STEP 1: Download Google Earth Pro

- Go to the web address https://earth.google.com/download-earth.html
- Click "Agree & Download"
- Follow the download prompts

STEP 2: Set-up Google Earth Pro for Quarry applications

- On the main tool bar: Select "Tools" \rightarrow "Options"
- Under the "Show Lat/Long" heading, select "Universal Transverse Mercator"
- Click OK

3D View Cache Touring	Navigation General	Labels/Icon Size	Graphics Mode
 High Color (16 bit) True Color (32 bit) 	Off	Small	 OpenGL DirectX
	Medium	Medium	0
Compress	O High	Large	Use safe mode
Show Lat/Long	Units of Measurement	Fonts	
Decimal Degrees	System default		
Degrees, Minutes, Seconds	Feet, Miles		
 Degrees, Decimal Minutes Universal Transverse Mercator 	Meters, Kilometers	Choose 3D Font	
 Military Crid Deference System 	 Meters, Niometers 		
Terrain			
Elevation Exaggeration (also scales	3D buildings and trees)	(0.01 - 3)	
Use high quality terrain (disable			
Use 3D Imagery (disable to use		oter rendening,	
Atmosphere			
Use photorealistic atmosphere r	endering (EXPERIMENTAL)		
Overview Map			
Map Size: Small			Large
Zoom Relation: infinity 1:1			1:infinity

STEP 3: Zoom into the area that you're interested in for a quarry



STEP 4: Draw a polygon around the area you want to apply for

• Click the polygon icon to begin drawing the polygon around the area you want to apply for.



• Click "Style, Color" to change the appearance of the polygon.

Google Earth - I	New Polygon	x
	d Polygon	
Description	Style, Color View Altitude Measurements	
Add lin	ık Add image	

- Change the appearance so that you can see what you're drawing around.
- Select "Outlined" from the drop-down box.

Google Earth - New Polygon	
Name: Untitled Polygon Description Style, Color View Altitude Measurements	Change outline colour
Lines Color: Width: 1.0 - Opacity: 100%	Change outline thickness
Area Color: Outlined Opacity: 100% 🜩 Random	

You can change the thickness and colour of the outline so that it's easier to see. Try using a width of 2 and a contrasting colour to outline the area (yellow or white often work well against a green background).

For Example:

			1			Edit Polygon			
	A A				me: Untitled		1	- 1 1	
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• To check the size of the site you've drawn, select the "Measurements" tab in the dialogue box.

Google Earth - N	lew Polygon		600	17.838	x
Name: Untitled	l Polygon				
	7		alu: 1		
Description	Style, Color	View	Altitude	Measurements	
Add lin	Add imag	ge			

- Change the measurements to:
 - o Perimeter: Meters
 - o Area: Hectares

Go	ogle B	Earth - N	lew Polygon	-	1000	1000	x
N		Untitled	Polygon Style, Color	View	Altitude	Measurements	
		Perime	eter:	298	Meters	•	
		А	rea:	0.50	Hectares	•	

• Once you are happy with the area you've drawn, name your file as you wish.

G	oogle Earth - N	lew Polygon			Carlos I.	×
	Name: Quarry	Permit Applicatio)		
	Description	Style, Color	View	Altitude	Measurements	
	Add link	Add imag	ge			

• Click OK.

STEP 5: Draw the access road

• Click the polyline icon to begin drawing the quarry access road.



• Draw the access road to the proposed quarry.

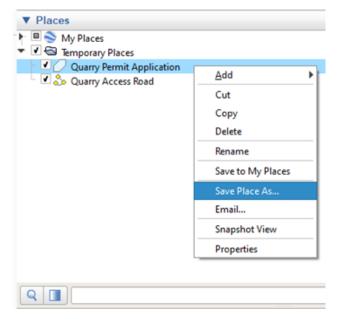
	Google Earth - New Path
	Name: Untitled Path
	Description Style, Color View Altitude Measurements
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and the second s	Color: Width: 2.0 🗘 Opacity: 100% 🗘
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Kon 3 million / del	OK Cancel

• Once you are happy with the line you've drawn, name your file as you wish and click OK.

Google Earth -	New Path			
Name: Quarry	Access Road			
Description	Style, Color	View	Altitude	Measurements

STEP 6: Email your Proposed Quarry Permit Boundary

• On the left hand side of the screen, under "Places", select your quarry permit boundary.

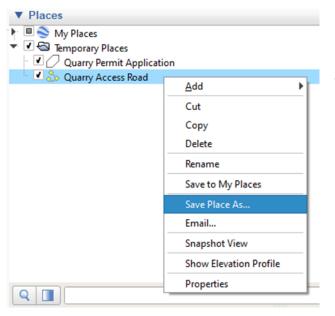


- Save a copy of the file to your computer so that you can attach it to the email with your completed quarry permit application:
 - Right click on the file select "SAVE PLACE AS"

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 \circ Save the file \cdot

• On the left hand side of the screen, under "Places", select your quarry access road.



- Save a copy of the file to your computer so that you can attach it to the email with your completed quarry permit application:
 - Right click on the file select "SAVE PLACE AS"
 - o Save the file in a location on your computer

• Email a copy of your proposed quarry permit boundary and access road to **Quarries@gov.nl.ca** with a copy of your completed quarry permit application.