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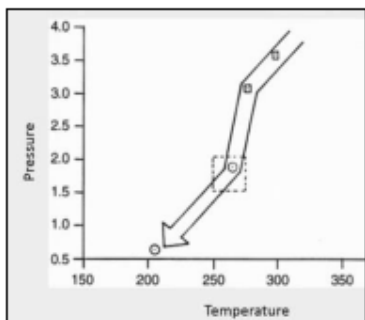
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Courses » Fluid Inclusions in Minerals: Principles, Methodology, Practice and Applications

Announcements **Course** Ask a Question Progress Mentor FAQ

Due on 2018-09-12, 23:59 IST

1. What do you understand by hydrothermal fluid? [2 marks]
2. How sampling was targeted for the discussed fluid inclusion study in the video in case of Malanjkhand Copper deposits of India? [2 marks]
3. What are the different types of fluid inclusions that were found in the above study of Malanjkhand Copper deposits of India? [2 marks]
4. Comment on the thermobarometry calculation which was undertaken in the above study. [2 marks]
5. Comment on the discussed fluid evolution path in the above study. [2 marks]
6. Explain the following P-T path for Kolar Gold Deposit, India as studied by Mishra and Panigrahi, 1999? [2 marks]



7. Match the following fluid characters of fluid inclusion with the probable source: [2 marks]

- A. Low salinity, high temperature
- B. Low salinity, low temperature
- C. Fluid inclusion with low Br/Cl ratio
- D. Fluid inclusion with high Br/Cl ratio

- 1. Meteoric source
- 2. Magmatic source
- 3. Basinal Source
- 4. Metamorphic source

8. Match the following: [2 marks]

- a. Kuroko, Cyprus
- b. Carlin
- c. Olympic dam

- i. VMS/SEDEX
- ii. Iron oxide-Cu-Au
- iii. Stratiform diagenetic Cu

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