

runs under the Sobeys's parking lot, between Fenwick Street and the intersection of Victoria Road and Kent Street, and that the andalusite-in isograd can be traced as far as the west end of Fenwick St., where it runs beneath the author's home. The position of the cordierite-in isograd is more difficult to determine, as retrogressed cordierite in the outer part of the contact aureole can be difficult to recognise. The lithology and isograd map for South End Halifax has been updated based on these results. Some less welcome outcomes of the project will also be discussed.

**The Big Dig: lithologies, isograds, and
other “outcomes” of the Freshwater
Brook Sewer Replacement Project**

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In the summer of 2008, the City of Halifax undertook a major construction project to replace the underground sewer system that carries Freshwater Brook from the Halifax Commons to its outlet near the grain elevator. The project was necessary because the existing system was antiquated and the route ran under city blocks and was therefore inaccessible in many places should repair have become necessary. The project involved installing 2 new sets of modern sewer pipes along a new route running from Holy Cross Cemetery, along South Park St to Fenwick St, along Fenwick St to Sobeys, across the Sobeys parking lot, and down Victoria Rd to Inglis St. The route crosses the predicted locations of the lithological boundary between the Cunard and Bluestone formations of the Halifax Group, as well as the cordierite-in and andalusite-in isograds of the contact aureole of the South Mountain Batholith. For most of its length, bedrock was exposed in the lower part of the excavated trench, which was more than 10 m deep in some places. Observations and samples taken along the length of the trench in 2008 and 2009 reveal that the Cunard-Bluestone contact