

# Fathom Exploration

Since 2015 Fathom has focused its exploration efforts in a better understanding of the geological, geochemical and geophysical setting of the Rottenstone deposit. Fathom has doubled the original mineral tenure of 10,818ha; at time of acquisition, to 22,313ha and is focusing all forward exploration on the regional geological, geochemical and geophysical setting of the Rottenstone property area.

The historic data base contains compelling evidence that other Rottenstone-type deposits can occur and should occur in the vicinity of the Rottenstone deposit area; however, there is a bigger prize. The historic Rottenstone Mine / deposit is a function of a significant Magmatic event; that is, the contained Ni-Cu-Co+PGE metal in the ultramafic intrusive; host to the Rottenstone mineralization, resulted from, is a satellite of, a much larger Ni-Cu-Co+PGE enriched ultramafic body occurring on the Rottenstone property.

Thus far Fathom has accomplished:

1. A thorough compilation of all historical geological, geochemical and geophysical data. Analysis of over 1000 historic drill core samples; re-logging, re-interpretation of historic drill cores that has identified previously misinterpreted mafic and ultramafic rocks.
2. A clearer understanding; by drilling in immediate vicinity of the Rottenstone mine, of the geological, geochemical setting of the Rottenstone deposit.
3. A preliminary metallurgical, recovery test of 23.75kg of Rottenstone matrix-type ore.
4. Re-interpretation of historic borehole EM (BHEM) surveys, and in addition the surveying, re-surveying with modern borehole equipment of select historic drillholes drilled 1999 – 2008.
5. 3D modelling of VTEM conductors occurring within a section of the VTEM survey that was subject to a B-horizon geochemical survey performed by Fathom in 2018.
6. Testing of off-hole BHEM conductors as well as select VTEM conductors by drilling.

To date Fathom has physically explored <10% of our current land holdings.



