Viewing asset data

As mentioned in the "What are the data security levels" guide, some asset data is highly sensitive and therefore is given a security level, which determines its visibility. We have four categories of security level, with the majority of data supplied at SL0.

This means that the method to view asset data in UAR is dependent on the sensitivity of the data.

DO NOT RELY ON THE LAYERS MENU AS THIS ONLY SHOWS UNRESTRICTED DATA. You will need to do an AOI query to get a fuller picture of what assets are in your work site

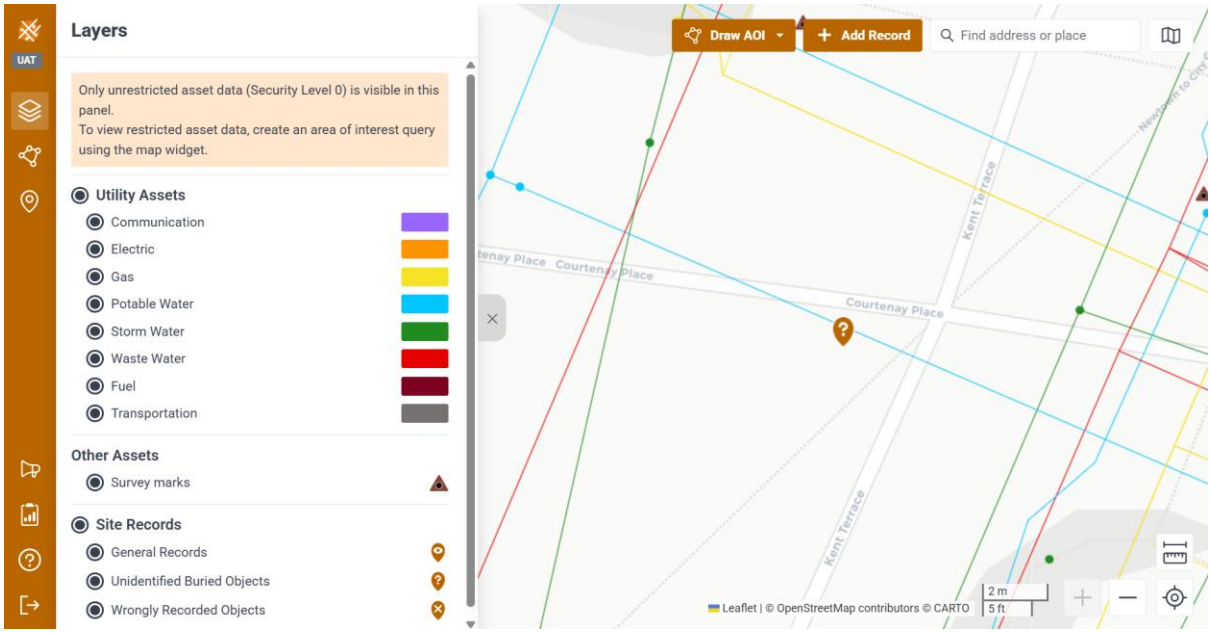
Viewing unrestricted data via the Layers menu

Note: *The Layers menu is not available on the mobile/tablet interface so there is no guide for this.*

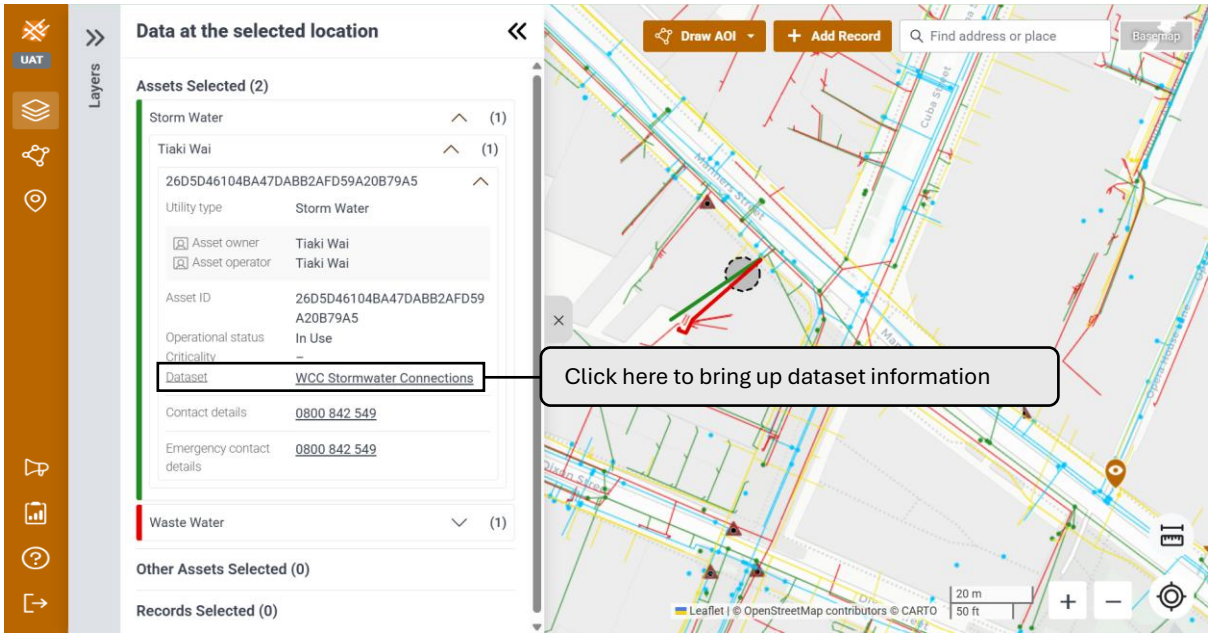
You can view all unrestricted (i.e. SL0) asset data using the Layers Menu icon in the sidebar menu. Assets will only appear at zoom resolutions of 100m of less – ensure you are zoomed in to see assets on the map.

Note: *Only unrestricted asset data (i.e. SL0) is visible in the Layers Menu. To view restricted asset data, you must create an Area of Interest query.*

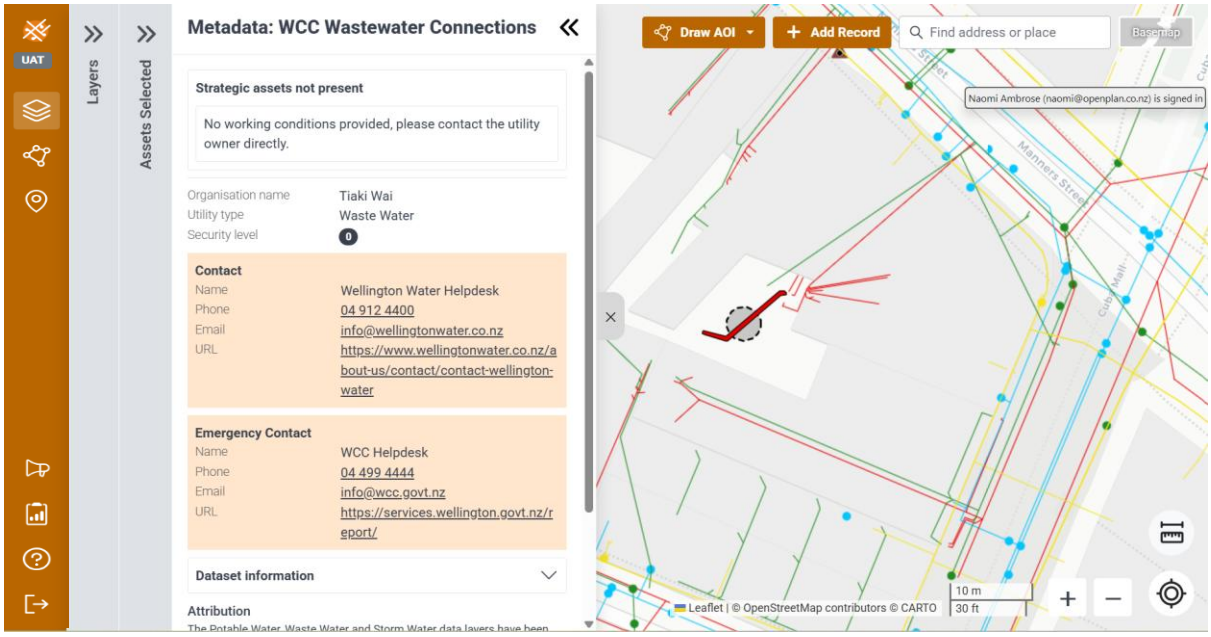
Utility Assets in the UAR are colour coded based on their asset type – this colour coding is outlined in the Layers Menu. You can toggle on/off certain asset types, so that those asset datasets will/won't appear on the map.



You can select an asset on the map by clicking on it. A grey circle marker will appear on the map to indicate your selection point. This will open either a “Data at the selected location” panel which lists the assets and site records at that location. You can drill further down into the details of the asset by clicking on each category, discovering information such as asset operator, asset ID, operational status, criticality, and contact details. The asset will also be highlighted on the map for easy identification.



If you want to find out more about the dataset, you can click on the dataset name in the ‘Dataset’ field. This will bring up information about the dataset, additional contact information, and whether there are any strategic assets in the dataset and what their working conditions are.



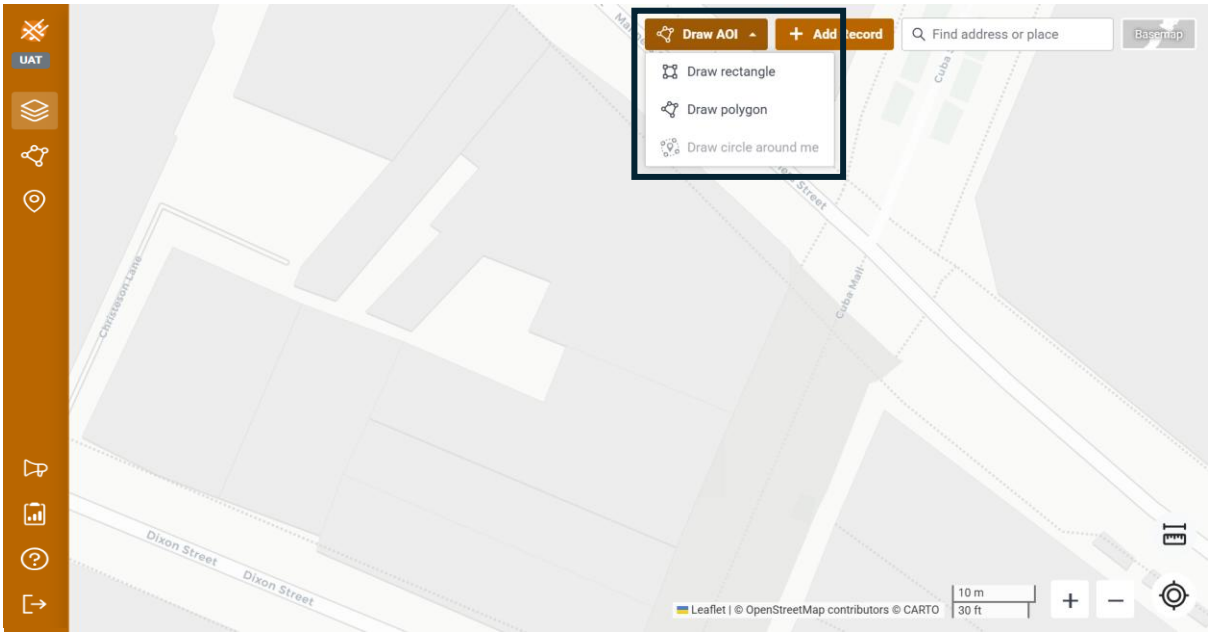
Viewing restricted data via Area of Interest - DESKTOP

***Note**: You can create AOIs on the mobile and tablet versions of UAR too, instructions for that are further down this page.*

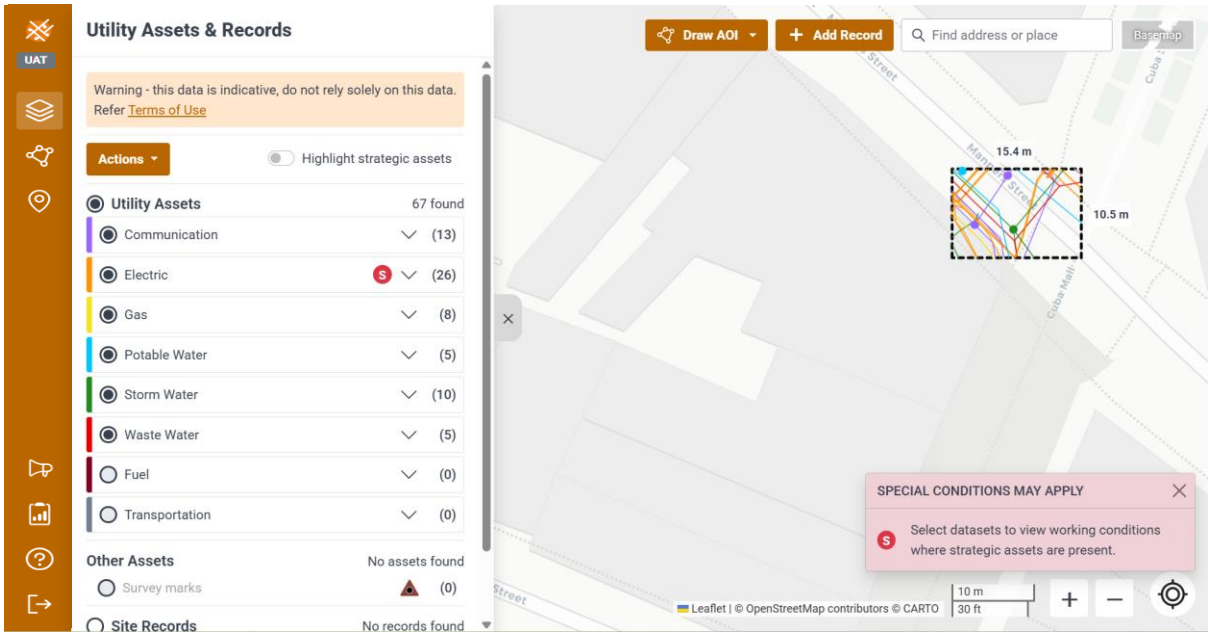
To view all asset data (inc. SL1 data or above) you'll need to create an Area of Interest (AOI). You can create an AOI by selecting the AOI button in the top right of the UAR interface.

You have three options when creating an AOI in the UAR:

- Draw a square-shaped AOI;
- Define a custom polygon AOI; or
- Generate an AOI with a radius around your current location. **Note:** this option requires location permissions to be enabled in your browser (for desktop) or device settings (for mobile).



Once you have defined your AOI on the map, all SL0 and SL1 assets within your AOI will display on the map and will be listed in the 'Utility Assets & Records' panel. The panel displays the total number of assets present within your AOI and provides a breakdown of how many assets belong to each utility asset dataset (e.g. Low Voltage Cable, Medium Voltage Cable, etc.).

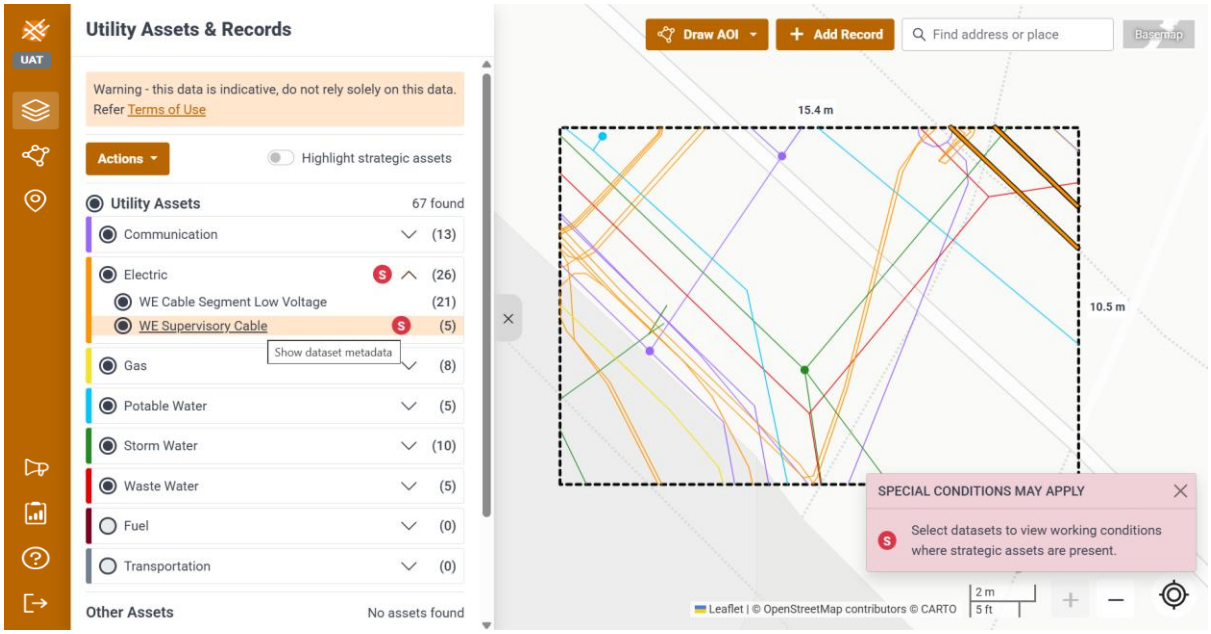


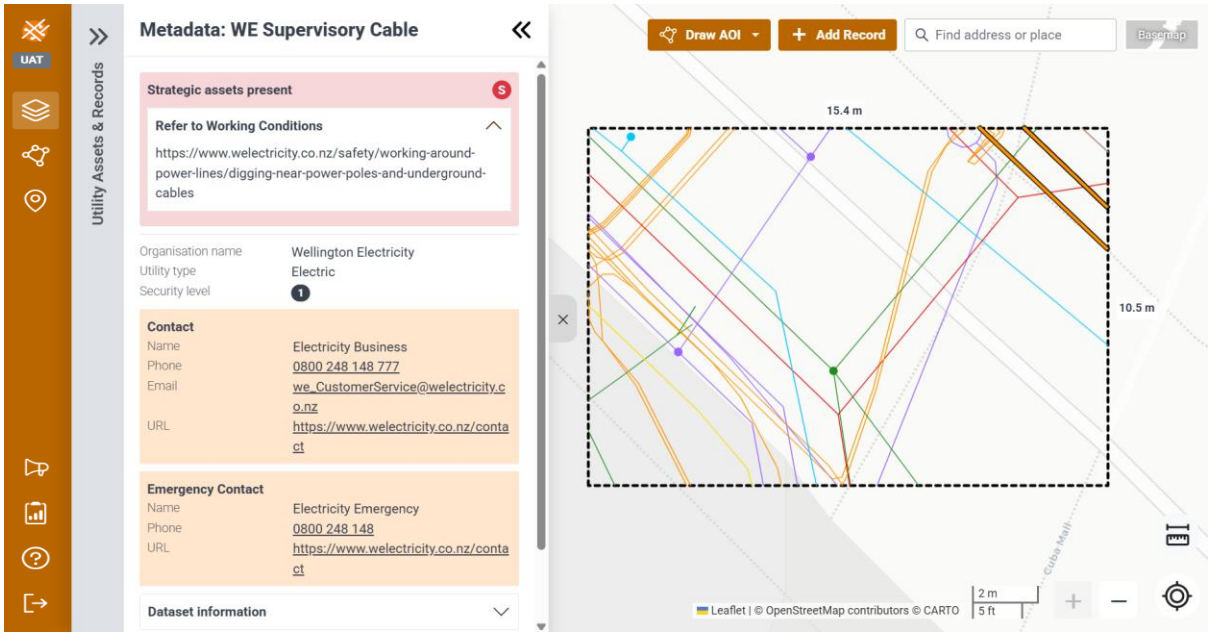
Utility Assets in the UAR are colour-coded based on their asset type – this colour coding is outlined in the 'Utility Assets & Records' panel. You can toggle on/off certain asset types, so that those asset datasets will/won't appear within your AOI. The toggle button is automatically disabled for asset types which are not present within your AOI.

A red **S** indicates that there are strategic assets of this asset class within your AOI. You will also see a popup box in the bottom right corner, indicating that there are strategic assets present and these may have working conditions associated with them.

You can drill down into the assets by expanding the asset type box on the left. If you hover over the asset name, the matching asset on the map will highlight.

If you click on the asset name, it will bring up the metadata and you will be able to see any associated working conditions.

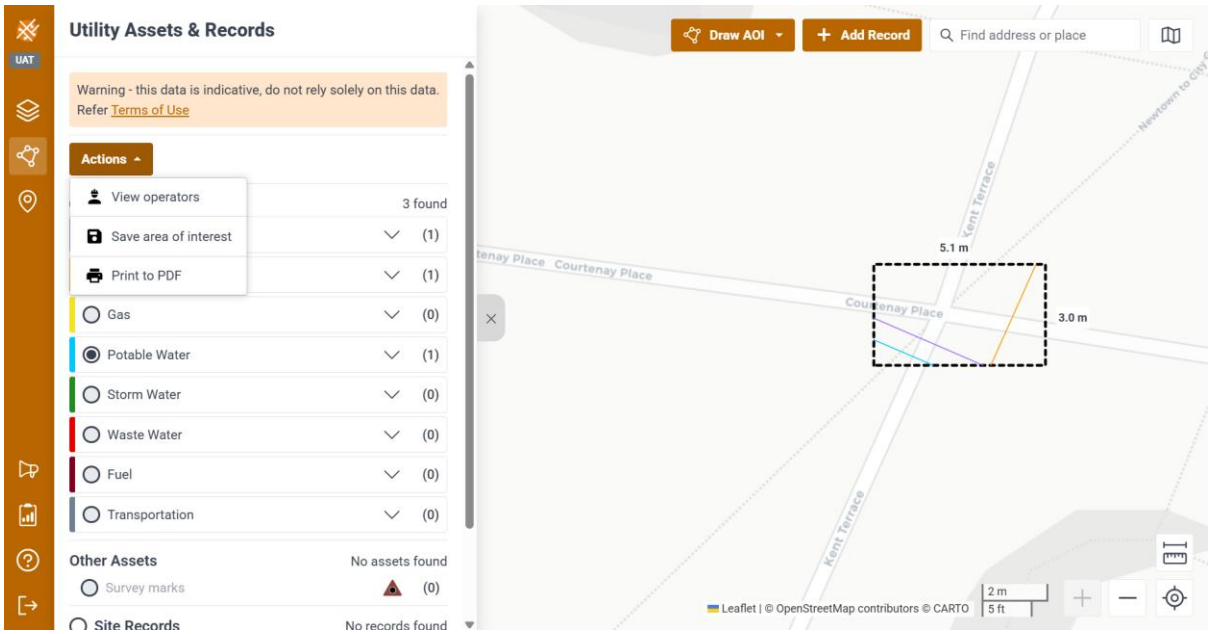




From your Utility and Assets data panel, you can also perform the following functions by clicking on the Actions button:

- Save your AOI so you can return to it at a later date
- View what network utility operators have assets in your AOI, your region, and which network utility operators may have assets in the area but have not supplied data to UAR
- Print your AOI to PDF

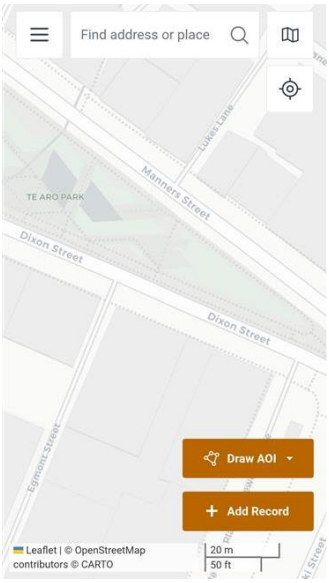
For more information on the above actions, please see the individual help guides for that topic.



Viewing restricted data via Area of Interest - MOBILE/TABLET

The layers menu isn't available on the mobile/tablet view, so to view asset data you need to draw an Area of Interest (AOI).

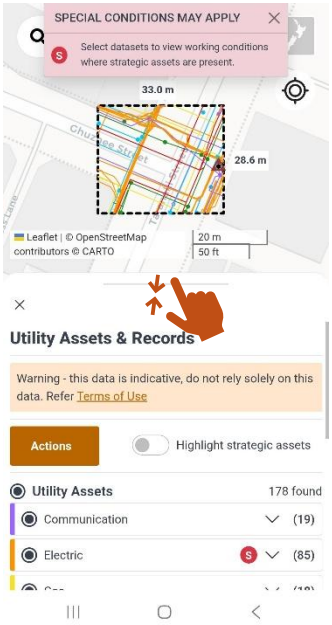
Top tip *– ensure you are already zoomed in and located above where you want to draw an AOI, as it can be tricky zooming and creating an AOI at the same time.*



Select the 'Draw AOI' button on the homescreen once you're logged in. You will be presented with 3 options: draw a rectangle, draw a polygon, or draw a circle around your location. The third option will require your GPS location to be turned on and permissions given to UAR.

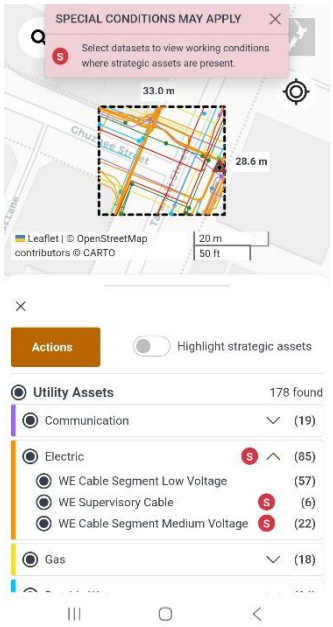
To draw a rectangle, place one finger on the map and drag it outwards.

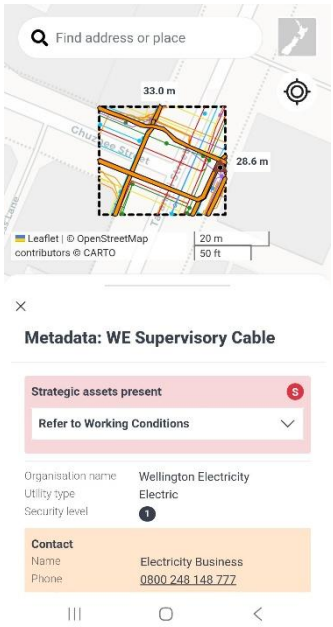
To draw a polygon, select points on the map, this will create a shape for you.



Once you have drawn your shape, the Utility Assets & Records panel will appear.

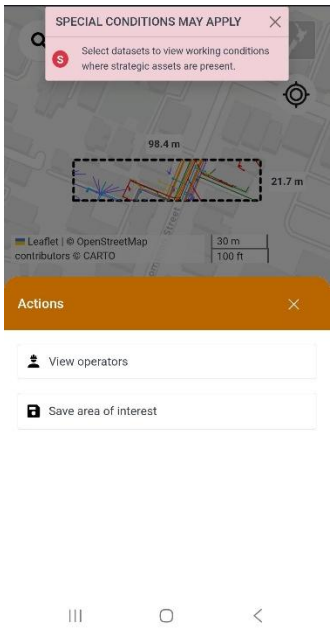
Top tip *– if you press and hold on the grey bar, you can drag it up and down to see more of the map/more of the panel.*





From here you can scroll the panel and view what assets are in your AOI, as well as any working conditions or strategic assets. Just click on the asset name and it will bring up the metadata panel.

Remember - anything with a red **S** on it means there are strategic assets present and these may have working conditions associated with them.



If you click on the Actions button on the Utility Assets panel, you can also save your Area of Interest and view what network utility operators have assets in your AOI, your region, and which network utility operators may have assets in the area but have not supplied data to UAR.

For more detailed information on the above, please see the individual help guides for that topic.

If you have any questions, don't hesitate to contact us:
support@nzuar.org.nz