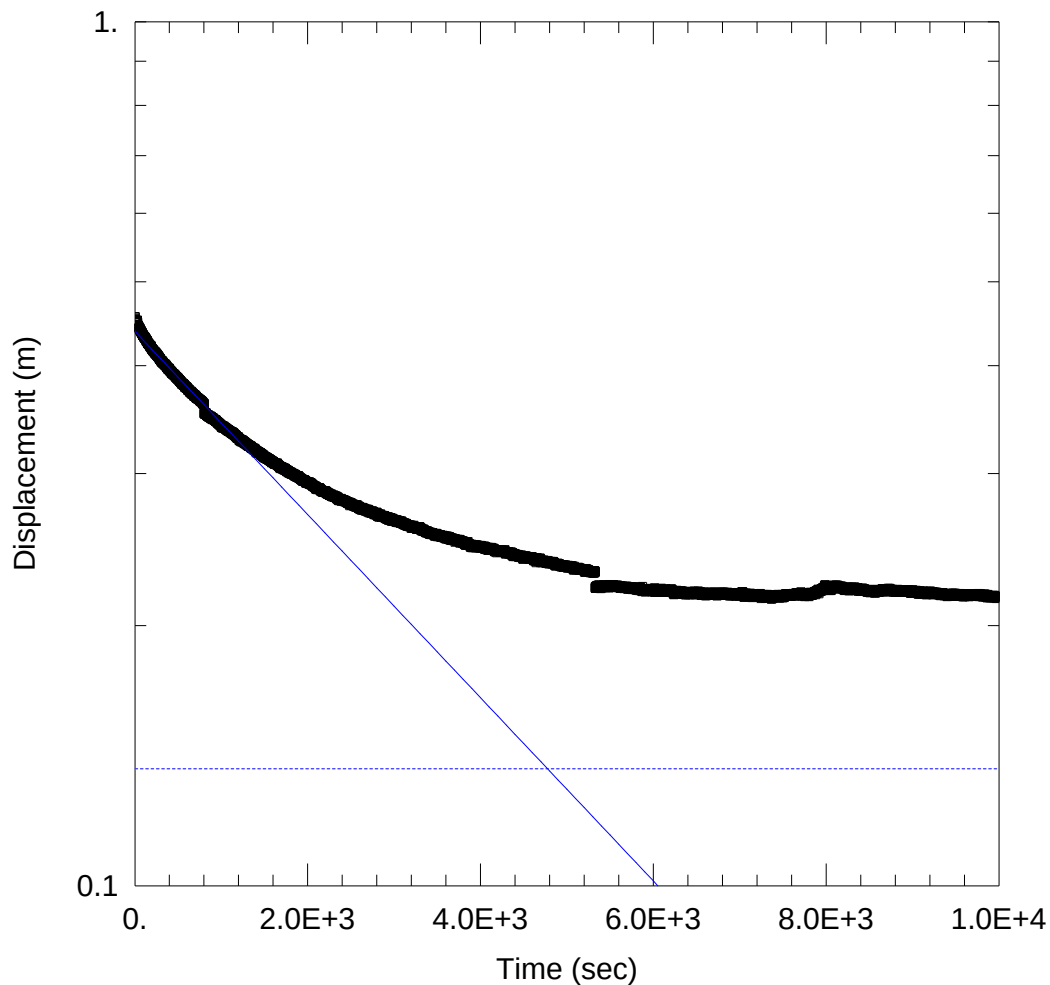




BH2B_1104A_FH

Data Set: C:\...\BH2B_1104A_FH.aqt

Date: 01/22/26

Time: 11:52:03

PROJECT INFORMATION

Company: Aurecon-WSP JV

Client: NZTA

Project: 1-C2466.16

Location: Section 2B

Test Date: 14/10/25

AQUIFER DATA

Saturated Thickness: 12. m

Anisotropy Ratio (Kz/Kr): 1.

WELL DATA (BH2B_1104A)

Initial Displacement: 0.4555 m

Static Water Column Height: 8.89 m

Total Well Penetration Depth: 8.89 m

Screen Length: 6. m

Casing Radius: 0.025 m

Well Radius: 0.048 m

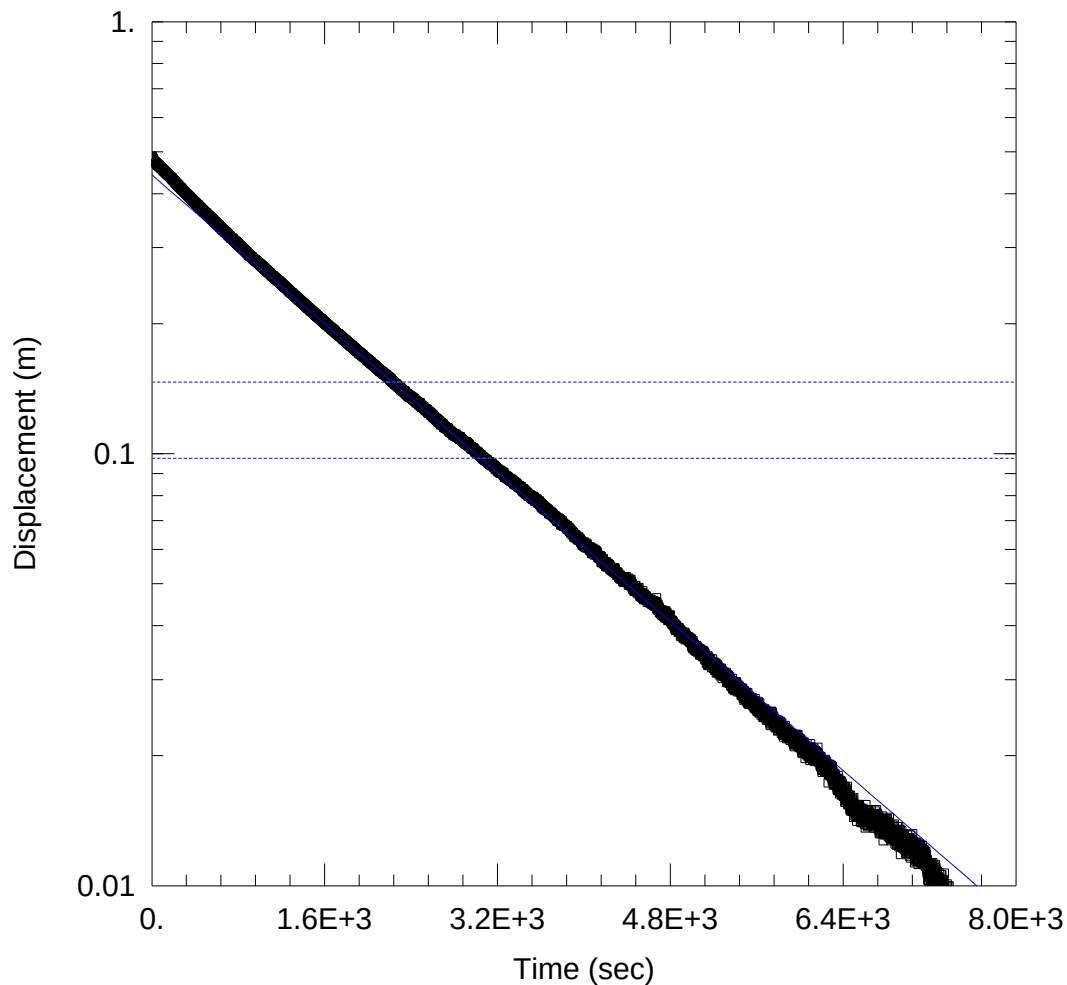
SOLUTION

Aquifer Model: Unconfined

Solution Method: Bouwer-Rice

K = 4.574E-8 m/sec

y0 = 0.4383 m



BH2B_1104A_RH

Data Set: C:\...\BH2B_1104A_RH.aqt

Date: 01/22/26

Time: 11:56:32

PROJECT INFORMATION

Company: Aurecon-WSP JV

Client: NZTA

Project: 1-C2466.16

Location: Section 2B

Test Date: 15/10/25

AQUIFER DATA

Saturated Thickness: 12. m

Anisotropy Ratio (K_z/K_r): 1.

WELL DATA (BH2B_1104A)

Initial Displacement: 0.4886 m

Static Water Column Height: 9.09 m

Total Well Penetration Depth: 9.09 m

Screen Length: 6. m

Casing Radius: 0.025 m

Well Radius: 0.048 m

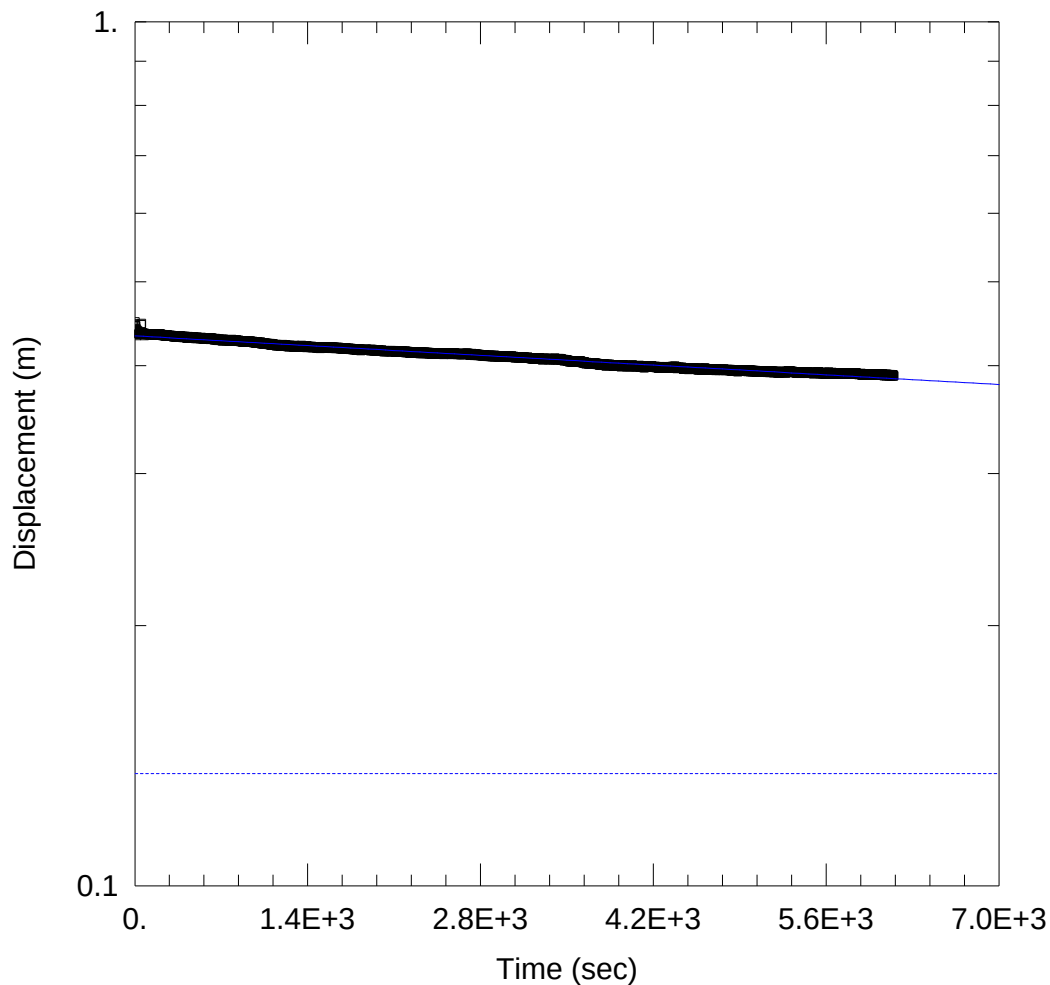
SOLUTION

Aquifer Model: Unconfined

Solution Method: Bouwer-Rice

$K = 9.339\text{E-}8$ m/sec

$y_0 = 0.4419$ m



BH2B_1135_FH

Data Set: C:\...\BH2B_1135_FH.aqt

Date: 01/22/26

Time: 11:53:56

PROJECT INFORMATION

Company: Aurecon-WSP JV

Client: NZTA

Project: 1-C2466.16

Location: Section 2B

Test Date: 14/10/25

AQUIFER DATA

Saturated Thickness: 7.2 m

Anisotropy Ratio (K_z/K_r): 1.

WELL DATA (BH2B_1135)

Initial Displacement: 0.4494 m

Static Water Column Height: 6.93 m

Total Well Penetration Depth: 6.93 m

Screen Length: 3. m

Casing Radius: 0.025 m

Well Radius: 0.048 m

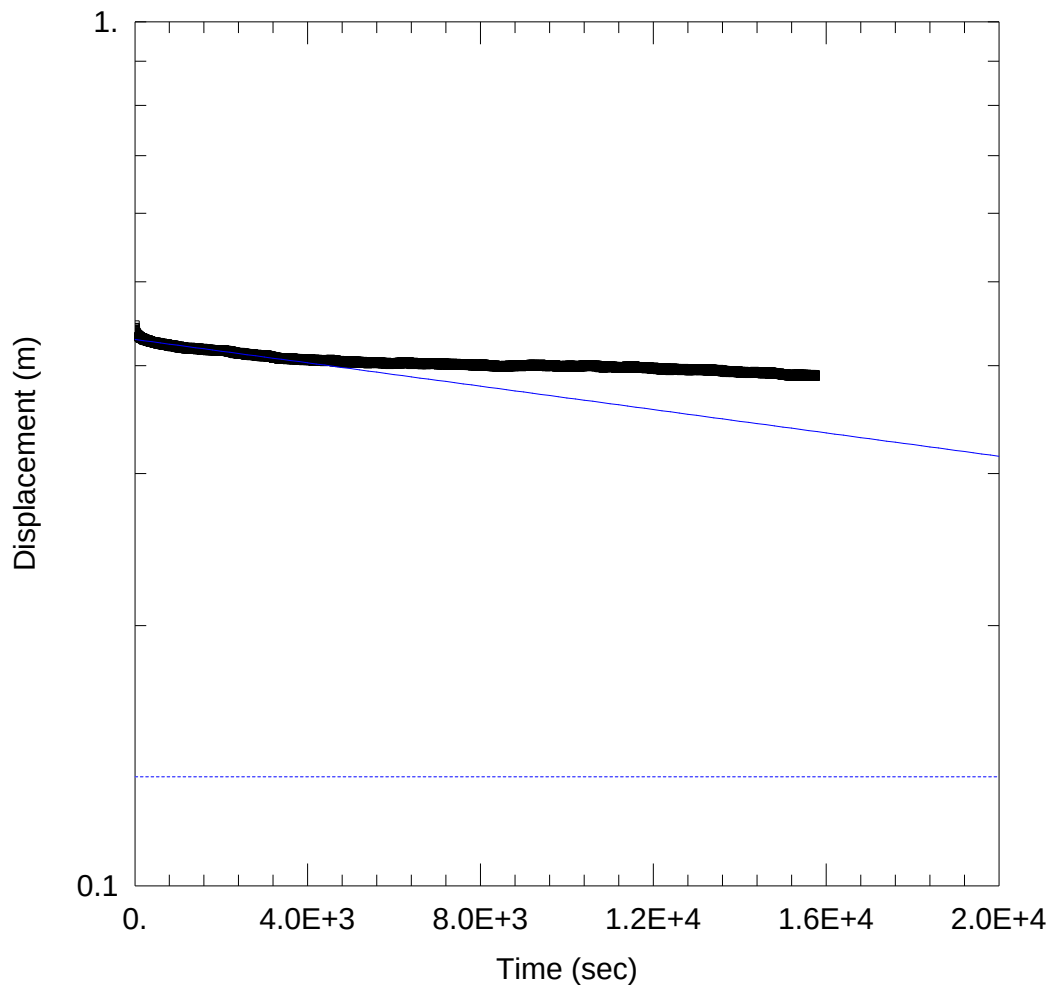
SOLUTION

Aquifer Model: Unconfined

Solution Method: Bouwer-Rice

$K = 6.621E-9$ m/sec

$y_0 = 0.4329$ m



BH2B_1135_RH

Data Set: C:\...\BH2B_1135_RH.agt

Date: 01/22/26

Time: 11:54:45

PROJECT INFORMATION

Company: Aurecon-WSP JV

Client: NZTA

Project: 1-C2466.16

Location: Section 2B

Test Date: 15/10/25

AQUIFER DATA

Saturated Thickness: 7.2 m

Anisotropy Ratio (K_z/K_r): 1.

WELL DATA (BH2B_1135)

Initial Displacement: 0.4456 m

Static Water Column Height: 7.29 m

Total Well Penetration Depth: 7.29 m

Screen Length: 3. m

Casing Radius: 0.025 m

Well Radius: 0.048 m

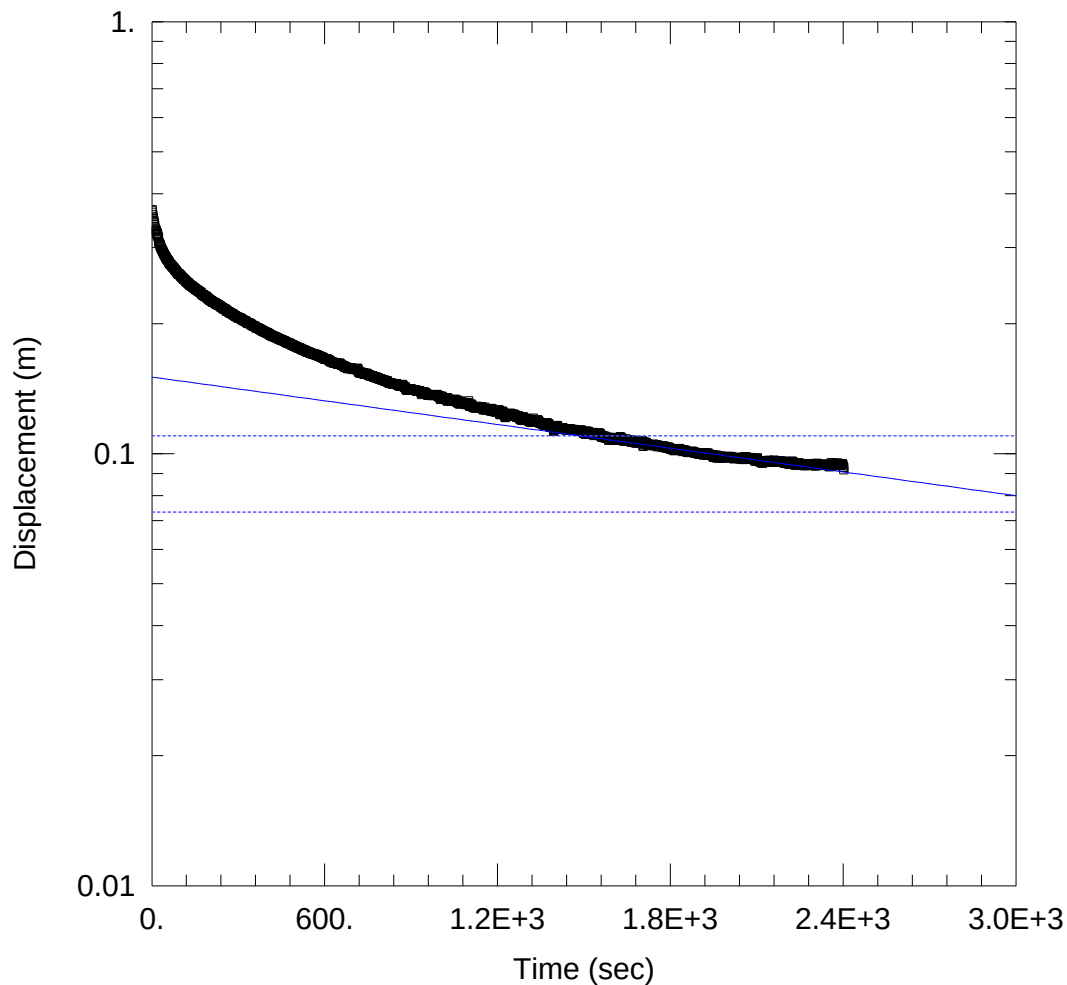
SOLUTION

Aquifer Model: Unconfined

Solution Method: Bouwer-Rice

$K = 6.043E-9$ m/sec

$y_0 = 0.4288$ m



BH2B_1139_FH

Data Set: C:\...\BH2B_1139_FH.aqt

Date: 01/22/26

Time: 11:57:25

PROJECT INFORMATION

Company: Aurecon-WSP JV

Client: NZTA

Project: 1-C2466.16

Location: Section 2B

Test Date: 14/10/25

AQUIFER DATA

Saturated Thickness: 15.5 m

Anisotropy Ratio (Kz/Kr): 1.

WELL DATA (BH2B_1139)

Initial Displacement: 0.3668 m

Static Water Column Height: 9.27 m

Total Well Penetration Depth: 9.27 m

Screen Length: 6. m

Casing Radius: 0.025 m

Well Radius: 0.048 m

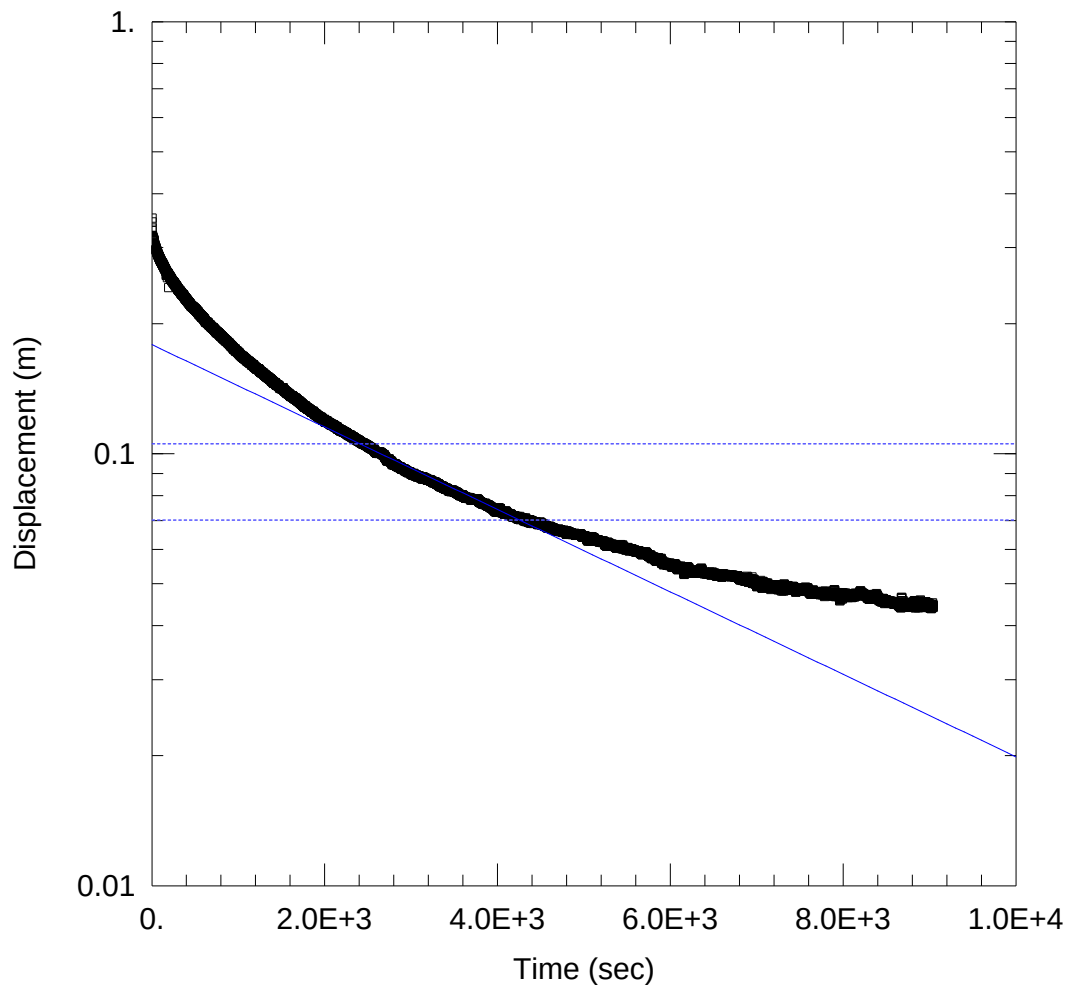
SOLUTION

Aquifer Model: Unconfined

Solution Method: Bouwer-Rice

K = 3.907E-8 m/sec

y0 = 0.1505 m



BH2B_1139_RH

Data Set: C:\...\BH2B_1139_RH.agt

Date: 01/22/26

Time: 11:58:28

PROJECT INFORMATION

Company: Aurecon-WSP JV

Client: NZTA

Project: 1-C2466.16

Location: Section 2B

Test Date: 15/10/25

AQUIFER DATA

Saturated Thickness: 15.5 m

Anisotropy Ratio (K_z/K_r): 1.

WELL DATA (BH2B_1139)

Initial Displacement: 0.3512 m

Static Water Column Height: 9.5 m

Total Well Penetration Depth: 9.5 m

Screen Length: 6. m

Casing Radius: 0.025 m

Well Radius: 0.048 m

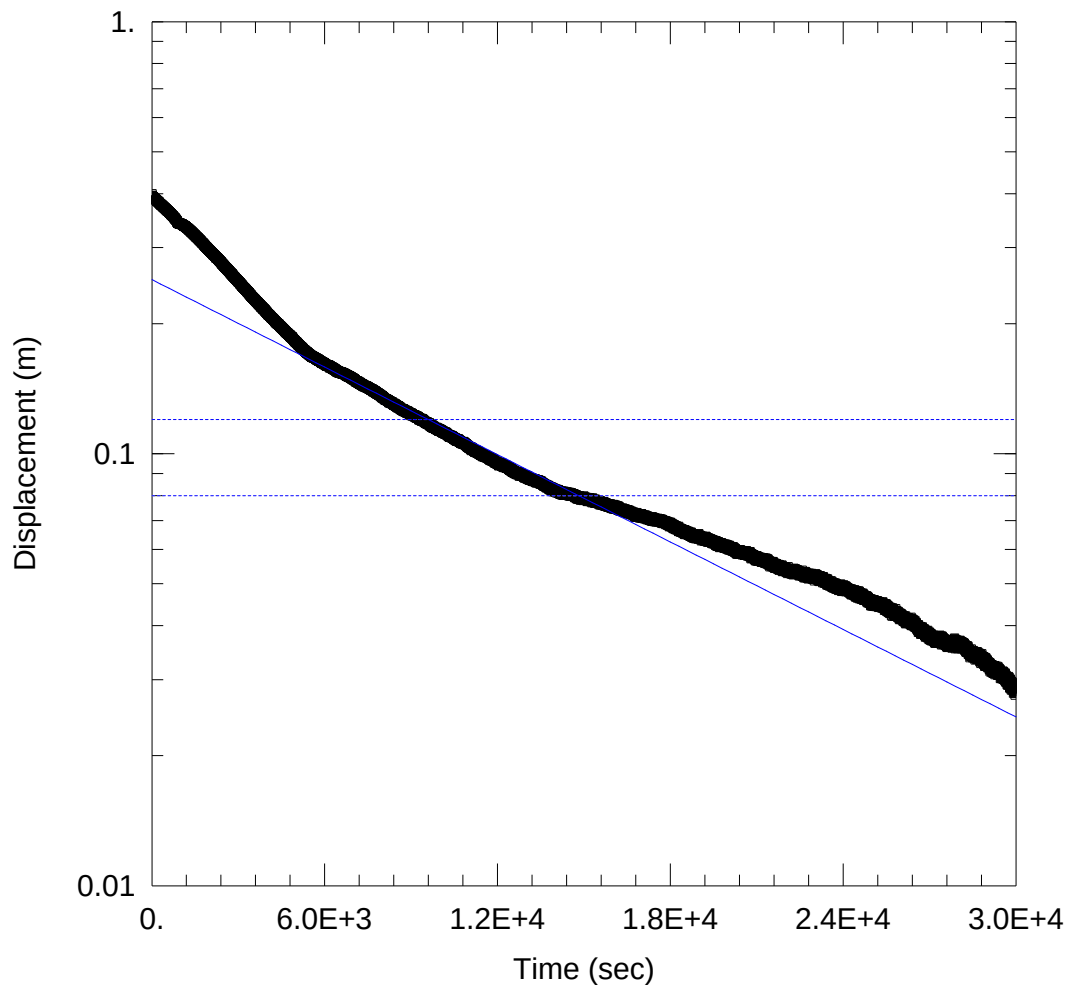
SOLUTION

Aquifer Model: Unconfined

Solution Method: Bouwer-Rice

$K = 4.092E-8$ m/sec

$y_0 = 0.179$ m



BH2B_1143_FH

Data Set: U:\...\BH2B_1143_FH.aqt

Date: 04/15/26

Time: 09:16:23

PROJECT INFORMATION

Company: Aurecon-WSP JV

Client: NZTA

Project: 1-C2466.16

Location: Section 2B

Test Date: 24/11/2025

AQUIFER DATA

Saturated Thickness: 4.5 m

Anisotropy Ratio (K_z/K_r): 1.

WELL DATA (BH2B_1143)

Initial Displacement: 0.4 m

Static Water Column Height: 3.88 m

Total Well Penetration Depth: 3.88 m

Screen Length: 2. m

Casing Radius: 0.025 m

Well Radius: 0.048 m

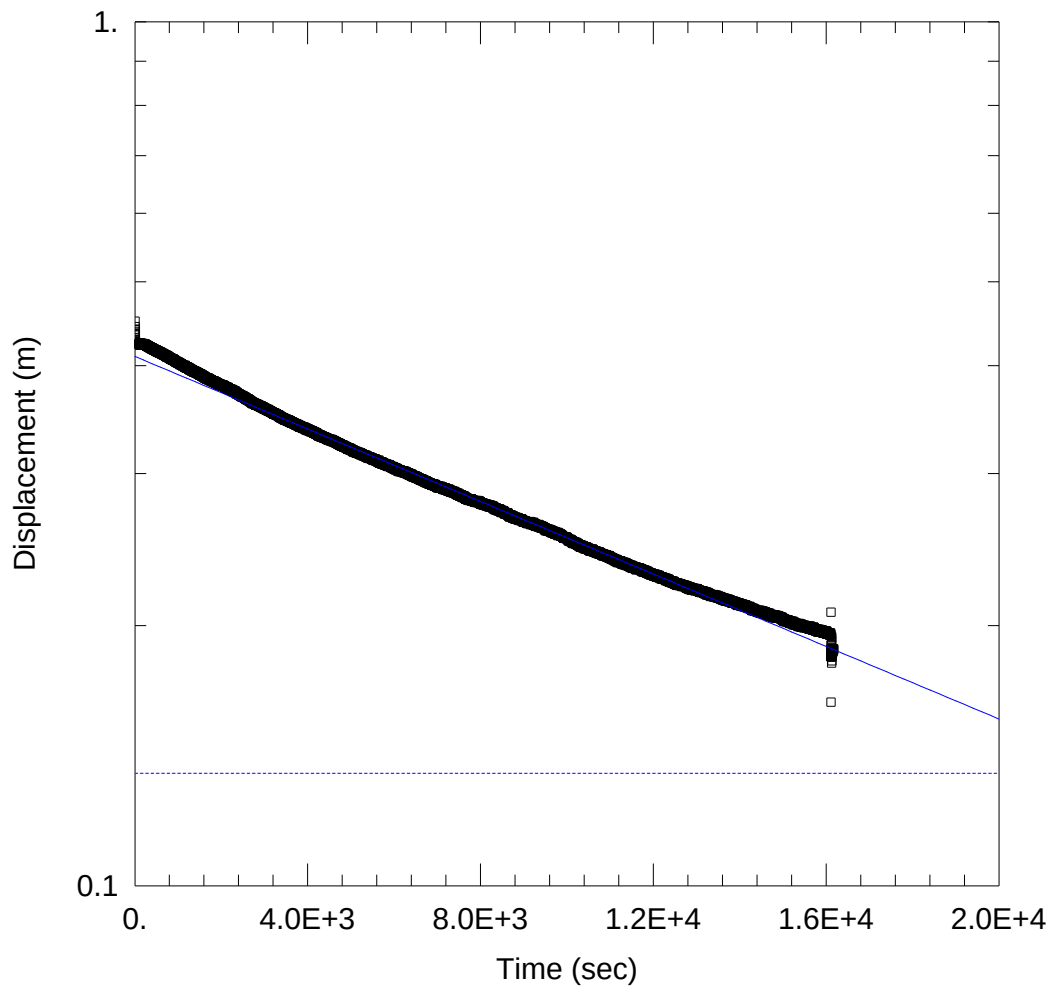
SOLUTION

Aquifer Model: Unconfined

Solution Method: Bouwer-Rice

$K = 3.51E-8$ m/sec

$y_0 = 0.253$ m



BH2B_1143_RH

Data Set: U:\...\BH2B_1143_RH.aqt

Date: 04/15/26

Time: 09:14:45

PROJECT INFORMATION

Company: Aurecon-WSP JV

Client: NZTA

Project: 1-C2466.16

Location: Section 2B

Test Date: 25/11/2025

AQUIFER DATA

Saturated Thickness: 4.5 m

Anisotropy Ratio (K_z/K_r): 1.

WELL DATA (BH2B_1143)

Initial Displacement: 0.45 m

Static Water Column Height: 3.85 m

Total Well Penetration Depth: 3.85 m

Screen Length: 2. m

Casing Radius: 0.025 m

Well Radius: 0.048 m

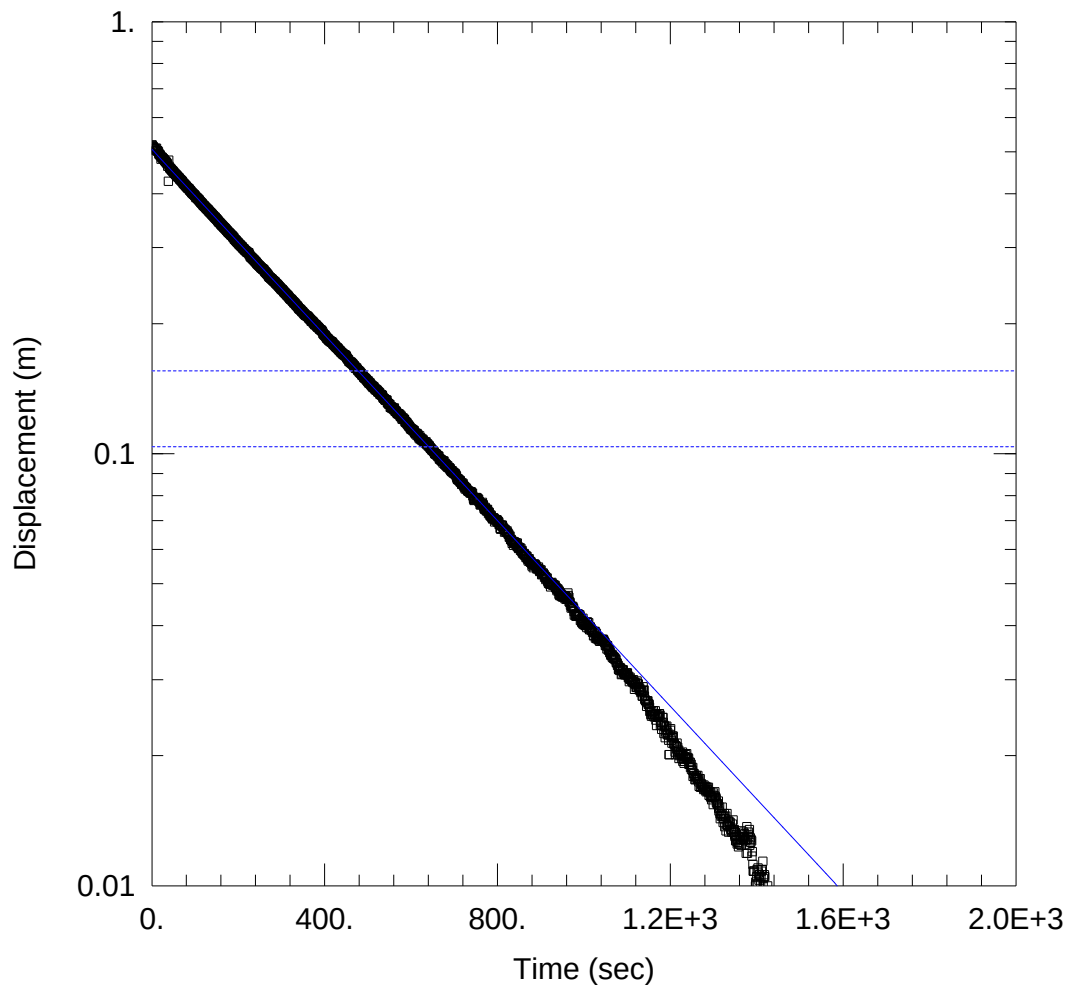
SOLUTION

Aquifer Model: Unconfined

Solution Method: Bouwer-Rice

$K = 2.176E-8$ m/sec

$y_0 = 0.4098$ m



BH2B_1147_FH

Data Set: C:\...\BH2B_1147_FH.aqt

Date: 01/22/26

Time: 11:59:52

PROJECT INFORMATION

Company: Aurecon-WSP JV

Client: NZTA

Project: 1-C2466.16

Location: Section 2B

Test Date: 14/10/25

AQUIFER DATA

Saturated Thickness: 100. m

Anisotropy Ratio (K_z/K_r): 0.1

WELL DATA (BH2B_1147)

Initial Displacement: 0.5189 m

Total Well Penetration Depth: 5.5 m

Casing Radius: 0.025 m

Static Water Column Height: 5.57 m

Screen Length: 3. m

Well Radius: 0.048 m

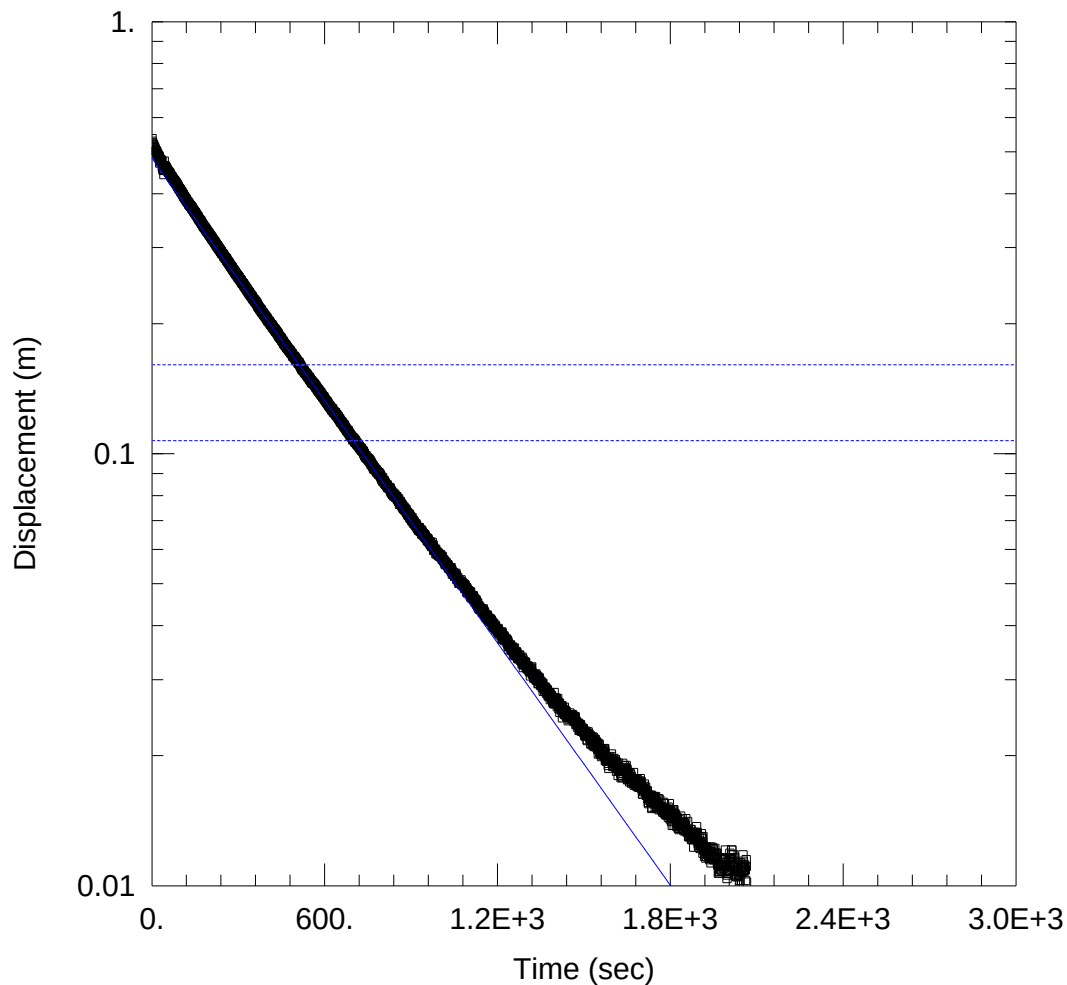
SOLUTION

Aquifer Model: Confined

$K = 1.022\text{E-}6$ m/sec

Solution Method: Bouwer-Rice

$y_0 = 0.507$ m



BH2B_1147_RH

Data Set: C:\...\BH2B_1147_RH.agt

Date: 01/22/26

Time: 12:00:52

PROJECT INFORMATION

Company: Aurecon-WSP JV

Client: NZTA

Project: 1-C2466.16

Location: Section 2B

Test Date: 15/10/25

AQUIFER DATA

Saturated Thickness: 100. m

Anisotropy Ratio (K_z/K_r): 0.1

WELL DATA (BH2B_1147)

Initial Displacement: 0.5359 m

Static Water Column Height: 5.56 m

Total Well Penetration Depth: 5.5 m

Screen Length: 3. m

Casing Radius: 0.025 m

Well Radius: 0.048 m

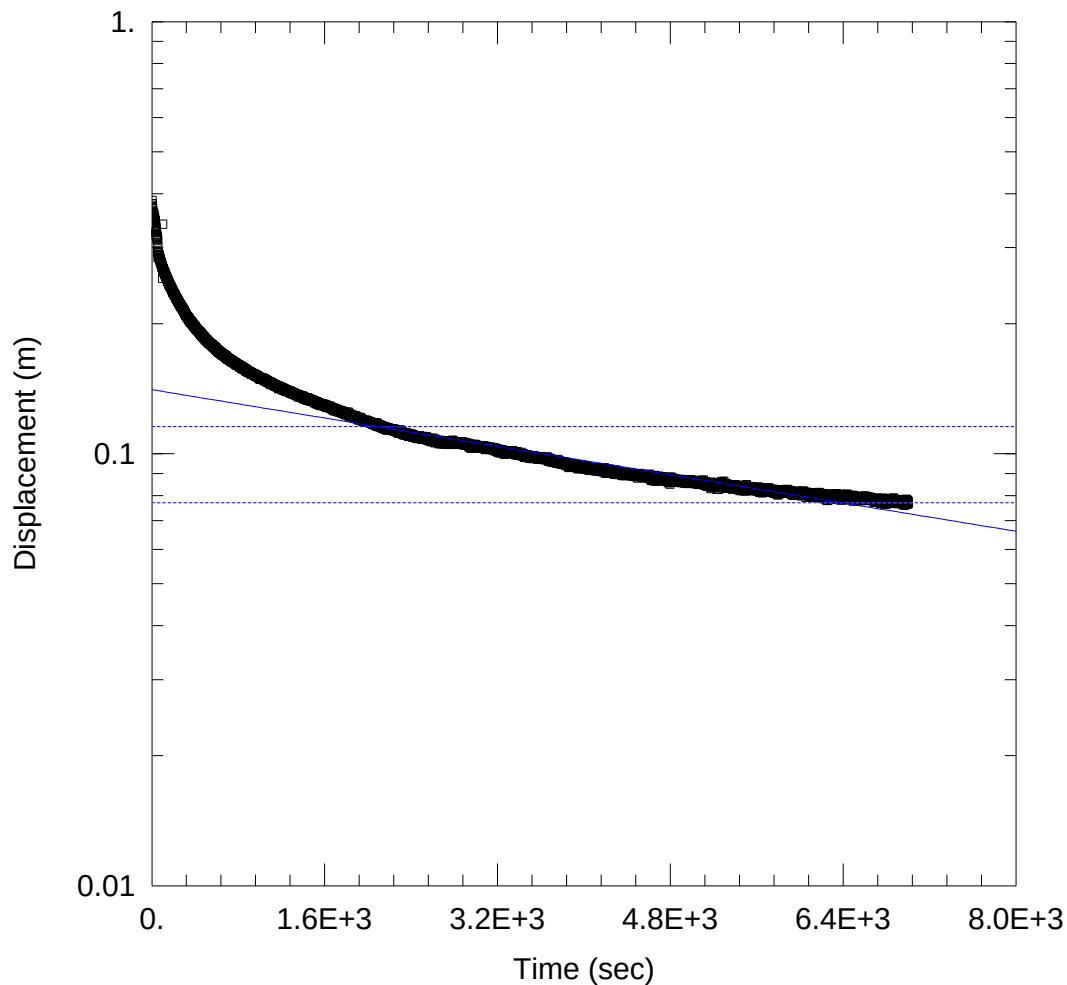
SOLUTION

Aquifer Model: Confined

Solution Method: Bouwer-Rice

$K = 8.891E-7$ m/sec

$y_0 = 0.4831$ m



BH2B_1149_FH

Data Set: C:\...\BH2B_1149_FH.aqt

Date: 01/22/26

Time: 12:02:01

PROJECT INFORMATION

Company: Aurecon-WSP JV

Client: NZTA

Project: 1-C2466.16

Location: Section 2B

Test Date: 14/10/25

AQUIFER DATA

Saturated Thickness: 100. m

Anisotropy Ratio (K_z/K_r): 0.1

WELL DATA (BH2B_1149)

Initial Displacement: 0.3854 m

Static Water Column Height: 6.31 m

Total Well Penetration Depth: 7. m

Screen Length: 3. m

Casing Radius: 0.025 m

Well Radius: 0.048 m

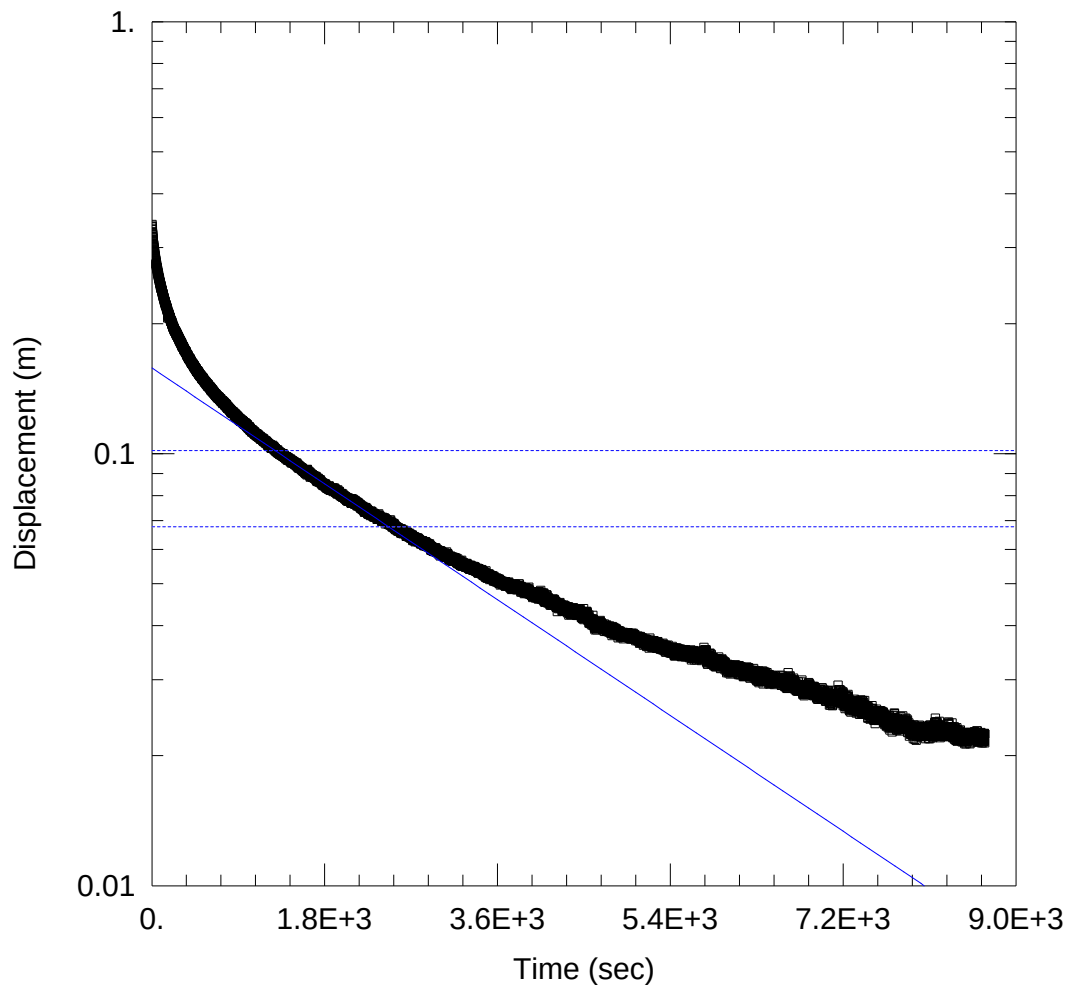
SOLUTION

Aquifer Model: Confined

Solution Method: Bouwer-Rice

$K = 4.013E-8$ m/sec

$y_0 = 0.1407$ m



BH2B_1149_RH

Data Set: C:\...\BH2B_1149_RH.agt

Date: 01/22/26

Time: 12:02:59

PROJECT INFORMATION

Company: Aurecon-WSP JV

Client: NZTA

Project: 1-C2466.16

Location: Section 2B

Test Date: 15/10/25

AQUIFER DATA

Saturated Thickness: 100. m

Anisotropy Ratio (K_z/K_r): 0.1

WELL DATA (BH2B_1149)

Initial Displacement: 0.339 m

Static Water Column Height: 7.06 m

Total Well Penetration Depth: 7. m

Screen Length: 3. m

Casing Radius: 0.025 m

Well Radius: 0.048 m

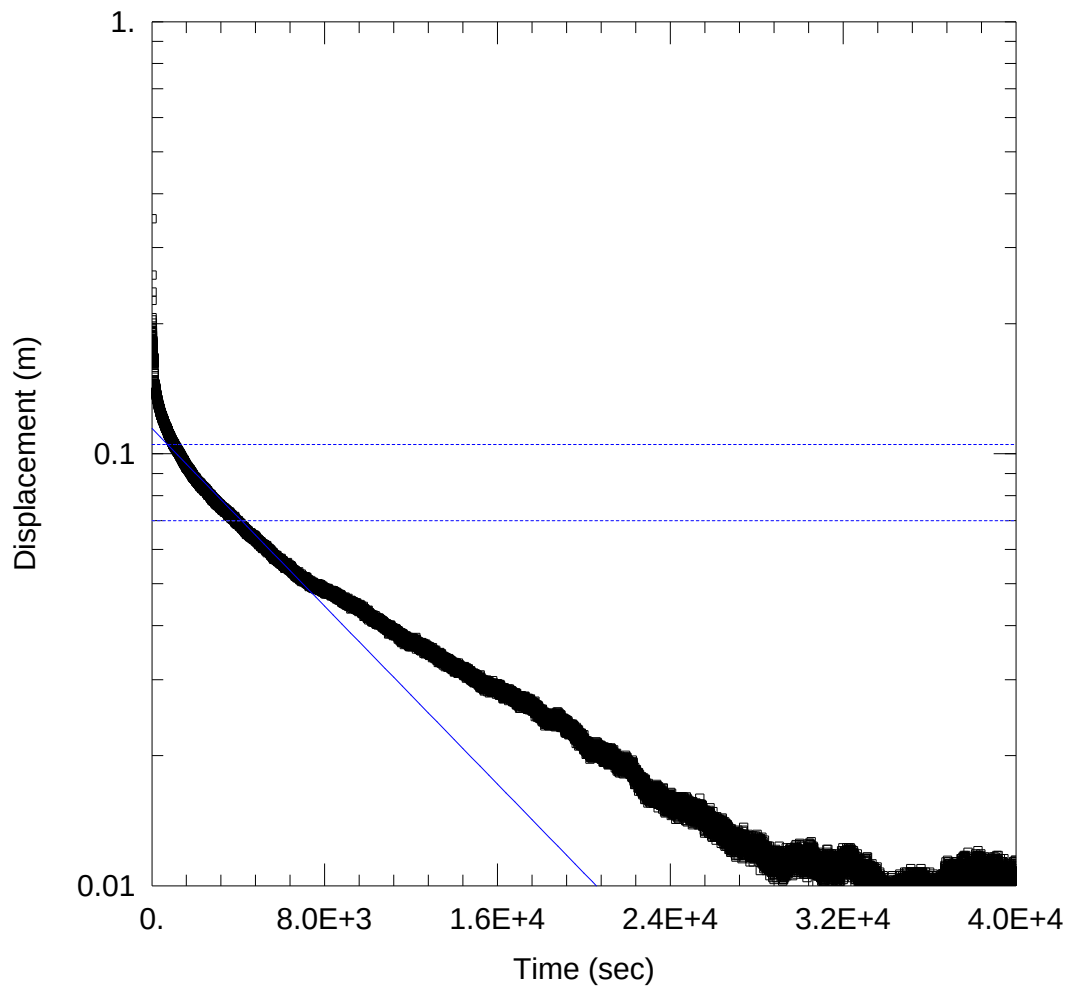
SOLUTION

Aquifer Model: Confined

Solution Method: Bouwer-Rice

$K = 1.459\text{E-}7$ m/sec

$y_0 = 0.158$ m



BH2B_1160_FH

Data Set: U:\...\BH2B_1160_FH.aqt

Date: 04/15/26

Time: 09:17:53

PROJECT INFORMATION

Company: Aurecon-WSP JV

Client: NZTA

Project: 1-C2466.16

Location: Section 2B

Test Date: 24/11/2025

AQUIFER DATA

Saturated Thickness: 100. m

Anisotropy Ratio (K_z/K_r): 0.1

WELL DATA (BH2B_1160)

Initial Displacement: 0.35 m

Static Water Column Height: 9.85 m

Total Well Penetration Depth: 5. m

Screen Length: 3. m

Casing Radius: 0.025 m

Well Radius: 0.048 m

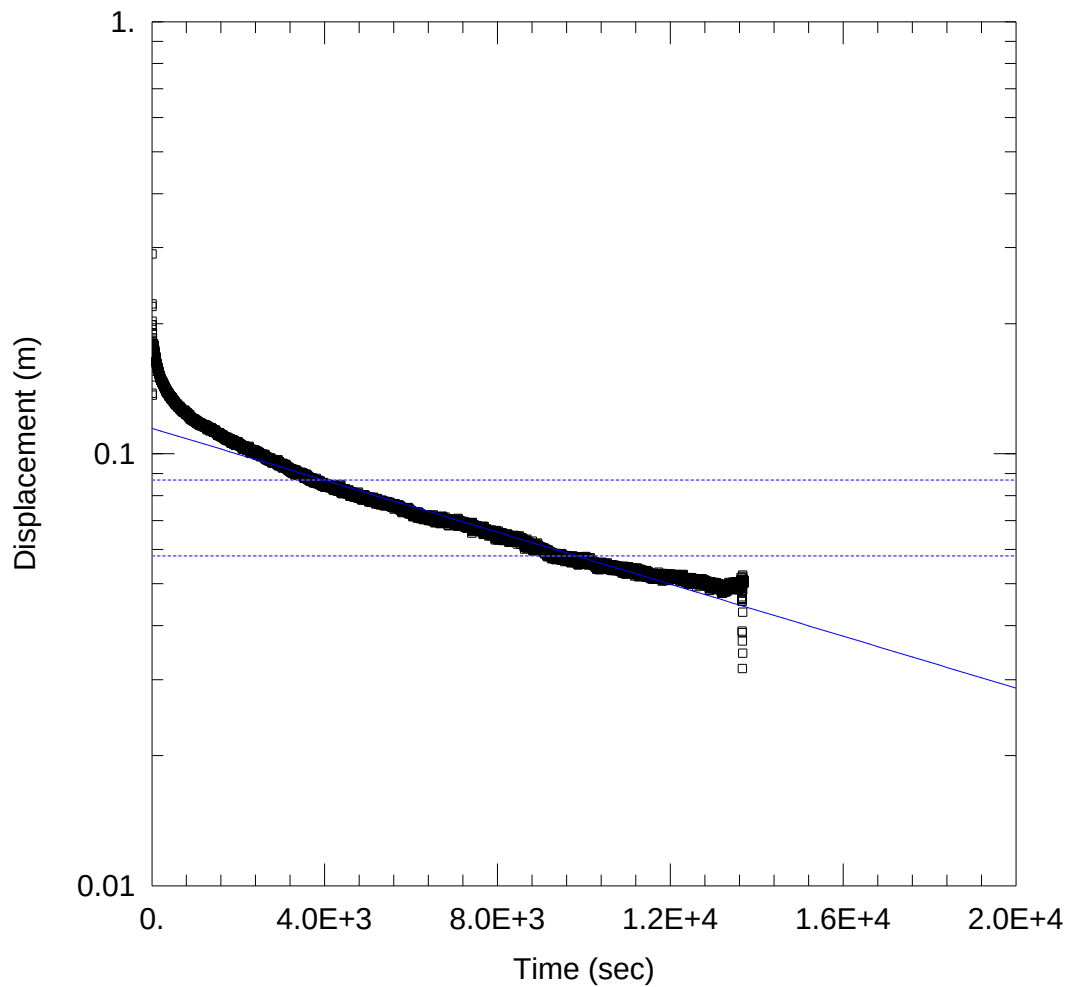
SOLUTION

Aquifer Model: Confined

Solution Method: Bouwer-Rice

$K = 4.836E-8$ m/sec

$y_0 = 0.1145$ m



BH2B_1160_RH

Data Set: U:\...\BH2B_1160_RH.aqt

Date: 04/15/26

Time: 09:19:29

PROJECT INFORMATION

Company: Aurecon-WSP JV

Client: NZTA

Project: 1-C2466.16

Location: Section 2B

Test Date: 25/11/2025

AQUIFER DATA

Saturated Thickness: 100. m

Anisotropy Ratio (Kz/Kr): 0.1

WELL DATA (BH2B_1160)

Initial Displacement: 0.29 m

Static Water Column Height: 9.86 m

Total Well Penetration Depth: 5. m

Screen Length: 3. m

Casing Radius: 0.025 m

Well Radius: 0.048 m

SOLUTION

Aquifer Model: Confined

Solution Method: Bouwer-Rice

K = 2.827E-8 m/sec

y0 = 0.1145 m