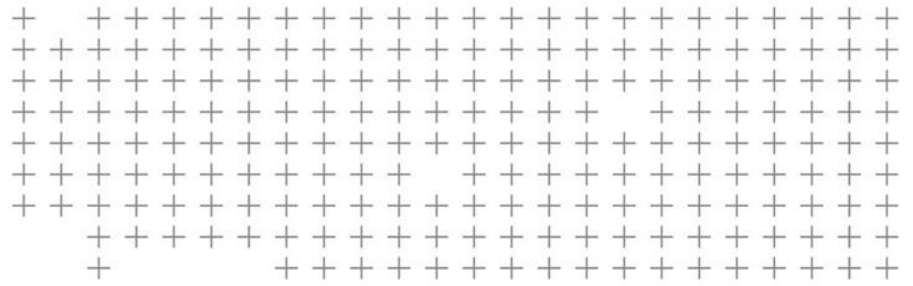


Felipe Allegretti, Banita Kassen, Carolyn Holness | Business Analysts
Saliegh Aziz | Senior Software Engineer

LANDFOLIO® DENVER USER CONFERENCE 2018



Making the Most of the New Mapping Capabilities



Maps

Creating a Map

- Maps are composed of map services
 - Map services can be used in multiple maps
Rather than duplicating layers in multiple map services
 - Map services load separately
i.e. if one map service is slow to load, the other map services are not prevented from loading or displaying

Creating a Map

- Step 1: Create map services
- Step 2: Register map services in landfolio

All	Service Name	Type	REST Url
<input type="checkbox"/>	BC Admin Map	Dynamic	http://35.162.122.119/arcgis/rest/services/Landfolio_Demo/FlexiCadaastreDemo_BC_Admin_Map/MapServer
<input type="checkbox"/>	BC Agreements Map	Dynamic	http://35.162.122.119/arcgis/rest/services/Landfolio_Demo/FlexiCadaastreDemo_BC_Agreements_WGS84/MapServer
<input type="checkbox"/>	BC Groups Map	Dynamic	http://35.162.122.119/arcgis/rest/services/Landfolio_Demo/FlexiCadaastreDemo_BC_Groups_WGS84/MapServer
<input type="checkbox"/>	BC Licenses Map	Dynamic	http://35.162.122.119/arcgis/rest/services/Landfolio_Demo/FlexiCadaastreDemo_BC_Licenses_WGS84/MapServer

Creating a Map

Admin Tools > Maps > Map

CONFIGURATION

Map: **British Columbia**

Coordinate System: **Web_Mercator_Auxiliary_Sphere**

Initial Extent: [Go to](#), [Use current extent](#)

Map Services in Map:

- BC Groups Map
- BC Licenses Map
- BC Agreements Map
- BC Admin Map
- World Topographic Map

Available Map Services:

- Africa
- Alaska Competitor Monitoring
- North America
- British Columbia
- BC Competitor Monitoring
- Areas of Interest
- Australia
- United States
- Brazil Competitor Monitoring
- United States Competitor Monitoring



Creating a Map



- Map service transparency and scale
- Map initial extent

Creating a Map

Admin Tools > Maps > Map

Map: **British Columbia**

Coordinate System: **Web_Mercator_Auxiliary_Sphere**

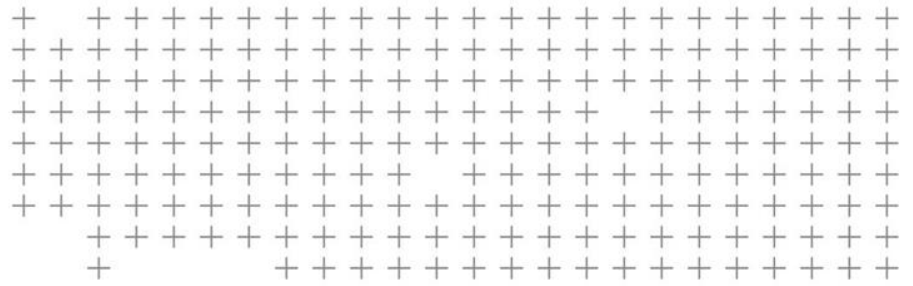
Initial Extent: [Go to](#), [Use current extent](#)

Map Services in Map:

- BC Groups Map
- BC Licenses Map
- Transparency: [Slider]
- Scale Range: [Slider]
- BC Agreements Map
- BC Admin Map
- World Topographic Map

Available Map Services:

- Africa
- Alaska Competitor Monitoring
- North America
- British Columbia
- BC Competitor Monitoring
- Areas of Interest
- Australia
- United States
- Brazil Competitor Monitoring
- United States Competitor Monitoring



New Editing Functionality



Tips for manually adding and editing coordinates

- Tab to move to the next field
- Click on the + button to add a new line. That copies coordinates from previous line
- Dragging points up and down in the coordinates list
- Creating new points on the map

Tips for manually adding and editing coordinates

The screenshot displays a software interface with a map on the left and a data panel on the right. The map shows a grid of land parcels with a central parcel highlighted in red. The data panel on the right provides details for the selected shape, including its coordinate system, area, and a table of its vertices.

Coordinate System: GCS_NAD83
Official Area: 2,400.0000 Hectares
Calculated Area: 856.2417 Ha
Derived Shape:
Legal Description:

Parts:
Part 1

Editing Part: Part 1 OK CANCEL

Area: 856.2417 Ha **DMS** ▼

	Latitude				Longitude				
1	53°	20'	04.99"	N	124°	17'	30.56"	W	✖
2	53°	22'	00.81"	N	124°	17'	30.56"	W	✖
3	53°	22'	00.81"	N	124°	15'	21.20"	W	✖
4	53°	20'	04.99"	N	124°	15'	21.20"	W	✖
									+

Tips for manually adding and editing coordinates

The screenshot displays a software interface with a map on the left and a control panel on the right. The map shows a grid of land parcels with labels like BCMC-0536, BCMC-0537, BCMC-0538, BCMC-0539, BCMC-0540, BCMC-0511, BCMC-0512, BCMC-0513, BCMC-0493, and BCMC-0494. A red polygon is drawn over the BCMC-0511 parcel. The control panel on the right includes a 'Shape' tab and a table of coordinates.

Coordinate System: GCS_NAD83
Official Area: 2,400.0000 Hectares
Calculated Area: 856.2417 Ha
Derived Shape:
Legal Description:

Parts:
Part 1

Editing Part: Part 1 OK CANCEL

Area: 856.2417 Ha **DMS** ▾

	Latitude	Longitude						
1	53° 20' 04.99"	N 124° 17' 30.56"	W					
2	53° 22' 00.81"	N 124° 17' 30.56"	W					
3	53° 22' 00.81"	N 124° 15' 21.20"	W					
4	53° 20' 04.99"	N 124° 15' 21.20"	W					

Tips for manually adding exclusion areas

The screenshot displays a software interface with a map on the left and a 'Shape' panel on the right. The map shows a grid of green parcels with labels such as BCMC-0536, BCMC-0537, BCMC-0538, BCMC-0539, BCMC-0540, BCMC-0511, BCMC-0512, BCMC-0493, and BCMC-0494. A red polygon is drawn over the parcels BCMC-0511 and BCMC-0512. The 'Shape' panel on the right contains the following information:

- Coordinate System:** GCS_NAD83
- Official Area:** 2,400.0000 Hectares [Copy Calculated Area](#)
- Calculated Area:** 856.2417 Ha
- Derived Shape:**
- Legal Description:**
- Parts:** Part 1

A tooltip 'Add exclusion part' is visible below the 'Add' button in the 'Parts' section.

Tips for manually adding exclusion areas

The screenshot displays a software interface with a map and a properties panel. The map shows a grid of green parcels with labels such as BCMC-0536, BCMC-0537, BCMC-0538, BCMC-0539, BCMC-0540, BCMC-0493, and BCMC-0494. A red rectangular exclusion area is overlaid on the map, covering parcels BCMC-0511, BCMC-0512, and BCMC-0513. The properties panel on the right contains the following information:

- Coordinate System:** GCS_NAD83
- Official Area:** 2,400.0000 Hectares
- Calculated Area:** 856.2417 Ha
- Derived Shape:**
- Legal Description:**
- Parts:**
 - Part 1
 - Part 1, Exclusion 1
- Editing Part:** Part 1, Exclusion 1
- Buttons:** DD, OK, CANCEL
- Table:**

Latitude	Longitude			
+				

Reproject to particular coordinate system

Admin Tools > System Types > License Types > View



License Type Name: **BC Mineral Claim**

General Relinquishment Work Commitments Exclusivity Workflows Documents **Coordinate Systems** Reference Points License Code Settings Date Calculations Map References Field Settings

Required Reference Codes Document Types Commodities Status

Other allowed Coordinate Systems

Allow all Coordinate Systems to be used on this License Type

Only the following Coordinate Systems can be used on this License Type

There are **20** document types in the list

Name	Allow
GCS_GDA_1994	<input type="checkbox"/>
GCS_NAD27	<input type="checkbox"/>
GCS_NAD83	<input checked="" type="checkbox"/>
GCS_SAM_1969	<input type="checkbox"/>
GCS_WGS_1984	<input checked="" type="checkbox"/>
GDA94_MGA50	<input type="checkbox"/>
NAD27_UTM_11N	<input type="checkbox"/>
NAD27_UTM_12N	<input type="checkbox"/>
NAD27_UTM_13N	<input type="checkbox"/>
NAD27_UTM_14N	<input type="checkbox"/>
NAD27_UTM_15N	<input type="checkbox"/>
NAD27_UTM_16N	<input type="checkbox"/>
NAD83_UTM_10N	<input checked="" type="checkbox"/>
NAD83_UTM_11N	<input checked="" type="checkbox"/>

Reproject to particular coordinate system

General Parties (1) **Shape** Map References (2) Documents Commodities (1) Agreements Groups (1) Related Licenses Actions Open (1) Actions Closed (1) Roles (1)* Discussions Audit

Reproject to coordinate system:

- NAD27_UTM_12N
- NAD27_UTM_13N
- NAD27_UTM_14N
- NAD27_UTM_15N
- NAD27_UTM_16N
- NAD83_UTM_10N**
- NAD83_UTM_11N
- NAD83_UTM_14N
- NAD83_UTM_15N
- NAD83_UTM_16N
- NAD83_UTM_18N
- NAD83_UTM_19N
- Web_Mercator_Auxiliary_Sphere

Reproject Coordinates to selected System

System: GCS_NAD83
2,400.0000 Hectares [Copy Calculated Area](#)
860.0932 Ha

	Latitude	Longitude	
1	53° 14' 16.99" N	124° 13' 11.85" W	
2	53° 16' 13.08" N	124° 13' 11.85" W	
3	53° 16' 13.08" N	124° 11' 02.49" W	
4	53° 14' 16.99" N	124° 11' 02.49" W	

Reproject to particular coordinate system

The screenshot displays a GIS application interface. The top navigation bar includes tabs for General, Parties (1), Shape, Map References (2), Documents (2), Commodities (1), Agreements, Groups (1), Related Licenses, Actions Open (1), Actions Closed (1), Roles (1)*, Discussions, and Audit. The main map area shows a grid of land parcels, with a central parcel highlighted in brown and labeled "Pleaser Plateau Project". The map includes a scale bar (0 to 1 km) and a north arrow. The right-hand panel, titled "Shape", is highlighted with a red border and contains the following information:

Coordinate System: NAD83_UTM_10N

Official Area: 2,400.0000 Hectares [Copy Calculated Area](#)

Calculated Area: 860.0912 Ha

Derived Shape:

Legal Description:

Parts:

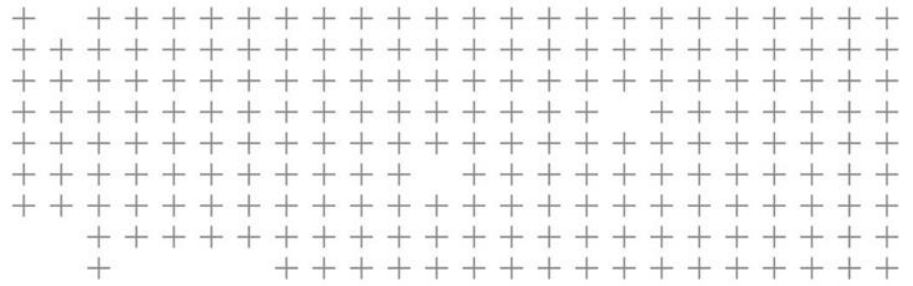
Part 1

Viewing Coordinates of: Part 1

Area: 860.0912 Ha

	North (y)	East (x)
1	5,899,447.08	418,580.98
2	5,903,034.09	418,642.19
3	5,902,993.80	421,038.40
4	5,899,406.77	420,978.99

7,031,911 m -13,825,037 m



Using Agreement Shapes to Create Areas of Interest

Area of Interest around Agreement

- Capture an agreement shape as normal on the Shape tab

The screenshot displays a GIS application interface. The top navigation bar includes tabs for General, Parties (1), Conditions (1), Shape, Map References (3), Jurisdictions, Documents, Licenses, Groups, Related Agreements, Actions Open, Actions Closed, Roles, Discussions, and Audit. The main map area shows a topographic view of the Nechako Plateau and Fraser Plateau regions, with a red rectangular area of interest overlaid. The map includes labels for Prince George, Nechako River, and various provincial parks. The sidebar on the right provides detailed information for the selected shape:

- Coordinate System:** NAD83_UTM_10N
- Official Area:** 1,028,119.0370 Hectares [Copy Calculated Area](#)
- Calculated Area:** 1,028,119.0370 Ha
- Derived Shape:**
- Legal Description:** (Empty text box)
- Parts:** Part 1
- Viewing Coordinates of: Part 1**
Area: 1,028,119.0370 Ha

	North (y)	East (x)	
1	5,958,069.90	398,773.62	
2	5,955,920.80	483,504.66	
3	5,837,744.86	484,205.27	
4	5,839,211.74	395,478.65	

At the bottom right of the sidebar, the coordinates 7,104,888 m -13,503,533 m are displayed.

Area of Interest around Agreement

- Create new Condition = Area of Interest

Condition Details OK CANCEL

General Shape Actions

Number:

Condition Type: *

Condition Value:

Start Date:

End Date:

Condition Description:

Area of Interest around Agreement

- Click the Condition Shape tab and check the box = Has Shape

Condition Details OK CANCEL

General **Shape** Actions

Has Shape Polygon

Coordinate System:

Official Area: Acres [Copy Calculated Area](#)

Derived Shape:

Legal Description:

Parts: +

The shape has no parts

Click the add part icon or use the tools above to define the shape

7,172,643 m -13,712,709 m

Area of Interest around Agreement

- Check the box = Derived Shape

The screenshot displays a software interface for defining a shape. At the top, there is a 'Condition Details' header with 'OK' and 'CANCEL' buttons. Below this, there are tabs for 'General', 'Shape', and 'Actions'. The 'Shape' tab is active, showing a map with a polygon shape overlaid. The map includes labels for 'Prince George', 'Chako River', and 'Icha Igachuz Provincial Park'. A scale bar at the bottom left indicates 0, 20, and 40 km. The 'Shape' configuration panel on the right contains the following fields:

- Has Shape
- Polygon (dropdown)
- Coordinate System: (dropdown)
- Official Area: (input field) Acres (dropdown) [Copy Calculated Area](#)
- Derived Shape:** (highlighted with a red box)
- Legal Description: (text area)
- Parts: (dropdown) [+](#)
- The shape has no parts*
- Click the add part icon or use the tools above to define the shape*

At the bottom of the panel, there is a coordinate field showing 7,172,643 m -13,712,709 m.

Area of Interest around Agreement

- Click 'Define derived shape options'

Condition Details OK CANCEL

General **Shape** Actions

Has Shape Polygon

Derived Shape: [Define derived shape options](#)

Legal Description:

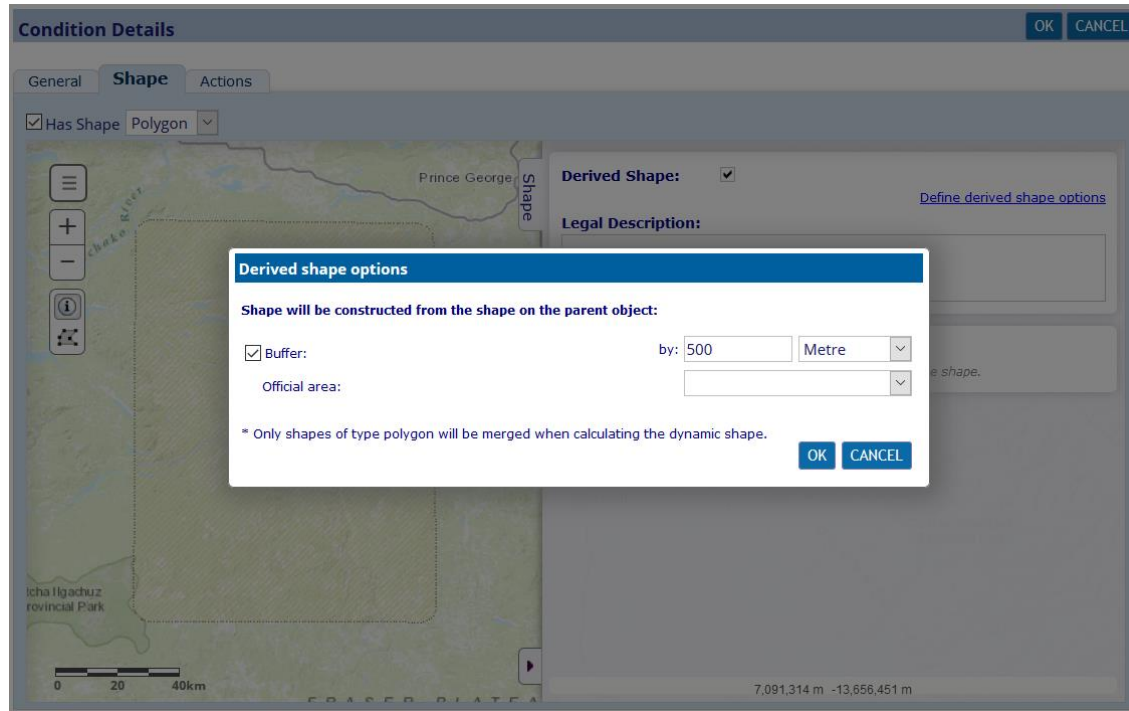
*Derived shapes can only be viewed when not in edit mode.
Configure the derived shape options and click save to view the shape.*

0 20 40km

6,950,670 m -13,674,796 m

Area of Interest around Agreement

- Check the box = Buffer and define your buffer size



Area of Interest around Agreement



Condition Details OK

General **Shape** Actions

Coordinate System: NAD83_UTM_10N
Official Area: 3,067,210.85 Acres
Calculated Area: 3,067,209.56 Acre
Derived Shape: [View derived shape options](#)

Legal Description:

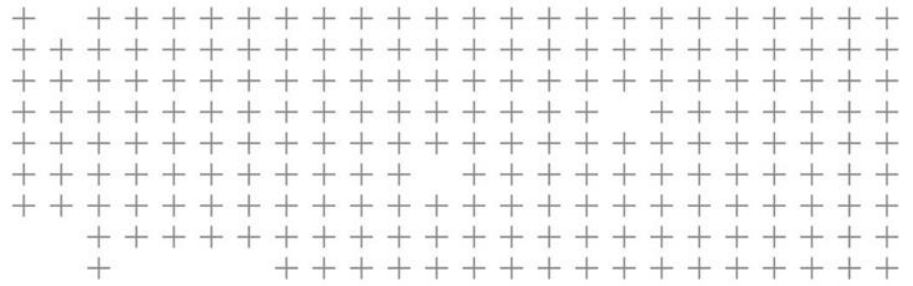
Parts:

Part 1

Viewing Coordinates of: Part 1
Area: 3,067,209.56 Acre

	North (y)	East (x)	
1	5,963,068.29	398,900.40	
2	5,960,919.19	483,631.44	
3	5,960,910.09	483,831.68	
4	5,960,878.02	484,157.29	

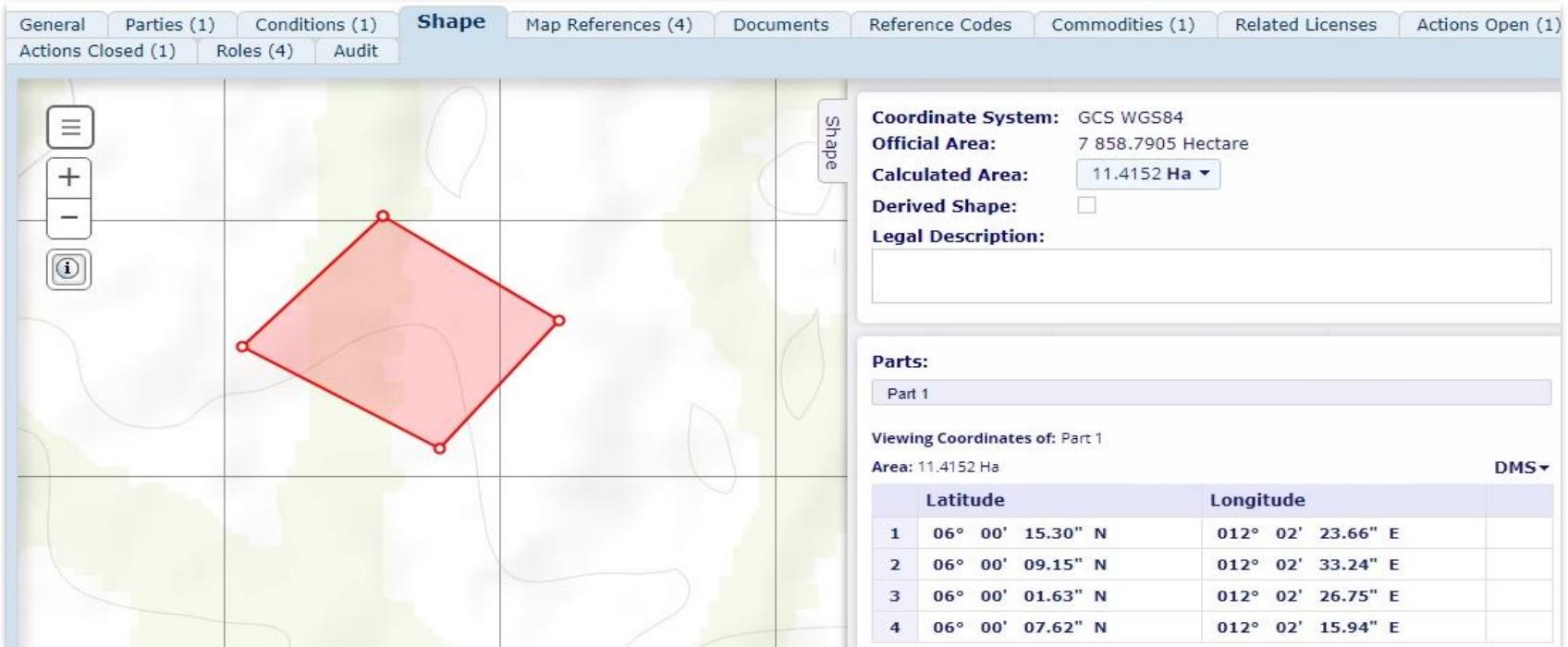
7,177,229 m -13,910,222 m



Shape Validation against Areas of Interest

Restricted Buffer Area around License

- Capture a license shape as normal on Shape tab



The screenshot displays a software interface with a map on the left and a data panel on the right. The map shows a red quadrilateral shape overlaid on a topographic map. The data panel on the right is titled 'Shape' and contains the following information:

Coordinate System: GCS WGS84
Official Area: 7 858.7905 Hectare
Calculated Area: 11.4152 Ha
Derived Shape:
Legal Description:

Parts:
Part 1

Viewing Coordinates of: Part 1
Area: 11.4152 Ha

	Latitude	Longitude	DMS
1	06° 00' 15.30" N	012° 02' 23.66" E	
2	06° 00' 09.15" N	012° 02' 33.24" E	
3	06° 00' 01.63" N	012° 02' 26.75" E	
4	06° 00' 07.62" N	012° 02' 15.94" E	

Restricted Buffer Area around License


- Add new license condition

General Parties (1) **Conditions** Shape (1) Map References (4) Documents Reference Codes Commodities (1)

Related Licenses Actions Open (1) Actions Closed (1) Roles (4) Audit

There are 1 conditions in the list.

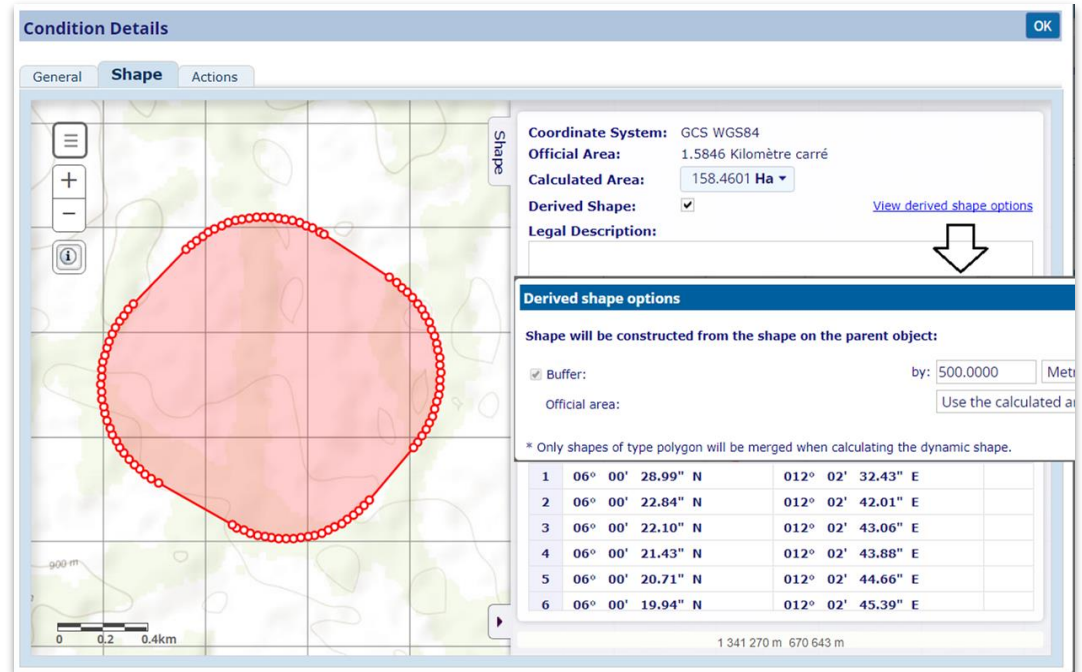
1

All	Map	Condition Type
<input type="checkbox"/>		PEC - Zone 500 m

1

Restricted Buffer Area around License

- Condition to have a 'Derived Shape' based on license shape with 500m buffer



Condition Details

General Shape Actions

Coordinate System: GCS WGS84
Official Area: 1.5846 Kilomètre carré
Calculated Area: 158.4601 Ha
Derived Shape: [View derived shape options](#)
Legal Description:

Derived shape options

Shape will be constructed from the shape on the parent object:

Buffer: by: 500.0000 Met
 Official area: Use the calculated area

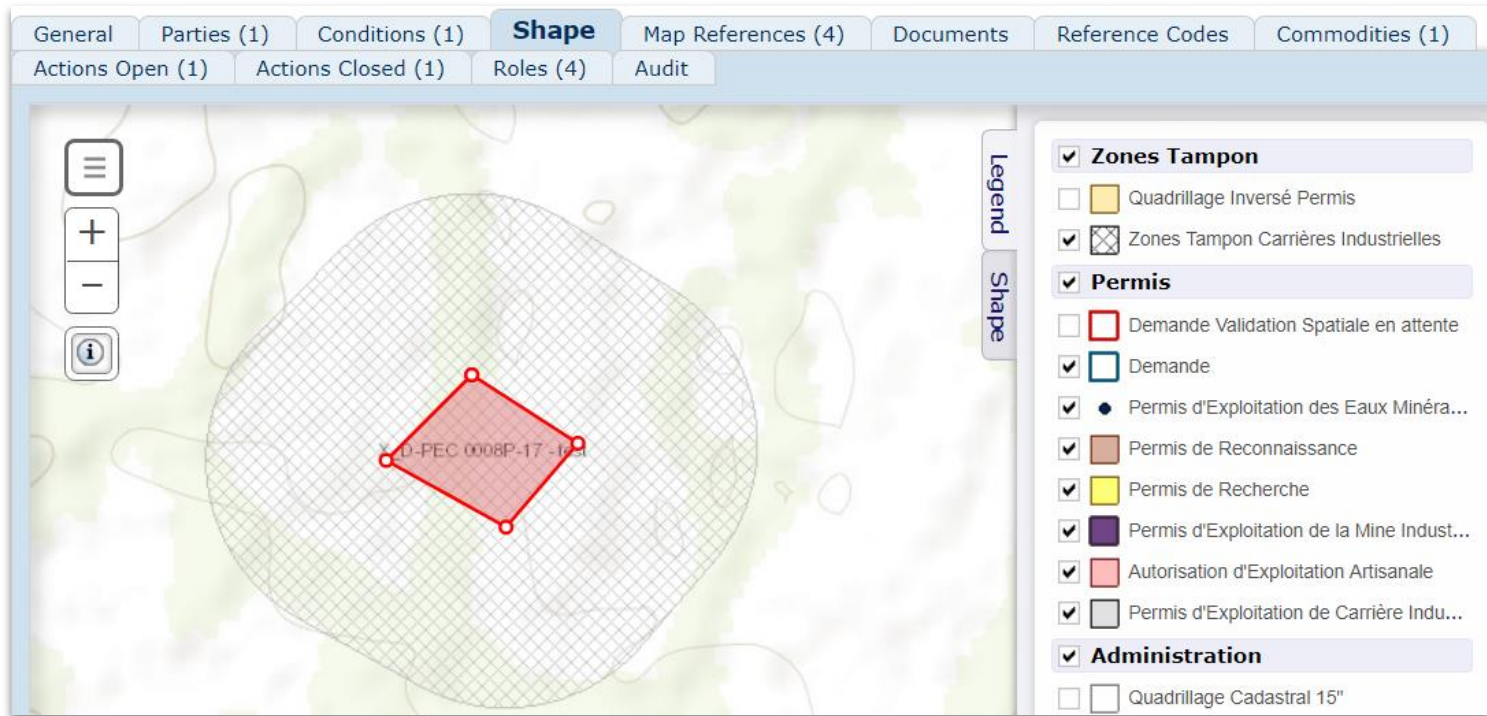
* Only shapes of type polygon will be merged when calculating the dynamic shape.

1	06° 00' 28.99" N	012° 02' 32.43" E	
2	06° 00' 22.84" N	012° 02' 42.01" E	
3	06° 00' 22.10" N	012° 02' 43.06" E	
4	06° 00' 21.43" N	012° 02' 43.88" E	
5	06° 00' 20.71" N	012° 02' 44.66" E	
6	06° 00' 19.94" N	012° 02' 45.39" E	

1 341 270 m 670 643 m

Restricted Buffer Area around License

- Add a layer in the map to display the Buffer Area



Restricted Buffer Area around License

- Create a restricted area layer which includes the buffer shapes on any Application or Active quarry licenses
- Configure Shape Validation actions to check for overlaps with this layer; (option to either show a warning or to clip the overlap)

Detect restricted area overlaps:

ADD

External Spatial Dataset	Name Field	Clip Overlap	Flag Type
Aires_Protégées	OBJECTID	<input type="checkbox"/>	Warning
Inverted_CountryBorder	OBJECTID	<input checked="" type="checkbox"/>	Restriction
500m PEC Buffer	Code	<input checked="" type="checkbox"/>	Restriction
Grid_Conversion_Buffer_Zone	Code	<input checked="" type="checkbox"/>	Restriction

Restricted Buffer Area around License

- New license application captured in the system

CH test 233 Submission Date:
 Status: Demande Validation Spatiale en attente

License Name: Grant Date:
 License Parties:

License Type: Permis d'Exploitation de Carrière Industrielle Expiry Date:
 Official Area: 19

< CONDITIONS Spatial CANCEL MAP REFERENCES >

Coordinate System: GCS WGS84

***Official Area:** 19.3731 [Copy Calculated Area](#)

Calculated Area: 19.3731 Ha

Derived Shape:

Legal Description:

Parts:

Part 1

Viewing Coordinates of: Part 1

Area: 19.3731 Ha DMS ▾

	Latitude	Longitude
1	06° 00' 18.74" N	012° 02' 53.94" E

1 340 892 m 669 173 m

Restricted Buffer Area around License

- Shape Validation run - overlaps with buffer area detected

Shape Validation

Validation Result Validation Shape Comparison Shape Result Shape Validation Shape Configuration Result Shape Configuration

Validation has been run

RUN VALIDATION

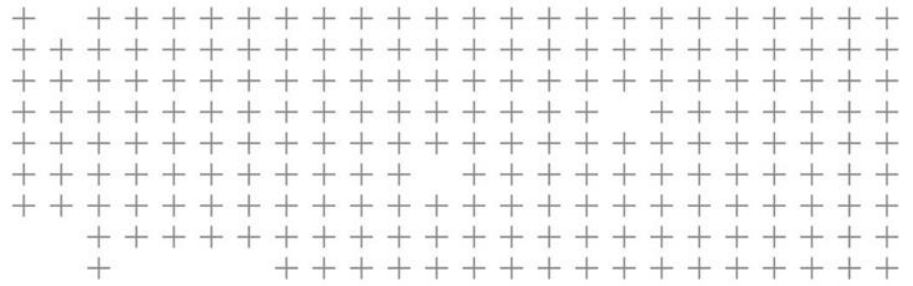
✖ The validation shape is: **Invalid**

Message

- ✔ Shape is not larger than maximum area (25.0000 Hectare)
- ✔ Shape overlaps 0 licenses
- ✖ Shape overlaps 1 restricted areas

The validation shape overlaps 1 restricted areas:

Name	External Spatial Dataset	Overlap	
✖ X_D-PEC 0008P-17 - test	500m PEC Buffer	0.0205 km ²	remove highlight



Polylines



Polylines



- New functionality recently developed to support polylines
- Lines captured as the License shape
 - Example: Oil and pipelines

Polylines

- The line can have multiple points

General Parties (1) **Shape** Map References (3) Documents Reference Codes Commodities Agreements Groups Related Licenses Actions Open Actions Closed Roles Discussions Audit

Coordinate System: Web_Mercator_Auxiliary_Sphere

Official Length: 1,752.3851 Kilometre [Copy Calculated Length](#)

Calculated Length: 1,752.3851 km

Legal Description:

Parts:

Part 1

Viewing Coordinates of: Part 1

Length: 1,752.3851 km

	North (y)	East (x)
1	7,088,611.75	-13,365,477.30
2	7,070,266.86	-13,386,268.18
3	7,062,928.91	-13,405,836.06
4	7,056,813.94	-13,457,201.74
5	7,055,590.95	-13,496,337.50
6	7,049,475.99	-13,573,386.02
7	7,042,138.03	-13,595,399.89
8	7,034,800.07	-13,628,428.60

6,021,958 m -12,760,137 m

Polylines

- System calculates the length of the line in different units

The screenshot shows a GIS application interface with a map of British Columbia, Canada. A red polyline is drawn across the map, starting near Prince Rupert and ending near Seattle. The interface includes a top menu bar with tabs like 'General', 'Parties (1)', 'Shape', 'Map References (3)', 'Documents', 'Reference Codes', 'Commodities', 'Agreements', 'Groups', 'Related Licenses', 'Actions Open', 'Actions Closed', 'Roles', 'Discussions', and 'Audit'. On the right side, a properties panel is open, displaying the following information:

- Coordinate System:** Web_Mercator_Auxiliary_Sphere
- Official Length:** 1,752.3851 Kilometre
- Calculated Length:** 1,752.3851 km
- Legend:**
 - ✓ 1,752.3851 Kilometre (km)
 - 5,745,524.983606552 Feet (ft)
 - 1,752,385.1200 Metre (m)
 - 1,095.2407 Mile (M)
- Parties:** Calculated in Web_Mercator_Auxiliary_Sphere
- Viewing Coordinates of:** Part 1
- Length:** 1,752.3851 km
- Table:**

	North (y)	East (x)
1	7,088,611.75	-13,365,477.30
2	7,070,266.86	-13,386,268.18
3	7,062,928.91	-13,405,836.06
4	7,056,813.94	-13,457,201.74
5	7,055,590.95	-13,496,337.50
6	7,049,475.99	-13,573,386.02
7	7,042,138.03	-13,595,399.89
8	7,034,800.00	-13,623,671.00

At the bottom of the properties panel, the coordinates 6,623,671 m -12,513,092 m are displayed. A scale bar at the bottom left of the map indicates 0, 100, and 200 km.

Polylines

- System is able to determine map references for the license based on the location of the line

TMP - Sec 250 License Name: Trans Mountain Pipeline - Sec 250 License Parties: Trimble Mining Inc. (100%)
License Type: Pipeline Status: Active Official Length:
Grant Date: Mar/20/2017 Expiry Date: Anniversary Date:

General Parties (1) Shape (1) **Map References** Documents Reference Codes Commodities Agreements Groups Related Licenses Actions Open Actions Closed Roles Discussions Audit

There are 3 map references in the list. [Determine map references](#)

Edit	All	Full Map Reference	Category	Map Reference	Abbreviation	In	Qualifier	Area	Area Percentage
	<input type="checkbox"/>	Canada	Country	Canada					
	<input type="checkbox"/>	Canada, British Columbia	Province	British Columbia	BC	Canada			
	<input type="checkbox"/>	Canada, British Columbia, Bulkley-Nechako	Municipality / District	Bulkley-Nechako	Bulkley-Nechako	British Columbia			



Polylines



- System is able to perform spatial validations using line features
 - Run shape validations on ‘line’ licenses
 - Check for number of parts
 - Check for overlaps with licenses and other restricted layers
 - Shape validations run on polygon licenses to check for overlaps with line licenses

Polylines

Shape Validation : Shape Validation

Action Discussions Audit

Created By: Demo: Shape Validation > Shape Validation
Due Date: 06-Feb-2018

Shape Validation

Validation Result Validation Shape Comparison Shape Result Shape Validation Shape Configuration Result Shape Configuration

Validation has been run

RUN VALIDATION

The validation shape is: **Invalid**

Message

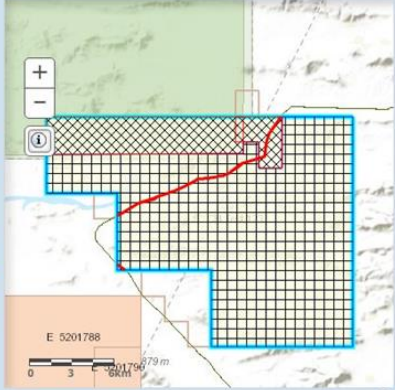
- Shape conforms to grid (Lat: 1 Minutes, Long: 1 Minutes)
- Shape overlaps 2 licenses
- Shape overlaps 1 restricted areas

The validation shape overlaps 2 licenses:

Code	Name	Type	Type Group	Status	Overlap	
E 4702496		EL	Tenements	Application	944.86 Ha	highlight
PL 97	West Angelas Petroleum (Gas) Pipeline and Stations	GB	Pipelines	Active	5.99 Ha	remove highlight

The validation shape overlaps 1 restricted areas:

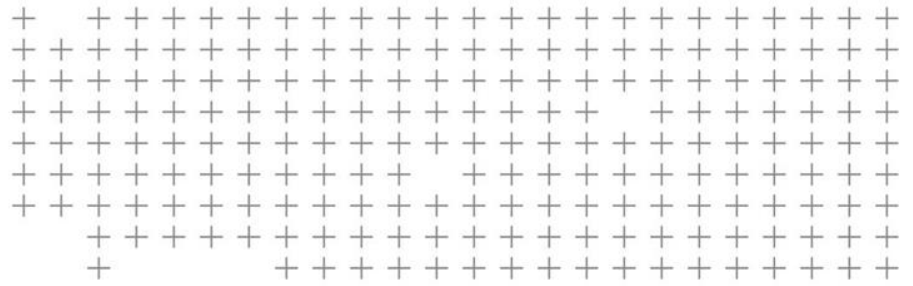
Name	External Spatial Dataset	Overlap	
Environmentally Sensitive Area	Australia_Protected_Areas	3,882.90 Ha	highlight



Map Legend

- Validation Shape
- Result Shape
- Overlaps or Problem Areas

E 5201788
0 3 6000 679 m



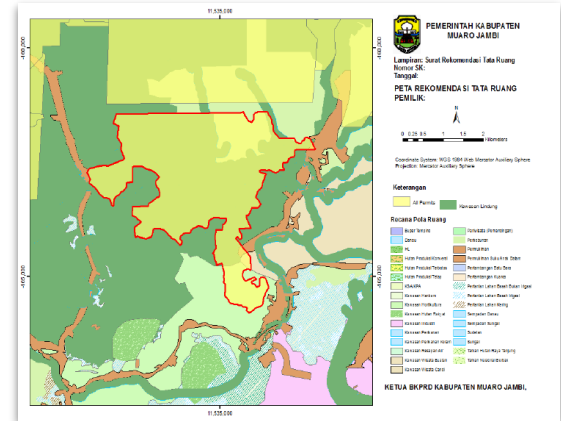
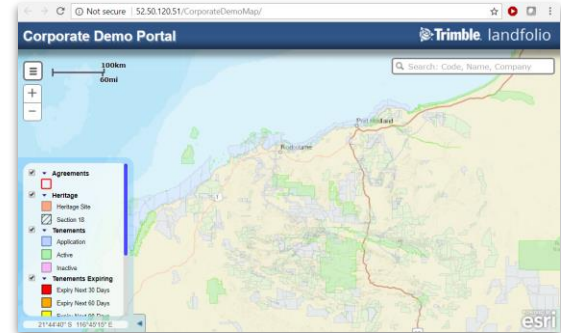
Getting the most out of the Maps

Getting the most out of the Maps

- Show how maps have been used to cater for specific client requirements
- Different tools / features used to enhance maps
- All maps have their contents/layout defined in an mxd file, created in ArcMap
- Utilize all the ArcMap formatting tools to create a nice base map
- Customized configuration to create specific reports etc

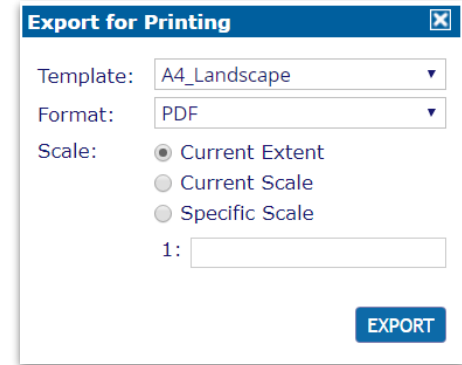
Getting the most out of the Maps

- Where are maps used?
 - Application Maps
 - Landfolio maps
 - View-only map portal
 - Online transaction portal
 - Maps in reports and documents
 - Word template reports
 - SSRS Reports
 - Map Print templates (generated directly from a map)



Map Print Templates

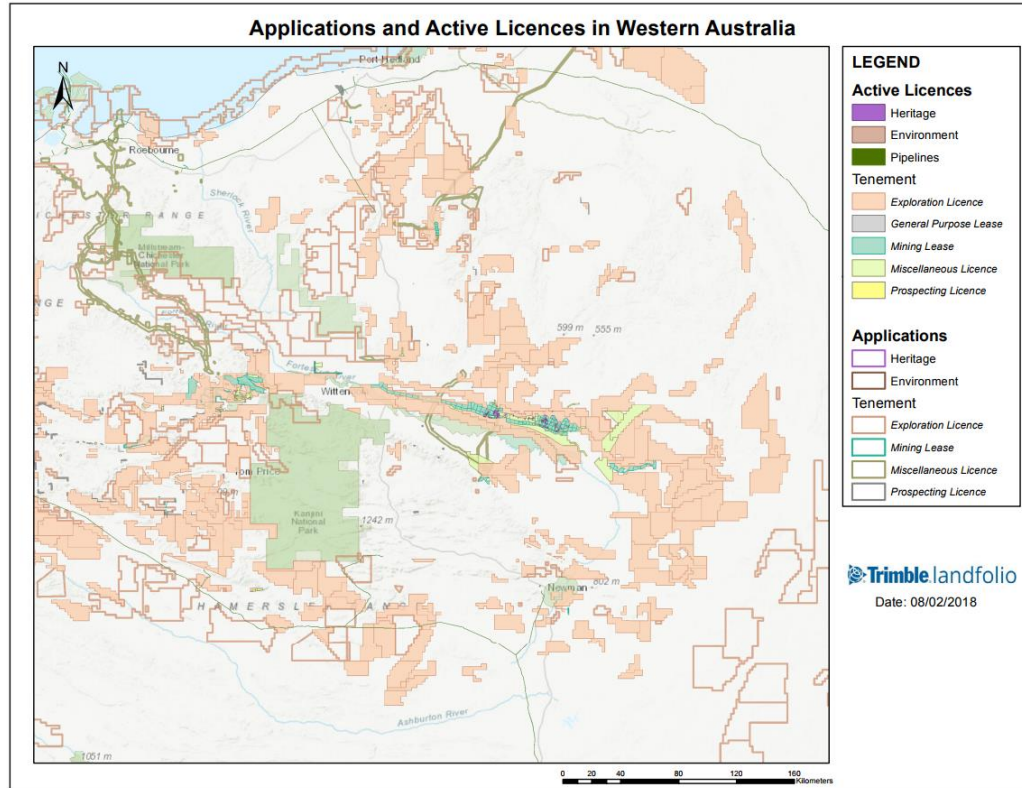
- Generated from the Maps in Landfolio
- Layout is defined in the template (.mxd)
 - Borders, North arrow, scale bar format, title, placement of legend, paper size and orientation
- The extent that map is to be printed at is defined in the Landfolio map, either:
 - Zoom to the required extend
 - Select an option in the printing options dialog to print at a selected scale



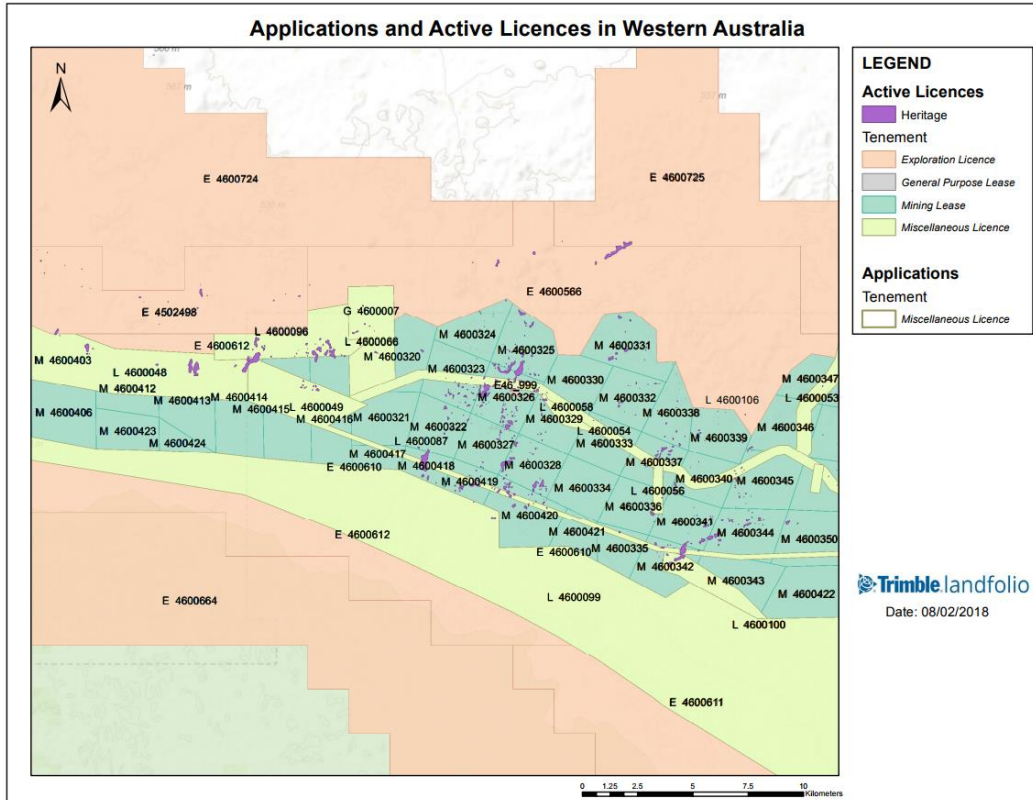
Map Print Templates

- For layers to include in the legend, the print template can be configured to either:
 - Only show layers for which data is visible at the current extent
 - Only show layers that are turned on in the Landfolio map
- > Single map print template can be used for multiple map printing requirements

Map Print Templates



Map Print Templates





SSRS License Reports



- SSRS report designed to highlight the shape of a selected license in a map
- Includes background layers as required
- Can includes a list of coordinates



Abidjan le 06/12/2016

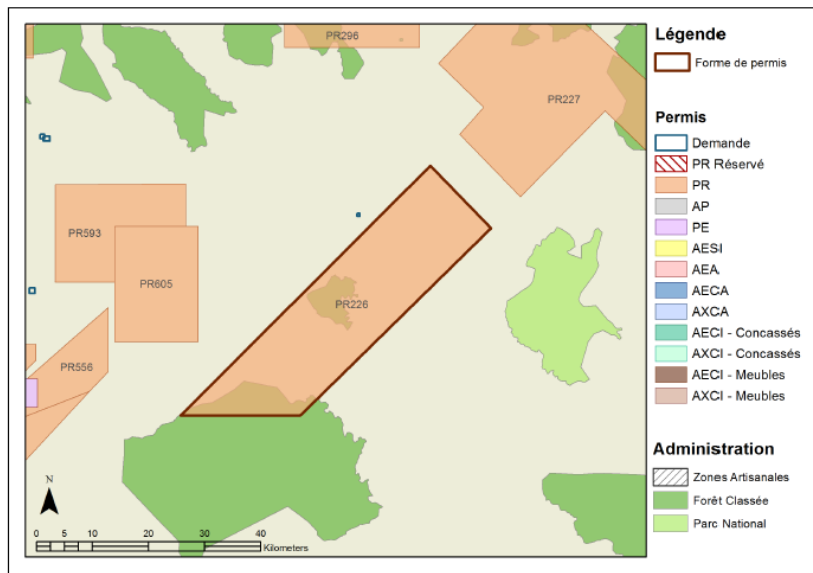
Détenteur de Permis: Tata Steel CI SA
Type de Permis: Permis de Recherches
Numéro de Demande: Checked
Code de Permis: PR226
Substance: Fer

Département: Bangolo, Bloléquin, Duekoue, Guiglo, Kouibly,
Man

Superficie: 811.0000 km²

Statut: Renouvellement en cours

Date de Soumission:
Date d'Octroi: 30/07/2009
Date de Fin de Validité: 27/08/2016
Date d' Renouvellement: 28/08/2014



Coordonnées géographiques pour PR226:

Partie	Points	Latitude	Longitude
Partie 1	1	7° 13' 45.00" N	7° 28' 00.00" O
Partie 1	2	7° 07' 50.00" N	7° 22' 10.00" O
Partie 1	3	6° 50' 00.00" N	7° 40' 30.00" O
Partie 1	4	6° 50' 00.00" N	7° 52' 00.00" O
Partie 1	5	7° 13' 45.00" N	7° 28' 00.00" O



Background Layers

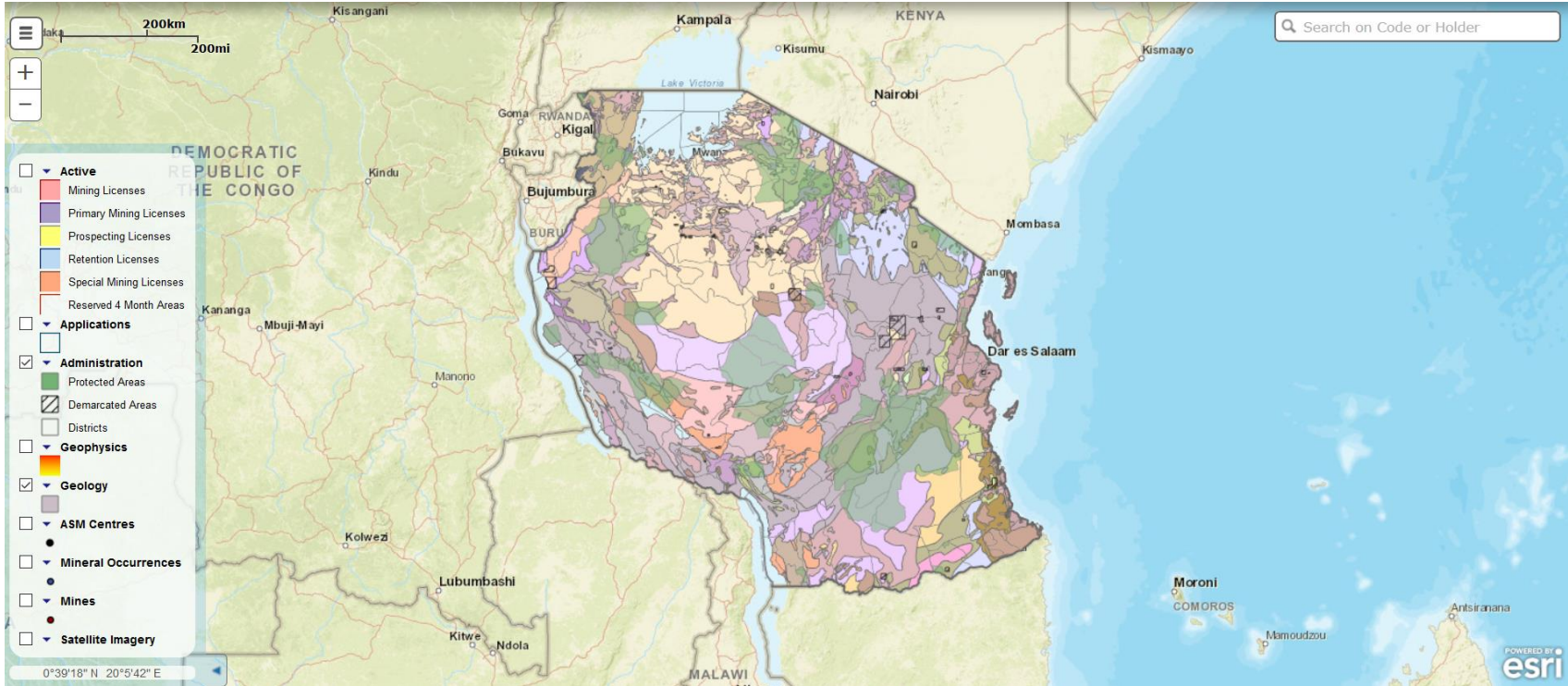


- Various background layers can be added to a map to enhance the visual appeal and usefulness of a map

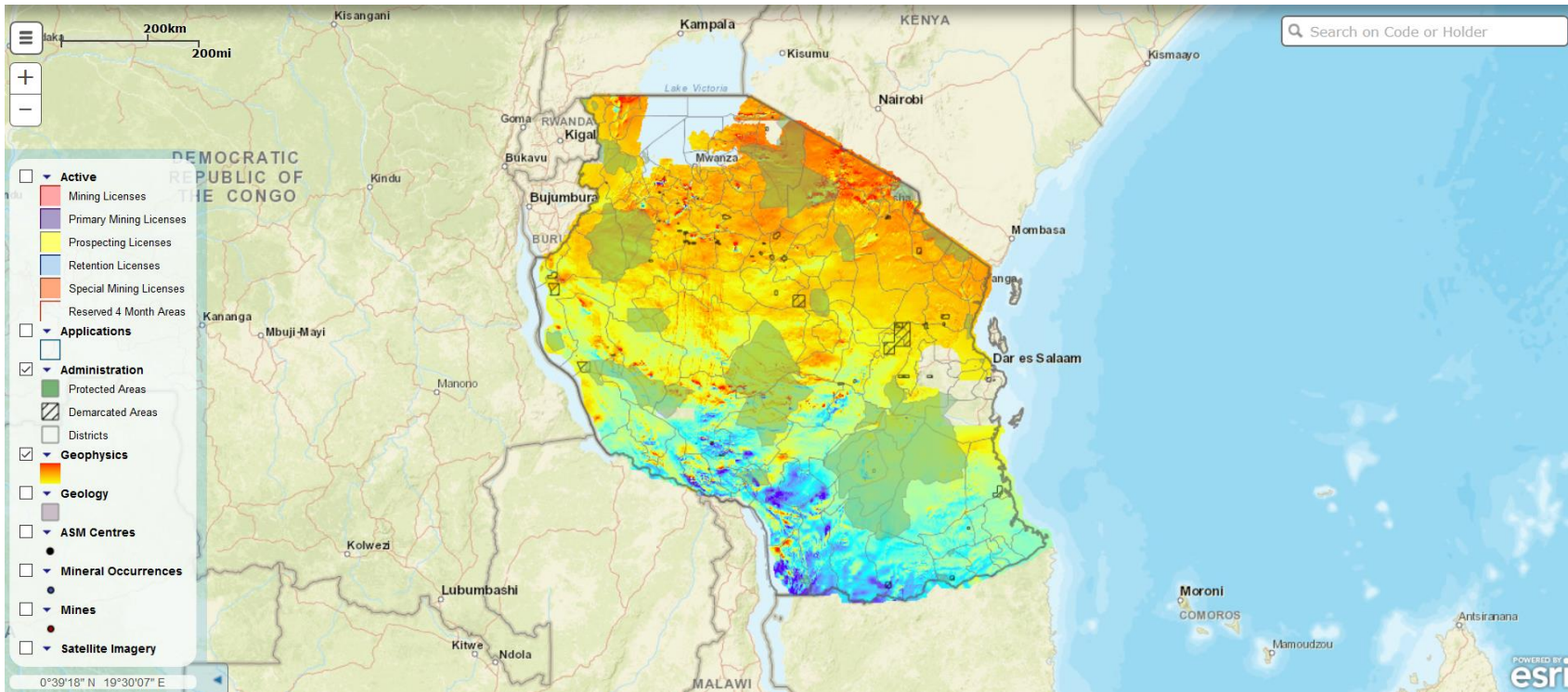
Examples of background layers in Map portals:

- Geological layer
 - Guinean Government
 - Tanzanian Government

Background Layers (Tanzania Government) - Geology



Background Layers (Tanzania Government) - Geophysics





The End



Thank-you!



Questions?