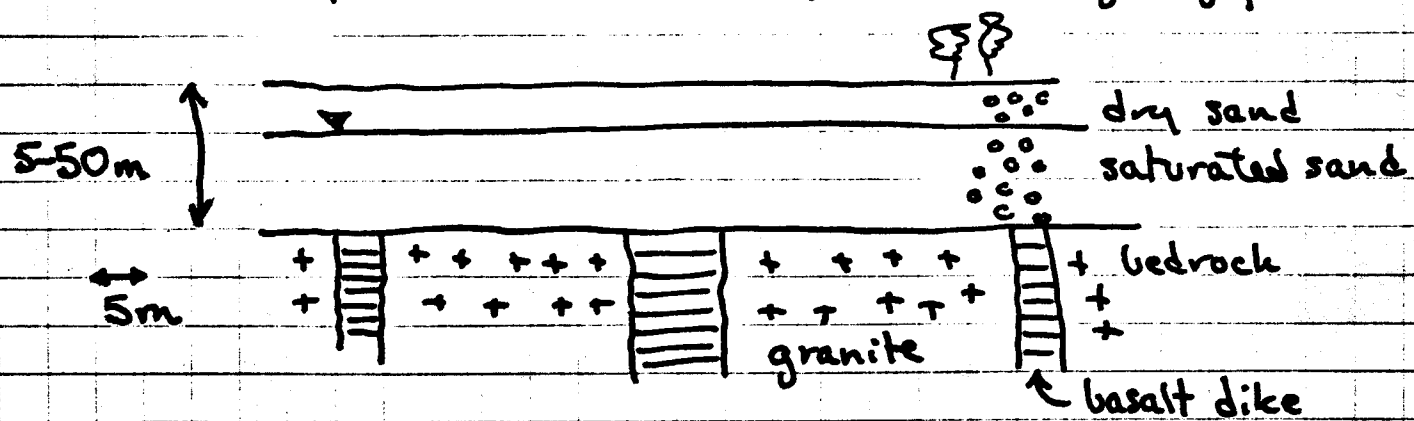


CF

1. Explain the term "magnetization". In what units is it expressed or measured? Use an analogy to clarify the definition.
2. Describe how the intensity and inclination of the magnetic field ($=$ induction $= \vec{B}$) of the earth vary with latitude.
3. What is the "diurnal variation" of the earth's field? Explain some procedures used to correct survey data for this effect.
4. Compare and contrast seismic refraction and magnetic surveying as means of determining water table depth and bedrock depth for the geology shown.

$$K = \frac{M/\mu_0}{B/\mu_0}$$



5. Compare and contrast resistivity methods and magnetic surveys as means of locating bedrock fractures ("shear zones") for the geology shown.

