



Ph.D. student James Jones in action



Boreal Agrominerals Inc. ("Boreal") is a private company that explores for, tests, develops and produces organic approved agromineral fertilizers and soil amendment products. We target the purest and most reactive minerals that are approved by North American and global certifying agencies, and that are superior for organic as well as conventional farming enterprises.

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SPANISH RIVER CARBONATITE (SRC)

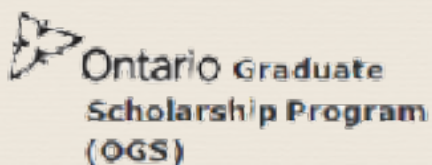


SRC is a volcanic carbonatite rock found in the Sudbury region in Northern Ontario, Canada.

SRC was formed when magma intruded into the overlying bedrock of the area over 2.8 billion years ago.



RESEARCH SUPPORTED BY:



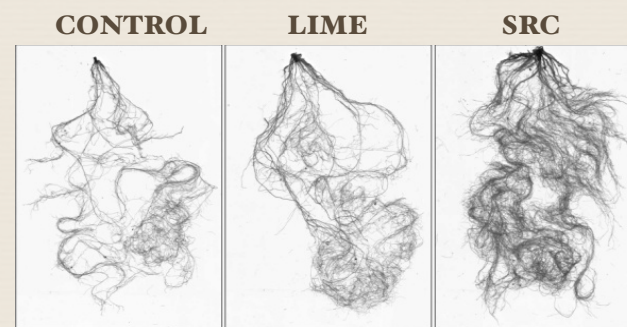
Note: the results presented here are preliminary and have not yet undergone peer-review. Please stay tuned!

If you have any questions about the research, please send an email to jone3630@mylaurier.ca

DOES SRC BENEFIT PLANTS/SOILS?

In an experiment with wheat:

- Shoot dry mass increased 4x with SRC
- Root dry mass increased 3.5x with SRC
- pH increase was similar with calcitic lime or SRC



56-day old root systems

In an experiment with pea:

- SRC supported plant growth 100% (with added nitrogen)
- The number of soil microbes increased 4x with SRC
- SRC nearly doubled the number of nitrogen fixing nodules

