

Bago University
Department of Geology
Second Semester Examination, September 2019

Fourth Year
(Geology Specialization)

Geol. 4110
Exploration Geology
Time Allowed: (3) Hours

Answer any Five questions with appropriate sketches wherever necessary.

1. List down the guides of geological prospection and exploration, and explain the guides show to regional and structural exploration.
 2. How would you classify electromagnetic (EM) survey and electrical survey?
 3. Which statements are support to understand the geochemical prospecting and exploration?
 4. Answer the following:
 - (a) Structures of ore body
 - (b) Depth of ore body
 5. Can you distinguish between stream sediments sampling and rock chip sampling?
 6. How could you determine the geophysical survey according the law of magnetic attraction?
 7. How would you explore the petroleum deposit?
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