

Other Metamorphics

Thin Sections:

S.C. 28 – Greywacke with Laumontite. Laumontite is a mineral indicative of the zeolite facies. Under what P-T conditions would you expect this mineral to appear?

MS-23 – Gedrite-Amphibolite. The rock is composed entirely of Gedrite and hornblende. How can you differentiate the two?

MU 4 – Hb-Gneiss. There are 6 major phases and up to 6 accessory phases. Name all of the major phases.

S.C. 38 – Identify the dominant phases and name the rock. List any accessory phases you find. What facies could the rock have formed in and what are some possible precursors?

MS-16 – Thin section of a rock from the hand sample lab. Identify the phases and try to find the right rock. (hint: It's a blueschist facies rock).

MU-24 – Identify the major phases and name the rock. List the metamorphic facies and possible precursors.

MU-47 - Identify the major phases and name the rock. List the metamorphic facies and possible precursors.