

## ***Create Geomark from Geomarks Tutorial***

**General business example** – a small business forest company has created multiple geomark cutblocks using the Geomark Web Service and would like to submit them as a group in one submission to another party.

This option allows the user to create one geomark from multiple original geomarks by pasting the multiple geomark URLs into the address block and then selecting 'Create Geomark'. The newly created geomark will be unique.

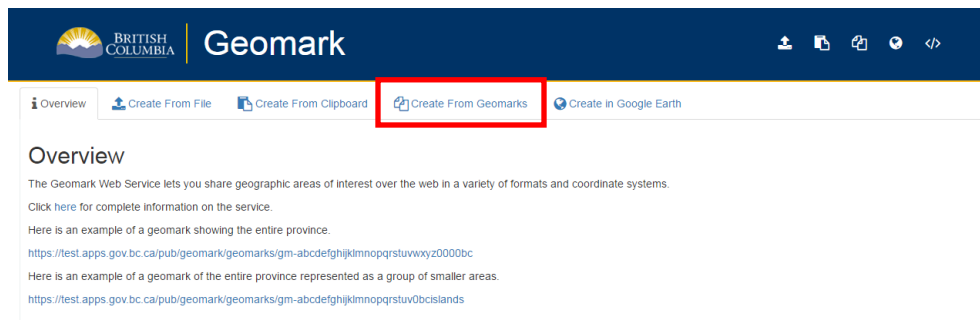
### **Step 1**

Step 1: Using your internet browser, click [here](#) to view the main Geomark Web Service webpage.



### **Step 2**

Step 2: Click on the '**Create Geomark from Geomarks**' link in the left hand Table of Contents.



A new form will appear in the window.

The screenshot displays the Geomark web application interface. At the top, there is a dark blue header with the 'BRITISH COLUMBIA' logo and the 'Geomark' title. Below the header, a navigation bar contains links: 'Overview', 'Create From File', 'Create From Clipboard', 'Create From Geomarks', and 'Create in Google Earth'. The main content area features a 'General business example' section with a paragraph explaining the service. Below this, a red rectangular box highlights the 'Create Geomark' form. The form includes a 'Geomark URL' input field with a green add button, an 'Allow Overlap' checkbox, and a 'Buffer Width (Metres)' input field. A 'Create Geomark' button is located at the bottom left of the form. The footer of the page contains links: 'About geomark.ca', 'Disclaimer', 'Privacy', 'Accessibility', 'Copyright', and 'Contact Us'.

## Step 3

Step 3: Copy and paste the first geomark URL in the address block.

This screenshot shows the same Geomark web application interface as the previous one. The 'Create Geomark' form is highlighted with a red rectangular box. The 'Geomark URL' input field now contains a URL, and the green add button is visible. The rest of the form, including the 'Allow Overlap' checkbox and the 'Buffer Width (Metres)' input field, remains the same. The 'Create Geomark' button is still at the bottom left of the form. The footer of the page is identical to the previous screenshot.

## Step 4

Step 4: Select the **'Add'** button at the end of the address block to add in another URL. Notice the first URL pasted in the address block moves down and the address block becomes blank so another URL can be pasted.

The 1<sup>st</sup> URL moves down the list. The address block becomes blank for another URL.

Geomark

Overview Create From File Create From Clipboard Create From Geomarks Create in Google Earth

General business example - a small business forest company has created multiple geomark outblocks using the Geomark Web Service and would like to submit them as a group in one submission to another party. This option allows the user to create one geomark from multiple original geomarks by pasting the multiple geomark URLs into the address block and then selecting 'Create Geomark'. The newly created geomark will be unique. Click here to access the tutorial.

Geomark URLs

Enter the Geomark URL in the box above and click the green add button for each geomark to add. The above box must be empty when clicking the 'Create Geomark' button otherwise you will see a 'The field is required error'.

http://apps.gov.bc.ca/pub/geomark/geomarklogin-abcdefg@immaprbcwvc000b0c

Allow Overlap

For Geometry Count=Many select this option to allow overlapping geometries.

Buffer Width (Metres)

The amount to buffer the geometry in metres, must only contain numerical digits (e.g. 10). Leave blank and no buffer will be added to input geometries.

Advanced buffer settings

Create Geomark

About geomark.ca Disclaimer Privacy Accessibility Copyright Contact Us

## Step 5

Step 5: Paste another geomark URL into the address block. Select the **'Add'** button to continue to add in geomark URLs until finished. There is no limitation to the number of geomarks you can add to the list.

Geomark

Overview Create From File Create From Clipboard Create From Geomarks Create in Google Earth

General business example - a small business forest company has created multiple geomark outblocks using the Geomark Web Service and would like to submit them as a group in one submission to another party. This option allows the user to create one geomark from multiple original geomarks by pasting the multiple geomark URLs into the address block and then selecting 'Create Geomark'. The newly created geomark will be unique. Click here to access the tutorial.

Geomark URLs

Enter the Geomark URL in the box above and click the green add button for each geomark to add. The above box must be empty when clicking the 'Create Geomark' button otherwise you will see a 'The field is required error'.

http://apps.gov.bc.ca/pub/geomark/geomarklogin-abcdefg@immaprbcwvc000b0c

http://apps.gov.bc.ca/pub/geomark/geomarklogin-abcdefg@immaprbcwvc000b0c

Allow Overlap

For Geometry Count=Many select this option to allow overlapping geometries.

Buffer Width (Metres)

The amount to buffer the geometry in metres, must only contain numerical digits (e.g. 10). Leave blank and no buffer will be added to input geometries.

Advanced buffer settings

Create Geomark

## Buffering Shapes

A buffer is a zone around a map feature measured in the units of distance indicated. Example, a buffer width of 100m will result in total distance of 200m or 100m on each side of the line feature. More detailed information regarding buffering shapes can be found in the Geomark Service application.

## Step 6

Step 6: To buffer the polygon, line or point added above, enter the desired buffered distance in metres in the text box provided.

**NOTE: A line or point cannot be converted to a geomark unless a buffer width is entered. All resulting geomarks will NOT store or show the original point, line or polygon.**

The screenshot displays the Geomark web application interface. At the top, there is a navigation bar with the British Columbia logo and the word 'Geomark'. Below this, a menu bar offers options: 'Overview', 'Create From File', 'Create From Clipboard', 'Create From Geomarks', and 'Create in Google Earth'. The main content area features a 'General business example' section with a description and a link to a tutorial. Below this is a form for creating a geomark. The form includes a 'Geomark URLs' field with a green checkmark icon, an 'Allow Overlap' checkbox, and a 'Buffer Width (Metres)' field. The 'Buffer Width (Metres)' field is highlighted with a red box and contains the value '100'. Below this field is a note: 'The amount to buffer the geometry in metres, must only contain numerical digits (e.g. 10). Leave blank and no buffer will be added to input geometries.' At the bottom of the form is a 'Create Geomark' button. The footer of the page contains links for 'About gov.bc.ca', 'Disclaimer', 'Privacy', 'Accessibility', 'Copyright', and 'Contact Us'.

## Step 7

Step 7: When the last URL has been added, either select the **'Add'** button and select the **'Create Geomark'** button **OR** hit **'Enter'**.

BRITISH COLUMBIA | Geomark

Overview Create From File Create From Clipboard Create From Geomarks Create in Google Earth

General business example - a small business forest company has created multiple geomark cutblocks using the Geomark Web Service and would like to submit them as a group in one submission to another party. This option allows the user to create one geomark from multiple original geomarks by pasting the multiple geomark URLs into the address block and then selecting 'Create Geomark'. The newly created geomark will be unique. Click here to access the tutorial.

Geomark URLs

Enter the Geomark URL in the box above and click the green add button for each geomark to add. The above box must be empty when clicking the 'Create Geomark' button otherwise you will see a 'The field is required' error.

http://apps.gov.bc.ca/pub/geomark/geomarks/gm-abcdefghijklmnopstuvwxyz0000bc  
http://apps.gov.bc.ca/pub/geomark/geomarks/gm-abcdefghijklmnopstuvw/0000bc

Allow Overlap ☐

For Geometry Count=Many select this option to allow overlapping geometries.

Buffer Width (Metres)

The amount to buffer the geometry in metres, must only contain numerical digits (e.g 10). Leave blank and no buffer will be added to input geometries.

Advanced buffer settings

Create Geomark

The unique geomark link will appear along with the associated geomark report.

Geomark gm-6C95A66C4C88443A8B571A0D61F0AA2E

apps.gov.bc.ca/pub/geomark/geomarks/gm-6C95A66C4C88443A8B571A0D61F0AA2E

BRITISH COLUMBIA | Geomark

Geomarks / Gm-6 C95a66c4c88443a8b571a0d61f0aa2e

Info Download Map

Save the link [gm-6C95A66C4C88443A8B571A0D61F0AA2E](#) to access this geomark in the future.

- You can access this geomark in the formats and coordinate systems of your choice.
- This geomark can be shared with anyone on the web by simply giving them the link, gm-6C95A66C4C88443A8B571A0D61F0AA2E.
- The list of all geomarks is kept secret. Sharing is up to you.
- Geomarks are tamper-proof. They can't be changed once created.

ID	gm-6C95A66C4C88443A8B571A0D61F0AA2E
Creation Date	2016-05-06
Expiry Date	2016-08-04
Bounding Box (W,S,E,N)	-144.666744,47.526134,-112.987823,60.725645
Centroid (lat,lon)	54.740999,-126.905119
Geometry Type	MultiPolygon
Geometry Count	4
Vertex Count	193
Length	12.363 km
Area	315 207 809 ha
Is Geometry Valid	✗
Geometry Validation Error	Self-intersection
Is Geometry Simple	✓
Is Geometry Robust	✓ (Minimum clearance is 13.467 m)

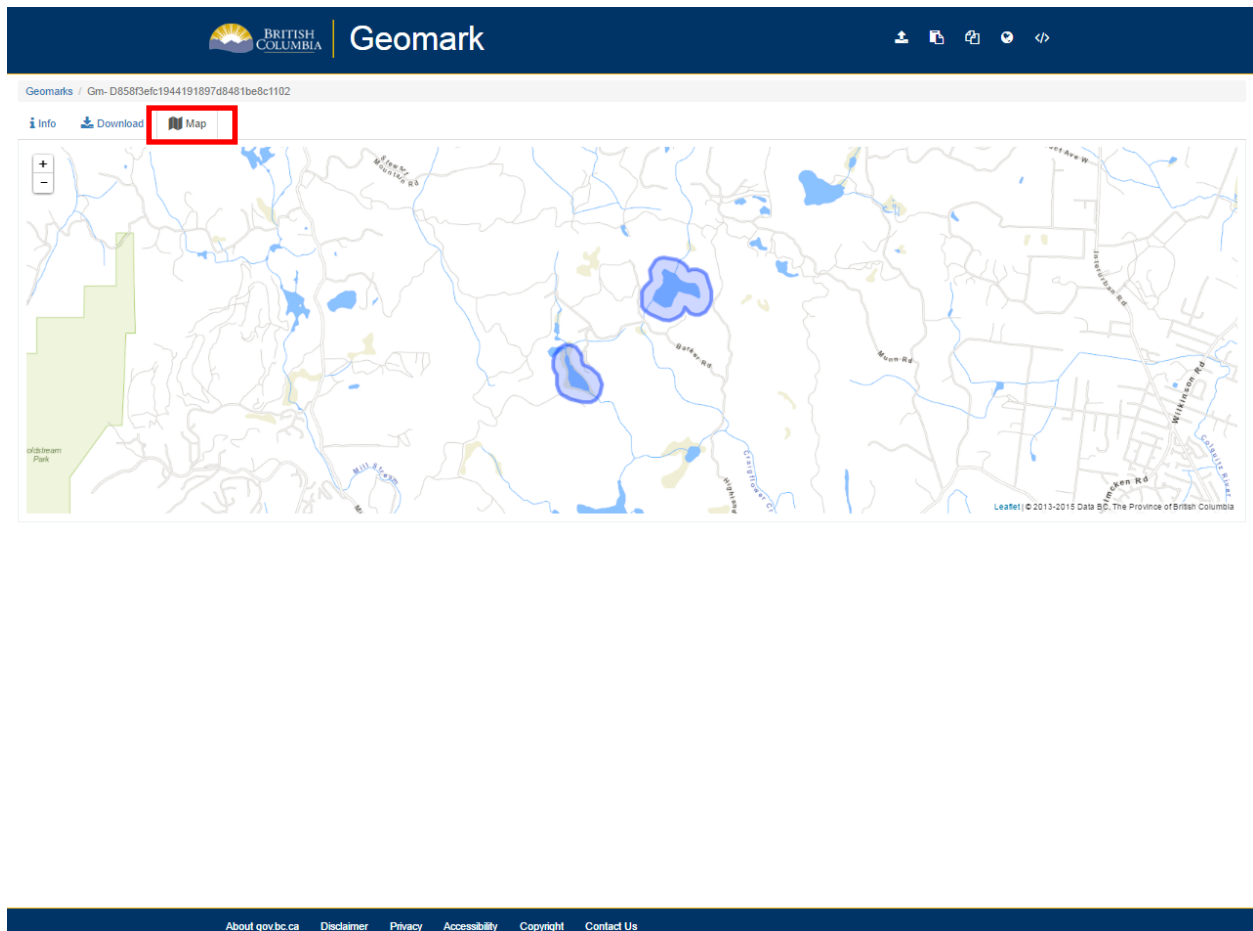
Geomark URL with ID

Geomark Link

Geomark Report


## Step 8

Step 8: You can view the file you converted to a geomark using the Map tab.








## Step 9


Step 9: Or you can download the geomark into a file format and projection that is more convenient for viewing and / or analysis.





# Geomark

































Geomarks / Gm- D858f3efc1944191897d8481be8c1102

 Info

 Download

 Map

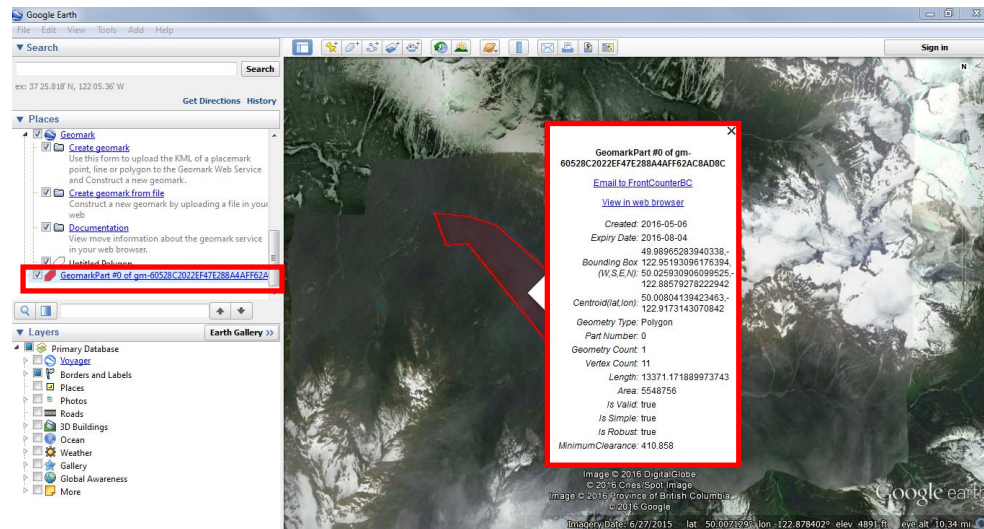
- Click one of the buttons below to download the geomark in that Coordinate System and File Format.
- The Shapefile format is delivered as a (.shpz) ZIP file containing shp, shx, dbf and pjg files.

FileFormat	WGS 84 (4326)	BC Albers (3005)	UTM 7N (26907)	UTM 8N (26908)	UTM 9N (26909)	UTM 10N (26910)	UTM 11N (26911)
KML		-	-	-	-	-	-
KMZ		-	-	-	-	-	-
Shapefile							
GeoJSON							
GML							
WKT							

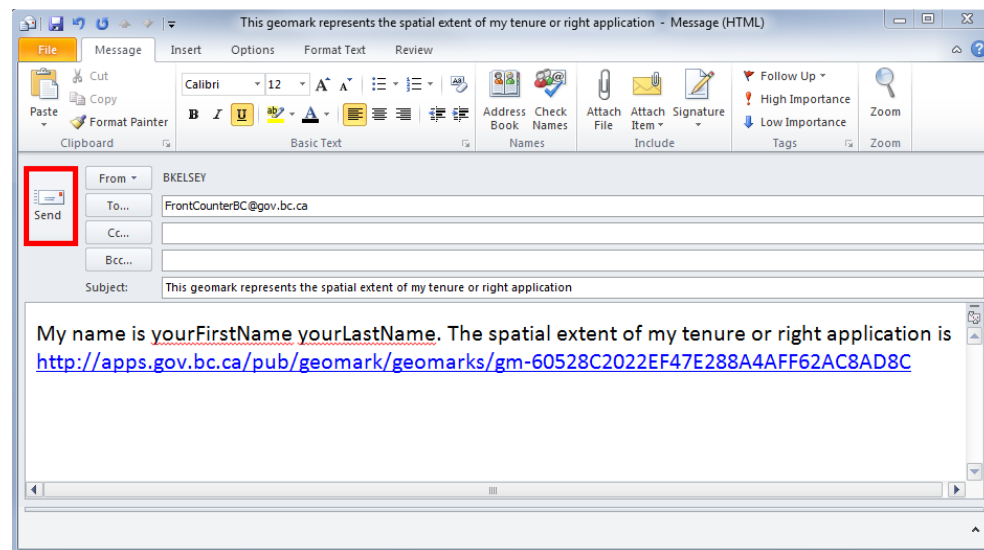
[About gov.bc.ca](#) [Disclaimer](#) [Privacy](#) [Accessibility](#) [Copyright](#) [Contact Us](#)

## Step 10

Step 10: To send an email to FrontCounter BC about your proposed application area download the geomark (Download tab) into KML format. Click on the area of interest in Google Earth and view the information window.



Click on the link labelled as 'Email to FrontCounterBC' and you will be presented with a pre-formatted email template.



Update the email body with information specific to your application and click 'Send'.