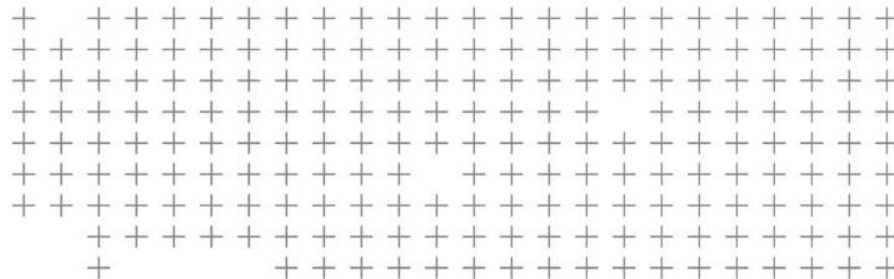




Banita Kassen and Makosha Satekge

Project Update : Uganda e-Gov Portal and some GIS tips & tricks



Maps



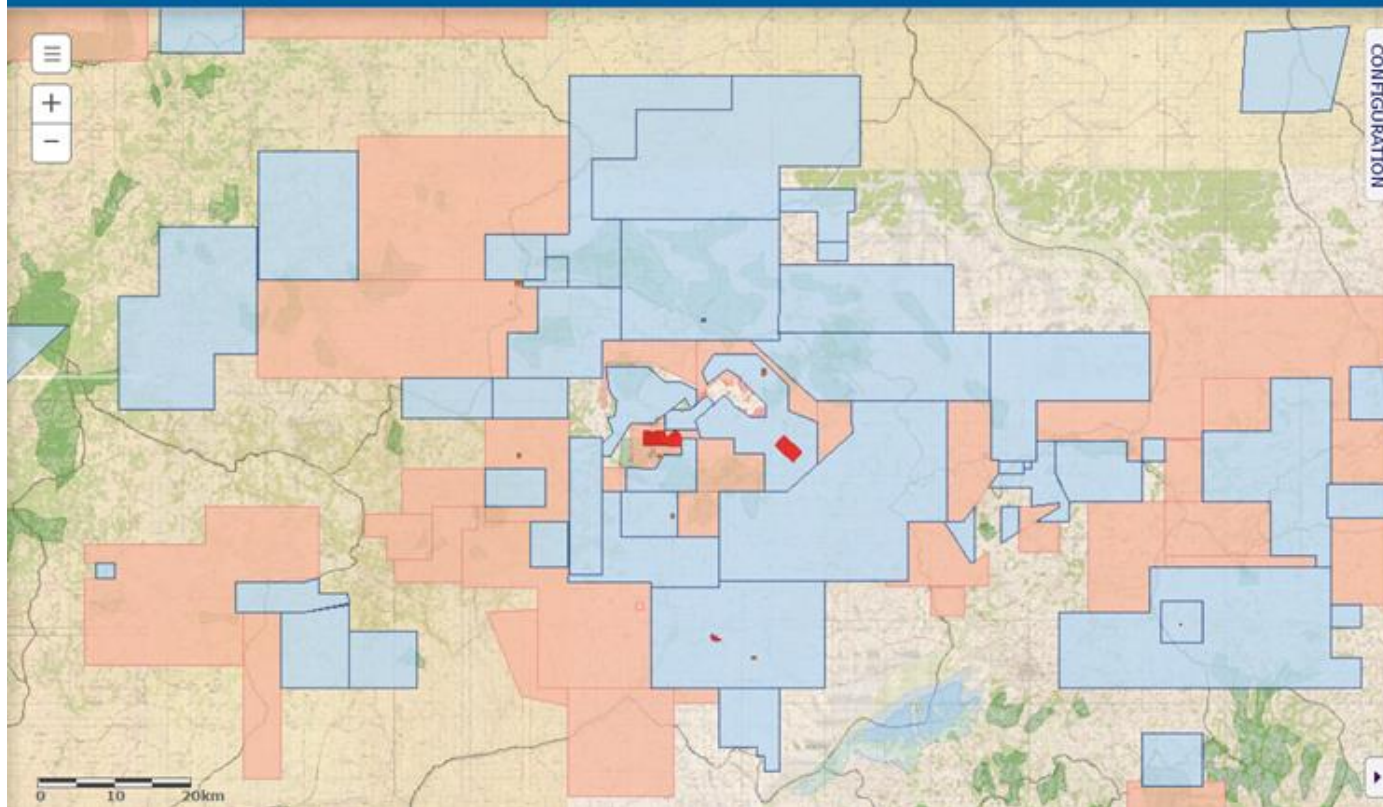
Creating a Map

- Maps are composed of map services



Creating a Map

- Step 1: Create .mxd
- Step 2: Publish .mxd to ArcGIS Server
- Step 3: Register map services in landfolio
- Step 4: Create map from map services



Map:
Uganda
Coordinate System:
UTM36N_Arc1960
Initial Extent: [Go to](#)

Map Services in Map:

Mineral Occurences
Gazette Area
Licenses
Geology
Administration
Topo Map

Available Map Services:



Creating a Map

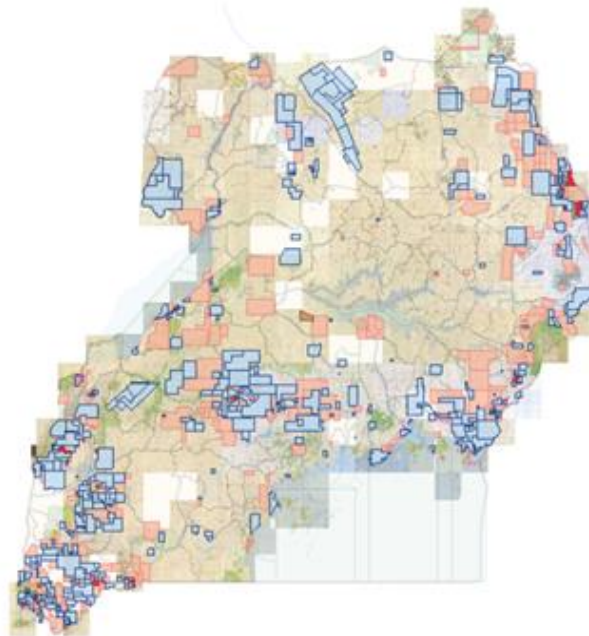


- Maps are composed of map services
 - Map services can be used in multiple maps
Rather than duplicating layers in multiple map services
 - Map services load separately
i.e. if one map service is slow to load, the other map services are not prevented from loading or displaying



Creating a Map

- Map service transparency and scale
- Map initial extent



0 50 100km












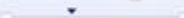


CONFIGURATION

Map:

Uganda

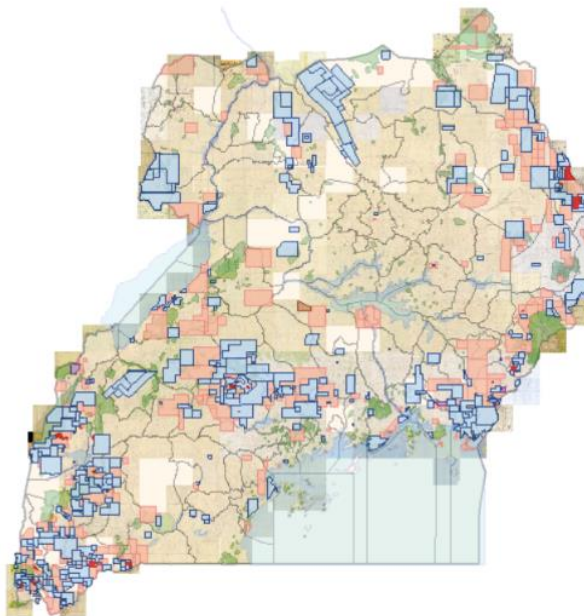
Coordinate System:

UTM36N_Arc1960Initial Extent: [Go to](#), [Use current extent](#)**Map Services in Map:**

- Mineral Occurrences  
- Gazette Area  
- Licenses  
- Geology  
- Administration  
- Transparency: 
- Scale Range: 
- Topo Map  

Available Map Services:

Search

[Home](#)
[Licenses](#)
[Exploration](#)
[Location](#)
[Mining](#)
[Other](#)
[Agreements](#)
[Actions](#)
[Maps](#)
[Reports](#)
[Documents](#)
[Companies](#)
[People](#)
[My Settings](#)
[Admin Tools](#)
[Help](#)


0 50 100km

Legend

Search

Select

Measure

Shape

☒ Mineral Occurences

☒ Gazette Area

☒ Licenses

☒ Active Licences

☒ Mining Leases

☒ Location Licenses

☒ Exploration Licenses

☒ Retention Licenses

☒ Applications

☐ Inactive Licences

☐ All Licences

☒ Geology

☒ Administration

☒ Topo Map

283,233 m -252,053 m

Search

Home
Licenses
Exploration
Location
Mining
Other
Agreements
Actions
Maps
Reports
Documents
Companies
People
My Settings
Admin Tools
Help



0 50 100km

Legend Search **Select** Measure Shape

☒ Mineral Occurrences

☒ Gazette Area

☒ Licenses

☒ Active Licences

☒ Mining Leases

☒ Location Licences

☒ Exploration Licences

☒ Retention Licences

☒ Applications

☐ Inactive Licences

☐ All Licences

☒ Geology

☒ Administration

☒ Topo Map

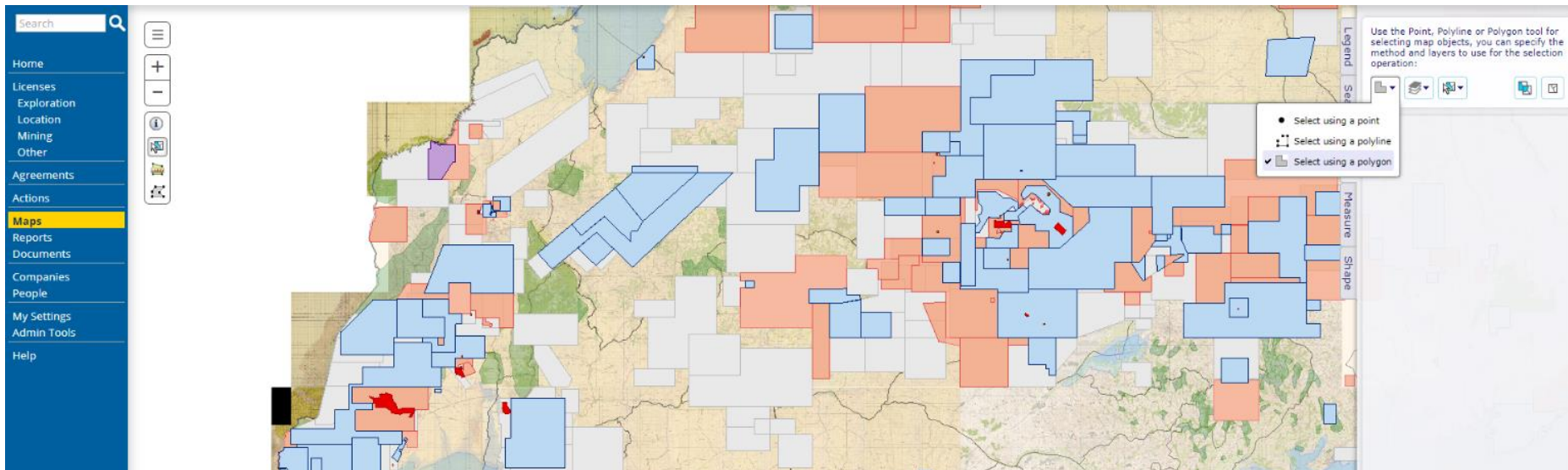
283,233 m -252,053 m



Selecting Features by Drawing on Map

- Draw over area of interest
 - Overlapping features will be selected
 - Details of selected features will be displayed in Selection Results panel
 - Results can be viewed in License List interface
-
- Useful when licenses have no common attribute their besides location. Example: licenses over and around a park.

How would you like to select features?



Which layers would you like to select from?

The screenshot displays a web-based map application. On the left is a dark blue sidebar menu with a search bar at the top. The menu items are: Home, Licenses (with sub-items: Exploration, Location, Mining, Other), Agreements, Actions, **Maps** (highlighted in yellow), Reports, Documents, Companies, People, My Settings, Admin Tools, and Help. The main map area shows a geographical view with numerous land parcels outlined in black. Some parcels are filled with light blue, while others are light orange. A few small red parcels are also visible. On the right side of the map, there is a legend panel. At the top of the legend, it says: "Use the Point, Polyline or Polygon tool for selecting map objects, you can specify the method and layers to use for the selection operation:". Below this are icons for selection tools. The legend is organized into three sections: "Test Licenses" with four checked items (Mining Leases, Location Licenses, Exploration Licenses, Retention Licenses) and one unchecked item (Applications); "Gazette Area" with one unchecked item (Available); and "Administration" with five unchecked items (Kirwa Wofram Mine, Forests, Parks, Regions, Districts, and Parishes).

Search

Home

Licenses

- Exploration
- Location
- Mining
- Other

Agreements

Actions

Maps

- Reports
- Documents

Companies

People

My Settings

Admin Tools

Help

Legend

Use the Point, Polyline or Polygon tool for selecting map objects, you can specify the method and layers to use for the selection operation:

Test Licenses

- ☒ Mining Leases
- ☒ Location Licenses
- ☒ Exploration Licenses
- ☒ Retention Licenses
- ☐ Applications

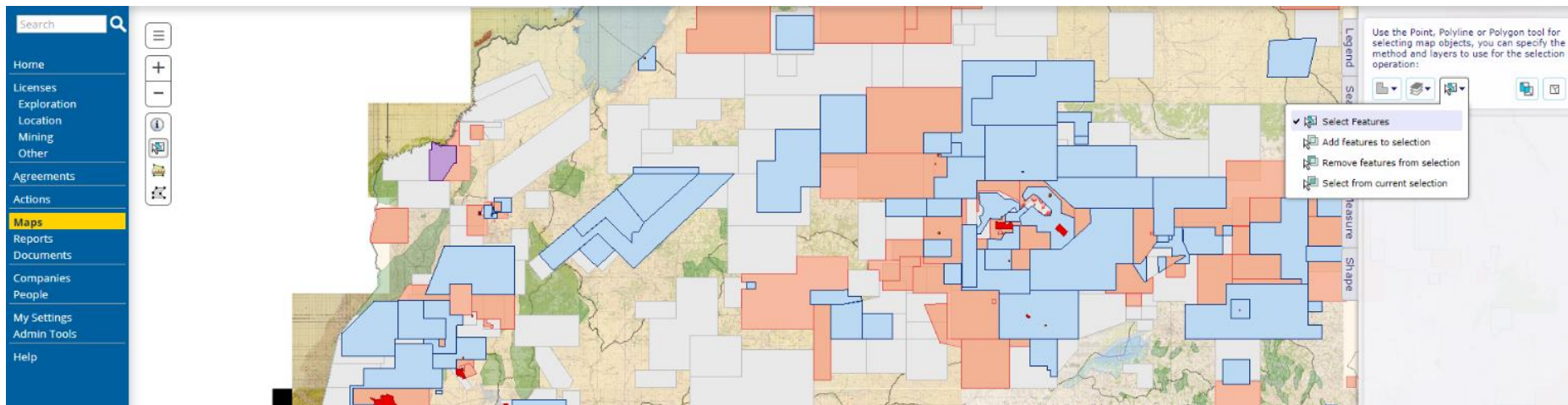
Gazette Area

- ☐ Available

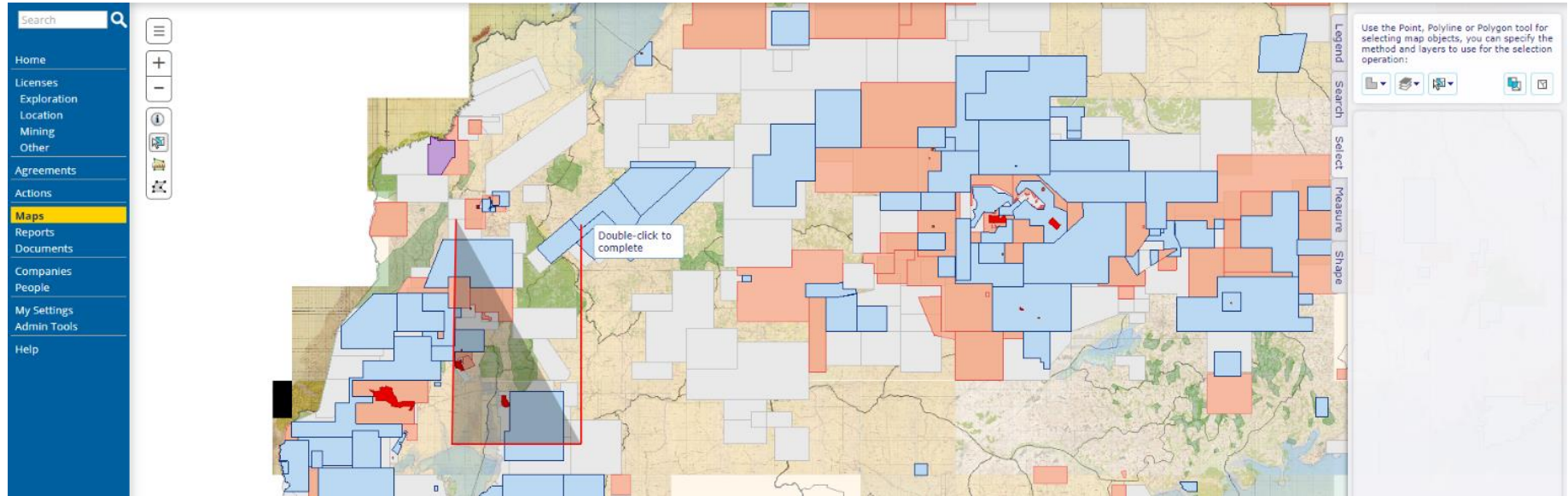
Administration

- ☐ Kirwa Wofram Mine
- ☐ Forests
- ☐ Parks
- ☐ Regions
- ☐ Districts
- ☐ Parishes

Would you like to add or remove features?



Define Area of Interest



Viewing selected features in the license list

The screenshot displays a web-based application interface for managing mining licenses. On the left is a blue sidebar with a search bar and a navigation menu. The main area shows a map of a region with various colored polygons representing different types of licenses. A red circle highlights a specific area on the map. On the right, a panel titled 'Mining Licenses (4)' is open, showing a list of selected features with their IDs and names. Below this, there are sections for 'Location Licenses (2)', 'Exploration Licenses (7)', and 'Applications (10)', each with a list of items and their status.

Search

Home

Licenses

Exploration

Location

Mining

Other

Agreements

Actions

Maps

Reports

Documents

Companies

People

My Settings

Admin Tools

Help

Mining Licenses (4)

ML0248
Hima Cement Limited
RL
View in License list
View in Action list

ML0706
Hima Cement Limited
RL
View in Document list
Remove from selection
Add to shape
Remove from shape

ML1110
Hima Cement Limited
RL

ML2432
TIBET HIMA MINING CO. LIMITED (100%)
RL
Active

Location Licenses (2)

LL0674
Loading Avari Development Enterprises
Limited (100%)
LL
Active

LL1533
Optima Mines & Minerals Ltd (100%)
LL
Pending Renewal

Exploration Licenses (7)

EL1362
ASKL MINERAL PROSPECTORS LTD (100%)
EL
Pending Renewal

EL1660
ASKL MINERAL PROSPECTORS LTD
EL
Active

EL1673
Beta Minerals Limited
EL
Active

EL1735
Olympic Minerals Limited
EL
Active

EL1737
Olympic Minerals Limited
EL
Active

EL1844
Santa Mines and Minerals Uganda Limited
EL
Active

EL1881
Access Mining Uganda SMC Limited
EL
Active

Applications (10)

0 10 20km

TRANSFORMING THE WAY THE WORLD WORKS

Trimble

Viewing selected features in the license list

Search

Q

Licenses > Search

New Search

Home

Licenses

Exploration

Location

Mining

Other

Agreements

Actions

Maps

Reports

Documents

Companies

People

My Settings

Admin Tools

Help

Code:

Name:

Party:

Jurisdiction:

Type Group:

Type:

Status Group:

Status:

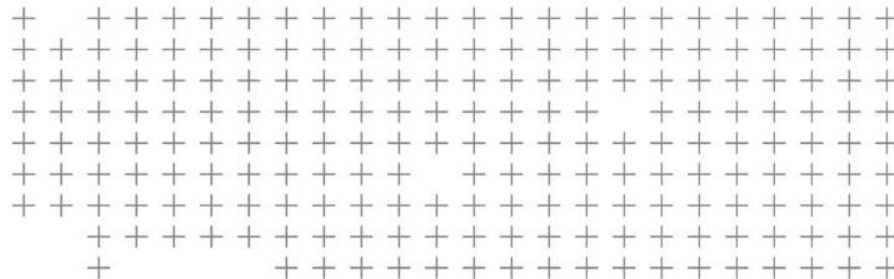
Saved Searches:

SEARCH

more...

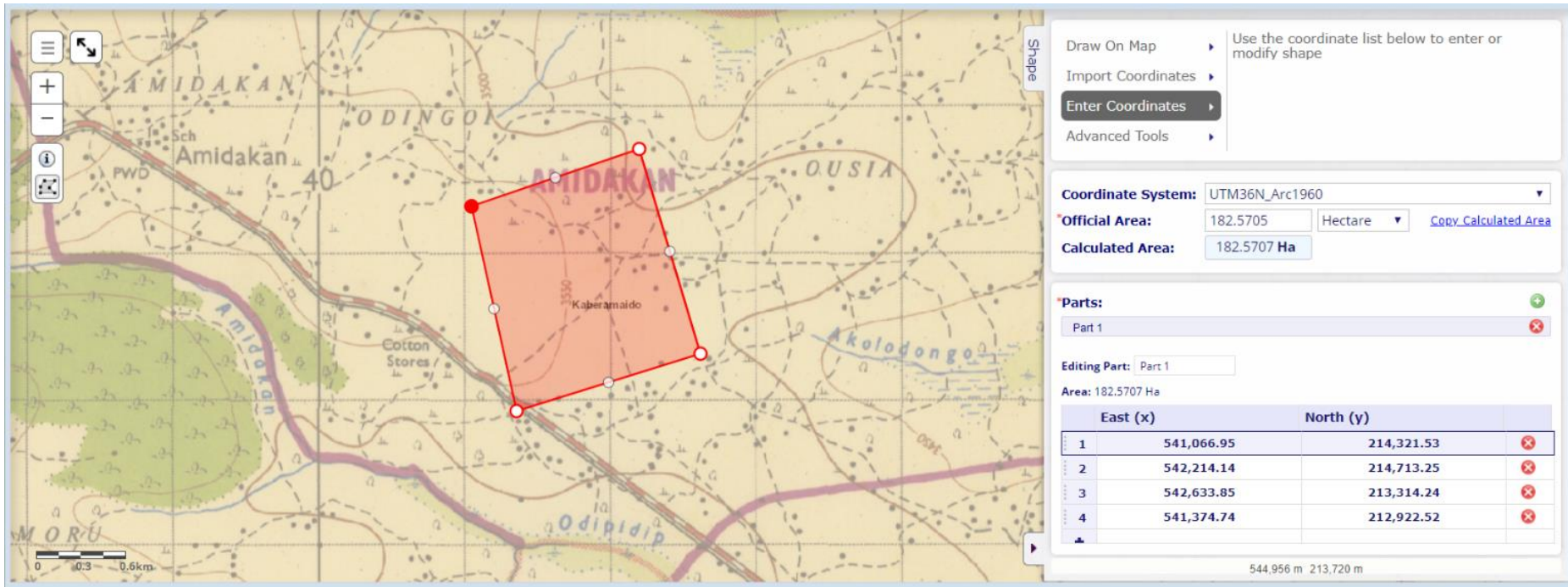
Search returned 4 results (10.3724 Km² ↕)

All	Map	Code	Parties	Type	Commodities	Status Group	Status	Application Date	Grant Date	Expiry Date	Renewal Period	Area	Licenses	Comments	Map Reference
<input type="checkbox"/>		ML0248	Hima Cement Limited (100%)	ML	Limestone	Active	Active		02/10/2007	01/10/2028	0	536.3932 Ha			Western Region, Kamwenge
<input type="checkbox"/>		ML0706	Hima Cement Limited (100%)	ML	Limestone	Active	Active		01/12/2010	30/11/2031	0	0.5411 Km²			Western Region, Kasese
<input type="checkbox"/>		ML1110	Hima Cement Limited (100%)	ML	Limestone	Active	Active	04/09/2012 10:15:13	13/03/2013	12/03/2034		4.1221 Km²	1		Western Region, Kasese
<input type="checkbox"/>		ML2433	TIBET HIMA MINING CO. LIMITED (100%)	ML	Limestone	Active	Active	23/05/1996 15:34:55	08/08/1997	07/08/2018		34.5300 Ha	1	prepare revocation gazette	Western Region, Kasese



New Editing Functionality

Tips for Entering Coordinates



The screenshot displays a web-based mapping application. On the left, a map shows a region with labels like 'AMIDAKAN', 'ODINGOK', 'OUSIA', 'Kaperamaldo', 'Akolodongo', and 'Odidiidip'. A red polygon is drawn on the map, with vertices marked by red dots. A sidebar on the right contains a 'Shape' menu with options: 'Draw On Map', 'Import Coordinates', 'Enter Coordinates' (highlighted), and 'Advanced Tools'. Below this, the 'Coordinate System' is set to 'UTM36N_Arc1960'. The 'Official Area' is 182.5705 Hectare, and the 'Calculated Area' is 182.5707 Ha. A 'Parts' section shows 'Part 1' with a table of coordinates. At the bottom right, the coordinates '544,956 m 213,720 m' are displayed.

Shape

- Draw On Map
- Import Coordinates
- Enter Coordinates**
- Advanced Tools

Use the coordinate list below to enter or modify shape

Coordinate System: UTM36N_Arc1960

Official Area: 182.5705 Hectare [Copy Calculated Area](#)

Calculated Area: 182.5707 Ha

Parts:

Part 1

Editing Part: Part 1

Area: 182.5707 Ha

	East (x)	North (y)	
1	541,066.95	214,321.53	✖
2	542,214.14	214,713.25	✖
3	542,633.85	213,314.24	✖
4	541,374.74	212,922.52	✖

544,956 m 213,720 m

Tips for Entering Coordinates

- Tab to move to the next field
- Click on the + button to add a new line, copies coordinates from previous line
- Dragging points up and down in the coordinates list, changes vertice order
- Creating new points on the map
- Adjusting location of existing points



Tips for Entering Coordinates

The screenshot displays a map interface with a red polygon overlaid on a topographic map. The sidebar on the right contains the following elements:

- Shape** (vertical label)
- Draw On Map** (with a right arrow)
- Import Coordinates** (with a right arrow)
- Enter Coordinates** (highlighted with a dark background and a right arrow)
- Advanced Tools** (with a right arrow)
- Use the coordinate list below to enter or modify shape**

Coordinate System: UTM36N_Arc1960

Official Area: 182.5705 Square Kilometers [Copy Calculated Area](#)

Calculated Area: 48.7499 Km²

Parts: (with a green plus icon)

Part 1 (with a red X icon)

Editing Part: Part 1

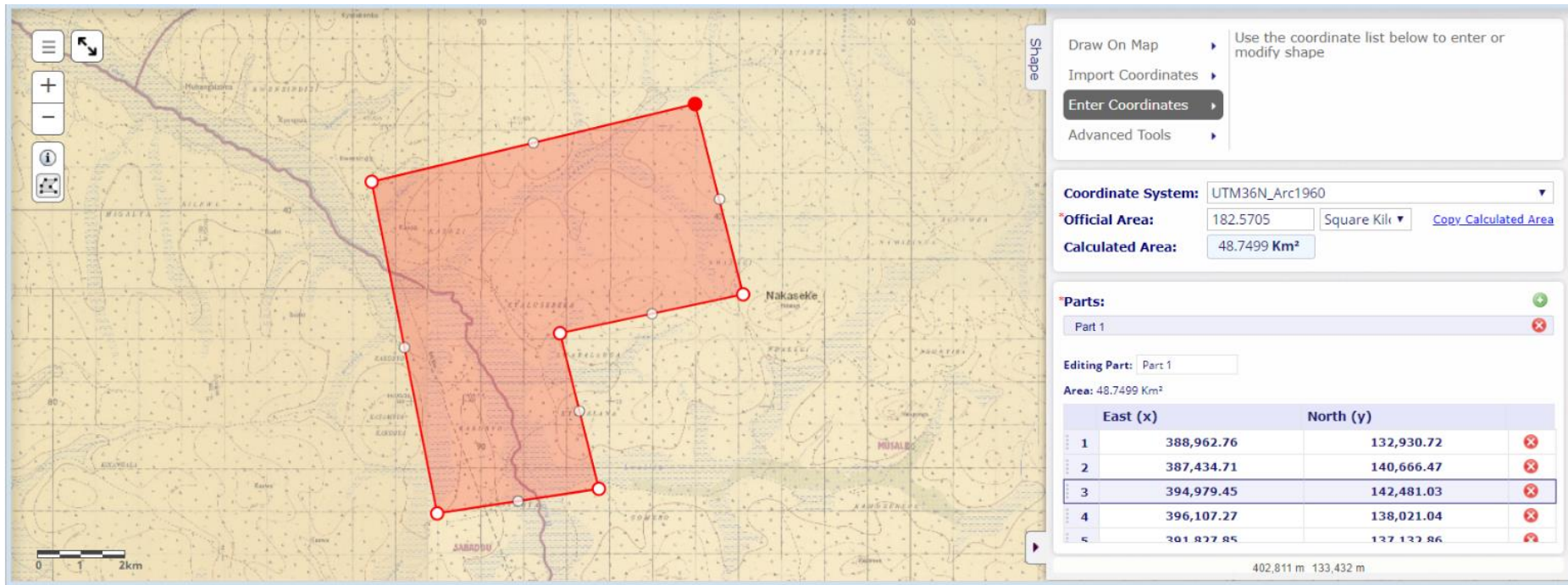
Area: 48.7499 Km²

	East (x)	North (y)	
3	394,979.45	142,481.03	✖
4	396,107.27	138,021.04	✖
5	391,827.85	137,132.86	✖
6	392,734.18	133,507.53	✖

+ (highlighted with a red box)

401,020 m 134,316 m

Tips for Entering Coordinates



The screenshot displays a map interface with a red polygon overlaid on a topographic map. The sidebar on the right contains the following sections:

- Draw On Map**: Use the coordinate list below to enter or modify shape
- Import Coordinates**
- Enter Coordinates** (highlighted)
- Advanced Tools**

Coordinate System: UTM36N_Arc1960

***Official Area:** 182.5705 Square Kilometers [Copy Calculated Area](#)

Calculated Area: 48.7499 Km²

***Parts:** Part 1

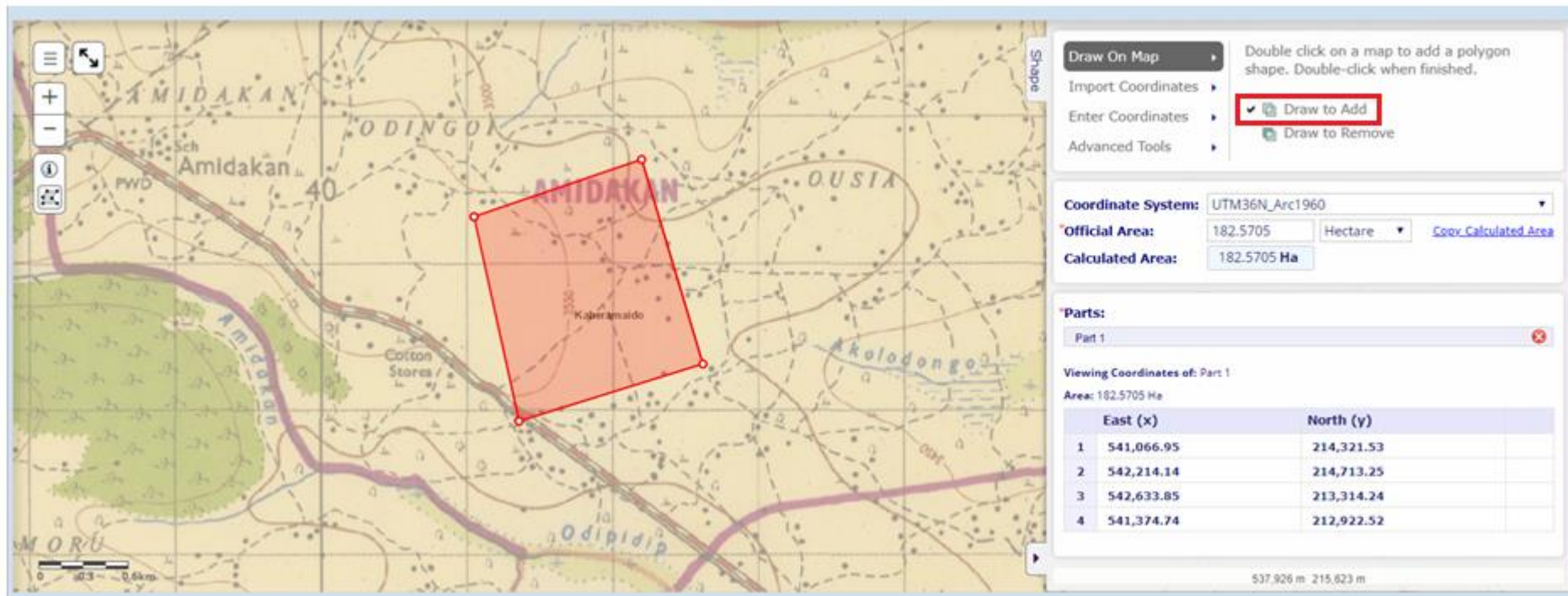
Editing Part: Part 1

Area: 48.7499 Km²

	East (x)	North (y)	
1	388,962.76	132,930.72	✖
2	387,434.71	140,666.47	✖
3	394,979.45	142,481.03	✖
4	396,107.27	138,021.04	✖
5	381,827.85	132,132.86	✖

402,811 m 133,432 m

Tips for Drawing on Map



Draw On Map ▸ Double click on a map to add a polygon shape. Double-click when finished.

Import Coordinates ▸

Enter Coordinates ▸ ☒ Draw to Add ☐ Draw to Remove

Advanced Tools ▸

Coordinate System: UTM36N_Arc1960 ▾

Official Area: 182.5705 Hectare ▾ [Conv. Calculated Area](#)

Calculated Area: 182.5705 Ha

Parts:

Part 1 ✕

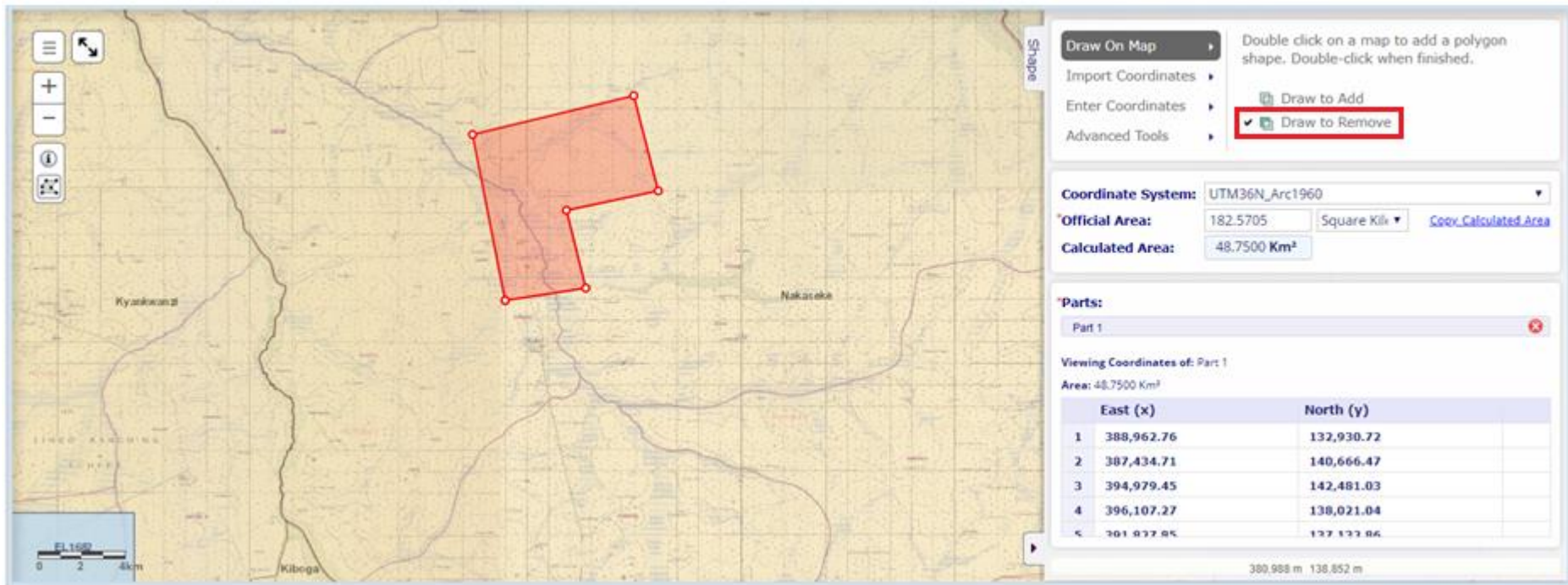
Viewing Coordinates of: Part 1

Area: 182.5705 Ha

	East (x)	North (y)
1	541,066.95	214,321.53
2	542,214.14	214,713.25
3	542,633.85	213,314.24
4	541,374.74	212,922.52

537,926 m 215,623 m

Tips for Removing Coordinates by Drawing on Map



The screenshot displays the Trimble software interface. On the left, a map shows a red polygon drawn over a geographical area. The sidebar on the right contains the following sections:

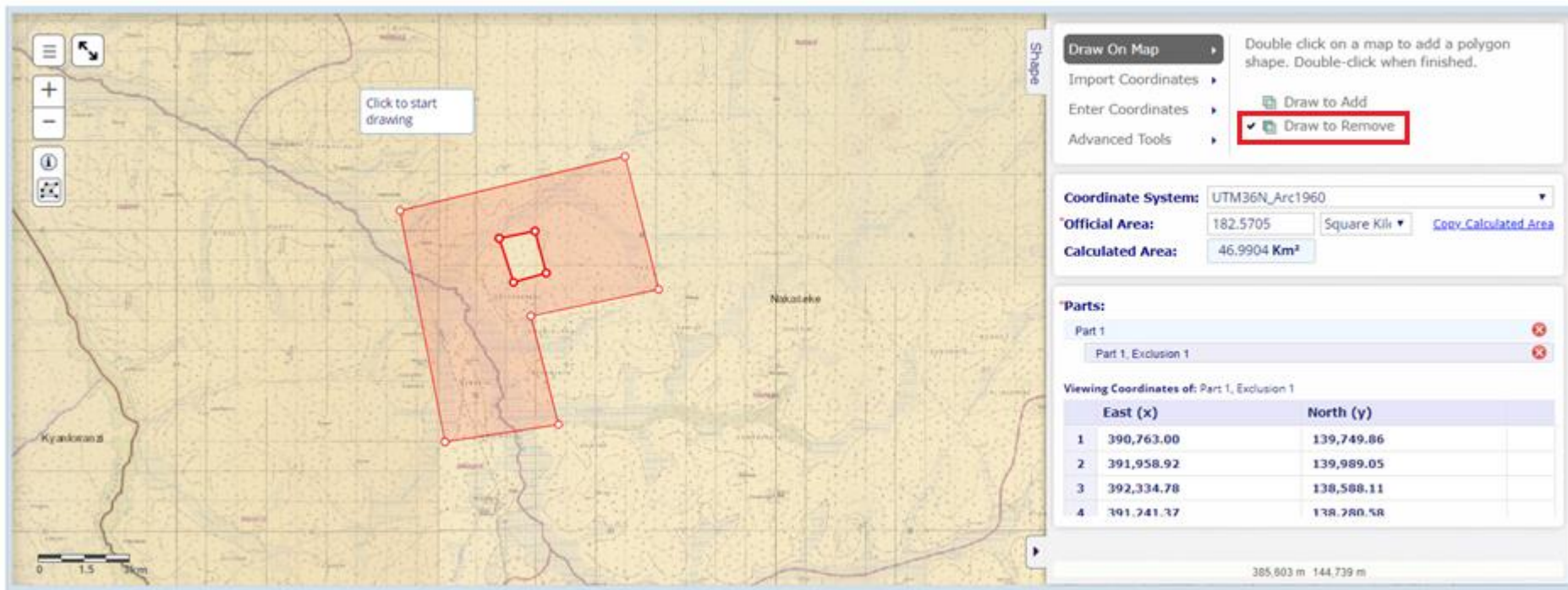
- Draw On Map**: Includes options for 'Import Coordinates', 'Enter Coordinates', and 'Advanced Tools'. The 'Draw to Remove' option is highlighted with a red box.
- Coordinate System**: Set to 'UTM36N_Arc1960'.
- Official Area**: 182.5705 Square Kilometers.
- Calculated Area**: 48.7500 Km².
- Parts**: A list of parts, with 'Part 1' selected.
- Viewing Coordinates of: Part 1**: A table showing the coordinates for Part 1.

The table below shows the coordinates for Part 1:

	East (x)	North (y)
1	388,962.76	132,930.72
2	387,434.71	140,666.47
3	394,979.45	142,481.03
4	396,107.27	138,021.04
5	381,077.85	137,133.86

At the bottom right, the coordinates 380,988 m 138,852 m are displayed.

Tips for Adding Exclusion Areas by Drawing on Map



Click to start drawing

Shape

Draw On Map ▸ Double click on a map to add a polygon shape. Double-click when finished.

Import Coordinates ▸

Enter Coordinates ▸

Advanced Tools ▸ ☒ Draw to Add ☒ Draw to Remove

Coordinate System: UTM36N_Arc1960 ▾

Official Area: 182.5705 Square Kilometers [Copy Calculated Area](#)

Calculated Area: 46,9904 Km²

Parts:

Part 1

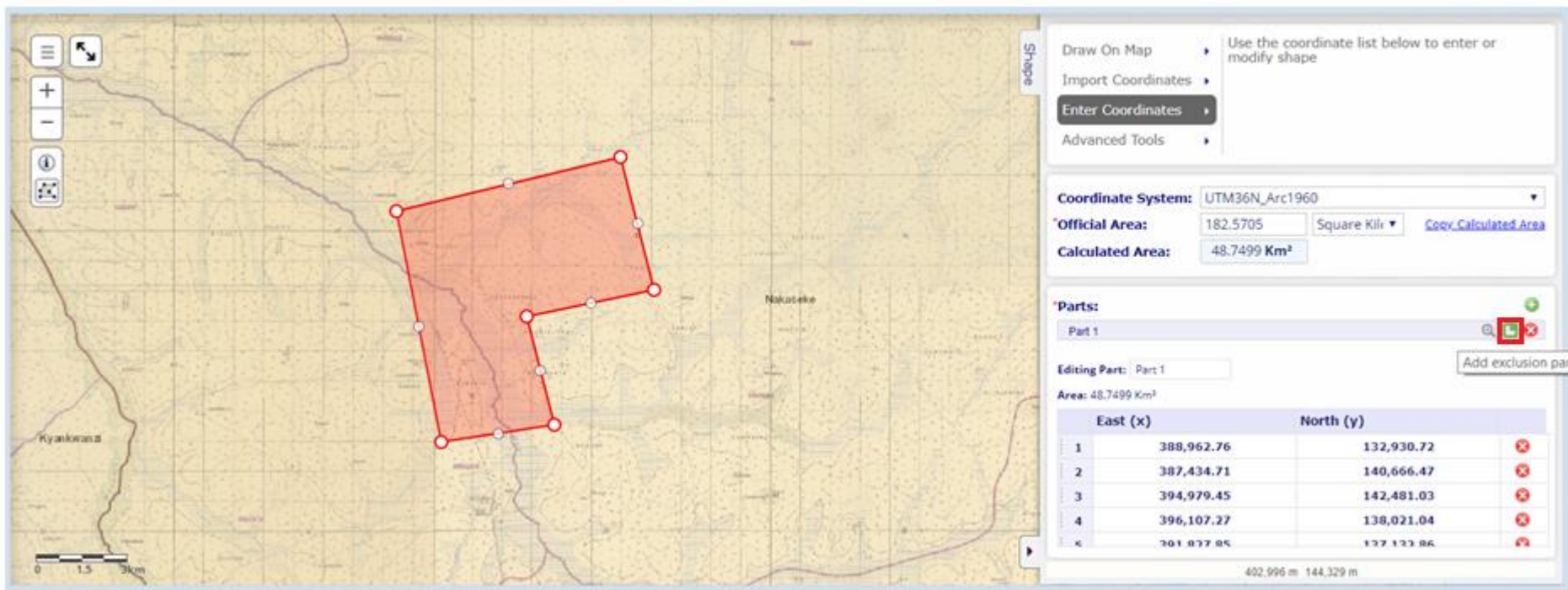
Part 1, Exclusion 1

Viewing Coordinates of: Part 1, Exclusion 1

	East (x)	North (y)
1	390,763.00	139,749.86
2	391,958.92	139,989.05
3	392,334.78	138,588.11
4	391,241.37	138,780.58

385,603 m 144,739 m

Tips for Adding Exclusion Areas by Entering Coordinates



The screenshot displays the Trimble software interface for managing exclusion areas. On the left, a map shows a red-shaded exclusion area with vertices marked by red dots. The right-hand panel contains the following information:

- Shape Tools:** Draw On Map, Import Coordinates, **Enter Coordinates** (highlighted), and Advanced Tools.
- Coordinate System:** UTM36N_Arc1960.
- Official Area:** 182.5705 Square Kilometers. A link for [Copy Calculated Area](#) is provided.
- Calculated Area:** 48.7499 Km².
- Parts:** A list showing 'Part 1' with a red 'X' icon and a button labeled 'Add exclusion part'.
- Editing Part:** Part 1.
- Area:** 48.7499 Km².
- Coordinate Table:**

	East (x)	North (y)	
1	388,962.76	132,930.72	X
2	387,434.71	140,666.47	X
3	394,979.45	142,481.03	X
4	396,107.27	138,021.04	X
K	301,877.85	137,123.86	X

At the bottom right of the panel, the coordinates 402,996 m 144,329 m are displayed.



Reproject to particular coordinate system

License Type Name: **Exploration License**

General

Workflows

Documents

Coordinate Systems

Reference Points

Code Settings

Date Calculations

Map References

Reference Codes

Document Types

Commodities

Status

Field Settings

Structured Data Nodes

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

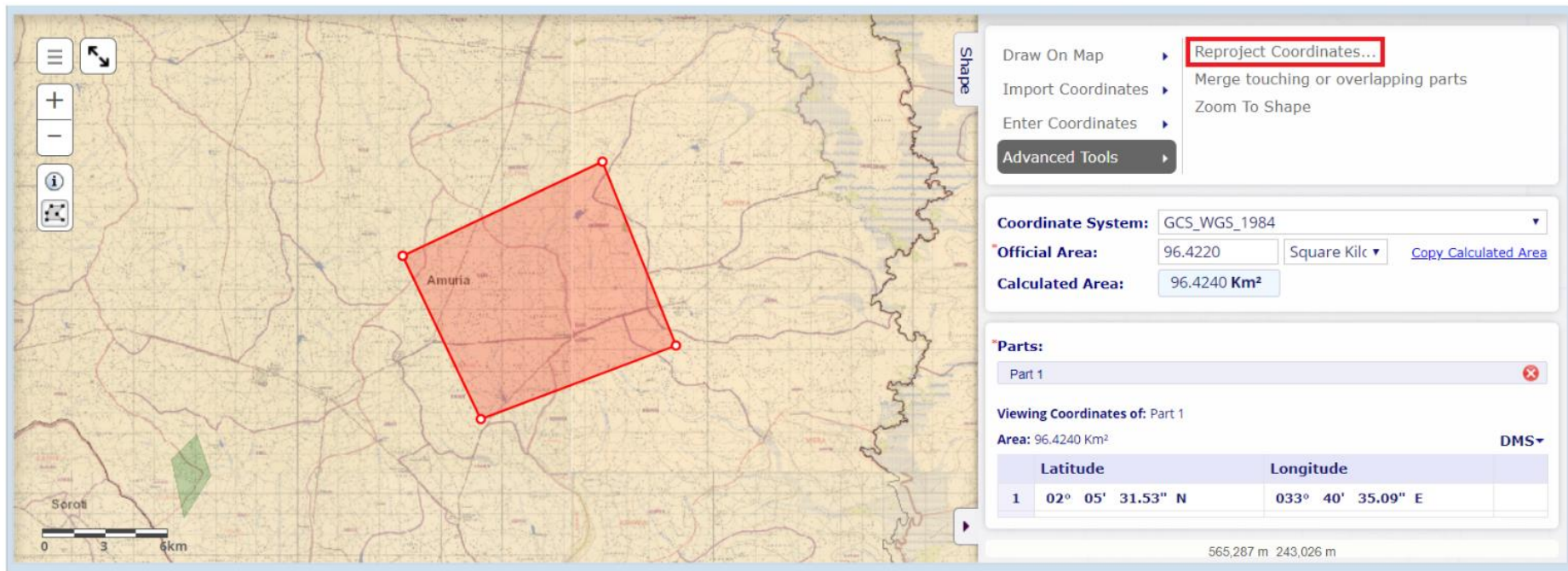
There are **4** document types in the list

1

Name	Allow
GCS_Arc1960	<input checked="" type="checkbox"/>
GCS_WGS_1984	<input type="checkbox"/>
PCS_Web_Mercator	<input type="checkbox"/>
UTM36N_Arc1960	<input checked="" type="checkbox"/>

1

Reproject to particular coordinate system



Draw On Map ▶ **Reproject Coordinates...**

Import Coordinates ▶ Merge touching or overlapping parts

Enter Coordinates ▶ Zoom To Shape

Advanced Tools ▶

Coordinate System: GCS_WGS_1984 ▼

Official Area: 96.4220 Square Kilc ▼ [Copy Calculated Area](#)

Calculated Area: 96.4240 Km²

Parts:

Part 1 ✕

Viewing Coordinates of: Part 1

Area: 96.4240 Km² DMS ▼

	Latitude	Longitude
1	02° 05' 31.53" N	033° 40' 35.09" E

565,287 m 243,026 m

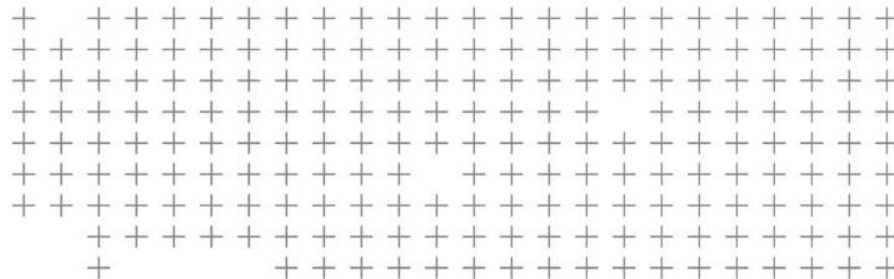


Reproject to particular coordinate system

The screenshot displays a map application interface. On the left, there is a vertical toolbar with icons for map navigation (home, zoom in, zoom out, info, and a full-screen/compass icon). The map itself shows a brown-toned terrain with a red polygon drawn over it. A scale bar at the bottom left indicates distances up to 6 km. A 'Shape' panel on the right side of the map contains a list of tools: 'Draw On Map', 'Import Coordinates', 'Enter Coordinates', and 'Advanced Tools' (which is currently selected). A 'Reproject Coordinates' dialog box is open in the center of the screen, listing four coordinate systems: 'GCS_Arc1960', 'GCS_WGS_1984', 'PCS_Web_Mercator', and 'UTM36N_Arc1960'. The 'UTM36N_Arc1960' option is highlighted. Below the list are 'OK' and 'CANCEL' buttons. To the right of the map, a detailed information panel is visible. It includes a 'Coordinate System' dropdown set to 'GCS_WGS_1984'. Below this, it shows the 'Official Area' as 96.4220 Square Kilometers and the 'Calculated Area' as 96.4240 Km². A 'Parts' section shows 'Part 1' with a red 'X' icon. The 'Viewing Coordinates of: Part 1' section displays the area as 96.4240 Km² and provides a table of coordinates in DMS format.

	Latitude	Longitude
1	02° 05' 31.53" N	033° 40' 35.09" E

At the bottom of the information panel, the dimensions 600,822 m and 235,080 m are listed.



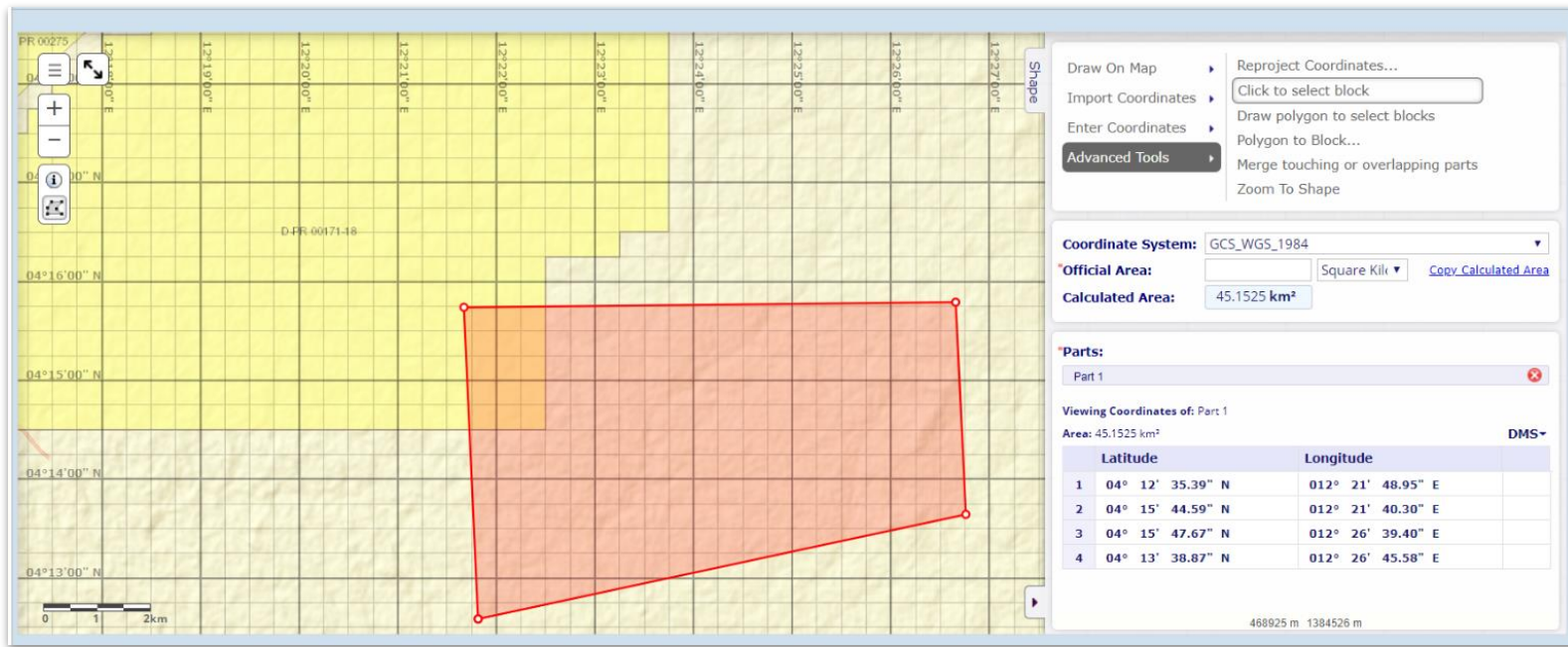
Catering for Block-based Licenses

Converting to Blocks

- How to convert a free-form shape to blocks and then simplify the resulting shape to reduce the number of points?
 - License application shapes may be received as free-form polygons and then need to be converted to blocks
 - The conversion often results in many vertices which makes surveying all the points difficult and gives long coordinate lists

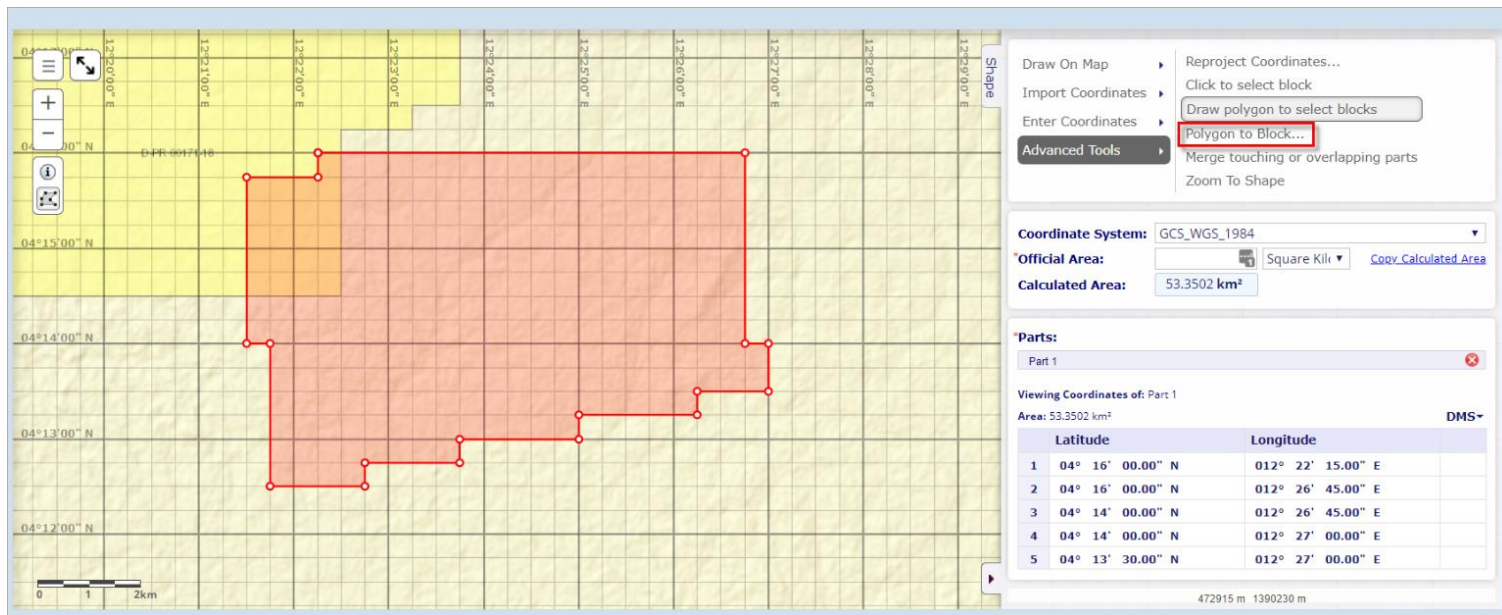
Converting to Blocks

- Free-form application shape



Converting to Blocks

■ 'Polygon to block' tool



The screenshot displays a software interface for land management or surveying. On the left, a map shows a grid with latitude and longitude coordinates. A red polygon is drawn on the map, representing a block. The sidebar on the right contains several tool options under the 'Advanced Tools' section. The 'Polygon to Block...' option is highlighted with a red box. Below the tools, the 'Coordinate System' is set to 'GCS_WGS_1984'. The 'Official Area' is shown as a text input field, and the 'Calculated Area' is displayed as '53.3502 km²'. The 'Parts' section shows 'Part 1' with a red 'X' icon. The 'Viewing Coordinates of: Part 1' section displays the area and a table of coordinates.

Advanced Tools

- Draw On Map
- Import Coordinates
- Enter Coordinates
- Advanced Tools
 - Reproject Coordinates...
 - Click to select block
 - Draw polygon to select blocks
 - Polygon to Block...**
 - Merge touching or overlapping parts
 - Zoom To Shape

Coordinate System: GCS_WGS_1984

Official Area: Square Kilometers [Conv. Calculated Area](#)

Calculated Area: 53.3502 km²

Parts:

Part 1

Viewing Coordinates of: Part 1

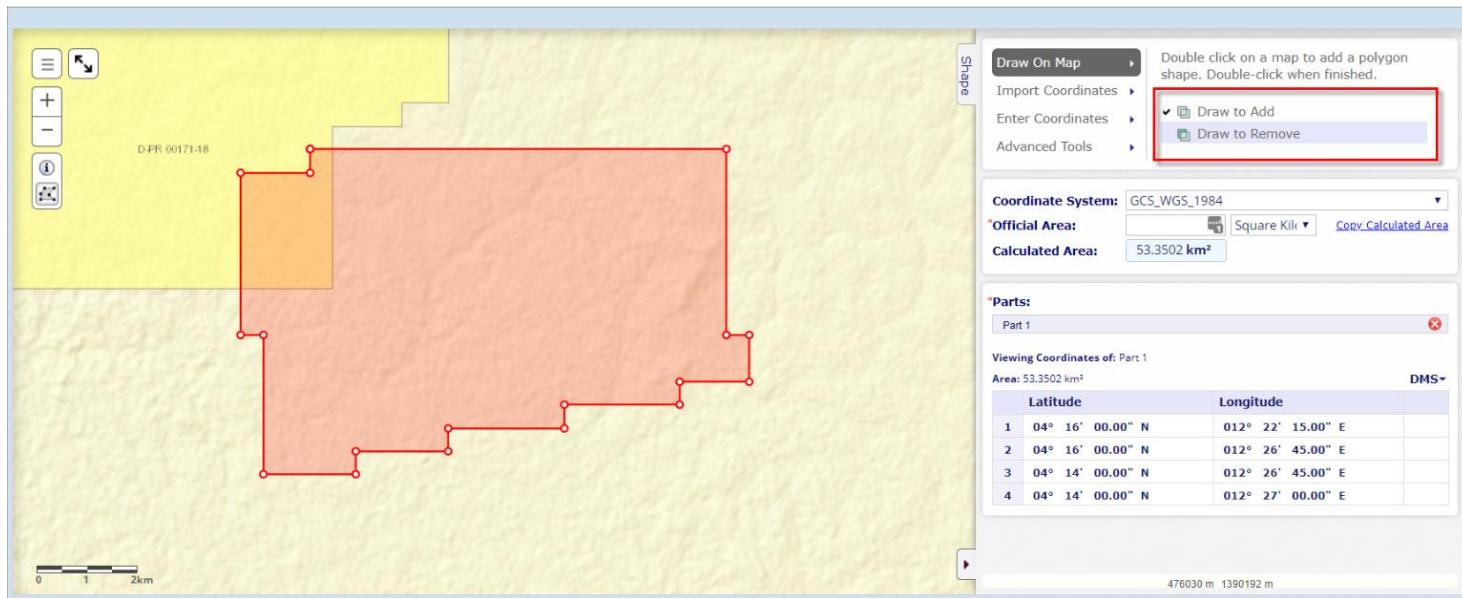
Area: 53.3502 km² **DMS**

	Latitude	Longitude
1	04° 16' 00.00" N	012° 22' 15.00" E
2	04° 16' 00.00" N	012° 26' 45.00" E
3	04° 14' 00.00" N	012° 26' 45.00" E
4	04° 14' 00.00" N	012° 27' 00.00" E
5	04° 13' 30.00" N	012° 27' 00.00" E

472915 m 1390230 m

Converting to Blocks

- Tools for adding and removing blocks



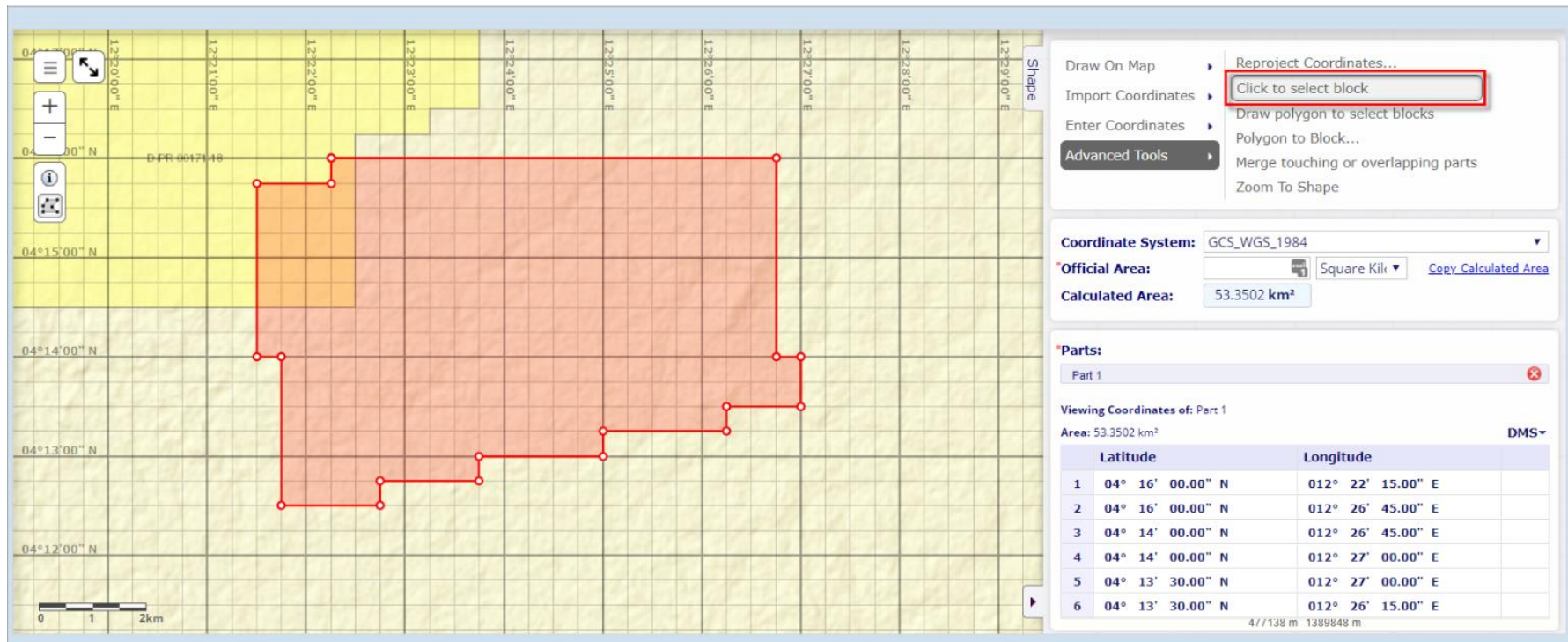
The screenshot displays the Trimble software interface for block management. The main map area shows a yellow block labeled 'D-FR 00171-18' and a red polygon. The sidebar on the right contains the following sections:

- Draw On Map**: Includes 'Import Coordinates', 'Enter Coordinates', and 'Advanced Tools'. The 'Advanced Tools' dropdown is open, showing 'Draw to Add' (checked) and 'Draw to Remove'.
- Coordinate System**: Set to 'GCS_WGS_1984'.
- Official Area**: Displayed as 'Square Kilometers'.
- Calculated Area**: Displayed as '53.3502 km²'.
- Parts**: Shows 'Part 1'.
- Viewing Coordinates of: Part 1**: Displays the area '53.3502 km²' and a table of coordinates.

	Latitude	Longitude	DMS
1	04° 16' 00.00" N	012° 22' 15.00" E	
2	04° 16' 00.00" N	012° 26' 45.00" E	
3	04° 14' 00.00" N	012° 26' 45.00" E	
4	04° 14' 00.00" N	012° 27' 00.00" E	

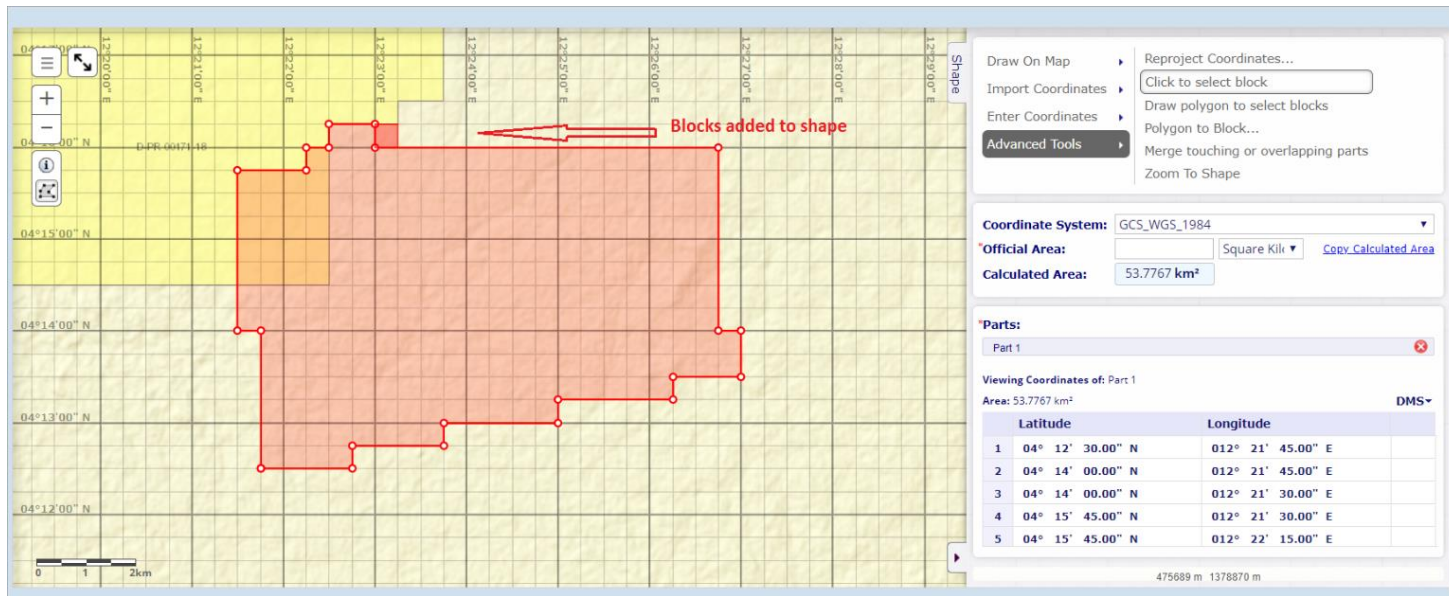
At the bottom of the sidebar, the coordinates '476030 m 1390192 m' are displayed.

Converting to Blocks



Converting to Blocks

- Click to add



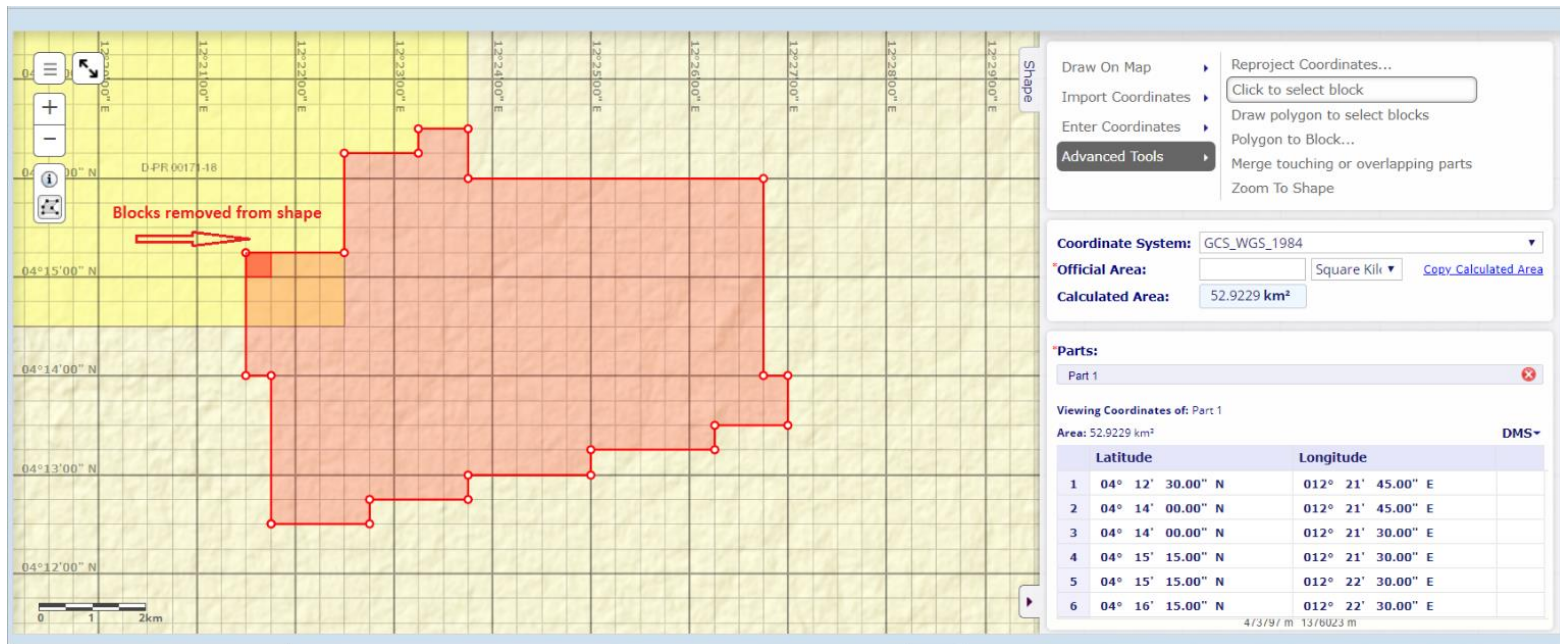
Converting to Blocks

- Click to add



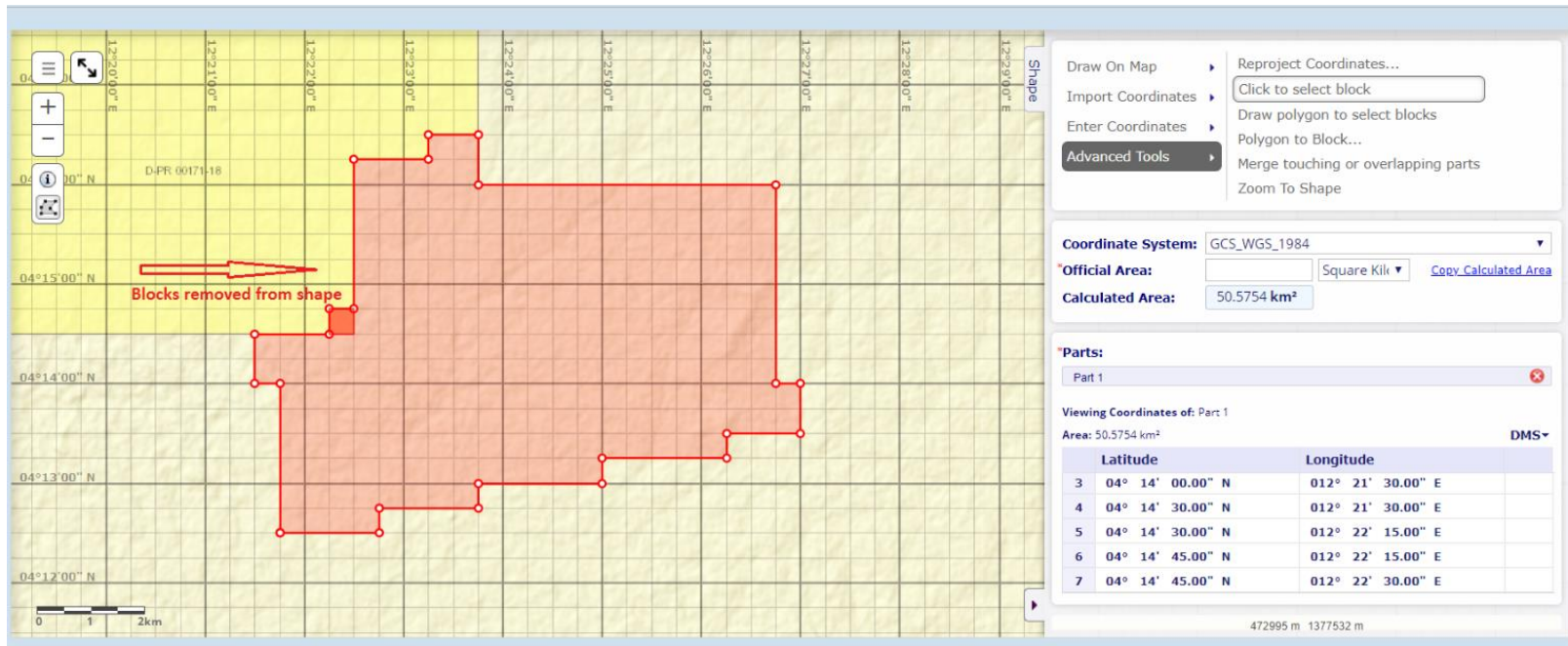
Converting to Blocks

- Click to remove



Converting to Blocks

- Click to remove



Converting to Blocks

- Spatial validations for block-based licenses:
 - Check that the license shape is block-based ie conforms to a grid

Shape Validation

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

Validation has been run

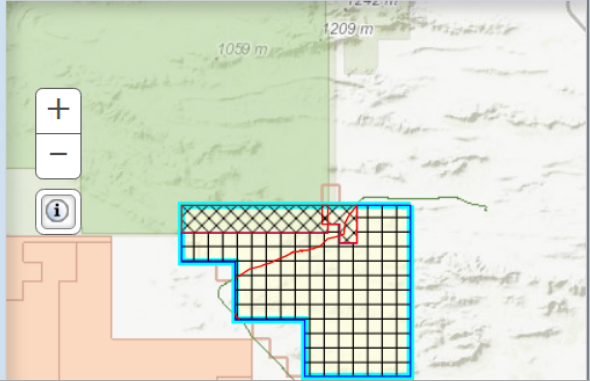
RUN VALIDATION

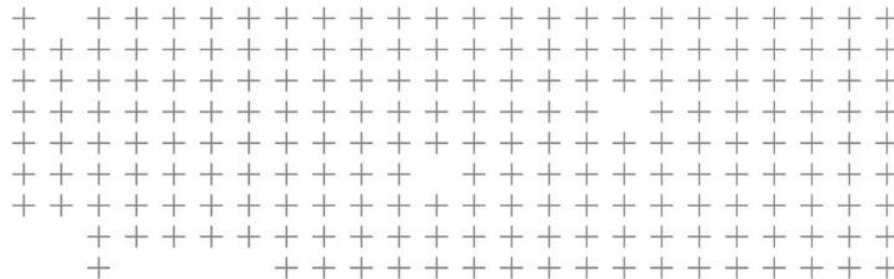
✖ The validation shape is: **Invalid**

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)	CB	Pipelines	Active	5.99 Ha	highlight





e-Gov Portal

Purpose

- An e-government solution that provides public stakeholder access to the data and processes within Landfolio
- Mineral Rights Holders have immediate, private access to detailed licence information
- Online applications for new licences, renewals, transfers, etc
- Digital submission of all documentation and reports
- Secure online payments using a variety of channels



Directorate of Geological Survey and Mines Mining Cadastre Portal

Mining Cadastre

[Home](#)

[Sign In](#)

[Registration](#)

FAQ

[DGSM Website](#)

[General](#)

[Obtain a licence](#)

[Obtain trading licence](#)

[Managing My Licence](#)

External Links

[Mining Cadastre Map](#)

Legal

[Contacts](#)

[Terms of Use](#)

[Privacy Policy](#)

Welcome to Uganda's Mining Cadastre Portal

The goal of this Mining Cadastre Portal is to provide an electronic platform for all stakeholders in the mining sector in Uganda to engage directly with the Directorate of Geological Survey and Mines.

Before using the Mining Cadastre Portal, you must first Register for access.

Existing mineral rights holders

- If you already hold mineral rights, or have a pending application for them, download and complete the Registration Form and submit it, along with supporting documents, to the Directorate in Entebbe.

Prospective rights applicants

- If you don't already hold mineral rights in Uganda, use the Self Registration online form to submit your particulars and supporting documents through the portal.

To find out more

- Click the Registration Details link to find out more about getting access to use the Mining Cadastre Portal.

Disclaimer:

The Directorate of Geological Survey and Mines notes that this is a phased implementation, therefore;

1) DGSM is currently undertaking a data cleaning exercise and thus all data on the e-government portal is to be considered provisional. Assistance with obtaining the correct information and data on your licence will be greatly appreciated and a benefit to both DGSM and licence holders alike.

2) Registered users may now

- Submit proof of payment for payments already made
- Submit reports
- View their license details, and contact details, as well as update their contact details.

3) At a later date, the following functionality will become available:

- Submit new licence applications and licence renewal applications
- Transfers
- Licence Shape Alterations
- Online Payments via a Payment Gateway



Directorate of Geological Survey and Mines

Mining Cadastre Portal

Licence Portfolio

All Licences (HOME)

New Application

EL (From PL)

LL (From PL)

LL (From EL/RL)

ML (From PL)

ML (From LL/EL/RL)

RL (From EL)

PL / MDL / GS

Submit

Application Forms

Payment

Reports

External Links

Mining Cadastre Map

Legal

Contacts

Portal User (Trimble Test Company) ▼

Applications , Active and Inactive Licences

Code

Status

Search

Clear Search

Code	Type	Status	Application Date	Grant Date	Expiry Date
GS/00002	Goldsmith License	Application	11/12/2018 5:46:25 PM		
GS0000	Goldsmith License	Application Rejected	12/14/2018 12:59:05 PM	12/14/2018 12:00:00 AM	12/13/2019 12:00:00 AM
jan test MLs	Portal_Test_ML	Application Withdrawn	9/14/2018 3:41:36 PM	10/29/2018 12:00:00 AM	10/28/2028 12:00:00 AM

Locations of All Licences (including inactive/expired)

Licence Portfolio

All Licences (HOME)

Manage Licence

Withdrawal

Transfer

Partial Surrender

Surrender LL/ML

Amalgamation

Suspend Obligations

General Request

Submit

Application Forms

Payment

Reports

External Links

Mining Cadastre Map

Portal User (Trimble Test Company) ▼

Licence Summary

Code Portal_Test_LLI/00002

Name

Type Location License I

Status Application Pending - Documents and Payment Verification

Responsible Office

Owner Trimble Test Company (100%)

Application Date 03/12/2018

Granted Date

Expiry Date

Commodities Base Metals

Location Northern Region, Otuke

Official Area 9.7200 Ha ▼

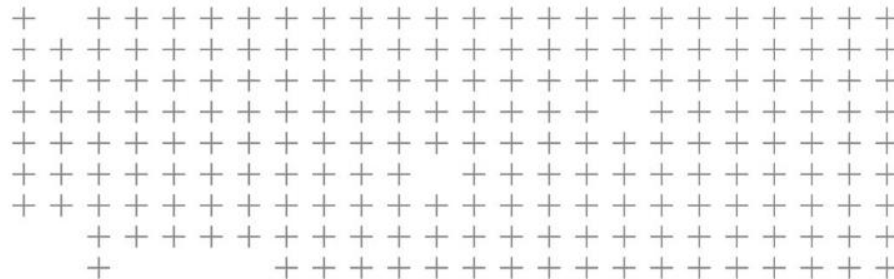
[Coordinates](#)

Payments

Due Date	Description	Payment Status	Amount	Link	Feedback	Status
03/12/2018	Fee: Preparation		Uganda Shilling 800,000.00	INV000349		

Your Documents:

Download	Title	Size	Type	Published Date
	test doc.txt (A statement describing the		A statement describing the state of the	



e-Gov Portal - New mapping capabilities

e-Gov Portal - Mapping

- The e-Gov Portal now allows for the integration of a Landfolio map, providing useful shape editing tools, notably:
 - Support for projected coordinate systems
 - Re-projection of imported coordinates to required coordinate system
 - Ability to select coordinates from an existing shape

Reprojection to required Coordinate System

■ Application in Progress



Directorate of Geological Survey and Mines Mining Cadastre Portal

Licence Portfolio

All Licences (HOME)

External Links

Mining Cadastre Map

Legal

Contacts

Terms of Use

Privacy Policy

Portal User (Trimble Test Company) ▼

Application Instructions

This online application is made in terms of the Mining Act of 2003 (Gazette No.37 Volume XCVI dated 8th August, 2003).
To successfully submit your tenement application, you will follow these steps:

Prepare your application

1. Select the license type
2. Choose commodities
3. Upload the required documents
4. Enter or upload the coordinates for the area for which you are applying

Validate your application

1. Click the Continue button to validate that all required documents have been attached and that your requested area is acceptable.
2. If there are problems with the requested area, you will need to modify the coordinates before continuing.
3. The final, acceptable coordinates will be displayed for your confirmation before the application is created.

Pay application fee

1. Once the application is created, you will be taken to the payment screen, where you can choose your method of payment.
2. Cancelling your payment does not cancel the application itself. You can return later to submit your payment.
3. **Your application fee applies to this submission only and is non-refundable. Should you be requested to resubmit any documentation, you will need to pay the application fee again, in full.**

Your application is not considered complete, and the requested area is not reserved, until the application fee is successfully paid.

Application Details

Applicant:

Trimble Test Company

Type:

Exploration License (EL) ▼ *

Coordinates

[Coordinate Selection](#) UTM36N_Arc1960 *

Commodities:

[Select](#) *

Supporting Documents:

[Upload](#) *

Continue

Cancel

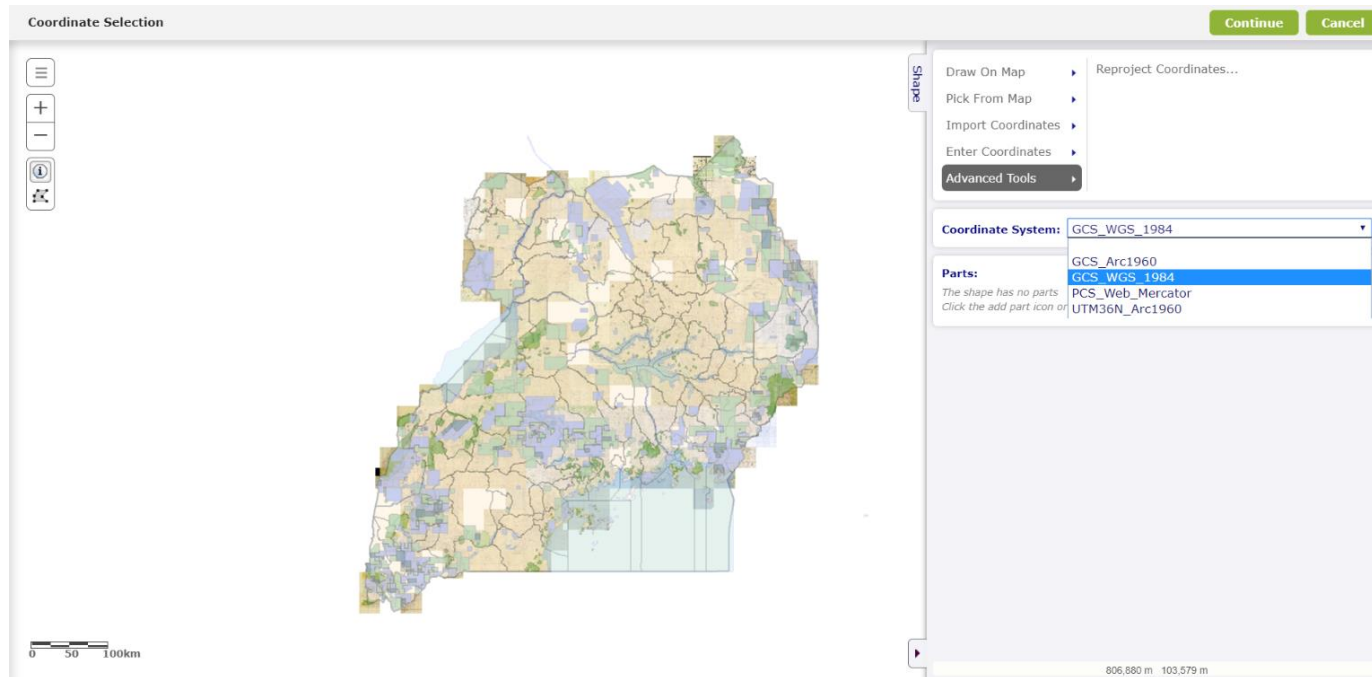
[Save and Exit](#)

[Discard](#)

Saved today at 5:47:31 PM

Reprojection to required Coordinate System

- Selection of available coordinate system



Reprojection to required Coordinate System

- Coordinates imported, manually captured or drawn in selected coordinate system

The screenshot displays a software interface for coordinate management. On the left, a map shows a red polygon drawn on a terrain. The right sidebar contains the following elements:

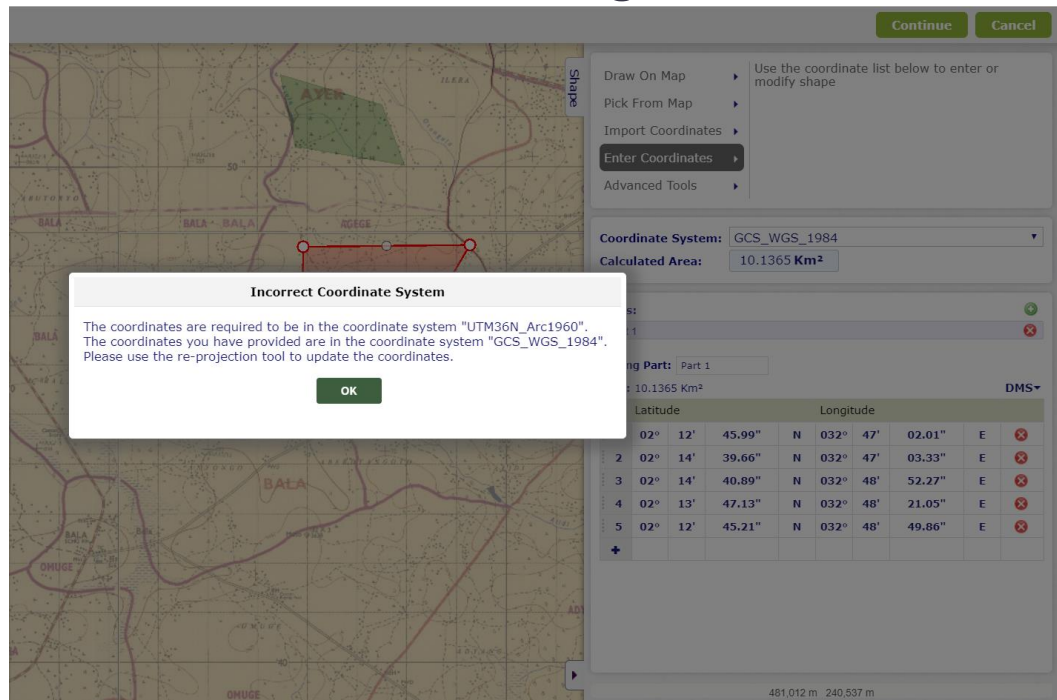
- Buttons:** 'Continue' and 'Cancel' at the top right.
- Tools:** A list including 'Draw On Map', 'Pick From Map', 'Import Coordinates', 'Enter Coordinates', and 'Advanced Tools'. 'Reproject Coordinates...' is highlighted.
- Coordinate System:** A dropdown menu set to 'GCS_WGS_1984'.
- Calculated Area:** A text box showing '10.1365 Km²'.
- Parts:** A section labeled 'Part 1' with a red 'X' icon.
- Viewing Coordinates of: Part 1**
- Area:** A text box showing '10.1365 Km²'.
- Table:** A table with 5 rows of coordinates in DMS format.

	Latitude	Longitude	
1	02° 12' 45.99" N	032° 47' 02.01" E	
2	02° 14' 39.66" N	032° 47' 03.33" E	
3	02° 14' 40.89" N	032° 48' 52.27" E	
4	02° 13' 47.13" N	032° 48' 21.05" E	
5	02° 12' 45.21" N	032° 48' 49.86" E	

At the bottom of the sidebar, the coordinates '481,517 m 247,341 m' are displayed.

Reprojection to required Coordinate System

- Validation error message



Reprojection to required Coordinate System

- Reprojection in Advanced Tools

The screenshot shows a software interface with a map on the left and a control panel on the right. The map displays a red polygon over a topographic map. The control panel includes a 'Shape' menu with options like 'Draw On Map', 'Pick From Map', 'Import Coordinates', 'Enter Coordinates', and 'Advanced Tools'. The 'Advanced Tools' menu is open, showing 'Reproject Coordinates...' highlighted. Below this, the 'Coordinate System' is set to 'GCS_WGS_1984' and the 'Calculated Area' is '10.1365 Km²'. A 'Parts' section shows 'Part 1' with a red 'X' icon. Below that, a table titled 'Viewing Coordinates of: Part 1' shows the area and a list of coordinates in DMS format.

Continue Cancel

Shape

Draw On Map > Reproject Coordinates...
Pick From Map >
Import Coordinates >
Enter Coordinates >
Advanced Tools >

Coordinate System: GCS_WGS_1984
Calculated Area: 10.1365 Km²

Parts:
Part 1

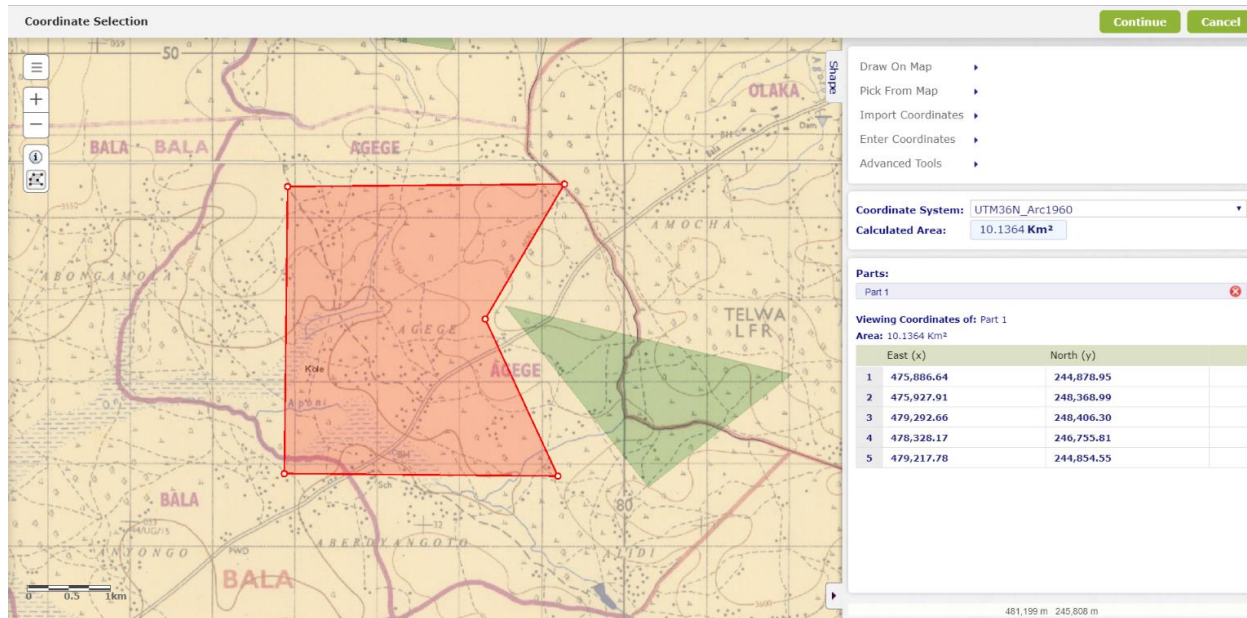
Viewing Coordinates of: Part 1
Area: 10.1365 Km² DMS

	Latitude	Longitude	
1	02° 12' 45.99" N	032° 47' 02.01" E	
2	02° 14' 39.66" N	032° 47' 03.33" E	
3	02° 14' 40.89" N	032° 48' 52.27" E	
4	02° 13' 47.13" N	032° 48' 21.05" E	
5	02° 12' 45.21" N	032° 48' 49.86" E	

481,517 m 247,341 m

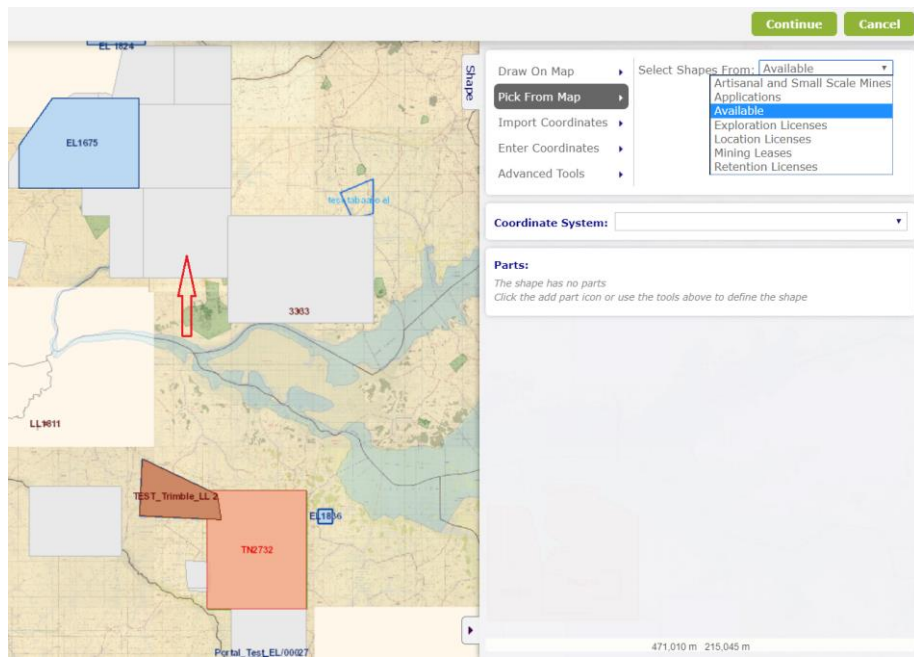
Reprojection to required Coordinate System

- Coordinates reprojected to required coordinate system



Selection of Coordinates from Existing Shape

- Map layer from which to select shape



Selection of Coordinates from Existing Shape

- Existing shape coordinates copied over

The screenshot displays the Trimble software interface. On the left, a map shows a grey rectangular shape with red vertices. A red arrow points from this shape to a table of coordinates. The right panel contains the following information:

Continue **Cancel**

Draw On Map ▶ Select Shapes From: Available
Pick From Map ▶ Tool: Click on Shape
Import Coordinates ▶ Mode: Add
Enter Coordinates ▶ Remove
Advanced Tools ▶

Coordinate System: UTM36N_Arc1960
Calculated Area: 229.3690 Km²

Parts:
Part 1

Viewing Coordinates of: Part 1
Area: 229.3690 Km²

	East (x)	North (y)
1	414,774.00	210,500.00
2	430,000.00	210,500.00
3	430,000.00	205,700.00
4	429,380.00	205,700.00
5	429,380.00	195,000.00
6	414,774.00	195,000.00

425,699 m 202,184 m

Reprojection to required Coordinate System

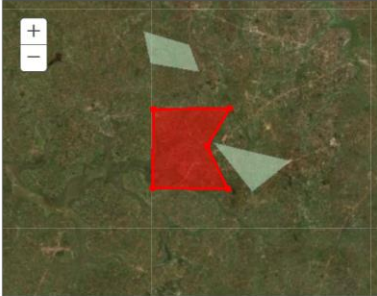
- Valid shape in required coordinate system

documentation, you will need to pay the application fee again, in full.
Your application is not considered complete, and the requested area is not reserved, until the application fee is successfully paid.

Application Details

Applicant: Portal User
Type: Exploration License (EL) * [Continue](#) [Cancel](#)
Coordinates: [Coordinate Selection](#) UTM36N_Arc1960 * [Save and Exit](#) [Discard](#)
Shape is valid. Saved today at 2: 55:35 PM
Commodities: [Select](#) *
Specify at least one commodity.
Supporting Documents: [Upload](#) *

Review Coordinates



East (x)	North (y)
1. 475886.64	244878.95
2. 475927.91	248368.99
3. 479292.66	248406.30
4. 478328.17	246755.81
5. 479217.78	244854.55

Area: 10.1400 Km² ▼
Location: Northern Region, Kole, Lira



The End



Thank you!