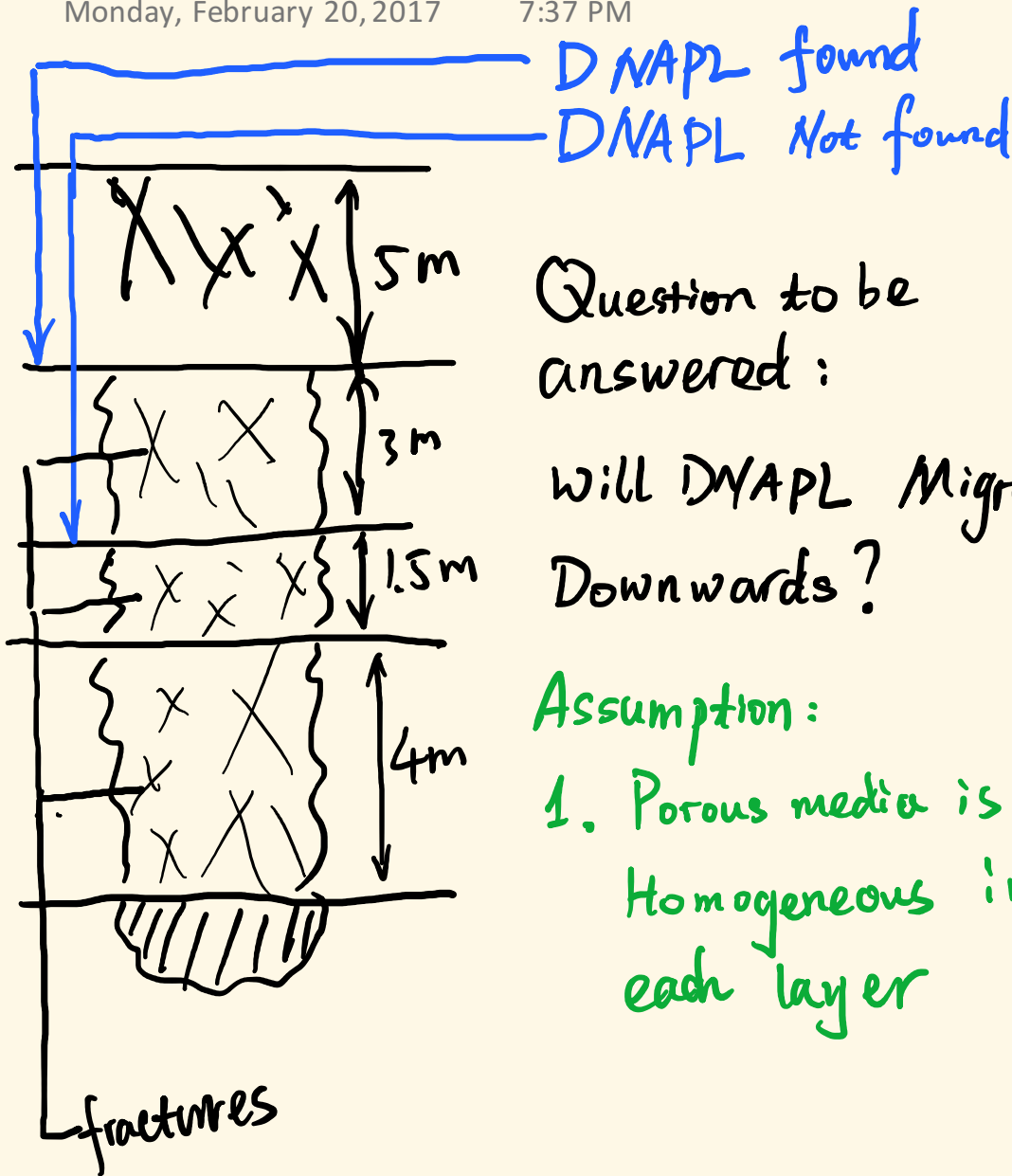


Guide for HW 6

Monday, February 20, 2017

7:37 PM



Question to be answered:

Will DNAPL Migrate Downwards?

Assumption:

1. Porous media is Homogeneous in each layer

Approach: Estimate minimum penetration height (h_{min}) of NAPL for each layer.

$$h_{min} \leftarrow h_c \leftarrow b \leftarrow K$$

\uparrow hydraulic conductivity
 \downarrow fracture aperture

Write down your conclusion

Whether the "free" product will
migrate downwards