

TUNNELS

OVERVIEW

GeoTerre and its founding principal, Mr. Corbett, have been involved with major tunnel projects since its inception in 2002, including the following:

- **TORONTO HYDRO, Pirandello Street Rail Crossing, Toronto (2012 - 2018)**
Twin 100 m long, 1.2 m diameter hand mined, steel lined tunnels under the Metrolinx 4 track rail corridor just west of downtown Toronto
- **Hydro One, Midtown Toronto Tunnel Project (2009 - 2015)**
3 m finished internal diameter power transmission tunnel thru shale bedrock at depths up to 70 m below existing grades
- **YORK REGION, North Don Sanitary Relief Sewer, Richmond Hill (2012 - 2014)**
2 km long, 1.2 m diameter sewer tunnel at depths of 5 m to 20 m through waterbearing sands and silts using micro-tunnelling
- **STRABAG, South East Collector Trunk Sewer, Markham & Pickering (2011 - 2014)**
13 km long, 3 m diameter sewer tunnel project where Mr. Corbett managed geotechnical and groundwater design issues of some 13 very deep shafts
- **Region of Peel, Credit Valley Sanitary Sewer Extension, Phase I & II (2004 to 2008)** 8 km long, 1.5 m diameter sewer comprising 6 km of tunnels (0.5 km in soft ground and 5.5 km in shale)
- **Region of York, Bathurst Collector and Langstaff Trunk Sewer Projects (2002 - 2009)**
8 km, 1.8 m diameter sewer at depths of 10 m to 30 m through glacial till and cohesionless soils
- **Region of York, Ninth Line and 16th Avenue Trunk Sewer Projects (1997 - 2007)** 15 km, 1.8 m diameter sewer at depths of 15 m to 45 m through glacial till and waterbearing cohesionless soils

