Name: _____ Date: _____ Period: _____

GROUNDWATER FOUNDATION
Provide | Educate | Sustain

AQUIFER LAB TEST TEMPLATE / EXAMPLE

1. Define the following terms in one or two complete sentences. (5 points)

Water Table

_____

_____

Aquitard

_____

_____

Saturated Zone

_____

_____

Cone of Depression

_____

_____

Overwithdrawal

_____

_____

2. Groundwater accounts for what fraction of all freshwater on Earth? (1 point) _____

3. Draw examples of rock formations in the boxes below that are: (1 points)

Permeable

Impermeable

4.Of the options below, which is likely to have the highest hydraulic conductivity? (0.5 points)

A. Clay

B. Silt

C. Sand

D. Gravel

5. True / False: All materials that have high porosity also have high permeability. (0.5 points)

A. True

B. False

6. Label the variables in the Darcy's Law equation below: (2 points)

$$V = \frac{K * i}{n}$$

7. List four common sources of groundwater contamination. (2 points)