

CSUR's 2019 Field Trip – Moose Mountain Oil & Gas Field

Led by Dr. Barry Richards (Geological Survey of Canada, Calgary), about 20 attendees and CSUR staff embarked on a hands-on excursion into the foothills of the Rocky Mountains west of Calgary. During a mostly sunny & warm day, the group had the opportunity to view exposures along the Canyon Creek forestry road and adjacent creeks. The focus of the trip was to look at the Mississippian & Jurassic conventional and unconventional stratigraphic systems and the most prolific layers within them in the area. Dr. Richards highlighted some of the unique features within the outcrops, including unconformities and belemnites. The participants also had the opportunity to explore for fossils as the group navigated along the creeks and deep river beds. As the group surveyed the exposure, Dr. Richards correlated the formations to analogs (i.e. Bakken) and to the region's historical production of mainly gas & more recently oil from pools discovered in the early to mid-90's. Overall, the group enjoyed hearing from a very knowledgeable geologist, while being out in nature on a beautiful day!

Al Kassam

