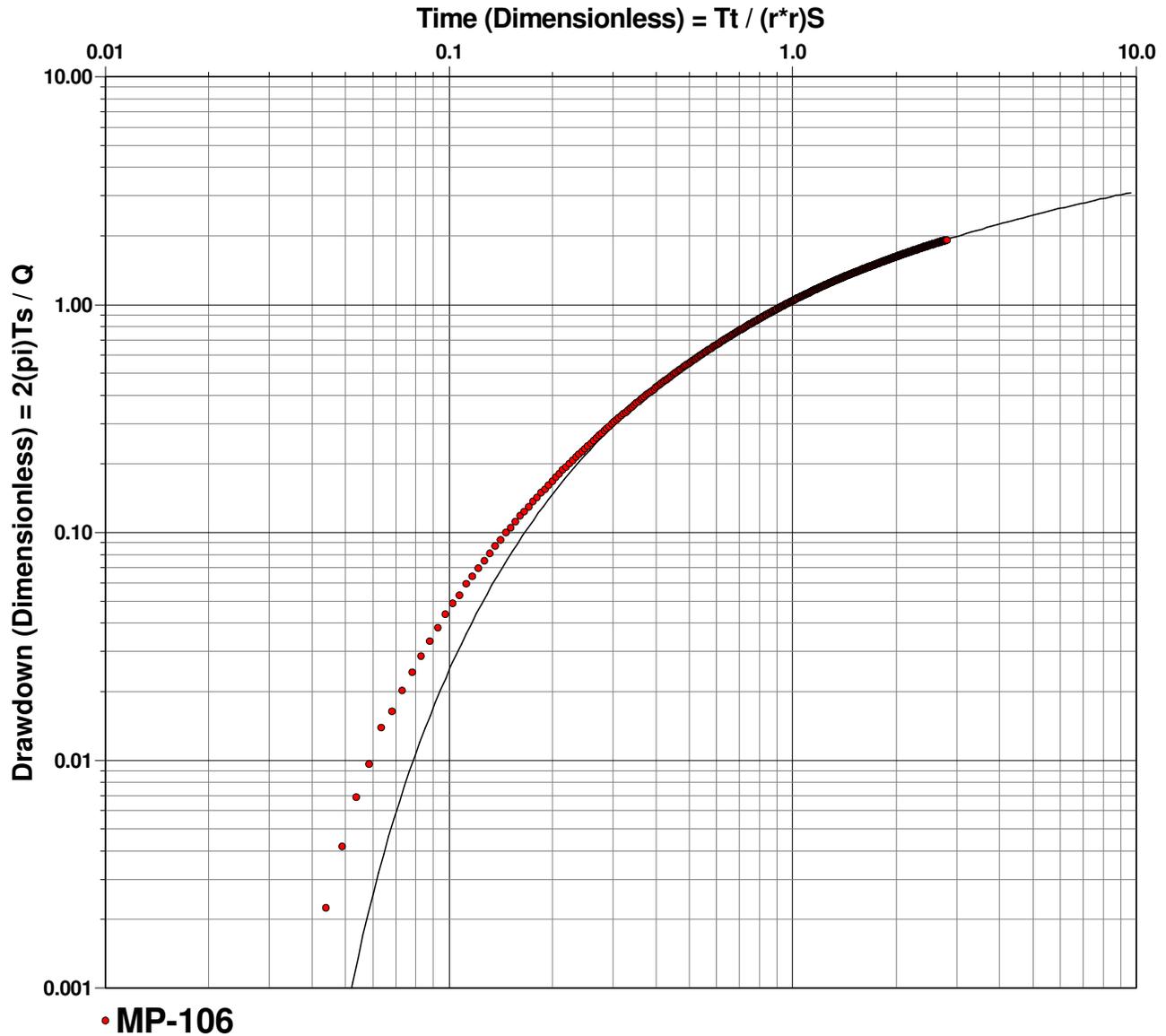
MP-106 Theis

Analysis Date: 12/12/2008

Aquifer Thickness: 120.00 ft

Discharge Rate: 70.9 [U.S. gal/min]

Analysis:



Calculation after Theis

Observation Well	Transmissivity [ft <sup>2</sup> /d]	Hydraulic Conductivity [ft/d]	Storage coefficient	Radial Distance to PW [ft]
MP-106	$6.79 \times 10^1$	$5.66 \times 10^{-1}$	$1.36 \times 10^{-4}$	597.35



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**Pumping Test Analysis Report**

Project: Lost Creek MU1 Pump Test, PW-102

Number:

Client: UR Energy

Location: Lost Creek Mine Unit 1

Pumping Test: PW-102 Test, North Side of Fault

Pumping Well: PW-102

Test Conducted by: KRS/AAP

Test Date: 11/18/2008

Analysis Performed by: KRS/AAP

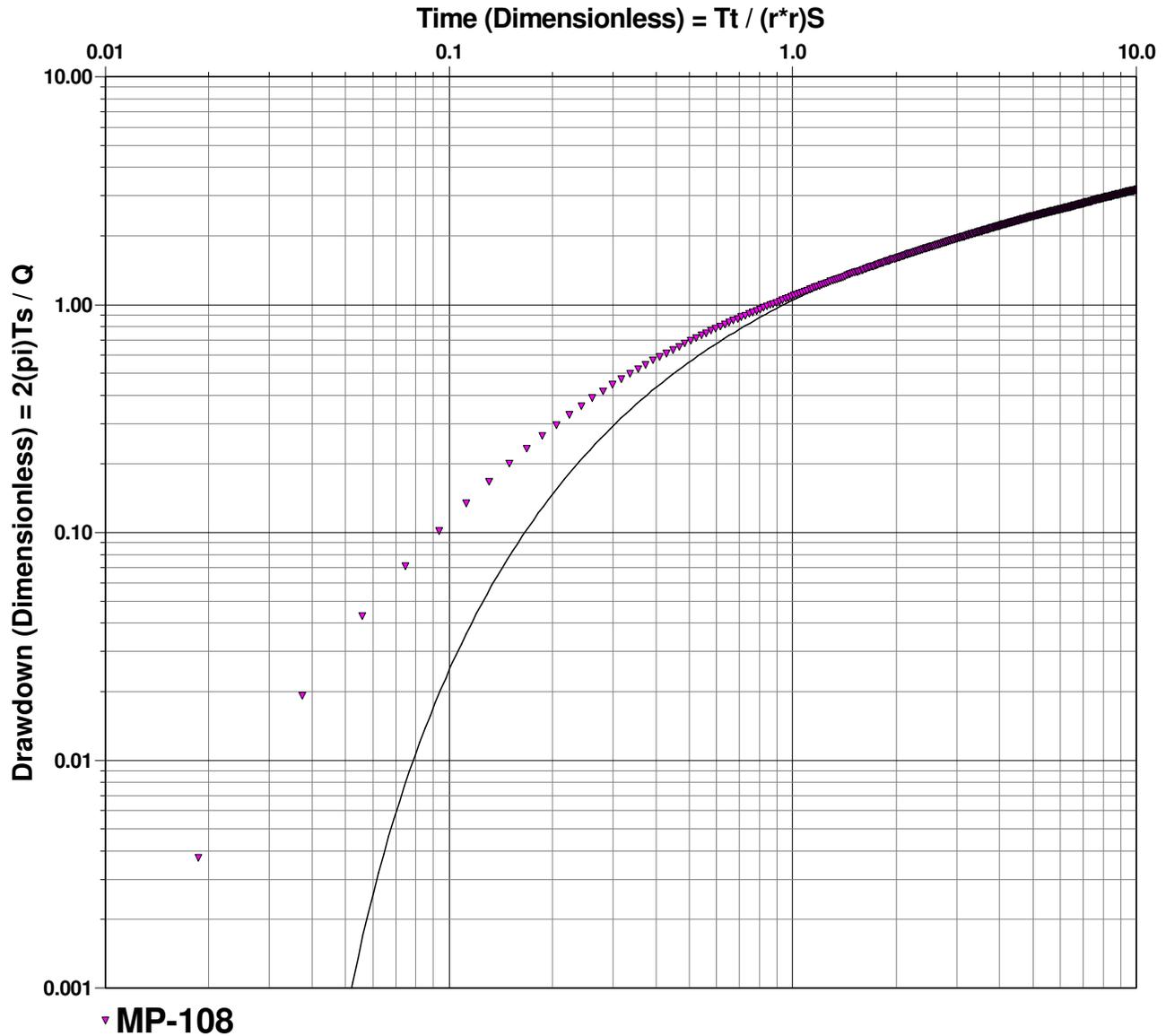
MP-108 Theis

Analysis Date: 12/12/2008

Aquifer Thickness: 120.00 ft

Discharge Rate: 70.9 [U.S. gal/min]

Analysis:



Calculation after Theis

Observation Well	Transmissivity [ft <sup>2</sup> /d]	Hydraulic Conductivity [ft/d]	Storage coefficient	Radial Distance to PW [ft]
MP-108	$8.81 \times 10^1$	$7.34 \times 10^{-1}$	$1.15 \times 10^{-4}$	378.13



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**Pumping Test Analysis Report**

Project: Lost Creek MU1 Pump Test, PW-102

Number:

Client: UR Energy

Location: Lost Creek Mine Unit 1

Pumping Test: PW-102 Test, North Side of Fault

Pumping Well: PW-102

Test Conducted by: KRS/AAP

Test Date: 11/18/2008

Analysis Performed by: KRS/AAP

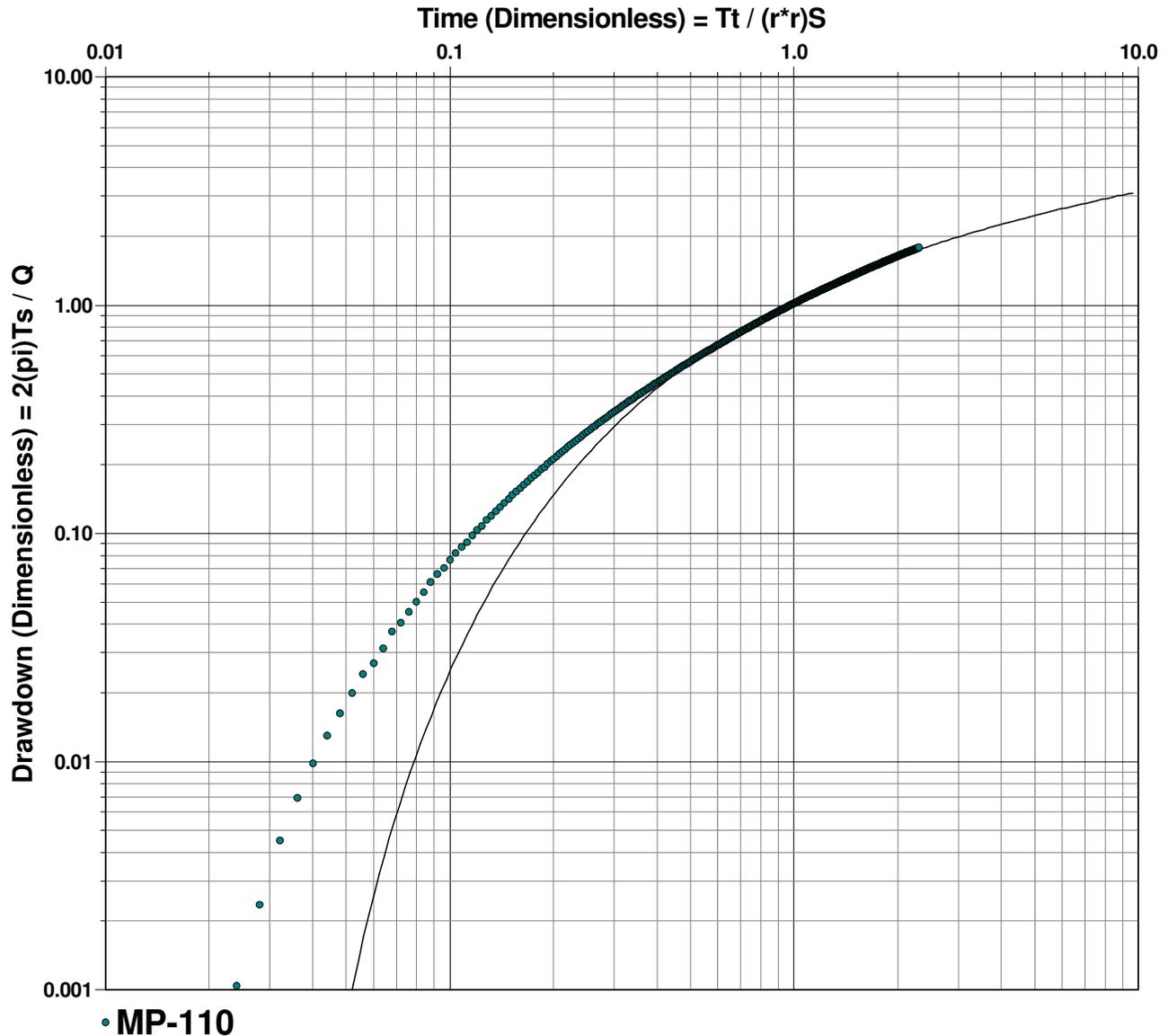
MP-110 Theis

Analysis Date: 12/12/2008

Aquifer Thickness: 120.00 ft

Discharge Rate: 70.9 [U.S. gal/min]

Analysis:



Calculation after Theis

Observation Well	Transmissivity [ft <sup>2</sup> /d]	Hydraulic Conductivity [ft/d]	Storage coefficient	Radial Distance to PW [ft]
MP-110	$7.54 \times 10^1$	$6.28 \times 10^{-1}$	$1.17 \times 10^{-4}$	748.04



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**Pumping Test Analysis Report**

Project: Lost Creek MU1 Pump Test, PW-102

Number:

Client: UR Energy

Location: Lost Creek Mine Unit 1

Pumping Test: PW-102 Test, North Side of Fault

Pumping Well: PW-102

Test Conducted by: KRS/AAP

Test Date: 11/18/2008

Analysis Performed by: KRS/AAP

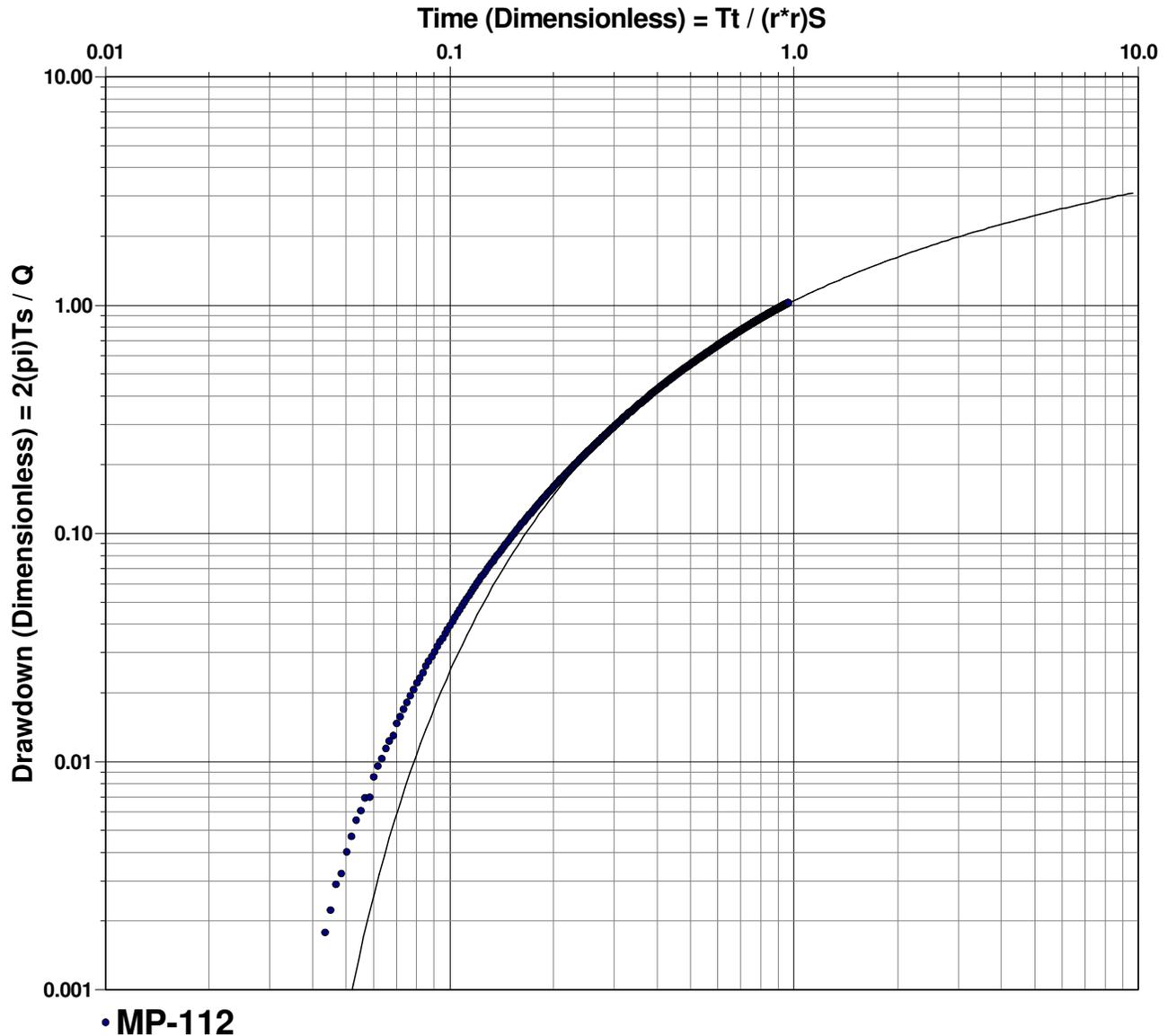
MP-112 Theis

Analysis Date: 12/12/2008

Aquifer Thickness: 120.00 ft

Discharge Rate: 70.9 [U.S. gal/min]

Analysis:



Calculation after Theis

Observation Well	Transmissivity [ft <sup>2</sup> /d]	Hydraulic Conductivity [ft/d]	Storage coefficient	Radial Distance to PW [ft]
MP-112	$6.07 \times 10^1$	$5.06 \times 10^{-1}$	$6.85 \times 10^{-5}$	1357.02



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**Pumping Test Analysis Report**

Project: Lost Creek MU1 Pump Test, PW-102

Number:

Client: UR Energy

Location: Lost Creek Mine Unit 1

Pumping Test: PW-102 Test, North Side of Fault

Pumping Well: PW-102

Test Conducted by: KRS/AAP

Test Date: 11/18/2008

Analysis Performed by: KRS/AAP

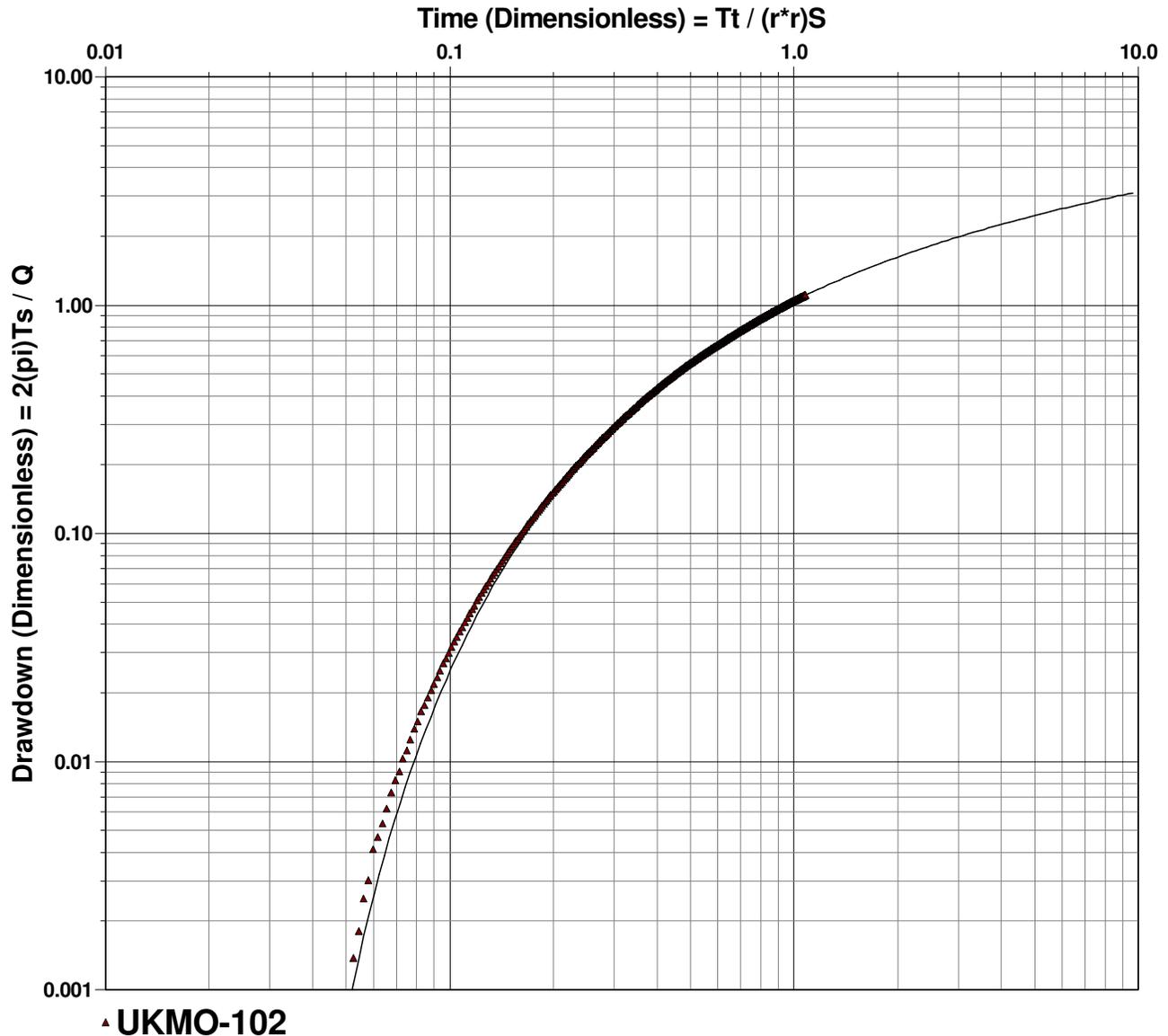
UKMO-102 Theis

Analysis Date: 12/12/2008

Aquifer Thickness: 120.00 ft

Discharge Rate: 70.9 [U.S. gal/min]

Analysis:



Calculation after Theis

Observation Well	Transmissivity [ft <sup>2</sup> /d]	Hydraulic Conductivity [ft/d]	Storage coefficient	Radial Distance to PW [ft]
UKMO-102	$9.38 \times 10^1$	$7.82 \times 10^{-1}$	$6.61 \times 10^{-5}$	1621.85



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**Pumping Test Analysis Report**

Project: Lost Creek MU1 Pump Test, PW-102

Number:

Client: UR Energy

Location: Lost Creek Mine Unit 1

Pumping Test: PW-102 Test, North Side of Fault

Pumping Well: PW-102

Test Conducted by: KRS/AAP

Test Date: 11/18/2008

Analysis Performed by: KRS/AAP

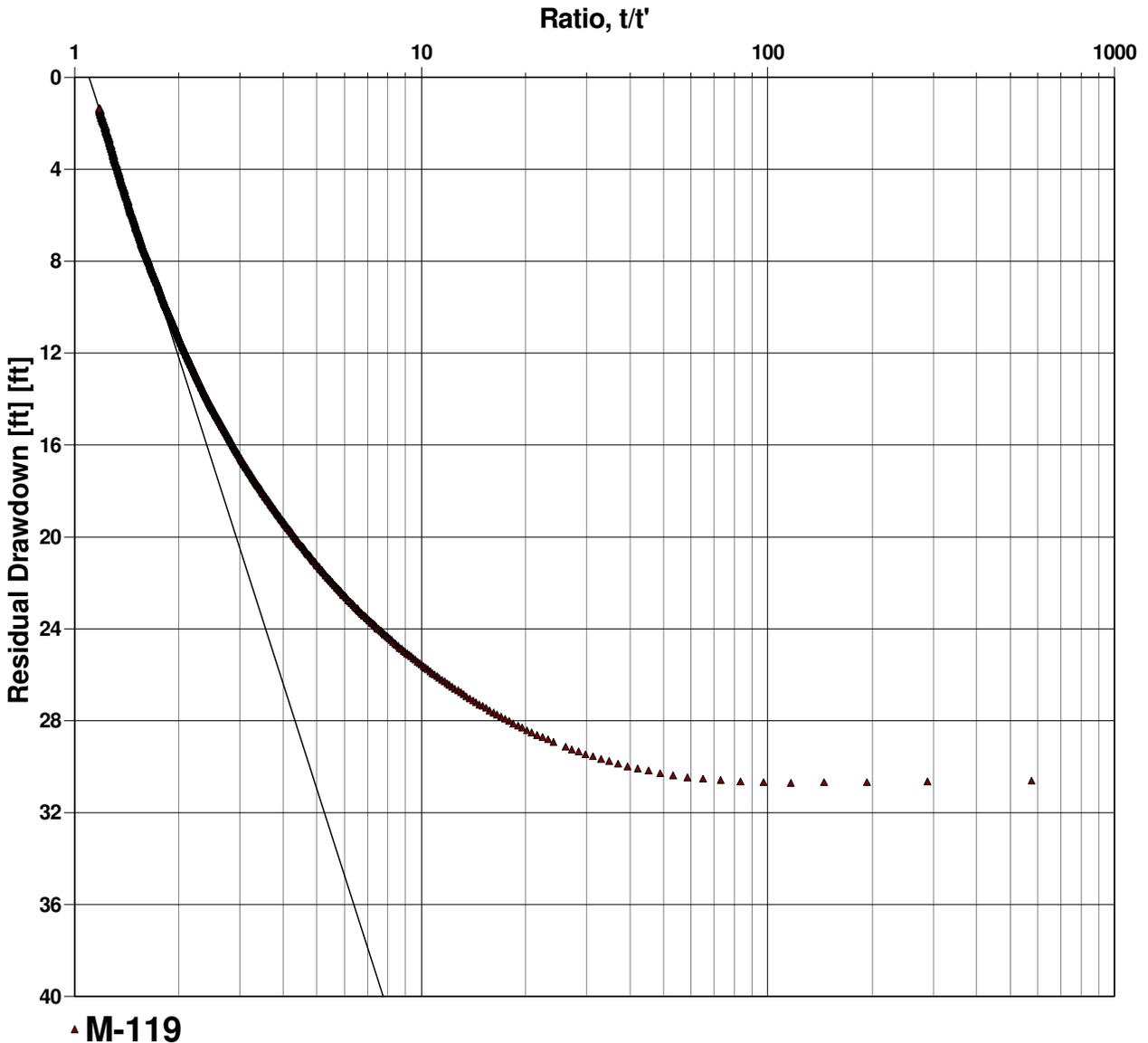
M-119 Theis Recovery

Analysis Date: 1/13/2009

Aquifer Thickness: 120.00 ft

Discharge Rate: 70.9 [U.S. gal/min]

Analysis:



Calculation after Theis & Jacob

Observation Well	Transmissivity [ft <sup>2</sup> /d]	Hydraulic Conductivity [ft/d]	Radial Distance to PW [ft]
M-119	$5.30 \times 10^{-1}$	$4.42 \times 10^{-1}$	786.34



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**Pumping Test Analysis Report**

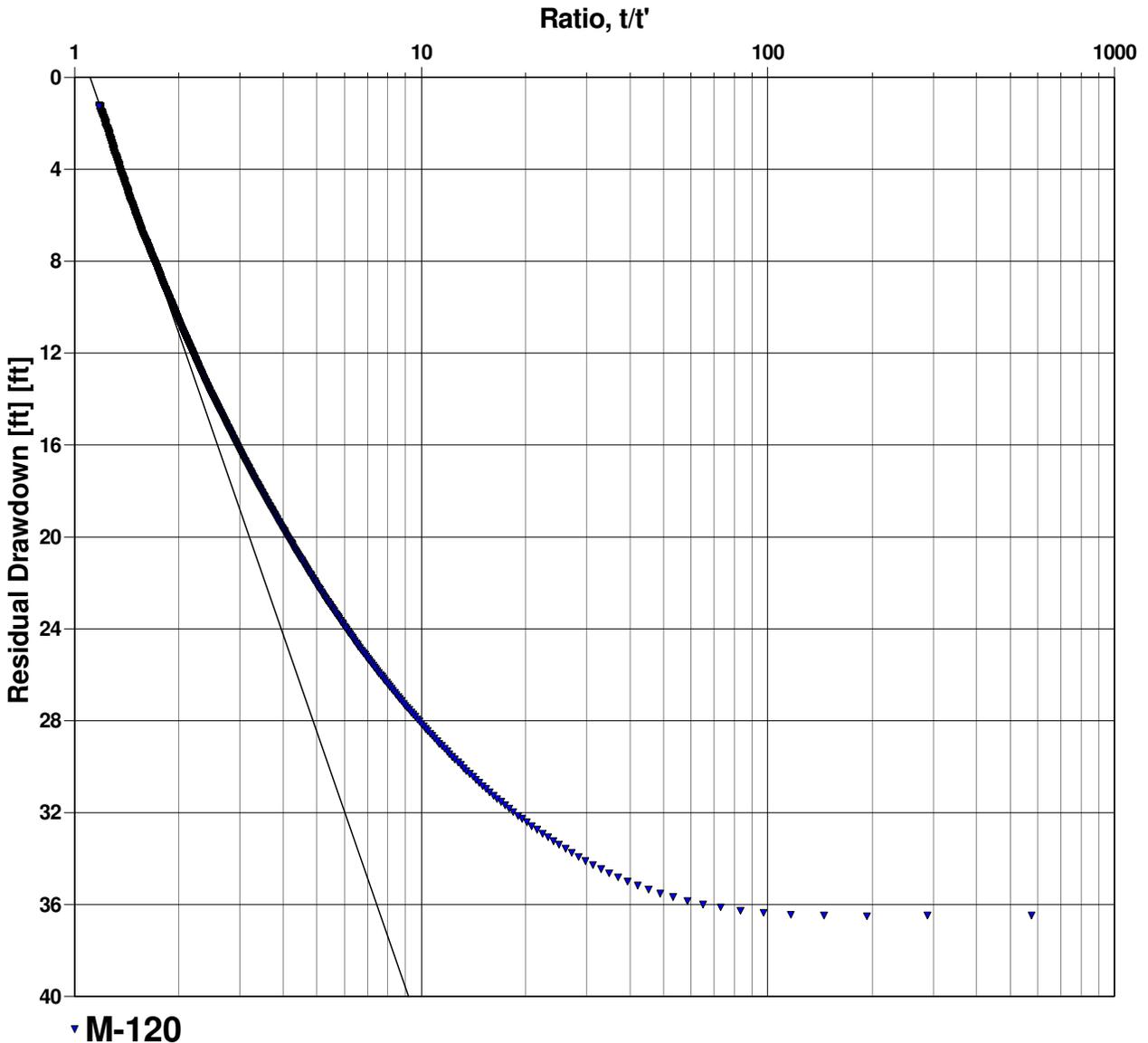
Project: Lost Creek MU1 Pump Test, PW-102

Number:

Client: UR Energy

Location: Lost Creek Mine Unit 1	Pumping Test: PW-102 Test, North Side of Fault	Pumping Well: PW-102
Test Conducted by: KRS/AAP		Test Date: 11/18/2008
Analysis Performed by: KRS/AAP	M-120 Theis Recovery	Analysis Date: 1/13/2009
Aquifer Thickness: 120.00 ft	Discharge Rate: 70.9 [U.S. gal/min]	

Analysis:



Calculation after Theis & Jacob

Observation Well	Transmissivity [ft <sup>2</sup> /d]	Hydraulic Conductivity [ft/d]	Radial Distance to PW [ft]
M-120	$5.74 \times 10^{-1}$	$4.78 \times 10^{-1}$	621.91



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**Pumping Test Analysis Report**

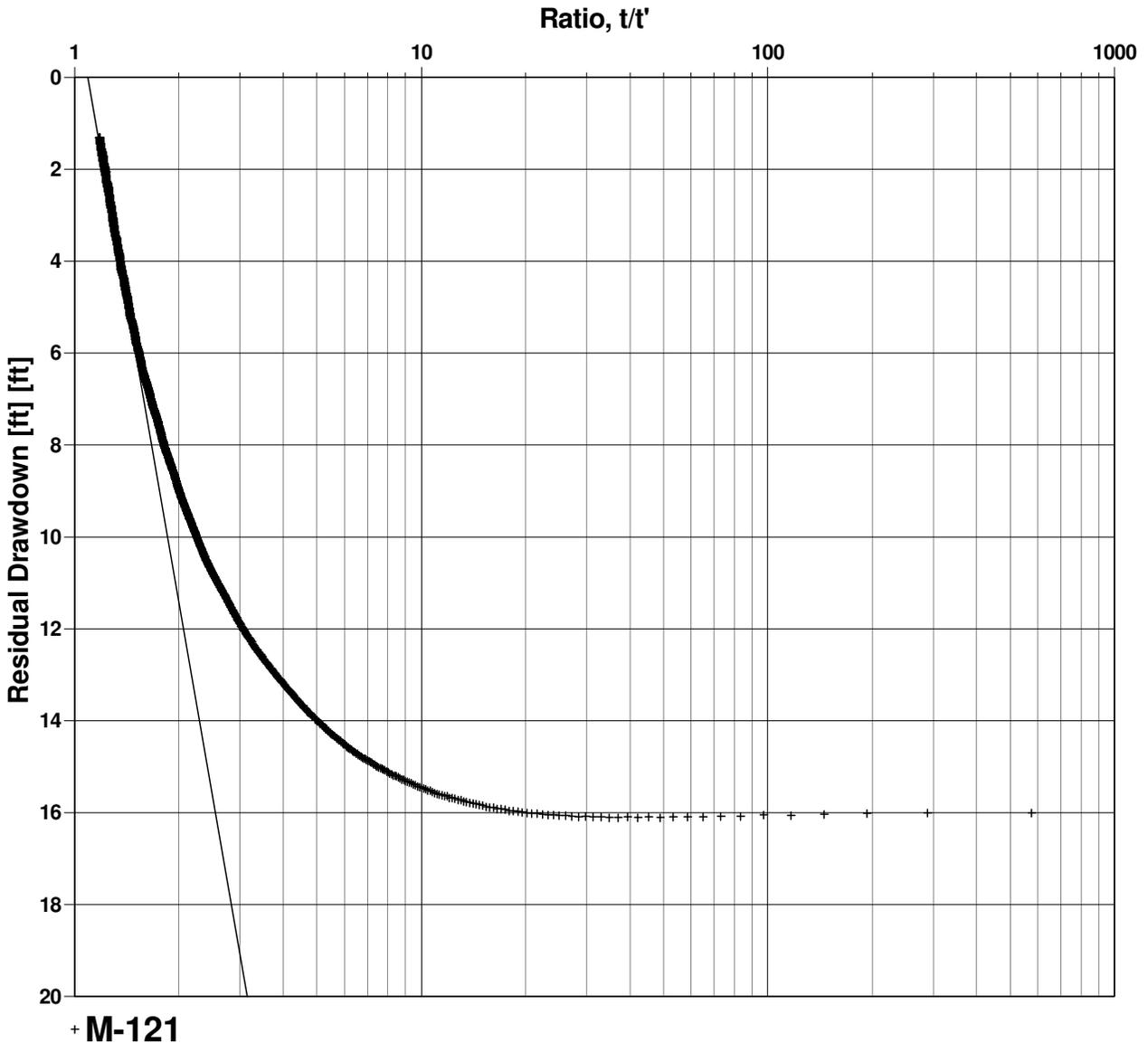
Project: Lost Creek MU1 Pump Test, PW-102

Number:

Client: UR Energy

Location: Lost Creek Mine Unit 1	Pumping Test: PW-102 Test, North Side of Fault	Pumping Well: PW-102
Test Conducted by: KRS/AAP		Test Date: 11/18/2008
Analysis Performed by: KRS/AAP	M-121 Theis Recovery	Analysis Date: 1/13/2009
Aquifer Thickness: 120.00 ft	Discharge Rate: 70.9 [U.S. gal/min]	

Analysis:



Calculation after Theis & Jacob

Observation Well	Transmissivity [ft <sup>2</sup> /d]	Hydraulic Conductivity [ft/d]	Radial Distance to PW [ft]
M-121	$5.75 \times 10^{-1}$	$4.79 \times 10^{-1}$	803.85



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**Pumping Test Analysis Report**

Project: Lost Creek MU1 Pump Test, PW-102

Number:

Client: UR Energy

Location: Lost Creek Mine Unit 1

Pumping Test: PW-102 Test, North Side of Fault

Pumping Well: PW-102

Test Conducted by: KRS/AAP

Test Date: 11/18/2008

Analysis Performed by: KRS/AAP

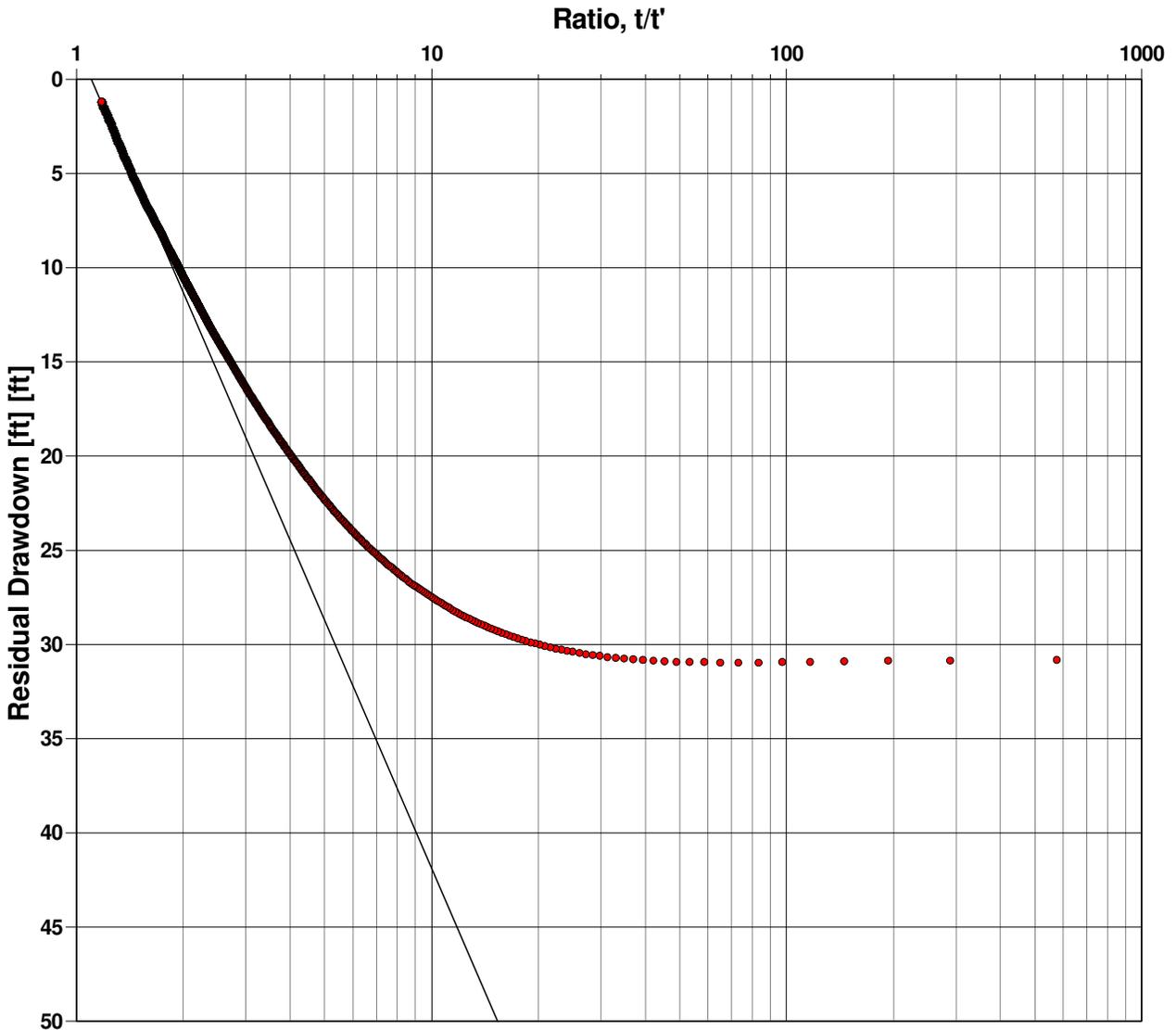
MP-106 Theis Recovery

Analysis Date: 1/13/2009

Aquifer Thickness: 120.00 ft

Discharge Rate: 70.9 [U.S. gal/min]

Analysis:



• MP-106

Calculation after Theis & Jacob

Observation Well	Transmissivity [ft <sup>2</sup> /d]	Hydraulic Conductivity [ft/d]	Radial Distance to PW [ft]
MP-106	$5.72 \times 10^1$	$4.76 \times 10^{-1}$	597.35



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**Pumping Test Analysis Report**

Project: Lost Creek MU1 Pump Test, PW-102

Number:

Client: UR Energy

Location: Lost Creek Mine Unit 1

Pumping Test: PW-102 Test, North Side of Fault

Pumping Well: PW-102

Test Conducted by: KRS/AAP

Test Date: 11/18/2008

Analysis Performed by: KRS/AAP

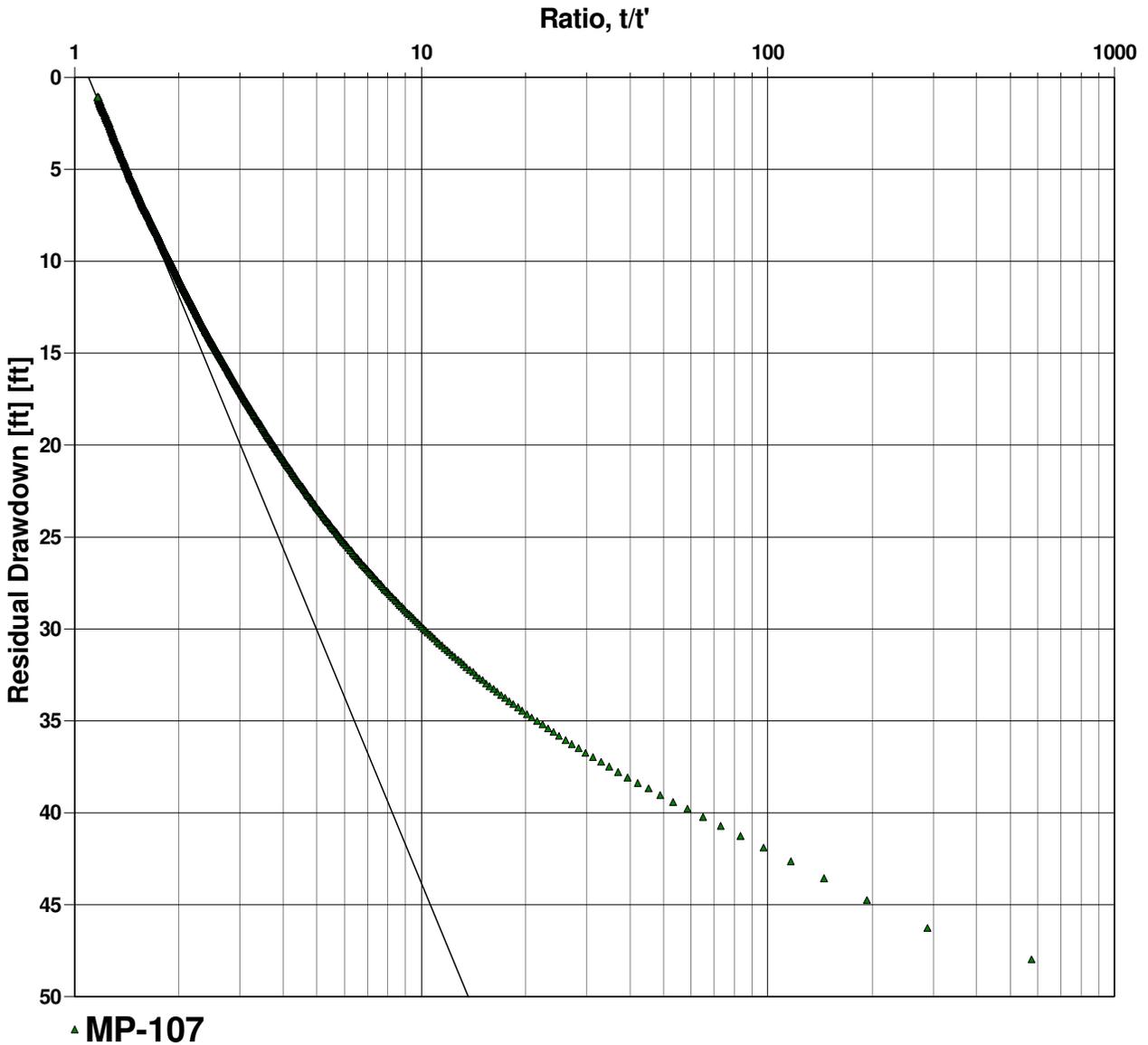
MP-107 Theis Recovery

Analysis Date: 1/13/2009

Aquifer Thickness: 120.00 ft

Discharge Rate: 70.9 [U.S. gal/min]

Analysis:



Calculation after Theis & Jacob

Observation Well	Transmissivity [ft <sup>2</sup> /d]	Hydraulic Conductivity [ft/d]	Radial Distance to PW [ft]
MP-107	$5.47 \times 10^1$	$4.56 \times 10^{-1}$	73.4



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**Pumping Test Analysis Report**

Project: Lost Creek MU1 Pump Test, PW-102

Number:

Client: UR Energy

Location: Lost Creek Mine Unit 1

Pumping Test: PW-102 Test, North Side of Fault

Pumping Well: PW-102

Test Conducted by: KRS/AAP

Test Date: 11/18/2008

Analysis Performed by: KRS/AAP

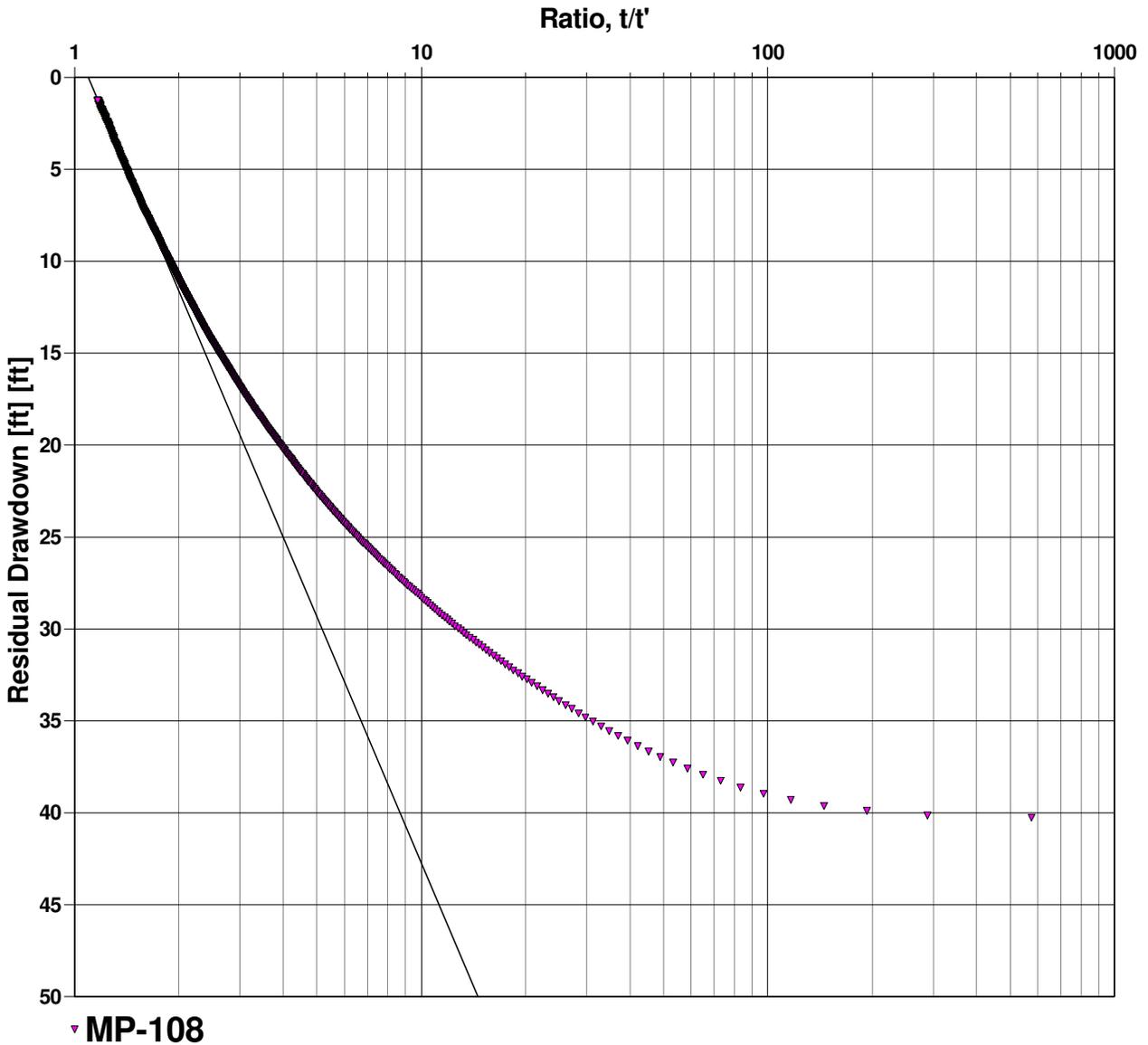
MP-108 Theis Recovery

Analysis Date: 1/13/2009

Aquifer Thickness: 120.00 ft

Discharge Rate: 70.9 [U.S. gal/min]

Analysis:



Calculation after Theis & Jacob

Observation Well	Transmissivity [ft <sup>2</sup> /d]	Hydraulic Conductivity [ft/d]	Radial Distance to PW [ft]
MP-108	$5.62 \times 10^1$	$4.68 \times 10^{-1}$	378.13



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**Pumping Test Analysis Report**

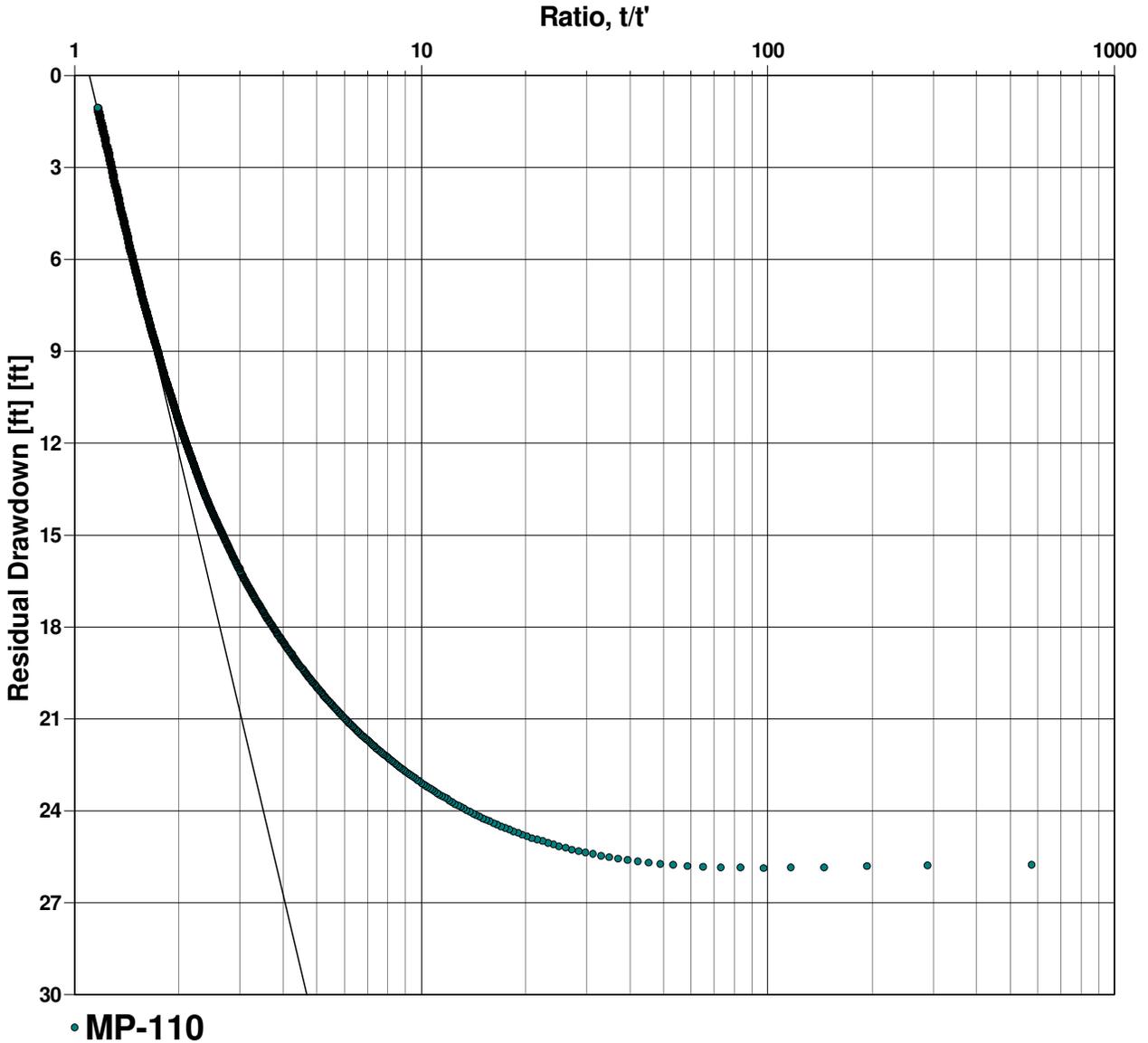
Project: Lost Creek MU1 Pump Test, PW-102

Number:

Client: UR Energy

Location: Lost Creek Mine Unit 1	Pumping Test: PW-102 Test, North Side of Fault	Pumping Well: PW-102
Test Conducted by: KRS/AAP		Test Date: 11/18/2008
Analysis Performed by: KRS/AAP	MP-110 Theis Recovery	Analysis Date: 1/13/2009
Aquifer Thickness: 120.00 ft	Discharge Rate: 70.9 [U.S. gal/min]	

Analysis:



Calculation after Theis & Jacob

Observation Well	Transmissivity [ft <sup>2</sup> /d]	Hydraulic Conductivity [ft/d]	Radial Distance to PW [ft]
MP-110	$5.22 \times 10^1$	$4.35 \times 10^{-1}$	748.04



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**Pumping Test Analysis Report**

Project: Lost Creek MU1 Pump Test, PW-102

Number:

Client: UR Energy

Location: Lost Creek Mine Unit 1

Pumping Test: PW-102 Test, North Side of Fault

Pumping Well: PW-102

Test Conducted by: KRS/AAP

Test Date: 11/18/2008

Analysis Performed by: KRS/AAP

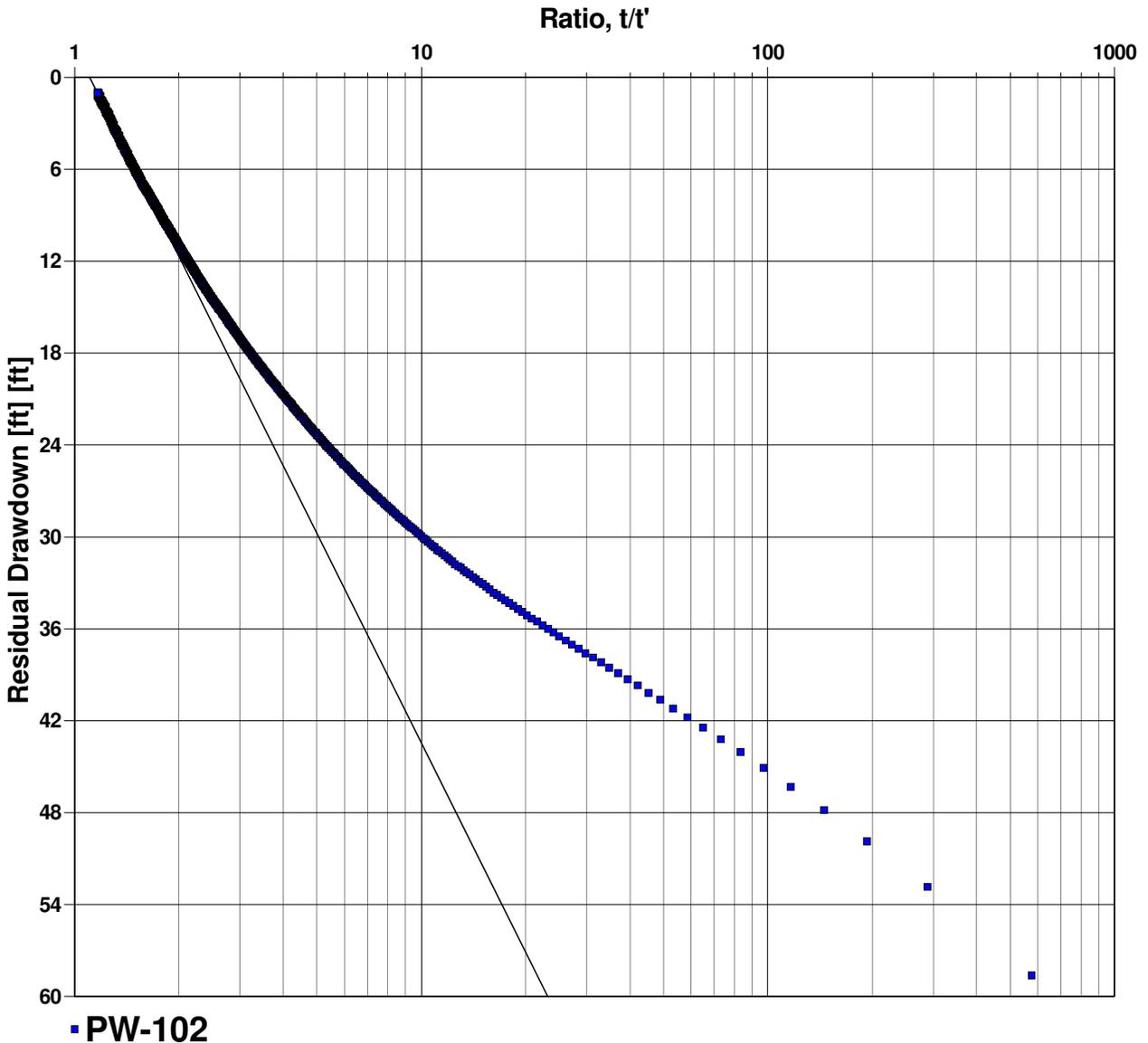
PW-102 Theis Recovery

Analysis Date: 1/13/2009

Aquifer Thickness: 120.00 ft

Discharge Rate: 70.9 [U.S. gal/min]

Analysis:



Calculation after Theis & Jacob

Observation Well	Transmissivity [ft <sup>2</sup> /d]	Hydraulic Conductivity [ft/d]	Radial Distance to PW [ft]
PW-102	$5.50 \times 10^1$	$4.59 \times 10^{-1}$	0.13

APPENDIX D-2  
SOUTH TEST



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**Pumping Test Analysis Report**

Project: Lost Creek MU1 Pump Testing, PW-101

Number:

Client: UR Energy

Location: Lost Creek Mine Unit 1

Pumping Test: PW-101 Test, South Side of Fault

Pumping Well: PW-101

Test Conducted by: KRS/AAP

Test Date: 12/9/2008

Analysis Performed by: AAP/KRS

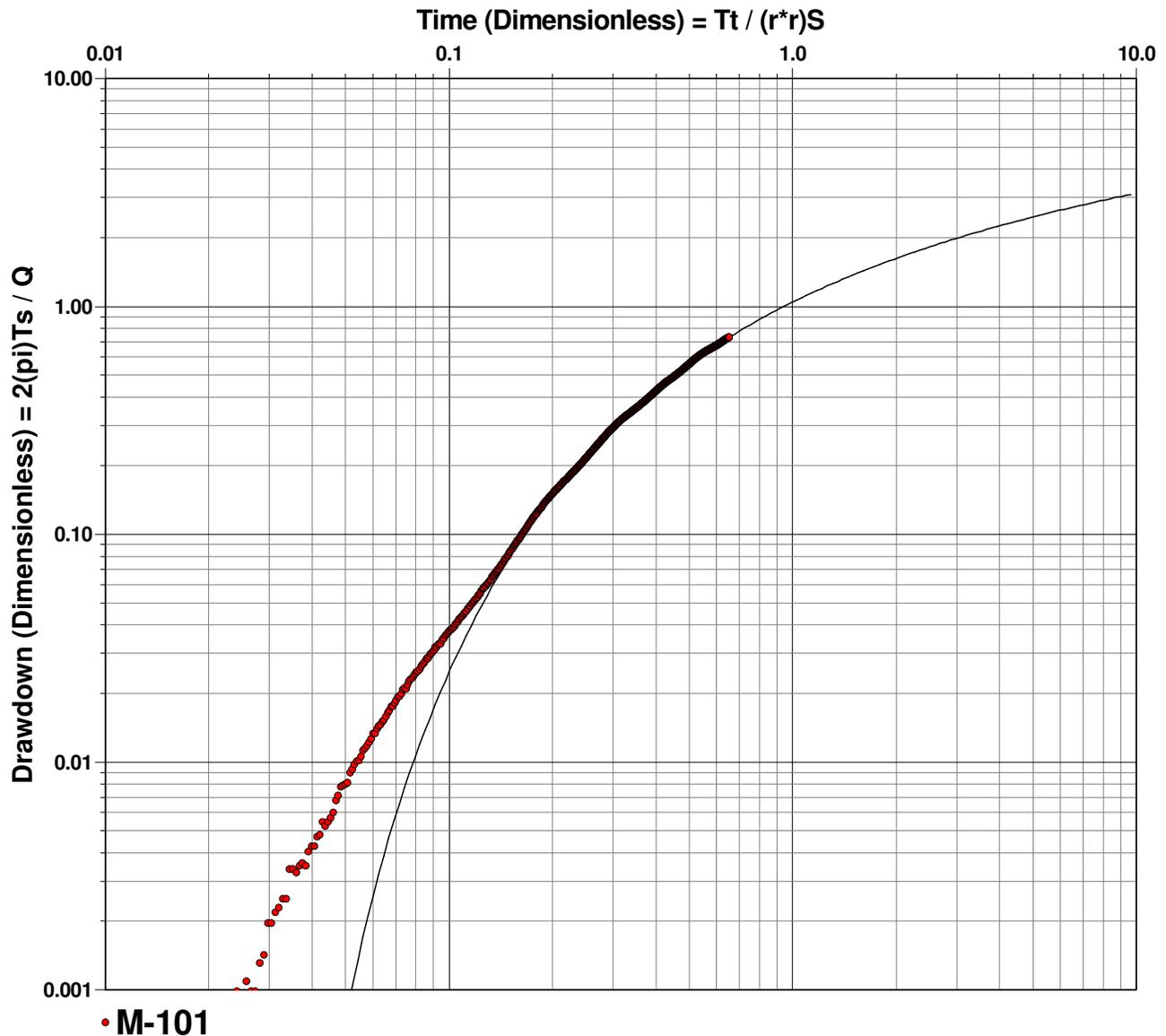
M-101 Theis

Analysis Date: 12/16/2008

Aquifer Thickness: 120.00 ft

Discharge Rate: 58.1 [U.S. gal/min]

Analysis:



Calculation after Theis

Observation Well	Transmissivity [ft <sup>2</sup> /d]	Hydraulic Conductivity [ft/d]	Storage coefficient	Radial Distance to PW [ft]
M-101	9.74 × 10 <sup>1</sup>	8.12 × 10 <sup>-1</sup>	7.16 × 10 <sup>-5</sup>	2460.6



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**Pumping Test Analysis Report**

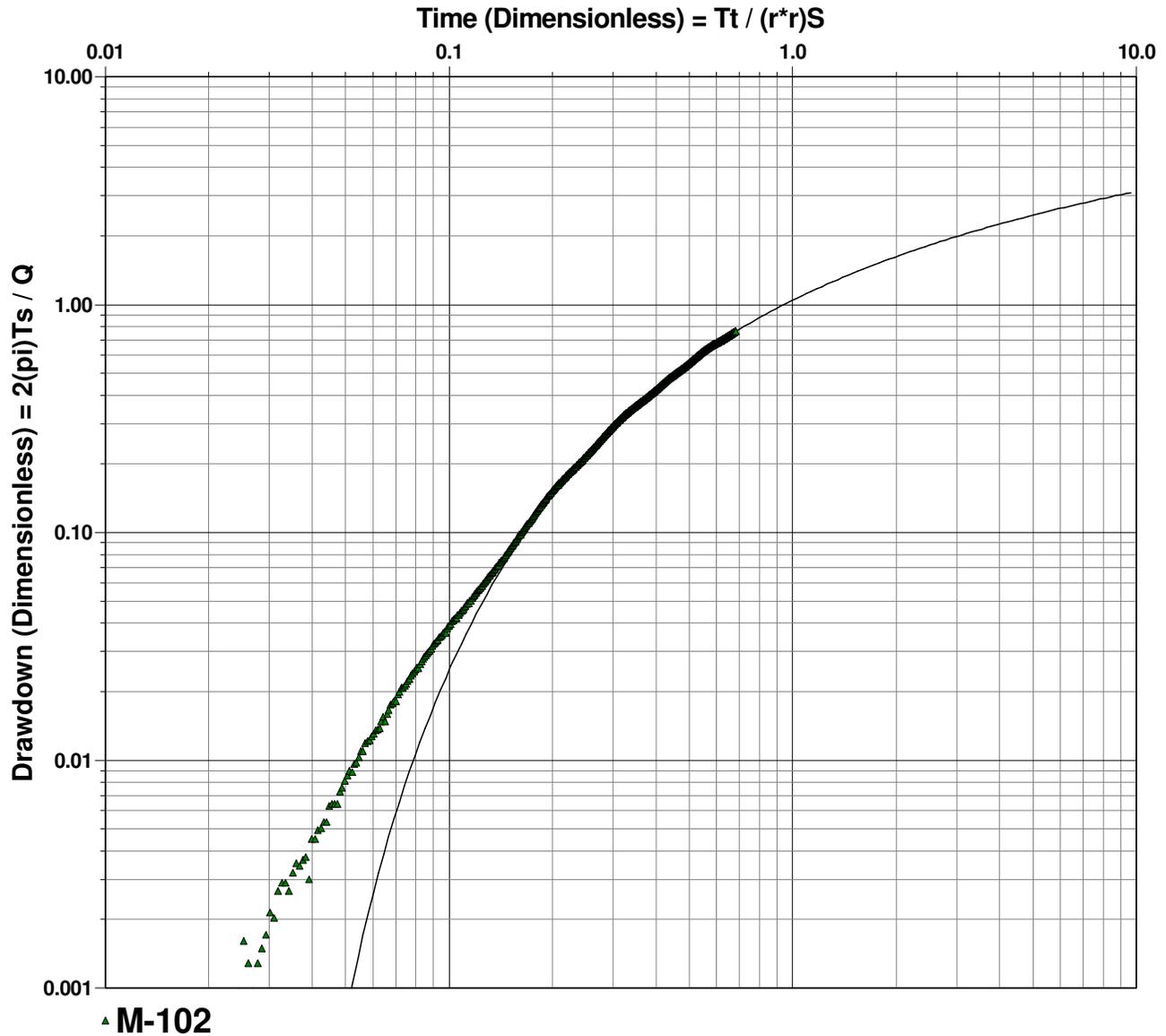
Project: Lost Creek MU1 Pump Testing, PW-101

Number:

Client: UR Energy

Location: Lost Creek Mine Unit 1	Pumping Test: PW-101 Test, South Side of Fault	Pumping Well: PW-101
Test Conducted by: KRS/AAP		Test Date: 12/9/2008
Analysis Performed by: AAP/KRS	M-102 Theis	Analysis Date: 12/16/2008
Aquifer Thickness: 120.00 ft	Discharge Rate: 58.1 [U.S. gal/min]	

Analysis:



Calculation after Theis

Observation Well	Transmissivity [ft <sup>2</sup> /d]	Hydraulic Conductivity [ft/d]	Storage coefficient	Radial Distance to PW [ft]
M-102	$9.54 \times 10^1$	$7.95 \times 10^{-1}$	$7.31 \times 10^{-5}$	2358.38



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**Pumping Test Analysis Report**

Project: Lost Creek MU1 Pump Testing, PW-101

Number:

Client: UR Energy

Location: Lost Creek Mine Unit 1

Pumping Test: PW-101 Test, South Side of Fault

Pumping Well: PW-101

Test Conducted by: KRS/AAP

Test Date: 12/9/2008

Analysis Performed by: AAP/KRS

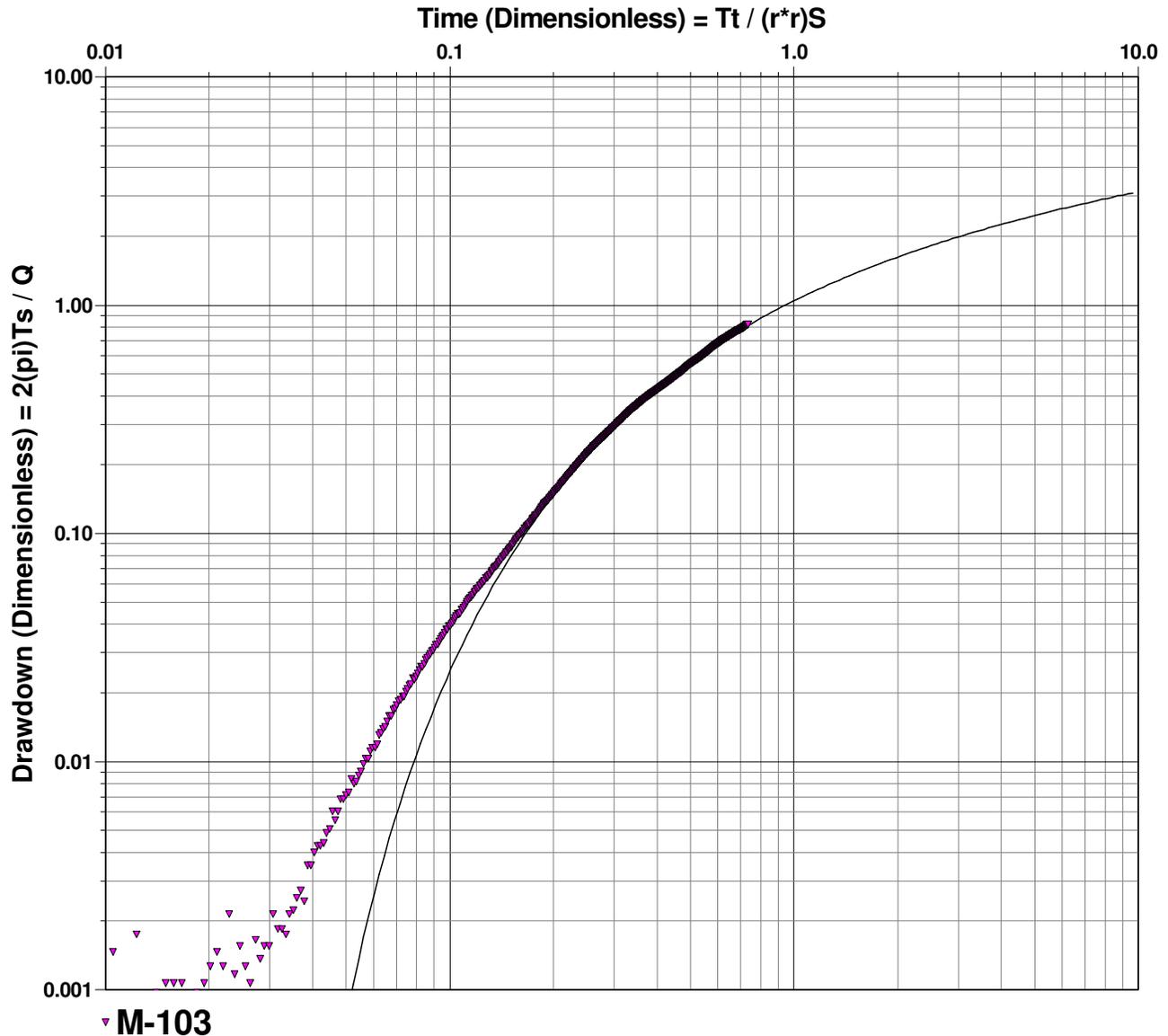
M-103 Theis

Analysis Date: 12/16/2008

Aquifer Thickness: 120.00 ft

Discharge Rate: 58.1 [U.S. gal/min]

Analysis:



Calculation after Theis

Observation Well	Transmissivity [ft <sup>2</sup> /d]	Hydraulic Conductivity [ft/d]	Storage coefficient	Radial Distance to PW [ft]
M-103	$8.68 \times 10^1$	$7.23 \times 10^{-1}$	$8.95 \times 10^{-5}$	1959.11



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**Pumping Test Analysis Report**

Project: Lost Creek MU1 Pump Testing, PW-101

Number:

Client: UR Energy

Location: Lost Creek Mine Unit 1

Pumping Test: PW-101 Test, South Side of Fault

Pumping Well: PW-101

Test Conducted by: KRS/AAP

Test Date: 12/9/2008

Analysis Performed by: AAP/KRS

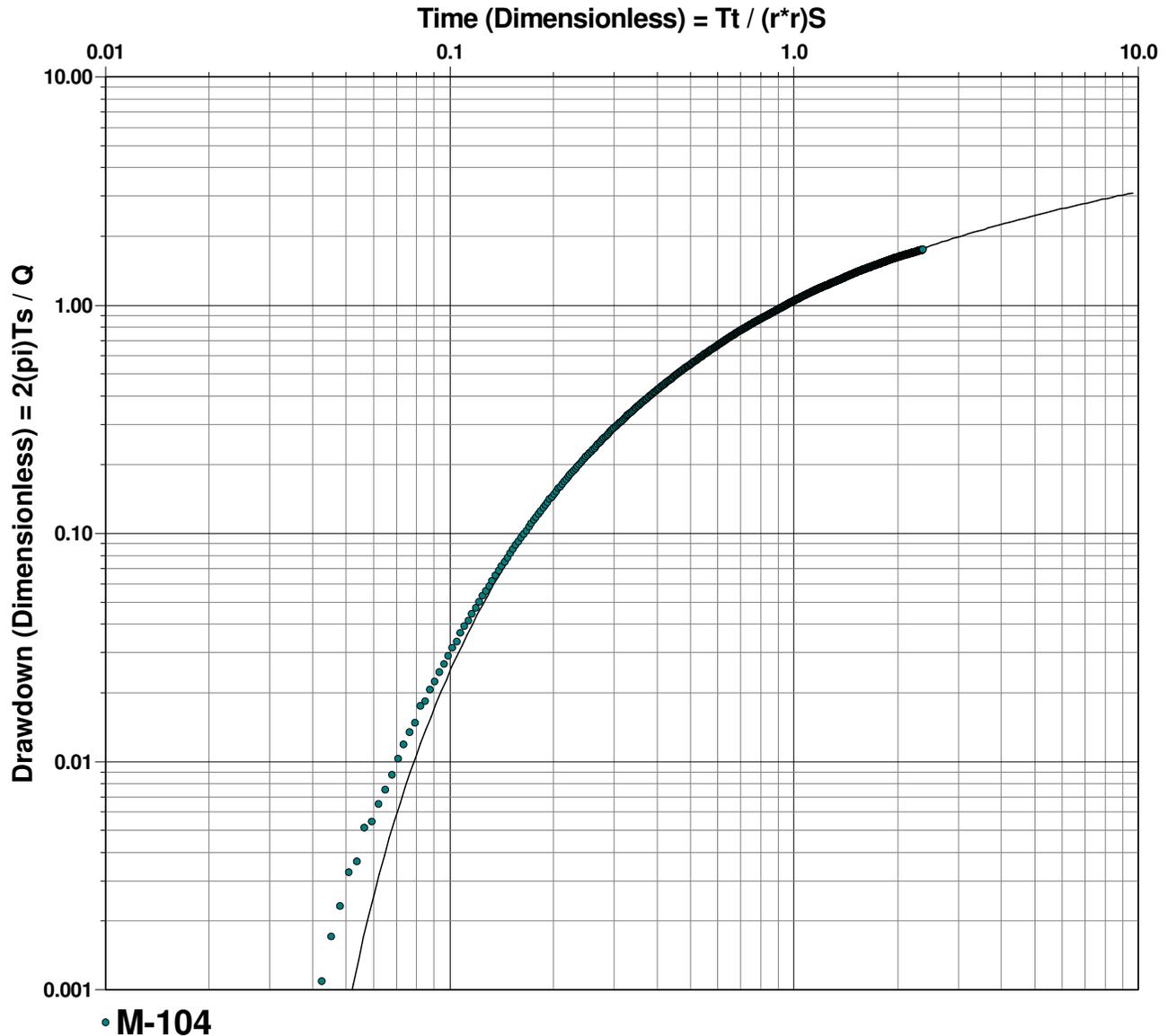
M-104 Theis

Analysis Date: 12/16/2008

Aquifer Thickness: 120.00 ft

Discharge Rate: 58.1 [U.S. gal/min]

Analysis:



Calculation after Theis

Observation Well	Transmissivity [ft <sup>2</sup> /d]	Hydraulic Conductivity [ft/d]	Storage coefficient	Radial Distance to PW [ft]
M-104	$6.94 \times 10^1$	$5.78 \times 10^{-1}$	$3.55 \times 10^{-5}$	1548.84



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**Pumping Test Analysis Report**

Project: Lost Creek MU1 Pump Testing, PW-101

Number:

Client: UR Energy

Location: Lost Creek Mine Unit 1

Pumping Test: PW-101 Test, South Side of Fault

Pumping Well: PW-101

Test Conducted by: KRS/AAP

Test Date: 12/9/2008

Analysis Performed by: AAP/KRS

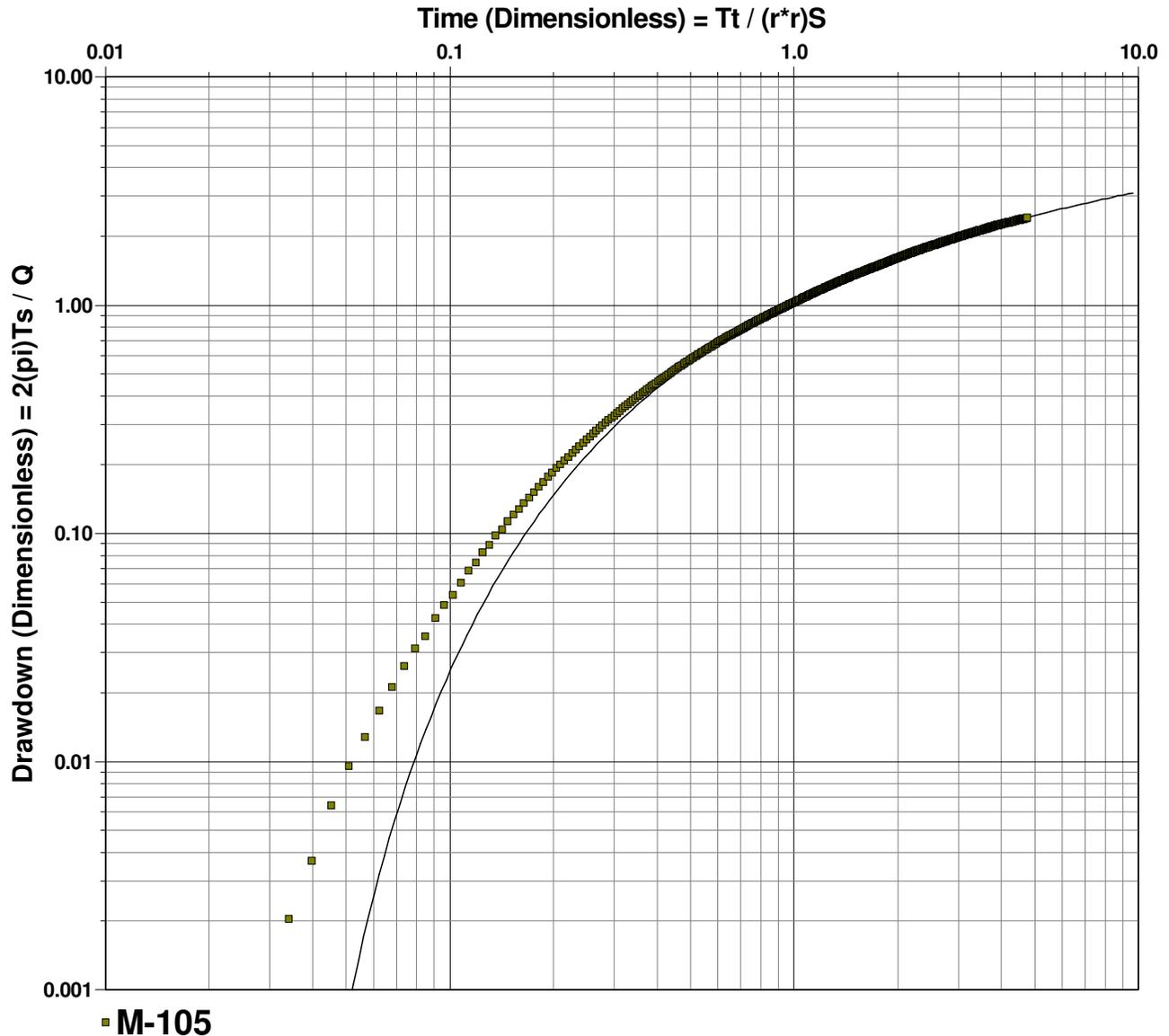
M-105 Theis

Analysis Date: 12/16/2008

Aquifer Thickness: 120.00 ft

Discharge Rate: 58.1 [U.S. gal/min]

Analysis:



Calculation after Theis

Observation Well	Transmissivity [ft <sup>2</sup> /d]	Hydraulic Conductivity [ft/d]	Storage coefficient	Radial Distance to PW [ft]
M-105	$6.98 \times 10^1$	$5.82 \times 10^{-1}$	$3.59 \times 10^{-5}$	1092.15



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**Pumping Test Analysis Report**

Project: Lost Creek MU1 Pump Testing, PW-101

Number:

Client: UR Energy

Location: Lost Creek Mine Unit 1

Pumping Test: PW-101 Test, South Side of Fault

Pumping Well: PW-101

Test Conducted by: KRS/AAP

Test Date: 12/9/2008

Analysis Performed by: AAP/KRS

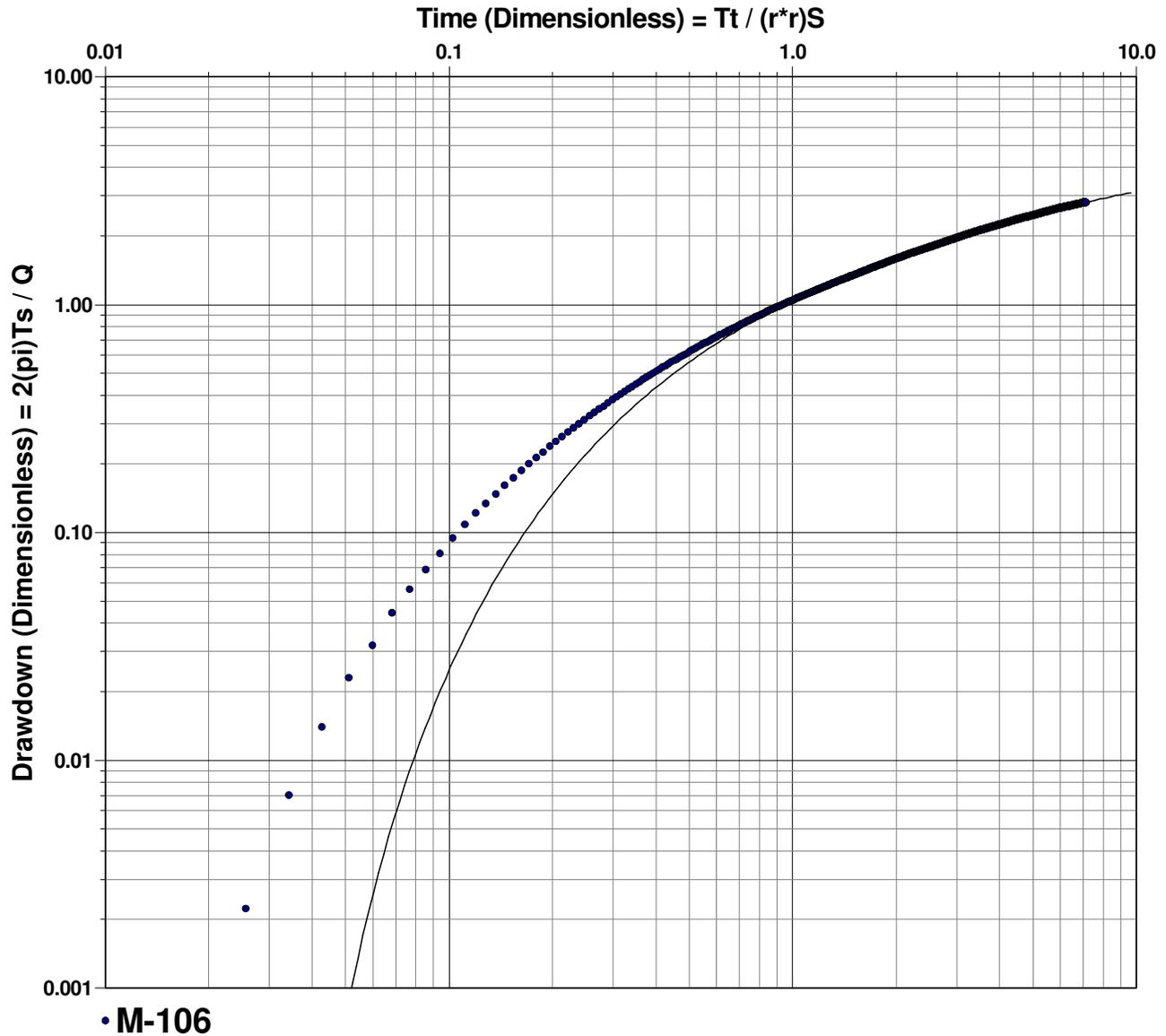
M-106 Theis

Analysis Date: 12/16/2008

Aquifer Thickness: 120.00 ft

Discharge Rate: 58.1 [U.S. gal/min]

Analysis:



Calculation after Theis

Observation Well	Transmissivity [ft <sup>2</sup> /d]	Hydraulic Conductivity [ft/d]	Storage coefficient	Radial Distance to PW [ft]
M-106	$7.37 \times 10^1$	$6.14 \times 10^{-1}$	$6.83 \times 10^{-5}$	662.75



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**Pumping Test Analysis Report**

Project: Lost Creek MU1 Pump Testing, PW-101

Number:

Client: UR Energy

Location: Lost Creek Mine Unit 1

Pumping Test: PW-101 Test, South Side of Fault

Pumping Well: PW-101

Test Conducted by: KRS/AAP

Test Date: 12/9/2008

Analysis Performed by: AAP/KRS

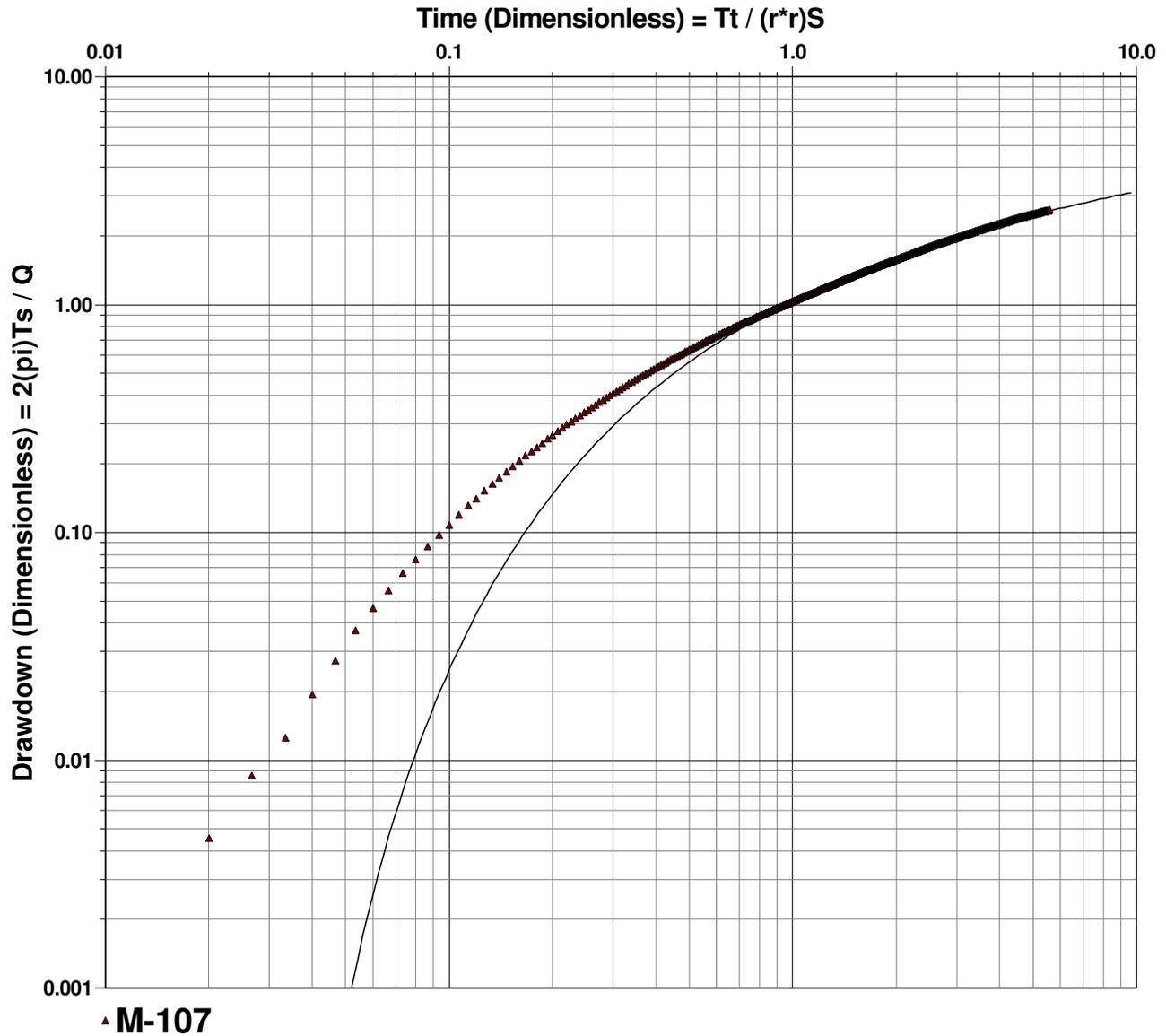
M-107 Theis

Analysis Date: 12/16/2008

Aquifer Thickness: 120.00 ft

Discharge Rate: 58.1 [U.S. gal/min]

Analysis:



Calculation after Theis

Observation Well	Transmissivity [ft <sup>2</sup> /d]	Hydraulic Conductivity [ft/d]	Storage coefficient	Radial Distance to PW [ft]
M-107	$7.96 \times 10^1$	$6.64 \times 10^{-1}$	$1.22 \times 10^{-4}$	581.77



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**Pumping Test Analysis Report**

Project: Lost Creek MU1 Pump Testing, PW-101

Number:

Client: UR Energy

Location: Lost Creek Mine Unit 1

Pumping Test: PW-101 Test, South Side of Fault

Pumping Well: PW-101

Test Conducted by: KRS/AAP

Test Date: 12/9/2008

Analysis Performed by: AAP/KRS

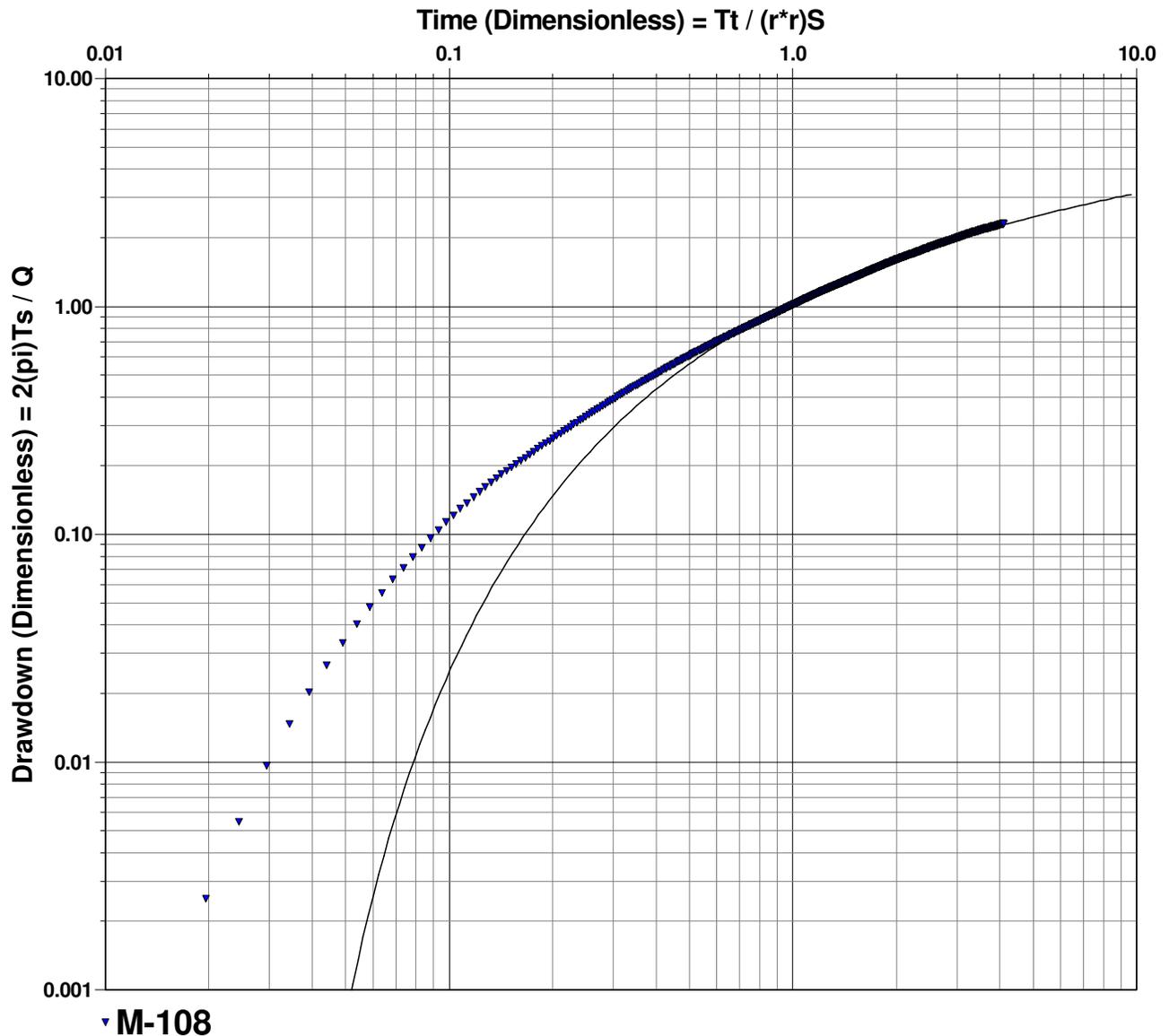
M-108 Theis

Analysis Date: 12/16/2008

Aquifer Thickness: 120.00 ft

Discharge Rate: 58.1 [U.S. gal/min]

Analysis:



Calculation after Theis

Observation Well	Transmissivity [ft <sup>2</sup> /d]	Hydraulic Conductivity [ft/d]	Storage coefficient	Radial Distance to PW [ft]
M-108	$7.99 \times 10^1$	$6.65 \times 10^{-1}$	$1.29 \times 10^{-4}$	663.31



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**Pumping Test Analysis Report**

Project: Lost Creek MU1 Pump Testing, PW-101

Number:

Client: UR Energy

Location: Lost Creek Mine Unit 1

Pumping Test: PW-101 Test, South Side of Fault

Pumping Well: PW-101

Test Conducted by: KRS/AAP

Test Date: 12/9/2008

Analysis Performed by: AAP/KRS

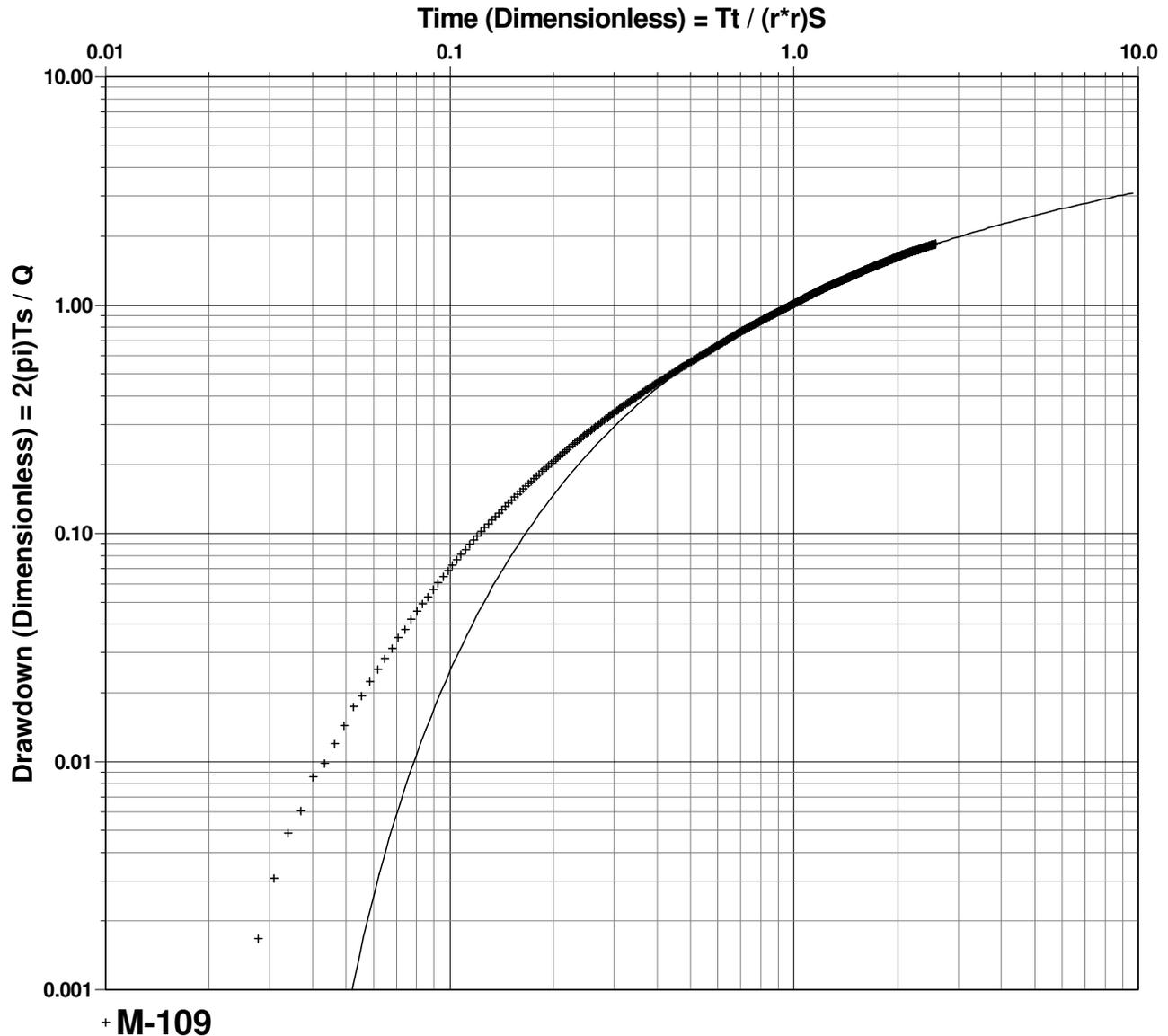
M-109 Theis

Analysis Date: 12/16/2008

Aquifer Thickness: 120.00 ft

Discharge Rate: 58.1 [U.S. gal/min]

Analysis:



Calculation after Theis

Observation Well	Transmissivity [ft <sup>2</sup> /d]	Hydraulic Conductivity [ft/d]	Storage coefficient	Radial Distance to PW [ft]
M-109	$7.86 \times 10^1$	$6.55 \times 10^{-1}$	$6.80 \times 10^{-5}$	1141.35



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**Pumping Test Analysis Report**

Project: Lost Creek MU1 Pump Testing, PW-101

Number:

Client: UR Energy

Location: Lost Creek Mine Unit 1

Pumping Test: PW-101 Test, South Side of Fault

Pumping Well: PW-101

Test Conducted by: KRS/AAP

Test Date: 12/9/2008

Analysis Performed by: AAP/KRS

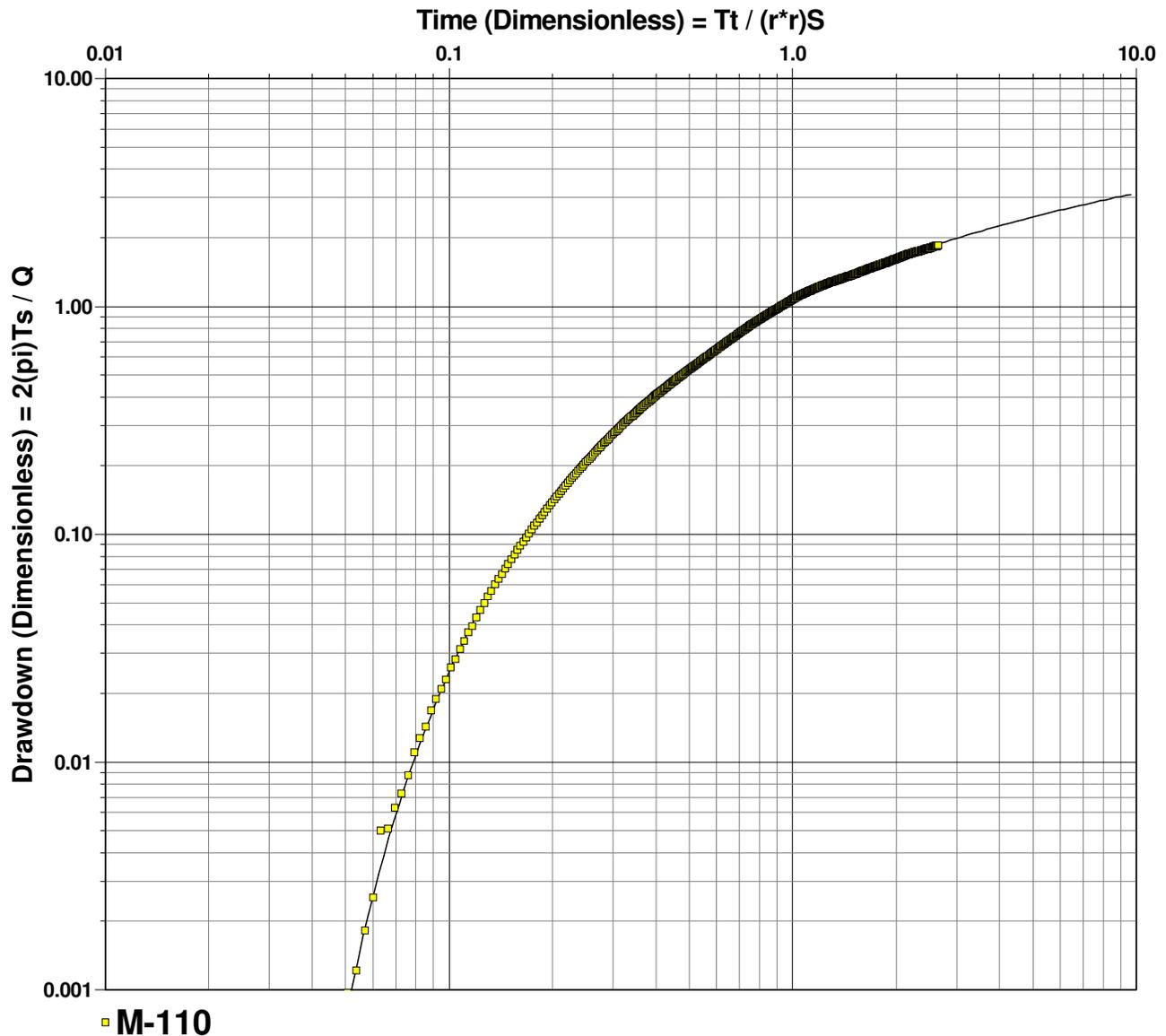
M-110 Theis

Analysis Date: 12/16/2008

Aquifer Thickness: 120.00 ft

Discharge Rate: 58.1 [U.S. gal/min]

Analysis:



Calculation after Theis

Observation Well	Transmissivity [ft <sup>2</sup> /d]	Hydraulic Conductivity [ft/d]	Storage coefficient	Radial Distance to PW [ft]
M-110	$1.08 \times 10^2$	$9.02 \times 10^{-1}$	$4.82 \times 10^{-5}$	1570.95



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**Pumping Test Analysis Report**

Project: Lost Creek MU1 Pump Testing, PW-101

Number:

Client: UR Energy

Location: Lost Creek Mine Unit 1

Pumping Test: PW-101 Test, South Side of Fault

Pumping Well: PW-101

Test Conducted by: KRS/AAP

Test Date: 12/9/2008

Analysis Performed by: AAP/KRS

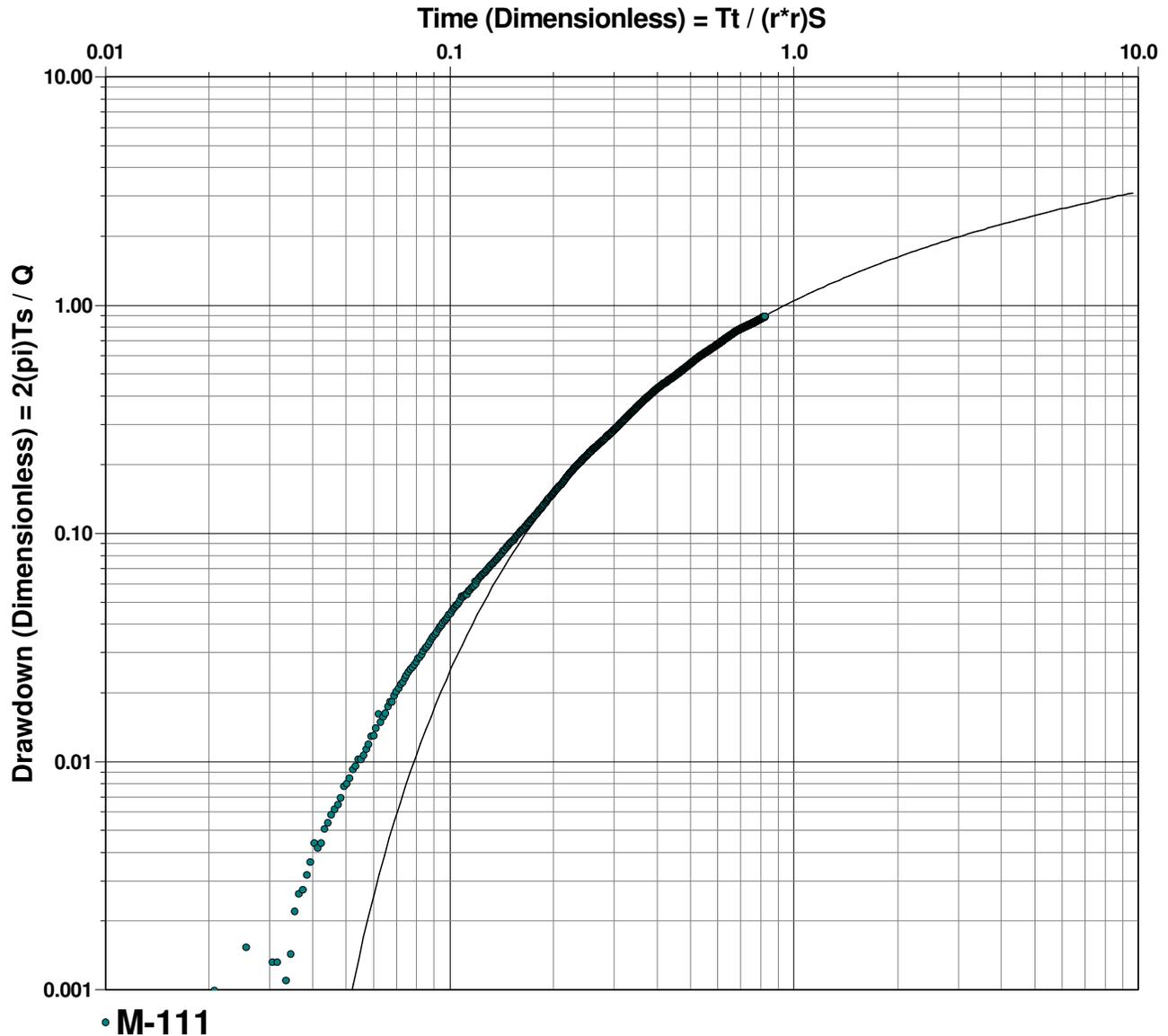
M-111 Theis

Analysis Date: 12/16/2008

Aquifer Thickness: 120.00 ft

Discharge Rate: 58.1 [U.S. gal/min]

Analysis:



Calculation after Theis

Observation Well	Transmissivity [ft <sup>2</sup> /d]	Hydraulic Conductivity [ft/d]	Storage coefficient	Radial Distance to PW [ft]
M-111	$9.80 \times 10^1$	$8.17 \times 10^{-1}$	$8.20 \times 10^{-5}$	2053.63



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**Pumping Test Analysis Report**

Project: Lost Creek MU1 Pump Testing, PW-101

Number:

Client: UR Energy

Location: Lost Creek Mine Unit 1

Pumping Test: PW-101 Test, South Side of Fault

Pumping Well: PW-101

Test Conducted by: KRS/AAP

Test Date: 12/9/2008

Analysis Performed by: AAP/KRS

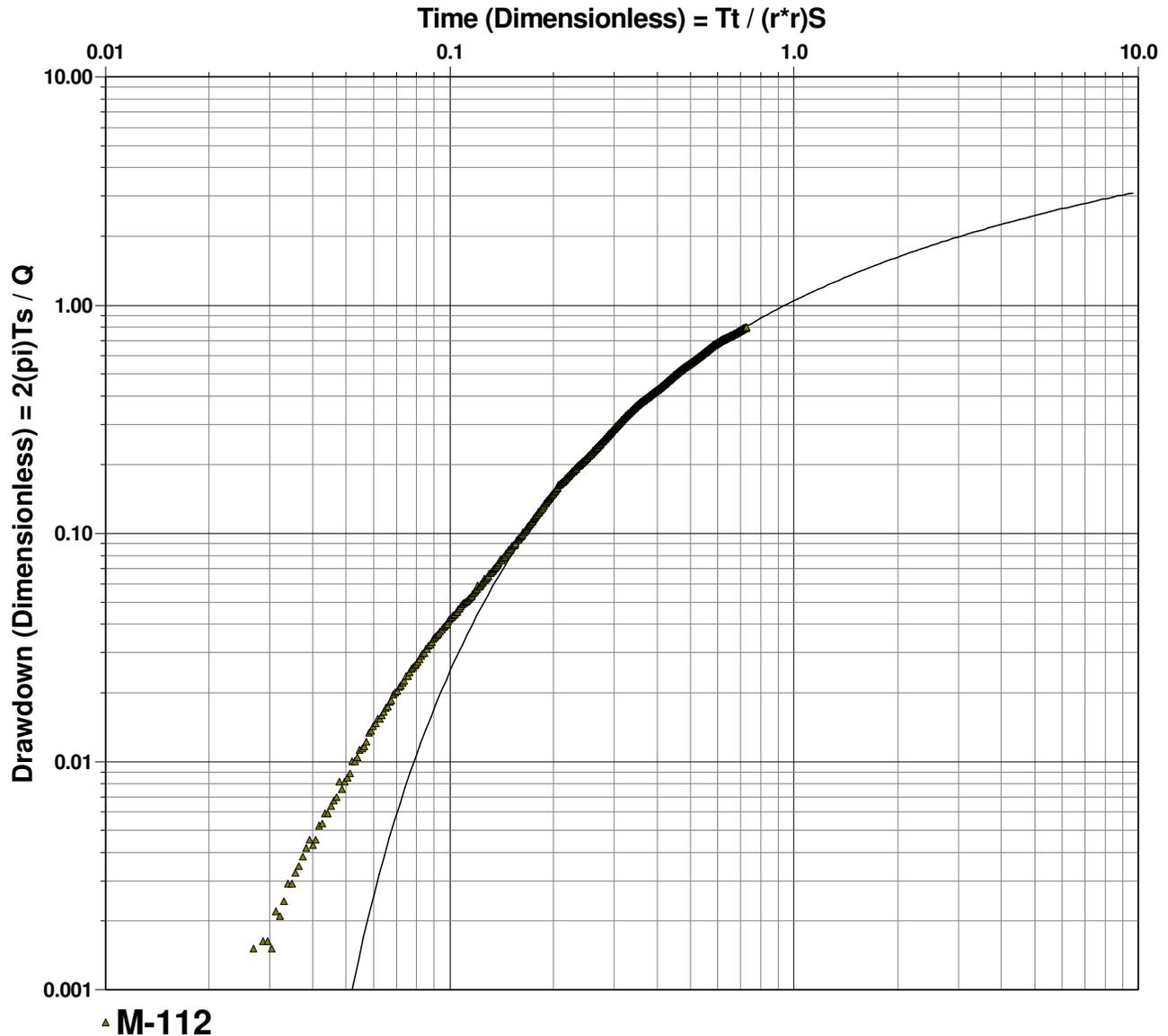
M-112 Theis

Analysis Date: 12/16/2008

Aquifer Thickness: 120.00 ft

Discharge Rate: 58.1 [U.S. gal/min]

Analysis:



Calculation after Theis

Observation Well	Transmissivity [ft <sup>2</sup> /d]	Hydraulic Conductivity [ft/d]	Storage coefficient	Radial Distance to PW [ft]
M-112	$1.04 \times 10^2$	$8.64 \times 10^{-1}$	$6.46 \times 10^{-5}$	2533.63



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**Pumping Test Analysis Report**

Project: Lost Creek MU1 Pump Testing, PW-101

Number:

Client: UR Energy

Location: Lost Creek Mine Unit 1

Pumping Test: PW-101 Test, South Side of Fault

Pumping Well: PW-101

Test Conducted by: KRS/AAP

Test Date: 12/9/2008

Analysis Performed by: AAP/KRS

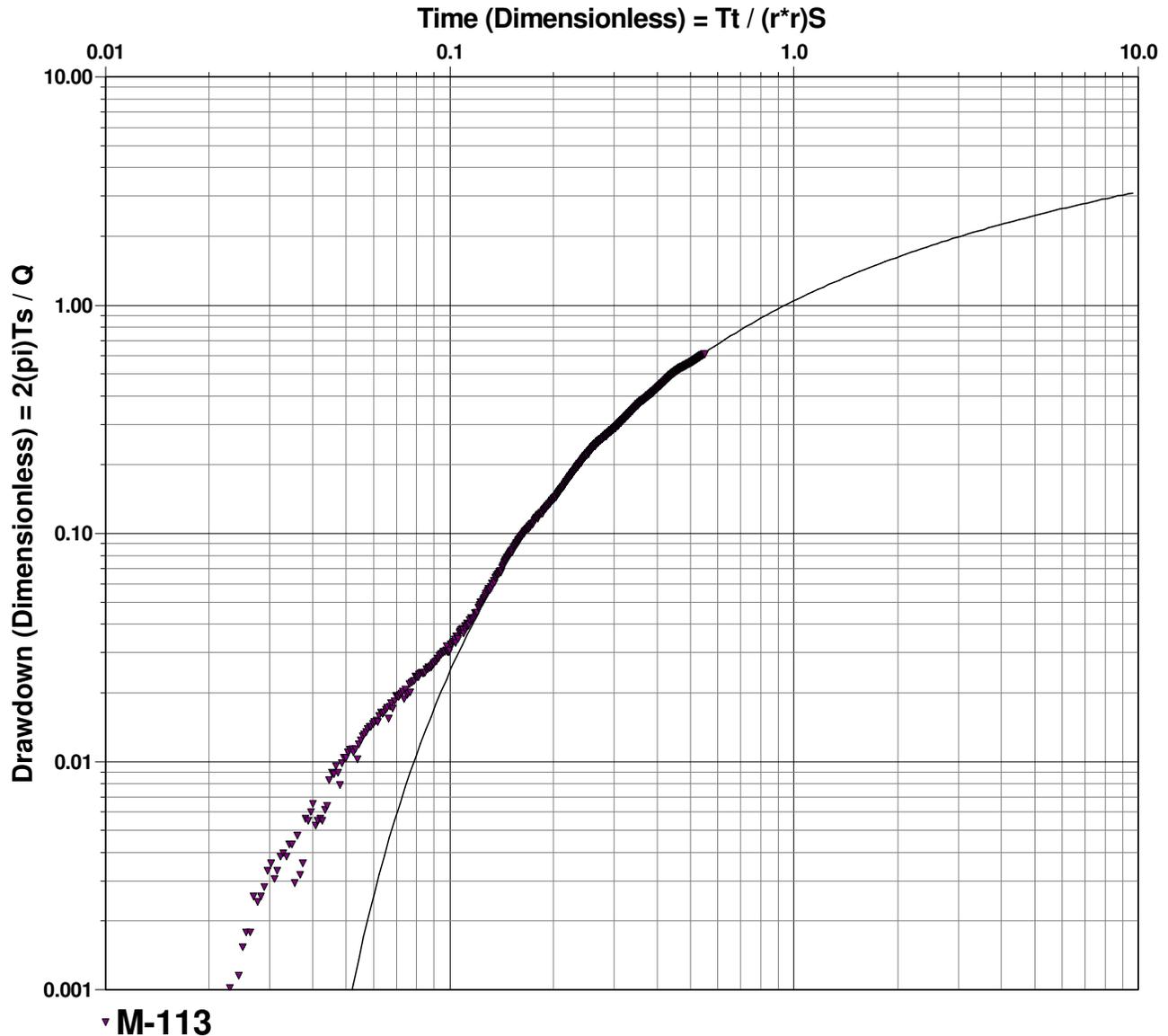
M-113 Theis

Analysis Date: 12/16/2008

Aquifer Thickness: 120.00 ft

Discharge Rate: 58.1 [U.S. gal/min]

Analysis:



Calculation after Theis

Observation Well	Transmissivity [ft <sup>2</sup> /d]	Hydraulic Conductivity [ft/d]	Storage coefficient	Radial Distance to PW [ft]
M-113	$1.14 \times 10^2$	$9.48 \times 10^{-1}$	$6.93 \times 10^{-5}$	2945.25



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**Pumping Test Analysis Report**

Project: Lost Creek MU1 Pump Testing, PW-101

Number:

Client: UR Energy

Location: Lost Creek Mine Unit 1

Pumping Test: PW-101 Test, South Side of Fault

Pumping Well: PW-101

Test Conducted by: KRS/AAP

Test Date: 12/9/2008

Analysis Performed by: AAP/KRS

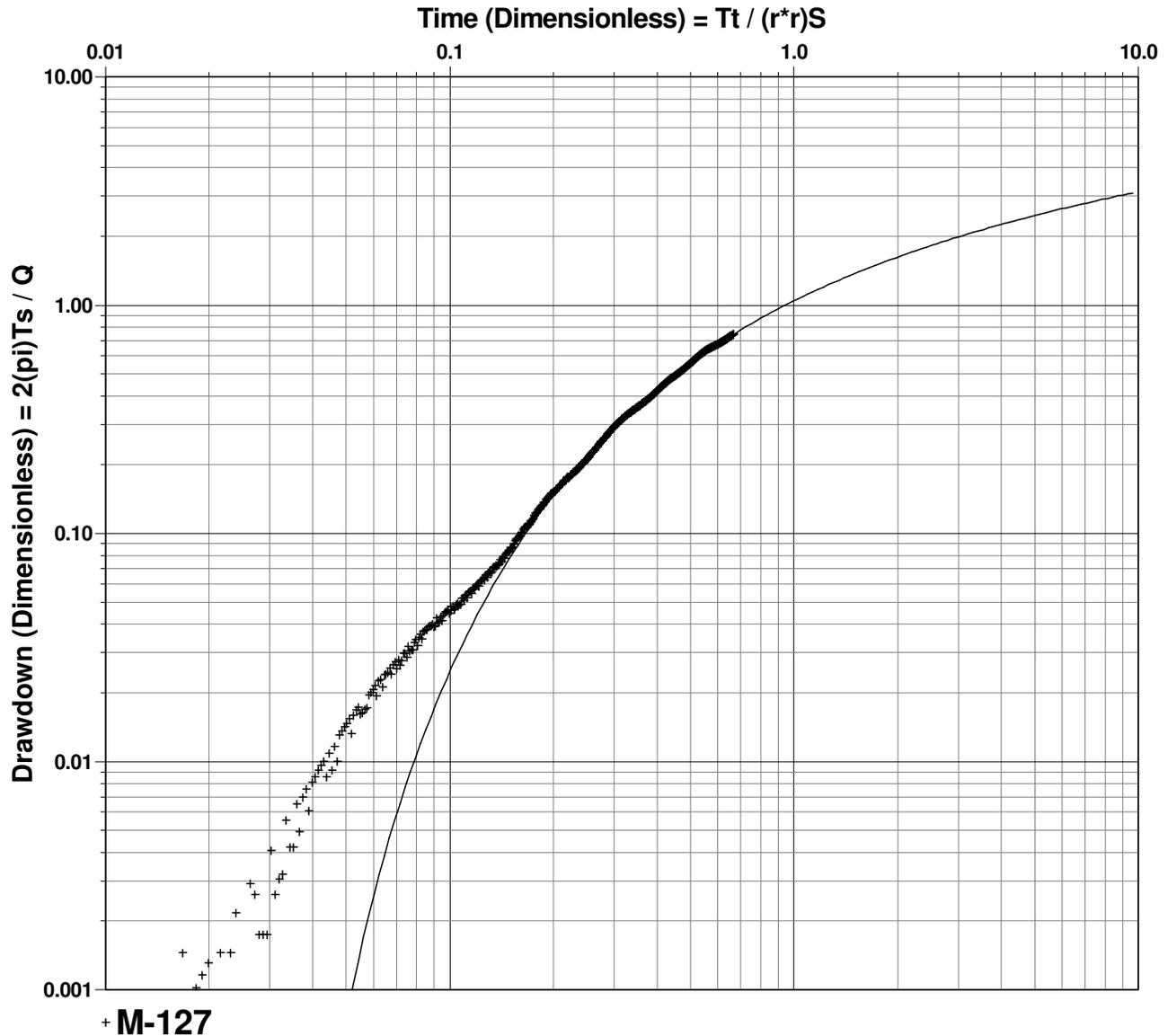
M-127 Theis

Analysis Date: 12/16/2008

Aquifer Thickness: 120.00 ft

Discharge Rate: 58.1 [U.S. gal/min]

Analysis:



Calculation after Theis

Observation Well	Transmissivity [ft <sup>2</sup> /d]	Hydraulic Conductivity [ft/d]	Storage coefficient	Radial Distance to PW [ft]
M-127	$1.29 \times 10^2$	$1.08 \times 10^0$	$1.55 \times 10^{-4}$	1905.45



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**Pumping Test Analysis Report**

Project: Lost Creek MU1 Pump Testing, PW-101

Number:

Client: UR Energy

Location: Lost Creek Mine Unit 1

Pumping Test: PW-101 Test, South Side of Fault

Pumping Well: PW-101

Test Conducted by: KRS/AAP

Test Date: 12/9/2008

Analysis Performed by: AAP/KRS

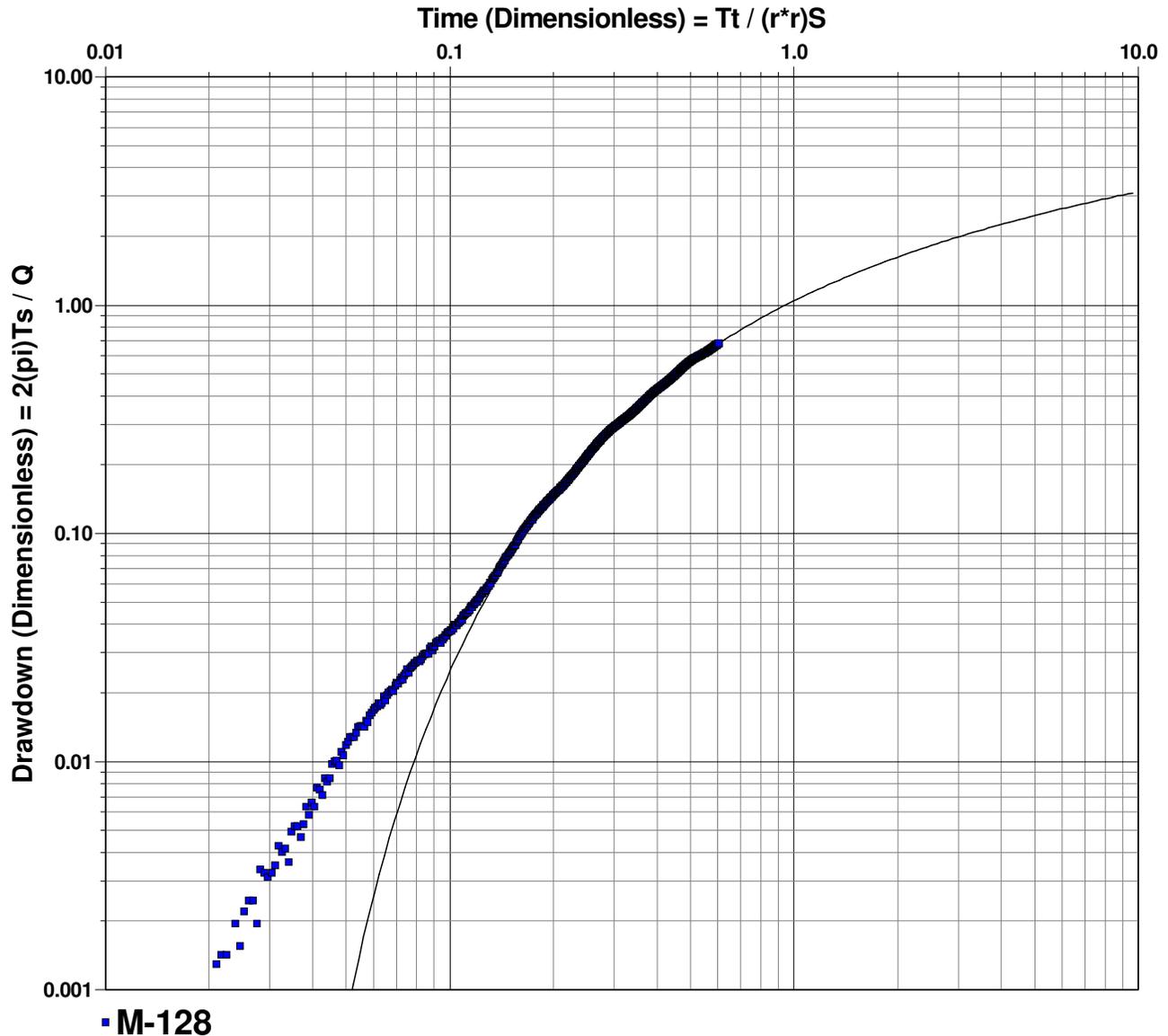
M-128 Theis

Analysis Date: 12/16/2008

Aquifer Thickness: 120.00 ft

Discharge Rate: 58.1 [U.S. gal/min]

Analysis:



Calculation after Theis

Observation Well	Transmissivity [ft <sup>2</sup> /d]	Hydraulic Conductivity [ft/d]	Storage coefficient	Radial Distance to PW [ft]
M-128	$1.16 \times 10^2$	$9.64 \times 10^{-1}$	$1.11 \times 10^{-4}$	2235.6



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**Pumping Test Analysis Report**

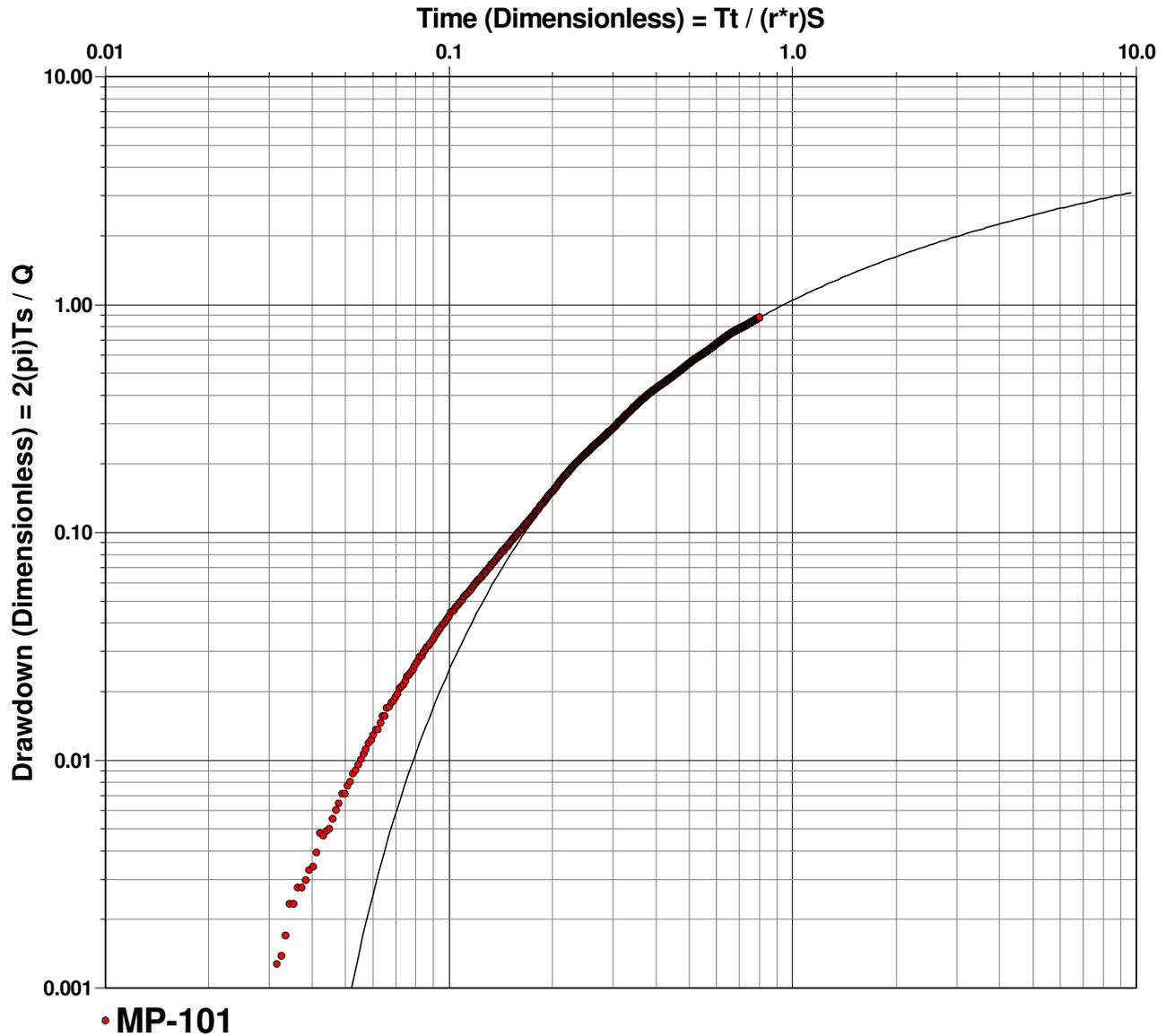
Project: Lost Creek MU1 Pump Testing, PW-101

Number:

Client: UR Energy

Location: Lost Creek Mine Unit 1	Pumping Test: PW-101 Test, South Side of Fault	Pumping Well: PW-101
Test Conducted by: KRS/AAP		Test Date: 12/9/2008
Analysis Performed by: AAP/KRS	MP-101 Theis	Analysis Date: 12/16/2008
Aquifer Thickness: 120.00 ft	Discharge Rate: 58.1 [U.S. gal/min]	

Analysis:



Calculation after Theis

Observation Well	Transmissivity [ft <sup>2</sup> /d]	Hydraulic Conductivity [ft/d]	Storage coefficient	Radial Distance to PW [ft]
MP-101	9.47 × 10 <sup>1</sup>	7.89 × 10 <sup>-1</sup>	1.17 × 10 <sup>-4</sup>	1718.02



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**Pumping Test Analysis Report**

Project: Lost Creek MU1 Pump Testing, PW-101

Number:

Client: UR Energy

Location: Lost Creek Mine Unit 1

Pumping Test: PW-101 Test, South Side of Fault

Pumping Well: PW-101

Test Conducted by: KRS/AAP

Test Date: 12/9/2008

Analysis Performed by: AAP/KRS

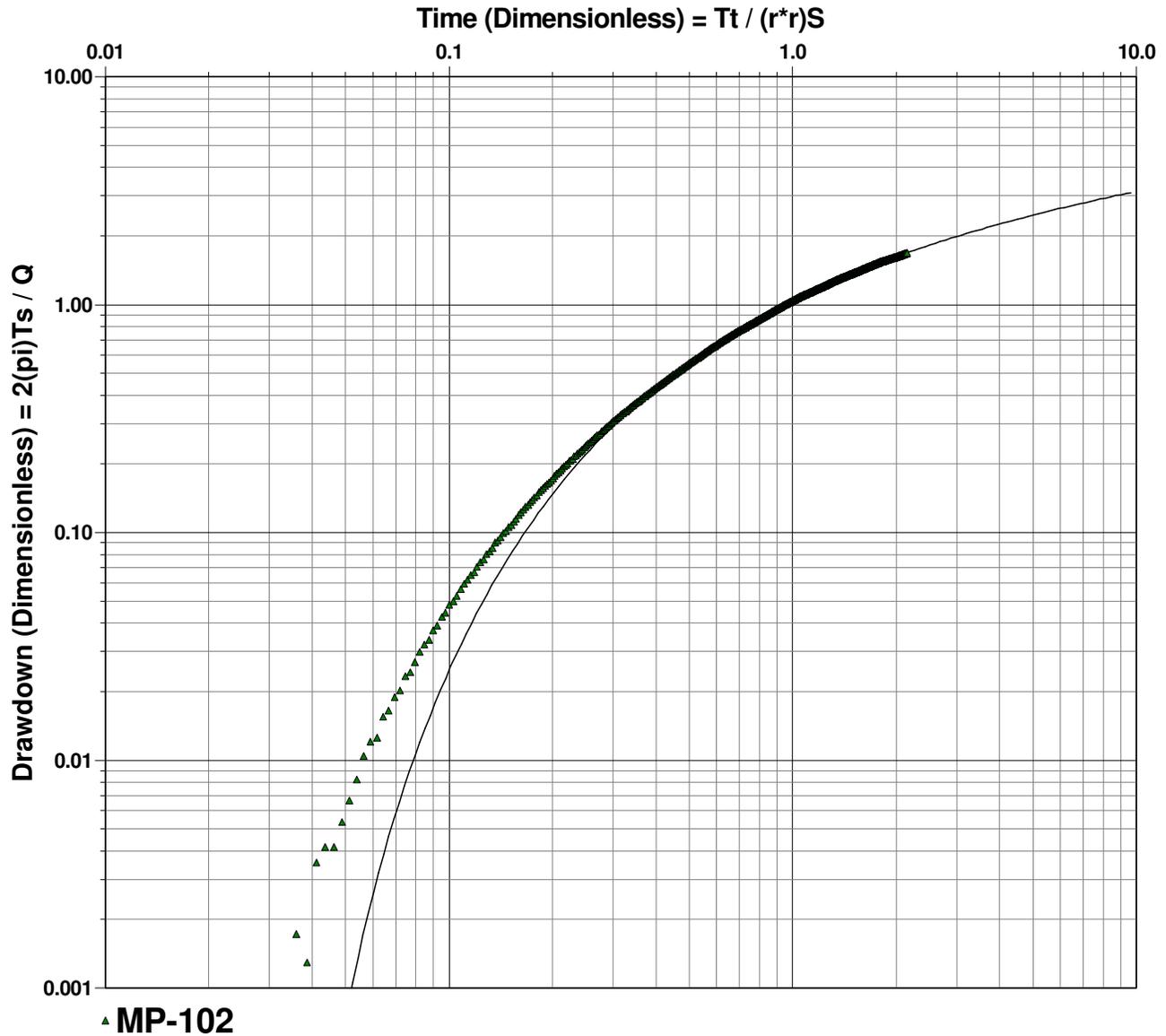
MP-102 Theis

Analysis Date: 12/16/2008

Aquifer Thickness: 120.00 ft

Discharge Rate: 58.1 [U.S. gal/min]

Analysis:



Calculation after Theis

Observation Well	Transmissivity [ft <sup>2</sup> /d]	Hydraulic Conductivity [ft/d]	Storage coefficient	Radial Distance to PW [ft]
MP-102	$7.70 \times 10^1$	$6.42 \times 10^{-1}$	$7.88 \times 10^{-5}$	1149.16



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**Pumping Test Analysis Report**

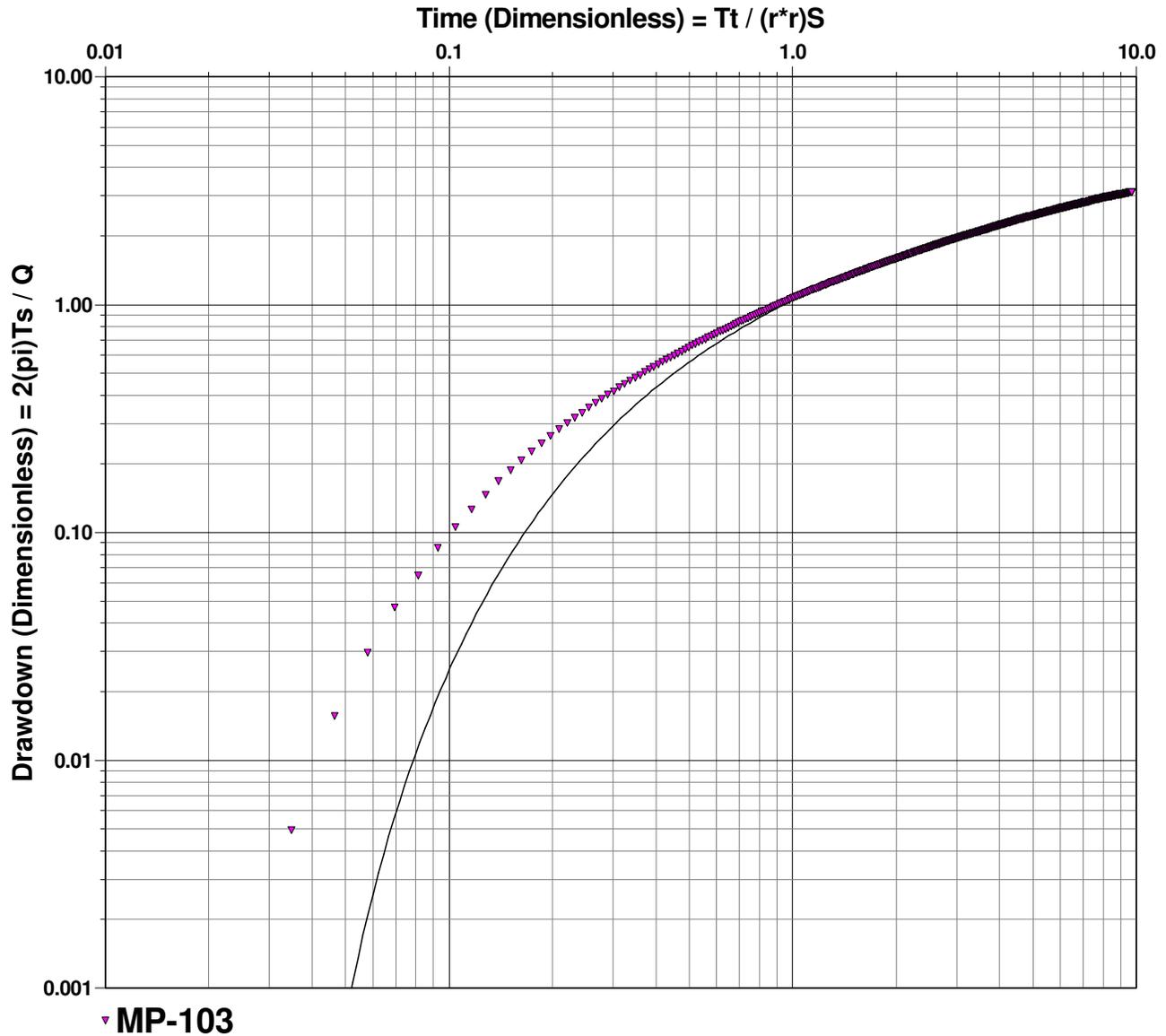
Project: Lost Creek MU1 Pump Testing, PW-101

Number:

Client: UR Energy

Location: Lost Creek Mine Unit 1	Pumping Test: PW-101 Test, South Side of Fault	Pumping Well: PW-101
Test Conducted by: KRS/AAP		Test Date: 12/9/2008
Analysis Performed by: AAP/KRS	MP-103 Theis	Analysis Date: 12/16/2008
Aquifer Thickness: 120.00 ft	Discharge Rate: 58.1 [U.S. gal/min]	

Analysis:



Calculation after Theis

Observation Well	Transmissivity [ft <sup>2</sup> /d]	Hydraulic Conductivity [ft/d]	Storage coefficient	Radial Distance to PW [ft]
MP-103	$7.70 \times 10^1$	$6.42 \times 10^{-1}$	$7.26 \times 10^{-5}$	563.51



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**Pumping Test Analysis Report**

Project: Lost Creek MU1 Pump Testing, PW-101

Number:

Client: UR Energy

Location: Lost Creek Mine Unit 1

Pumping Test: PW-101 Test, South Side of Fault

Pumping Well: PW-101

Test Conducted by: KRS/AAP

Test Date: 12/9/2008

Analysis Performed by: AAP/KRS

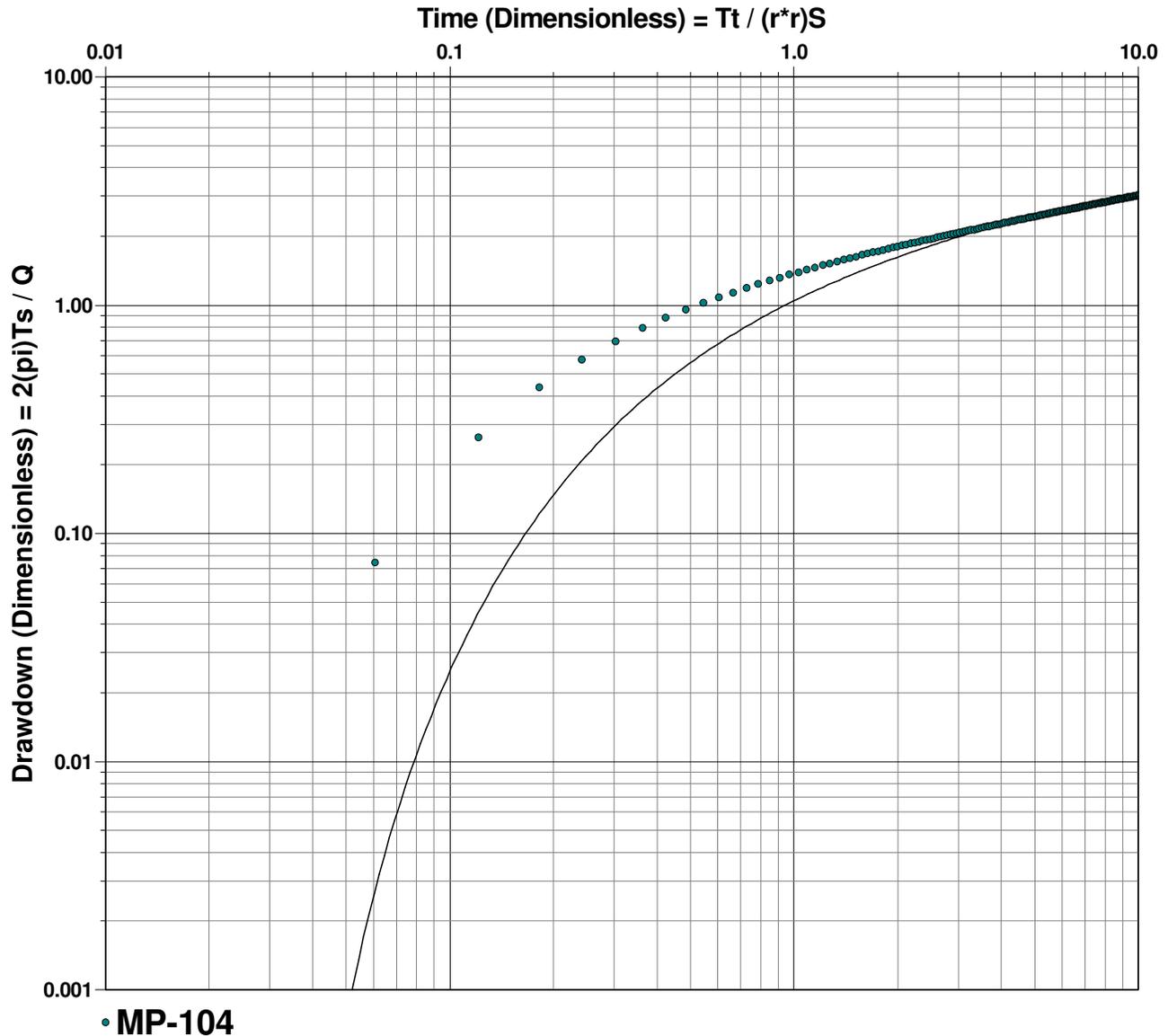
MP-104 Theis

Analysis Date: 12/16/2008

Aquifer Thickness: 120.00 ft

Discharge Rate: 58.1 [U.S. gal/min]

Analysis:



Calculation after Theis

Observation Well	Transmissivity [ft <sup>2</sup> /d]	Hydraulic Conductivity [ft/d]	Storage coefficient	Radial Distance to PW [ft]
MP-104	$8.91 \times 10^1$	$7.43 \times 10^{-1}$	$5.78 \times 10^{-5}$	297.49



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**Pumping Test Analysis Report**

Project: Lost Creek MU1 Pump Testing, PW-101

Number:

Client: UR Energy

Location: Lost Creek Mine Unit 1

Pumping Test: PW-101 Test, South Side of Fault

Pumping Well: PW-101

Test Conducted by: KRS/AAP

Test Date: 12/9/2008

Analysis Performed by: AAP/KRS

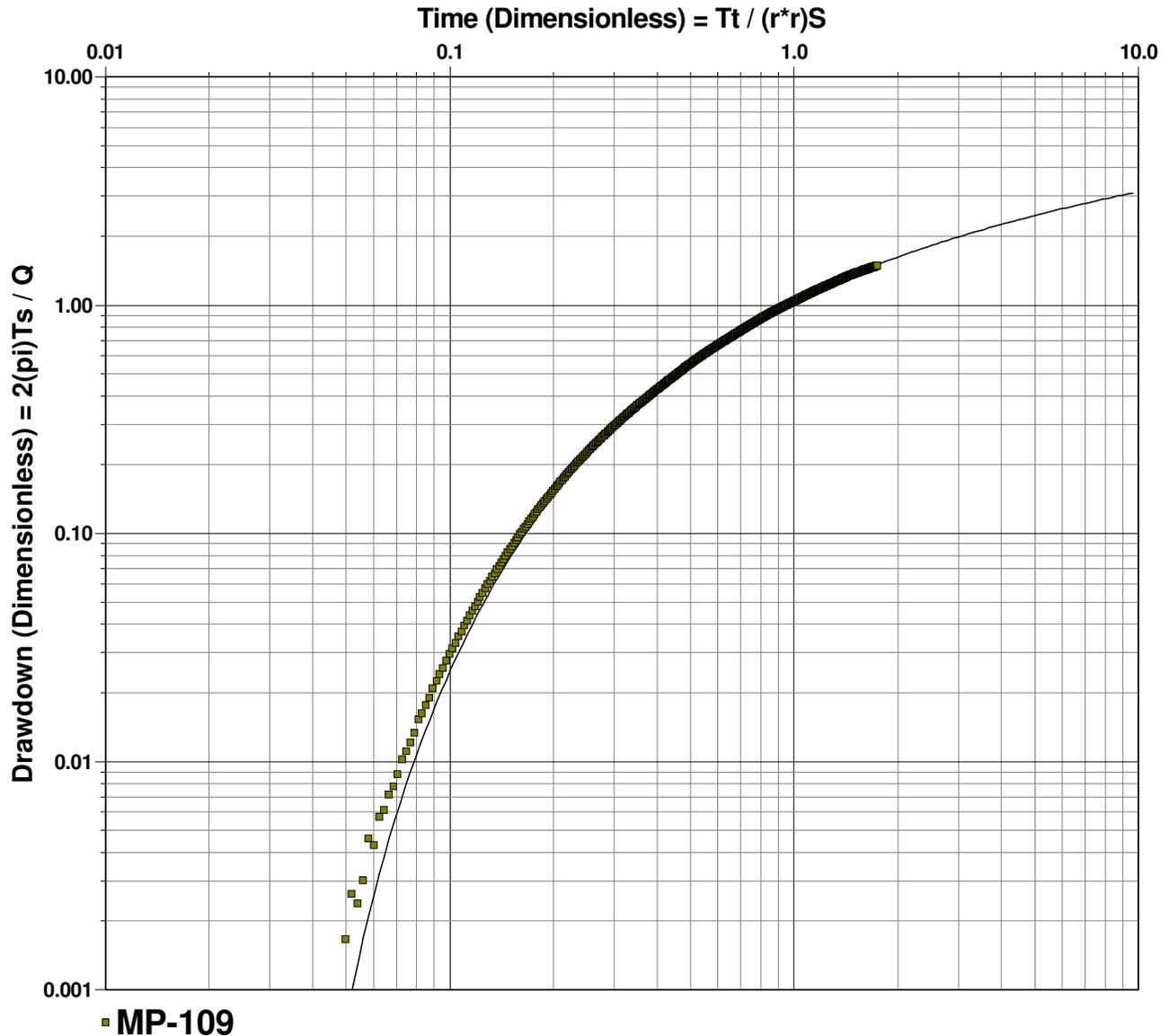
MP-109 Theis

Analysis Date: 12/16/2008

Aquifer Thickness: 120.00 ft

Discharge Rate: 58.1 [U.S. gal/min]

Analysis:



Calculation after Theis

Observation Well	Transmissivity [ft <sup>2</sup> /d]	Hydraulic Conductivity [ft/d]	Storage coefficient	Radial Distance to PW [ft]
MP-109	$7.09 \times 10^1$	$5.91 \times 10^{-1}$	$8.18 \times 10^{-5}$	1204.01



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**Pumping Test Analysis Report**

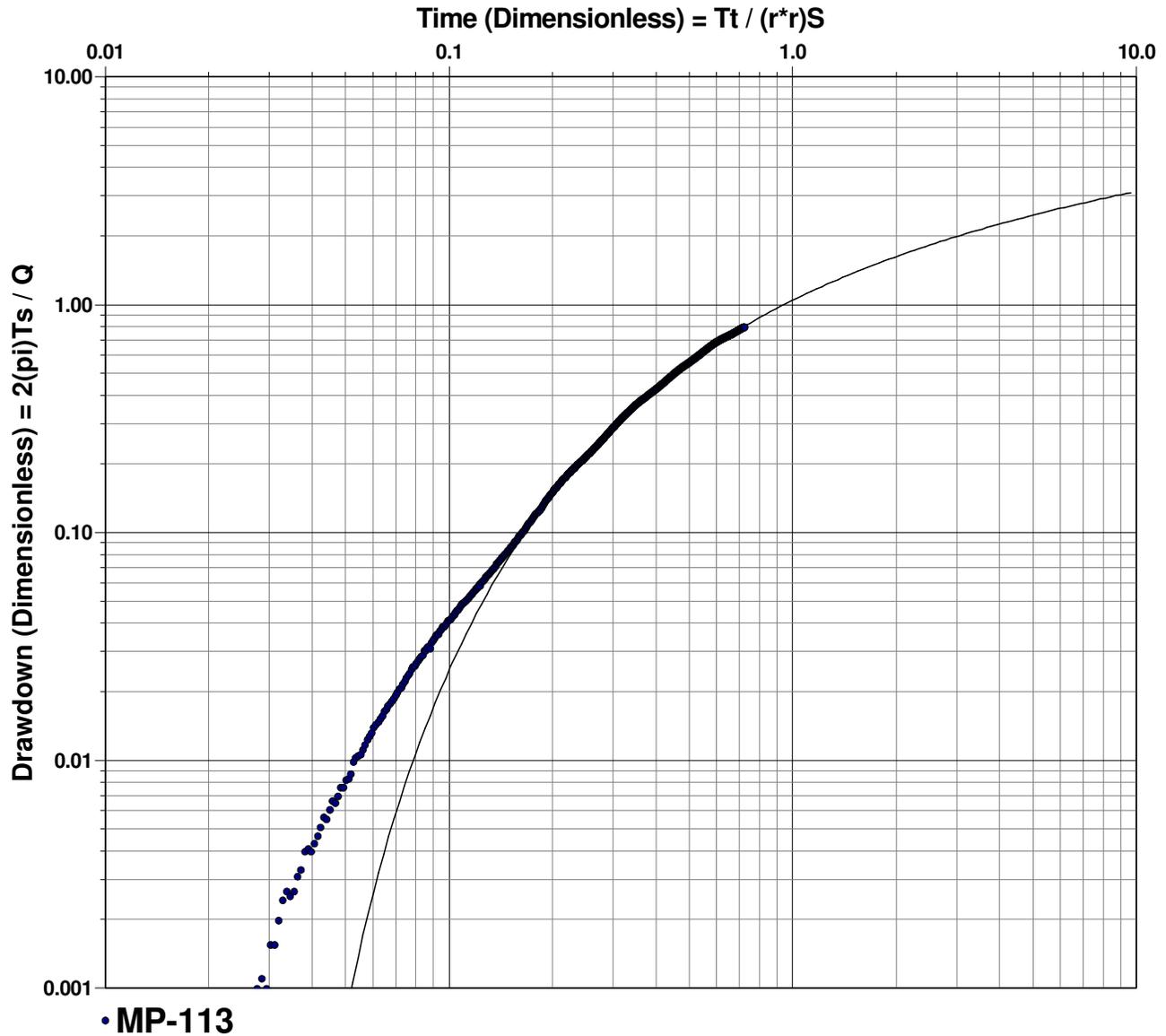
Project: Lost Creek MU1 Pump Testing, PW-101

Number:

Client: UR Energy

Location: Lost Creek Mine Unit 1	Pumping Test: PW-101 Test, South Side of Fault	Pumping Well: PW-101
Test Conducted by: KRS/AAP		Test Date: 12/9/2008
Analysis Performed by: AAP/KRS	MP-113 Theis	Analysis Date: 12/16/2008
Aquifer Thickness: 120.00 ft	Discharge Rate: 58.1 [U.S. gal/min]	

Analysis:



Calculation after Theis

Observation Well	Transmissivity [ft <sup>2</sup> /d]	Hydraulic Conductivity [ft/d]	Storage coefficient	Radial Distance to PW [ft]
MP-113	$9.81 \times 10^1$	$8.17 \times 10^{-1}$	$7.34 \times 10^{-5}$	2317.65



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**Pumping Test Analysis Report**

Project: Lost Creek MU1 Pump Testing, PW-101

Number:

Client: UR Energy

Location: Lost Creek Mine Unit 1

Pumping Test: PW-101 Test, South Side of Fault

Pumping Well: PW-101

Test Conducted by: KRS/AAP

Test Date: 12/9/2008

Analysis Performed by: AAP/KRS

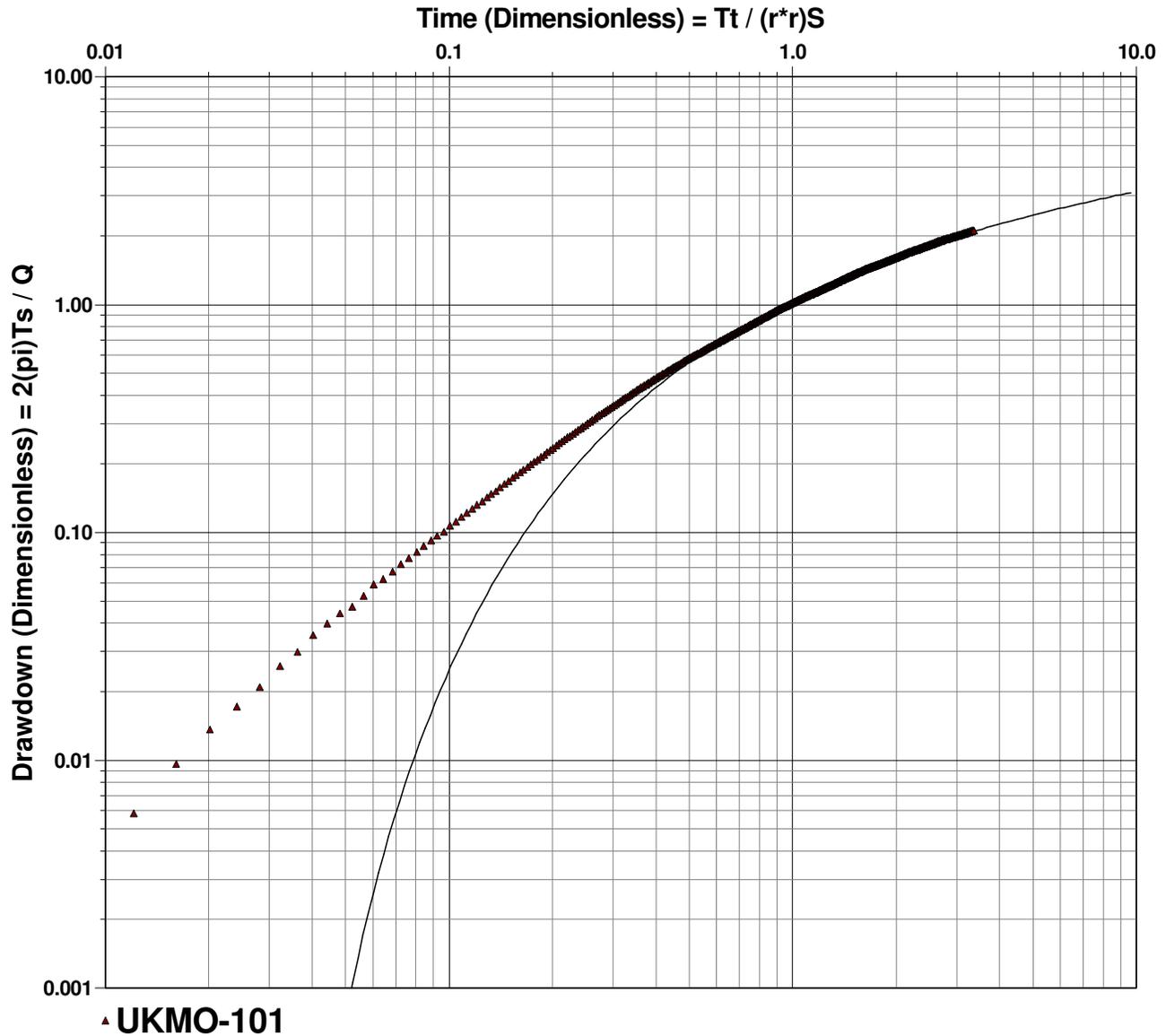
UKMO-101 Theis

Analysis Date: 12/16/2008

Aquifer Thickness: 120.00 ft

Discharge Rate: 58.1 [U.S. gal/min]

Analysis:



Calculation after Theis

Observation Well	Transmissivity [ft <sup>2</sup> /d]	Hydraulic Conductivity [ft/d]	Storage coefficient	Radial Distance to PW [ft]
UKMO-101	$1.09 \times 10^2$	$9.05 \times 10^{-1}$	$4.26 \times 10^{-4}$	468.92



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**Pumping Test Analysis Report**

Project: Lost Creek MU1 Pump Testing, PW-101

Number:

Client: UR Energy

Location: Lost Creek Mine Unit 1

Pumping Test: PW-101 Test, South Side of Fault

Pumping Well: PW-101

Test Conducted by: KRS/AAP

Test Date: 12/9/2008

Analysis Performed by: AAP/KRS

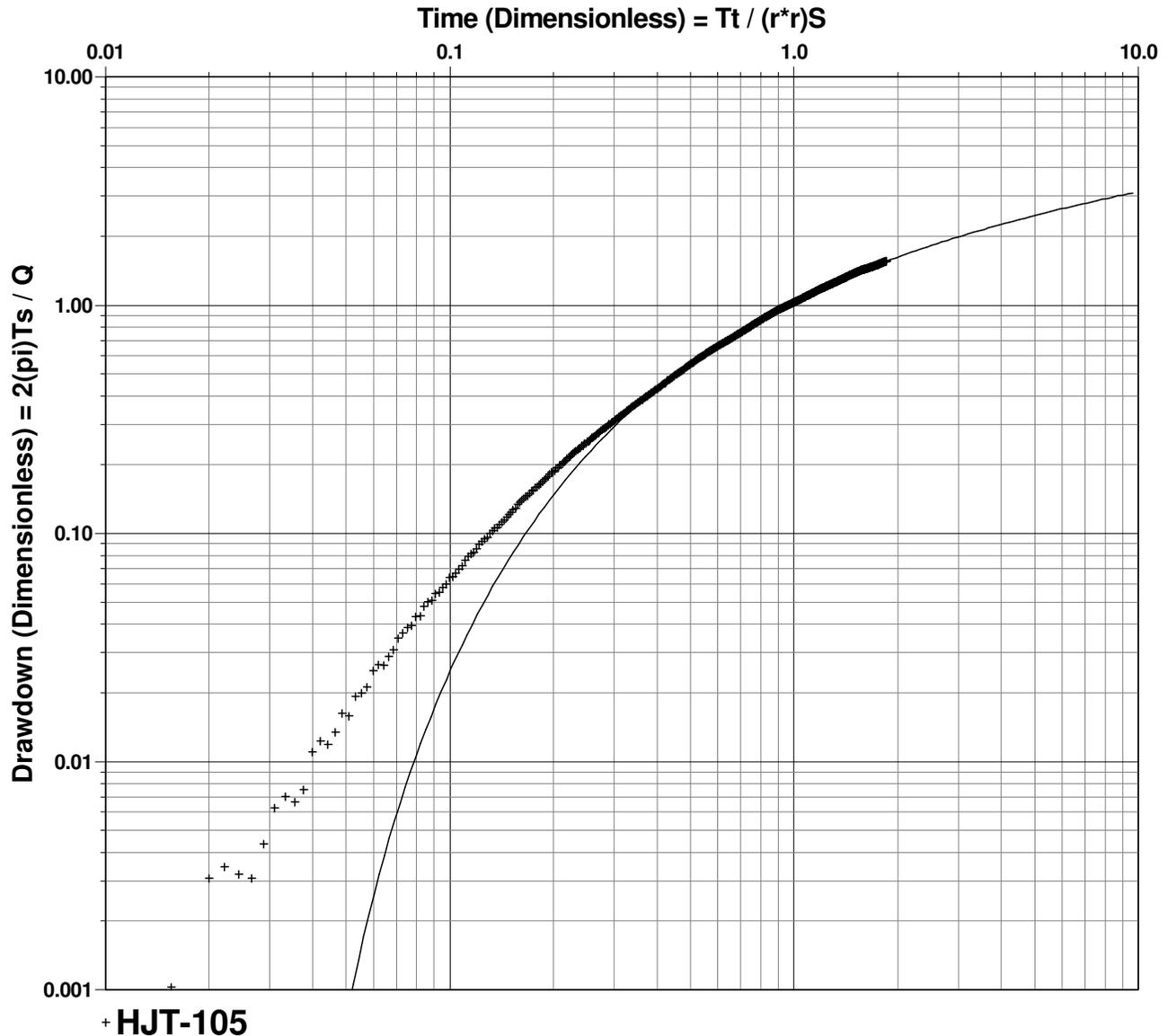
HJT-105 Theis

Analysis Date: 12/16/2008

Aquifer Thickness: 120.00 ft

Discharge Rate: 58.1 [U.S. gal/min]

Analysis:



Calculation after Theis

Observation Well	Transmissivity [ft <sup>2</sup> /d]	Hydraulic Conductivity [ft/d]	Storage coefficient	Radial Distance to PW [ft]
HJT-105	$1.14 \times 10^2$	$9.50 \times 10^{-1}$	$3.02 \times 10^{-4}$	769.82



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**Pumping Test Analysis Report**

Project: Lost Creek MU1 Pump Testing, PW-101

Number:

Client: UR Energy

Location: Lost Creek Mine Unit 1

Pumping Test: PW-101 Test, South Side of Fault

Pumping Well: PW-101

Test Conducted by: KRS/AAP

Test Date: 12/9/2008

Analysis Performed by:

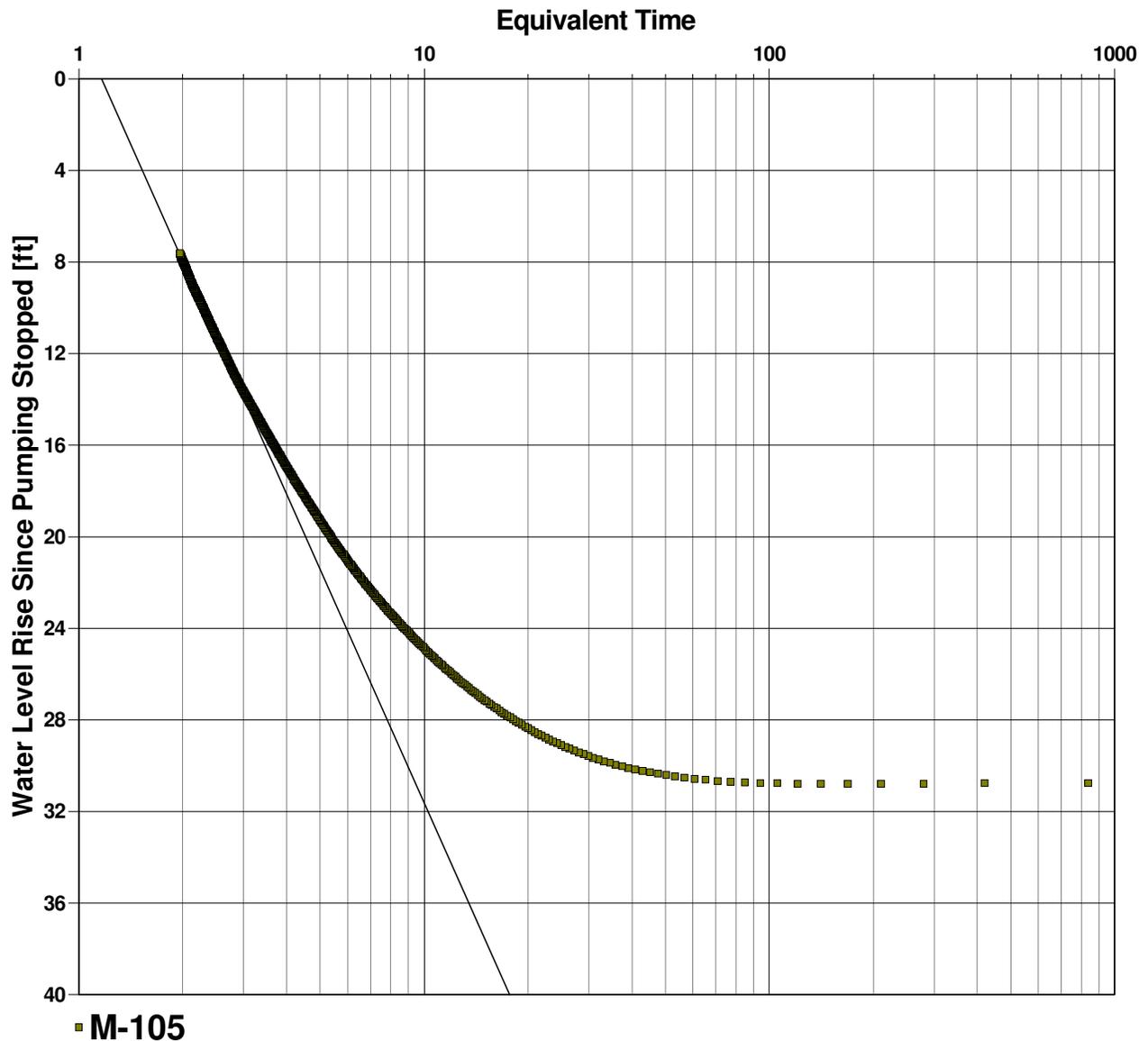
M-105 Theis Recovery

Analysis Date: 1/13/2009

Aquifer Thickness: 120.00 ft

Discharge Rate: 58.1 [U.S. gal/min]

Analysis:



Calculation after Theis & Jacob

Observation Well	Transmissivity [ft <sup>2</sup> /d]	Hydraulic Conductivity [ft/d]	Radial Distance to PW [ft]
M-105	$6.05 \times 10^{-1}$	$5.04 \times 10^{-1}$	1092.15



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**Pumping Test Analysis Report**

Project: Lost Creek MU1 Pump Testing, PW-101

Number:

Client: UR Energy

Location: Lost Creek Mine Unit 1

Pumping Test: PW-101 Test, South Side of Fault

Pumping Well: PW-101

Test Conducted by: KRS/AAP

Test Date: 12/9/2008

Analysis Performed by:

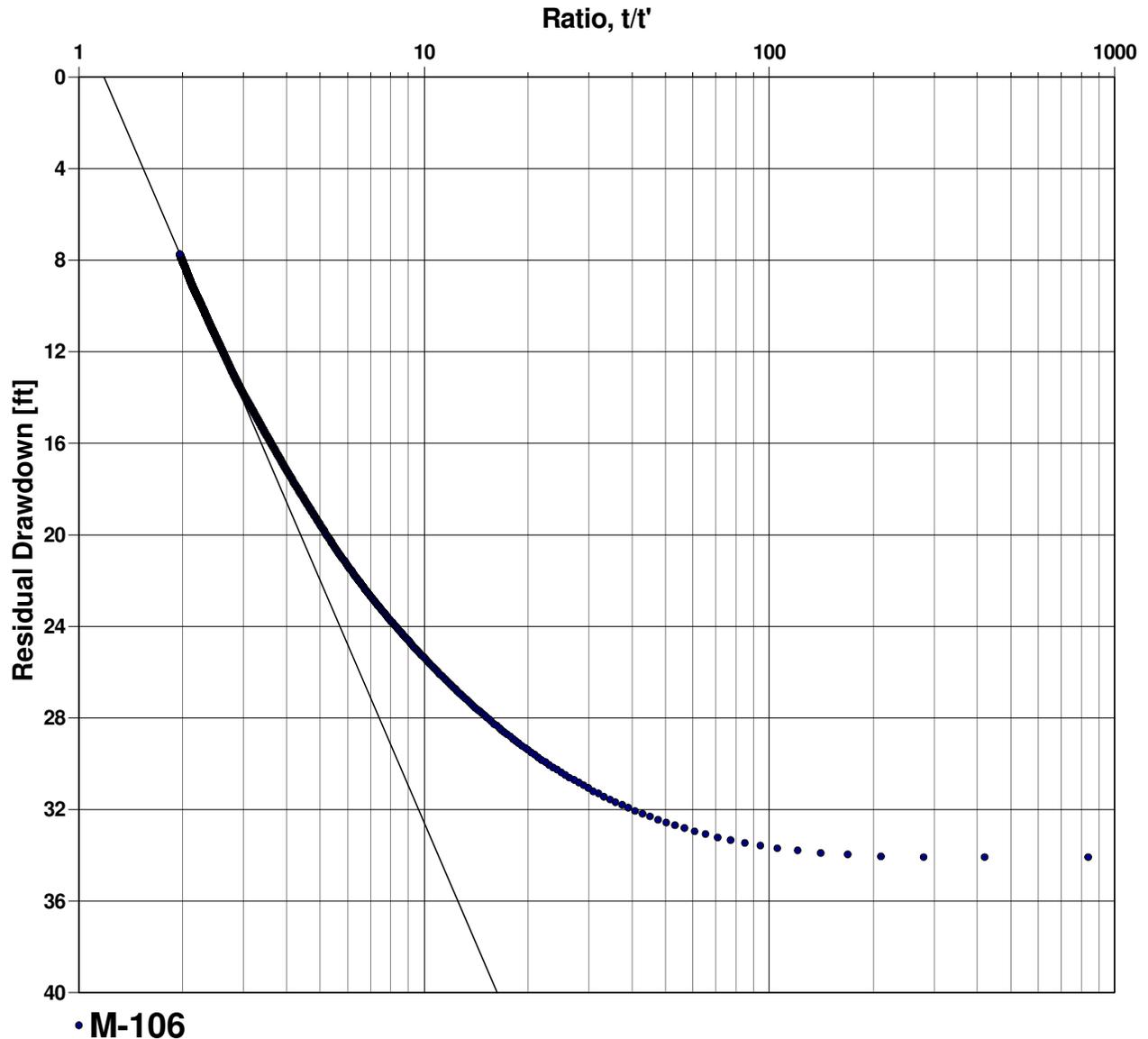
M-106 Theis Recovery

Analysis Date: 1/13/2009

Aquifer Thickness: 120.00 ft

Discharge Rate: 58.1 [U.S. gal/min]

Analysis:



Calculation after Theis & Jacob

Observation Well	Transmissivity [ft <sup>2</sup> /d]	Hydraulic Conductivity [ft/d]	Radial Distance to PW [ft]
M-106	$5.83 \times 10^1$	$4.86 \times 10^{-1}$	662.75



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**Pumping Test Analysis Report**

Project: Lost Creek MU1 Pump Testing, PW-101

Number:

Client: UR Energy

Location: Lost Creek Mine Unit 1

Pumping Test: PW-101 Test, South Side of Fault

Pumping Well: PW-101

Test Conducted by: KRS/AAP

Test Date: 12/9/2008

Analysis Performed by:

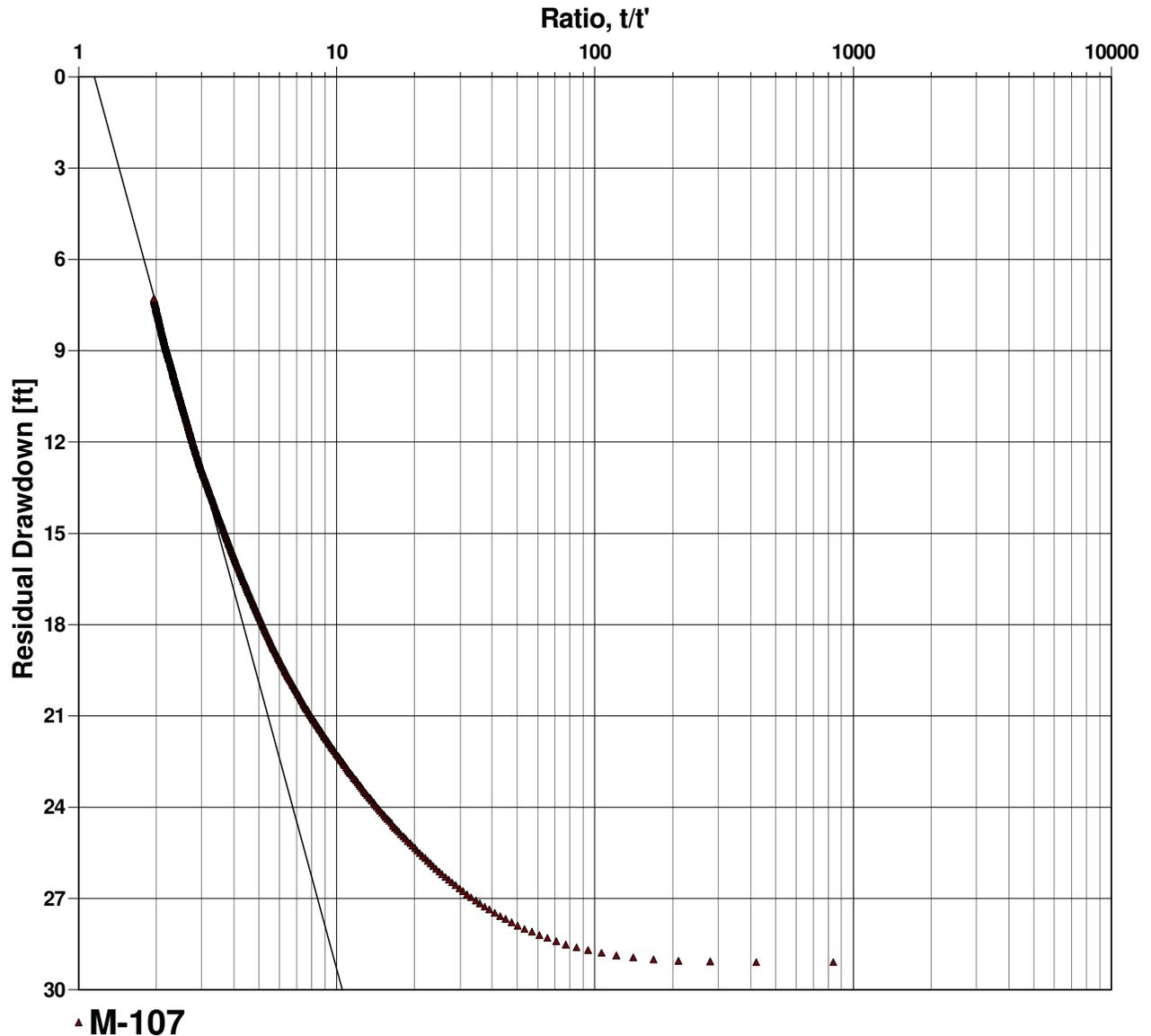
M-107 Theis Recovery

Analysis Date: 1/13/2009

Aquifer Thickness: 120.00 ft

Discharge Rate: 58.1 [U.S. gal/min]

Analysis:



Calculation after Theis & Jacob

Observation Well	Transmissivity [ft <sup>2</sup> /d]	Hydraulic Conductivity [ft/d]	Radial Distance to PW [ft]
M-107	$6.56 \times 10^{-1}$	$5.46 \times 10^{-1}$	581.77



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**Pumping Test Analysis Report**

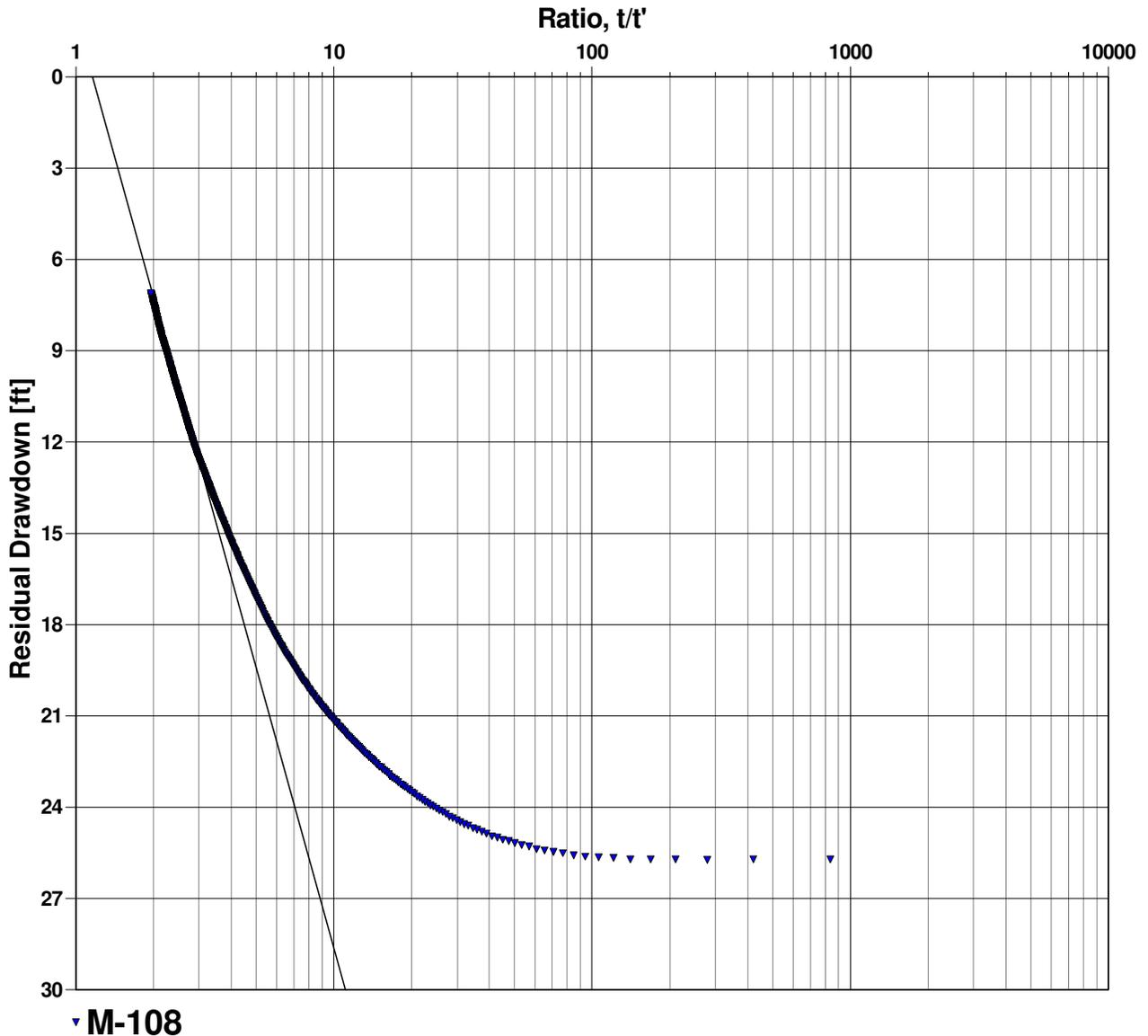
Project: Lost Creek MU1 Pump Testing, PW-101

Number:

Client: UR Energy

Location: Lost Creek Mine Unit 1	Pumping Test: PW-101 Test, South Side of Fault	Pumping Well: PW-101
Test Conducted by: KRS/AAP		Test Date: 12/9/2008
Analysis Performed by:	M-108 Theis Recovery	Analysis Date: 1/13/2009
Aquifer Thickness: 120.00 ft	Discharge Rate: 58.1 [U.S. gal/min]	

Analysis:



Calculation after Theis & Jacob

Observation Well	Transmissivity [ft <sup>2</sup> /d]	Hydraulic Conductivity [ft/d]	Radial Distance to PW [ft]
M-108	$6.69 \times 10^1$	$5.57 \times 10^{-1}$	663.31



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**Pumping Test Analysis Report**

Project: Lost Creek MU1 Pump Testing, PW-101

Number:

Client: UR Energy

Location: Lost Creek Mine Unit 1

Pumping Test: PW-101 Test, South Side of Fault

Pumping Well: PW-101

Test Conducted by: KRS/AAP

Test Date: 12/9/2008

Analysis Performed by:

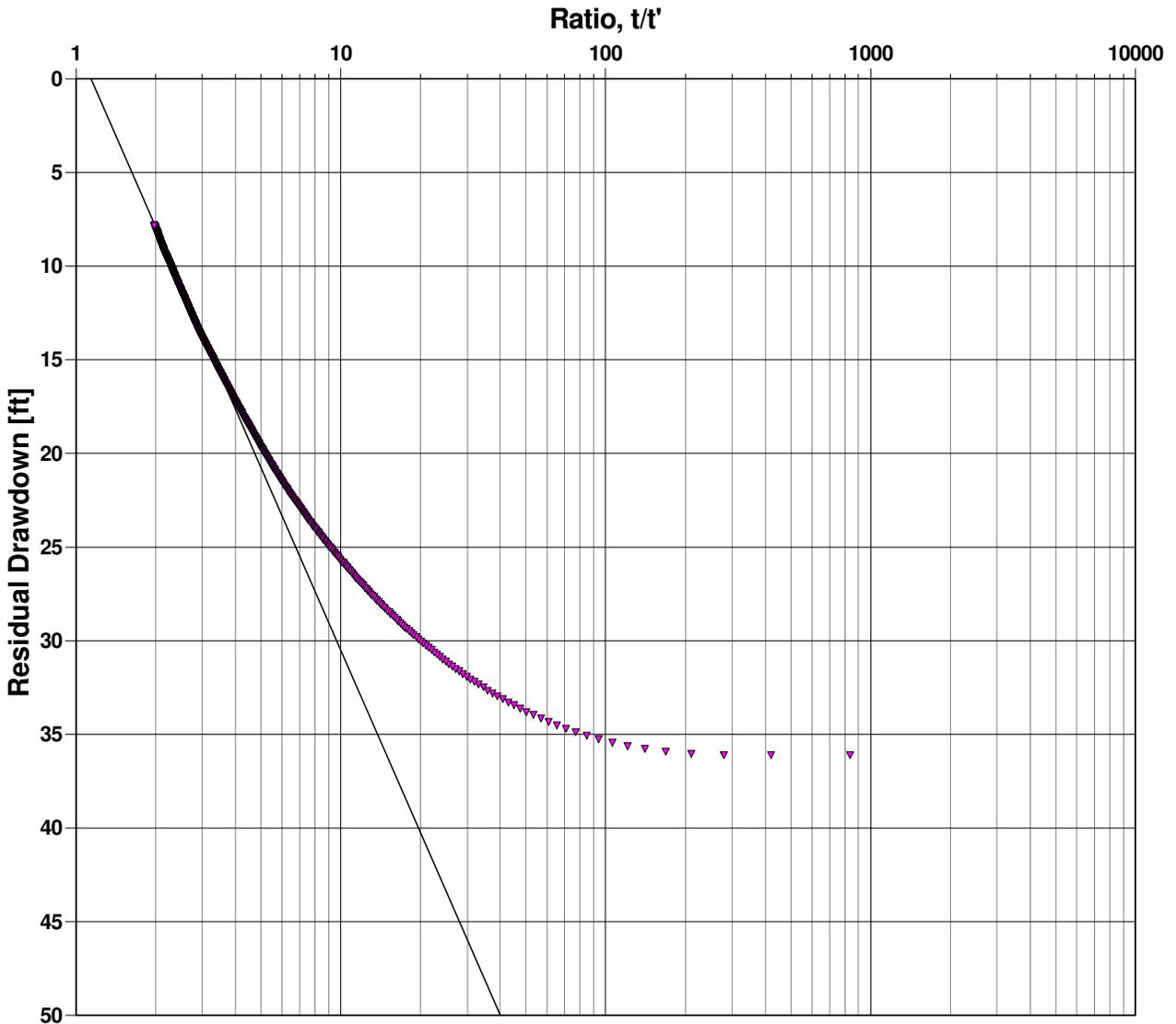
MP-103 Theis Recovery

Analysis Date: 1/13/2009

Aquifer Thickness: 120.00 ft

Discharge Rate: 58.1 [U.S. gal/min]

Analysis:



▼ MP-103

Calculation after Theis & Jacob

Observation Well	Transmissivity [ft <sup>2</sup> /d]	Hydraulic Conductivity [ft/d]	Radial Distance to PW [ft]
MP-103	$6.33 \times 10^{-1}$	$5.27 \times 10^{-1}$	563.51



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**Pumping Test Analysis Report**

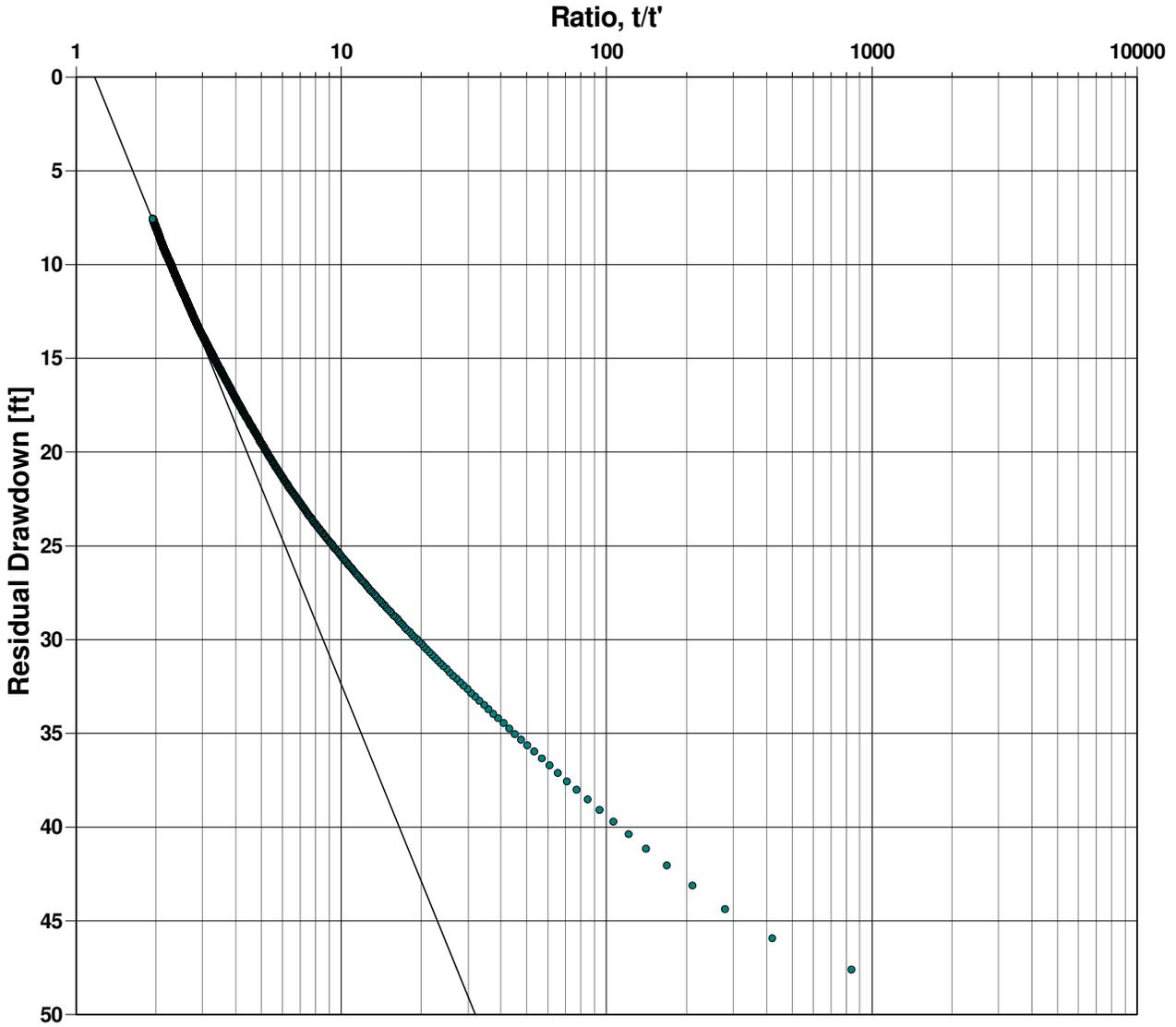
Project: Lost Creek MU1 Pump Testing, PW-101

Number:

Client: UR Energy

Location: Lost Creek Mine Unit 1	Pumping Test: PW-101 Test, South Side of Fault	Pumping Well: PW-101
Test Conducted by: KRS/AAP		Test Date: 12/9/2008
Analysis Performed by:	MP-104 Theis Recovery	Analysis Date: 1/13/2009
Aquifer Thickness: 120.00 ft	Discharge Rate: 58.1 [U.S. gal/min]	

Analysis:



• MP-104

Calculation after Theis & Jacob

Observation Well	Transmissivity [ft <sup>2</sup> /d]	Hydraulic Conductivity [ft/d]	Radial Distance to PW [ft]
MP-104	$5.88 \times 10^1$	$4.90 \times 10^{-1}$	297.49



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**Pumping Test Analysis Report**

Project: Lost Creek MU1 Pump Testing, PW-101

Number:

Client: UR Energy

Location: Lost Creek Mine Unit 1

Pumping Test: PW-101 Test, South Side of Fault

Pumping Well: PW-101

Test Conducted by: KRS/AAP

Test Date: 12/9/2008

Analysis Performed by:

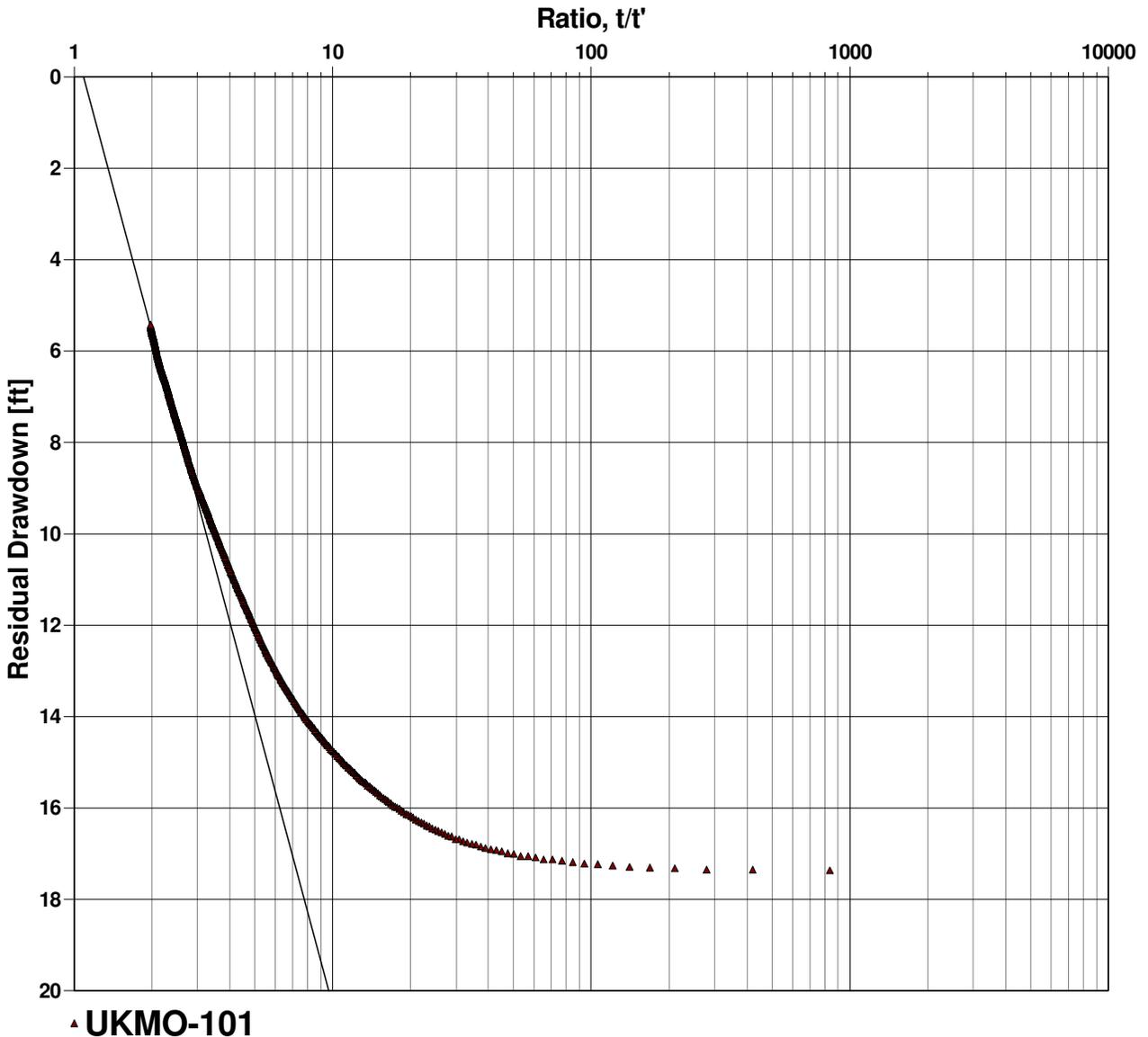
UKMO-101 Theis Recovery

Analysis Date: 1/13/2009

Aquifer Thickness: 120.00 ft

Discharge Rate: 58.1 [U.S. gal/min]

Analysis:



Calculation after Theis & Jacob

Observation Well	Transmissivity [ft <sup>2</sup> /d]	Hydraulic Conductivity [ft/d]	Radial Distance to PW [ft]
UKMO-101	$9.71 \times 10^{-1}$	$8.09 \times 10^{-1}$	468.92



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**Pumping Test Analysis Report**

Project: Lost Creek MU1 Pump Testing, PW-101

Number:

Client: UR Energy

Location: Lost Creek Mine Unit 1

Pumping Test: PW-101 Test, South Side of Fault

Pumping Well: PW-101

Test Conducted by: KRS/AAP

Test Date: 12/9/2008

Analysis Performed by:

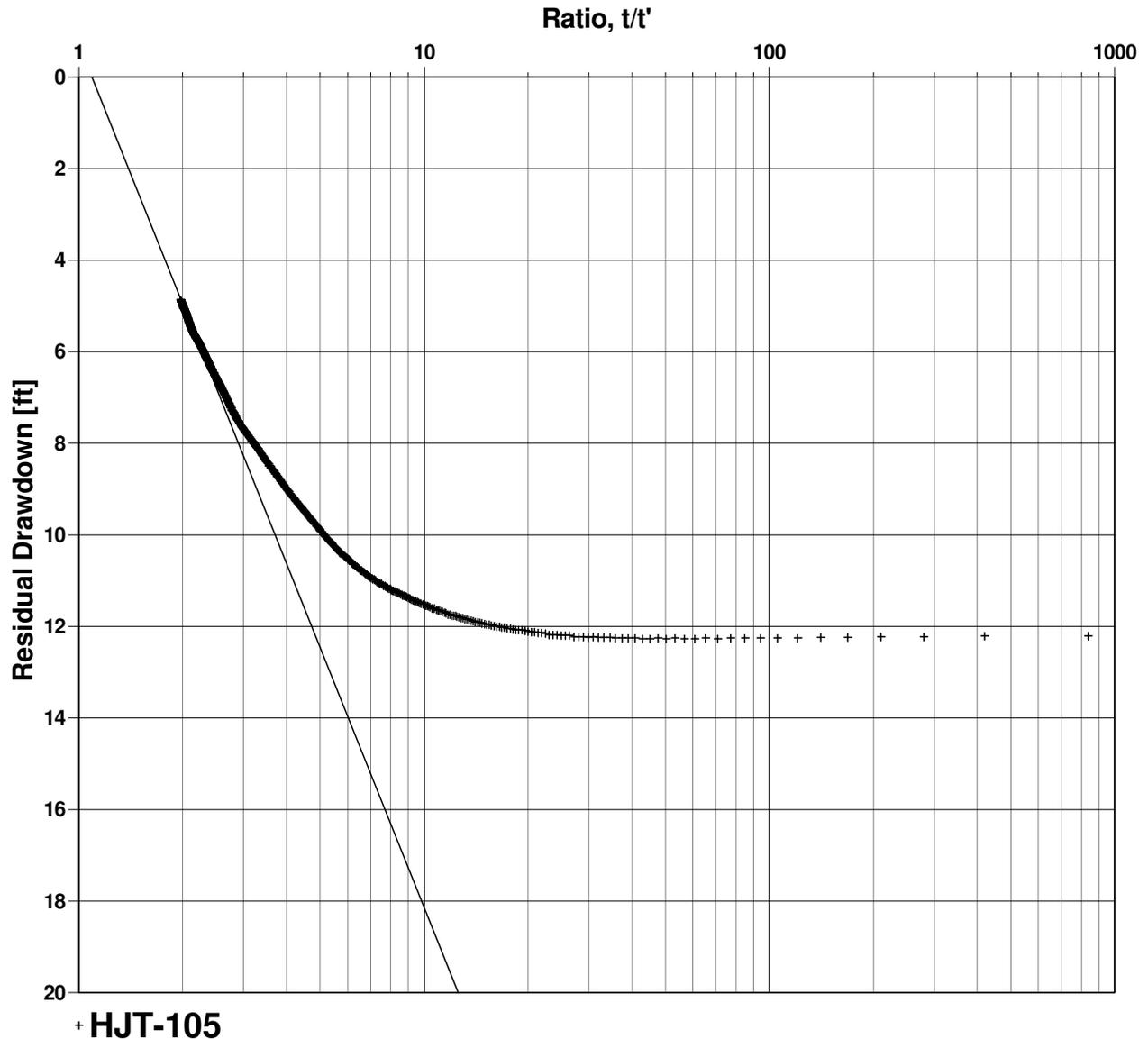
HJT-105 Theis Recovery

Analysis Date: 1/13/2009

Aquifer Thickness: 120.00 ft

Discharge Rate: 58.1 [U.S. gal/min]

Analysis:



Calculation after Theis & Jacob

Observation Well	Transmissivity [ft <sup>2</sup> /d]	Hydraulic Conductivity [ft/d]	Radial Distance to PW [ft]
HJT-105	$1.09 \times 10^2$	$9.05 \times 10^{-1}$	769.82



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**Pumping Test Analysis Report**

Project: Lost Creek MU1 Pump Testing, PW-101

Number:

Client: UR Energy

Location: Lost Creek Mine Unit 1

Pumping Test: PW-101 Test, South Side of Fault

Pumping Well: PW-101

Test Conducted by: KRS/AAP

Test Date: 12/9/2008

Analysis Performed by:

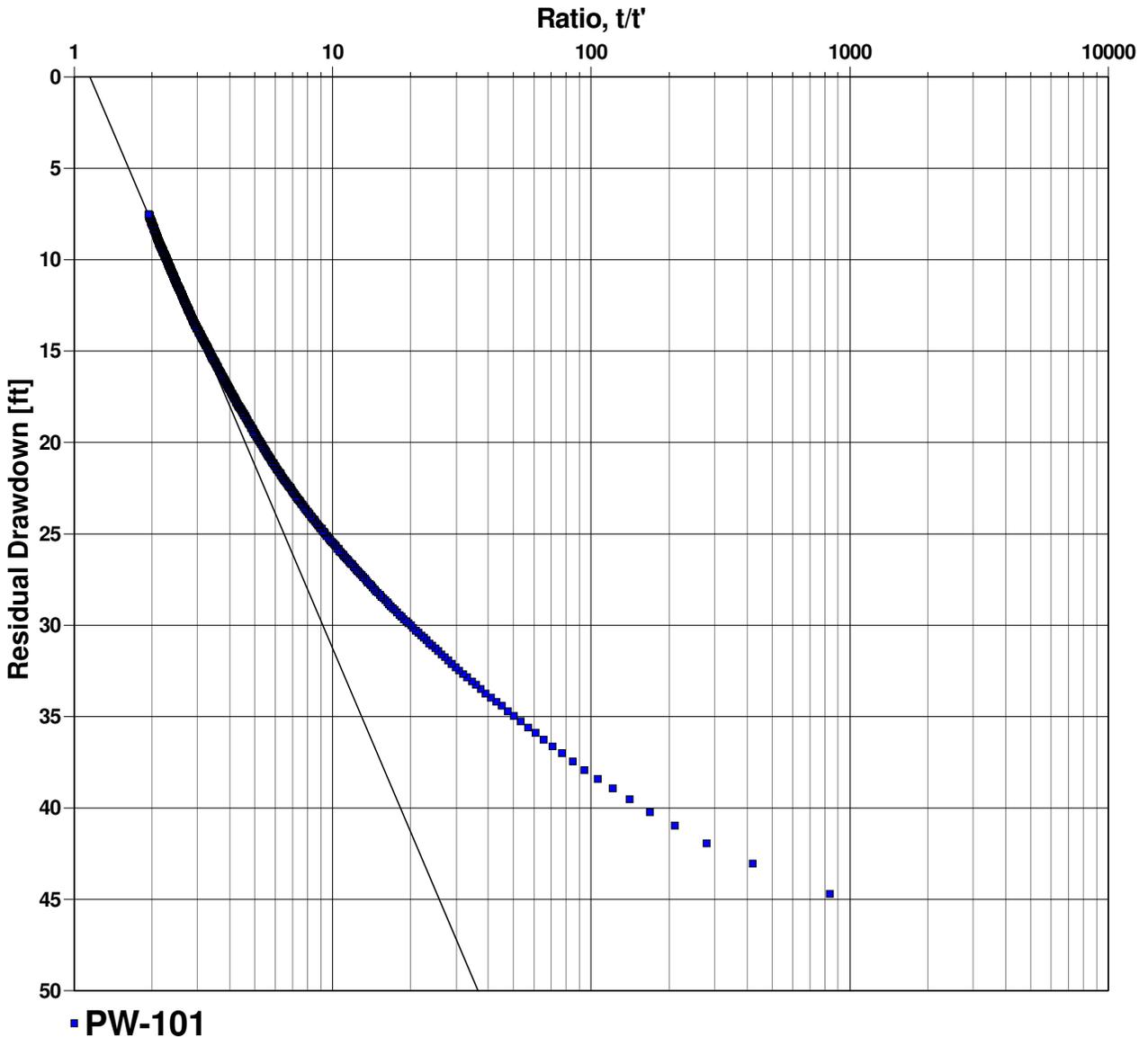
PW-101 Theis Recovery

Analysis Date: 1/13/2009

Aquifer Thickness: 120.00 ft

Discharge Rate: 58.1 [U.S. gal/min]

Analysis:



Calculation after Theis & Jacob

Observation Well	Transmissivity [ft <sup>2</sup> /d]	Hydraulic Conductivity [ft/d]	Radial Distance to PW [ft]
PW-101	$6.15 \times 10^1$	$5.12 \times 10^{-1}$	0.13