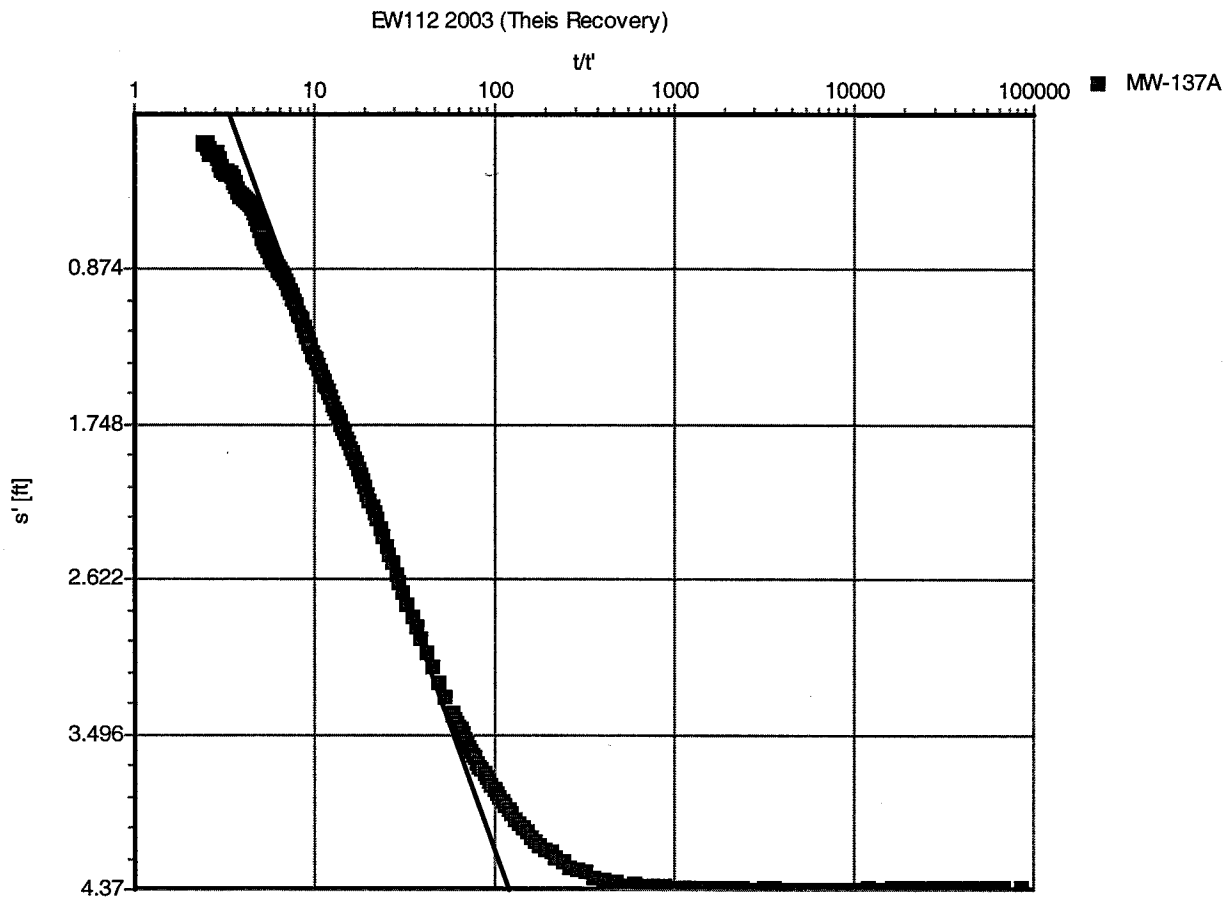
URS Corporation
2870 Gateway Oaks Drive, Suite 300
Sacramento, California 95833-4324
Phone: 916-679-2000

Aquifer Test Analysis Report

Project:	Muscoy Remedial Action Pump Tests
No:	17324327.38509
Client:	U.S. EPA



Test name: **EW112 2003**

Analysis method: **Theis Recovery**

Analysis results:	Transmissivity:	2.89E+4 [ft²/d]	Conductivity:	4.65E+1 [ft/d]

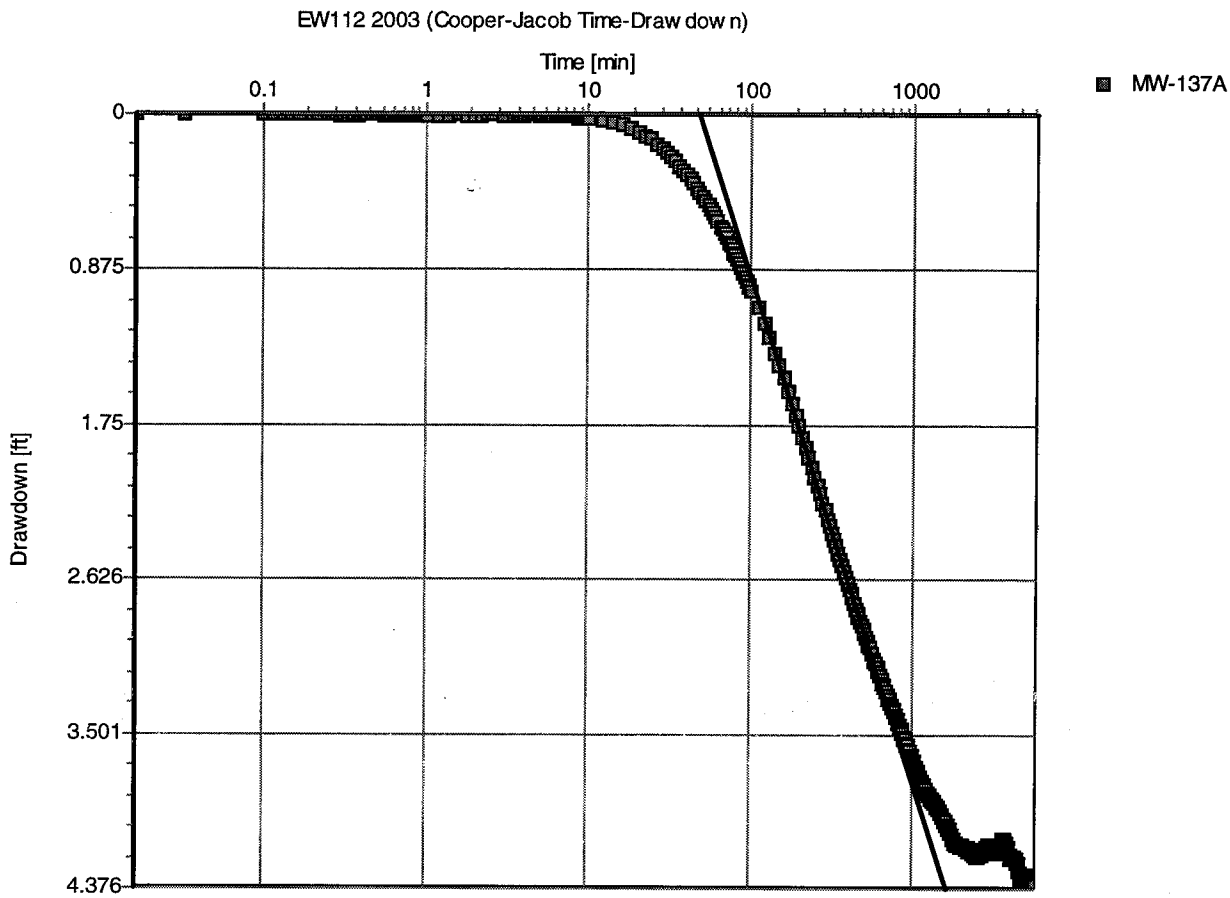
Test parameters:	Pumping well:	EW112	Aquifer thickness:	620 [ft]
	Screen radius:	1.5 [ft]	Confined aquifer	
	Screen length:	460 [ft]		
	Casing radius:	0.83 [ft]		
	Discharge rate:	2300 [U.S. gal/min]		
	Pump Time	5700 [min]		

Comments:

Evaluated by:

Date: 3/28/2003

URS	Pumping Test Analysis Report
URS 2870 Gateway Oaks Drive, Suite 300 Sacramento, CA 95833 Phone 916 679-2000	Project: Muscoy Remedial Action Pump Tests No: 41F2501600.07.02000 Client: U.S. EPA



Test name: **EW112 2003**

Analysis method: **Cooper-Jacob Time-Drawdown**

Analysis results:	Transmissivity:	2.85E+4 [ft²/d]	Conductivity:	4.59E+1 [ft/d]
	Storativity:	3.38E-4		

Test parameters:	Pumping well:	EW112	Aquifer thickness:	620 [ft]
	Screen radius:	1.5 [ft]	Confined aquifer	
	Screen length:	460 [ft]		
	Casing radius:	0.83 [ft]		
	Discharge rate:	2300 [U.S. gal/min]		

Comments:

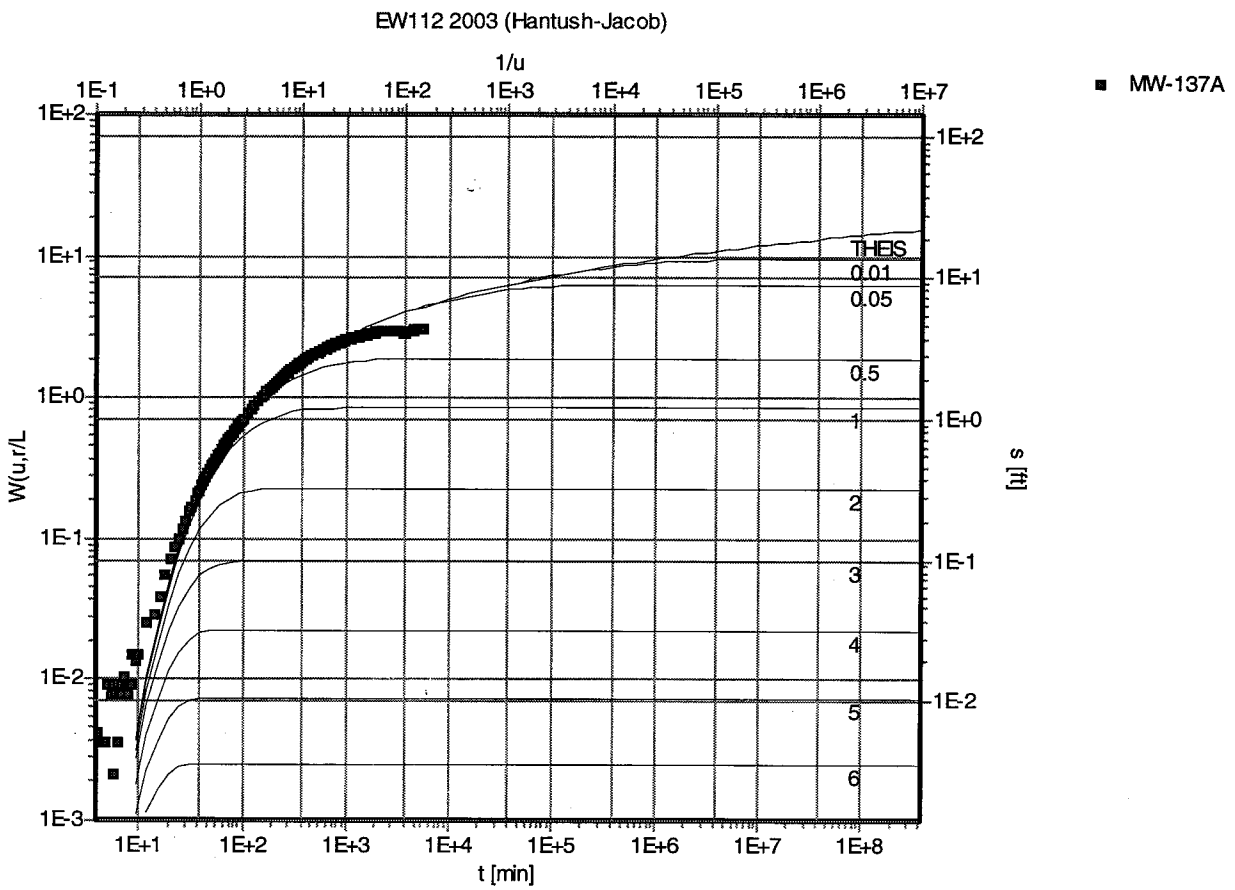
Evaluated by:

Date: 3/28/2003

URS
2870 Gateway Oaks Drive, Suite 300
Sacramento, CA 95833
Phone 916 679-2000

Pumping Test Analysis Report

Project:	Muscoy Remedial Action Pump Tests
No:	41F2501600.07.02000
Client:	U.S. EPA



Test name: **EW112 2003**

Analysis method: **Hantush-Jacob**

Analysis results:	Transmissivity:	2.48E+4 [ft²/d]	Conductivity:	4.00E+1 [ft/d]
	Storativity:	4.21E-4	c:	3.63E+9 [min]

Test parameters:	Pumping well:	EW112	Aquifer thickness:	620 [ft]
	Screen radius:	1.5 [ft]	r/L:	0.01
	Screen length:	460 [ft]		
	Casing radius:	0.83 [ft]		
	Discharge rate:	2300 [U.S. gal/min]		

Comments:

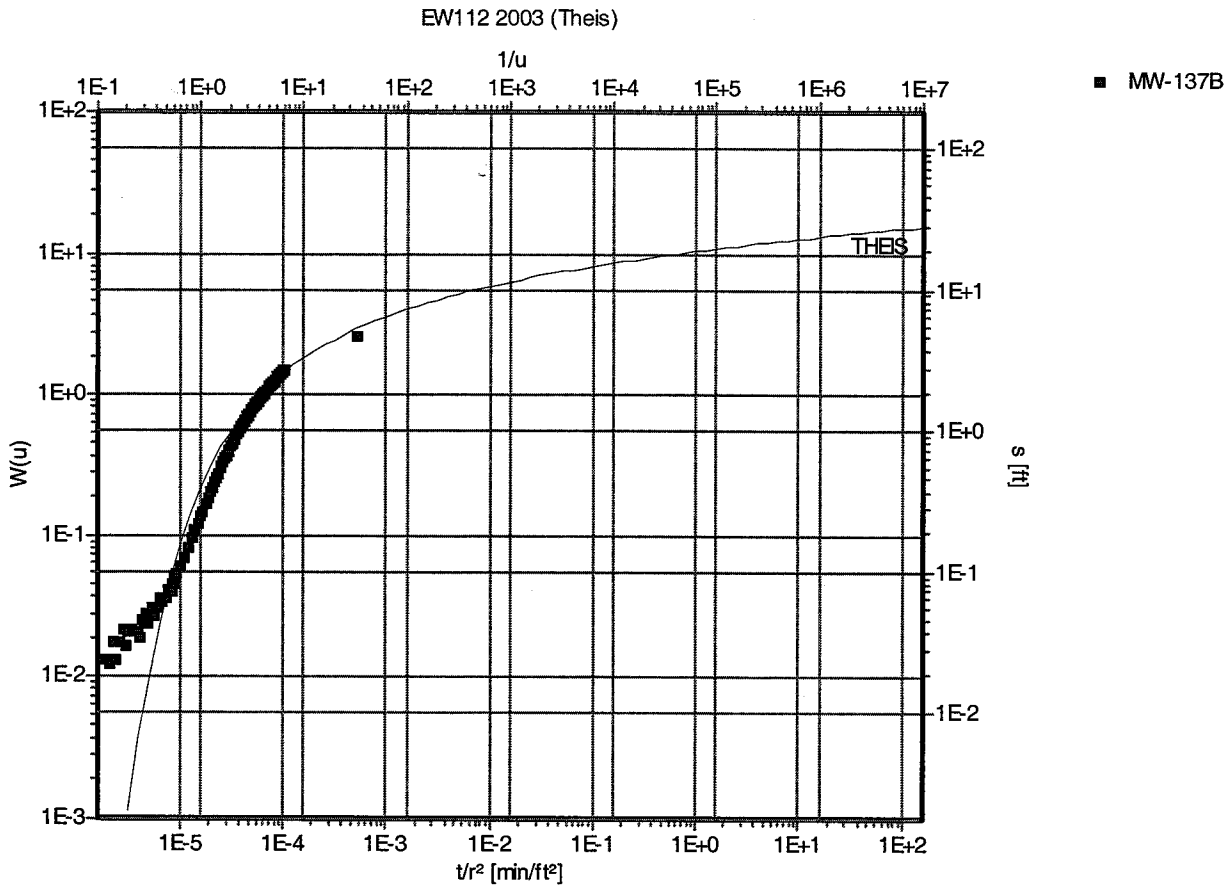
Evaluated by:

Date: 3/28/2003

URS Corporation
2870 Gateway Oaks Drive, Suite 300
Sacramento, California 95833-4324
Phone: 916-679-2000

Aquifer Test Analysis Report

Project:	Muscoy Remedial Action Pump Tests
No:	17324327.38509
Client:	U.S. EPA



Test name: **EW112 2003**

Analysis method: **Theis**

Analysis results:	Transmissivity:	1.96E+4 [ft²/d]	Conductivity:	3.16E+1 [ft/d]
	Storativity:	8.66E-4		

Test parameters:	Pumping well:	EW112	Aquifer thickness:	620 [ft]
	Screen radius:	1.5 [ft]	Confined aquifer	
	Screen length:	460 [ft]		
	Casing radius:	0.83 [ft]		
	Discharge rate:	2300 [U.S. gal/min]		

Comments:

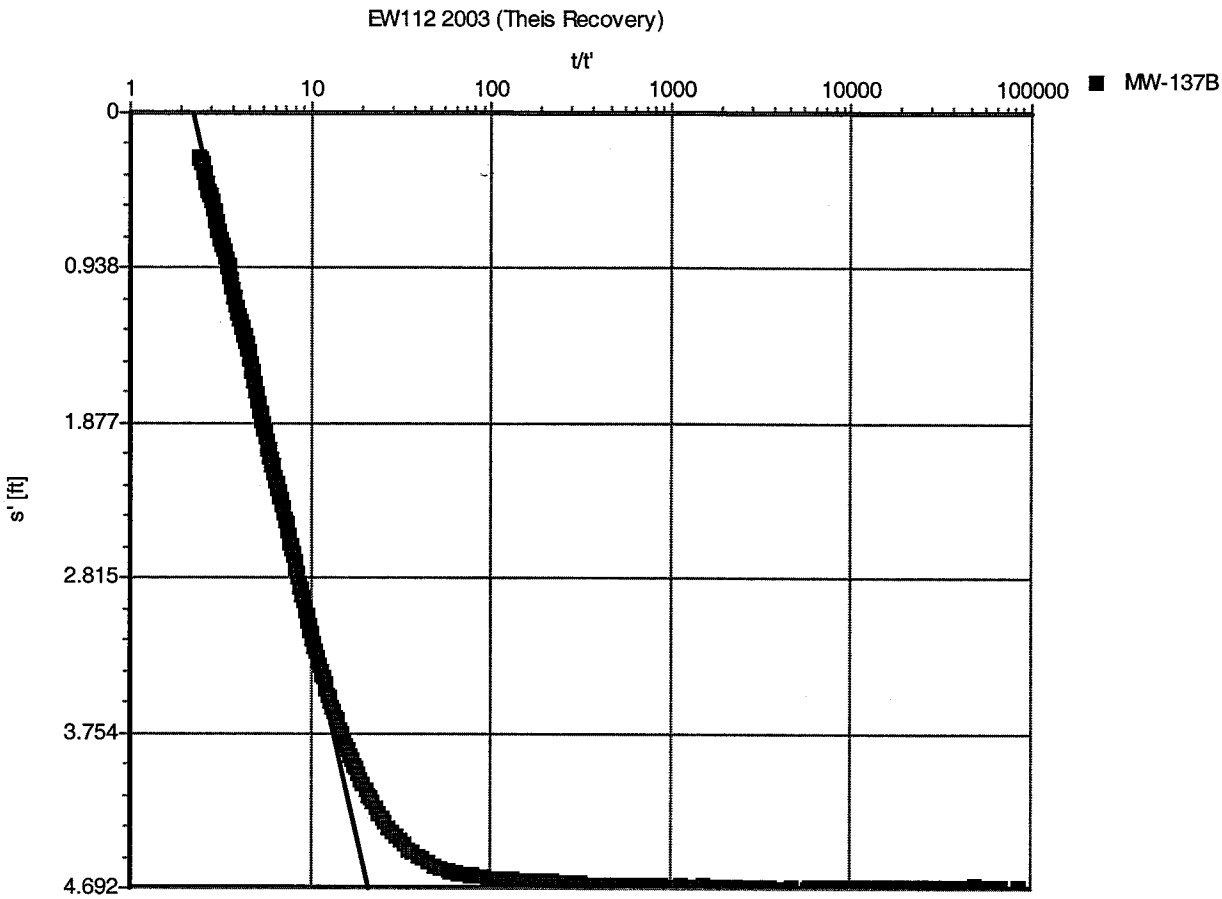
Evaluated by:

Date: 3/28/2003

URS Corporation
2870 Gateway Oaks Drive, Suite 300
Sacramento, California 95833-4324
Phone: 916-679-2000

Aquifer Test Analysis Report

Project:	Muscoy Remedial Action Pump Tests
No:	17324327.38509
Client:	U.S. EPA



Test name: **EW112 2003**

Analysis method: **Theis Recovery**

Analysis results:				
	Transmissivity:	1.68E+4 [ft²/d]	Conductivity:	2.71E+1 [ft/d]

Test parameters:				
	Pumping well:	EW112	Aquifer thickness:	620 [ft]
	Screen radius:	1.5 [ft]	Confined aquifer	
	Screen length:	460 [ft]		
	Casing radius:	0.83 [ft]		
	Discharge rate:	2300 [U.S. gal/min]		
	Pump Time	5700 [min]		

Comments:

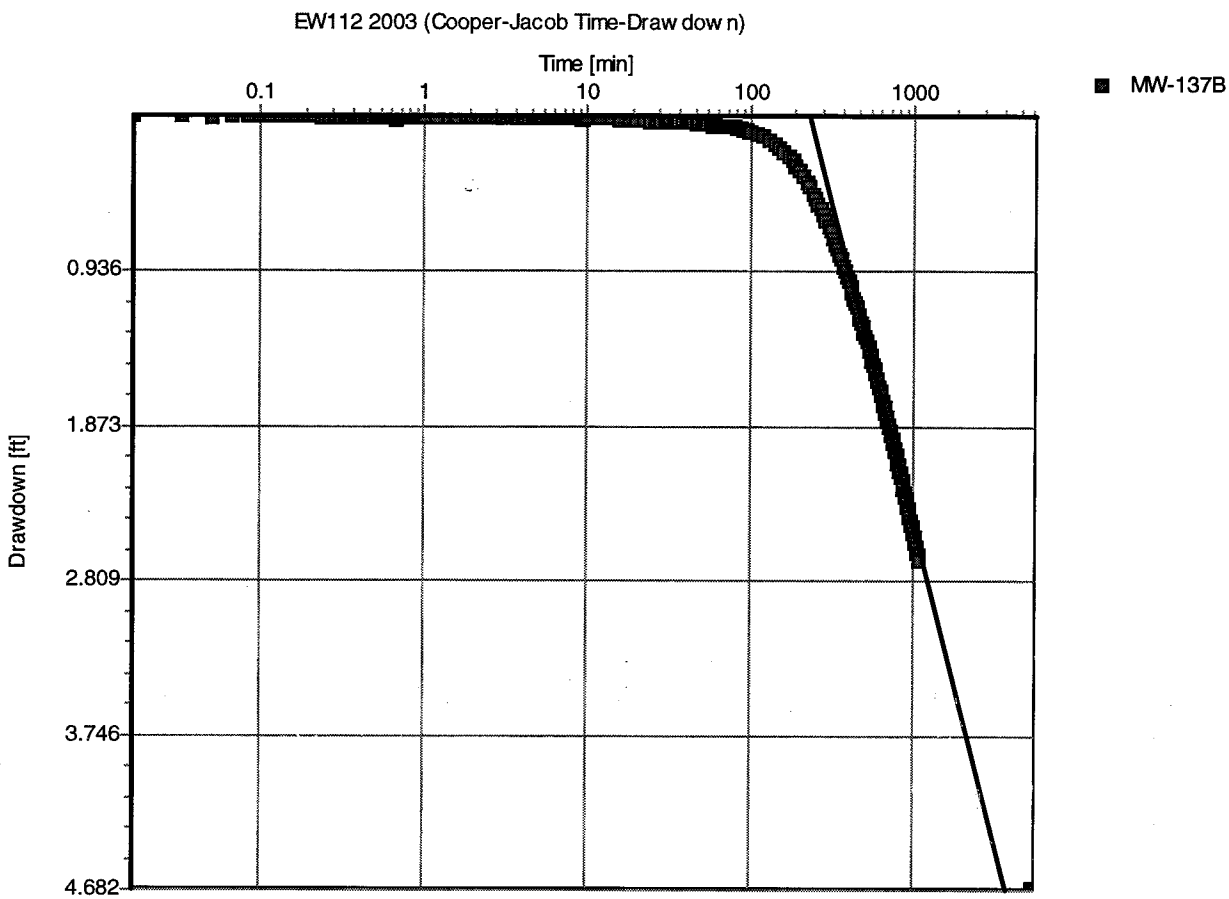
Evaluated by:

Date: 3/28/2003

URS
2870 Gateway Oaks Drive, Suite 300
Sacramento, CA 95833
Phone 916 679-2000

Pumping Test Analysis Report

Project:	Muscoy Remedial Action Pump Tests
No:	41F2501600.07.02000
Client:	U.S. EPA



Test name: **EW112 2003**

Analysis method: **Cooper-Jacob Time-Drawdown**

Analysis results:	Transmissivity:	2.12E+4 [ft²/d]	Conductivity:	3.41E+1 [ft/d]
	Storativity:	1.21E-3		

Test parameters:	Pumping well:	EW112	Aquifer thickness:	620 [ft]
	Screen radius:	1.5 [ft]	Confined aquifer	
	Screen length:	460 [ft]		
	Casing radius:	0.83 [ft]		
	Discharge rate:	2300 [U.S. gal/min]		

Comments:

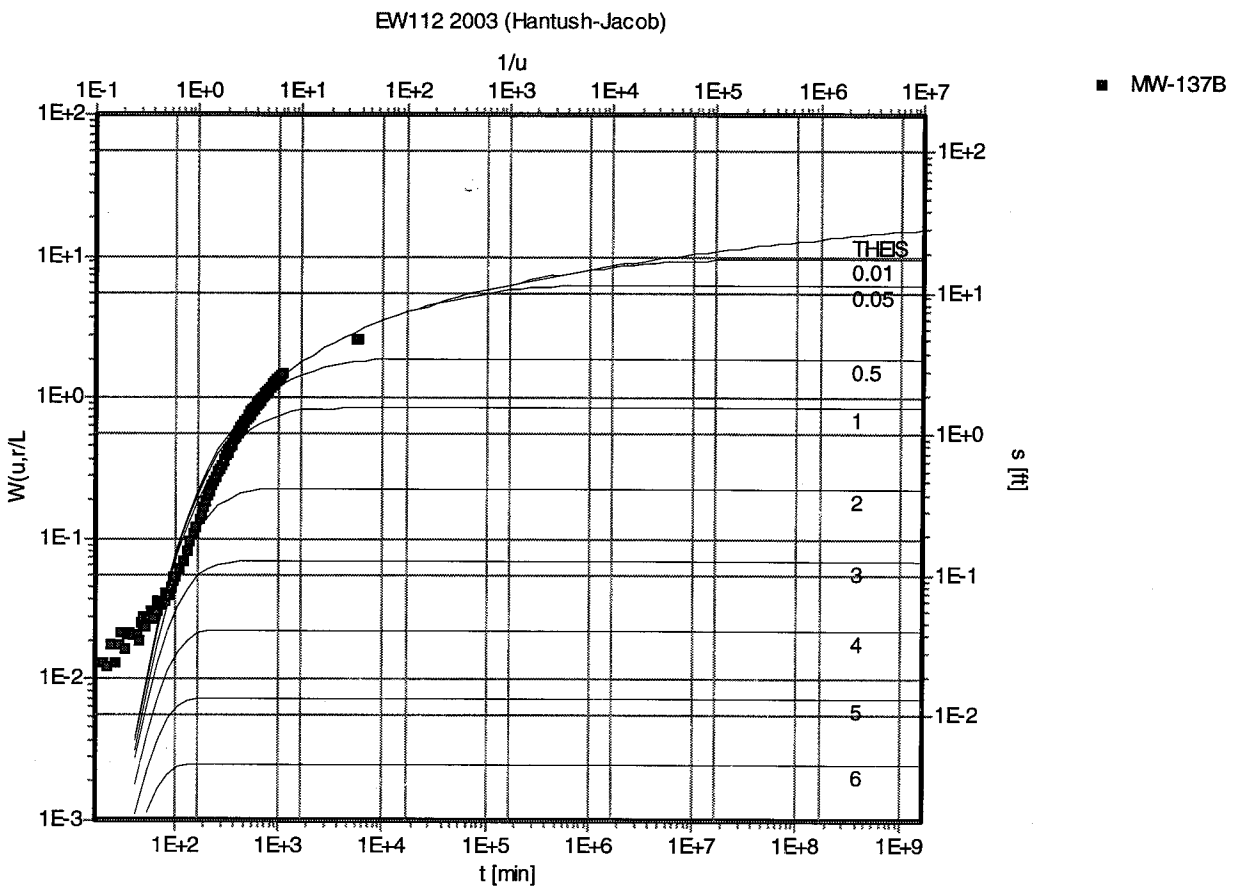
Evaluated by:

Date: 3/28/2003

URS
2870 Gateway Oaks Drive, Suite 300
Sacramento, CA 95833
Phone 916 679-2000

Pumping Test Analysis Report

Project:	Muscoy Remedial Action Pump Tests
No:	41F2501600.07.02000
Client:	U.S. EPA



Test name: **EW112 2003**

Analysis method: **Hantush-Jacob**

Analysis results:	Transmissivity:	1.96E+4 [ft²/d]	Conductivity:	3.16E+1 [ft/d]
	Storativity:	1.45E-3	c:	4.60E+9 [min]

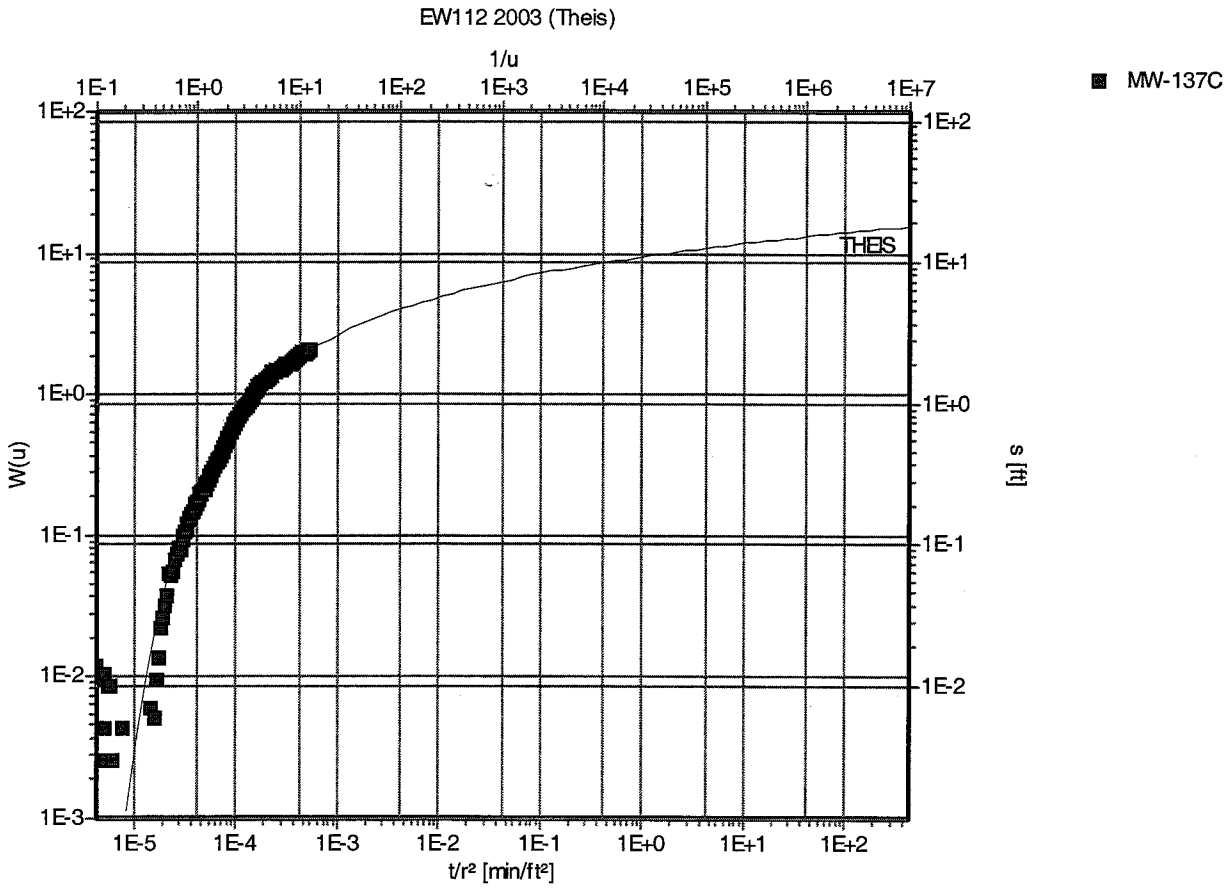
Test parameters:	Pumping well:	EW112	Aquifer thickness:	620 [ft]
	Screen radius:	1.5 [ft]	r/L:	0.01
	Screen length:	460 [ft]		
	Casing radius:	0.83 [ft]		
	Discharge rate:	2300 [U.S. gal/min]		

Comments:

Evaluated by:

Date: 3/28/2003

URS	**Aquifer Test Analysis Report**	
URS 2879 Gateway Oaks Drive, Suite 300 Sacramento, California (916) 679-2000	Project:	Muscoy Remedial Action Pump Tests
	No:	41F2501600.07.02000
	Client:	U.S. EPA



Test name: **EW112 2003**

Analysis method: **Theis**

Analysis results:	Transmissivity:	3.04E+4 [ft²/d]	Conductivity:	4.90E+1 [ft/d]
	Storativity:	3.61E-3		

Test parameters:	Pumping well:	EW112	Aquifer thickness:	620 [ft]
	Screen radius:	1.5 [ft]	Confined aquifer	
	Screen length:	460 [ft]		
	Casing radius:	0.83 [ft]		
	Discharge rate:	2300 [U.S. gal/min]		

Comments:

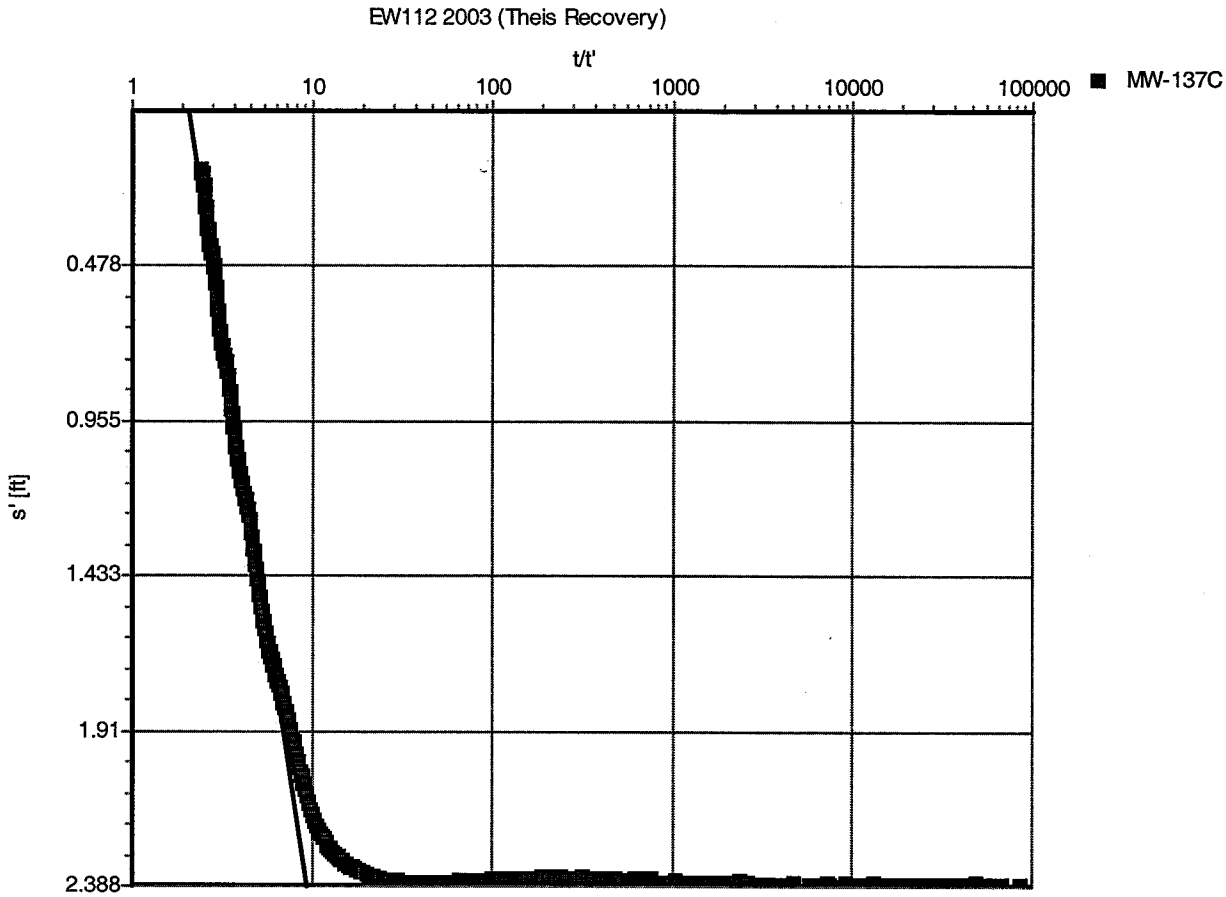
Evaluated by:

Date: 3/28/03

URS Corporation
2870 Gateway Oaks Drive, Suite 300
Sacramento, California 95833-4324
Phone: 916-679-2000

Aquifer Test Analysis Report

Project:	Muscoy Remedial Action Pump Tests
No:	17324327.38509
Client:	U.S. EPA



Test name: **EW112 2003**

Analysis method: **Theis Recovery**

Analysis results:	Transmissivity:	2.22E+4 [ft²/d]	Conductivity:	3.57E+1 [ft/d]

Test parameters:				
	Pumping well:	EW112	Aquifer thickness:	620 [ft]
	Screen radius:	1.5 [ft]	Confined aquifer	
	Screen length:	460 [ft]		
	Casing radius:	0.83 [ft]		
	Discharge rate:	2300 [U.S. gal/min]		
	Pump Time	5700 [min]		

Comments:

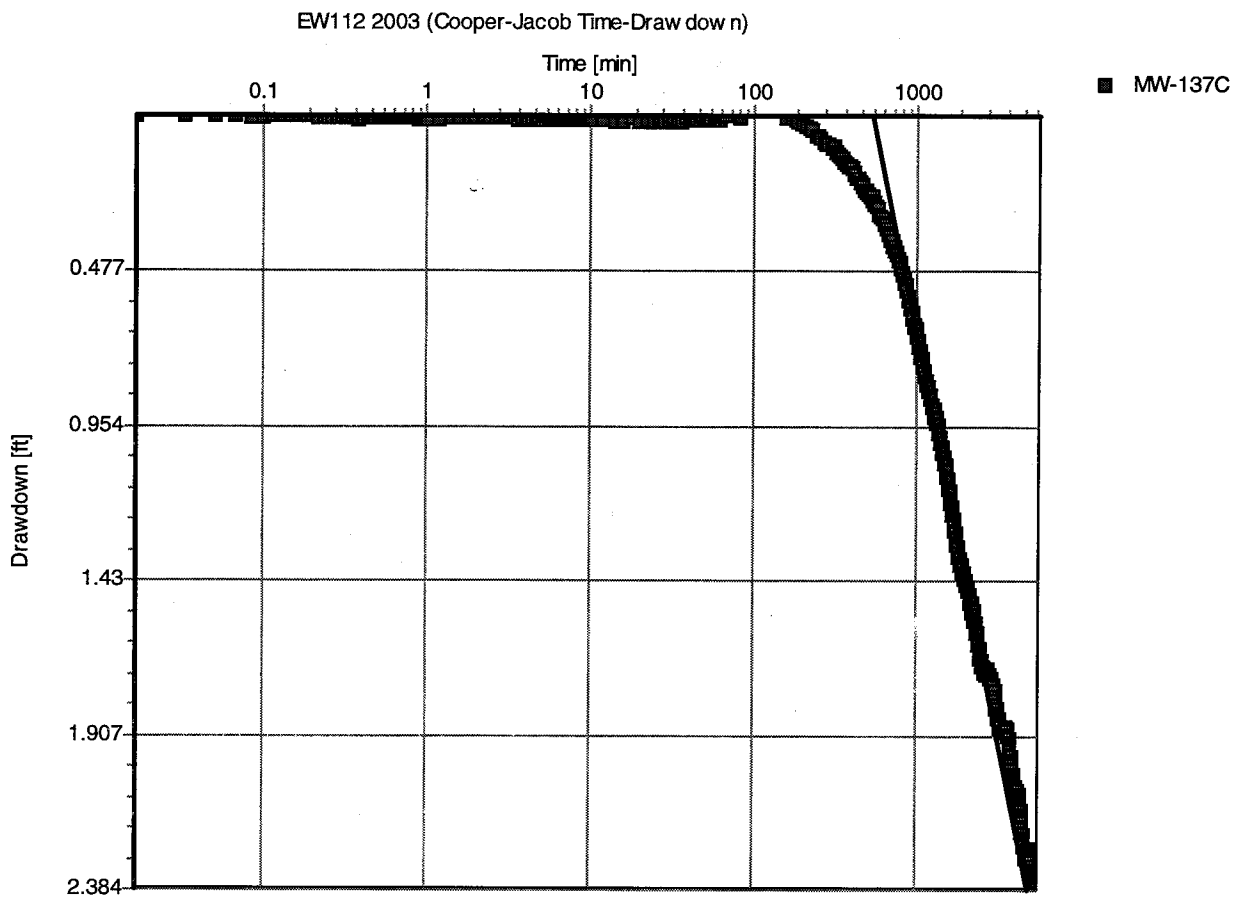
Evaluated by:

Date: 3/28/2003

URS
2870 Gateway Oaks Drive, Suite 300
Sacramento, CA 95833
Phone 916 679-2000

Pumping Test Analysis Report

Project:	Muscoy Remedial Action Pump Tests
No:	41F2501600.07.02000
Client:	U.S. EPA



Test name: **EW112 2003**

Analysis method: **Cooper-Jacob Time-Drawdown**

Analysis results:	Transmissivity:	3.30E+4 [ft²/d]	Conductivity:	5.32E+1 [ft/d]
	Storativity:	4.40E-3		

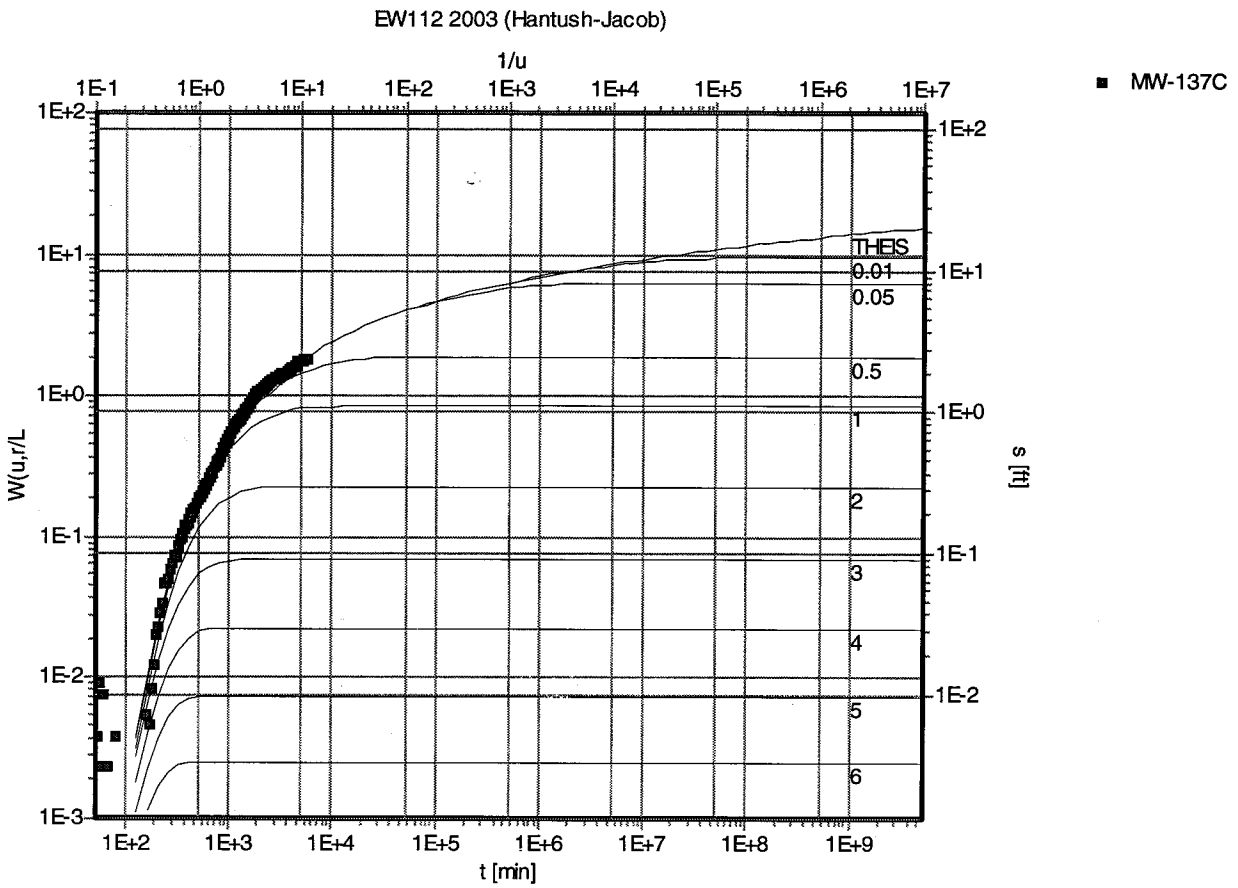
Test parameters:	Pumping well:	EW112	Aquifer thickness:	620 [ft]
	Screen radius:	1.5 [ft]	Confined aquifer	
	Screen length:	460 [ft]		
	Casing radius:	0.83 [ft]		
	Discharge rate:	2300 [U.S. gal/min]		

Comments:

Evaluated by:

Date: 3/28/2003

URS	Pumping Test Analysis Report
2870 Gateway Oaks Drive, Suite 300	Project: Muscoy Remedial Action Pump Tests
Sacramento, CA 95833	No: 41F2501600.07.02000
Phone 916 679-2000	Client: U.S. EPA



Test name: **EW112 2003**

Analysis method: **Hantush-Jacob**

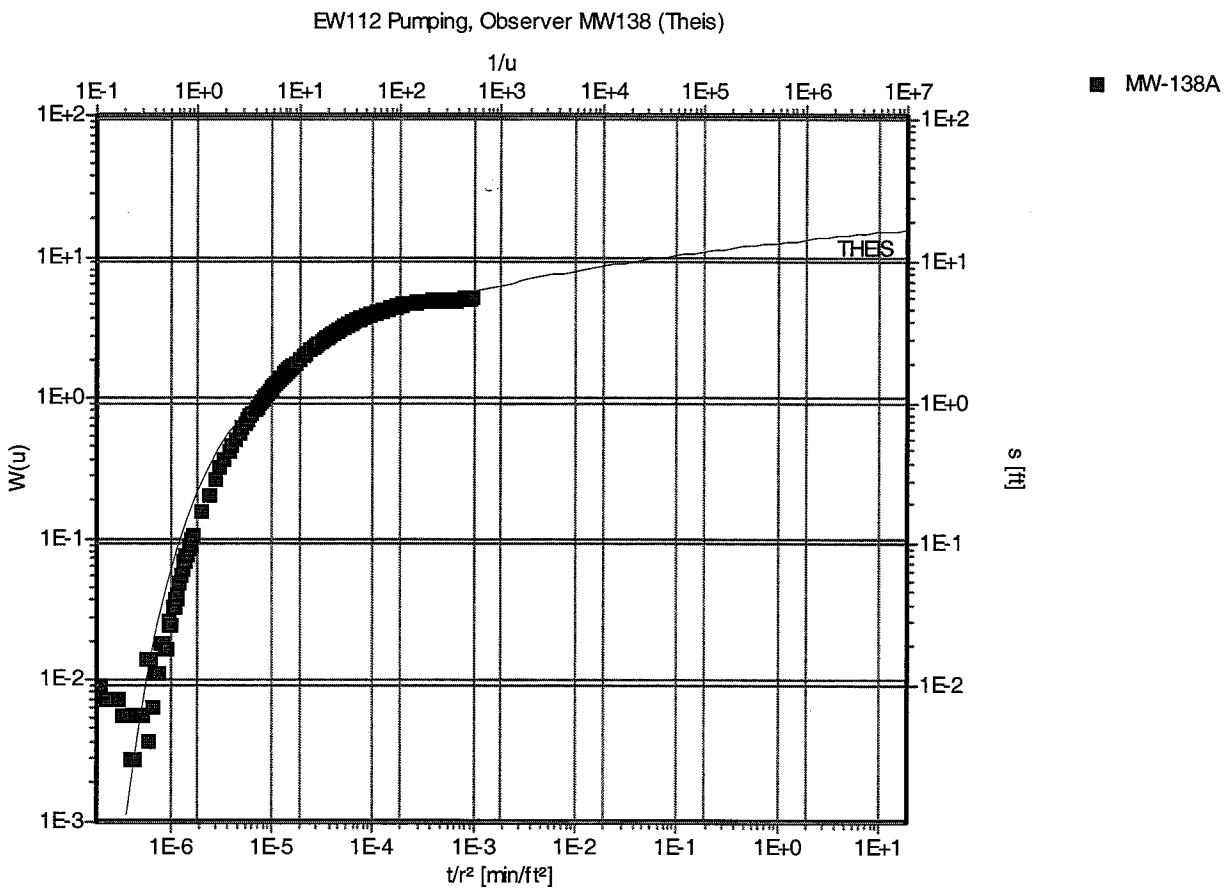
Analysis results:	Transmissivity:	2.71E+4 [ft²/d]	Conductivity:	4.36E+1 [ft/d]
	Storativity:	6.18E-3	c:	3.33E+9 [min]
Test parameters:	Pumping well:	EW112	Aquifer thickness:	620 [ft]
	Screen radius:	1.5 [ft]	r/L:	0.01
	Screen length:	460 [ft]		
	Casing radius:	0.83 [ft]		
	Discharge rate:	2300 [U.S. gal/min]		

Comments:

Evaluated by:

Date: 3/28/2003

URS	Aquifer Test Analysis Report	
URS 2879 Gateway Oaks Drive, Suite 300 Sacramento, California (916) 679-2000	Project:	Muscoy Remedial Action Pump Tests
	No:	41F2501600.07.02000
	Client:	U.S. EPA



Test name: **EW112 Pumping, Observer MW138**

Analysis method: **Theis**

Analysis results:	Transmissivity:	3.26E+4 [ft²/d]	Conductivity:	5.26E+1 [ft/d]
	Storativity:	1.70E-4		

Test parameters:	Pumping well:	EW112	Aquifer thickness:	620 [ft]
	Screen radius:	1.5 [ft]	Confined aquifer	
	Screen length:	460 [ft]		
	Casing radius:	0.83 [ft]		
	Discharge rate:	2300 [U.S. gal/min]		

Comments:

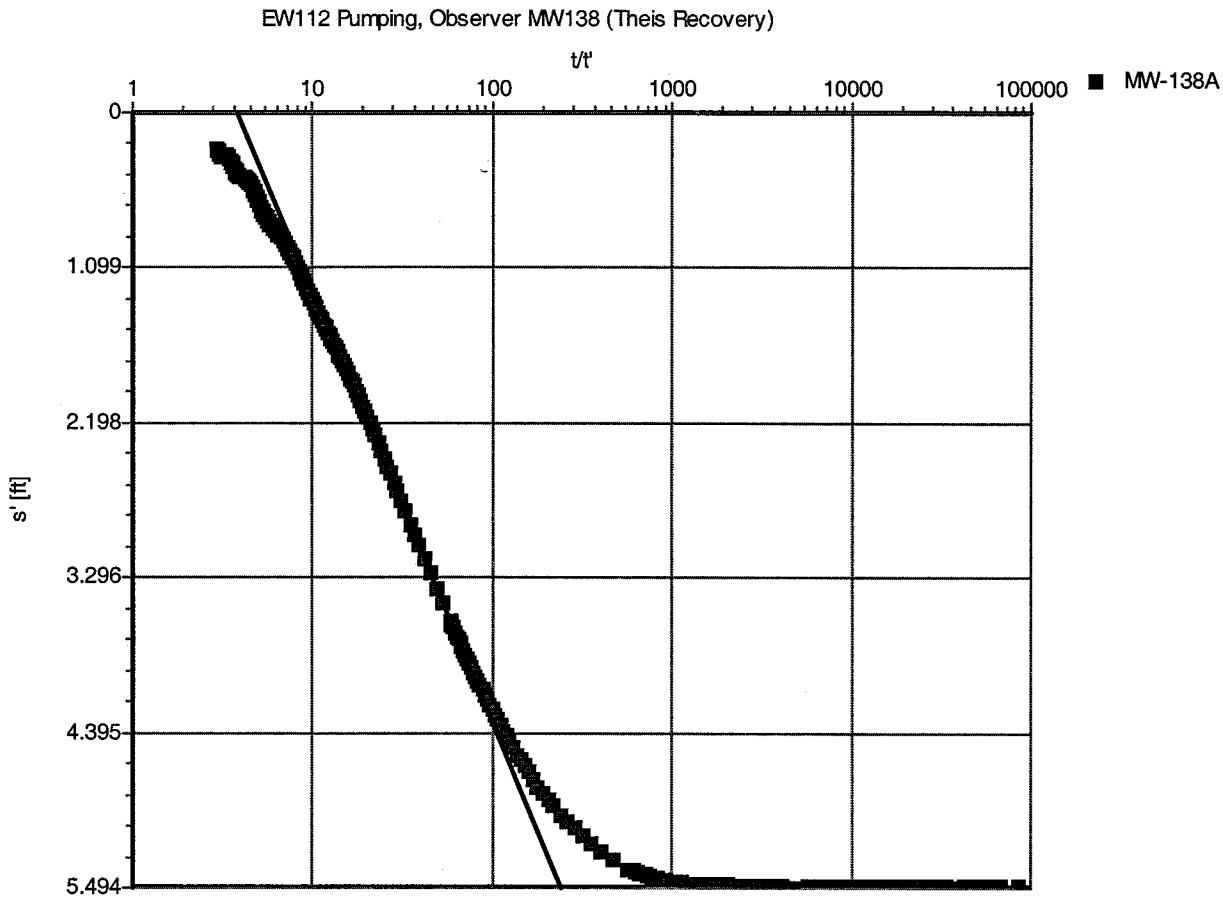
Evaluated by:

Date: 3/27/03

URS Corporation
2870 Gateway Oaks Drive, Suite 300
Sacramento, California 95833-4324
Phone: 916-679-2000

Aquifer Test Analysis Report

Project:	Muscoy Remedial Action Pump Tests
No:	17324327.38509
Client:	U.S. EPA



Test name: **EW112 Pumping, Observer MW138**

Analysis method: **Theis Recovery**

Analysis results:	Transmissivity:	2.65E+4 [ft²/d]	Conductivity:	4.27E+1 [ft/d]

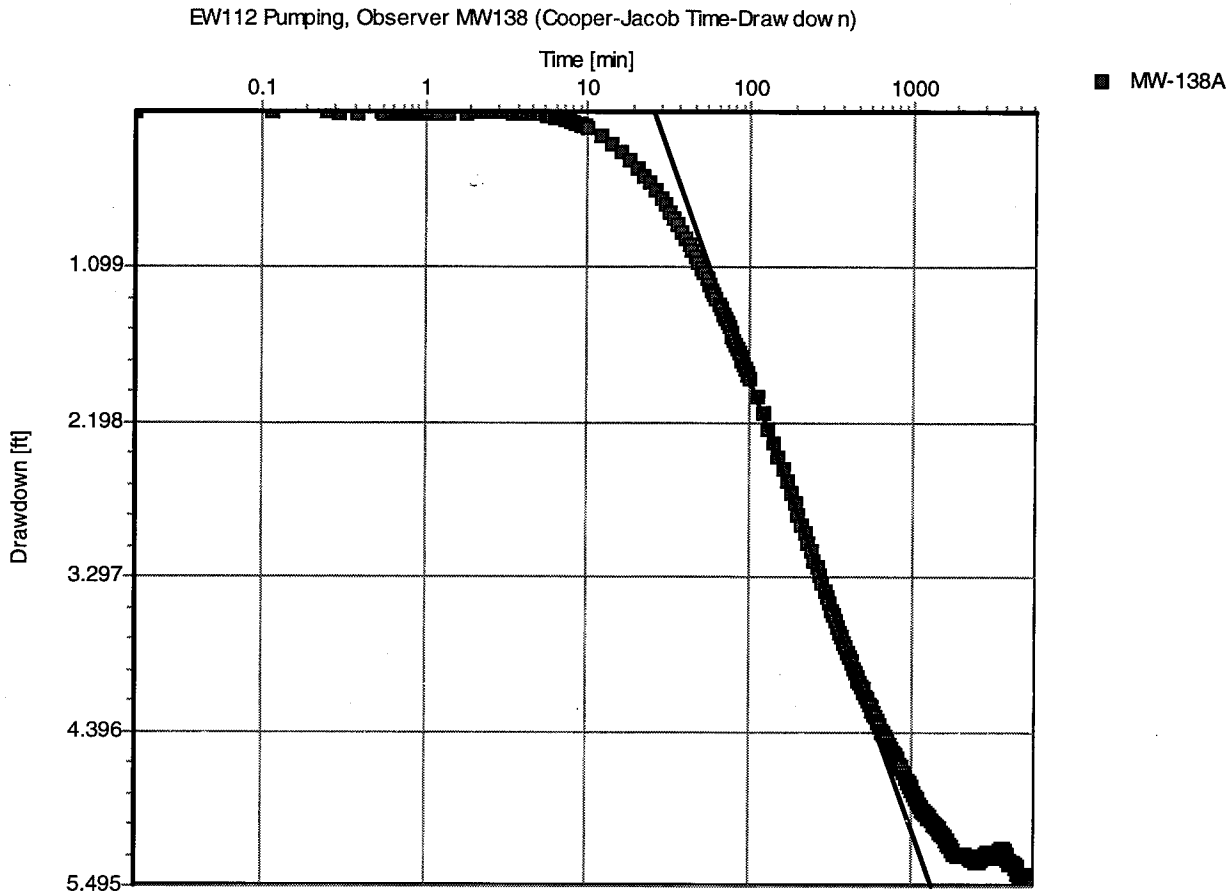
Test parameters:	Pumping well:	EW112	Aquifer thickness:	620 [ft]
	Screen radius:	1.5 [ft]	Confined aquifer	
	Screen length:	460 [ft]		
	Casing radius:	0.83 [ft]		
	Discharge rate:	2300 [U.S. gal/min]		
	Pump Time	5700 [min]		

Comments:

Evaluated by:

Date: 3/27/2003

URS	Pumping Test Analysis Report
2870 Gateway Oaks Drive, Suite 300	Project: Muscoy Remedial Action Pump Tests
Sacramento, CA 95833	No: 41F2501600.07.02000
Phone 916 679-2000	Client: U.S. EPA



Test name: **EW112 Pumping, Observer MW138**

Analysis method: **Cooper-Jacob Time-Drawdown**

Analysis results:				
	Transmissivity:	2.54E+4 [ft²/d]	Conductivity:	4.10E+1 [ft/d]
	Storativity:	3.85E-4		

Test parameters:				
	Pumping well:	EW112	Aquifer thickness:	620 [ft]
	Screen radius:	1.5 [ft]	Confined aquifer	
	Screen length:	460 [ft]		
	Casing radius:	0.83 [ft]		
	Discharge rate:	2300 [U.S. gal/min]		

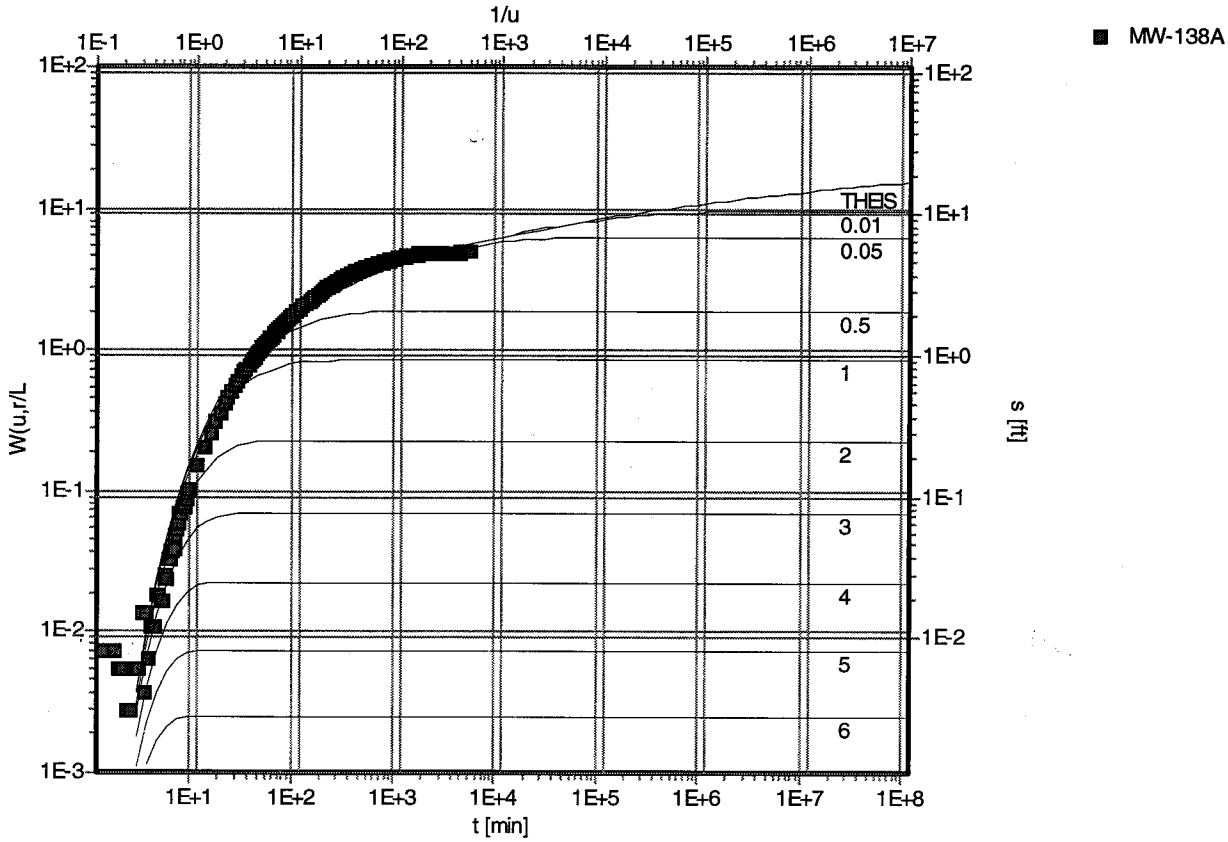
Comments:

Evaluated by:

Date: 3/27/2003

URS	Pumping Test Analysis Report
2870 Gateway Oaks Drive, Suite 300	Project: Muscoy Remedial Action Pump Tests
Sacramento, CA 95833	No: 41F2501600.07.02000
Phone 916 679-2000	Client: U.S. EPA

EW112 Pumping, Observer MW138 (Hantush-Jacob)



Test name: **EW112 Pumping, Observer MW138**

Analysis method: **Hantush-Jacob**

Analysis results:				
	Transmissivity:	3.21E+4 [ft²/d]	Conductivity:	5.18E+1 [ft/d]
	Storativity:	4.15E-4	c:	1.16E+9 [min]

Test parameters:				
	Pumping well:	EW112	Aquifer thickness:	620 [ft]
	Screen radius:	1.5 [ft]	r/L:	0.01
	Screen length:	460 [ft]		
	Casing radius:	0.83 [ft]		
	Discharge rate:	2300 [U.S. gal/min]		

Comments:

Evaluated by:

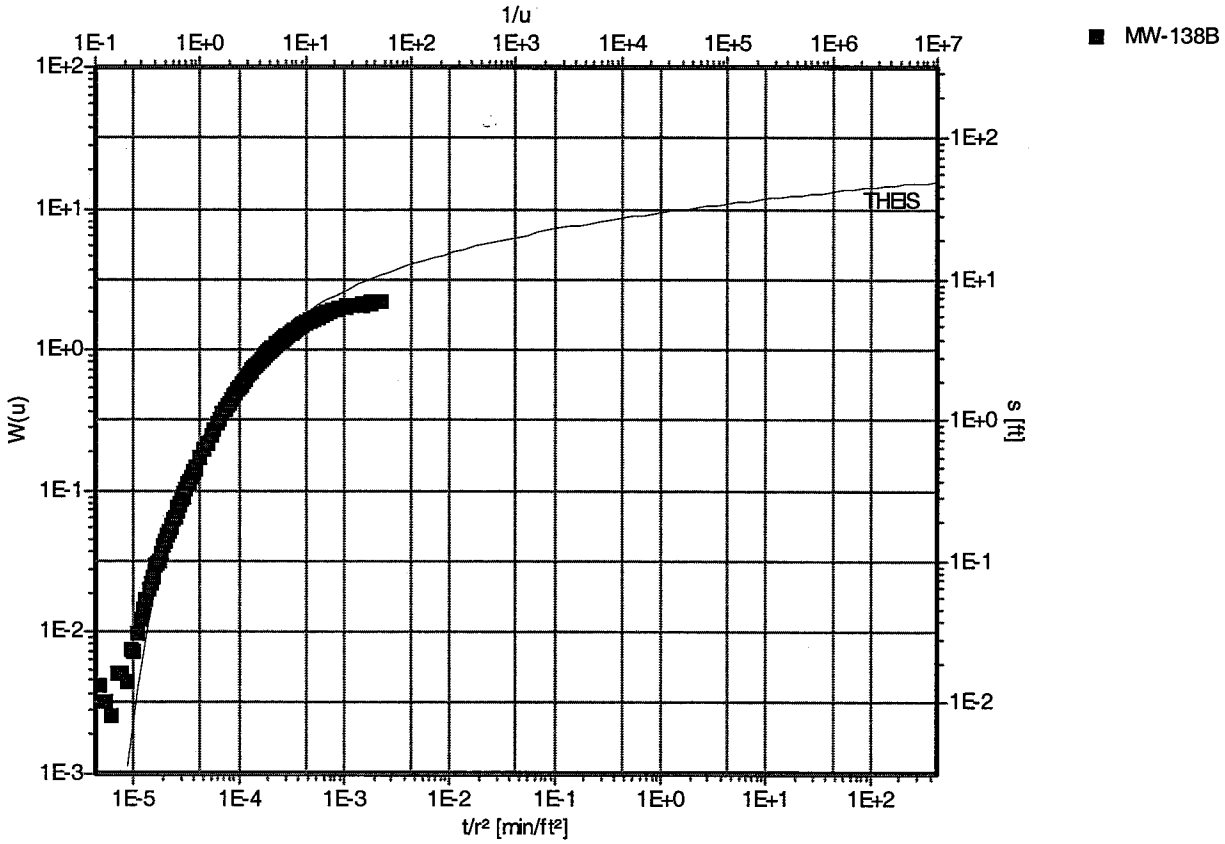
Date: 3/27/2003

URS Corporation
2870 Gateway Oaks Drive, Suite 300
Sacramento, California 95833-4324
Phone: 916-679-2000

Aquifer Test Analysis Report

Project:	Muscoy Remedial Action Pump Tests
No:	17324327.38509
Client:	U.S. EPA

EW112 Pumping, Observer MW138 (Theis)



Test name: **EW112 Pumping, Observer MW138**

Analysis method: **Theis**

Analysis results:				
	Transmissivity:	1.12E+4 [ft²/d]	Conductivity:	1.81E+1 [ft/d]
	Storativity:	1.34E-3		

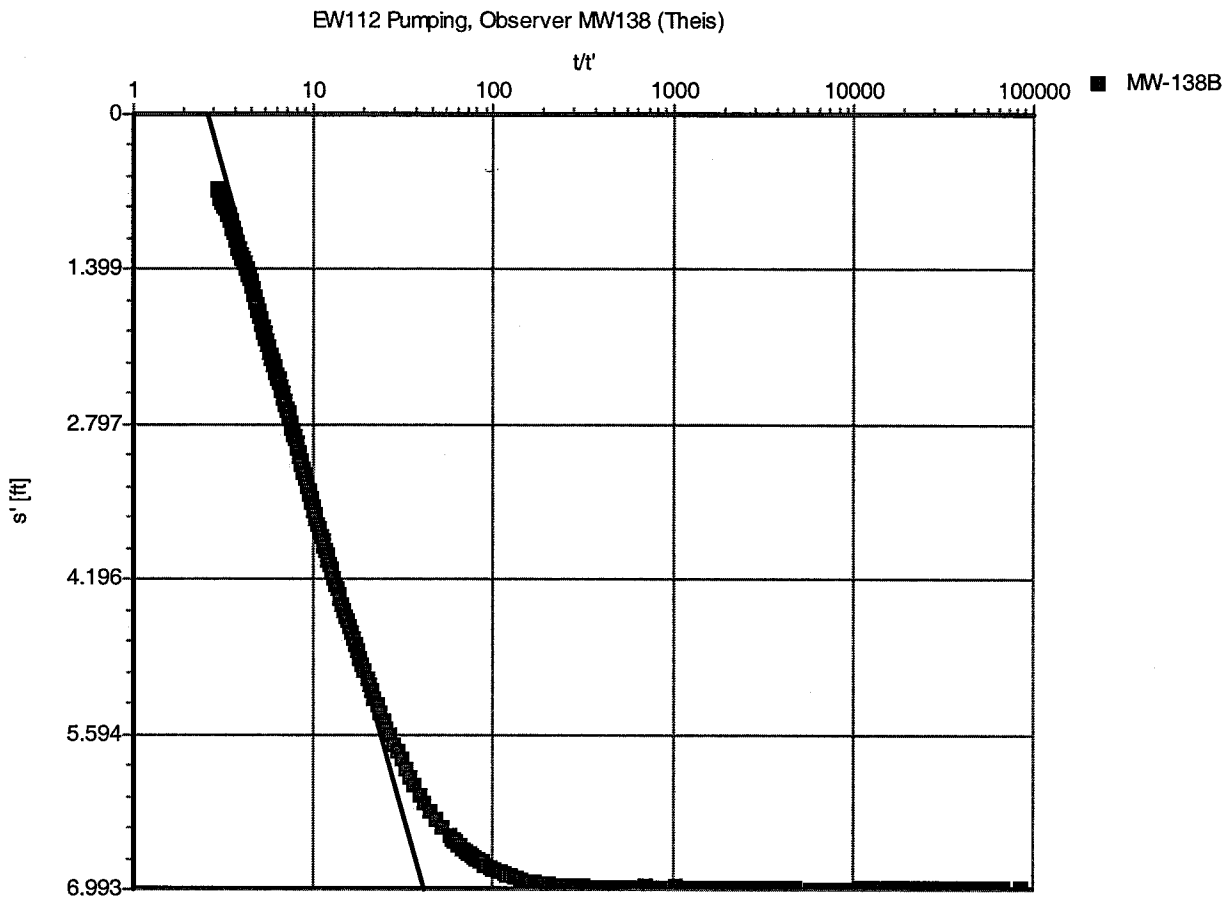
Test parameters:				
	Pumping well:	EW112	Aquifer thickness:	620 [ft]
	Screen radius:	1.5 [ft]	Confined aquifer	
	Screen length:	460 [ft]		
	Casing radius:	0.83 [ft]		
	Discharge rate:	2300 [U.S. gal/min]		

Comments:

Evaluated by:

Date: 3/27/2003

URS Corporation 2870 Gateway Oaks Drive, Suite 300 Sacramento, California 95833-4324 Phone: 916-679-2000	**Aquifer Test Analysis Report**	
	Project:	Muscoy Remedial Action Pump Tests
	No:	17324327.38509
	Client:	U.S. EPA



Test name: **EW112 Pumping, Observer MW138**

Analysis method: **Theis Recovery**

Analysis results:	Transmissivity:	1.41E+4 [ft²/d]	Conductivity:	2.27E+1 [ft/d]

Test parameters:				
	Pumping well:	EW112	Aquifer thickness:	620 [ft]
	Screen radius:	1.5 [ft]	Confined aquifer	
	Screen length:	460 [ft]		
	Casing radius:	0.83 [ft]		
	Discharge rate:	2300 [U.S. gal/min]		
	Pump Time	5700 [min]		

Comments:

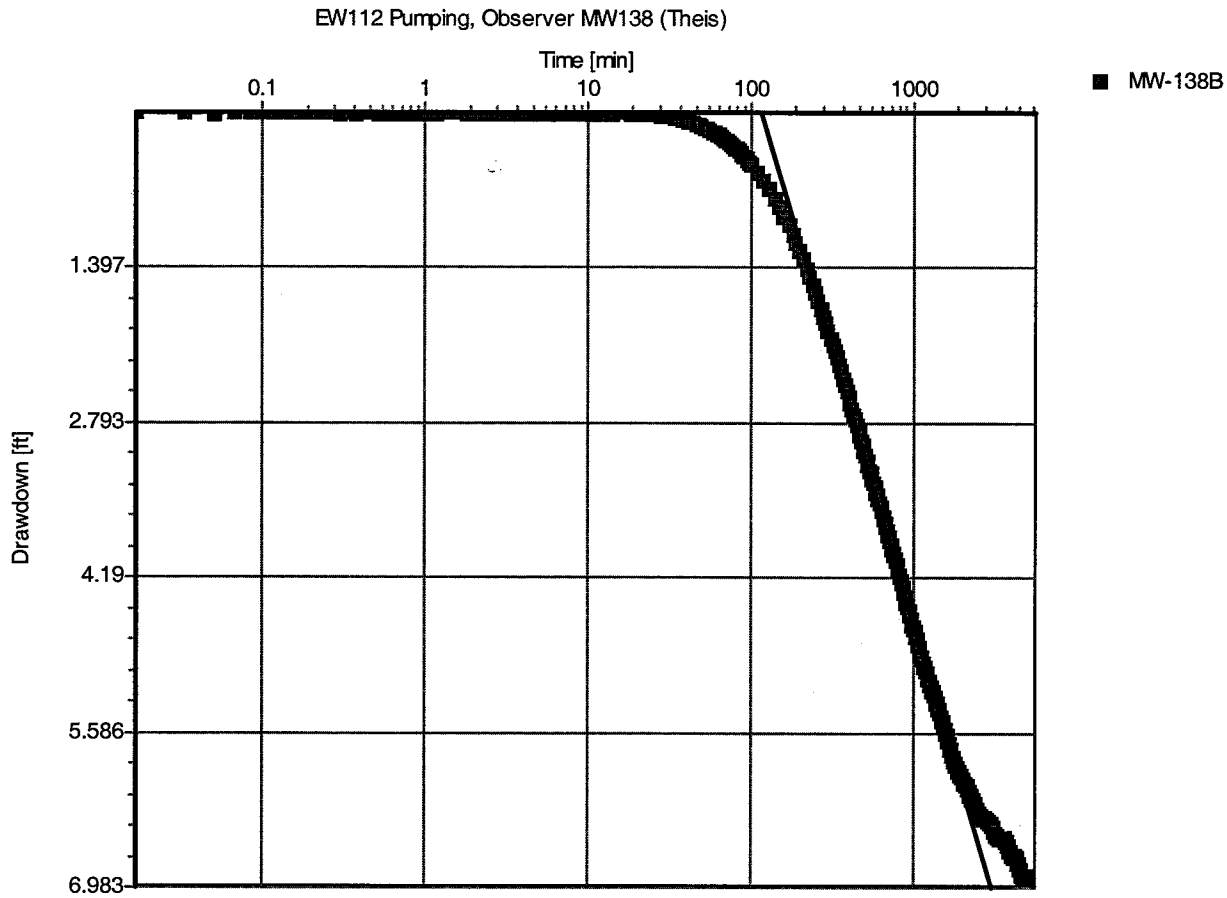
Evaluated by:

Date: 3/27/2003

URS Corporation
2870 Gateway Oaks Drive, Suite 300
Sacramento, California 95833-4324
Phone: 916-679-2000

Aquifer Test Analysis Report

Project:	Muscoy Remedial Action Pump Tests
No:	17324327.38509
Client:	U.S. EPA



Test name: **EW112 Pumping, Observer MW138**

Analysis method: **Cooper-Jacob Time-Drawdown**

Analysis results:				
	Transmissivity:	1.65E+4 [ft²/d]	Conductivity:	2.65E+1 [ft/d]
	Storativity:	1.16E-3		

Test parameters:				
	Pumping well:	EW112	Aquifer thickness:	620 [ft]
	Screen radius:	1.5 [ft]	Confined aquifer	
	Screen length:	460 [ft]		
	Casing radius:	0.83 [ft]		
	Discharge rate:	2300 [U.S. gal/min]		

Comments:

Evaluated by:

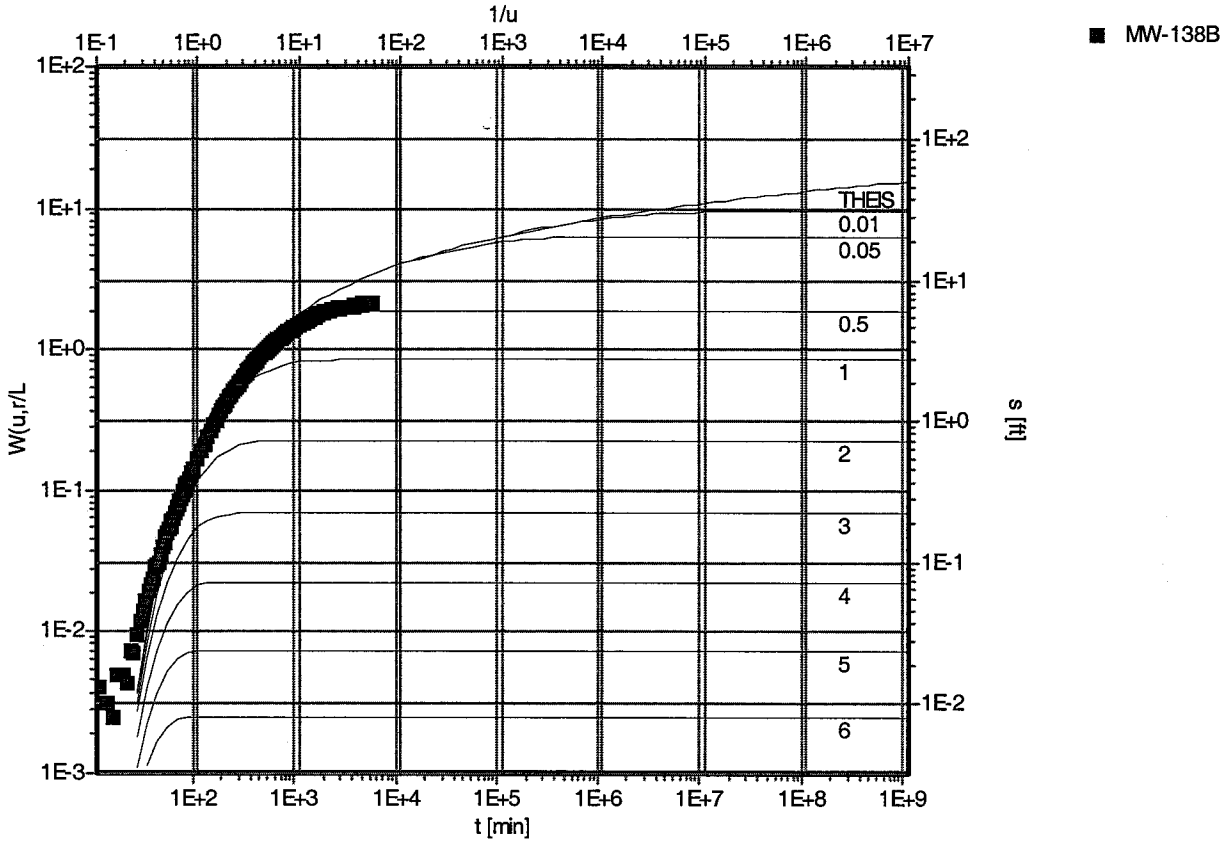
Date: 3/27/2003

URS Corporation
2870 Gateway Oaks Drive, Suite 300
Sacramento, California 95833-4324
Phone: 916-679-2000

Aquifer Test Analysis Report

Project:	Muscoy Remedial Action Pump Tests
No:	17324327.38509
Client:	U.S. EPA

EW112 Pumping, Observer MW138 (Hantush-Jacob)



Test name: **EW112 Pumping, Observer MW138**

Analysis method: **Hantush-Jacob**

Analysis results:				
	Transmissivity:	1.09E+4 [ft²/d]	Conductivity:	1.76E+1 [ft/d]
	Storativity:	1.31E-3	c:	3.42E+9 [min]

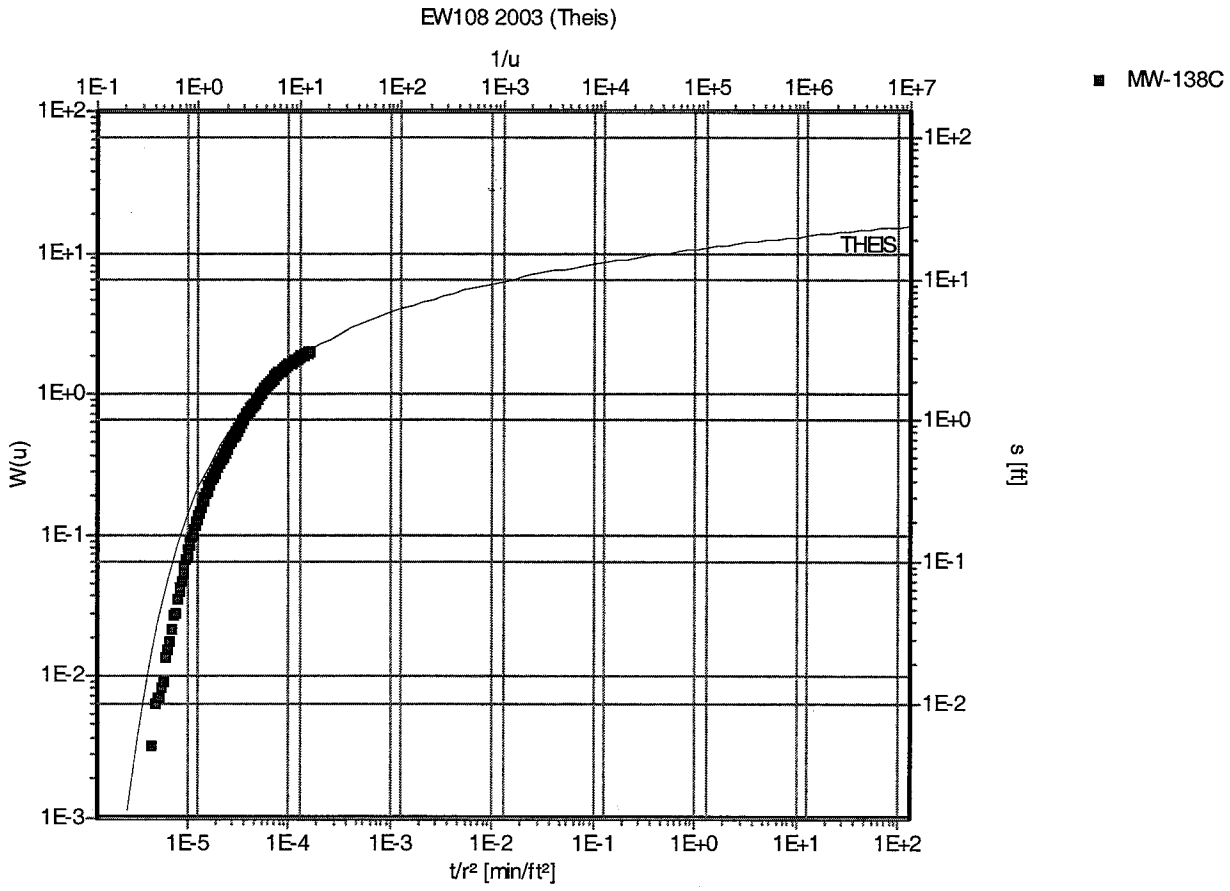
Test parameters:				
	Pumping well:	EW112	Aquifer thickness:	620 [ft]
	Screen radius:	1.5 [ft]	r/L:	0.01
	Screen length:	460 [ft]		
	Casing radius:	0.83 [ft]		
	Discharge rate:	2300 [U.S. gal/min]		

Comments:

Evaluated by:

Date: 3/27/2003

URS	Aquifer Test Analysis Report	
URS 2879 Gateway Oaks Drive, Suite 300 Sacramento, California (916) 679-2000	Project:	Muscoy Remedial Action Pump Tests
	No:	41F2501600.07.02000
	Client:	U.S. EPA



Test name: **EW108 2003**

Analysis method: **Theis**

Analysis results:	Transmissivity:	2.29E+4 [ft²/d]	Conductivity:	3.82E+1 [ft/d]
	Storativity:	8.34E-4		

Test parameters:	Pumping well:	EW108	Aquifer thickness:	600 [ft]
	Screen radius:	1.5 [ft]	Confined aquifer	
	Screen length:	460 [ft]		
	Casing radius:	0.83 [ft]		
	Discharge rate:	2300 [U.S. gal/min]		

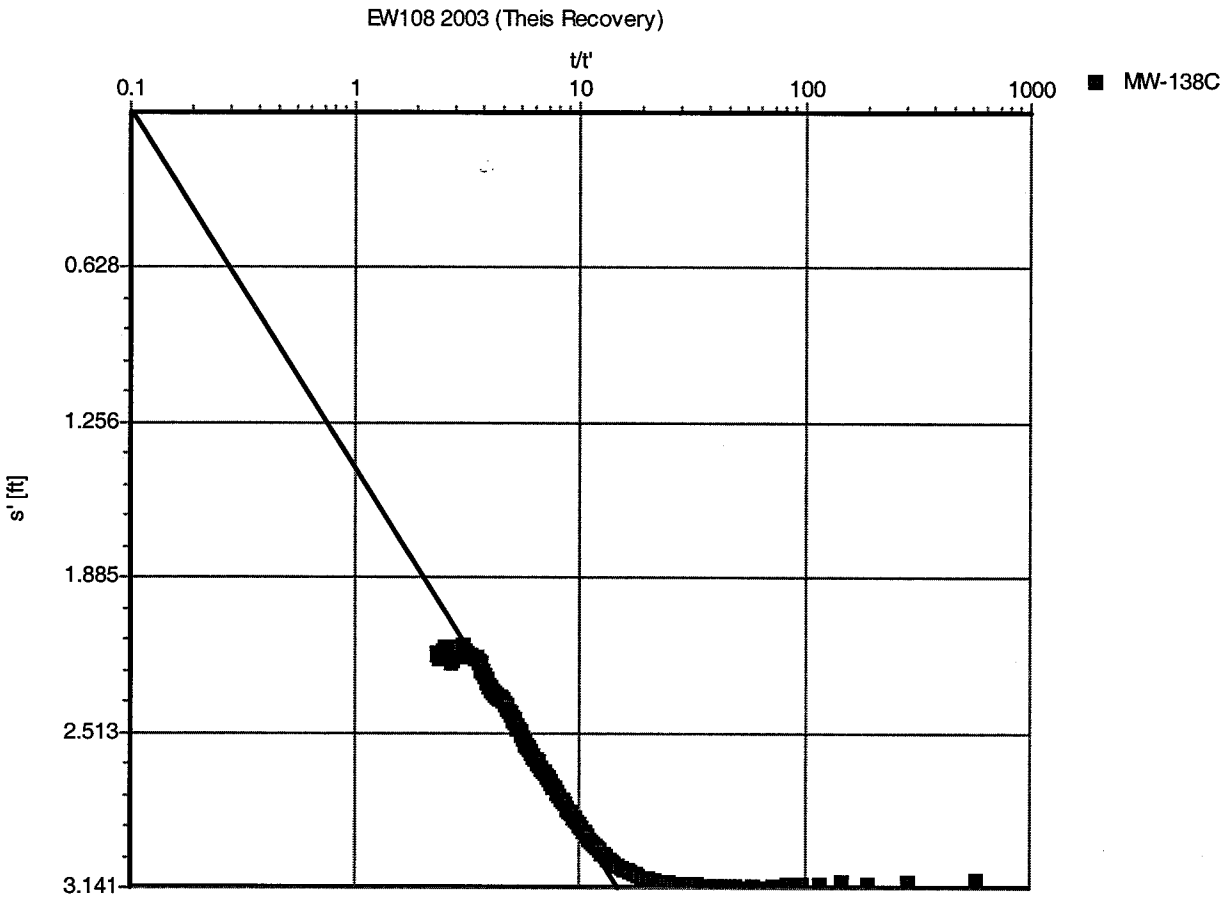
Comments:

Evaluated by:

Date: 3/27/03

URS Corporation
2870 Gateway Oaks Drive, Suite 300
Sacramento, California 95833-4324
Phone: 916-679-2000

Aquifer Test Analysis Report	
Project:	Muscoy Remedial Action Pump Tests
No:	17324327.38509
Client:	U.S. EPA



Test name: **EW108 2003**

Analysis method: **Theis Recovery**

Analysis results:	Transmissivity:	5.58E+4 [ft²/d]	Conductivity:	9.30E+1 [ft/d]

Test parameters:				
	Pumping well:	EW108	Aquifer thickness:	600 [ft]
	Screen radius:	1.5 [ft]	Confined aquifer	
	Screen length:	460 [ft]		
	Casing radius:	0.83 [ft]		
	Discharge rate:	2300 [U.S. gal/min]		
	Pump Time	5700 [min]		

Comments:

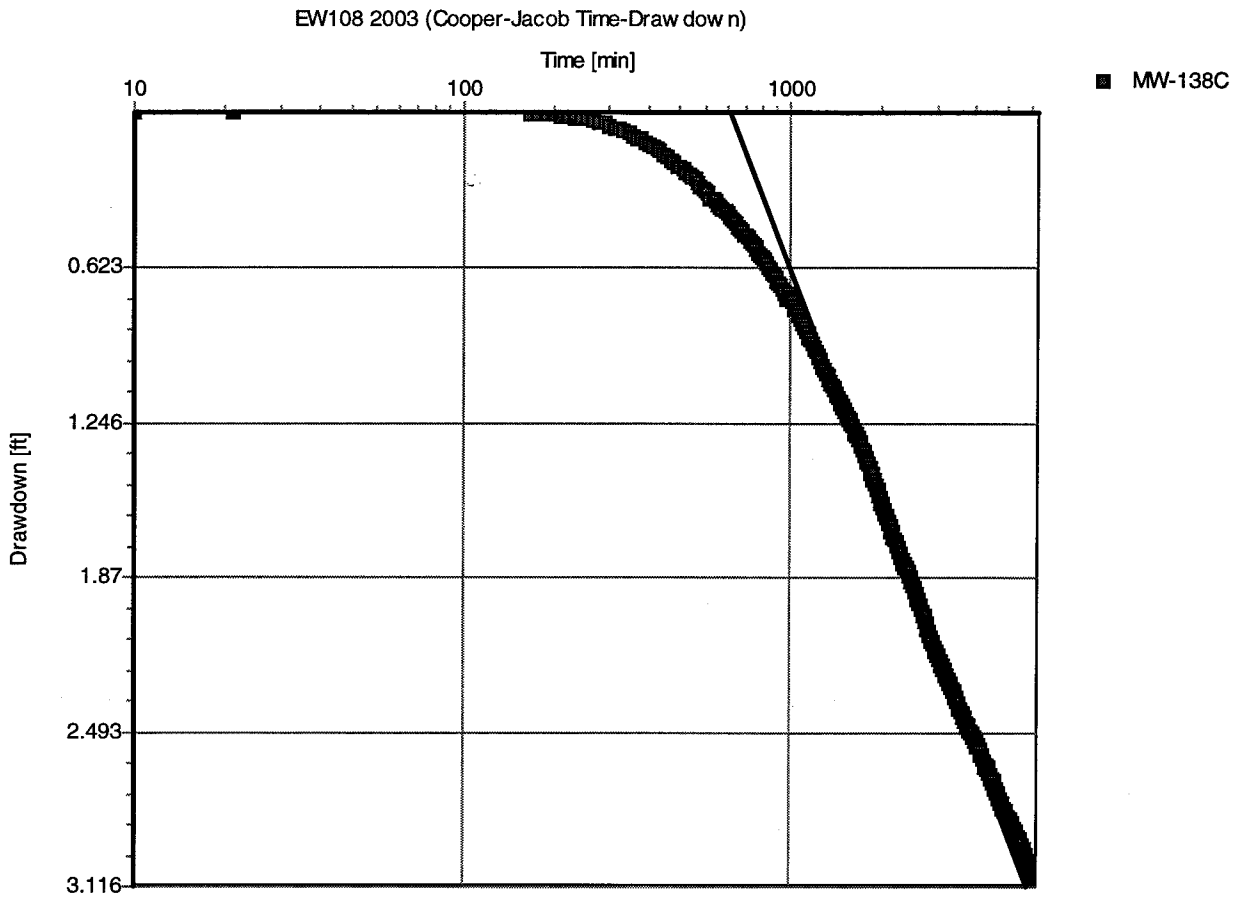
Evaluated by:

Date: 3/27/2003

URS
2870 Gateway Oaks Drive, Suite 300
Sacramento, CA 95833
Phone 916 679-2000

Pumping Test Analysis Report

Project:	Muscoy Remedial Action Pump Tests
No:	41F2501600.07.02000
Client:	U.S. EPA



Test name: **EW108 2003**

Analysis method: **Cooper-Jacob Time-Drawdown**

Analysis results:	Transmissivity:	2.37E+4 [ft²/d]	Conductivity:	3.95E+1 [ft/d]
	Storativity:	6.55E-4		

Test parameters:	Pumping well:	EW108	Aquifer thickness:	600 [ft]
	Screen radius:	1.5 [ft]	Confined aquifer	
	Screen length:	460 [ft]		
	Casing radius:	0.83 [ft]		
	Discharge rate:	2300 [U.S. gal/min]		

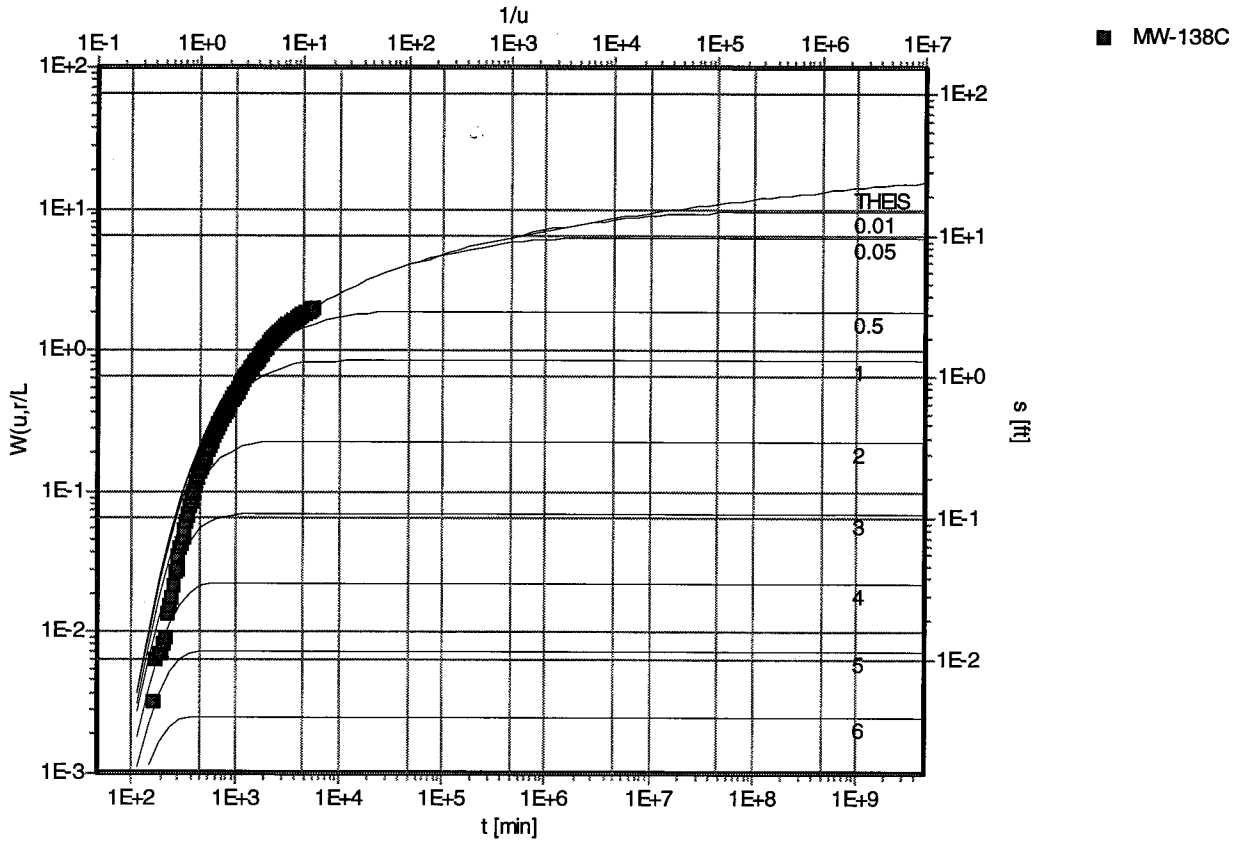
Comments:

Evaluated by:

Date: 3/27/2003

URS	Pumping Test Analysis Report	
2870 Gateway Oaks Drive, Suite 300	Project:	Muscoy Remedial Action Pump Tests
Sacramento, CA 95833	No:	41F2501600.07.02000
Phone 916 679-2000	Client:	U.S. EPA

EW108 2003 (Hantush-Jacob)



Test name: **EW108 2003**

Analysis method: **Hantush-Jacob**

Analysis results:	Transmissivity:	2.29E+4 [ft²/d]	Conductivity:	3.82E+1 [ft/d]
	Storativity:	7.85E-4	c:	2.33E+10 [min]

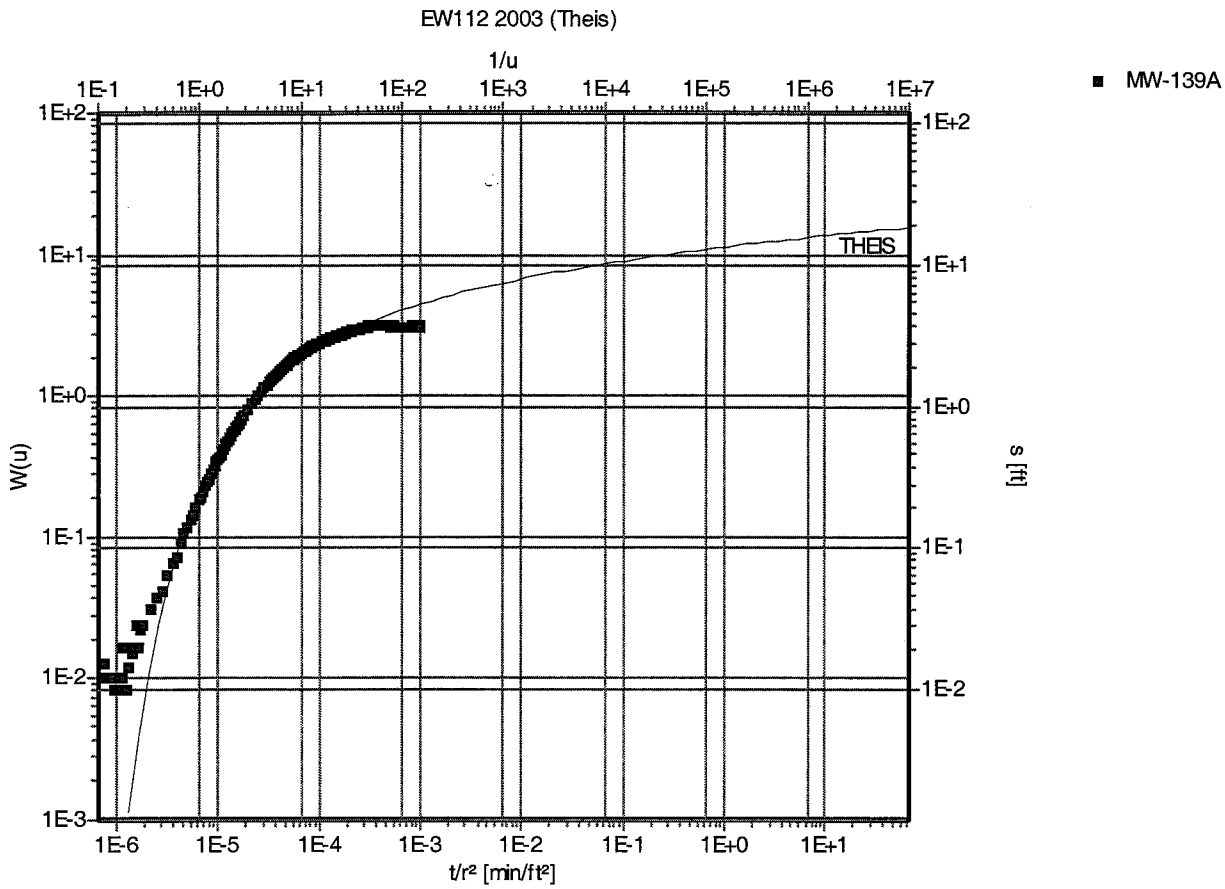
Test parameters:	Pumping well:	EW108	Aquifer thickness:	600 [ft]
	Screen radius:	1.5 [ft]	r/L:	0.01
	Screen length:	460 [ft]		
	Casing radius:	0.83 [ft]		
	Discharge rate:	2300 [U.S. gal/min]		

Comments:

Evaluated by:

Date: 4/7/2003

URS	Aquifer Test Analysis Report	
URS 2879 Gateway Oaks Drive, Suite 300 Sacramento, California (916) 679-2000	Project:	Muscoy Remedial Action Pump Tests
	No:	41F2501600.07.02000
	Client:	U.S. EPA



Test name: **EW112 2003**

Analysis method: **Theis**

Analysis results:	Transmissivity:	2.96E+4 [ft²/d]	Conductivity:	4.77E+1 [ft/d]
	Storativity:	5.49E-4		
Test parameters:	Pumping well:	EW112	Aquifer thickness:	620 [ft]
	Screen radius:	1.5 [ft]	Confined aquifer	
	Screen length:	460 [ft]		
	Casing radius:	0.83 [ft]		
	Discharge rate:	2300 [U.S. gal/min]		

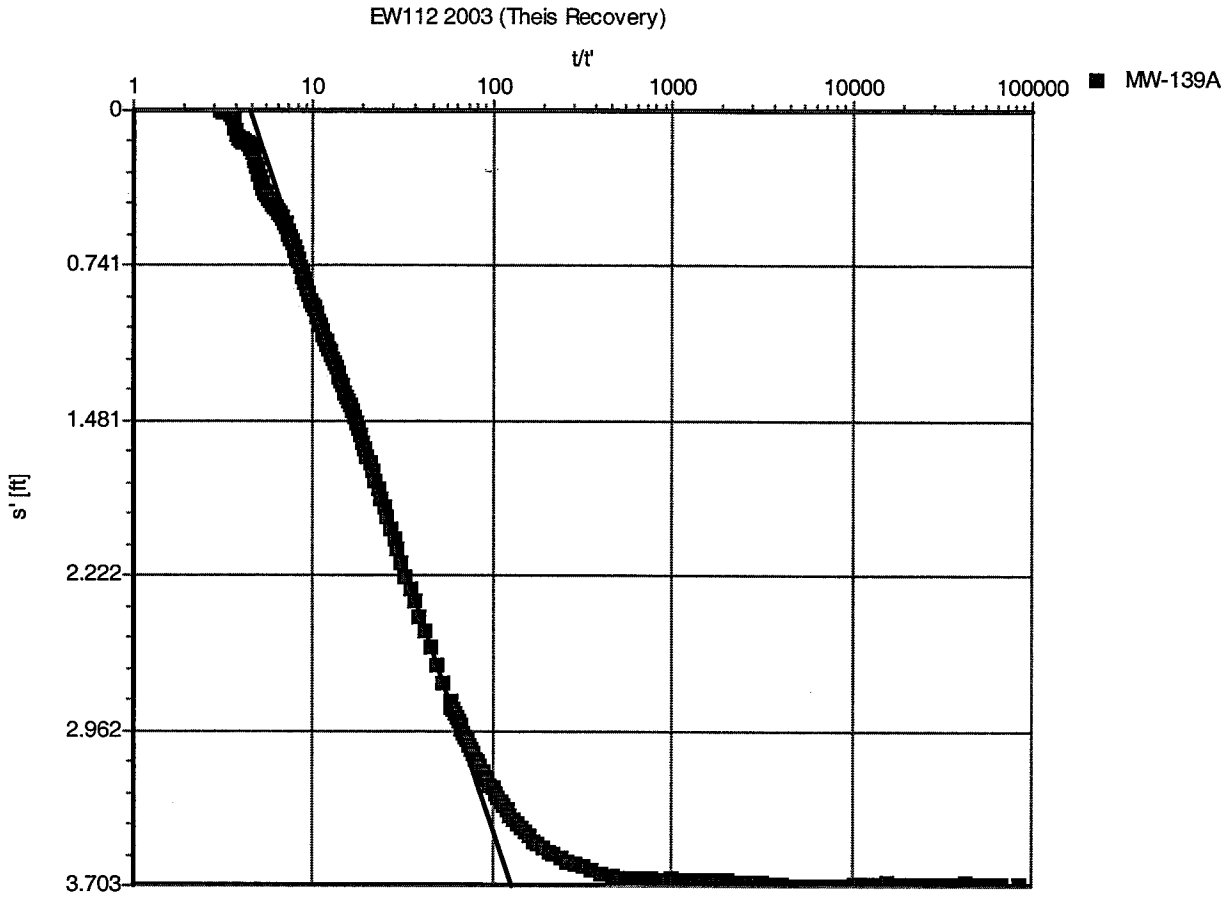
Comments:

Evaluated by:

Date: 3/28/03

URS Corporation
2870 Gateway Oaks Drive, Suite 300
Sacramento, California 95833-4324
Phone: 916-679-2000

Aquifer Test Analysis Report	
Project:	Muscoy Remedial Action Pump Tests
No:	17324327.38509
Client:	U.S. EPA



Test name: **EW112 2003**

Analysis method: **Theis Recovery**

Analysis results:	Transmissivity:	3.20E+4 [ft²/d]	Conductivity:	5.16E+1 [ft/d]

Test parameters:				
	Pumping well:	EW112	Aquifer thickness:	620 [ft]
	Screen radius:	1.5 [ft]	Confined aquifer	
	Screen length:	460 [ft]		
	Casing radius:	0.83 [ft]		
	Discharge rate:	2300 [U.S. gal/min]		
	Pump Time	5700 [min]		

Comments:

Evaluated by:

Date: 3/28/2003

URS	Aquifer Test Analysis Report	
URS 2879 Gateway Oaks Drive, Suite 300 Sacramento, California (916) 679-2000	Project:	Muscoy Remedial Action Pump Tests
	No:	41F2501600.07.02000
	Client:	U.S. EPA

Test name: **EW112 2003**

Analysis method: **Cooper-Jacob Time-Drawdown**

Analysis results:	Transmissivity:	2.95E+4 [ft²/d]	Conductivity:	4.76E+1 [ft/d]
	Storativity:	4.15E-4		

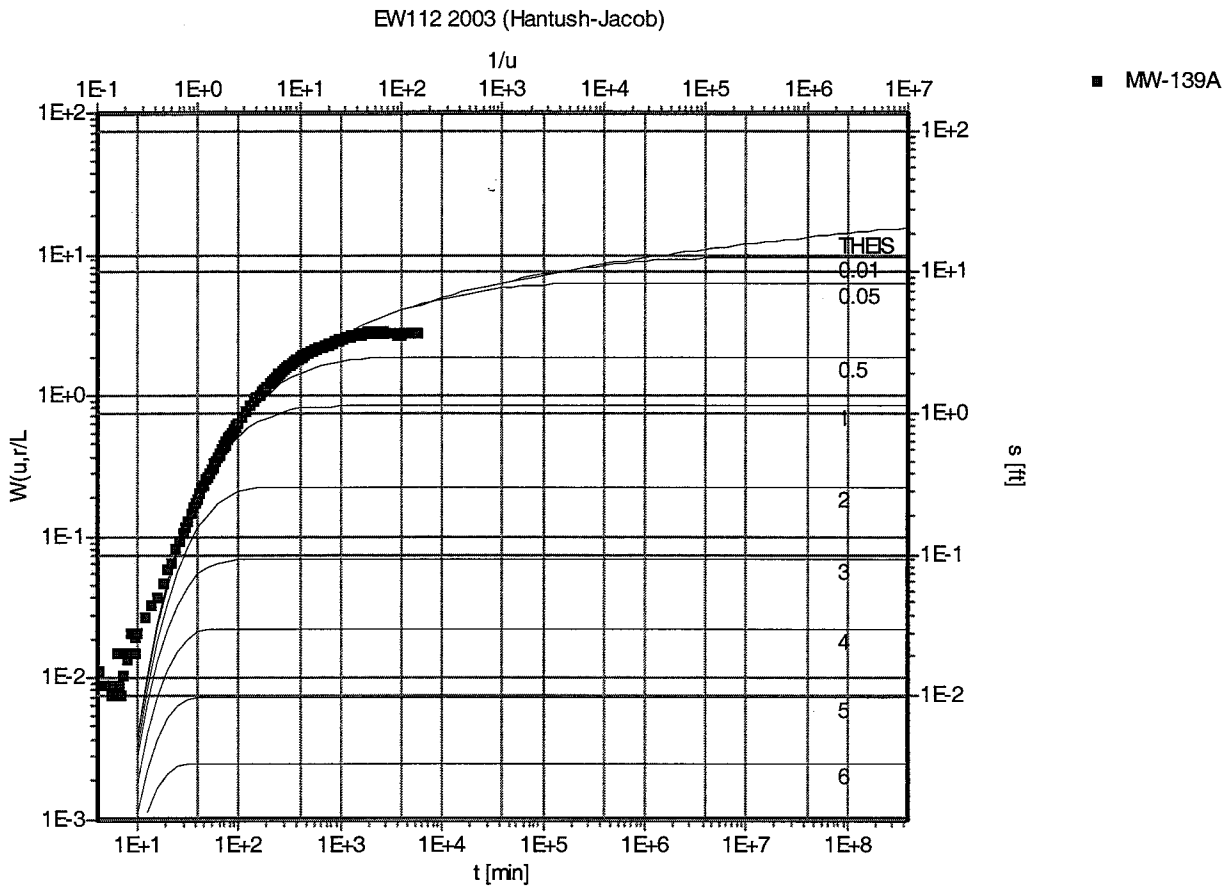
Test parameters:	Pumping well:	EW112	Aquifer thickness:	620 [ft]
	Screen radius:	1.5 [ft]	Confined aquifer	
	Screen length:	460 [ft]		
	Casing radius:	0.83 [ft]		
	Discharge rate:	2300 [U.S. gal/min]		

Comments:

Evaluated by:

Date: 3/28/03

URS	Aquifer Test Analysis Report	
URS 2879 Gateway Oaks Drive, Suite 300 Sacramento, California (916) 679-2000	Project:	Muscoy Remedial Action Pump Tests
	No:	41F2501600.07.02000
	Client:	U.S. EPA



Test name: **EW112 2003**

Analysis method: **Hantush-Jacob**

Analysis results:				
	Transmissivity:	2.65E+4 [ft²/d]	Conductivity:	4.27E+1 [ft/d]
	Storativity:	5.27E-4	c:	3.04E+9 [min]

Test parameters:				
	Pumping well:	EW112	Aquifer thickness:	620 [ft]
	Screen radius:	1.5 [ft]	r/L:	0.01
	Screen length:	460 [ft]		
	Casing radius:	0.83 [ft]		
	Discharge rate:	2300 [U.S. gal/min]		

Comments:

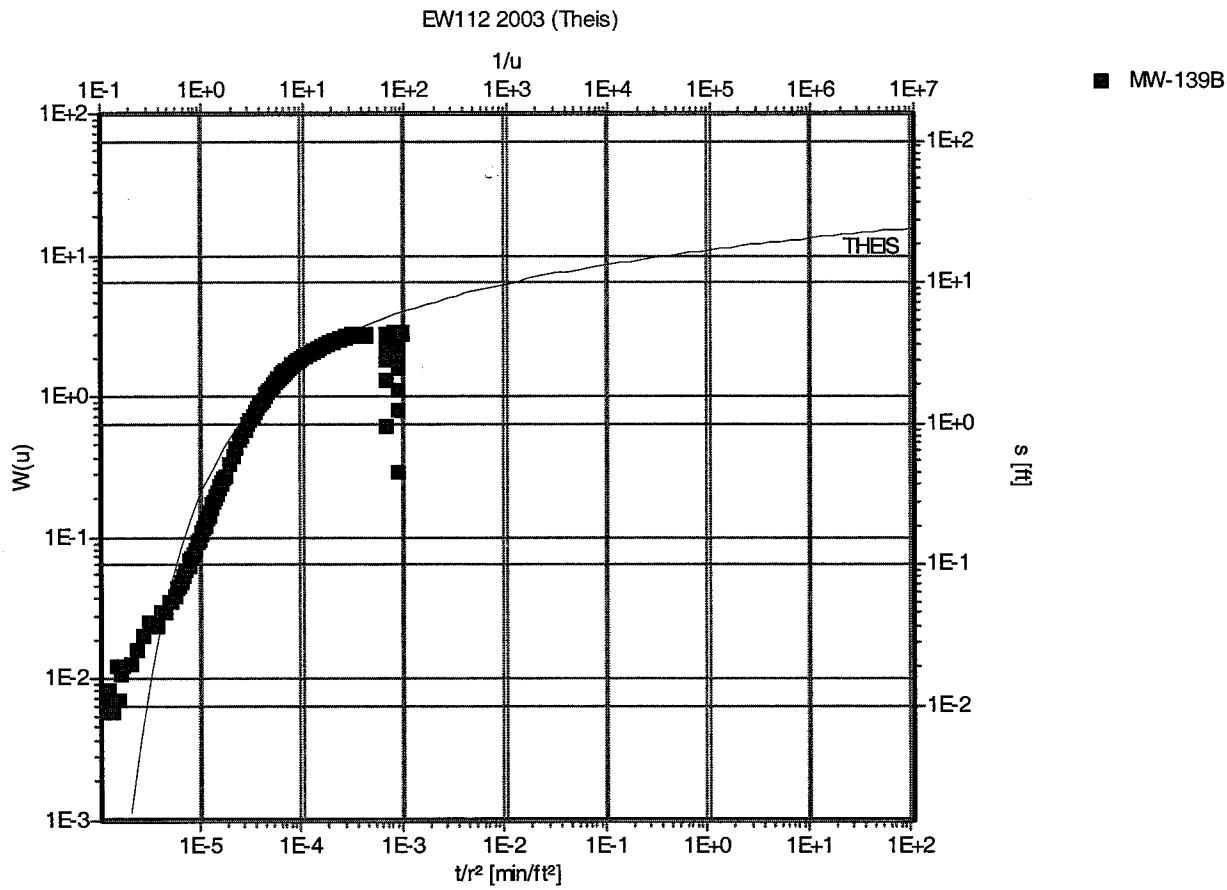
Evaluated by:

Date: 3/28/03

URS Corporation
2870 Gateway Oaks Drive, Suite 300
Sacramento, California 95833-4324
Phone: 916-679-2000

Aquifer Test Analysis Report

Project:	Muscoy Remedial Action Pump Tests
No:	17324327.38509
Client:	U.S. EPA



Test name: **EW112 2003**

Analysis method: **Theis**

Analysis results:	Transmissivity:	2.26E+4 [ft²/d]	Conductivity:	3.65E+1 [ft/d]
	Storativity:	6.79E-4		

Test parameters:	Pumping well:	EW112	Aquifer thickness:	620 [ft]
	Screen radius:	1.5 [ft]	Confined aquifer	
	Screen length:	460 [ft]		
	Casing radius:	0.83 [ft]		
	Discharge rate:	2300 [U.S. gal/min]		

Comments:

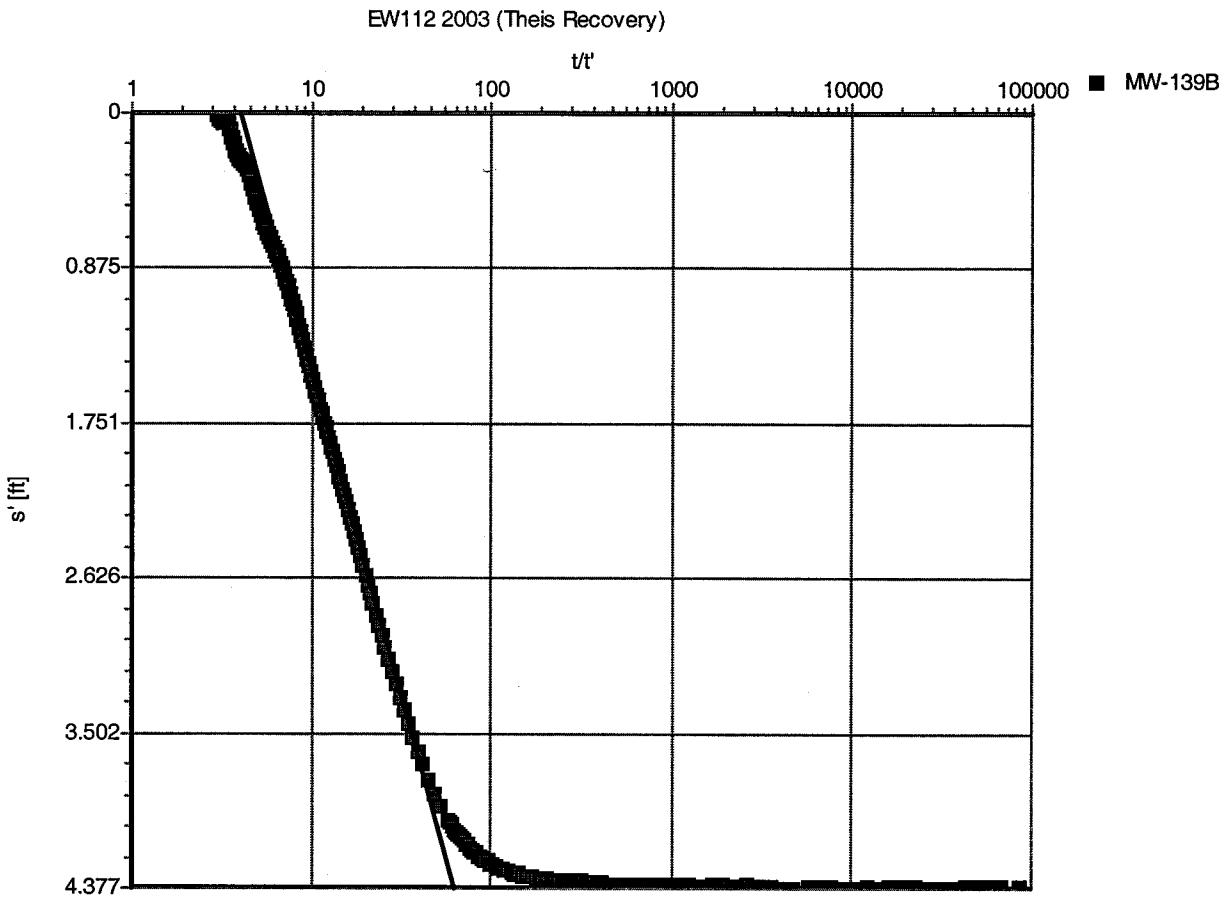
Evaluated by:

Date: 3/28/2003

URS Corporation
2870 Gateway Oaks Drive, Suite 300
Sacramento, California 95833-4324
Phone: 916-679-2000

Aquifer Test Analysis Report

Project:	Muscoy Remedial Action Pump Tests
No:	17324327.38509
Client:	U.S. EPA



Test name: **EW112 2003**

Analysis method: **Theis Recovery**

Analysis results:	Transmissivity:	2.22E+4 [ft²/d]	Conductivity:	3.59E+1 [ft/d]

Test parameters:				
	Pumping well:	EW112	Aquifer thickness:	620 [ft]
	Screen radius:	1.5 [ft]	Confined aquifer	
	Screen length:	460 [ft]		
	Casing radius:	0.83 [ft]		
	Discharge rate:	2300 [U.S. gal/min]		
	Pump Time	5700 [min]		

Comments:

Evaluated by:

Date: 3/28/2003

URS Corporation
2870 Gateway Oaks Drive, Suite 300
Sacramento, California 95833-4324
Phone: 916-679-2000

Aquifer Test Analysis Report

Project:	Muscoy Remedial Action Pump Tests
No:	17324327.38509
Client:	U.S. EPA

Test name: **EW112 2003**

Analysis method: **Cooper-Jacob Time-Drawdown**

Analysis results:				
	Transmissivity:	2.26E+4 [ft²/d]	Conductivity:	3.65E+1 [ft/d]
	Storativity:	5.90E-4		

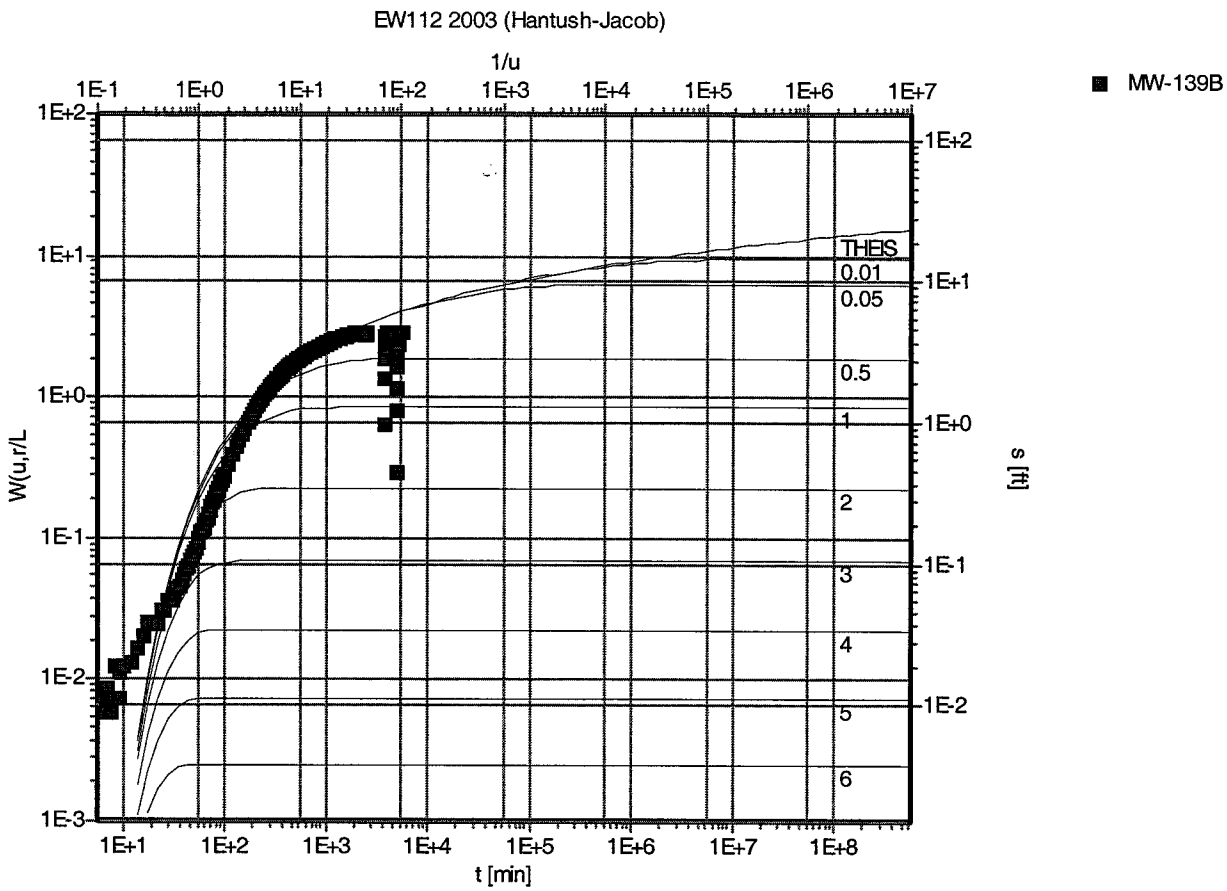
Test parameters:				
	Pumping well:	EW112	Aquifer thickness:	620 [ft]
	Screen radius:	1.5 [ft]	Confined aquifer	
	Screen length:	460 [ft]		
	Casing radius:	0.83 [ft]		
	Discharge rate:	2300 [U.S. gal/min]		

Comments:

Evaluated by:

Date: 3/28/2003

URS Corporation 2870 Gateway Oaks Drive, Suite 300 Sacramento, California 95833-4324 Phone: 916-679-2000	**Aquifer Test Analysis Report**	
	Project:	Muscoy Remedial Action Pump Tests
	No:	17324327.38509
	Client:	U.S. EPA



Test name: **EW112 2003**

Analysis method: **Hantush-Jacob**

Analysis results:	Transmissivity:	2.31E+4 [ft²/d]	Conductivity:	3.73E+1 [ft/d]
	Storativity:	6.48E-4	c:	3.49E+9 [min]

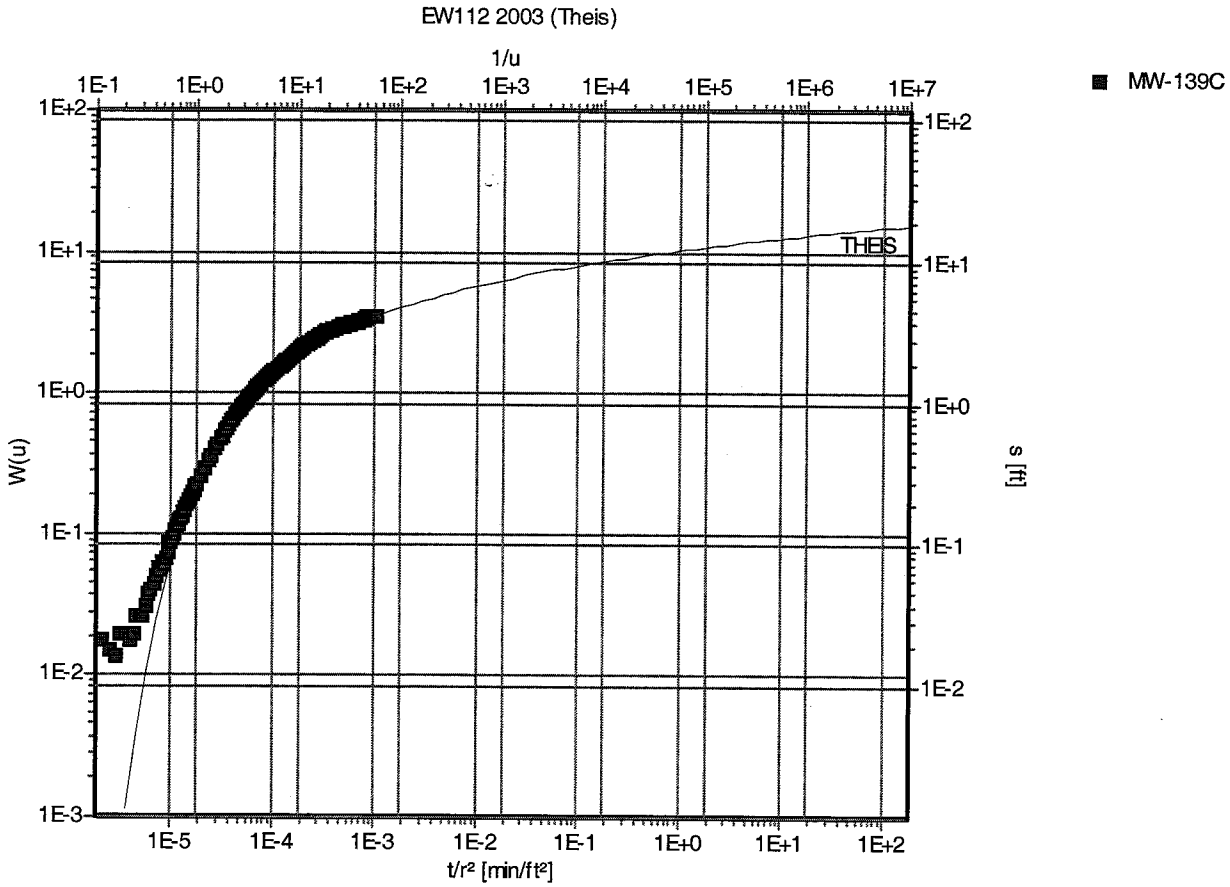
Test parameters:	Pumping well:	EW112	Aquifer thickness:	620 [ft]
	Screen radius:	1.5 [ft]	r/L:	0.01
	Screen length:	460 [ft]		
	Casing radius:	0.83 [ft]		
	Discharge rate:	2300 [U.S. gal/min]		

Comments:

Evaluated by:

Date: 3/28/2003

URS	**Aquifer Test Analysis Report**	
URS 2879 Gateway Oaks Drive, Suite 300 Sacramento, California (916) 679-2000	Project:	Muscoy Remedial Action Pump Tests
	No:	41F2501600.07.02000
	Client:	U.S. EPA



Test name: **EW112 2003**

Analysis method: **Theis**

Analysis results:	Transmissivity:	2.96E+4 [ft²/d]	Conductivity:	4.77E+1 [ft/d]
	Storativity:	1.51E-3		

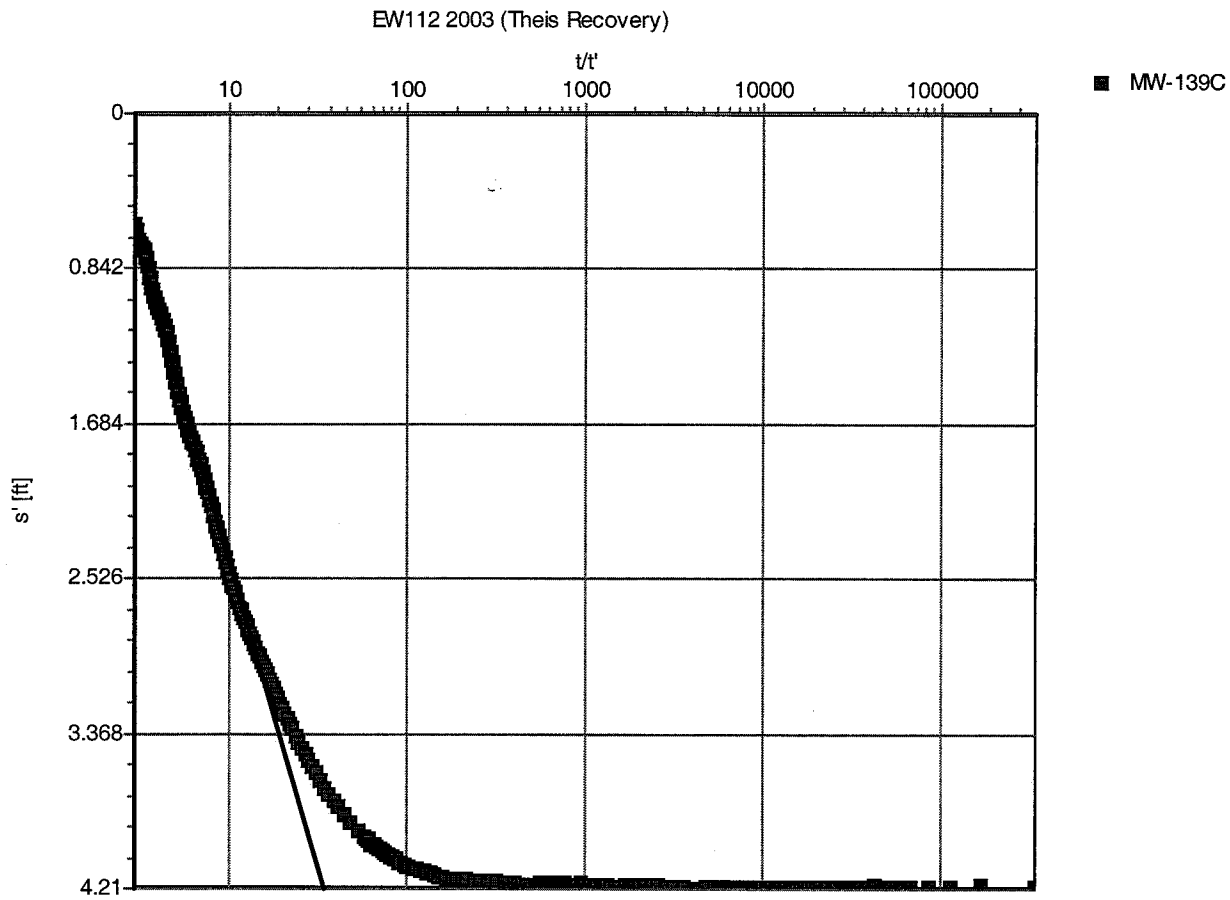
Test parameters:	Pumping well:	EW112	Aquifer thickness:	620 [ft]
	Screen radius:	1.5 [ft]	Confined aquifer	
	Screen length:	460 [ft]		
	Casing radius:	0.83 [ft]		
	Discharge rate:	2300 [U.S. gal/min]		

Comments:

Evaluated by:

Date: 3/28/03

URS	Aquifer Test Analysis Report	
URS 2879 Gateway Oaks Drive, Suite 300 Sacramento, California (916) 679-2000	Project:	Muscoy Remedial Action Pump Tests
	No:	41F2501600.07.02000
	Client:	U.S. EPA



Test name: **EW112 2003**

Analysis method: **Theis Recovery**

Analysis results:	Transmissivity:	2.42E+4 [ft²/d]	Conductivity:	3.91E+1 [ft/d]

Test parameters:				
	Pumping well:	EW112	Aquifer thickness:	620 [ft]
	Screen radius:	1.5 [ft]	Confined aquifer	
	Screen length:	460 [ft]		
	Casing radius:	0.83 [ft]		
	Discharge rate:	2300 [U.S. gal/min]		
	Pump Time	5700 [min]		

Comments:

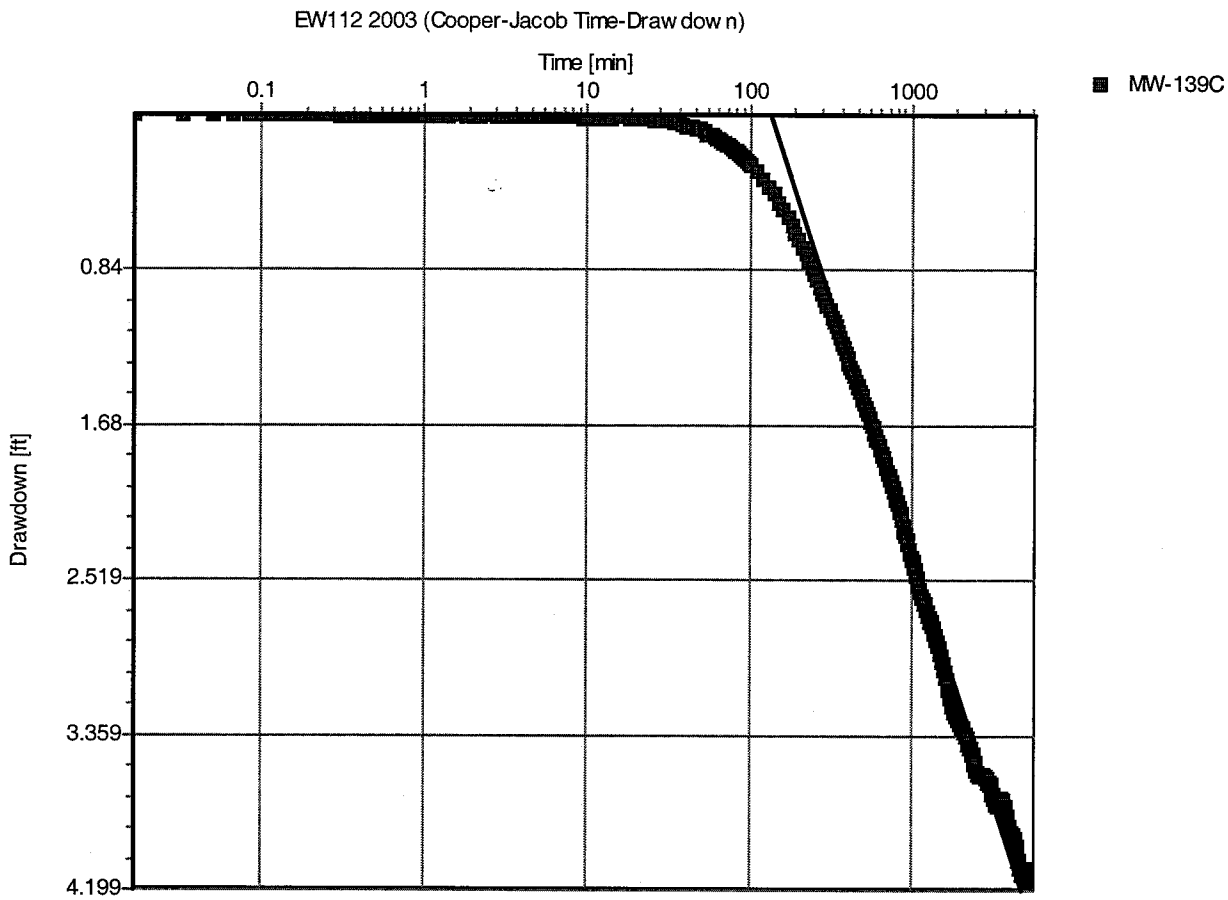
Evaluated by:

Date: 3/28/03

URS
2879 Gateway Oaks Drive, Suite 300
Sacramento, California
(916) 679-2000

Aquifer Test Analysis Report

Project:	Muscoy Remedial Action Pump Tests
No:	41F2501600.07.02000
Client:	U.S. EPA



Test name: **EW112 2003**

Analysis method: **Cooper-Jacob Time-Drawdown**

Analysis results:	Transmissivity:	3.00E+4 [ft²/d]	Conductivity:	4.83E+1 [ft/d]
	Storativity:	1.11E-3		

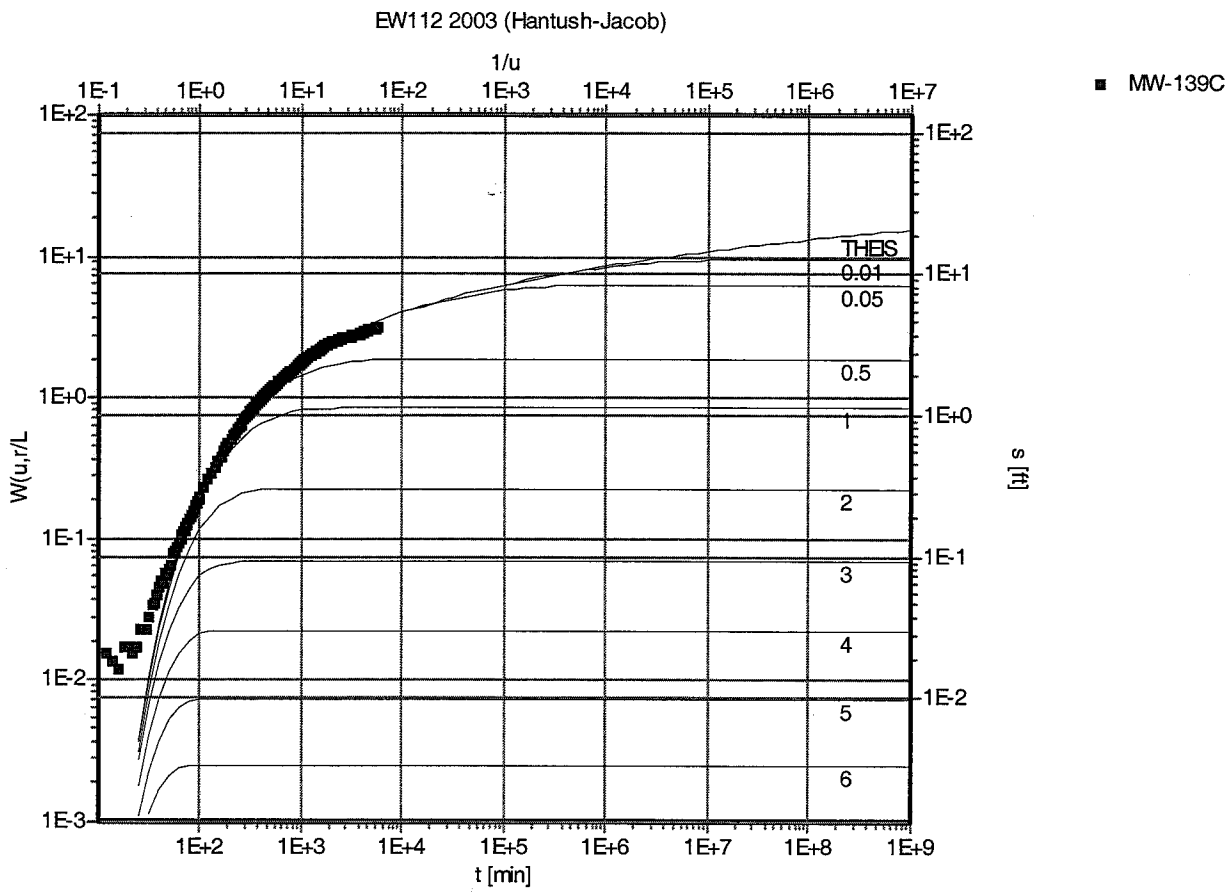
Test parameters:	Pumping well:	EW112	Aquifer thickness:	620 [ft]
	Screen radius:	1.5 [ft]	Confined aquifer	
	Screen length:	460 [ft]		
	Casing radius:	0.83 [ft]		
	Discharge rate:	2300 [U.S. gal/min]		

Comments:

Evaluated by:

Date: 3/28/03

URS	Aquifer Test Analysis Report	
URS 2879 Gateway Oaks Drive, Suite 300 Sacramento, California (916) 679-2000	Project:	Muscoy Remedial Action Pump Tests
	No:	41F2501600.07.02000
	Client:	U.S. EPA



Test name: **EW112 2003**

Analysis method: **Hantush-Jacob**

Analysis results:	Transmissivity:	2.64E+4 [ft²/d]	Conductivity:	4.25E+1 [ft/d]
	Storativity:	1.31E-3	c:	3.06E+9 [min]

Test parameters:	Pumping well:	EW112	Aquifer thickness:	620 [ft]
	Screen radius:	1.5 [ft]	r/L:	0.01
	Screen length:	460 [ft]		
	Casing radius:	0.83 [ft]		
	Discharge rate:	2300 [U.S. gal/min]		

Comments:

Evaluated by:

Date: 3/28/03