



MGS Happy Hour

Thursday April 17th 5:00PM – 8:00PM

Social Hour 5–6 pm; talk starts at 6:30 pm



LIVE in Billings (new venue)

Poly's Place: 1704 Poly Drive

This event is BYOB; pizza provided

Students: \$10 – MGS Members: \$20 – Non-members: \$30

(cost to cover venue)

Missoula Watch Party (new venue)

Headwaters Foundation: 119 West Main St.

Confluence Room; pizza provided

Donations welcome!

SPEAKER: Dr. Adrian Van Rythoven

Adrian is an economic geologist with the Montana Bureau of Mines & Geology. His current work involves researching Montana's mineral deposits with a specific target for critical minerals. These are minerals, particularly ores for metals, that are necessary for us to enjoy a high-tech way of life. His previous research has involved rare earth element deposits and the mineralogy of diamond. He has worked as both a university professor and as a mineral industry geologist.



Two newly identified carbonatite-hosted REE prospects in Montana

Critical minerals are mineral commodities that are the focus of both government policy and industry investment. A subset of these critical minerals: the rare earth elements, are most commonly exploited from carbonatite intrusions. Two previously unrecognized carbonatite REE prospects in Montana improve the definition of alkalic magmatism belts in the State.