



On-Farm Climate Action Fund (OFCAF)

Guide to Locating and Labelling BMP Action Plans

October 19, 2022



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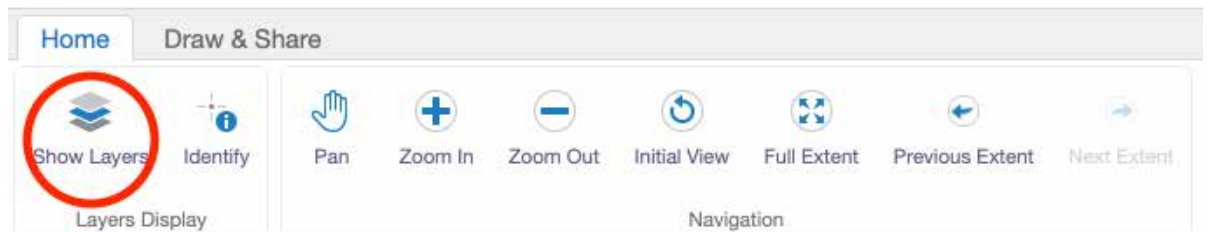
ON-FARM CLIMATE ACTION FUND

When applying to the On-Farm Climate Action Fund (OFCAF) program, there are many ways to identify fields and Beneficial Management Practice (BMP) action plans using scanned airphotos or satellite images. Often, a different software program is needed to add labels. This guide outlines use of a single program to identify and label fields using the free GeoDiscover Alberta tool.

The following instructions are provided to help: start up the tool; set up a basic outline of field boundaries; add simple labels; describe more complex projects; and finally, save and submit the final image. If the tool is not responding well, find a location where high speed internet is available.

PART ONE: START TOOL

1. Enter [GeoDiscover Alberta](#) into the search line of your browser and click on “Interactive Map Viewer”.
2. In the “Home” toolbar at the top left of the screen, click on the “Show Layers” button.



3. In “Operational Layers”, select “Alberta Township System”, by clicking on the box until a checkmark appears. Preselected layers may be turned off by clicking on a box until it clears. Click on “Base Maps” and select “Satellite View” from the menu. Clear preselected layers by unchecking them.



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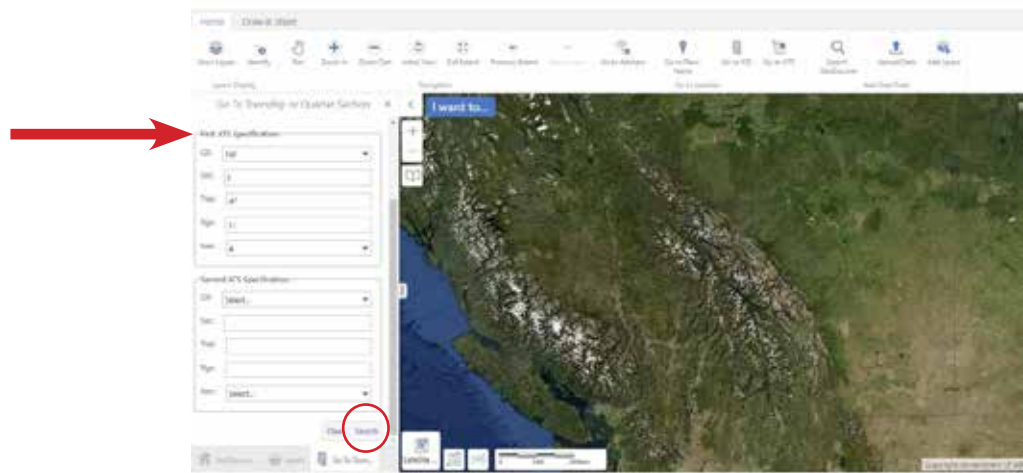
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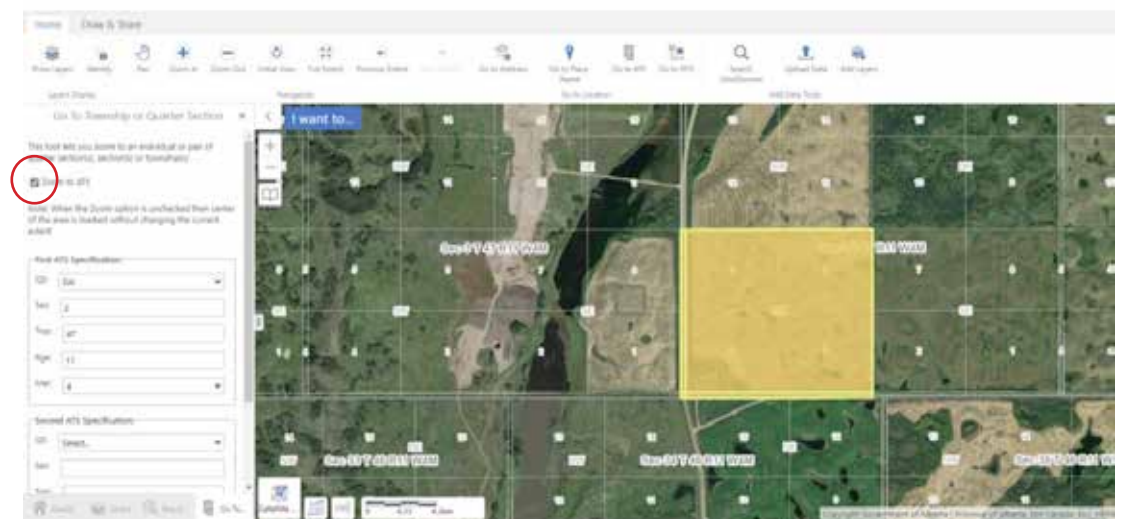
- Individual fields can be found by entering Legal Land Descriptions in the Alberta Township System (ATS). Click on “Go to ATS” to input the location of the field of interest.



- Input the field coordinates in the appropriate boxes, then click on “Search” in lower right corner of the menu.



- The screen will zoom into the field of interest and highlight field in yellow. (Zoom to ATS is preselected).

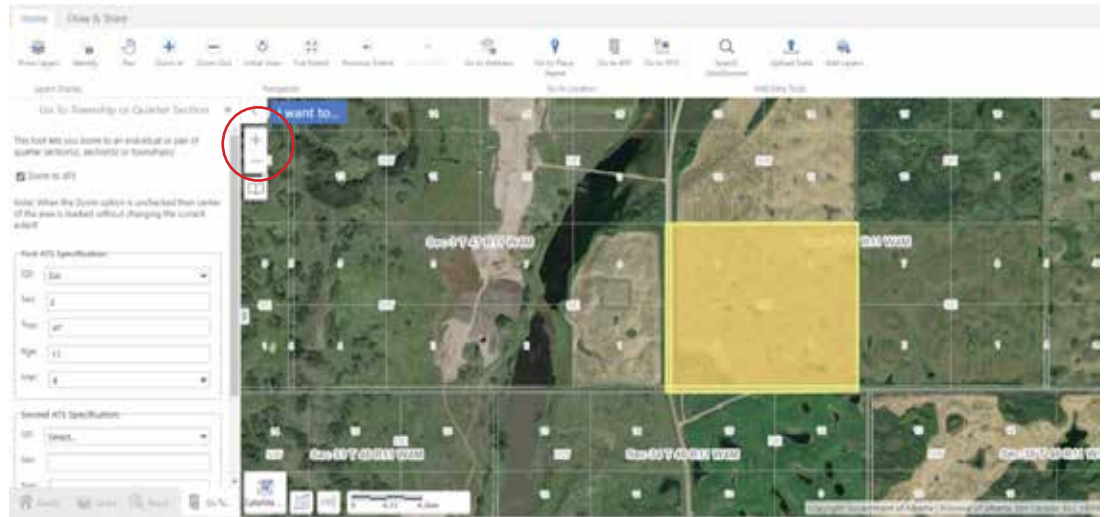


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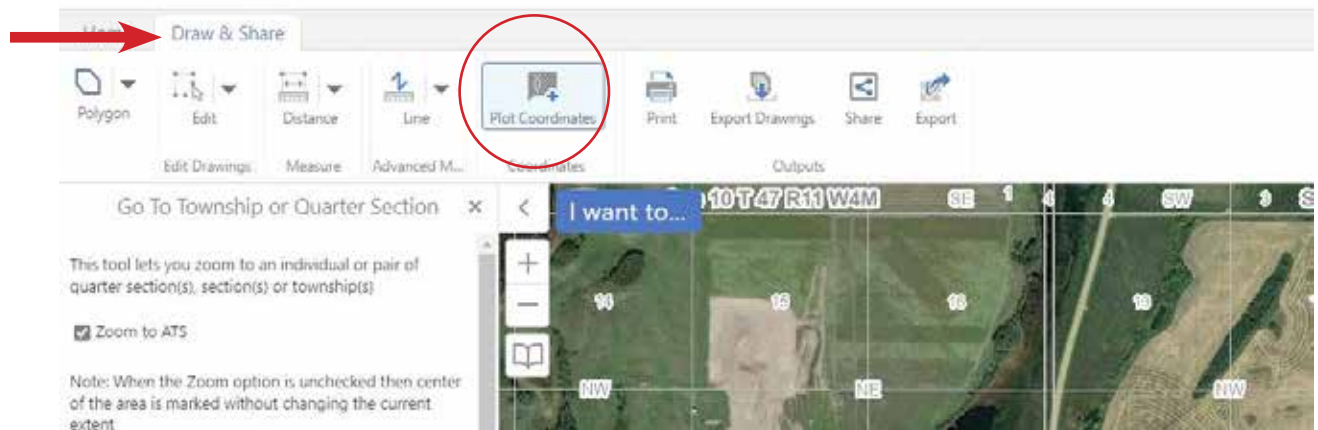
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7. Use the “+/-” buttons in the top left corner of the image to zoom in and out. Click anywhere on the image to move different areas of the screen into view.

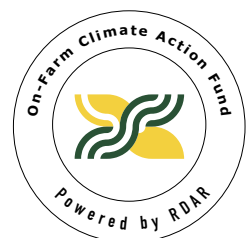


8. To clear the yellow highlight, center the field in the middle of your screen. Click on the “Draw & Share” toolbar, then select “Plot Coordinates”.



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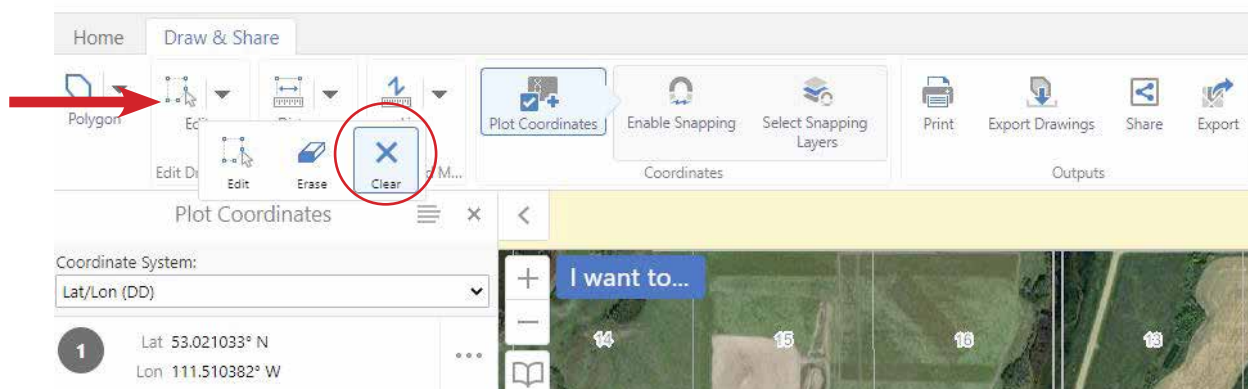
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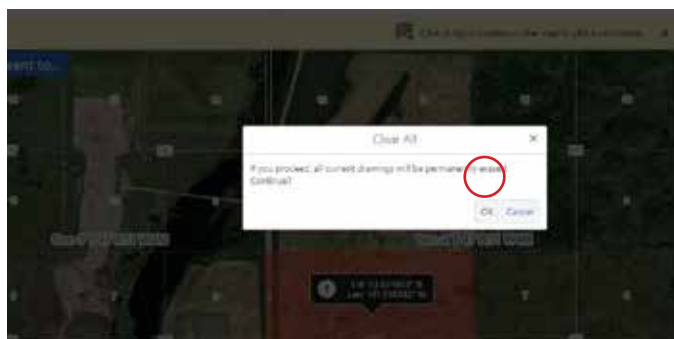
9. Click anywhere in the field to see the GPS coordinates. Highlight will turn red.



10. In the “Draw & Share” toolbar, click on the edit icon, then on “Clear”.

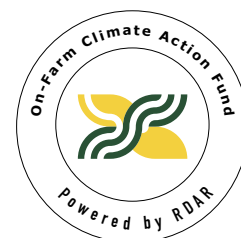


11. Click “OK” to clear all of the highlights from the field.



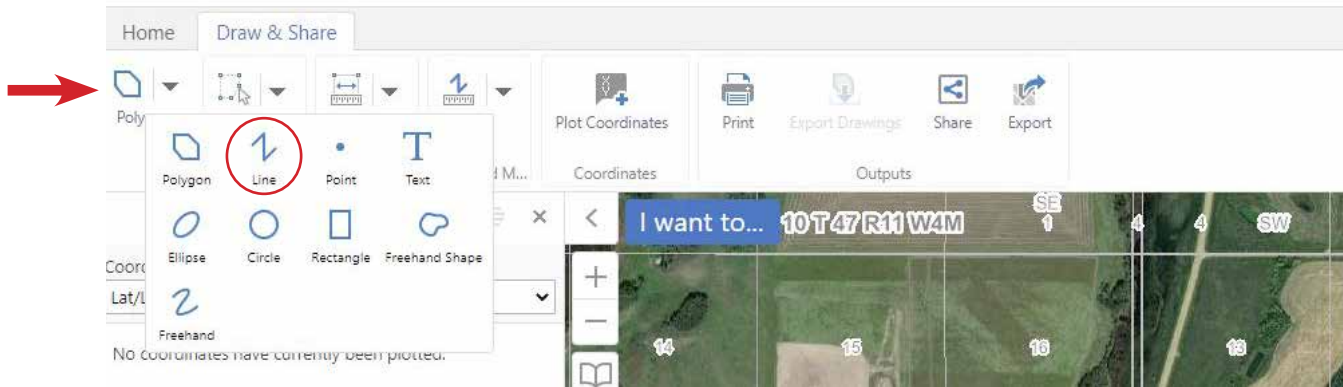
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PART TWO: BASIC EXAMPLE

1. Using the “Draw & Share” toolbar, click on the far left (“polygon”) drop-down menu and select “Line” to begin outlining a field.



2. Click on a field corner, then click on another corner to begin outlining the shape of the field.



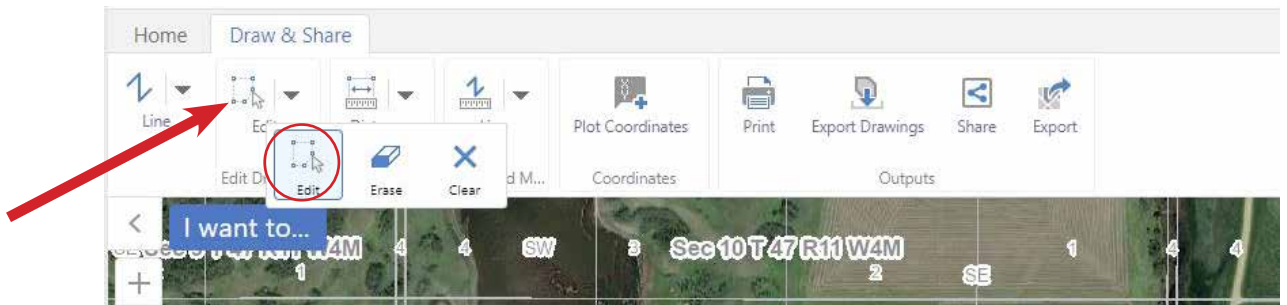
3. Continue clicking around the field to outline the entire field area.



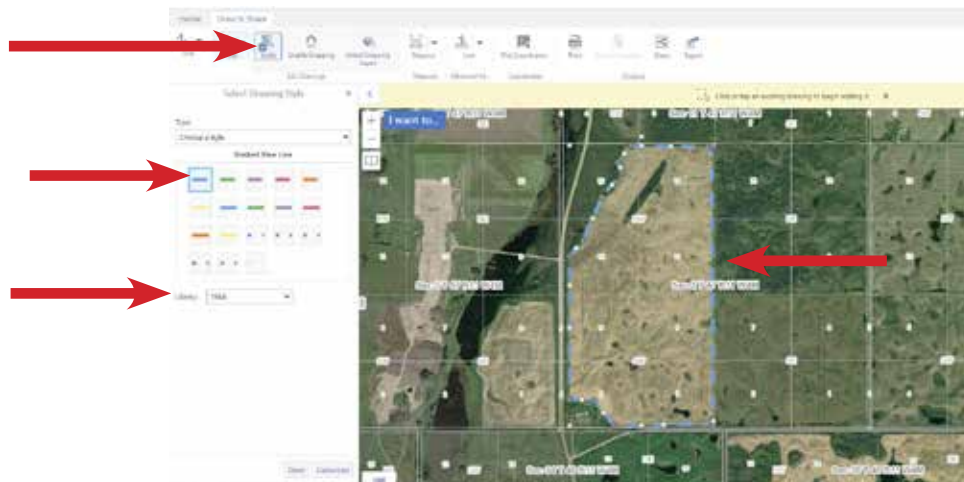
4. Double click to finish outlining the field to complete the shape.



5. To improve the visibility of the line around the field, use the “Draw & Share” toolbar, click on the box second from the left (“Edit”), then select “Edit” to change the line surrounding the field (if necessary).

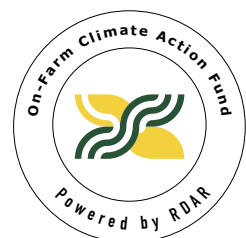


6. In “Edit”, click on the line you want to change styles for using the drop-down menu.

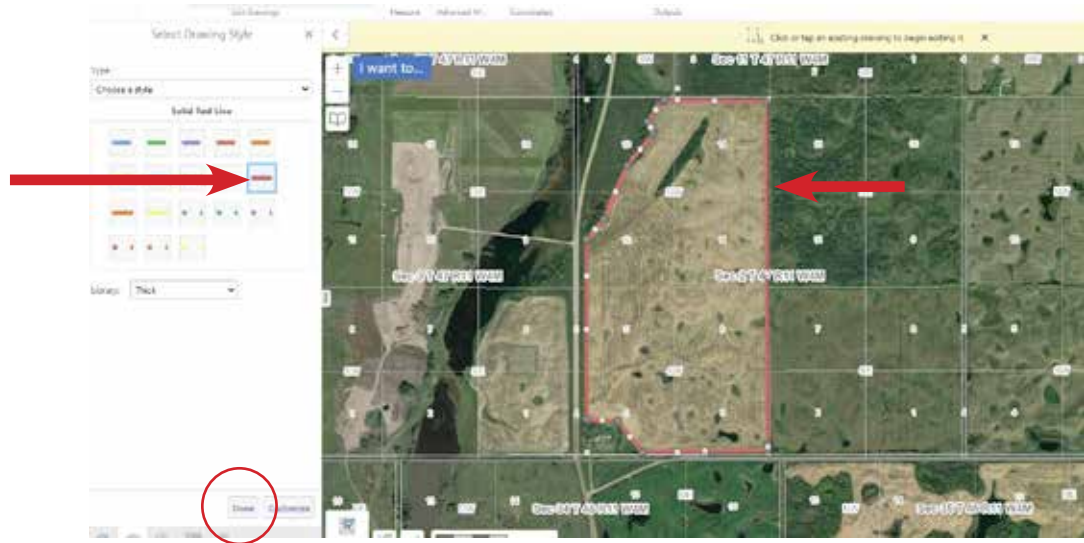


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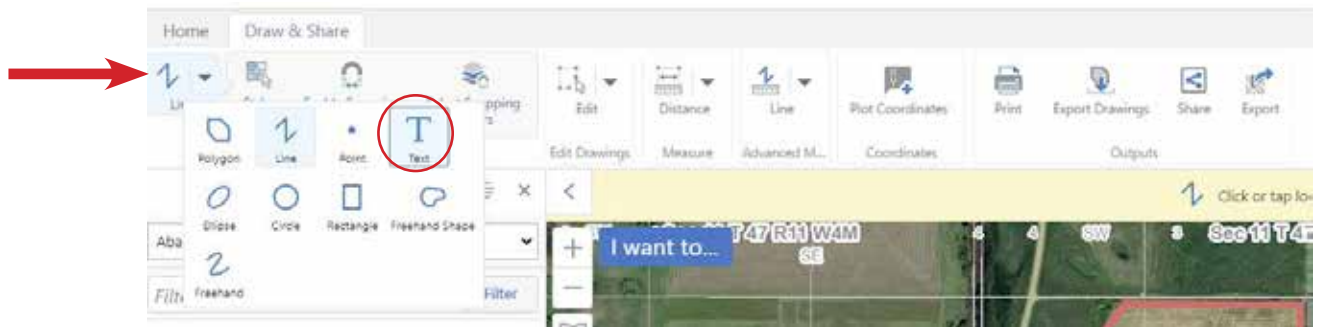
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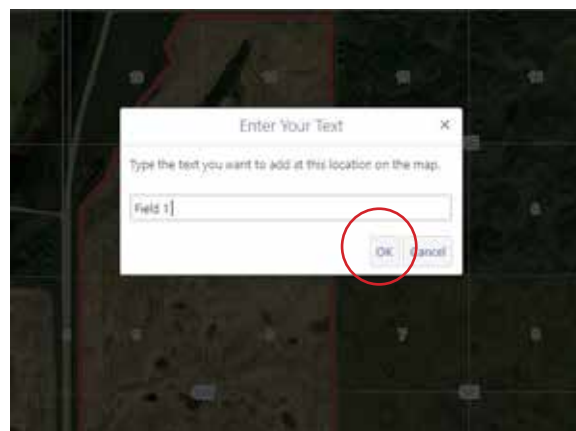
7. Click “Done” once you have finished editing to save changes.



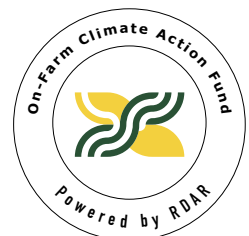
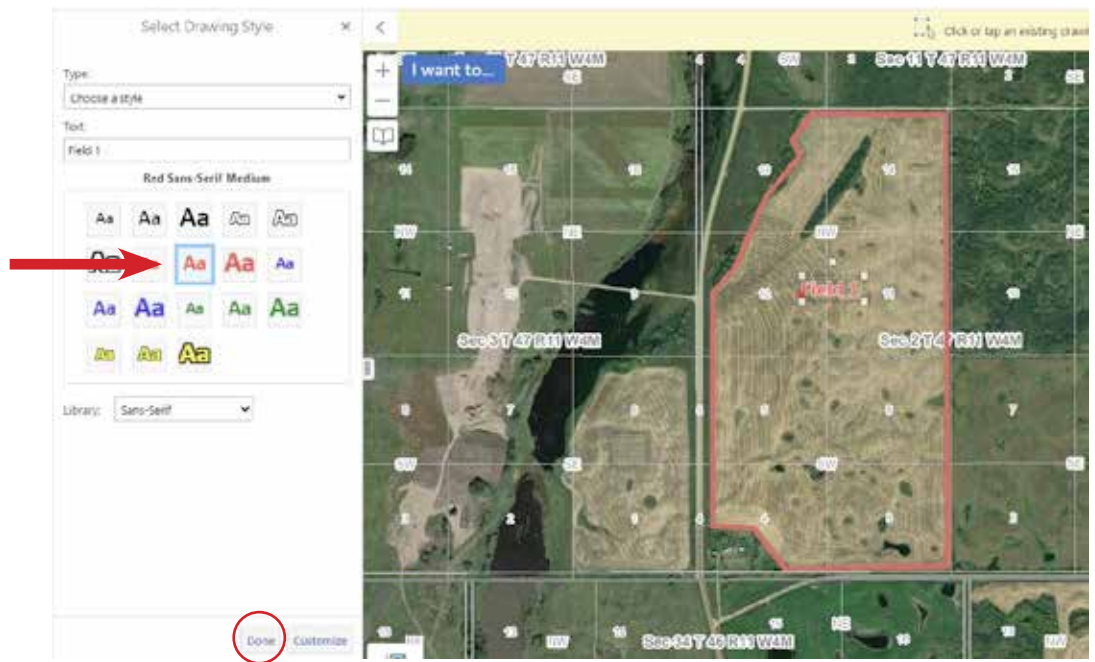
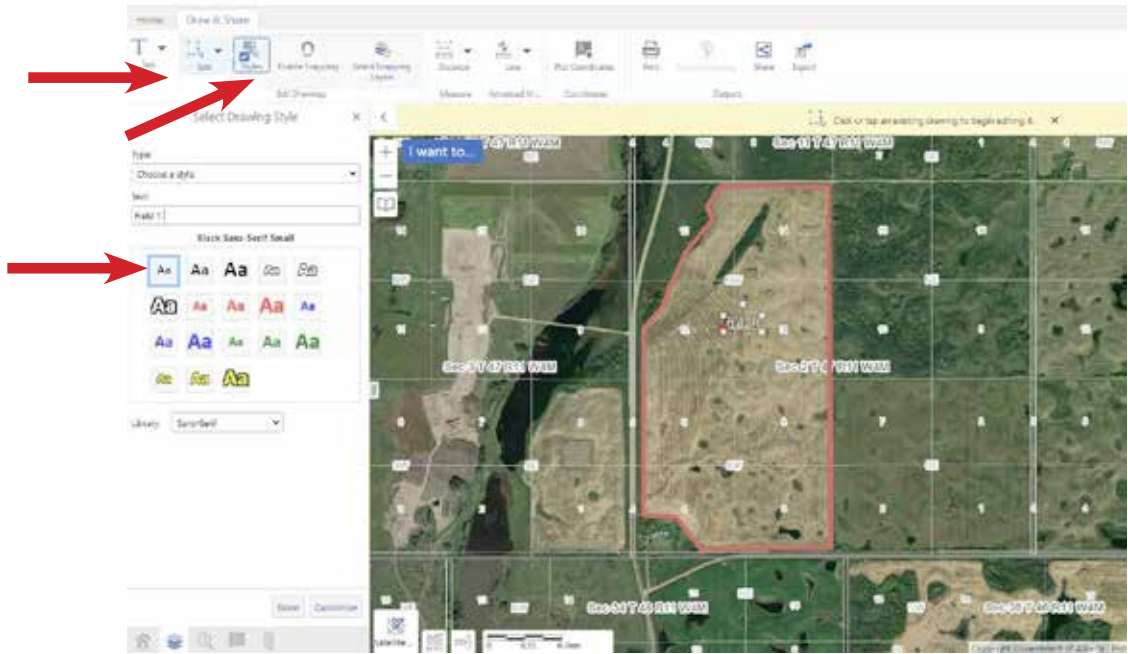
8. To identify the field number, use the “Draw & Share” toolbar and click on the far left (“Line”) drop-down. Select the “T” to begin adding text to the field.



9. Click an area on the field where you want the text to be placed, then enter the text you want to be displayed on the field. Click “OK” to confirm the changes.

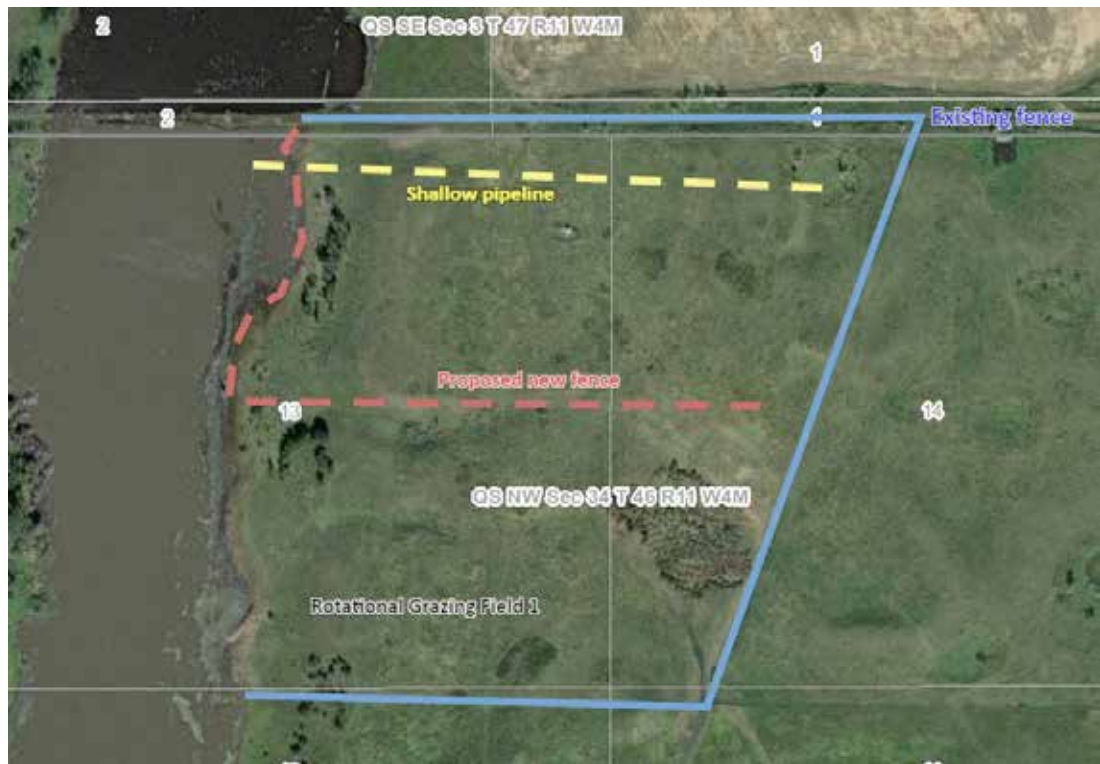


10. To edit text, use the “Draw & Share” menu, click on the “Edit” button, select “Styles”, then click on the text itself to change the font, size or color. Click on “Done” once changes are made.



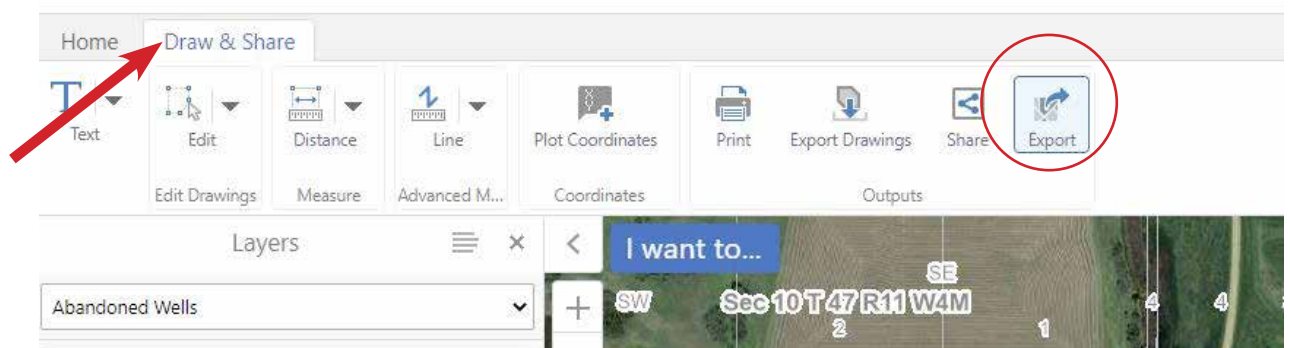
PART THREE: DETAILED EXAMPLE

1. Use the “Draw and Share” menu for options to outline and label additional features in a field field as described above. Identify existing and planned features (fencing, water lines, etc.) using different line styles, colours and labels as illustrated below.

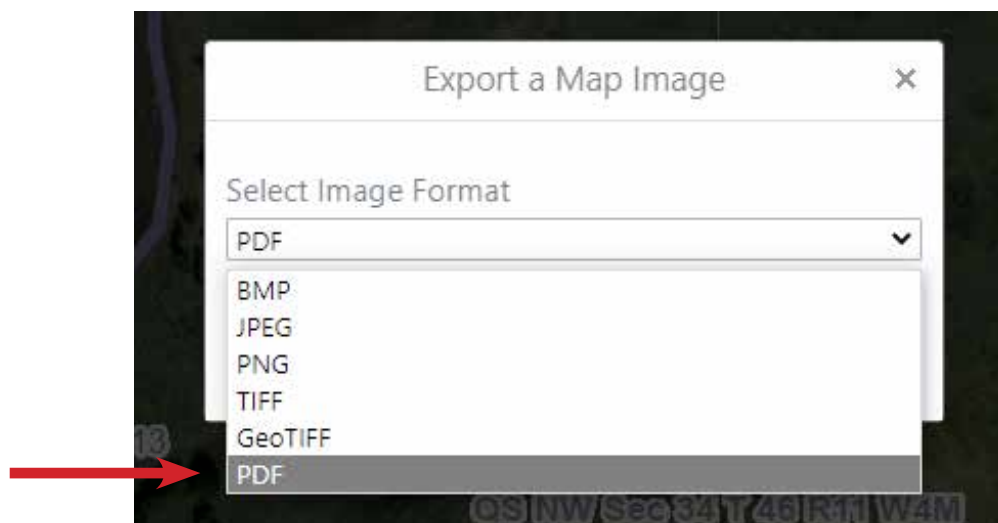


PART FOUR: SAVE & SUBMIT

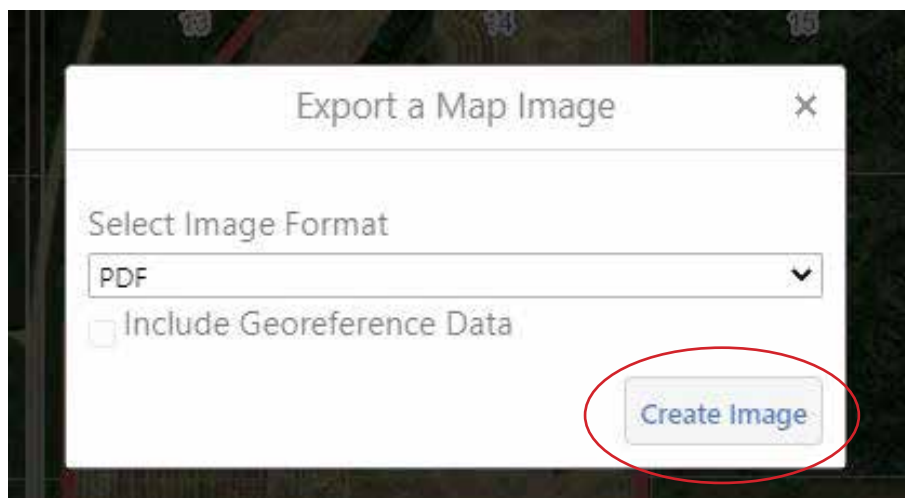
1. Once all edits have been made, using the “Draw & Share” toolbar, click on “Export”.



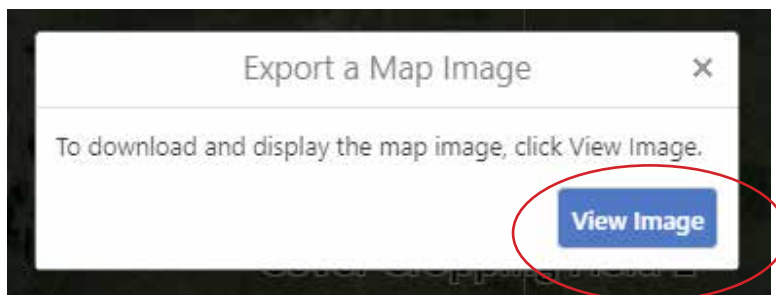
2. Select "PDF" from the drop-down menu.



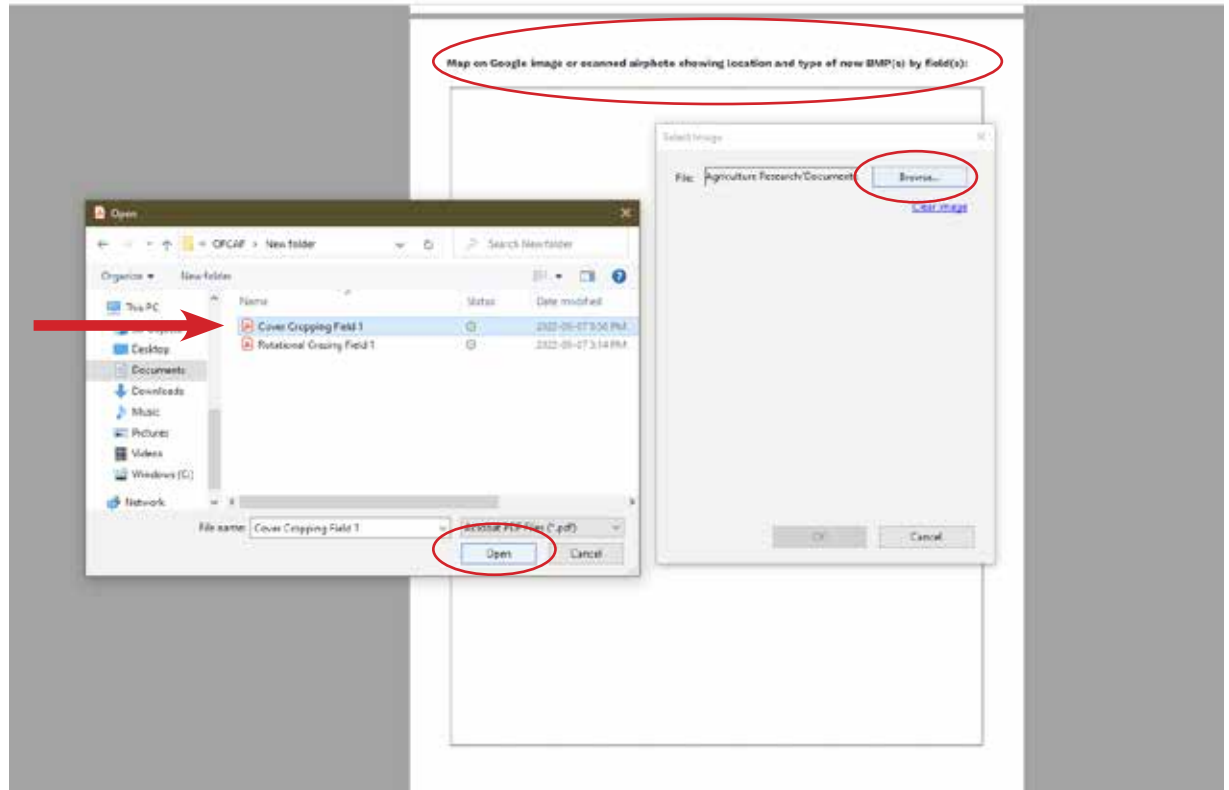
3. Click on "Create Image" to save the final result as a PDF image.



4. To check, click on "View Image" to see the PDF.



5. After the file has been saved, you can upload the PDF image to the online OFCAF application and submit this along with your action plan template. If your screen does not appear as shown below, the PDF file can be submitted as a separate document, or Adobe Acrobat may need to be installed on your computer.



For more information about or help using GeoDiscover Alberta, please email: geodiscoveralberta@gov.ab.ca.



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