



A1-A, SLUG TEST 2

Data Set: K:\...\A1A\_test2.aqt  
 Date: 05/20/15

Time: 16:05:32

PROJECT INFORMATION

Location: LKB  
 Test Date: 3/10/2005

AQUIFER DATA

Saturated Thickness: 165. ft

Anisotropy Ratio ( $K_z/K_r$ ): 0.1

WELL DATA (A1-A)

Initial Displacement: 12.15 ft  
 Total Well Penetration Depth: 10. ft  
 Casing Radius: 0.17 ft

Static Water Column Height: 10. ft  
 Screen Length: 5. ft  
 Well Radius: 0.42 ft  
 Gravel Pack Porosity: 0.2

SOLUTION

Aquifer Model: Unconfined  
 $K = 33.61$  ft/day

Solution Method: Bouwer-Rice  
 $y_0 = 13.84$  ft