

Final Laboratory Exam Review

ESC 115 Physical Geology

Labs 7–12

1. Be able to convert between common units, including lengths, areas and volumes.
2. Be able to identify p and s waves from a seismogram reading and interpret them.
3. Be able to use p and s wave traveltimes to determine the location of an earthquake epicenter.
4. Distinguish between density and isostasy and calculate density from mass and volume.
5. Be able to identify major glacial features in Iowa.
6. Be able to identify major drainage patterns.
7. Be able to calculate a stream discharge.
8. Be able to use Darcy's law and a water-table map to indicate groundwater direction and velocity.