

## Getting started with OGS Earth

Next Gen Geo is a non-profit organization that supports the development of early-career geoscientists. We have free weekly meetings in Toronto where geoscientists can learn how to use OGS Earth to generate exploration targets. If you come to our meetings you can work with a team of other geoscientists to evaluate a region and also gain experience working with a database and creating geological reports. To find out more about Next Gen Geo, and to register for our free weekly meetings, visit <http://www.nextgengeo.ca/minex-training.html>

### Guide to OGS Earth

1. Download and install Google Earth Pro:

<https://www.google.com/earth/download/gep/agree.html>

2. Go to OGS Earth and download the layers you want to work with:

<http://www.mndm.gov.on.ca/en/mines-and-minerals/applications/ogsearth>



Title		
	Download the April 2014-December 2016 Assessment Google Earth File.	
	<p><b>Bedrock Geology</b> Bedrock Geology contains information about the solid rock underlying the Province of Ontario at a compilation scale of 1:250 000. Data includes: bedrock units, major faults, dike swarms, iron formations, kimberlites and interpretation of the Precambrian bedrock geology underlying the Hudson Bay and James Bay lowlands Phanerozoic cover. Download the <a href="#">Bedrock Geology data</a> in GIS format.</p>	<a href="#">Download</a>
	<p><b>Drill Holes</b> Drill Holes contains information on surface and underground drilling done as outlined by assessment files. Data includes: company name, company hole number, township and a link to the full drill hole record on <a href="#">GeologyOntario</a>. Download the <a href="#">Diamond Drill Hole database</a> in GIS format.</p>	<a href="#">Download</a>
	<p><b>Elevation</b> Elevation contains elevation data acquired from Nasa through the Shuttle Radar Topography Mission. Data includes: shaded relief and elevation models displaying terrain elevation across the province of Ontario.</p>	<a href="#">Download</a>

(scroll down on the page and download the kml files for the layers you want)

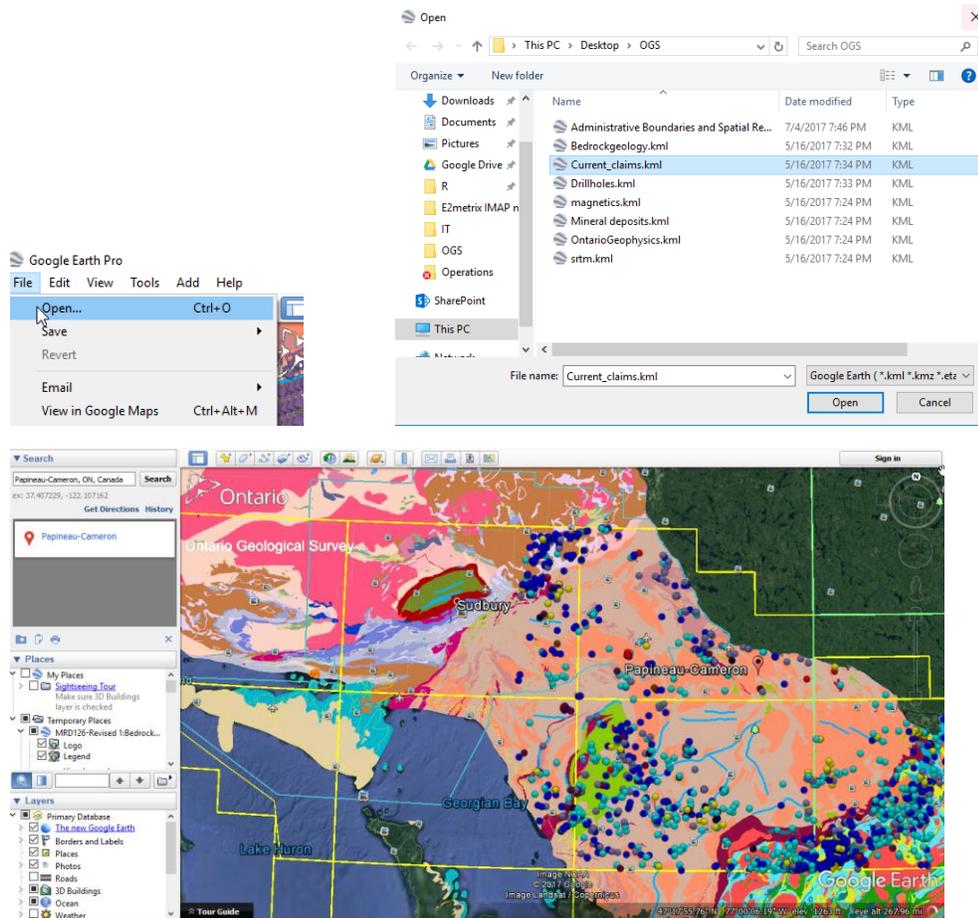
Hint: create a folder and name and organize the layers you download.

Recommended layers to start with:

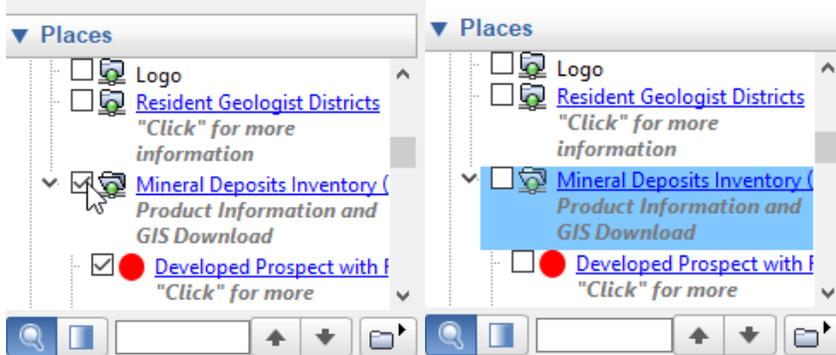
- **Bedrock Geology**
- **Drill holes**
- **Mining Claims**
- **Administrative Boundaries and Spatial Reference Grids**
- **Geophysics**
- **Mineral Deposits (MDI)**

Some of these layers are updated regularly and the best practice is to download and open the up-to-date version of the layer each time you use it (i.e. Mining Claims)

### 3. Open up Google Earth and add the different layers



### 4. Start getting used to activating different layers, navigating and accessing data, as well as using the general features of Google Earth.



Have fun playing around with Google Earth and the OGS Earth data layers you'll be well prepared for our free group meetings!