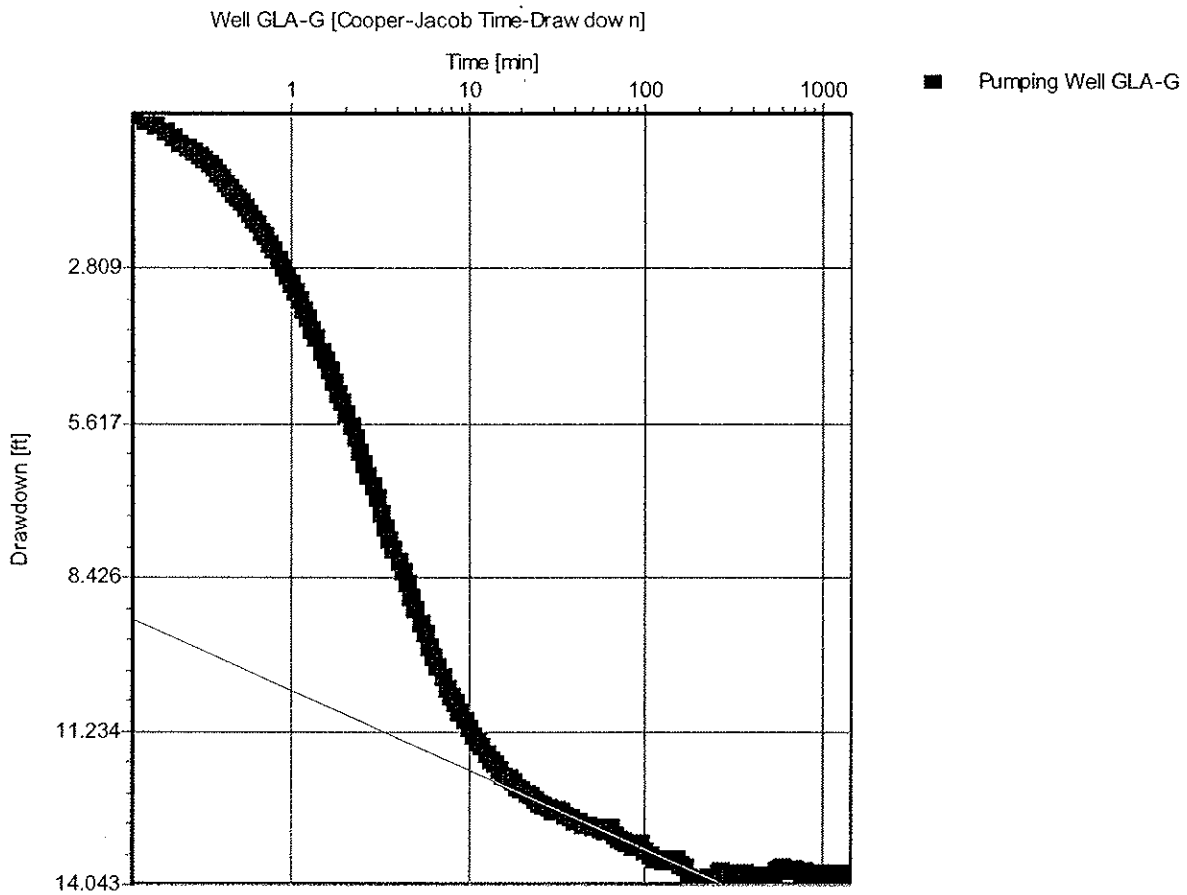
ATTACHMENT C

RESULTS OF AQUIFER PUMPING TESTS

GeoLogic Associates 1360 Valley Vista Drive Diamond Bar, California 91765	**Pumping Test Analysis Report**
	Project: Gregory #2
	Number:
	Client:



Pumping Test: **Well GLA-G**

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

Analysis Results:	Transmissivity:	6.03E+1 [ft²/d]	Conductivity:	9.43E-1 [ft/d]

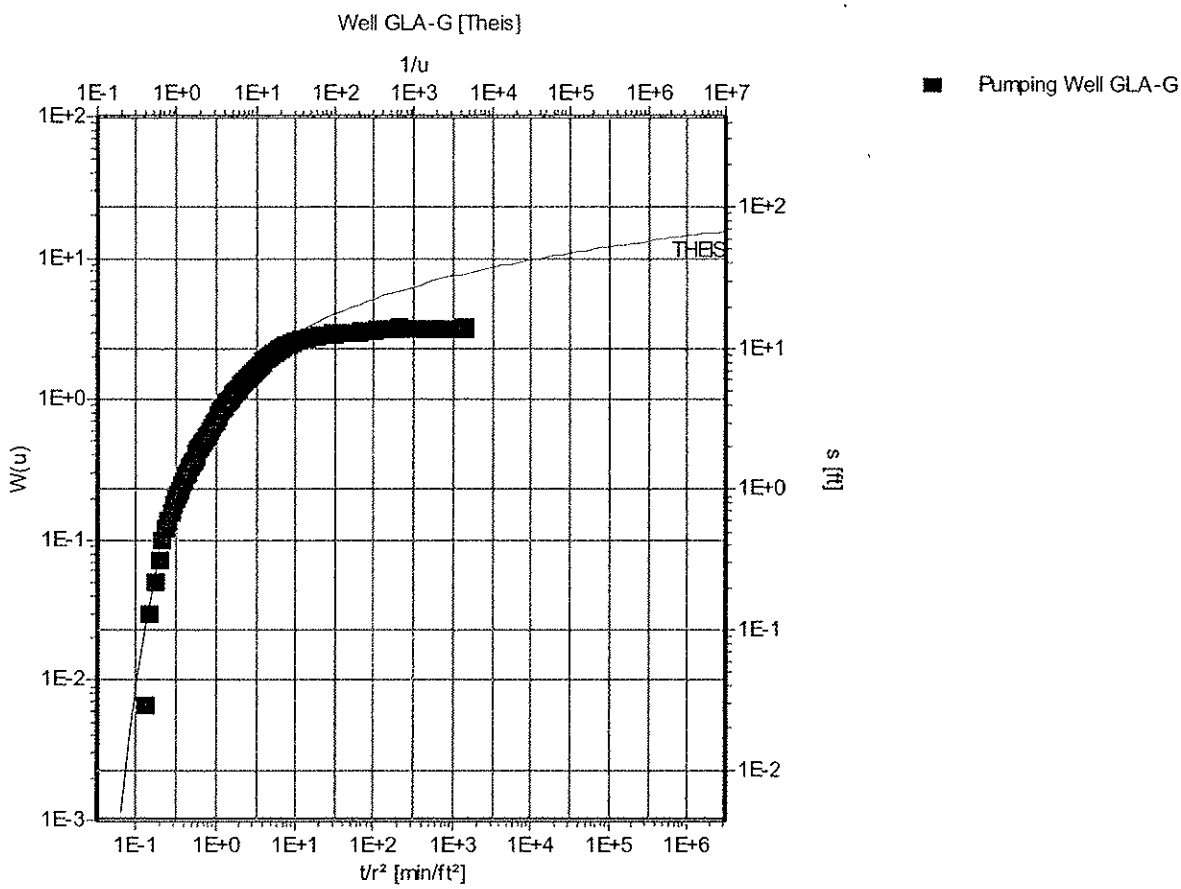
Test parameters:				
	Pumping Well:	Pumping Well GLA-G	Aquifer Thickness:	64 [ft]
	Casing radius:	0.1667 [ft]	Confined Aquifer	
	Screen length:	40 [ft]		
	Boring radius:	0.333 [ft]		
	Discharge Rate:	2.5 [U.S. gal/min]		

Comments:

Evaluated by:

Evaluation Date: 8/11/2004

GeoLogic Associates 1360 Valley Vista Drive Diamond Bar, California 91765	**Pumping Test Analysis Report**
	Project: Gregory #2
	Number:
	Client:



Pumping Test: **Well GLA-G**

Analysis Method: **Theis**

Analysis Results:	Transmissivity:	8.77E+0 [ft²/d]	Conductivity:	1.37E-1 [ft/d]
	Storativity:	7.90E-3		

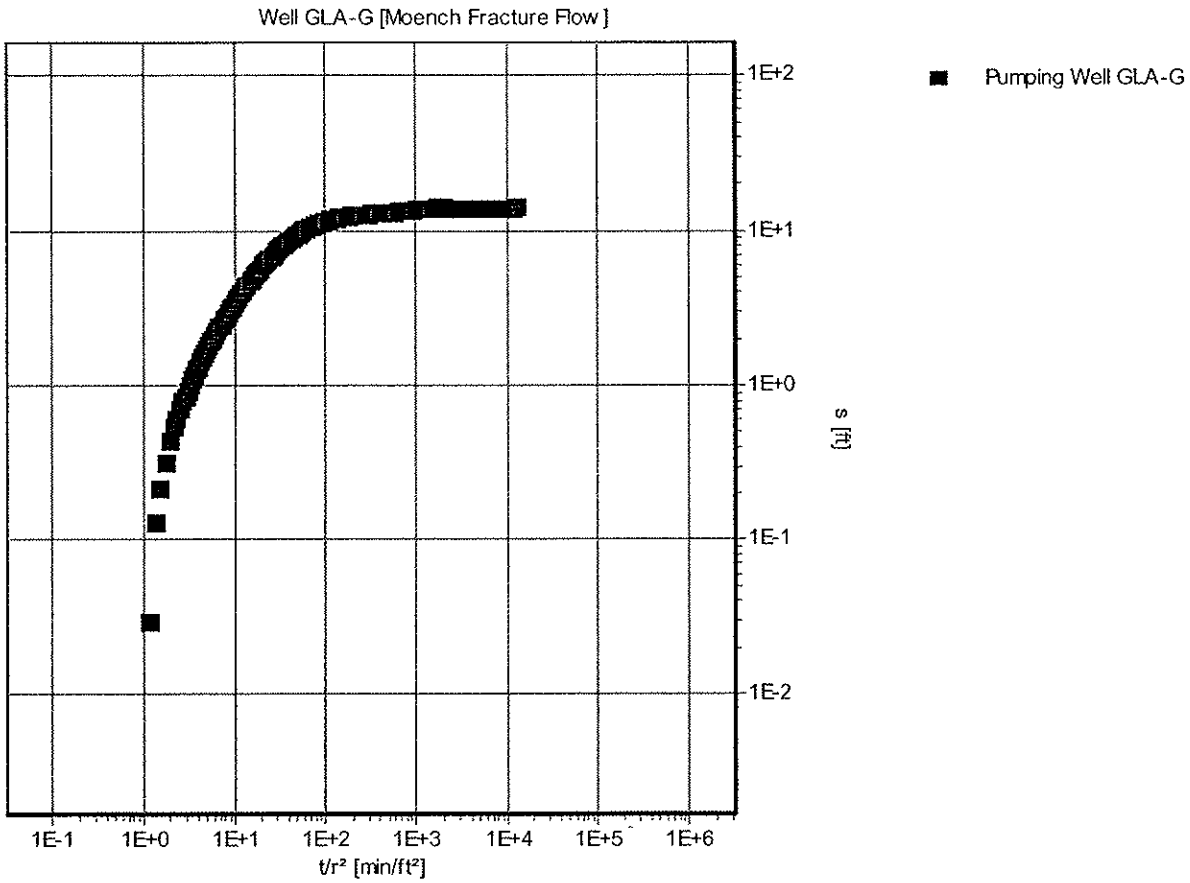
Test parameters:	Pumping Well:	Pumping Well GLA-G	Aquifer Thickness:	64 [ft]
	Casing radius:	0.1667 [ft]	Confined Aquifer	
	Screen length:	40 [ft]		
	Boring radius:	0.333 [ft]		
	Discharge Rate:	2.5 [U.S. gal/min]		

Comments:

Evaluated by:

Evaluation Date: 8/11/2004

GeoLogic Associates 1360 Valley Vista Drive Diamond Bar, California 91765	**Pumping Test Analysis Report**
	Project: Gregory #2
	Number:
	Client:



Pumping Test: **Well GLA-G**

Analysis Method: **Moench Fracture Flow**

Analysis Results:	Transmissivity:	2.36E+1 [ft²/d]	Conductivity:	3.69E-1 [ft/d]
	Storativity:	5.25E-2		

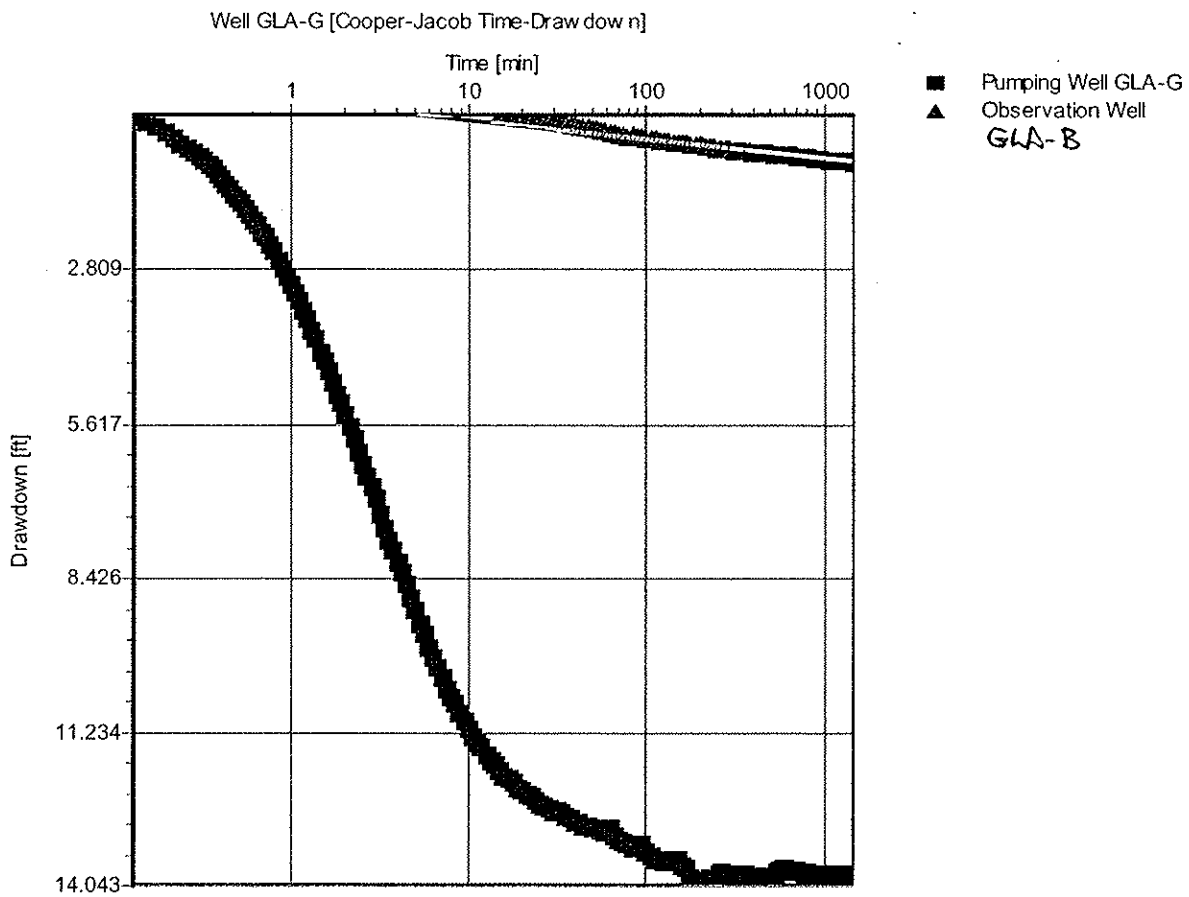
Test parameters:	Pumping Well:	Pumping Well GLA-G	Aquifer Thickness:	64 [ft]
	Casing radius:	0.1667 [ft]	b:	64 [ft]
	Screen length:	40 [ft]	Kv/Kh:	0.1
	Boring radius:	0.333 [ft]	C:	0.348
	Discharge Rate:	2.5 [U.S. gal/min]	K(block)/K(Skin):	0.1
	Ss(blk)/Ss(fract):	200	K(block)/K(fracture):	0.1

Comments:

Evaluated by: Mark Vincent

Evaluation Date: 8/11/2004

GeoLogic Associates 1360 Valley Vista Drive Diamond Bar, California 91765	**Pumping Test Analysis Report**
	Project: Gregory #2
	Number:
	Client:



Pumping Test: **Well GLA-G**

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

Analysis Results:	Transmissivity:	2.54E+2 [ft²/d]	Conductivity:	3.96E+0 [ft/d]

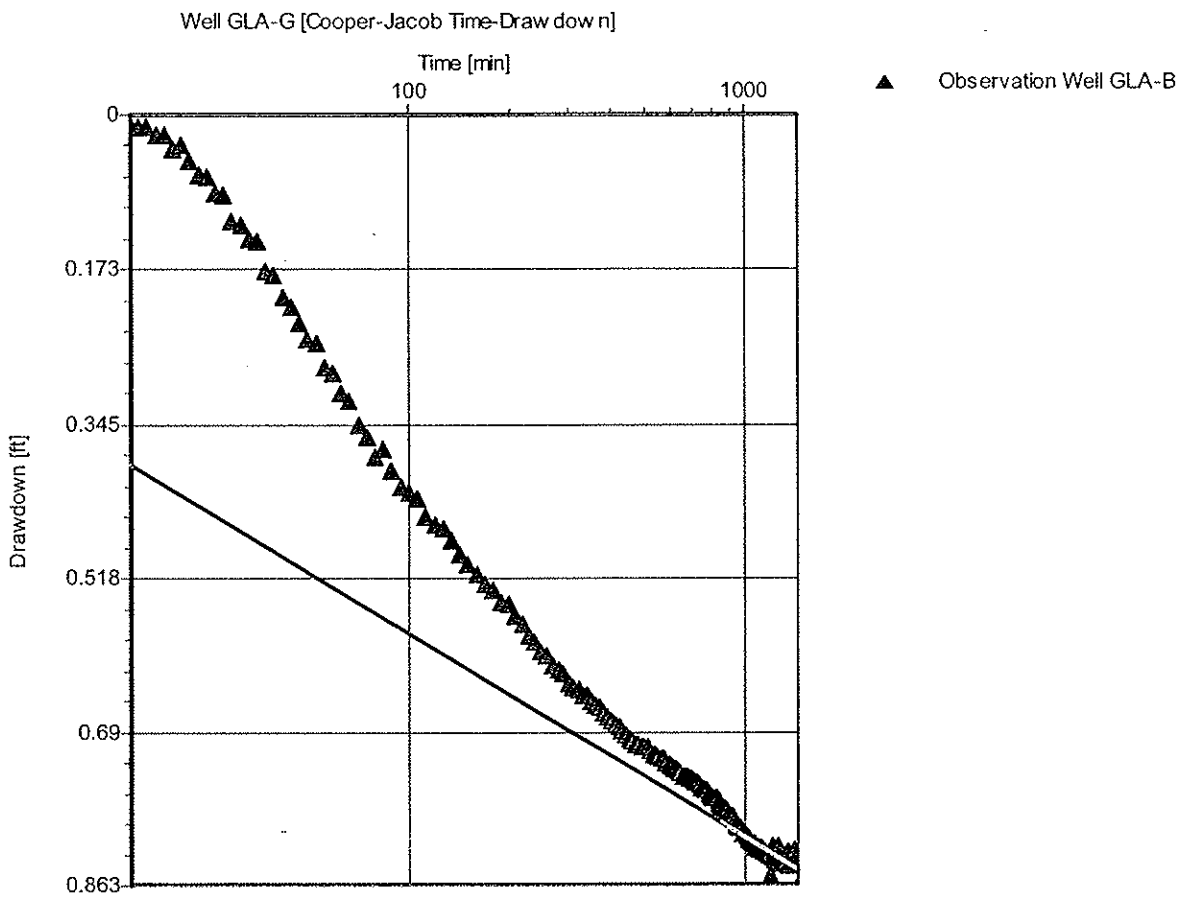
Test parameters:	Pumping Well:	Pumping Well GLA-G	Aquifer Thickness:	64 [ft]
	Casing radius:	0.1667 [ft]	Confined Aquifer	
	Screen length:	40 [ft]		
	Boring radius:	0.333 [ft]		
	Discharge Rate:	2.5 [U.S. gal/min]		

Comments:

Evaluated by:

Evaluation Date: 8/12/2004

GeoLogic Associates 1360 Valley Vista Drive Diamond Bar, California 91765	**Pumping Test Analysis Report**
	Project: Gregory #2
	Number:
	Client:



Pumping Test: **Well GLA-G**

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

Analysis Results:	Transmissivity:	3.84E+2 [ft²/d]	Conductivity:	6.00E+0 [ft/d]

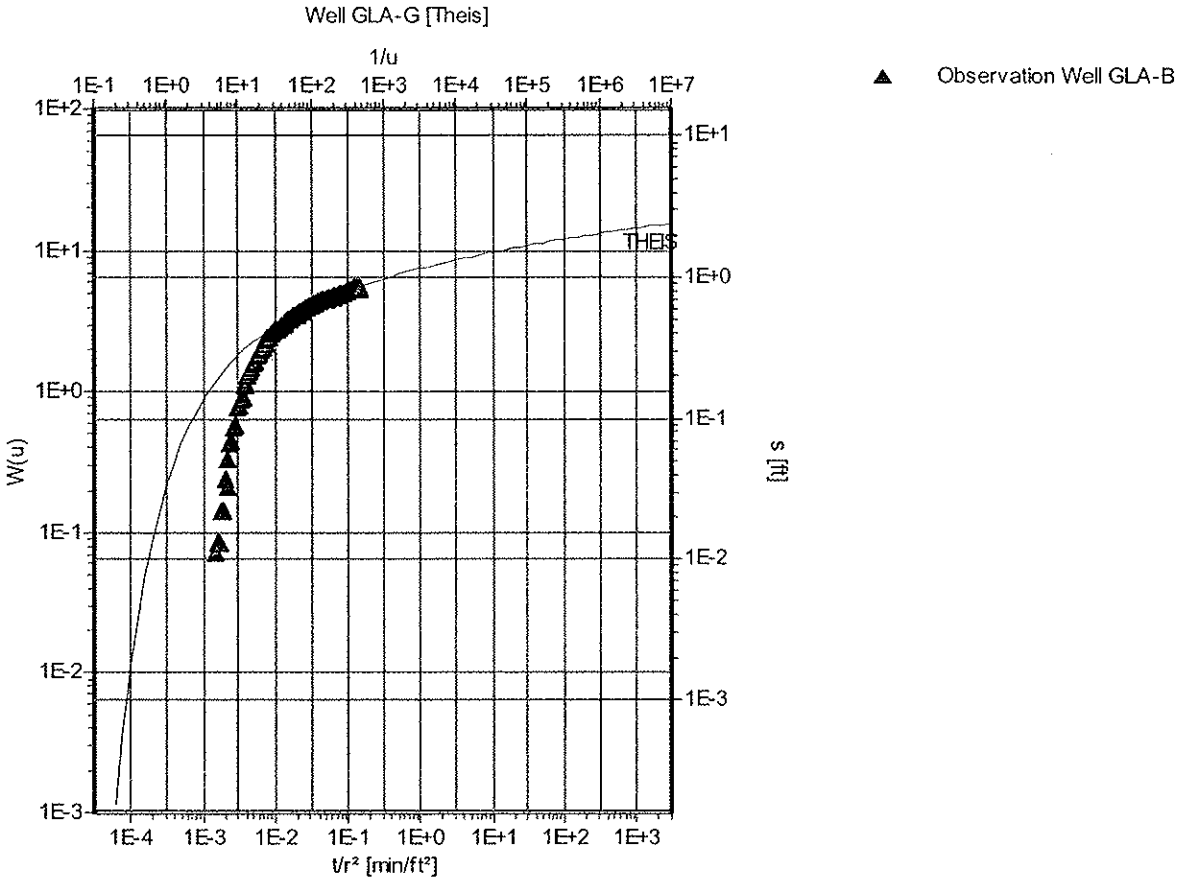
Test parameters:	Pumping Well:	Pumping Well GLA-G	Aquifer Thickness:	64 [ft]
	Casing radius:	0.1667 [ft]	Confined Aquifer	
	Screen length:	40 [ft]		
	Boring radius:	0.333 [ft]		
	Discharge Rate:	2.5 [U.S. gal/min]		

Comments:

Evaluated by:

Evaluation Date: 8/12/2004

GeoLogic Associates 1360 Valley Vista Drive Diamond Bar, California 91765	**Pumping Test Analysis Report**
	Project: Gregory #2
	Number:
	Client:



Pumping Test: **Well GLA-G**

Analysis Method: **Theis**

Analysis Results:	Transmissivity:	2.47E+2 [ft²/d]	Conductivity:	3.86E+0 [ft/d]
	Storativity:	2.13E-4		

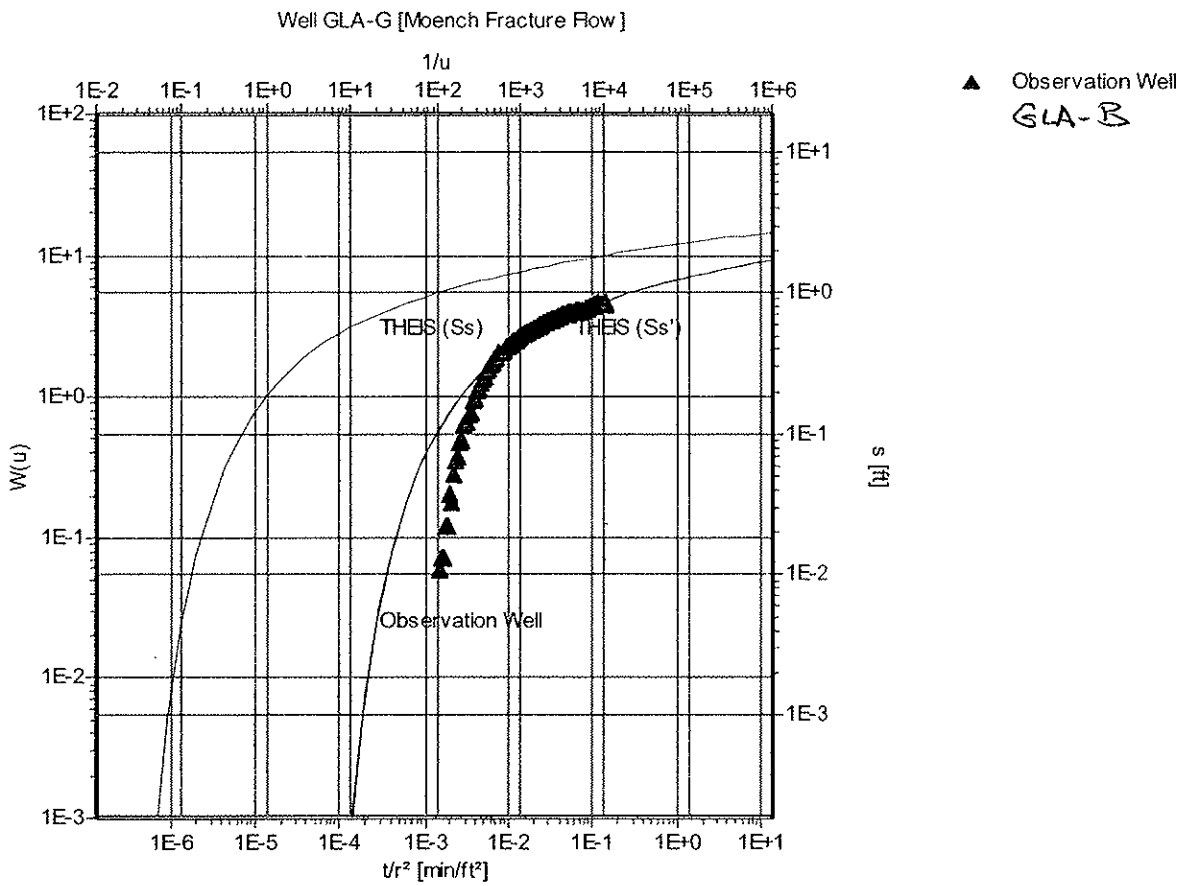
Test parameters:	Pumping Well:	Pumping Well GLA-G	Aquifer Thickness:	64 [ft]
	Casing radius:	0.1667 [ft]	Confined Aquifer	
	Screen length:	40 [ft]		
	Boring radius:	0.333 [ft]		
	Discharge Rate:	2.5 [U.S. gal/min]		

Comments:

Evaluated by: Mark Vincent

Evaluation Date: 8/12/2004

GeoLogic Associates 1360 Valley Vista Drive Diamond Bar, California 91765	**Pumping Test Analysis Report**
	Project: Gregory #2
	Number:
	Client:



Pumping Test: **Well GLA-G**

Analysis Method: **Moench Fracture Flow**

Analysis Results:	Transmissivity:	2.08E+2 [ft²/d]	Conductivity:	3.26E+0 [ft/d]
	Storativity:	1.99E-6		

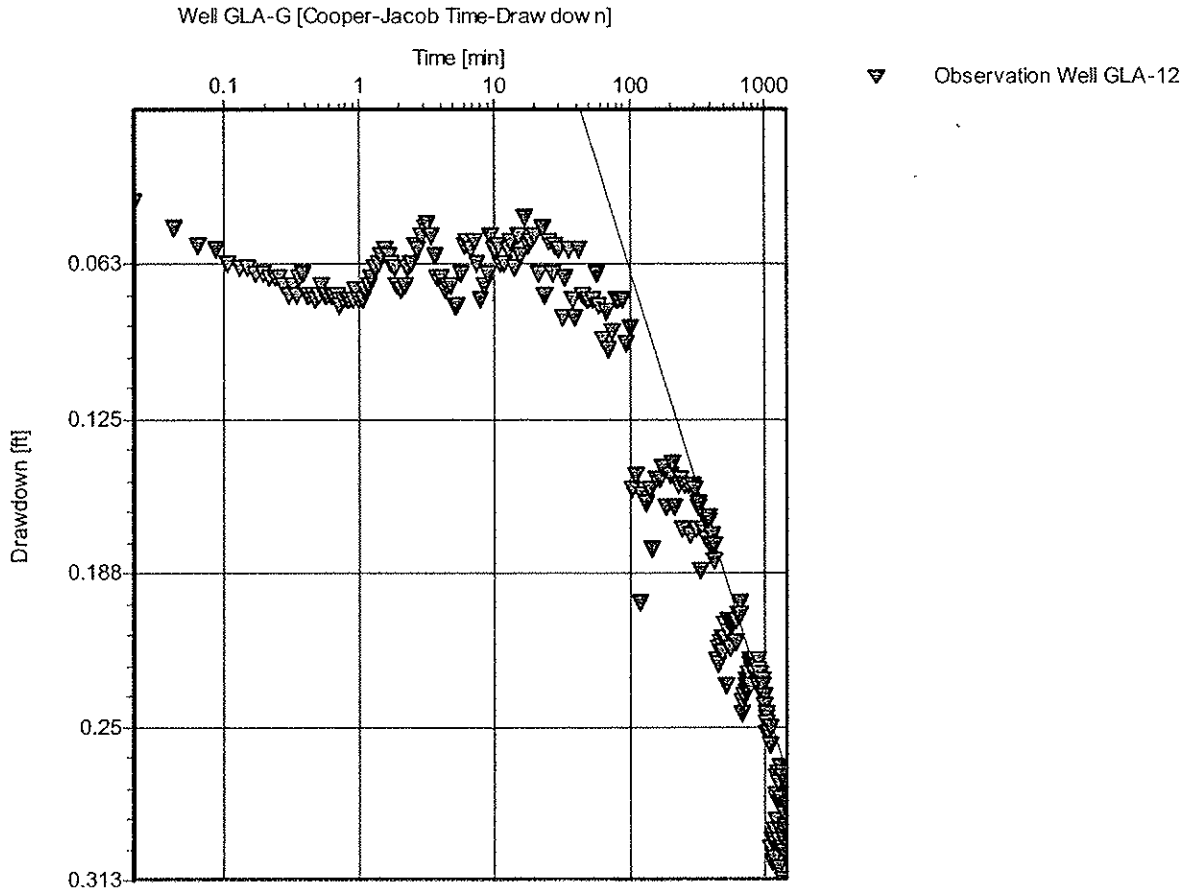
Test parameters:	Pumping Well:	Pumping Well GLA-G	Aquifer Thickness:	64 [ft]
	Casing radius:	0.1667 [ft]	b:	64 [ft]
	Screen length:	40 [ft]	Kv/Kh:	0.1
	Boring radius:	0.333 [ft]	C:	0.348
	Discharge Rate:	2.5 [U.S. gal/min]	K(block)/K(Skin):	0.1
	Ss(blk)/Ss(fract):	200	K(block)/K(fracture):	0.1

Comments:

Evaluated by:

Evaluation Date: 8/12/2004

GeoLogic Associates 1360 Valley Vista Drive Diamond Bar, California 91765	**Pumping Test Analysis Report**
	Project: Gregory #2
	Number:
	Client:



Pumping Test: **Well GLA-G**

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

Analysis Results:	Transmissivity:	5.00E+2 [ft²/d]	Conductivity:	7.82E+0 [ft/d]
	Storativity:	3.36E-3		

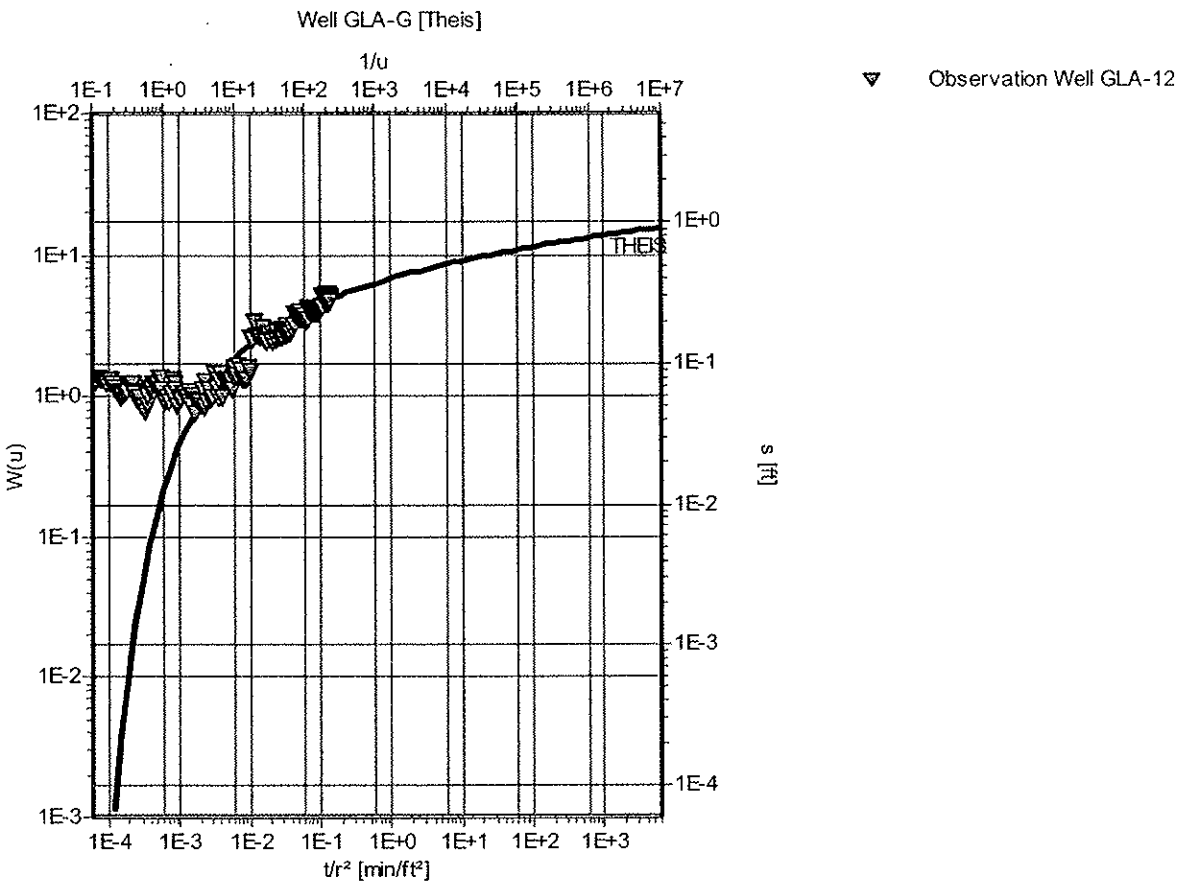
Test parameters:	Pumping Well:	Pumping Well GLA-G	Aquifer Thickness:	64 [ft]
	Casing radius:	0.1667 [ft]	Confined Aquifer	
	Screen length:	40 [ft]		
	Boring radius:	0.333 [ft]		
	Discharge Rate:	2.5 [U.S. gal/min]		

Comments:

Evaluated by:

Evaluation Date: 8/24/2004

GeoLogic Associates 1360 Valley Vista Drive Diamond Bar, California 91765	**Pumping Test Analysis Report**
	Project: Gregory #2
	Number:
	Client:



Pumping Test: **Well GLA-G**

Analysis Method: **Theis**

Analysis Results:	Transmissivity:	6.50E+2 [ft²/d]	Conductivity:	1.02E+1 [ft/d]
	Storativity:	1.09E-3		

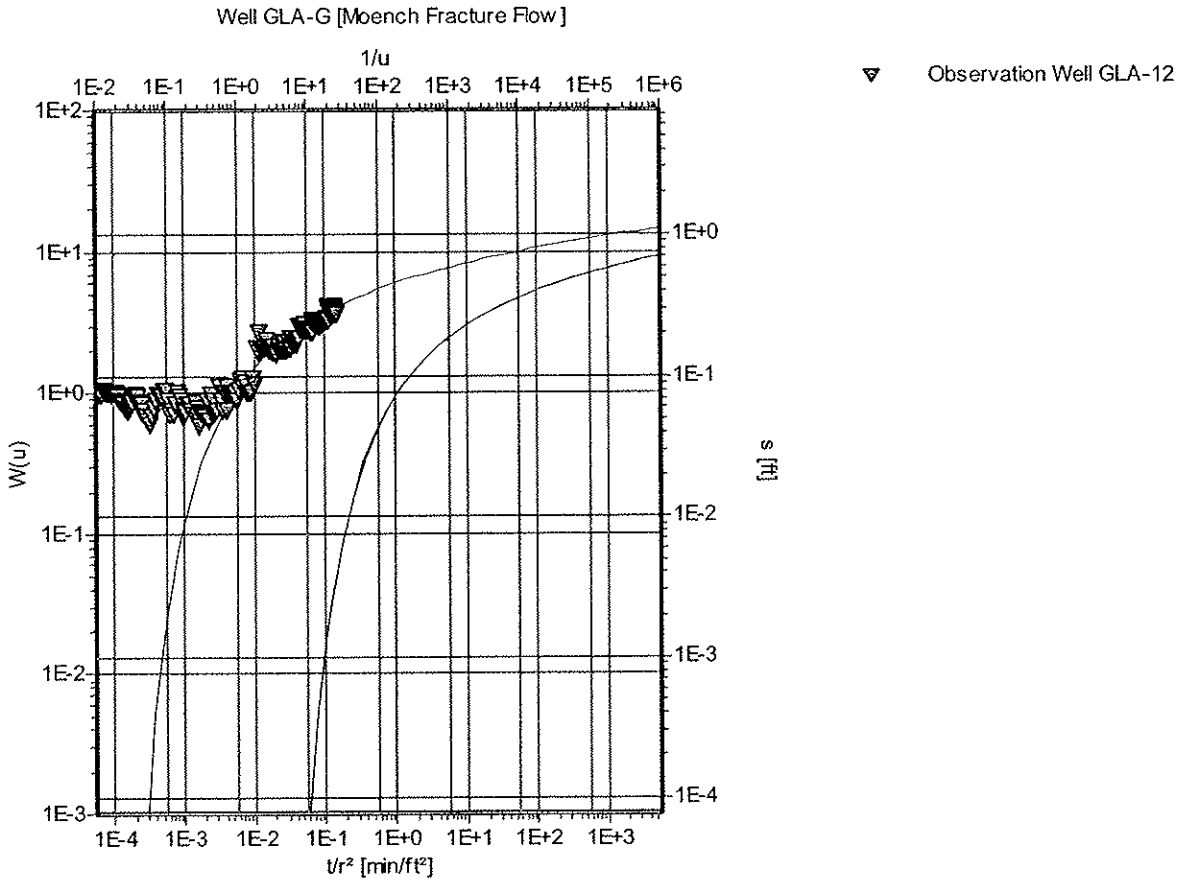
Test parameters:	Pumping Well:	Pumping Well GLA-G	Aquifer Thickness:	64 [ft]
	Casing radius:	0.1667 [ft]	Confined Aquifer	
	Screen length:	40 [ft]		
	Boring radius:	0.333 [ft]		
	Discharge Rate:	2.5 [U.S. gal/min]		

Comments:

Evaluated by:

Evaluation Date: 8/24/2004

GeoLogic Associates 1360 Valley Vista Drive Diamond Bar, California 91765	**Pumping Test Analysis Report**
	Project: Gregory #2
	Number:
	Client:



Pumping Test: **Well GLA-G**

Analysis Method: **Moench Fracture Flow**

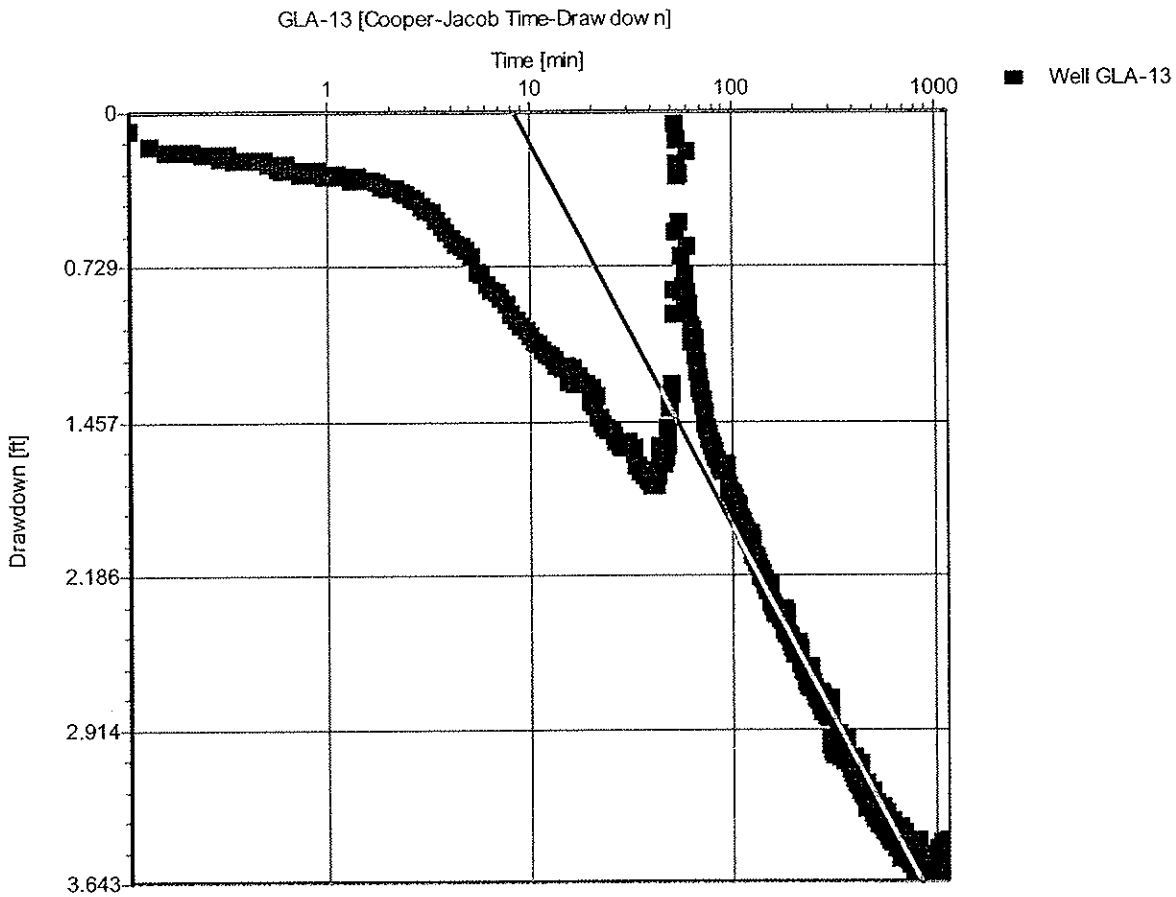
Analysis Results:	Transmissivity:	5.05E+2 [ft²/d]	Conductivity:	7.89E+0 [ft/d]
	Storativity:	1.95E-3		
Test parameters:	Pumping Well:	Pumping Well GLA-G	Aquifer Thickness:	64 [ft]
	Casing radius:	0.1667 [ft]	b:	64 [ft]
	Screen length:	40 [ft]	Kv/Kh:	0.1
	Boring radius:	0.333 [ft]	C:	0.348
	Discharge Rate:	2.5 [U.S. gal/min]	K(block)/K(Skin):	0.1
	Ss(blk)/Ss(fract):	200	K(block)/K(fracture):	0.1

Comments:

Evaluated by:

Evaluation Date: 8/24/2004

GeoLogic Associates 1360 Valley Vista Drive Diamond Bar, California 91765	**Pumping Test Analysis Report** Project: Gregory #3 Number: Client:



Pumping Test: **GLA-13**

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

Analysis Results:	Transmissivity:	8.77E+1 [ft²/d]	Conductivity:	4.79E+0 [ft/d]

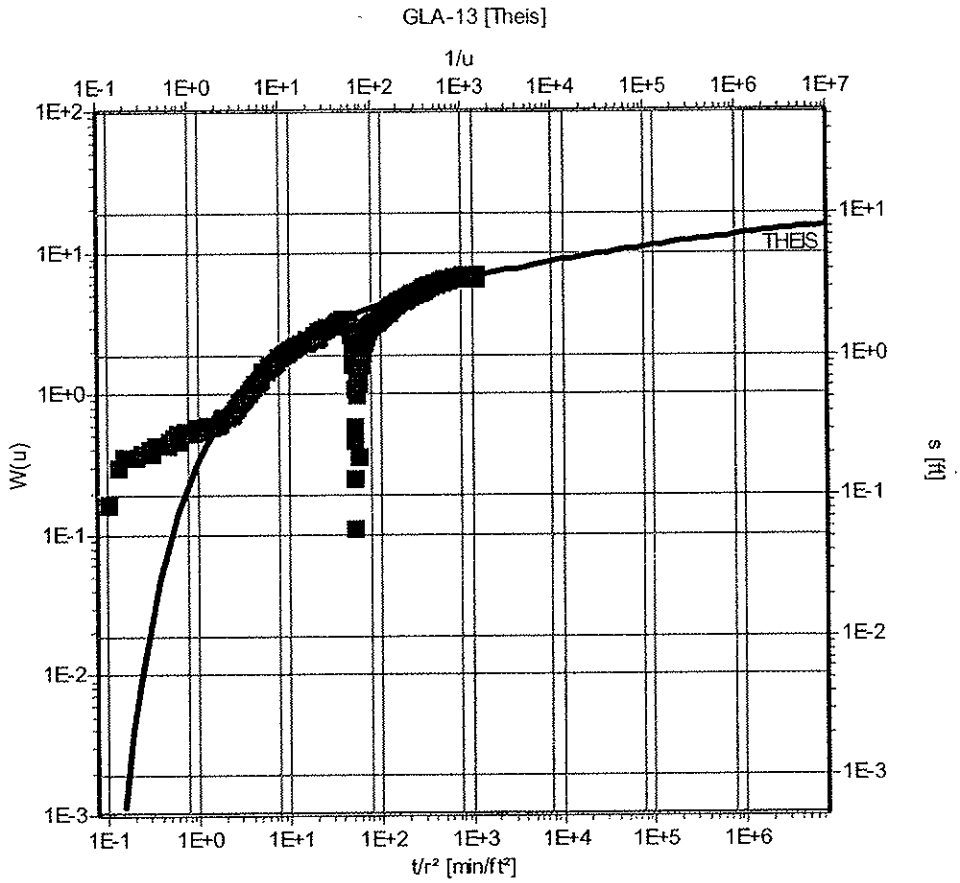
Test parameters:	Pumping Well:	Well GLA-13	Aquifer Thickness:	18.3 [ft]
	Casing radius:	0.083 [ft]	Confined Aquifer	
	Screen length:	20 [ft]		
	Boring radius:	0.354 [ft]		
	Discharge Rate:	4.5 [U.S. gal/min]		

Comments: Analysis based on visual match to later part of GLA-13 pump test.

Evaluated by: Mark Vincent

Evaluation Date: 8/13/2004

GeoLogic Associates 1360 Valley Vista Drive Diamond Bar, California 91765	**Pumping Test Analysis Report**
	Project: Gregory #3
	Number:
	Client:



Pumping Test: **GLA-13**

Analysis Method: **Theis**

Analysis Results:	Transmissivity:	1.31E+2 [ft²/d]	Conductivity:	7.14E+0 [ft/d]
	Storativity:	2.80E-1		

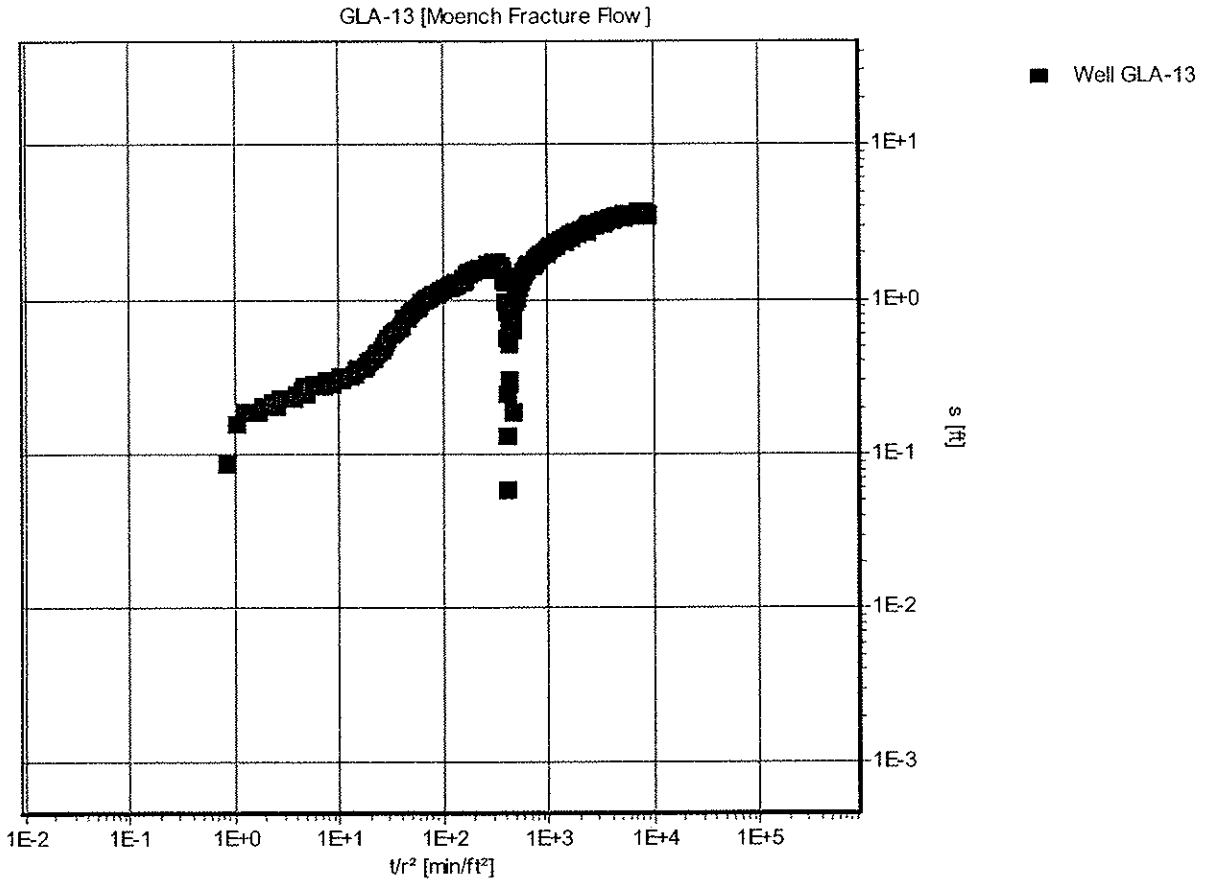
Test parameters:	Pumping Well:	Well GLA-13	Aquifer Thickness:	18.3 [ft]
	Casing radius:	0.083 [ft]	Confined Aquifer	
	Screen length:	20 [ft]		
	Boring radius:	0.354 [ft]		
	Discharge Rate:	4.5 [U.S. gal/min]		

Comments:

Evaluated by:

Evaluation Date: 8/13/2004

GeoLogic Associates 1360 Valley Vista Drive Diamond Bar, California 91765	**Pumping Test Analysis Report**
	Project: Gregory #3
	Number:
	Client:



Pumping Test: **GLA-13**

Analysis Method: **Moench Fracture Flow**

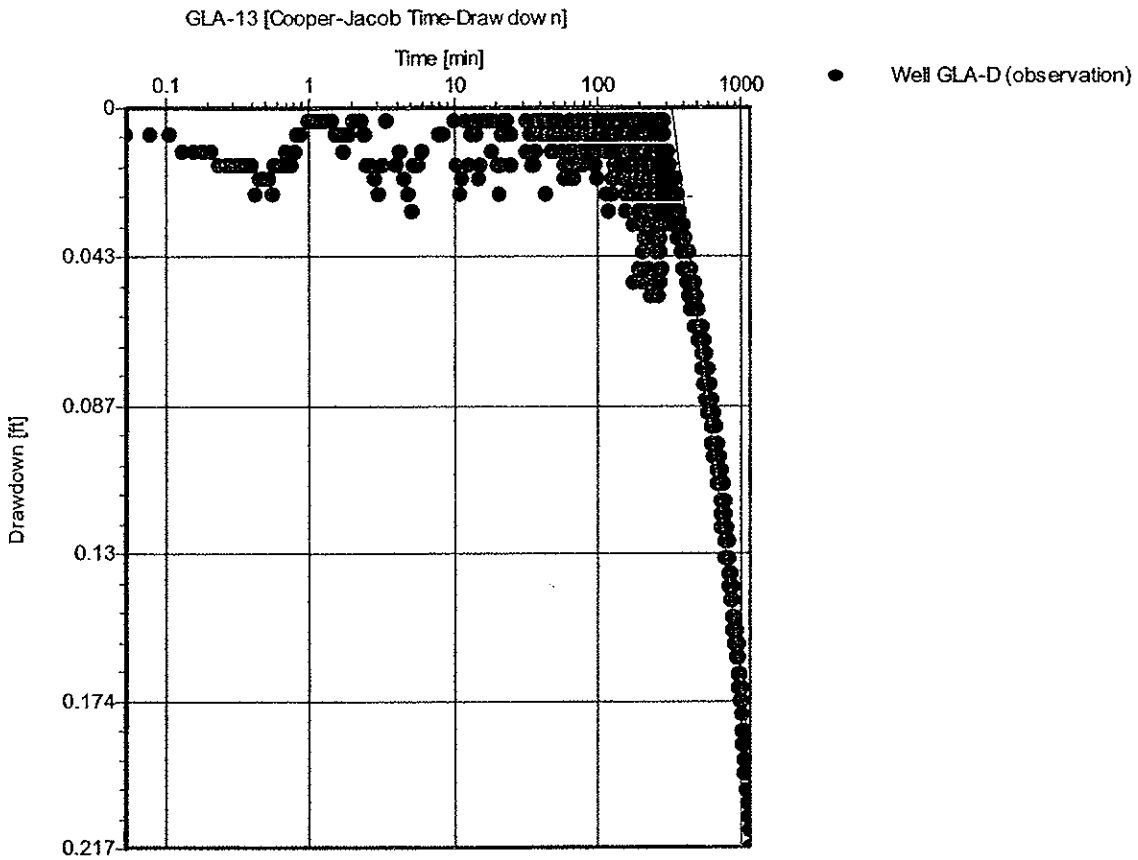
Analysis Results:	Transmissivity:	1.50E+2 [ft²/d]	Conductivity:	8.19E+0 [ft/d]
	Storativity:	9.72E-2		
Test parameters:	Pumping Well:	Well GLA-13	Aquifer Thickness:	18.3 [ft]
	Casing radius:	0.083 [ft]	b:	18.3 [ft]
	Screen length:	20 [ft]	Kv/Kh:	0.1
	Boring radius:	0.354 [ft]	C:	0.394
	Discharge Rate:	4.5 [U.S. gal/min]	K(block)/K(Skin):	0.1
	Ss(blk)/Ss(fract):	200	K(block)/K(fracture):	0.1

Comments:

Evaluated by:

Evaluation Date: 8/13/2004

GeoLogic Associates 1360 Valley Vista Drive Diamond Bar, California 91765	**Pumping Test Analysis Report**	
	Project: Gregory #3	
	Number:	
	Client:	



Pumping Test: **GLA-13**

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

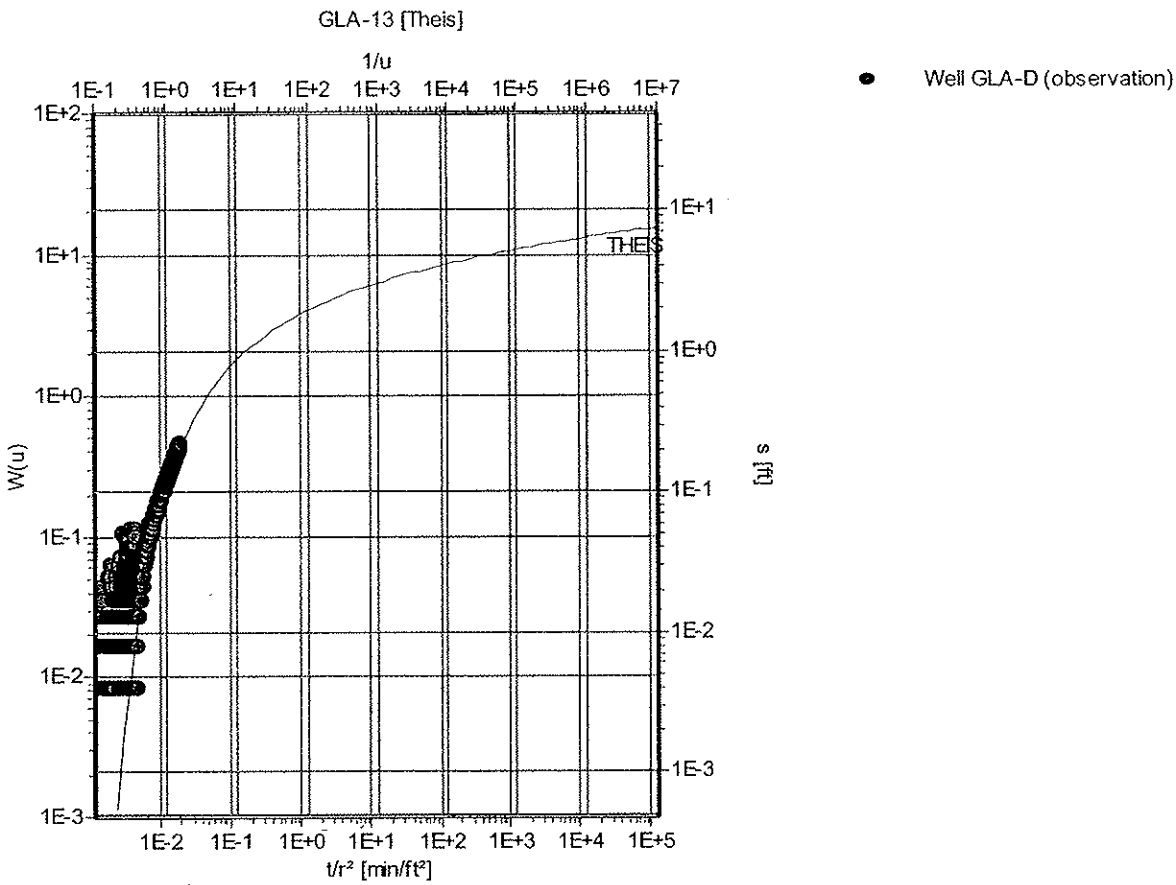
Analysis Results:	Transmissivity:	4.51E+2 [ft²/d]	Conductivity:	2.46E+1 [ft/d]
Test parameters:	Pumping Well:	Well GLA-13	Aquifer Thickness:	18.3 [ft]
	Casing radius:	0.083 [ft]	Confined Aquifer	
	Screen length:	20 [ft]		
	Boring radius:	0.354 [ft]		
	Discharge Rate:	4.5 [U.S. gal/min]		

Comments:

Evaluated by:

Evaluation Date: 8/24/2004

GeoLogic Associates 1360 Valley Vista Drive Diamond Bar, California 91765	**Pumping Test Analysis Report**
	Project: Gregory #3
	Number:
	Client:



Pumping Test: **GLA-13**

Analysis Method: **Theis**

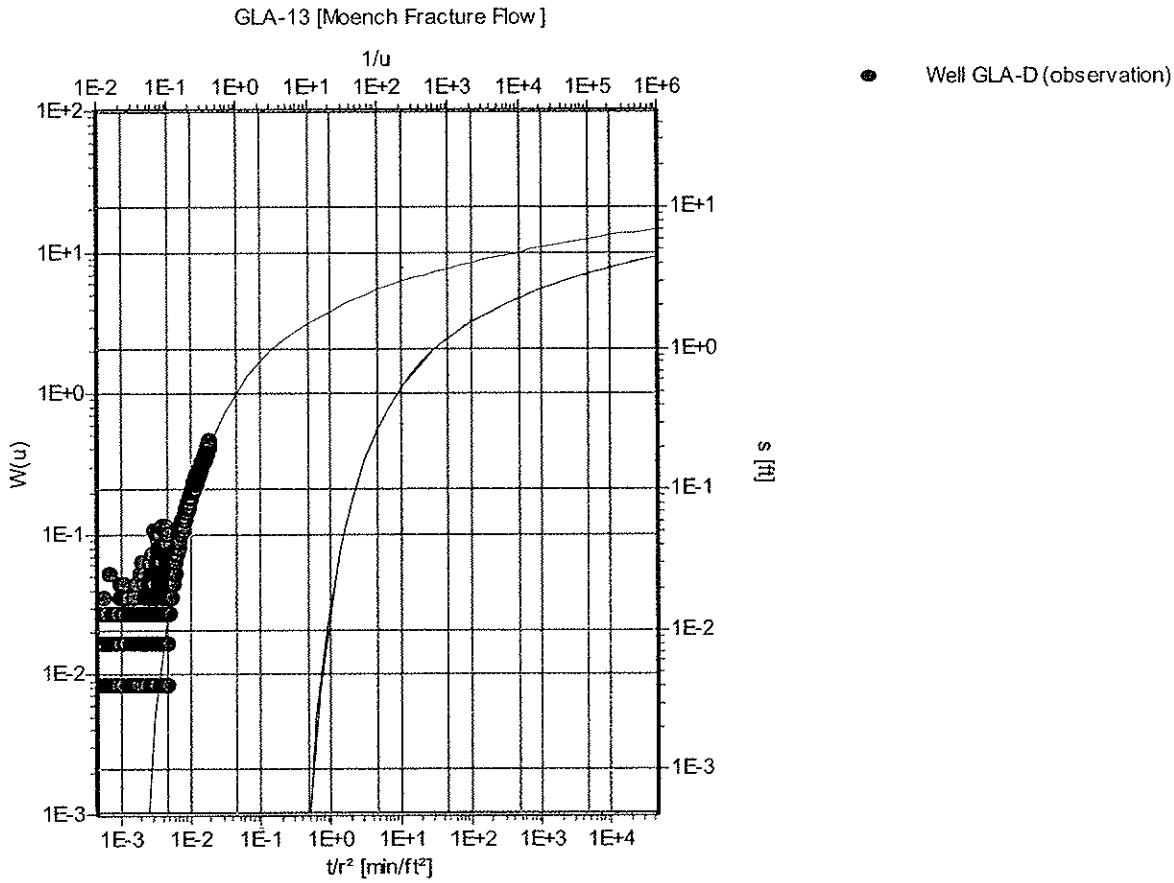
Analysis Results:	Transmissivity:	1.44E+2 [ft²/d]	Conductivity:	7.87E+0 [ft/d]
	Storativity:	5.04E-3		
Test parameters:	Pumping Well:	Well GLA-13	Aquifer Thickness:	18.3 [ft]
	Casing radius:	0.083 [ft]	Confined Aquifer	
	Screen length:	20 [ft]		
	Boring radius:	0.354 [ft]		
	Discharge Rate:	4.5 [U.S. gal/min]		

Comments:

Evaluated by: Mark Vincent

Evaluation Date: 8/13/2004

GeoLogic Associates 1360 Valley Vista Drive Diamond Bar, California 91765	**Pumping Test Analysis Report**
	Project: Gregory #3
	Number:
	Client:



Pumping Test: **GLA-13**

Analysis Method: **Moench Fracture Flow**

Analysis Results:	Transmissivity:	1.44E+2 [ft²/d]	Conductivity:	7.87E+0 [ft/d]
	Storativity:	4.68E-3		

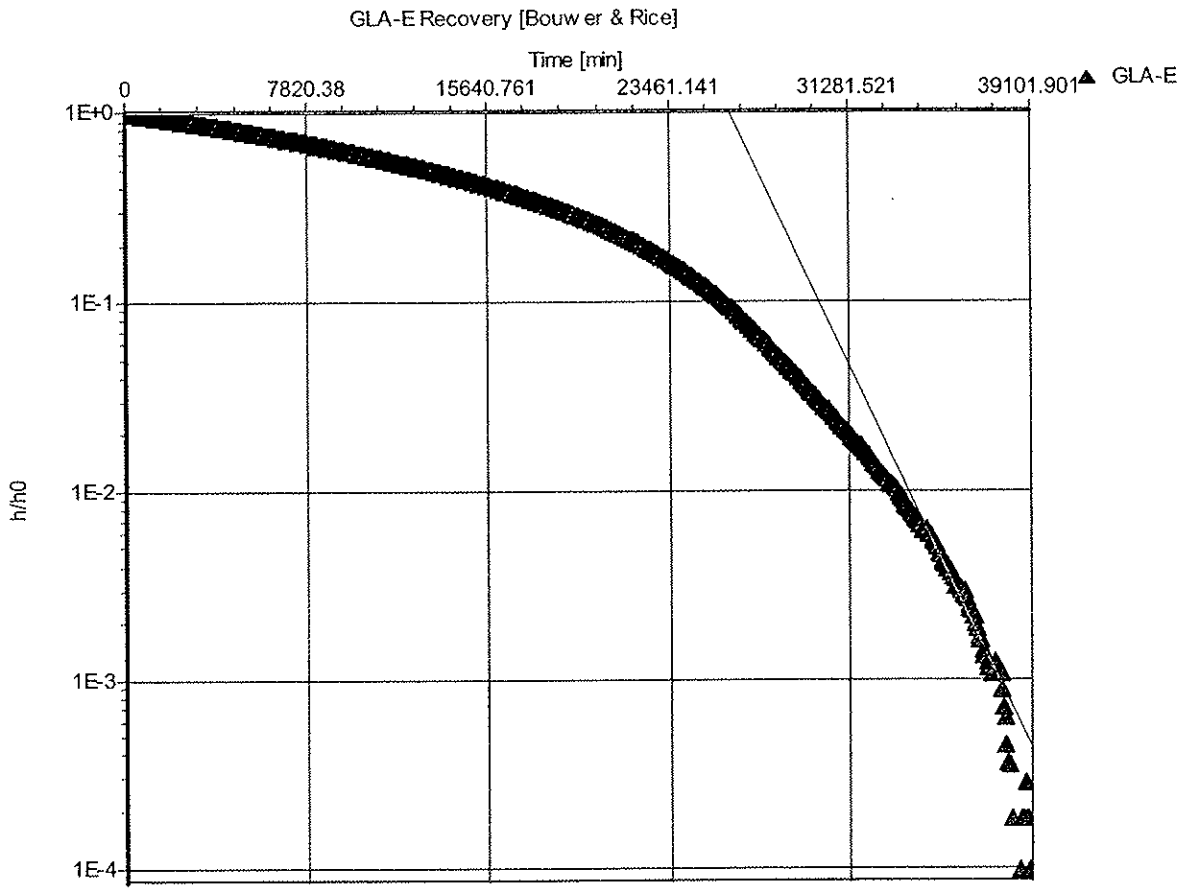
Test parameters:	Pumping Well:	Well GLA-13	Aquifer Thickness:	18.3 [ft]
	Casing radius:	0.083 [ft]	b:	18.3 [ft]
	Screen length:	20 [ft]	Kv/Kh:	0.1
	Boring radius:	0.354 [ft]	C:	0.394
	Discharge Rate:	4.5 [U.S. gal/min]	K(block)/K(Skin):	0.1
	Ss(blk)/Ss(fract):	200	K(block)/K(fracture):	0.1

Comments:

Evaluated by:

Evaluation Date: 8/24/2004

GeoLogic Associates 1360 Valley Vista Drive Diamond Bar, California 91765	**Slug Test Analysis Report** Project: Gregory #4 Bail Tests Number: Client: Gregory Canyon Ltd.



Slug Test: **GLA-E Recovery**

Analysis Method: **Bouwer & Rice**

Analysis Results: Conductivity: 3.07E-3 [ft/d]

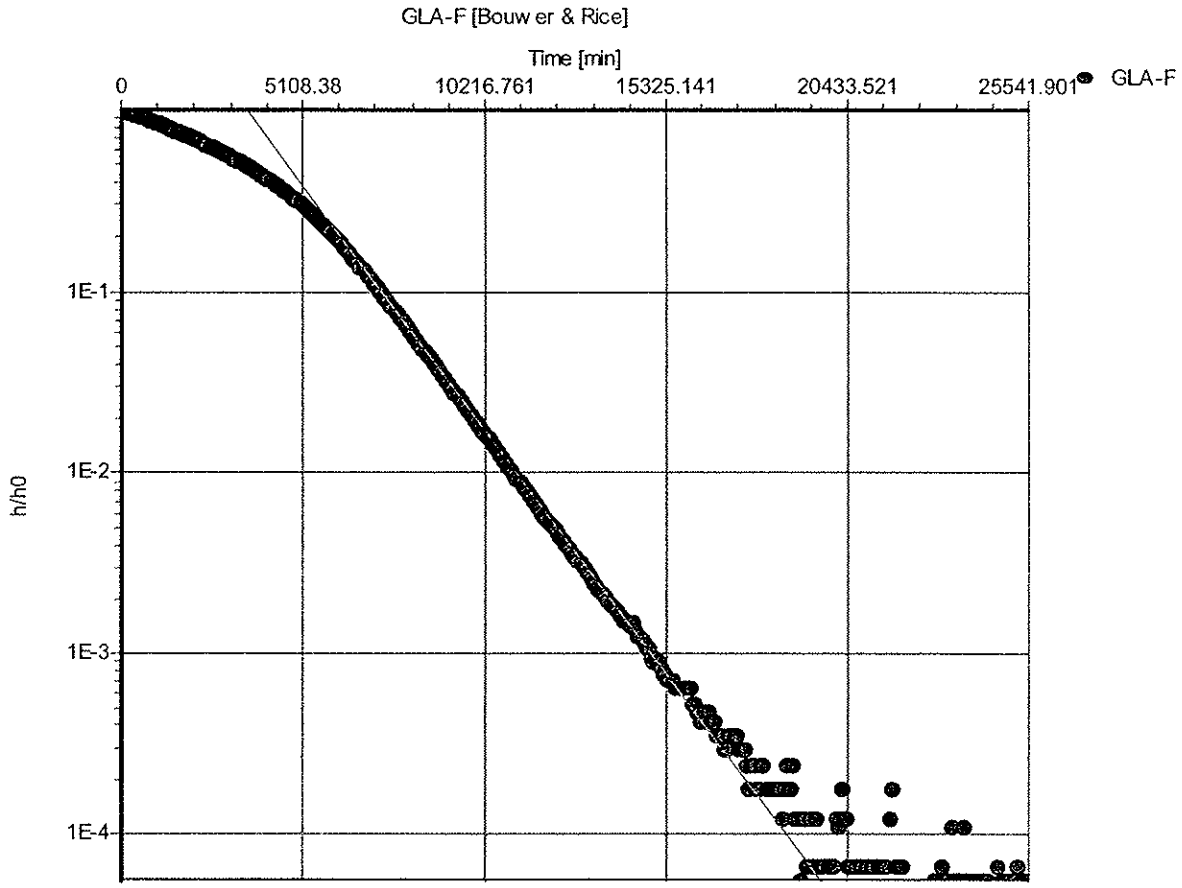
Test parameters:				
	Test Well:	GLA-E	Aquifer Thickness:	73 [ft]
	Casing radius:	0.354 [ft]	Gravel Pack Porosity (%)	25
	Screen length:	73 [ft]		
	Boring radius:	0.354 [ft]		
	r(eff):	0.354 [ft]		

Comments:

Evaluated by:

Evaluation Date: 8/30/2004

GeoLogic Associates 1360 Valley Vista Drive Diamond Bar, California 91765	**Slug Test Analysis Report**
	Project: Gregory #4 Bail Tests
	Number:
	Client: Gregory Canyon Ltd.



Slug Test: **GLA-F**

Analysis Method: **Bouwer & Rice**

Analysis Results: Conductivity: 2.55E-3 [ft/d]

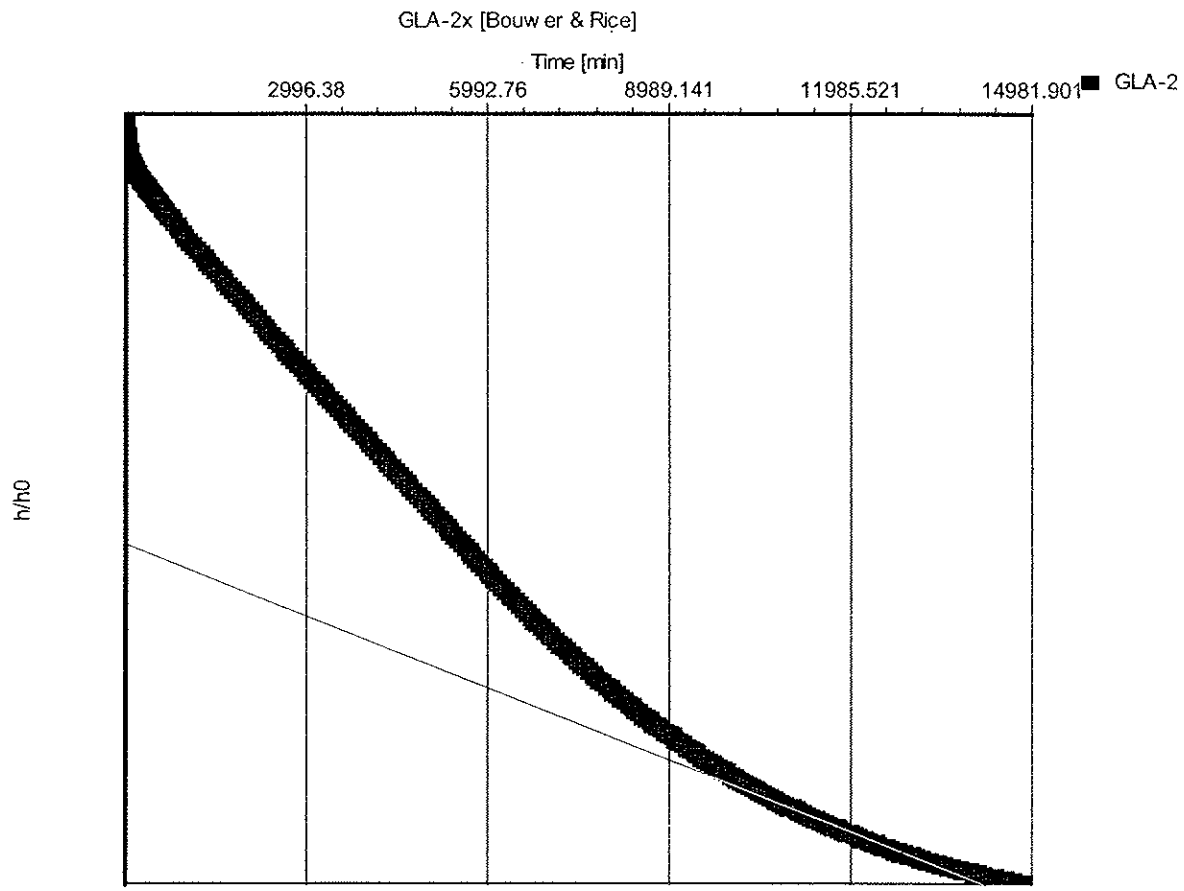
Test parameters:				
	Test Well:	GLA-F	Aquifer Thickness:	95.5 [ft]
	Casing radius:	0.354 [ft]	Gravel Pack Porosity (%)	25
	Screen length:	95.5 [ft]		
	Boring radius:	0.354 [ft]		
	r(eff):	0.354 [ft]		

Comments: Curve matching by user.

Evaluated by: Mark Vincent

Evaluation Date: 8/25/2004

GeoLogic Associates 1360 Valley Vista Drive Diamond Bar, California 91765	**Slug Test Analysis Report** Project: Gregory #4 Bail Tests Number: Client: Gregory Canyon Ltd.



Slug Test: **GLA-2x**

Analysis Method: **Bouwer & Rice**

Analysis Results: Conductivity: 1.75E-5 [ft/d]

Test parameters:				
	Test Well:	GLA-2	Aquifer Thickness:	20.5 [ft]
	Casing radius:	0.167 [ft]	Gravel Pack Porosity (%)	25
	Screen length:	25 [ft]		
	Boring radius:	0.354 [ft]		
	r(eff):	0.229 [ft]		

Comments: Curve match by user for late part of data set.

Evaluated by: Mark Vincent

Evaluation Date: 8/25/2004