



RA1-SHALLOW, SLUG TEST 1

Data Set: K:\...\RA1\_shallow\_test1.aqt

Date: 05/20/15

Time: 16:17:50

PROJECT INFORMATION

Location: LKB

Test Date: 3/31/2005

AQUIFER DATA

Saturated Thickness: 225. ft

Anisotropy Ratio ( $K_z/K_r$ ): 0.1

WELL DATA (RA1-Shallow)

Initial Displacement: 8.496 ft

Total Well Penetration Depth: 89. ft

Casing Radius: 0.17 ft

Static Water Column Height: 89. ft

Screen Length: 35. ft

Well Radius: 0.42 ft

Gravel Pack Porosity: 0.2

SOLUTION

Aquifer Model: Unconfined

$K = 4.574$  ft/day

Solution Method: Bouwer-Rice

$y_0 = 7.975$  ft