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PhD

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Image created in the lab,
down a microscope at the
University of Alberta

Images of Research Competition
University of Alberta

From the depth comes clarity

Semi-finalist (2019)

For many, a diamond is a symbol of love and commitment. For me it's no different, except the love is for science and the commitment is to my PhD. The brilliance of a diamond evokes a sense of clarity and admiration, for these invaluable pieces of carbon, although small, can give us vast amounts of information about the solid Earth. This diamond has a story of ancient sediment deposit returned via subduction into the mantle and reused to create an eclogitic diamond. The micron-sized sulphide inclusion has been safely encapsulated for a very long time. But how long? I don't quite know, millions or billions of years perhaps. You will have to wait until I break it out.