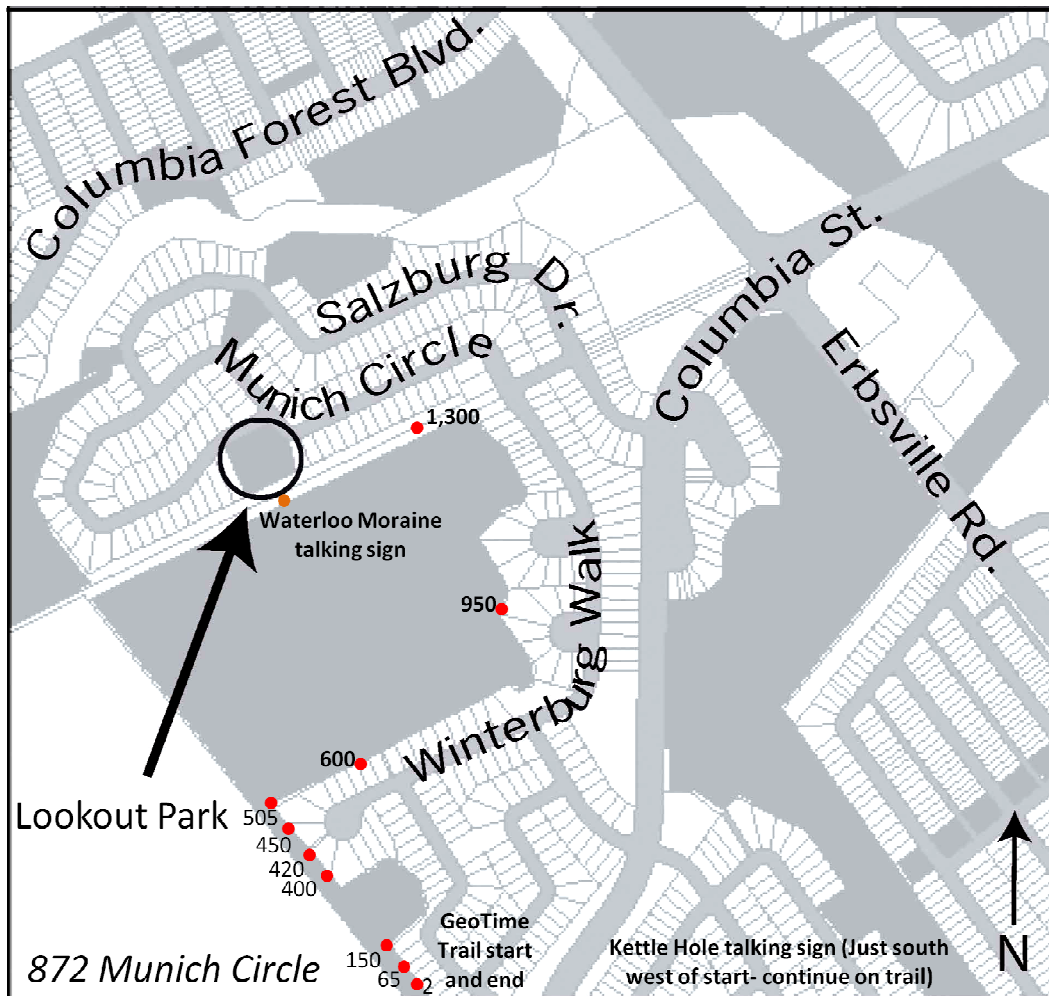




Waterloo GeoTime Trail



Note: The numbers on the map go up at a constant rate and are used to show time. Even just one millimetre represents 1,000 years!

Location: 872 Munich Circle, off of Columbia St W, west of Erbsville Rd and then right onto Salzburg Dr, left on Munich Crossing and then right on Munich Circle.

Parking is available on Munch Circle near Lookout Park

Length: The current length of the trail is 1.3km (2.6km round trip) and should take about 1 hour to complete. The future length of the trail will be 4.5km which will be completed when building development on the western side of the trail is completed.

Please see more about the trail on the following website:

<http://www.city.waterloo.on.ca/desktopdefault.aspx?tabid=2106>

About: What is time? Come and take a walk on Waterloo's GeoTime Trail and find out! Each metre of the trail marks one million years of geological history. Even just one millimetre represents 1,000 years. This trail is a learning tool for students of all ages and provides a meaningful insight into exactly what time is. For example, all of human history in terms of agriculture and urban settlement takes place in the last 10 cm of a trail that will be 4.5km long at completion!

No matter what time of the year, the trail is absolutely gorgeous to walk along. Information signs posted at significant points along the path provide fascinating details about how different forms of life have evolved over time and provide information on how the Earth's surface has changed immensely since its formation. Find out what's under your feet and get a better idea of geological time! The Waterloo GeoTime Trail is the first of its kind in Canada, so don't miss out on this amazing opportunity!



The mastermind behind the creation of this trail is Professor Alan Morgan, a recently retired professor of Earth Sciences at the University of Waterloo. Professor Morgan has been promoting public awareness of science to audiences of all ages for nearly 40 years. More will be added to the trail in the near future, as soon as the development of buildings on the western side of the park is completed. Currently the trail is set up to stretch from modern time to 1.3 billion years ago!

The Talking Signs: The cities of Waterloo and Kitchener are situated on the Waterloo Moraine. This Moraine provided both cities with all of their water up to the late 1980s. The expansion of both cities now borders on impacting the recharge areas of the local aquifers. For this reason, two audio signs were designed to educate the public on the importance of our Moraine. By activating a push-button, a soundtrack (about 90-120 seconds) explains their significance. These two signs are labelled "The Waterloo Moraine" and "Kettle Lakes" on the map and are placed slightly off the pathway so as to not confuse the geological order of the trail. Please take advantage of the opportunity to also visit these signs.

The GeoTime Trail project has been brought to you by the generosity of:

