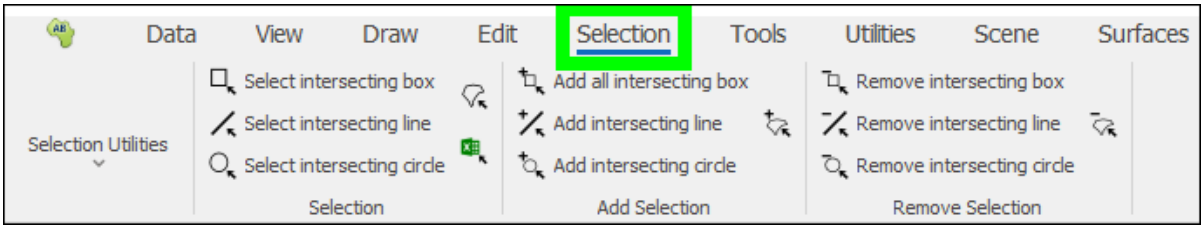
PrimeThought Software Solutions

Selection Tab User Guide



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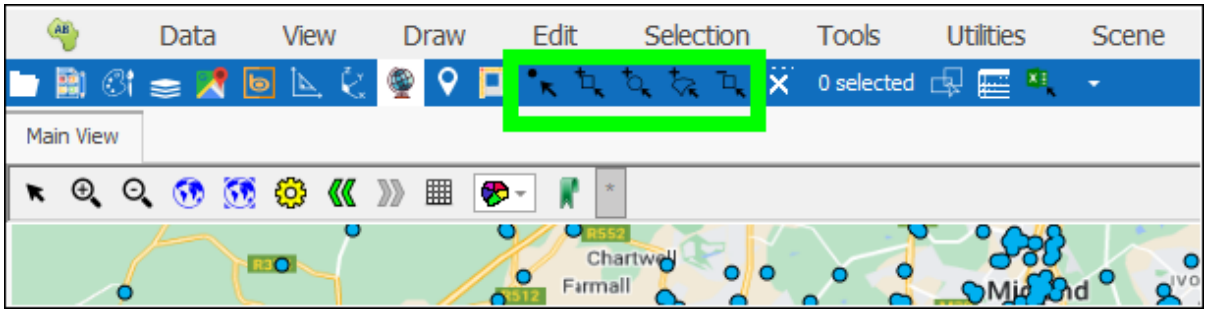
Intro

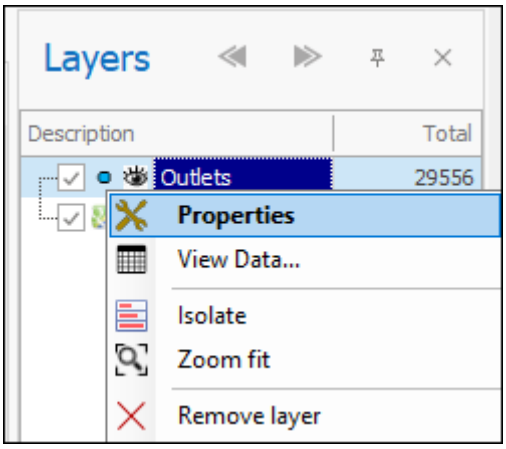
The **Selection** tab has a number of tools you can use for selecting elements in your scene. We will take up each section of this tab:

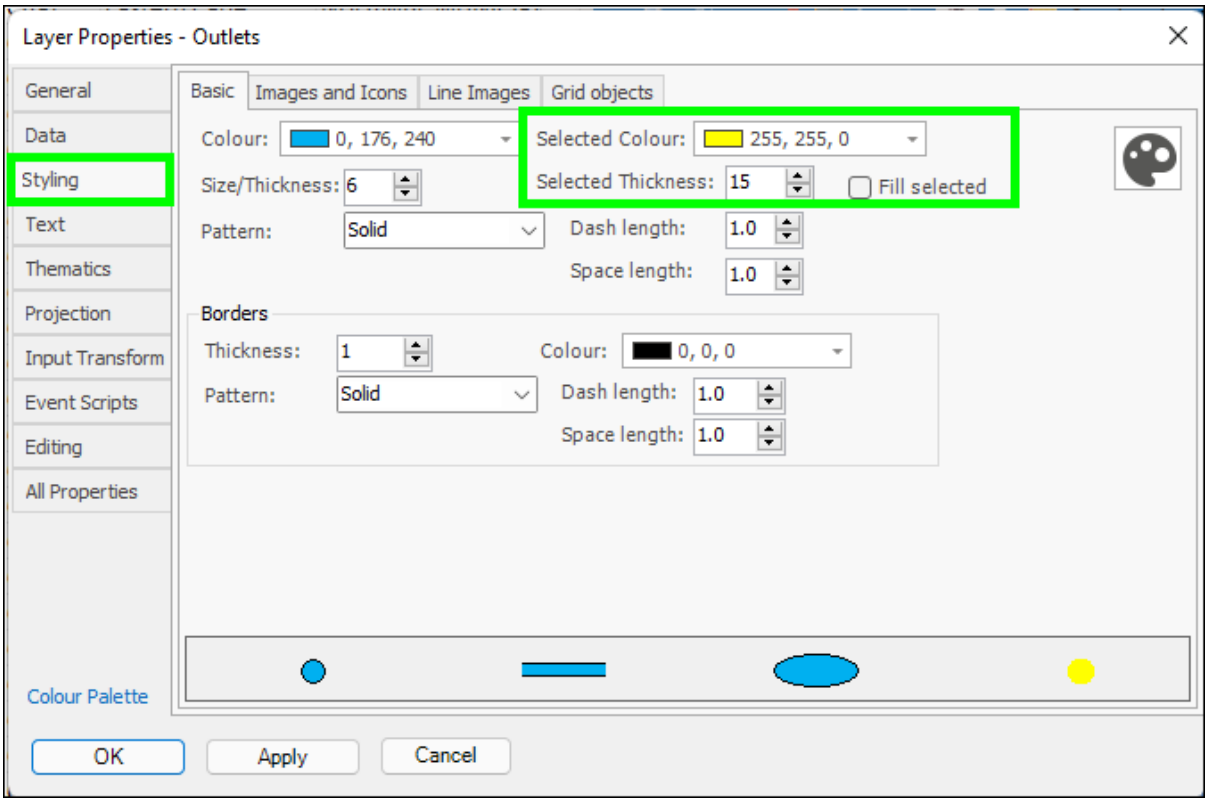
Selection Basics

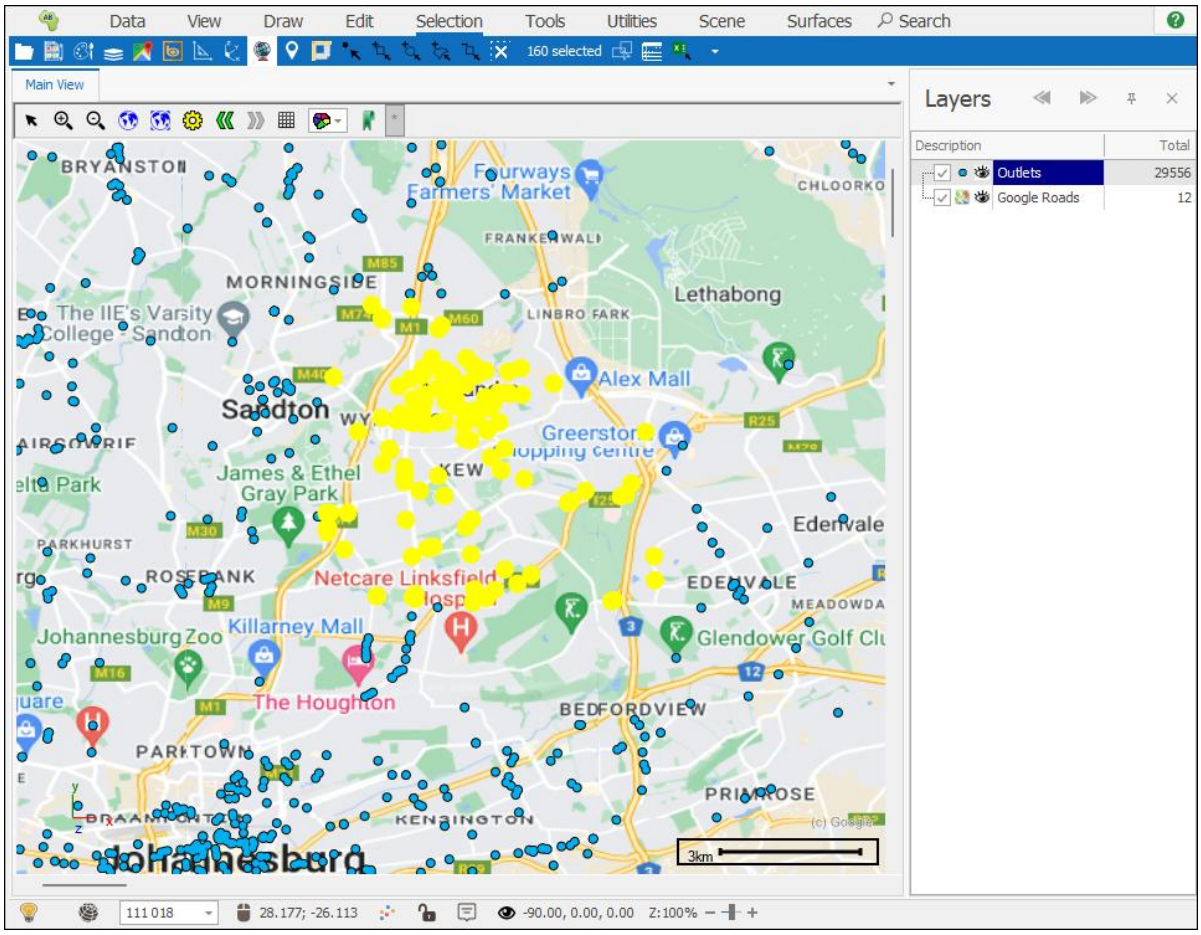
Items are selected in the spatial scene in order to isolate them from others and then inspect them or do various other things with them. All the various tools that can be used to select are available in the Selection Tab, however the main selection tools you would use most often are accessible from the Quick Access Toolbar as well:



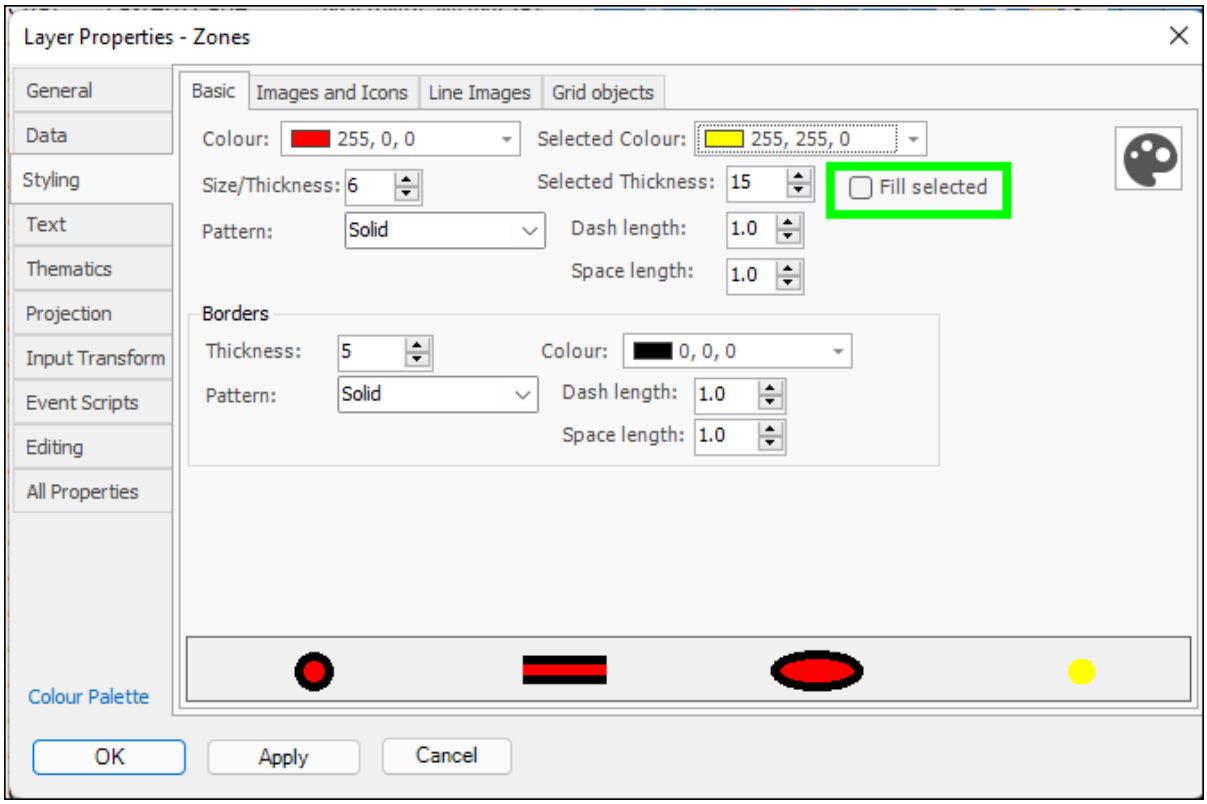
As you select items they are highlighted in the scene in a different colour and sized a bit bigger to make them stand out from the other elements in that layer. This highlighted colour and size can be set in the Layer Properties of the layer in which you are selecting elements, in the **Styling** tab:

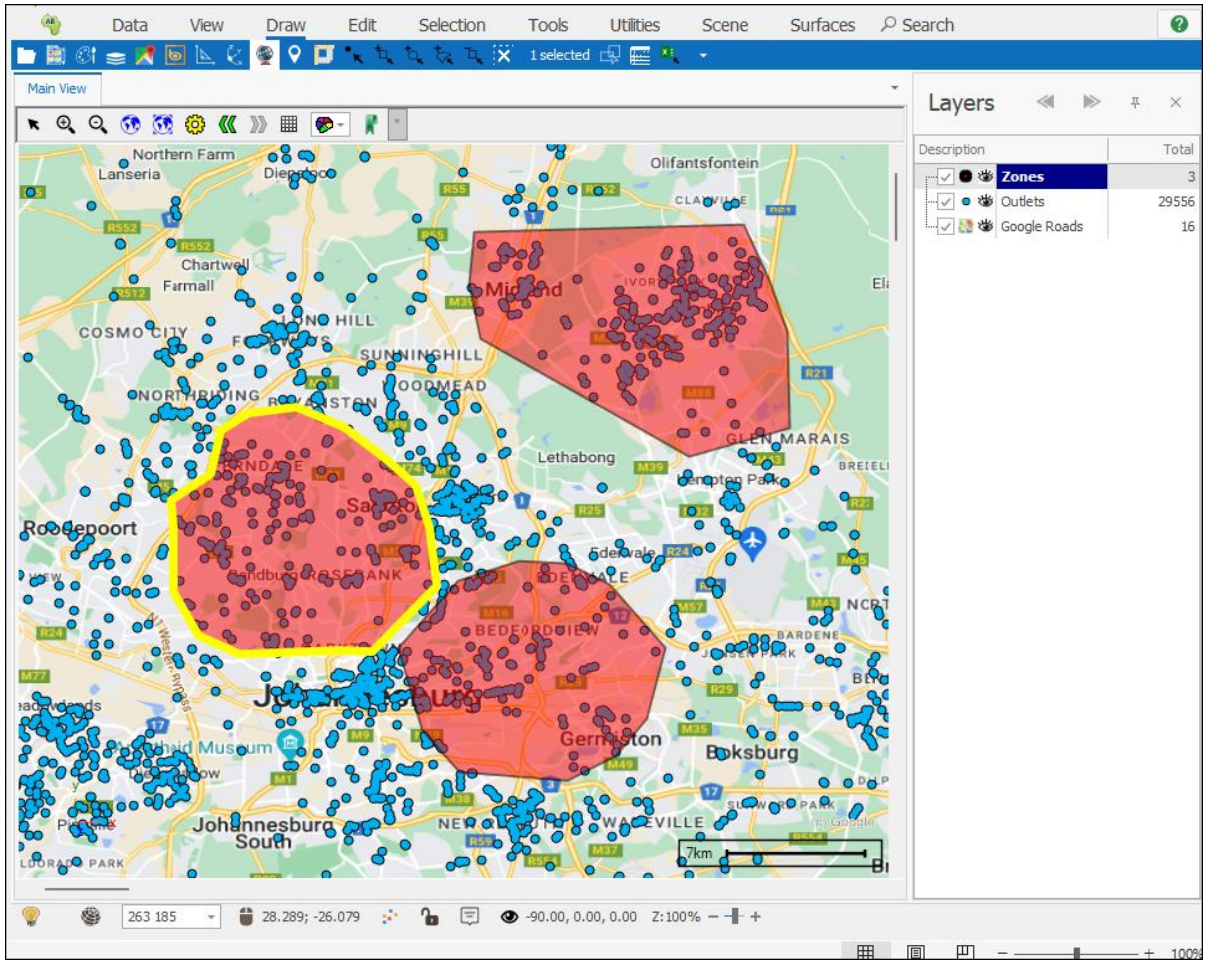

Layers
Description
Total
Outlets
29556
Properties
View Data...
Isolate
Zoom fit
Remove layer


Layer Properties - Outlets
General
Data
Styling
Text
Thematics
Projection
Input Transform
Event Scripts
Editing
All Properties
Colour Palette
Basic
Images and Icons
Line Images
Grid objects
Colour: 0, 176, 240
Selected Colour: 255, 255, 0
Size/Thickness: 6
Selected Thickness: 15
Fill selected
Pattern: Solid
Dash length: 1.0
Space length: 1.0
Borders
Thickness: 1
Colour: 0, 0, 0
Pattern: Solid
Dash length: 1.0
Space length: 1.0
OK
Apply
Cancel

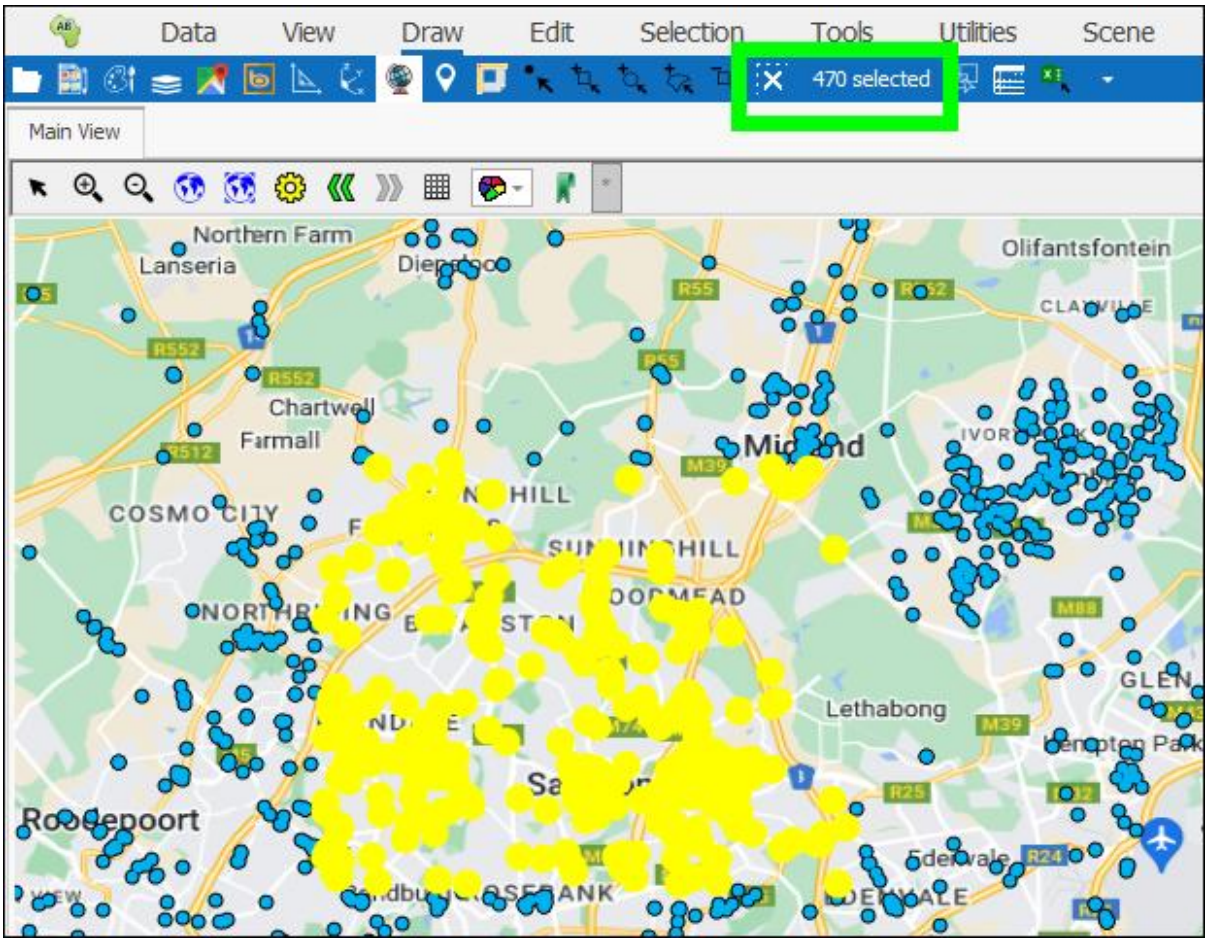


Fill selected can be ticked on if you want the entire element to be highlighted, otherwise just the border of the element is highlighted, this is in the case of polygon elements:

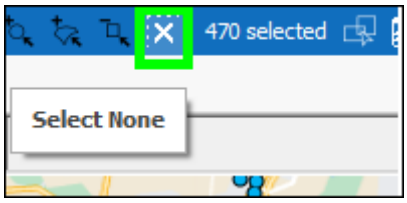

Layer Properties - Zones
General
Data
Styling
Text
Thematics
Projection
Input Transform
Event Scripts
Editing
All Properties
Colour Palette
Basic
Images and Icons
Line Images
Grid objects
Colour: 255, 0, 0
Selected Colour: 255, 255, 0
Size/Thickness: 6
Selected Thickness: 15
Fill selected
Pattern: Solid
Dash length: 1.0
Space length: 1.0
Borders
Thickness: 5
Colour: 0, 0, 0
Pattern: Solid
Dash length: 1.0
Space length: 1.0
OK
Apply
Cancel

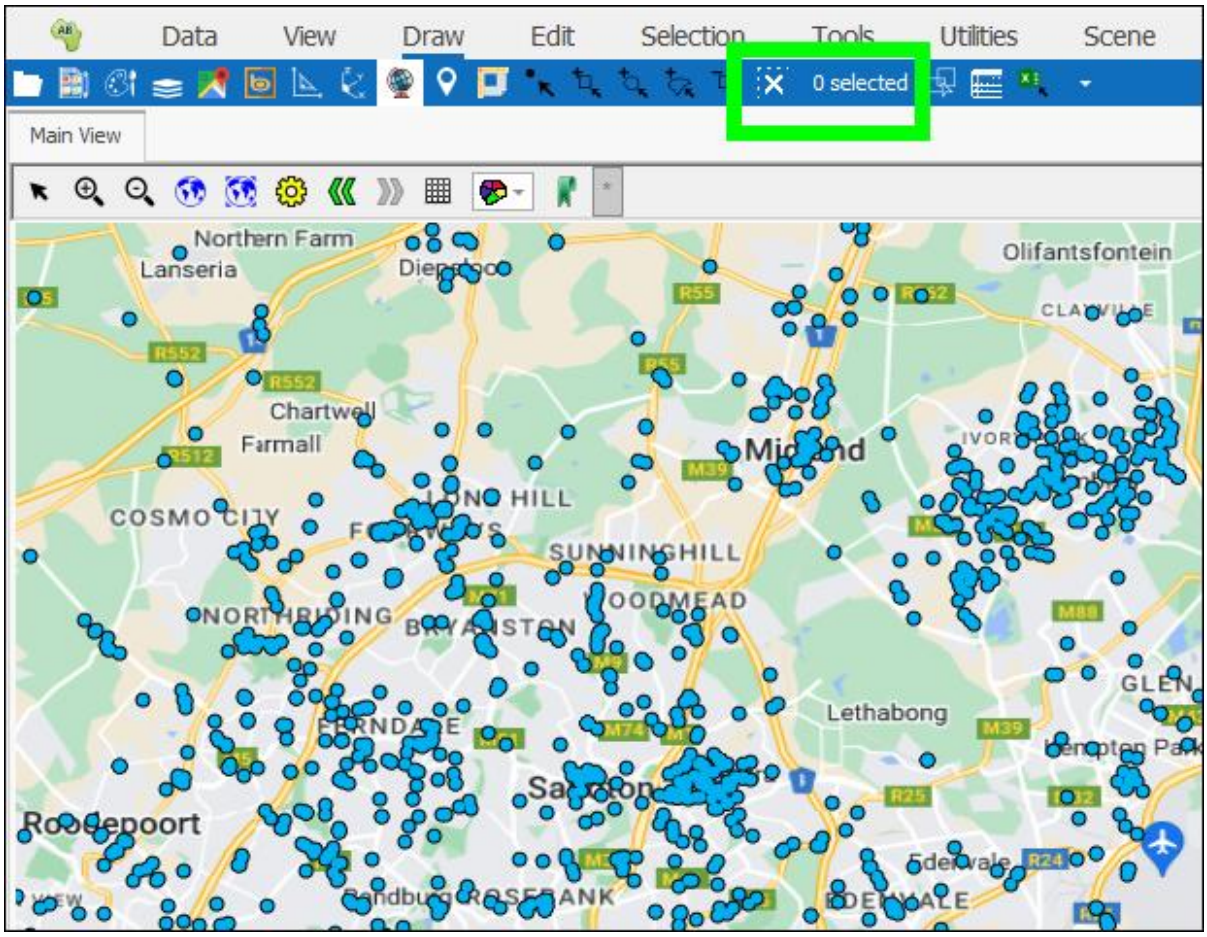

Data
View
Draw
Edit
Selection
Tools
Utilities
Scene
Surfaces
Search
1 selected
Main View
Layers
Description
Total
Zones
3
Outlets
29556
Google Roads
16
Northern Farm
Lanseria
Olifantsfontein
Chartwell
Farmall
Midrand
COSMO CITY
SUNNINGHILL
GLEN MARAIS
Lethabong
Roodepoort
Germiston
Boksburg
Johannesburg South
7km
263 185
28.289; -26.079
-90.00, 0.00, 0.00
Z:100%

As you select items in your scene, the number of selected items is displayed in the **Number of selected items** box in the blue Quick Access Toolbar:

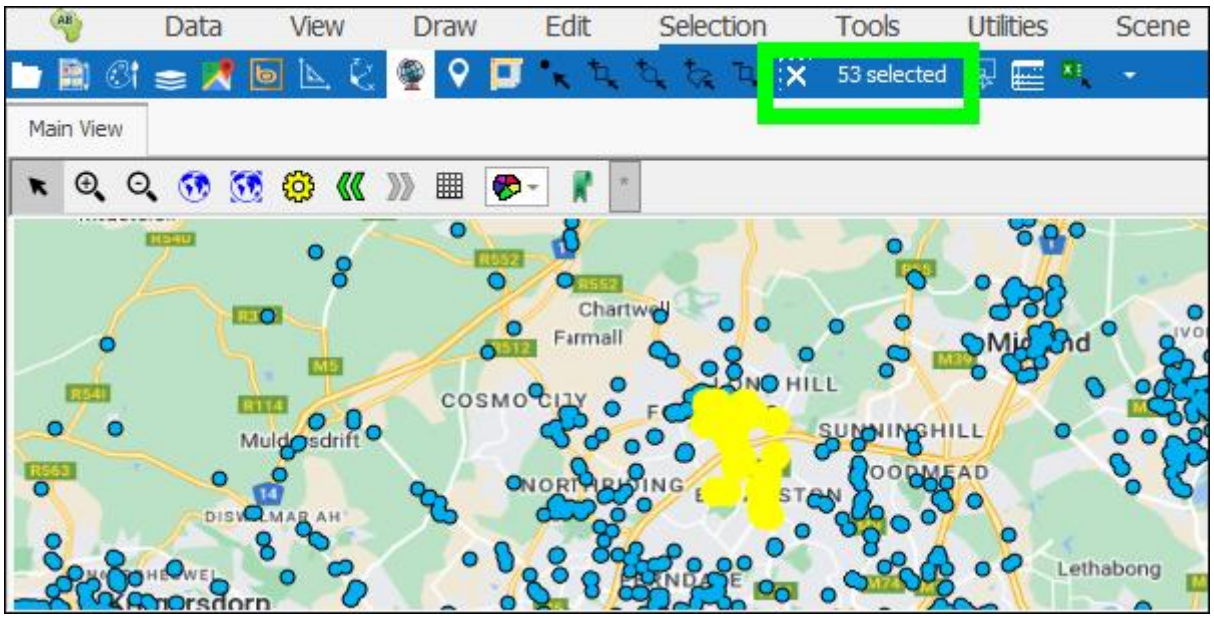


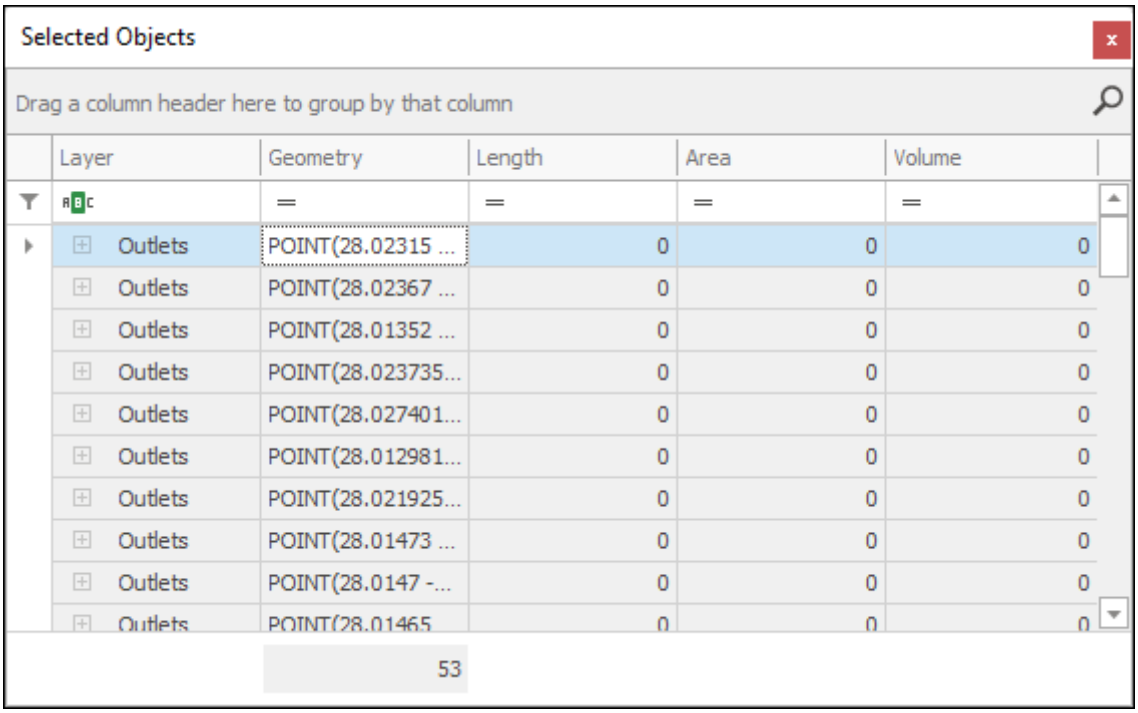
To clear the selection and have no elements selected you can simply click the **x** next to the number of selected items:



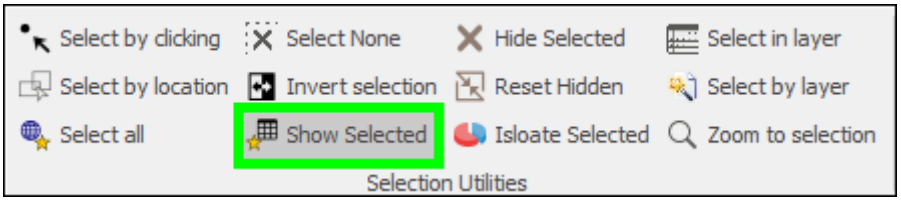


By clicking on the **Number of selected items** box you can bring up a dialogue showing the list of selected items with various data about them such as which layer they belong to etc.:

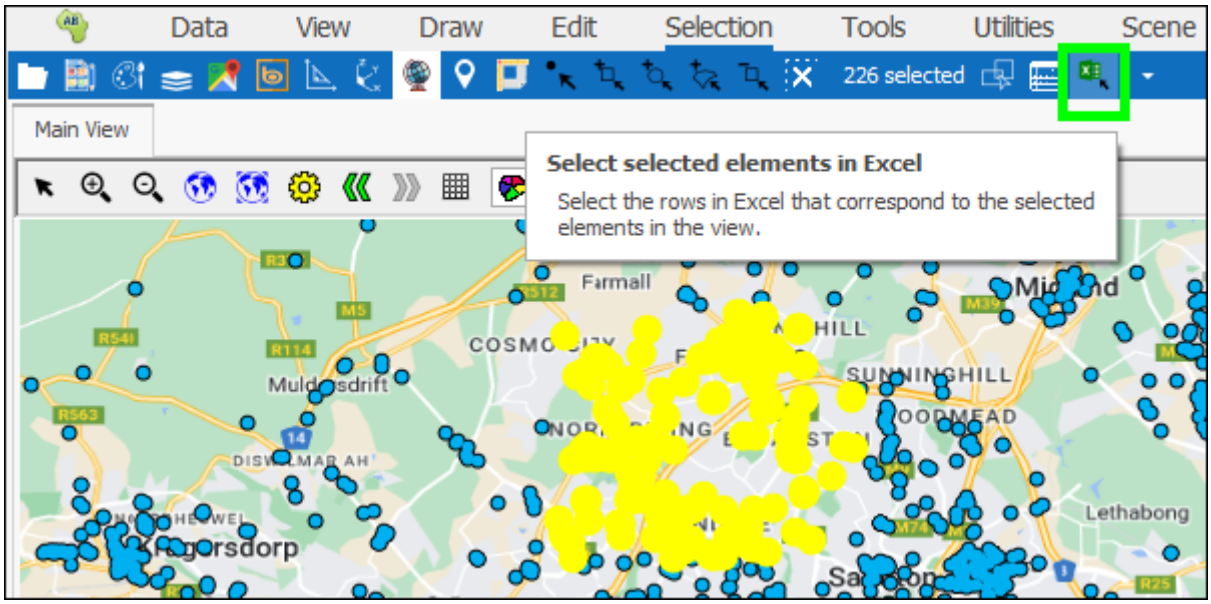




This dialogue can be accessed in the **Selection** tab as well (see *Show Selected* Tool).



Once you have selected items in your scene you can then have the associated attribute data rows selected as well in Excel, in the case of SpatialXL. This can be done by clicking the **Select selected elements in Excel** button in the Quick Access Toolbar:

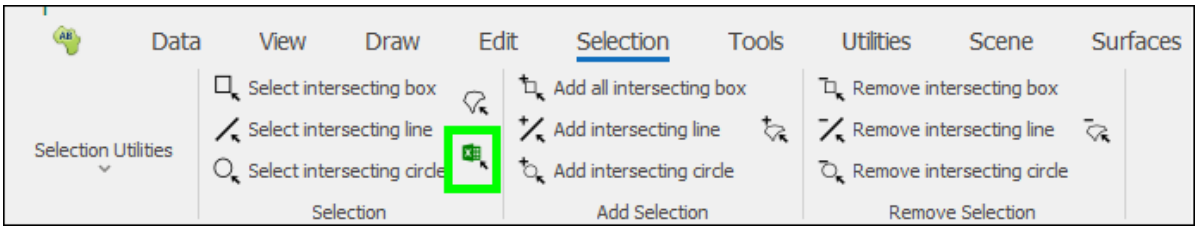

Data
View
Draw
Edit
Selection
Tools
Utilities
Scene
226 selected
Main View
Select selected elements in Excel
Select the rows in Excel that correspond to the selected elements in the view.
Farmall
SUNNINGHILL
Lethabong

Select in Excel
Select
Colour Background
Colour Text

	A	B	C	D	E	F	
1	CODE	CUSTOMER NAME	LONGITUDE	LATITUDE	PROVINCE	REGION	MUNICIPALITY
29143	15389	BP~MARYVALE SERVICE STATION	28.085566	-26.156295	GAUTENG	Western Gauteng	CITY OF JOHANNE
29144	15239	LIQUOR & ICE	28.083437	-26.16331	GAUTENG	Western Gauteng	CITY OF JOHANNE
29145	964	KHAN SUPERMARKET	28.019984	-26.205384	GAUTENG	Western Gauteng	CITY OF JOHANNE
29146	35644	MALIHA HAWKERSLINE SUPERMARKET	28.045099	-26.194616	GAUTENG	Western Gauteng	CITY OF JOHANNE
29147	21275	BP~NORWOOD	28.076379	-26.15978	GAUTENG	Western Gauteng	CITY OF JOHANNE
29148	20492	FRESH PRODUCE OF ALEXANDER	28.056757	-26.086678	GAUTENG	Western Gauteng	CITY OF JOHANNE
29149	28531	DIPANANA ENTERPRISE	28.097368	-26.108228	GAUTENG	Western Gauteng	CITY OF JOHANNE
29150	5528	SIMUNYE LIQUOR STORE	28.102121	-26.112007	GAUTENG	Western Gauteng	CITY OF JOHANNE
29151	8188	PRINCESS COURT TUCKSHOP	28.099928	-26.10954	GAUTENG	Western Gauteng	CITY OF JOHANNE
29152	22674	NUTS ABOUT YOU	27.99476	-26.03876	GAUTENG	Western Gauteng	CITY OF JOHANNE
29153	36619	MAFAHLA SUPERMARKET	28.00637	-25.92734	GAUTENG	Western Gauteng	CITY OF JOHANNE
29154	8149	PICK N PAY LIQUOR~CEDAR SQUARE	28.002104	-26.021011	GAUTENG	Western Gauteng	CITY OF JOHANNE
29155	27941	RIETFONTEIN SUPERMARKET	27.78014	-26.030504	GAUTENG	Western Gauteng	MOGALE CITY MU
29156	29227	THE MATADOR~BOTTLE STORE	27.977972	-26.105134	GAUTENG	Western Gauteng	CITY OF JOHANNE
29157	22342	THE BILTONG NOOK	28.075001	-26.066735	GAUTENG	Western Gauteng	CITY OF JOHANNE
29158	4235	365 LIQUOR STORE PETER ROAD	27.9021	-26.06271	GAUTENG	Western Gauteng	CITY OF JOHANNE
29159	29745	BEST BUY LIQUORS	27.972026	-26.091983	GAUTENG	Western Gauteng	CITY OF JOHANNE
29160	8894	LADS ZANDSPRUIT	27.90232	-26.06241	GAUTENG	Western Gauteng	CITY OF JOHANNE
29161	31977	COSMIC CANDY MONTECASINO	28.009397	-26.032506	GAUTENG	Western Gauteng	CITY OF JOHANNE
29162	12857	PLUMBERS & IRRIGATION WAREHOUSE	27.9463	-26.033077	GAUTENG	Western Gauteng	CITY OF JOHANNE
29163	39500	SAVE RITE SUPERMARKET	27.954422	-26.060841	GAUTENG	Western Gauteng	CITY OF JOHANNE
29164	25134	FRIENDLY 7 ELEVEN~WELTEVREDENPARK	27.91616	-26.13144	GAUTENG	Western Gauteng	CITY OF JOHANNE
29165	8240	SMOKIN BOOKS	27.98414	-26.14542	GAUTENG	Western Gauteng	CITY OF JOHANNE
29166	19153	WEILERS FARMS LIQUORS	27.91021	-26.42385	GAUTENG	Western Gauteng	MIDVAAL MUNICI
29167	25383	KHASHRU & BROTHERS	26.662879	-26.86401	NORTH WEST	Western Gauteng	CITY COUNCIL OF
29168	12542	JC TUCKSHOP	27.825043	-26.281938	GAUTENG	Western Gauteng	CITY OF JOHANNE
29169	38832	NDABA SPAZATAINER	27.82082	-26.24203	GAUTENG	Western Gauteng	CITY OF JOHANNE
29170	25629	CICRO INTERNET CAFE	27.846655	-26.26062	GAUTENG	Western Gauteng	CITY OF JOHANNE
29171	24804	MAKHETHENG GENERAL DEALER	27.833639	-26.25541	GAUTENG	Western Gauteng	CITY OF JOHANNE
29172	35995	MTHEMBU'S CIGARETTES	27.875457	-26.224406	GAUTENG	Western Gauteng	CITY OF JOHANNE
29173	39965	HAPPY COW BUTCHERY	27.852	-26.2688	GAUTENG	Western Gauteng	CITY OF JOHANNE
29174	23626	MOLETSANE CASH STORE	27.8489	-26.2566	GAUTENG	Western Gauteng	CITY OF JOHANNE
29175	856	MBATHAS TUCKSHOP	27.855699	-26.259091	GAUTENG	Western Gauteng	CITY OF JOHANNE
29176	27171	MOTSHOANE GENERAL DEALER	27.8566	-26.2664	GAUTENG	Western Gauteng	CITY OF JOHANNE
29177	34655	PROGRESS PICK A SPAZA	27.8564	-26.2659	GAUTENG	Western Gauteng	CITY OF JOHANNE
29178	36420	LEFAFATSANE TRADING	27.849726	-26.252456	GAUTENG	Western Gauteng	CITY OF JOHANNE

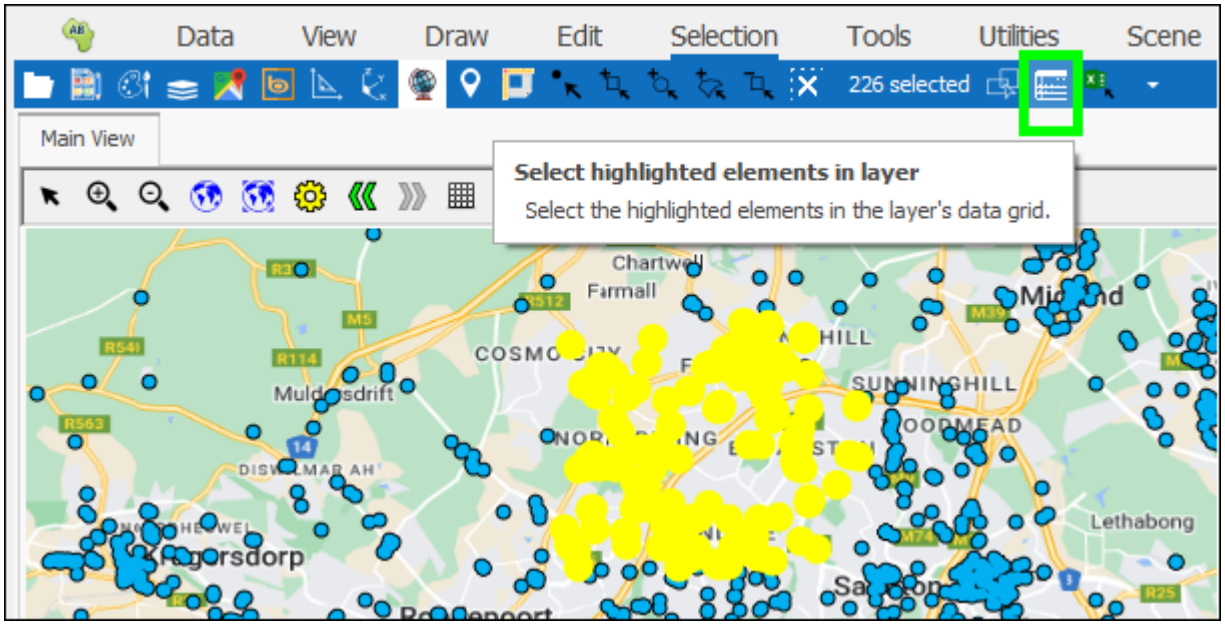
Retail_Outlets

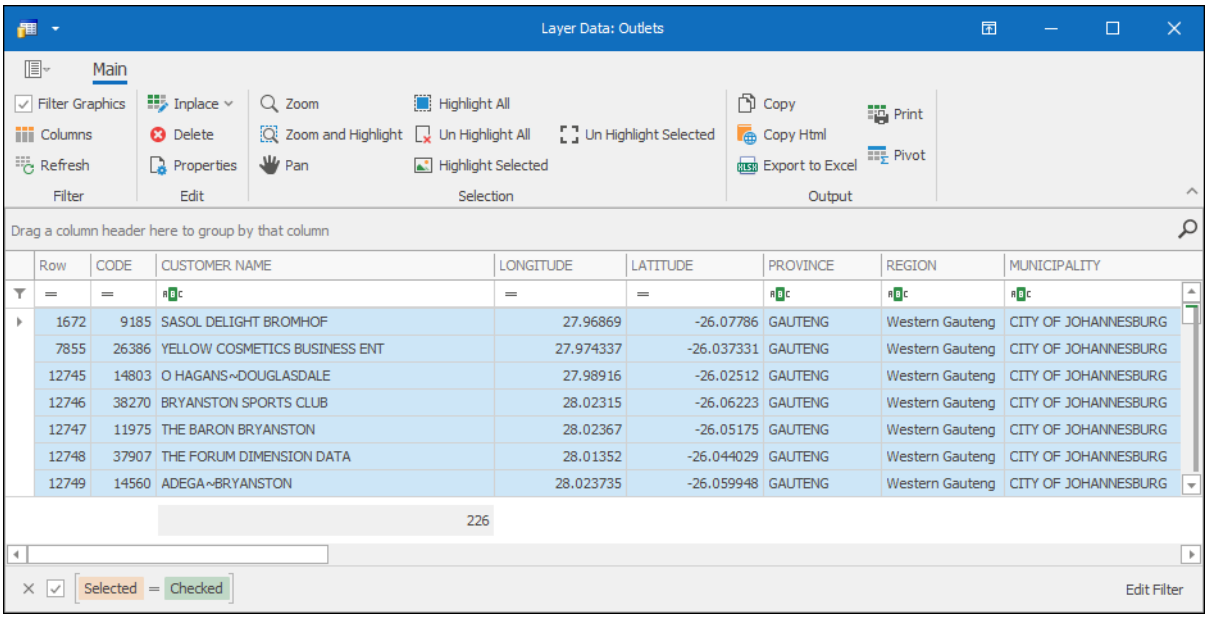
This tool is also available in the **Selection** tab:

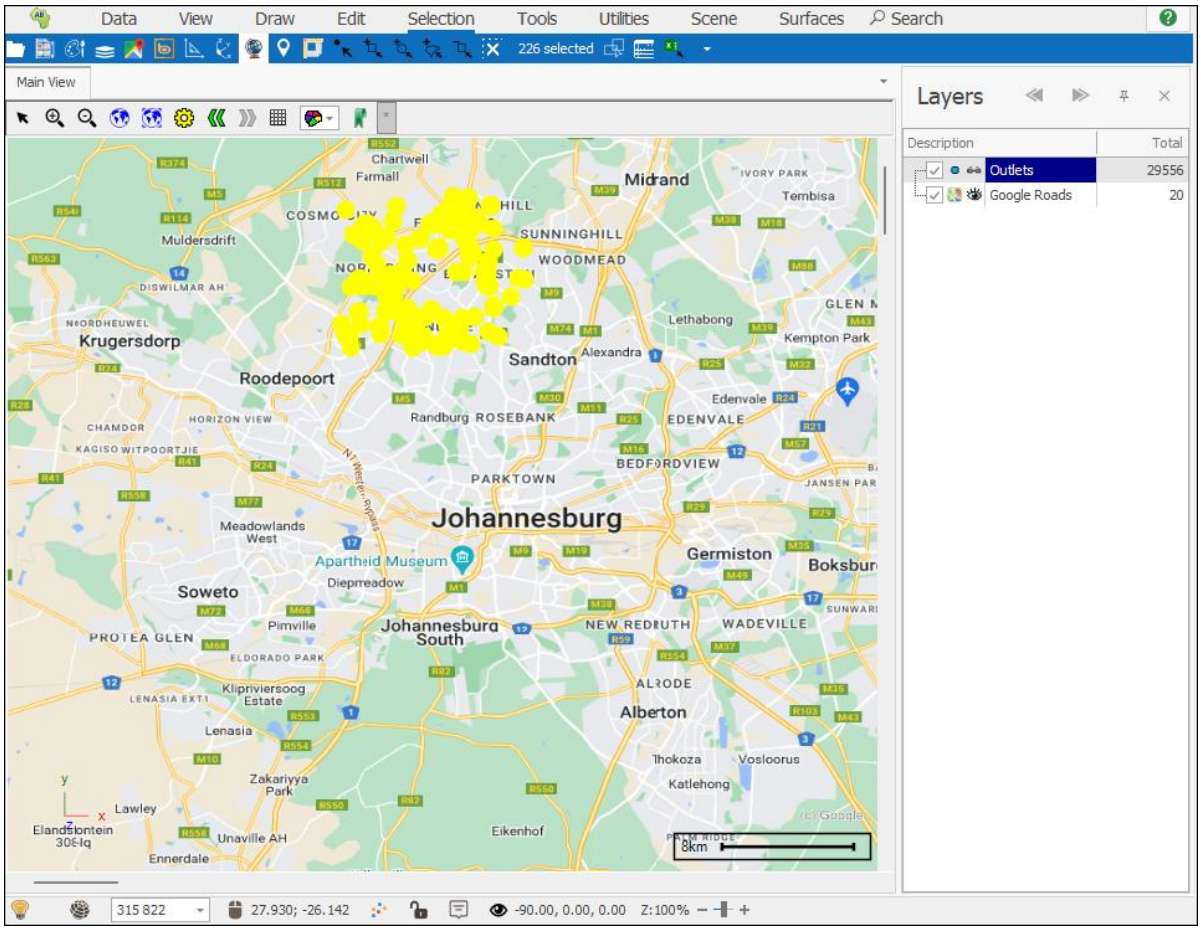


For full data on the **Select selected elements in Excel** tool refer to the *Select selected elements in Excel* section where this tool is covered.

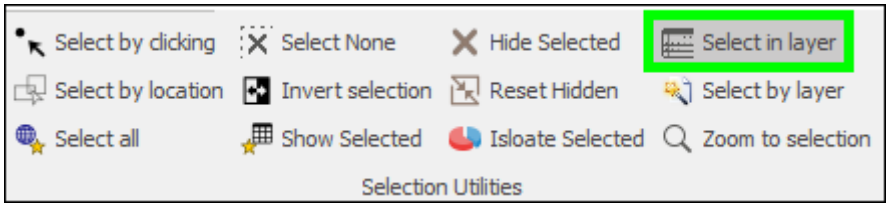
You can have the associated attribute data rows selected in the Layer Data Grid of the layer you are selecting elements in by clicking the **Select highlighted elements in layer** button in the Quick Access Toolbar, this will bring up the grid and filter out the associated rows, which will filter your scene as well:





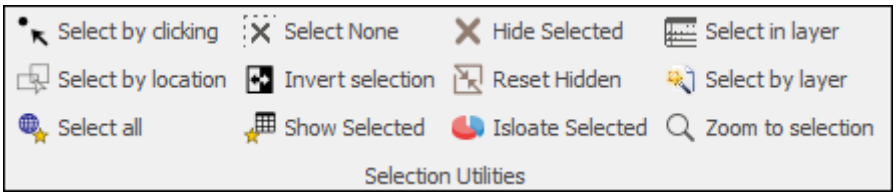


This tool is also available in the Selection tab, Selection Utilities section:



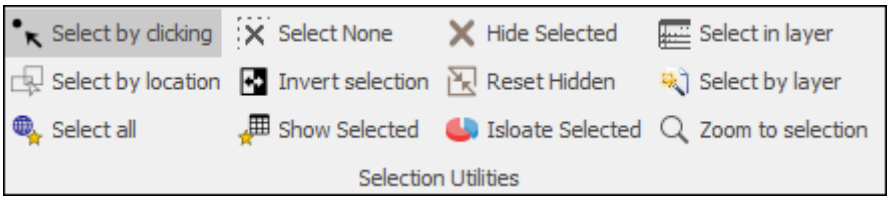
For full data on the Layer Data Grid and how it works refer to the *Layer Data Grid Guide*.

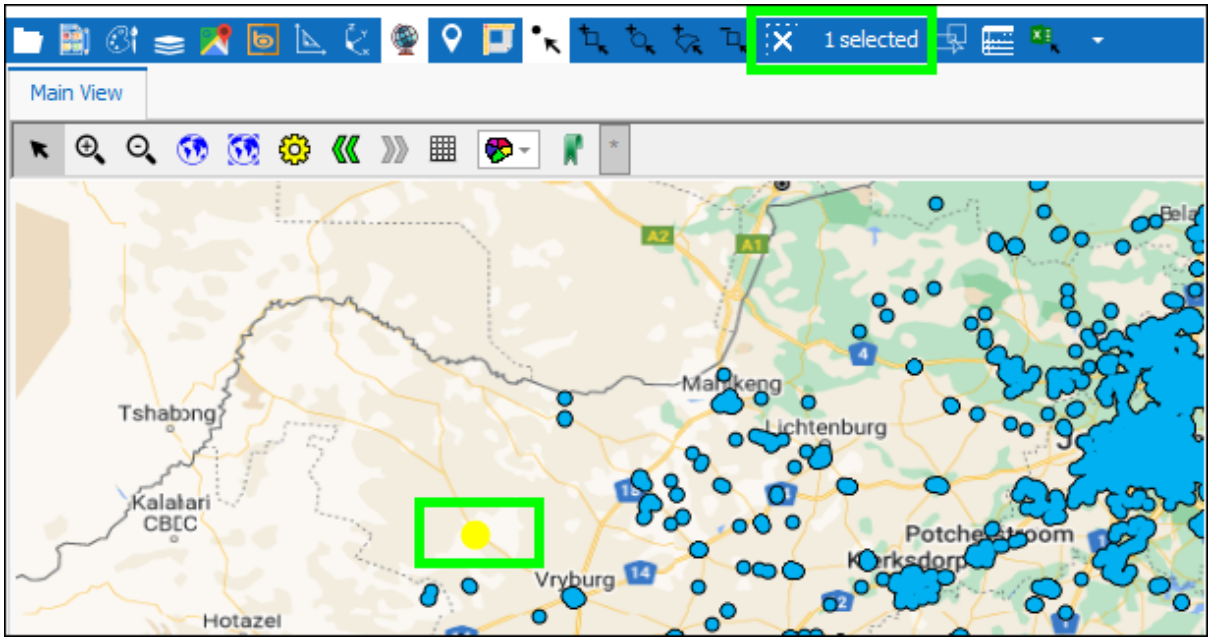
Selection Utilities



Select by clicking

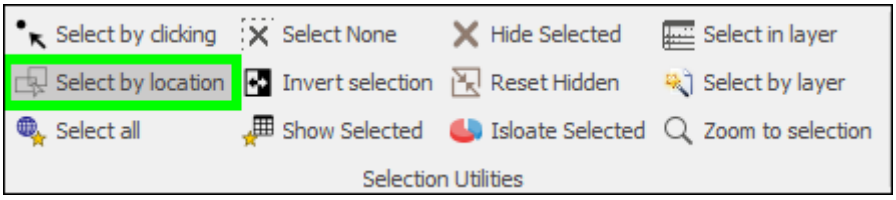
The **Select by clicking** tool allows you to select individual elements in your scene by clicking; by clicking on the same element again you can unselect it. This tool will be greyed in the tab when you select it indicating that it is now active, the tool will remain active until you select it again at which point it will be ungreyed and no longer active:



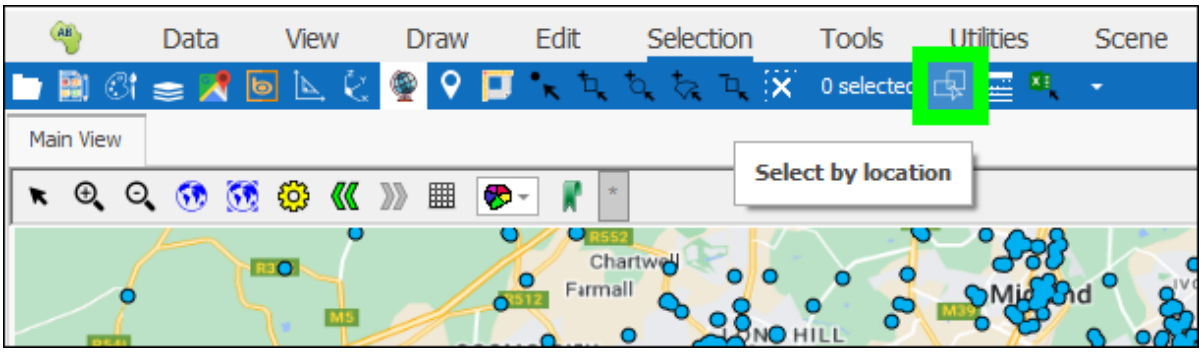


Select by location

The **Select by location** tool is very useful and allows you to select elements based on their intersection with, distance from etc. another element or elements, such as selecting all points that fall within a polygon area. For full data on how this tool works refer to the *Select by Location guide*:

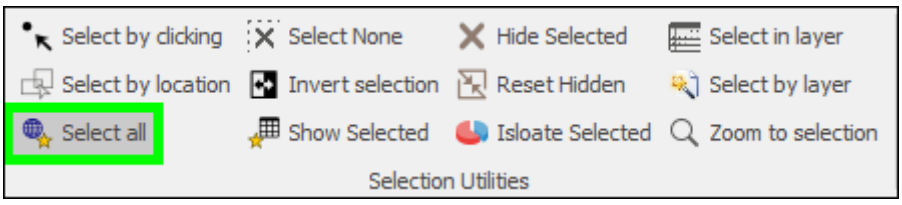


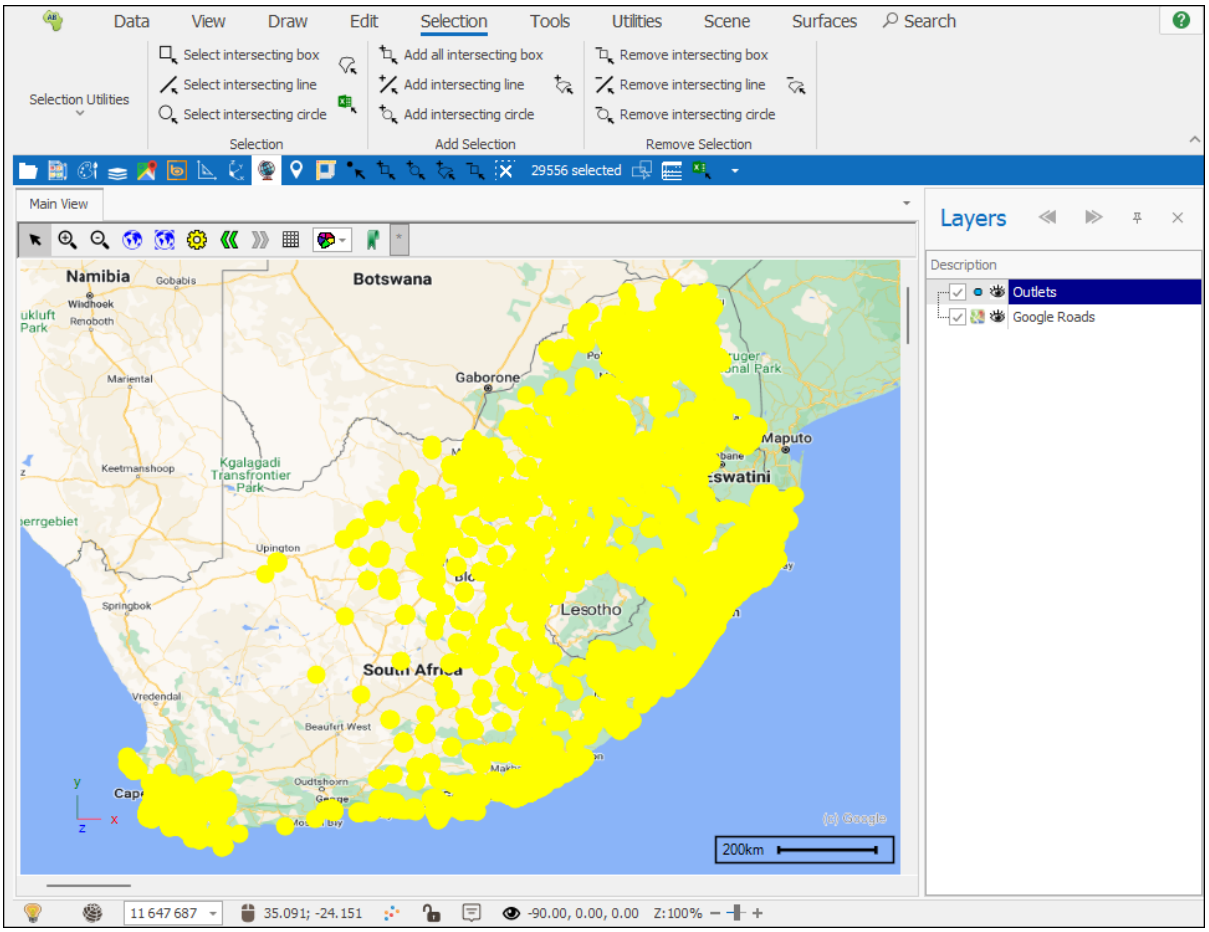
This tool can also be accessed from the Quick Access Toolbar:



Select all

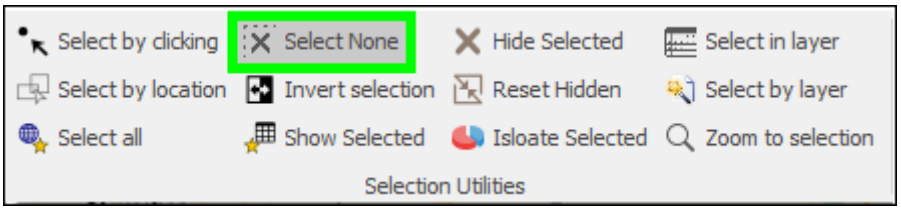
The **Select all** button will select every element in every layer:

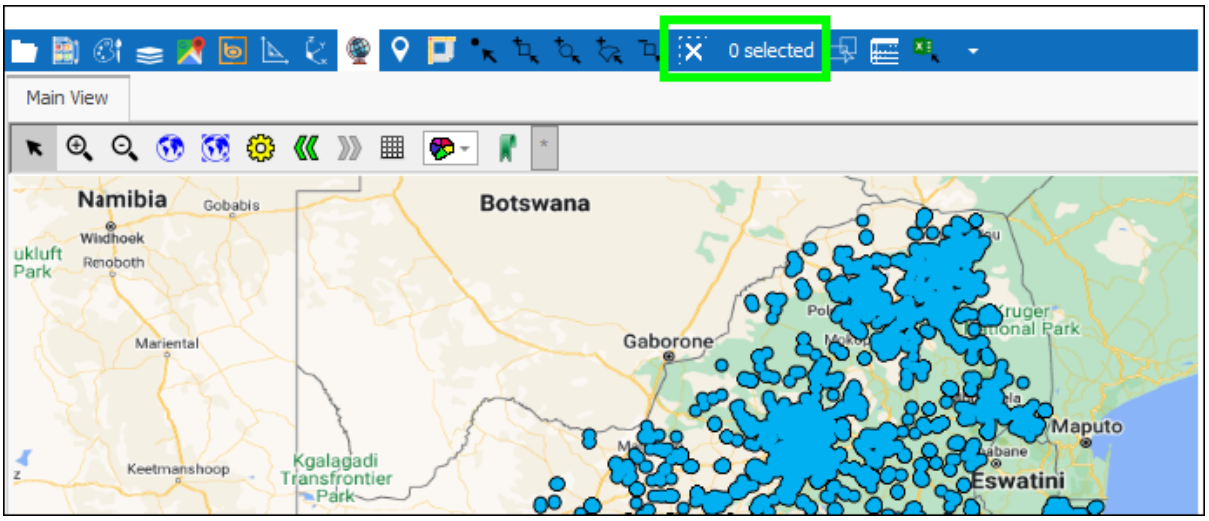




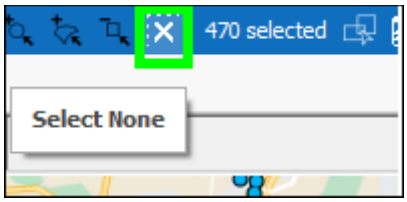
Select None

The **Select None** button will clear all selected elements:



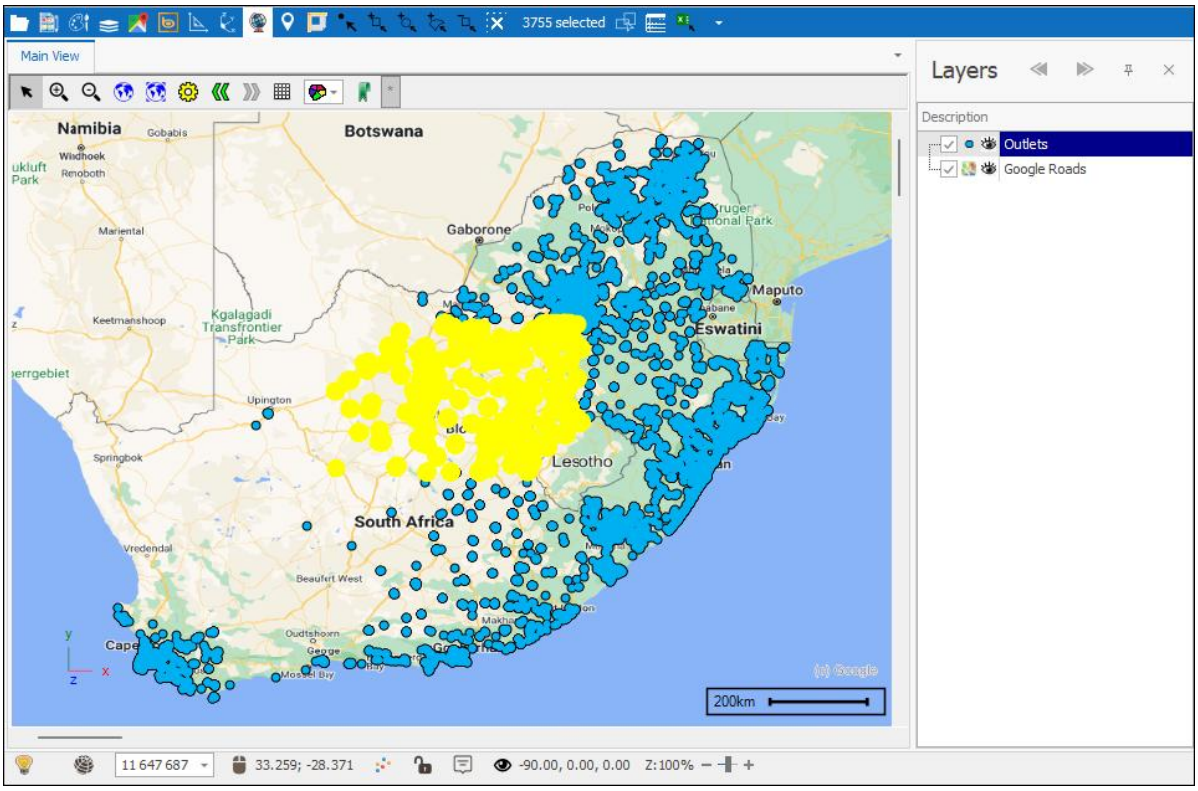


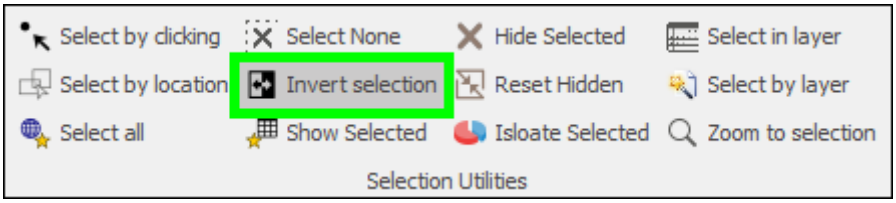
This same function can be accomplished by clicking the **x** next to the Number of selected items box in the Quick Access Toolbar:

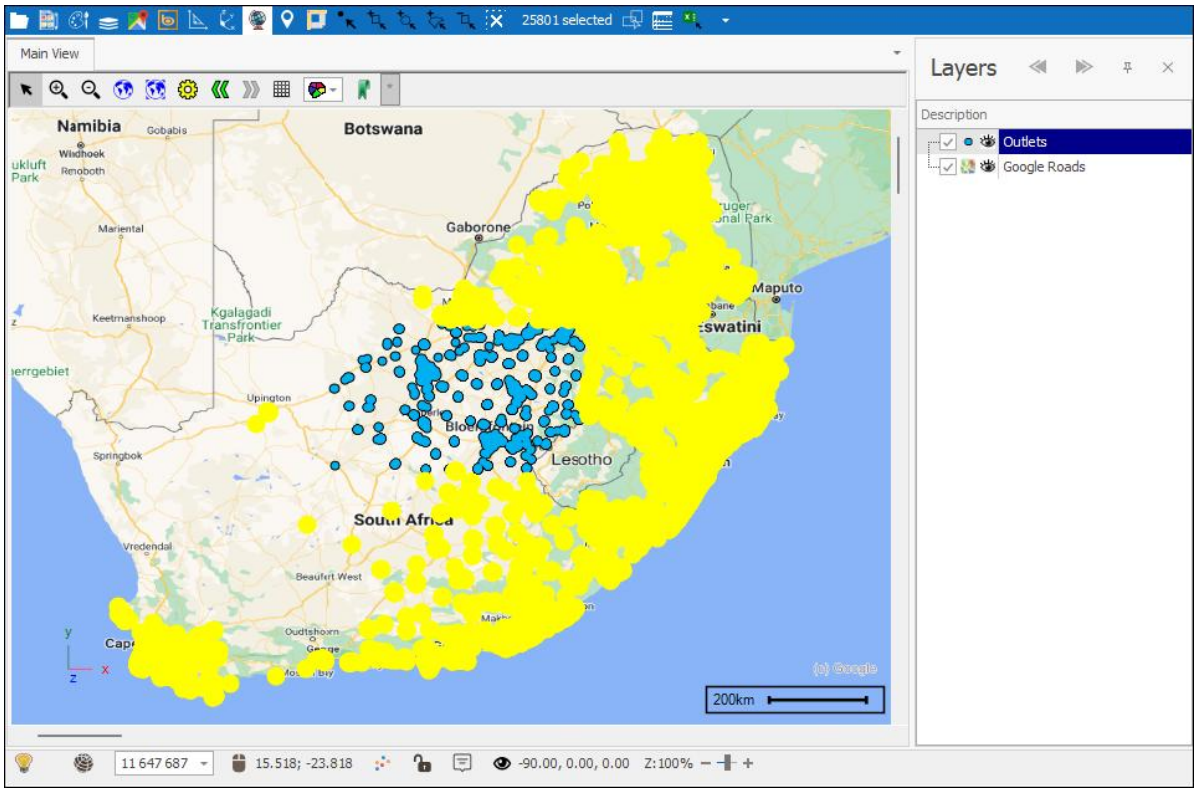


Invert Selection

Invert Selection will switch your selection around so that all currently selected elements are unselected, and all unselected elements are now selected:

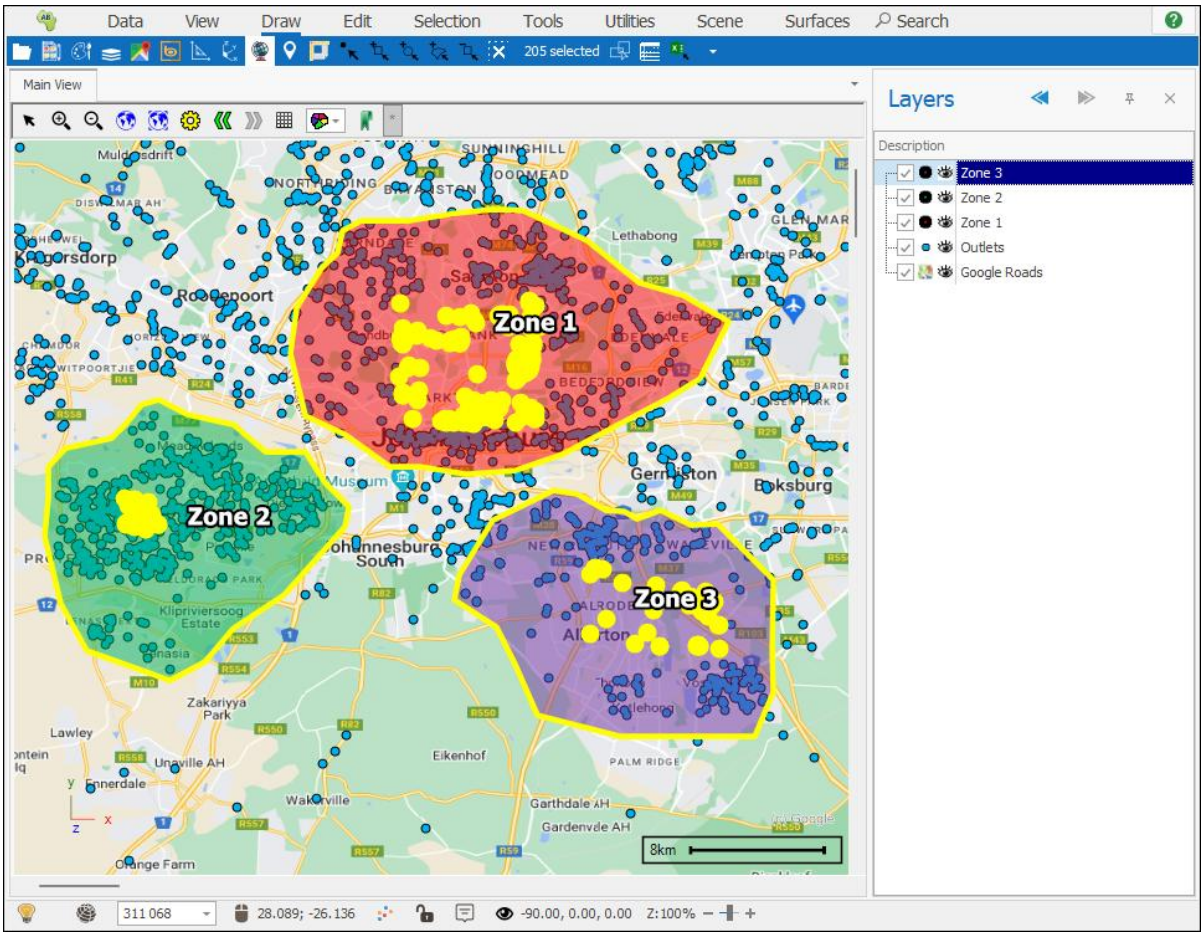

3755 selected
Main View
Layers
Description
Outlets
Google Roads
Namibia
Botswana
Gaborone
Maputo
Eswatini
Lesotho
South Africa
Springbok
Upington
Keetmanshoop
Kgalagadi Transfrontier Park
Mariental
Windhoek
Vredendal
Beaufort West
200km
11 647 687
33.259; -28.371
-90.00, 0.00, 0.00
Z:100%

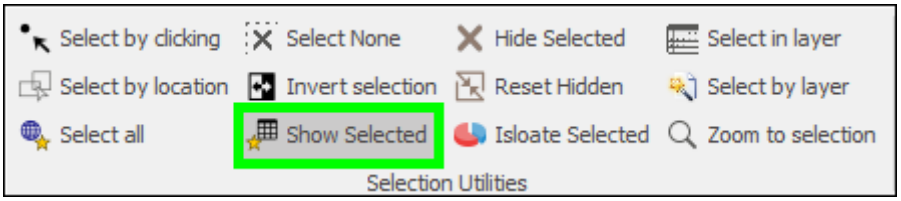

Select by clicking
Select None
Hide Selected
Select in layer
Select by location
Invert selection
Reset Hidden
Select by layer
Select all
Show Selected
Isloate Selected
Zoom to selection
Selection Utilities

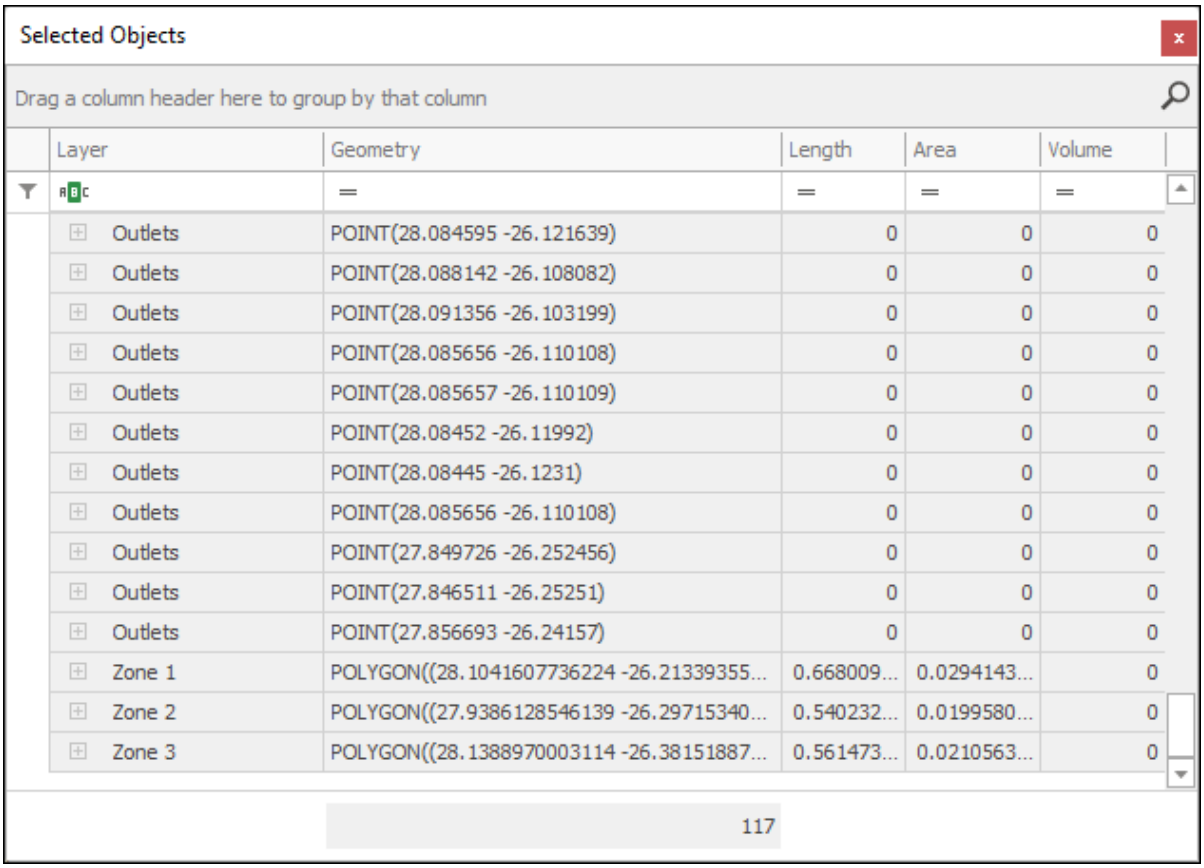


Show Selected

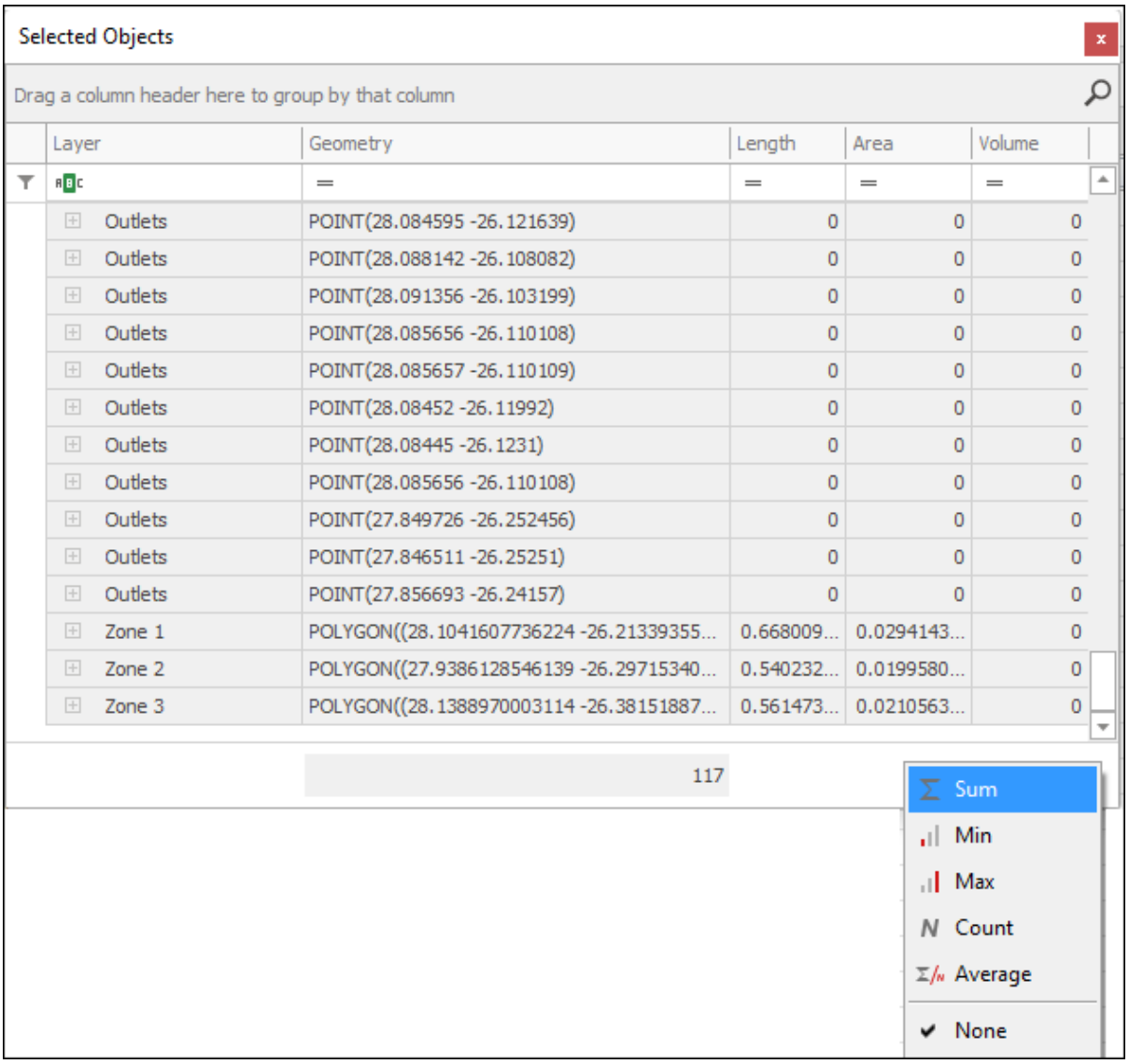
Show Selected will bring up a dialogue showing a list of the selected objects with data such as the Layer each object belongs to, its Geometry, as well as its Length, Area and Volume:

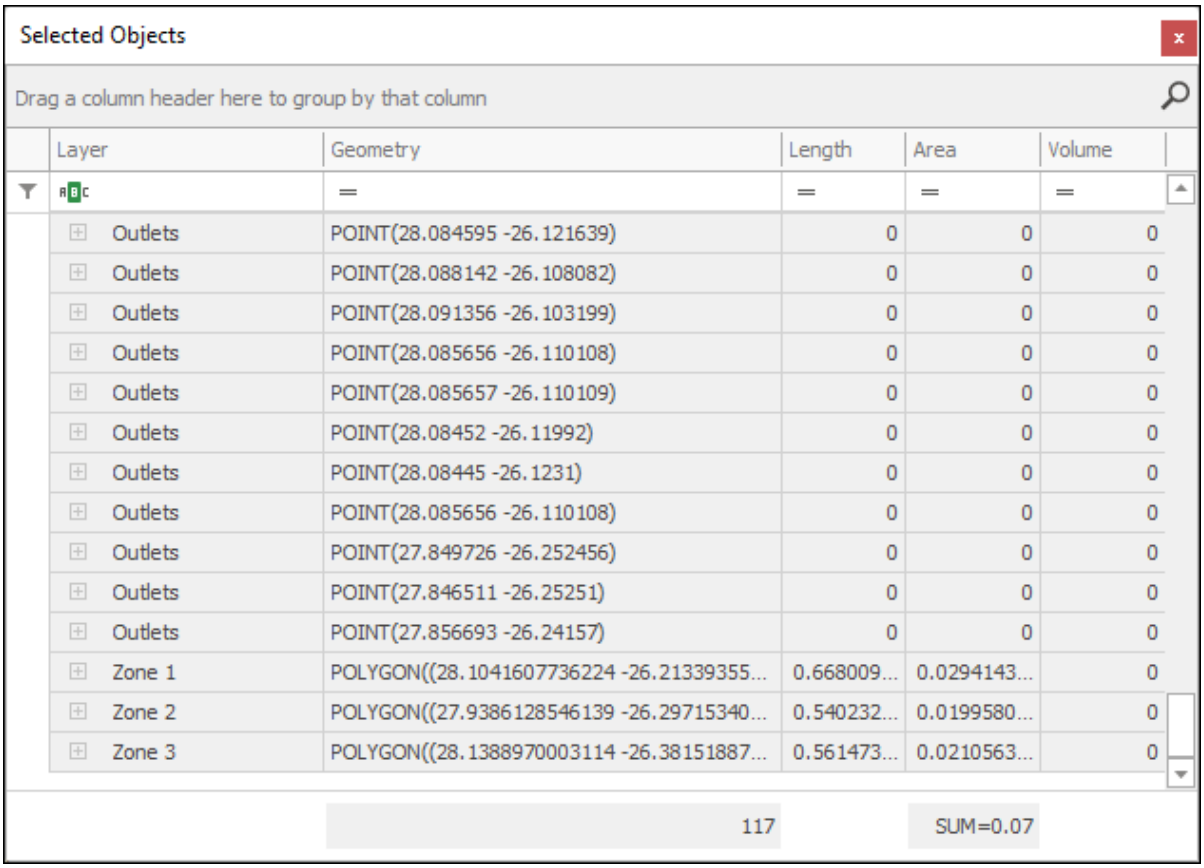

Data
View
Draw
Edit
Selection
Tools
Utilities
Scene
Surfaces
Search
205 selected
Main View
Layers
Description
Zone 3
Zone 2
Zone 1
Outlets
Google Roads
Zone 1
Zone 2
Zone 3
8km
311 068
28.089; -26.136
-90.00, 0.00, 0.00
Z:100%


Select by clicking
Select None
Hide Selected
Select in layer
Select by location
Invert selection
Reset Hidden
Select by layer
Select all
Show Selected
Isloate Selected
Zoom to selection
Selection Utilities

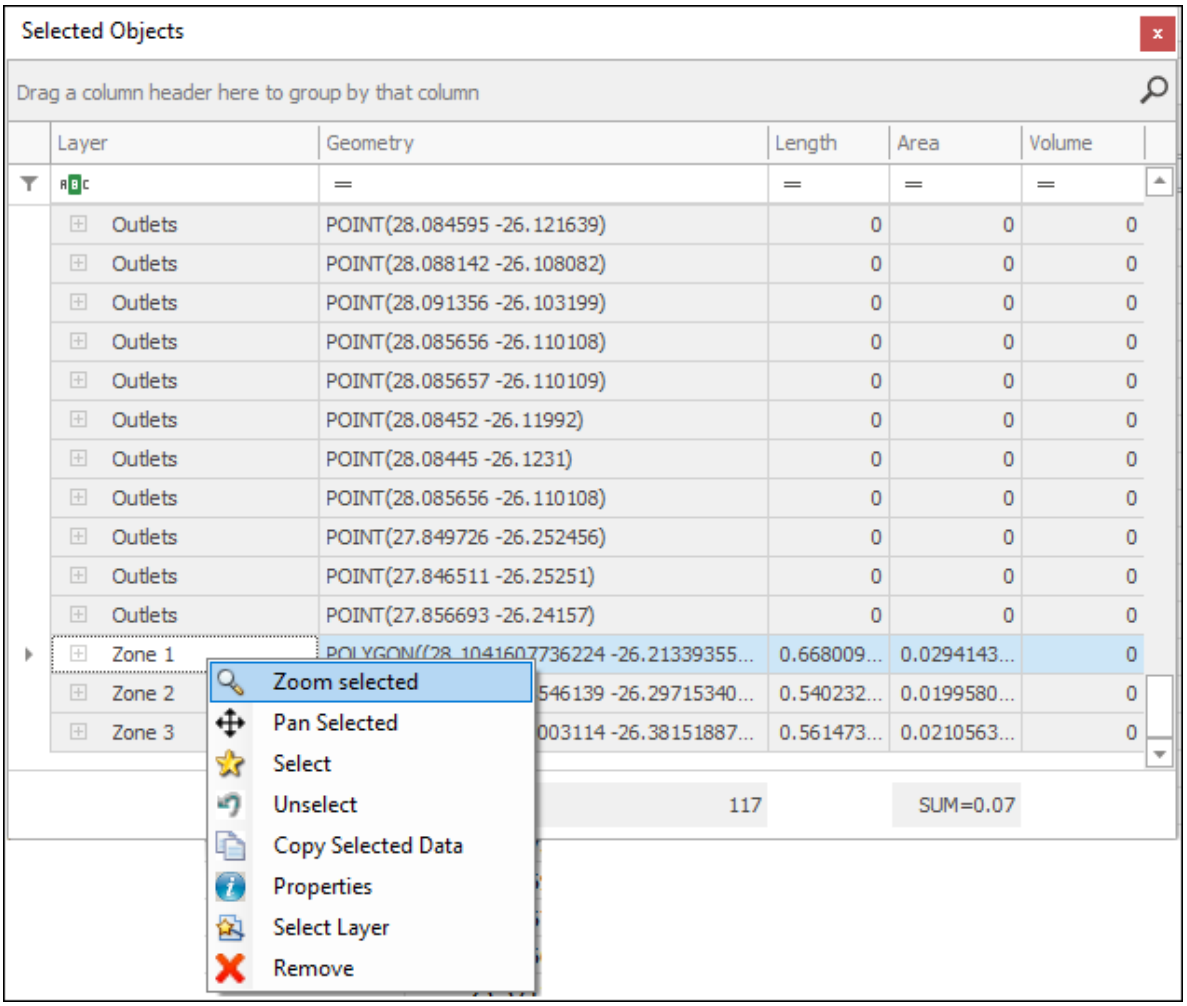


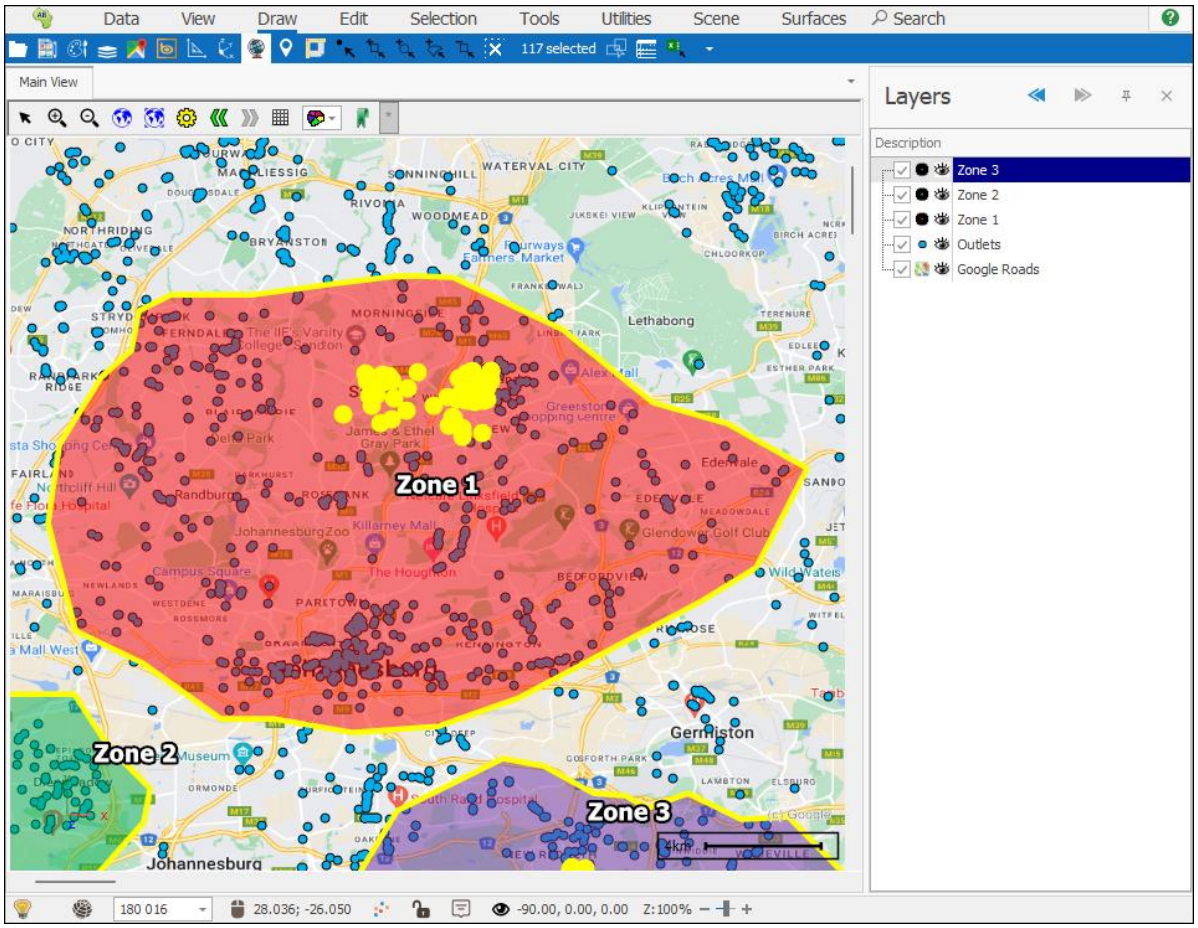
A count of the selected items is shown at the bottom of the Geometry column. You can get Counts and Sums etc. of the data in this grid by right clicking at the bottom of any column and selecting the desired aggregation:


Selected Objects
Drag a column header here to group by that column
Layer
Geometry
Length
Area
Volume
Outlets POINT(28.084595 -26.121639) 0 0 0
Outlets POINT(28.088142 -26.108082) 0 0 0
Outlets POINT(28.091356 -26.103199) 0 0 0
Outlets POINT(28.085656 -26.110108) 0 0 0
Outlets POINT(28.085657 -26.110109) 0 0 0
Outlets POINT(28.08452 -26.11992) 0 0 0
Outlets POINT(28.08445 -26.1231) 0 0 0
Outlets POINT(28.085656 -26.110108) 0 0 0
Outlets POINT(27.849726 -26.252456) 0 0 0
Outlets POINT(27.846511 -26.25251) 0 0 0
Outlets POINT(27.856693 -26.24157) 0 0 0
Zone 1 POLYGON((28.1041607736224 -26.21339355... 0.668009... 0.0294143... 0
Zone 2 POLYGON((27.9386128546139 -26.29715340... 0.540232... 0.0199580... 0
Zone 3 POLYGON((28.1388970003114 -26.38151887... 0.561473... 0.0210563... 0
117
Sum
Min
Max
Count
Average
None

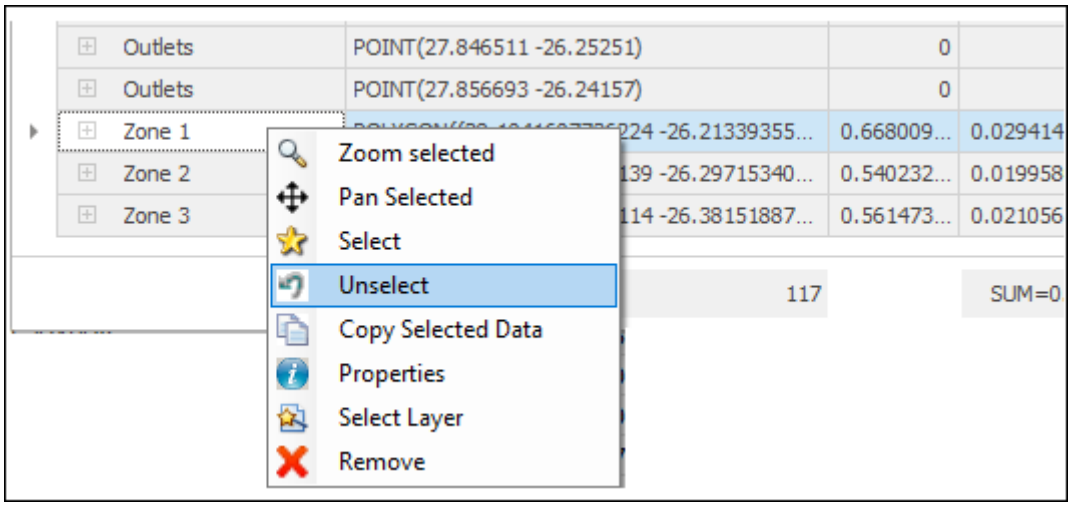


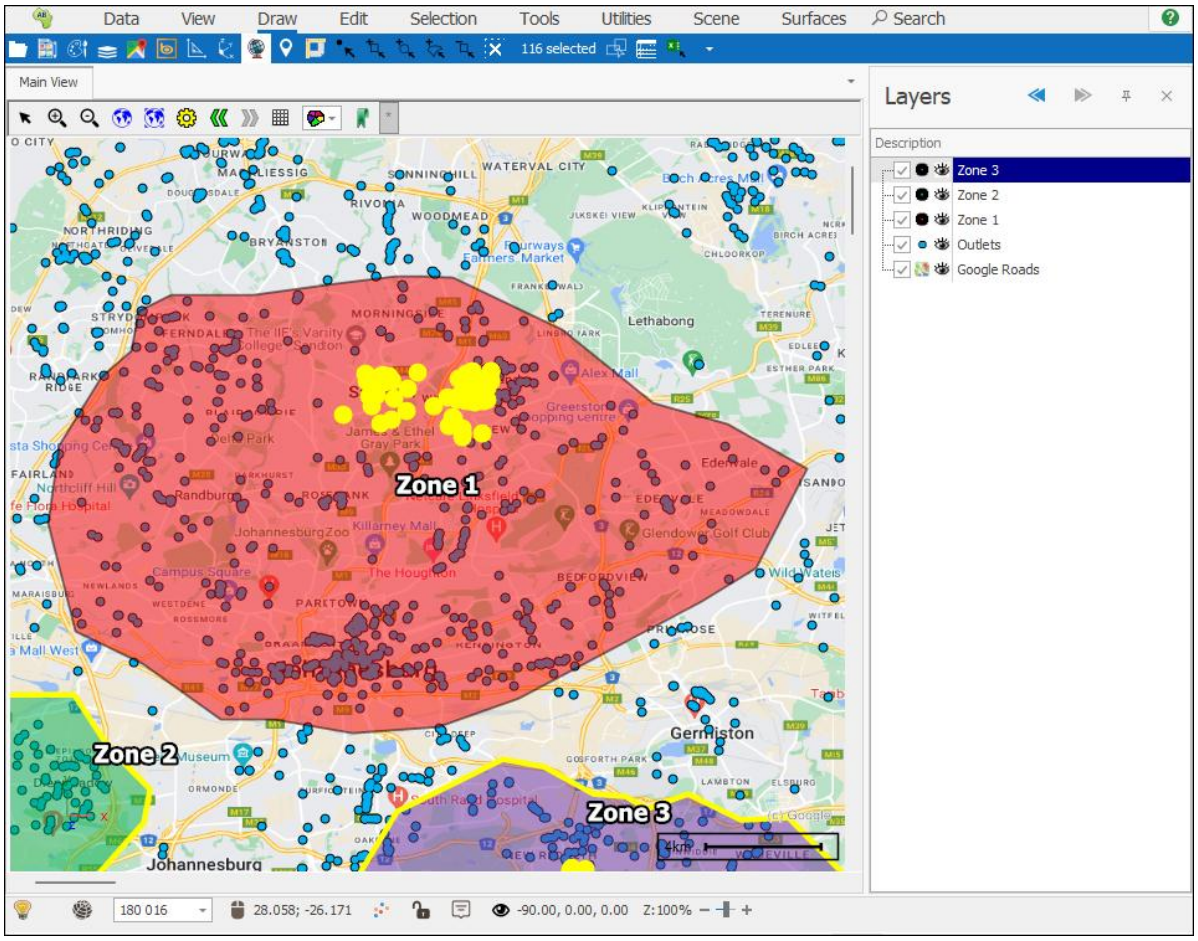
You can zoom or pan to a specific item in the scene by right clicking on it in the grid and selecting **Zoom Selected/Pan Selected**:


Selected Objects
Drag a column header here to group by that column
Layer
Geometry
Length
Area
Volume
Outlets POINT(28.084595 -26.121639) 0 0 0
Outlets POINT(28.088142 -26.108082) 0 0 0
Outlets POINT(28.091356 -26.103199) 0 0 0
Outlets POINT(28.085656 -26.110108) 0 0 0
Outlets POINT(28.085657 -26.110109) 0 0 0
Outlets POINT(28.08452 -26.11992) 0 0 0
Outlets POINT(28.08445 -26.1231) 0 0 0
Outlets POINT(28.085656 -26.110108) 0 0 0
Outlets POINT(27.849726 -26.252456) 0 0 0
Outlets POINT(27.846511 -26.25251) 0 0 0
Outlets POINT(27.856693 -26.24157) 0 0 0
Zone 1 0.668009... 0.0294143... 0
Zone 2 0.540232... 0.0199580... 0
Zone 3 0.561473... 0.0210563... 0
117
SUM=0.07
Zoom selected
Pan Selected
Select
Unselect
Copy Selected Data
Properties
Select Layer
Remove

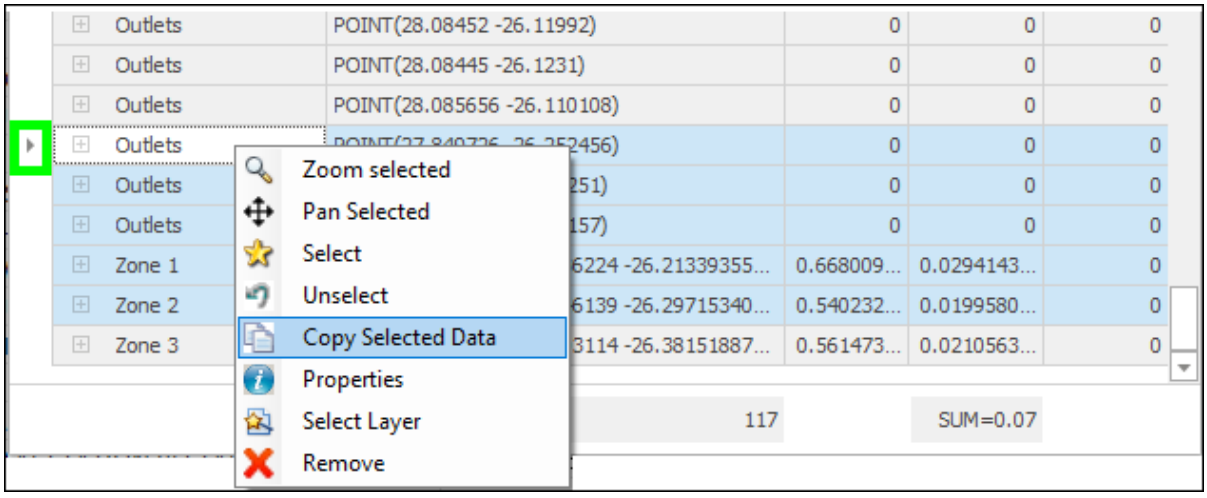


Elements can be selected and unselected by right clicking on them and clicking **Select/Unselect**:

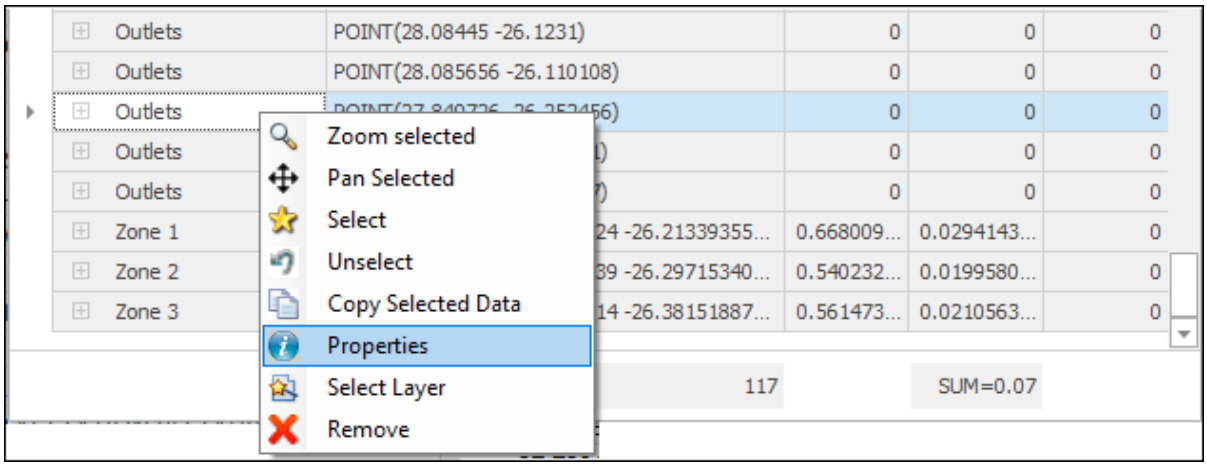


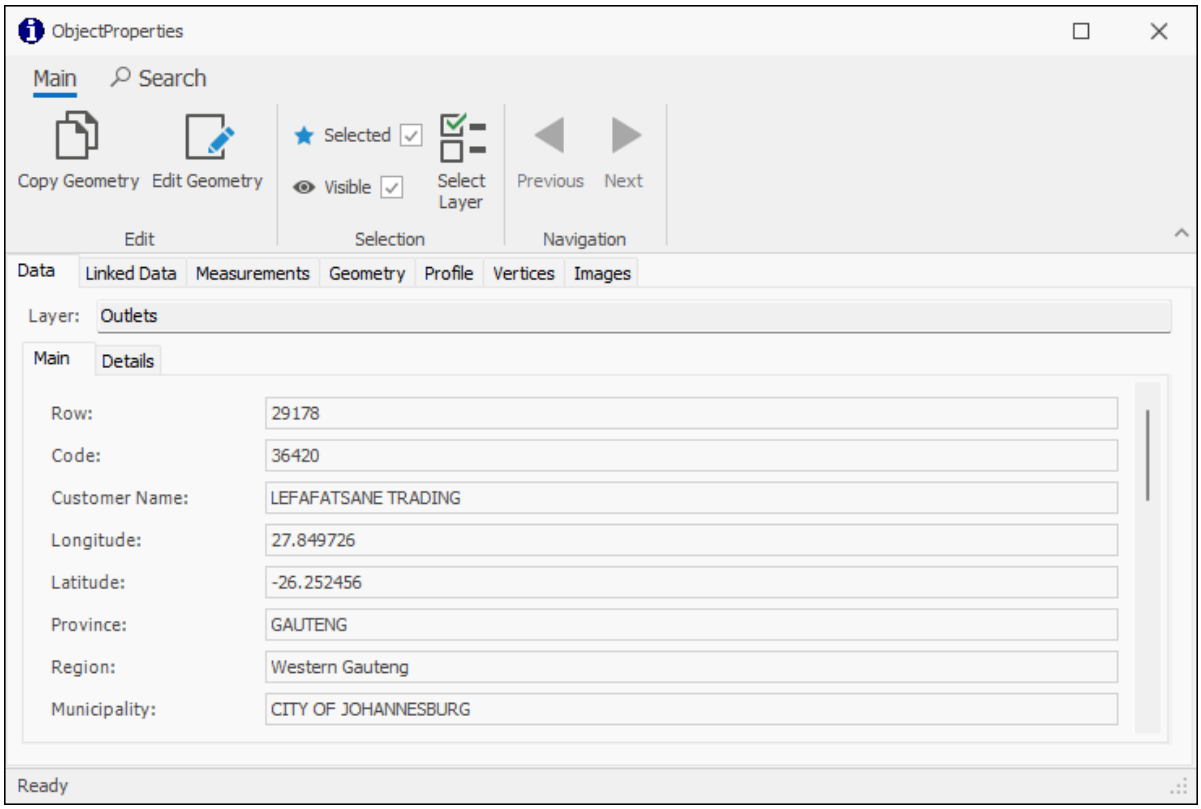


Data can be copied out from here as well by right clicking on the row you want to copy out or selecting a bunch of rows by dragging the little arrow on the left and then right clicking and selecting **Copy Selected Data**:



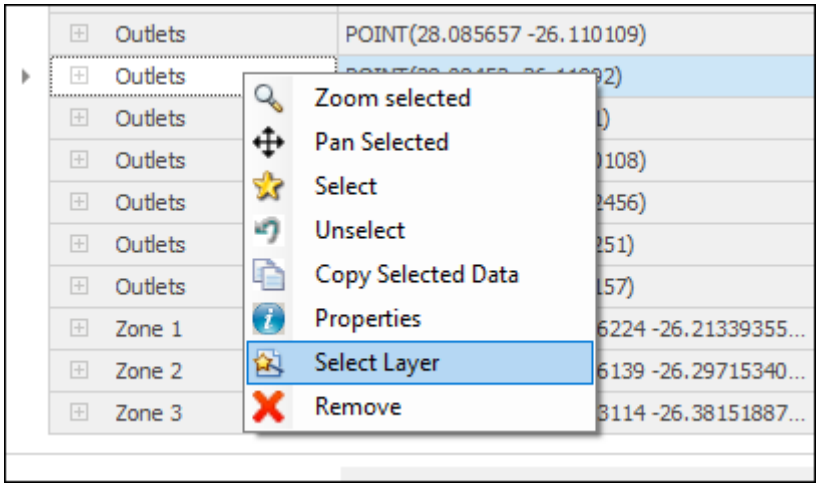
You can view the full data of an element by right clicking on it and selecting **Properties**, this will bring up the ObjectProperties window where all associated attribute information of that element is populated:

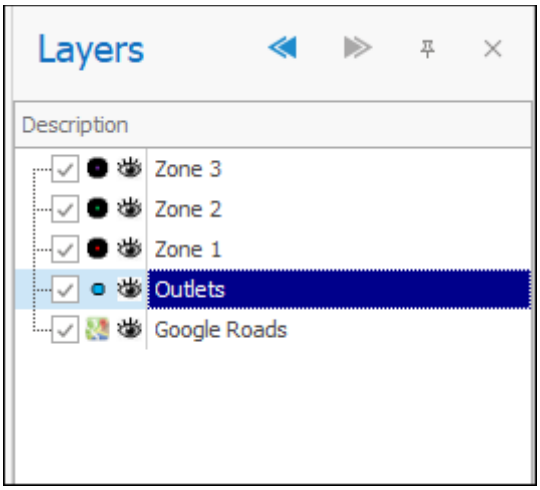




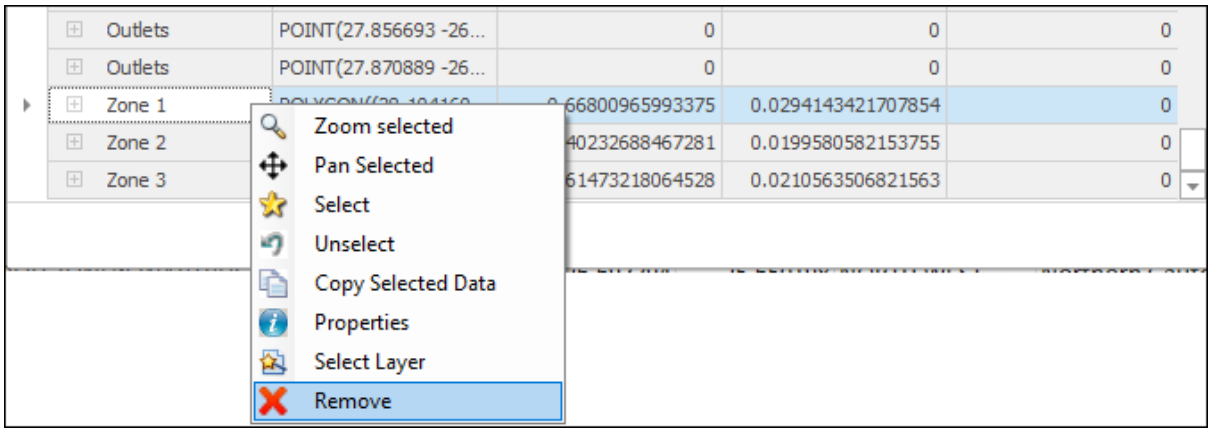
For more information on how this **ObjectProperties** window works, refer to the *Inspector Tool guide*.

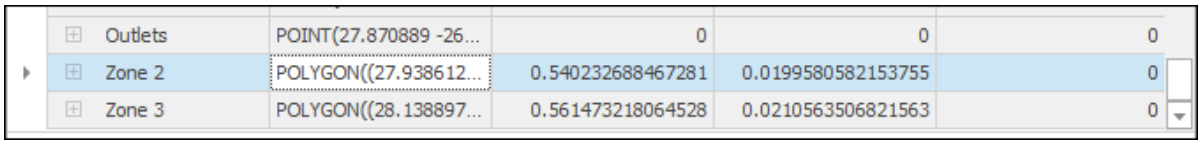
To have the layer of an element highlighted in the Layers Description box, you can right click on it and click **Select Layer**:



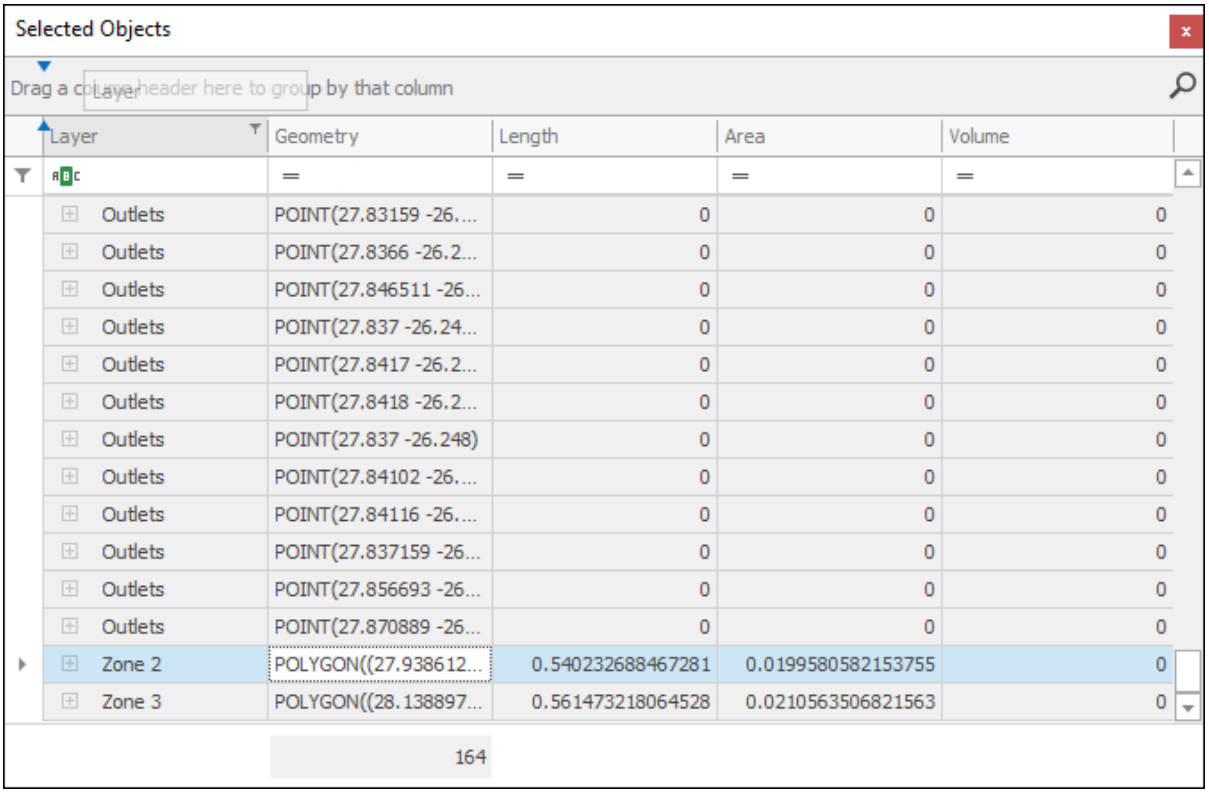


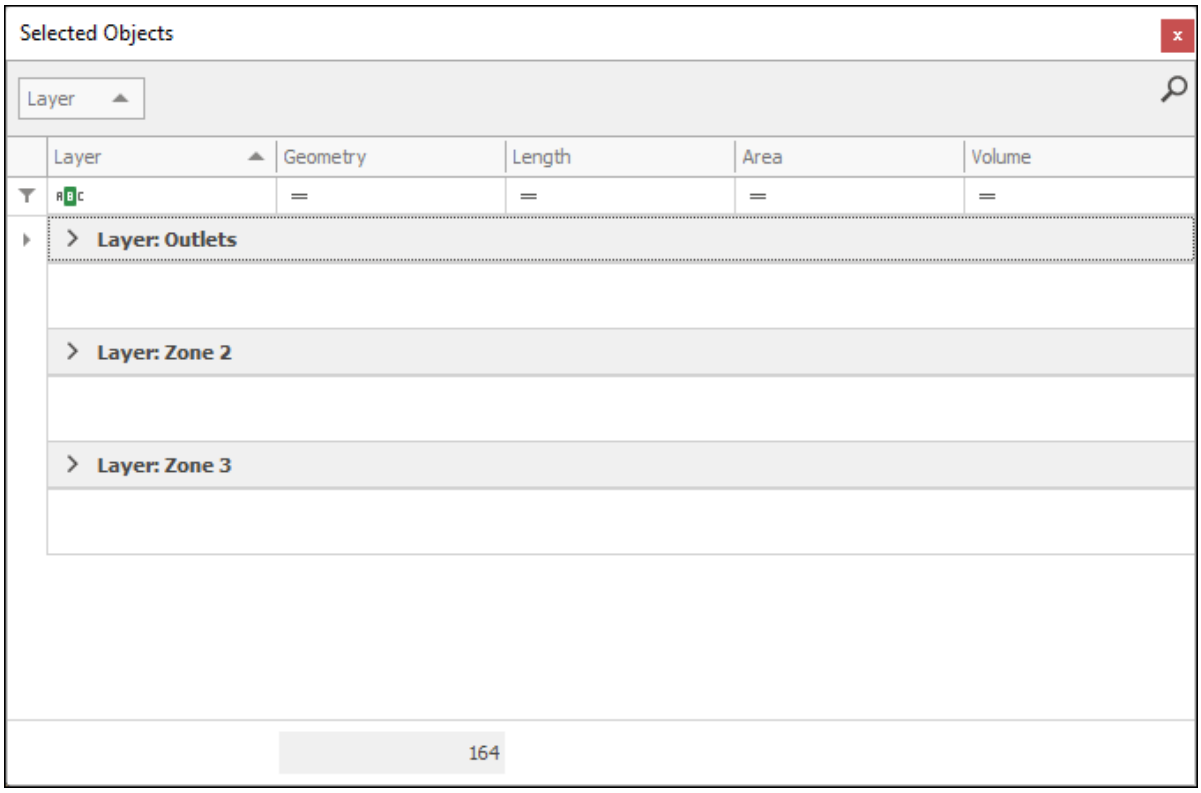
If you want to remove an element from this Selected Objects box, you can right click on it and select **Remove**:





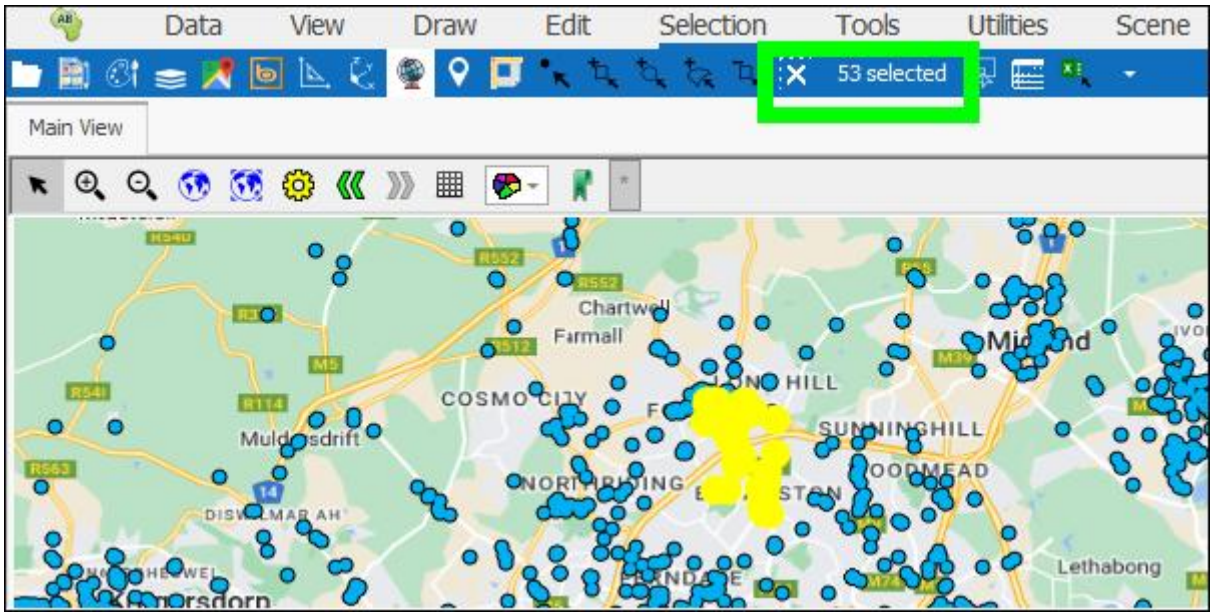
You can also group by column headers by clicking on the column header and dragging it into the grouping area above, to ungroup, click and drag it back:





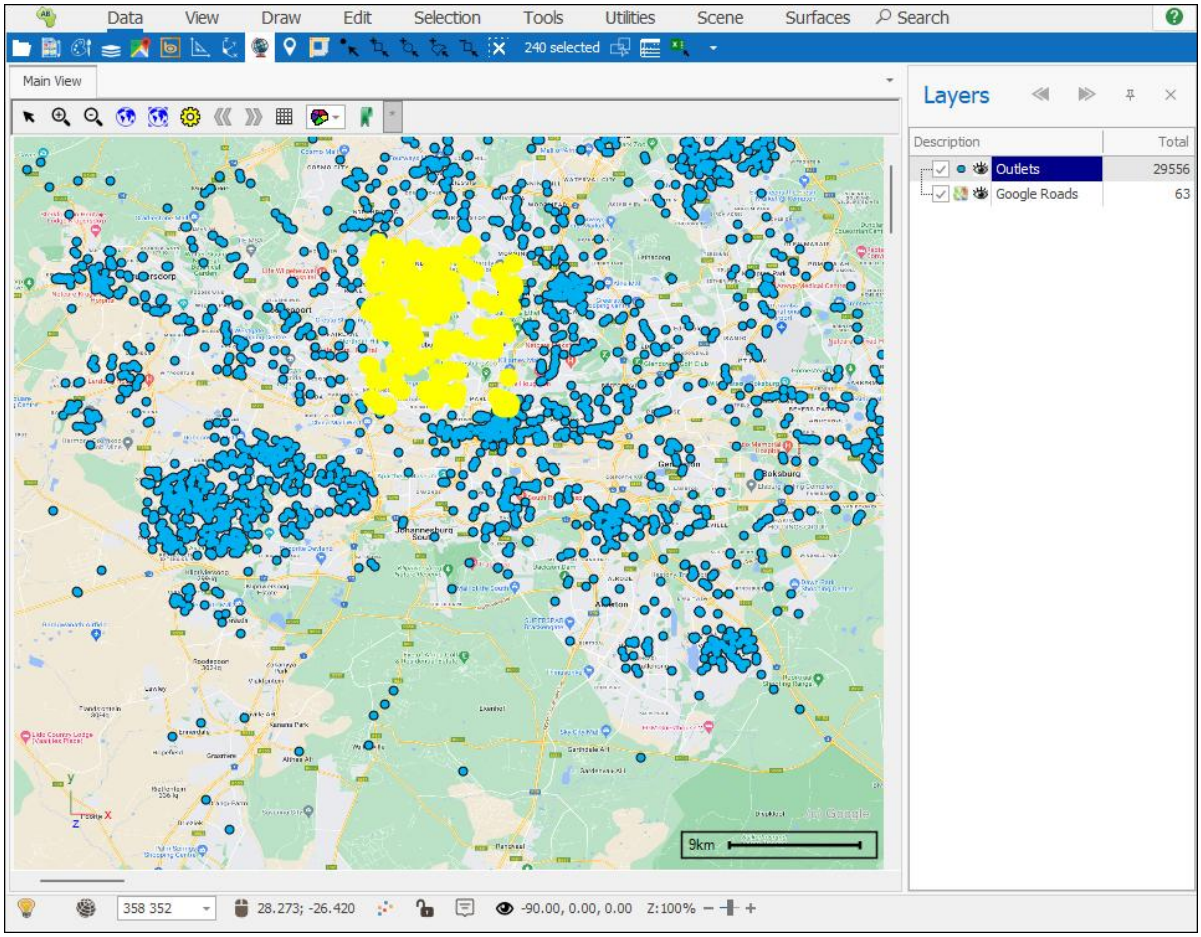
For more data on all the things you can do in this Selected Objects grid, refer to the *Layer Data Grid Guide* whose principles apply to all data grids in our products.

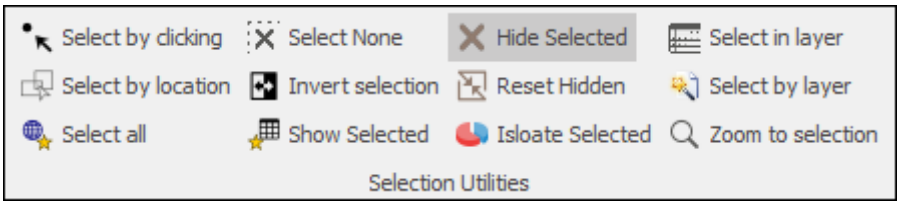
The Selected Objects window can also be accessed from the Quick Access Toolbar by clicking on the number of selected items box:

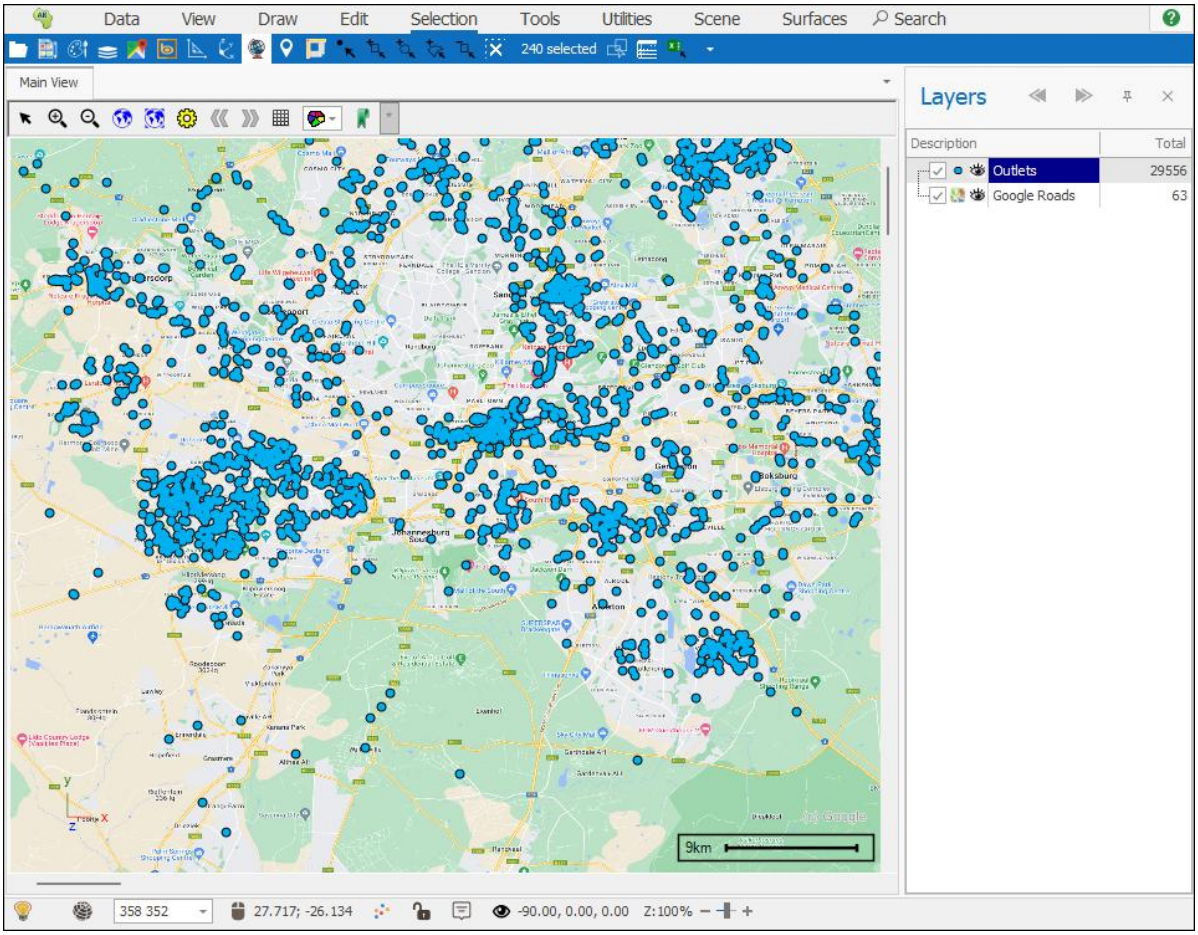


Hide Selected

Hide Selected will hide all selected elements in your scene:

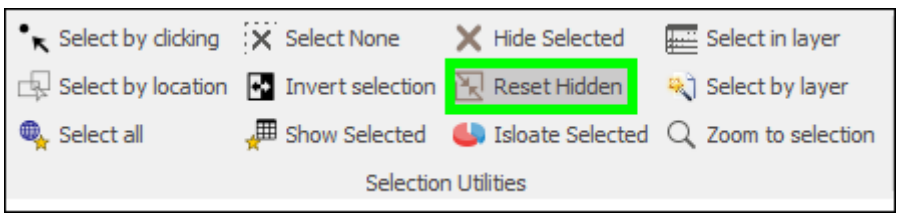


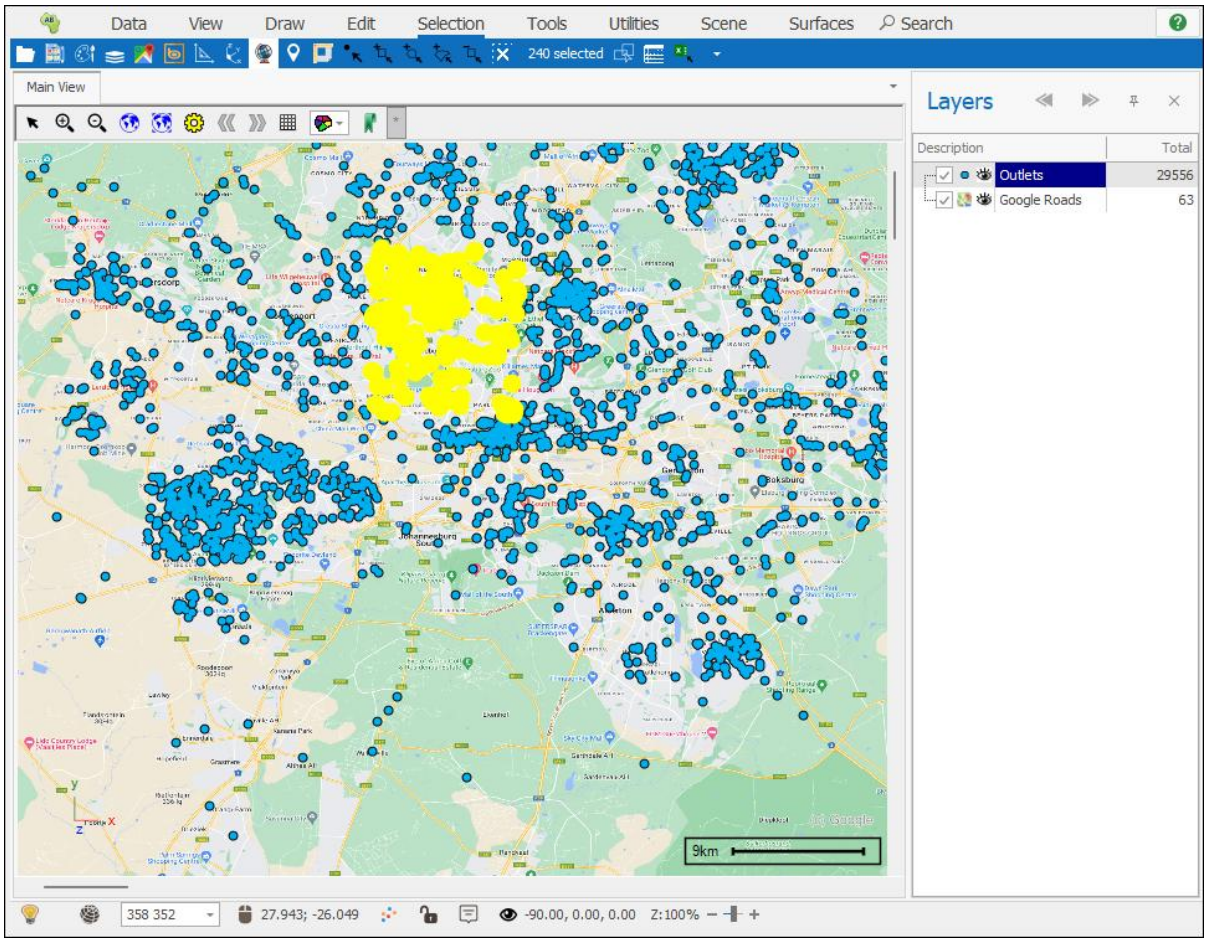




Reset Hidden

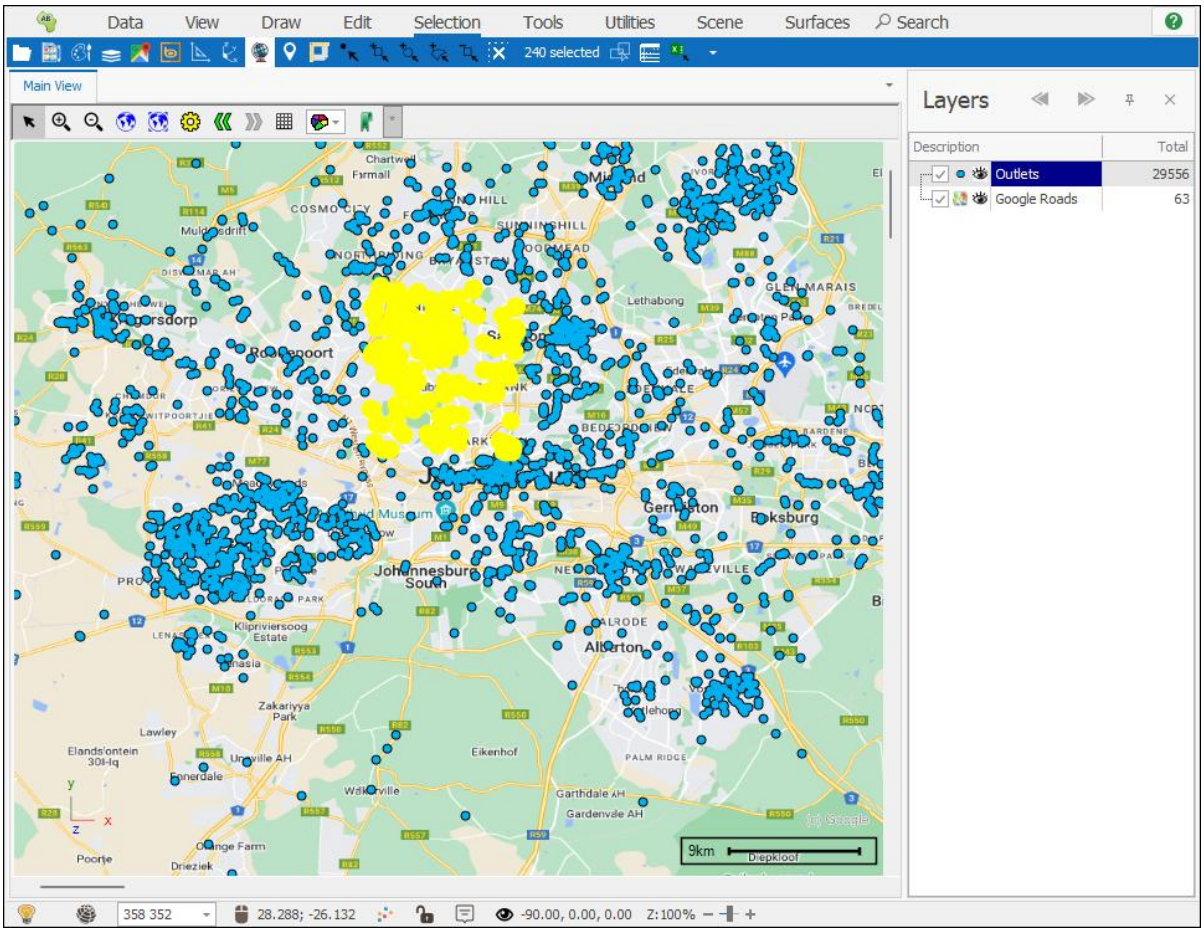
Reset Hidden will put the hidden items back in the scene:

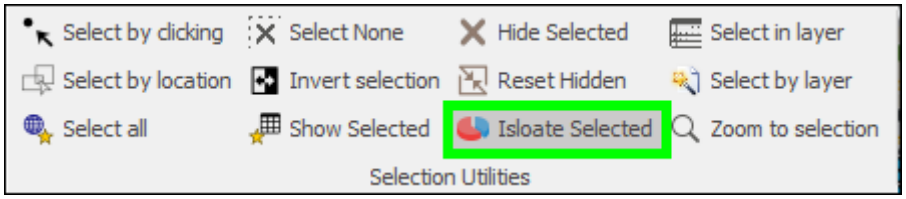


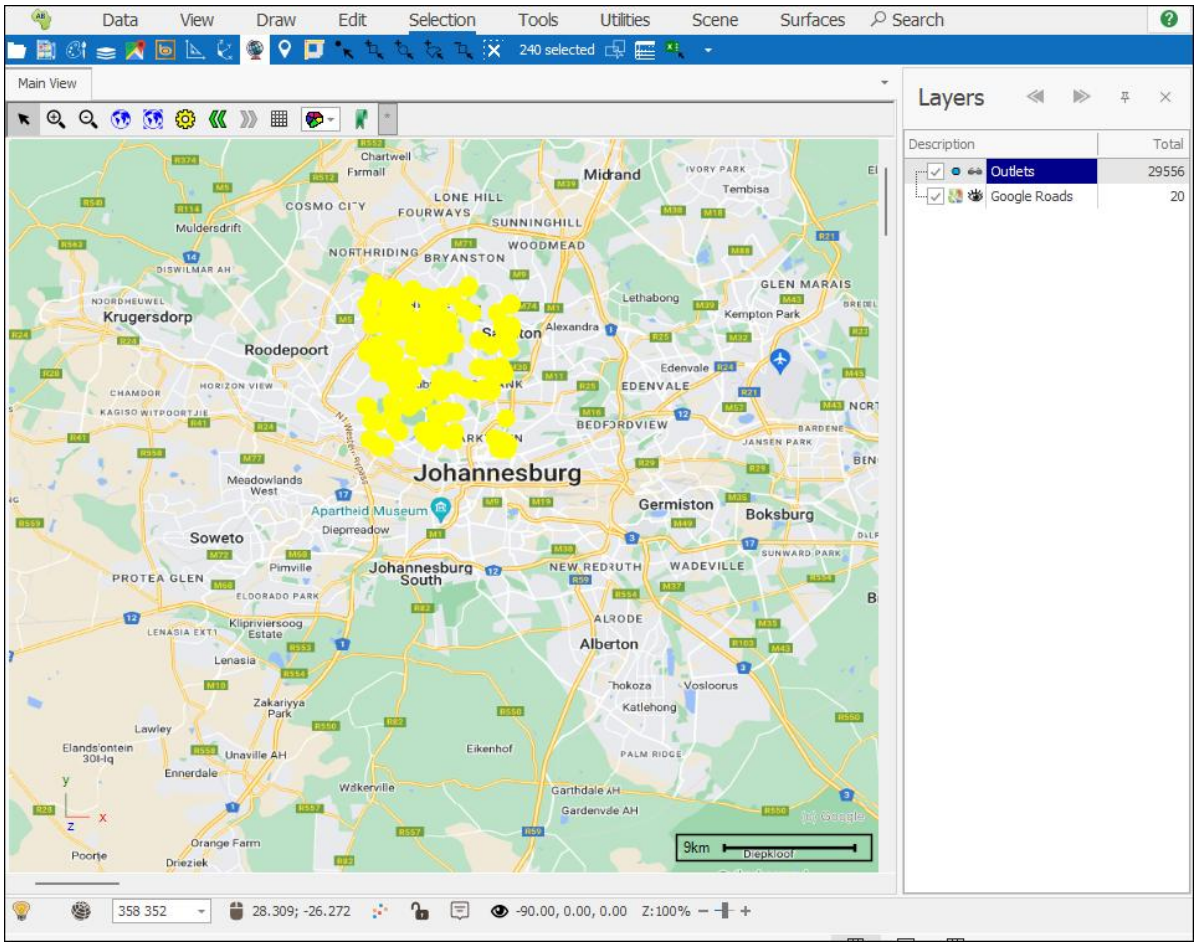


Isolate Selected

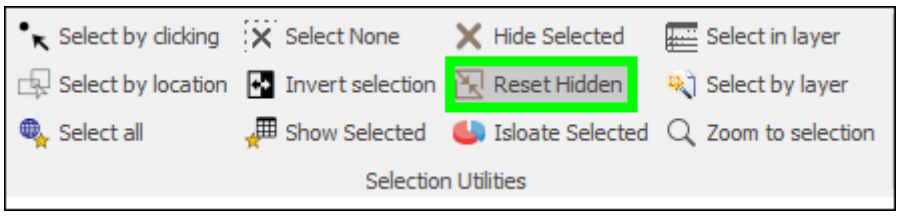
Isolate Selected will filter out your elements so that only selected elements show on the scene:


Data
View
Draw
Edit
Selection
Tools
Utilities
Scene
Surfaces
Search
240 selected
Main View
Layers
Description
Total
Outlets
29556
Google Roads
63
Johannesburg South
Alberton
Germiston
Boksburg
Lethabong
Eikenhof
Lawley
Zakariyya Park
Kliprivierspoog Estate
Garthdale AH
Gardenvale AH
9km
Diepkloof
358 352
28.288; -26.132
-90.00, 0.00, 0.00
Z:100%


Select by clicking
Select None
Hide Selected
Select in layer
Select by location
Invert selection
Reset Hidden
Select by layer
Select all
Show Selected
Isloate Selected
Zoom to selection
Selection Utilities

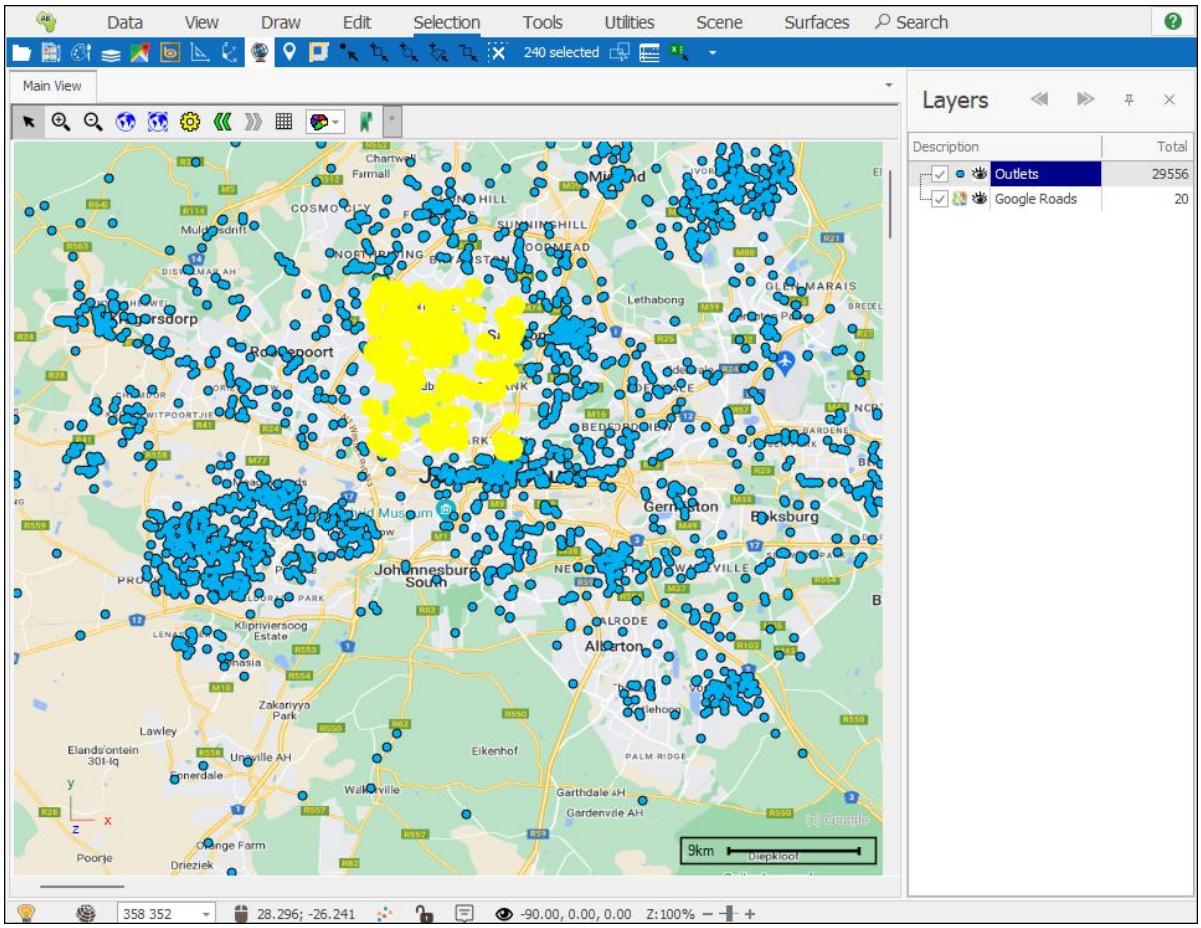


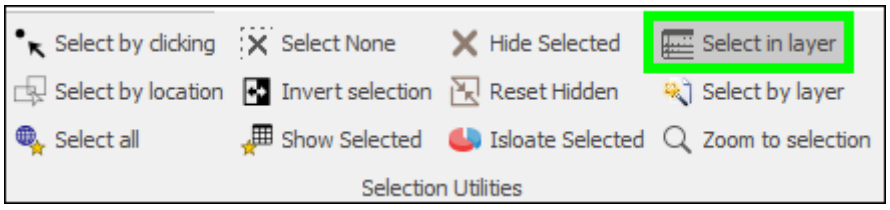
To put back the other elements, click **Reset Hidden**:

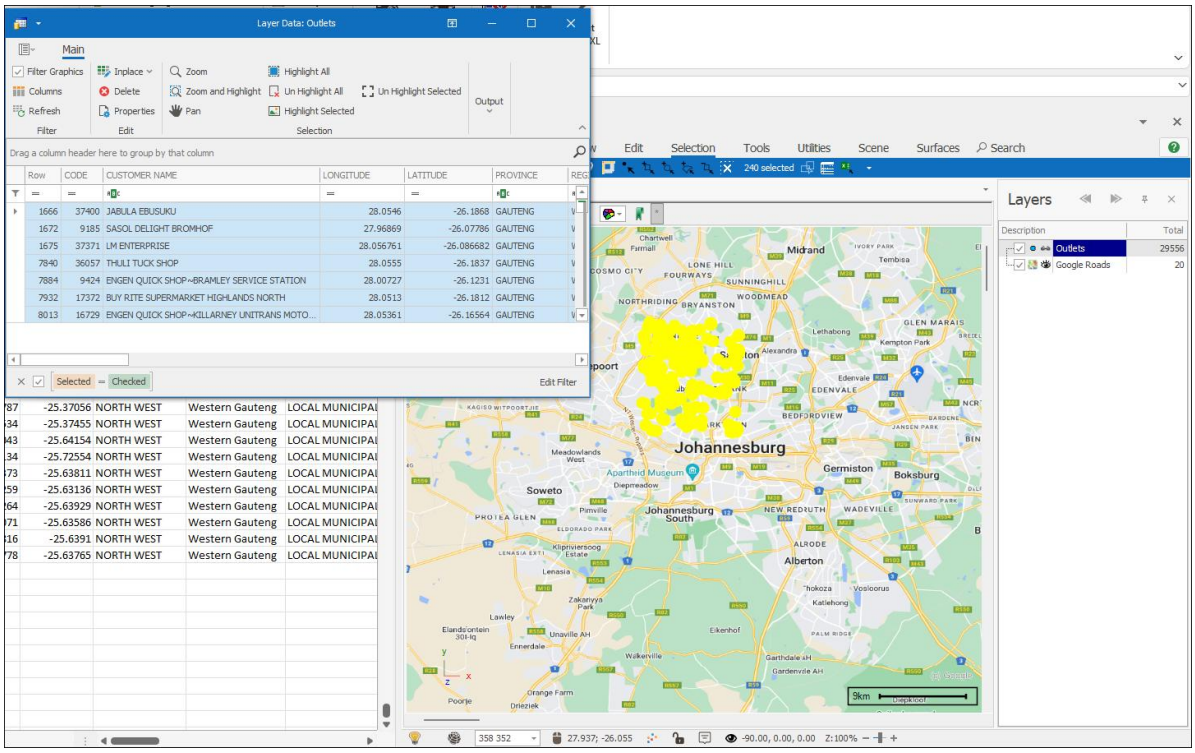


Select in Layer

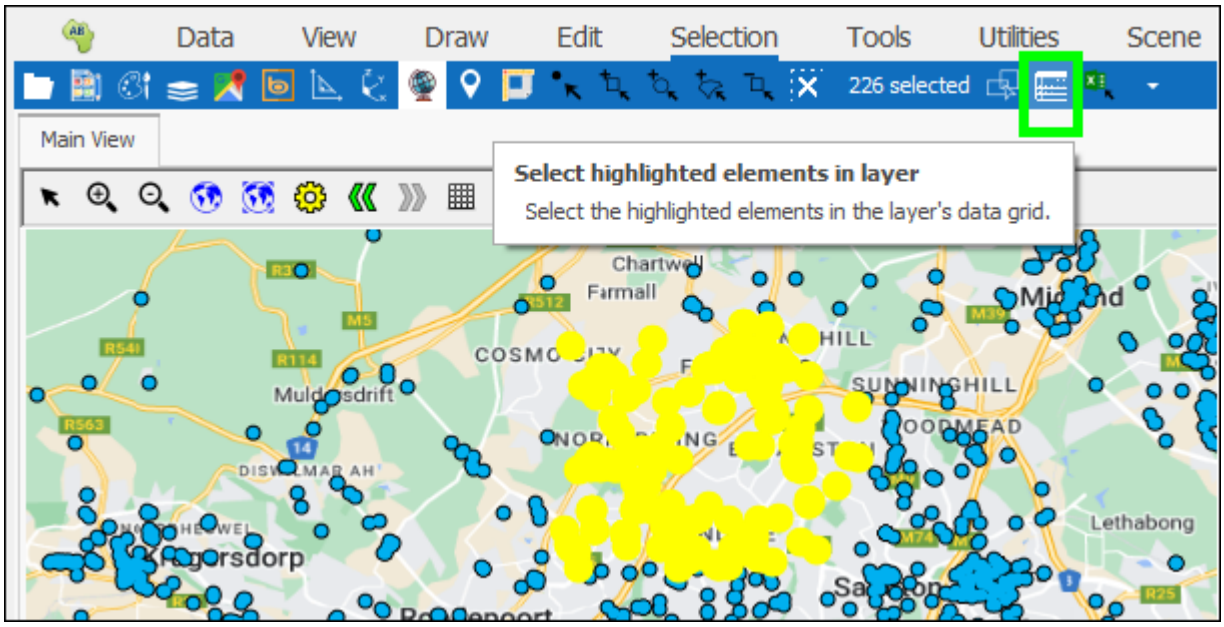
Select in Layer will select and filter out the highlighted elements in the Layer Data Grid:


Data
View
Draw
Edit
Selection
Tools
Utilities
Scene
Surfaces
Search
240 selected
Main View
Layers
Description
Total
Outlets
29556
Google Roads
20
Johannesburg South
Alberton
Germiston
Boksburg
Lethabong
Eikenhof
Garthdale AH
Gardenvale AH
Walkerville
Lawley
Zakariyya Park
Klipriviersoog Estate
Poortje
Drieziek
9km
358 352
28.296; -26.241
-90.00, 0.00, 0.00
Z:100%


Select by clicking
Select None
Hide Selected
Select in layer
Select by location
Invert selection
Reset Hidden
Select by layer
Select all
Show Selected
Isloate Selected
Zoom to selection
Selection Utilities

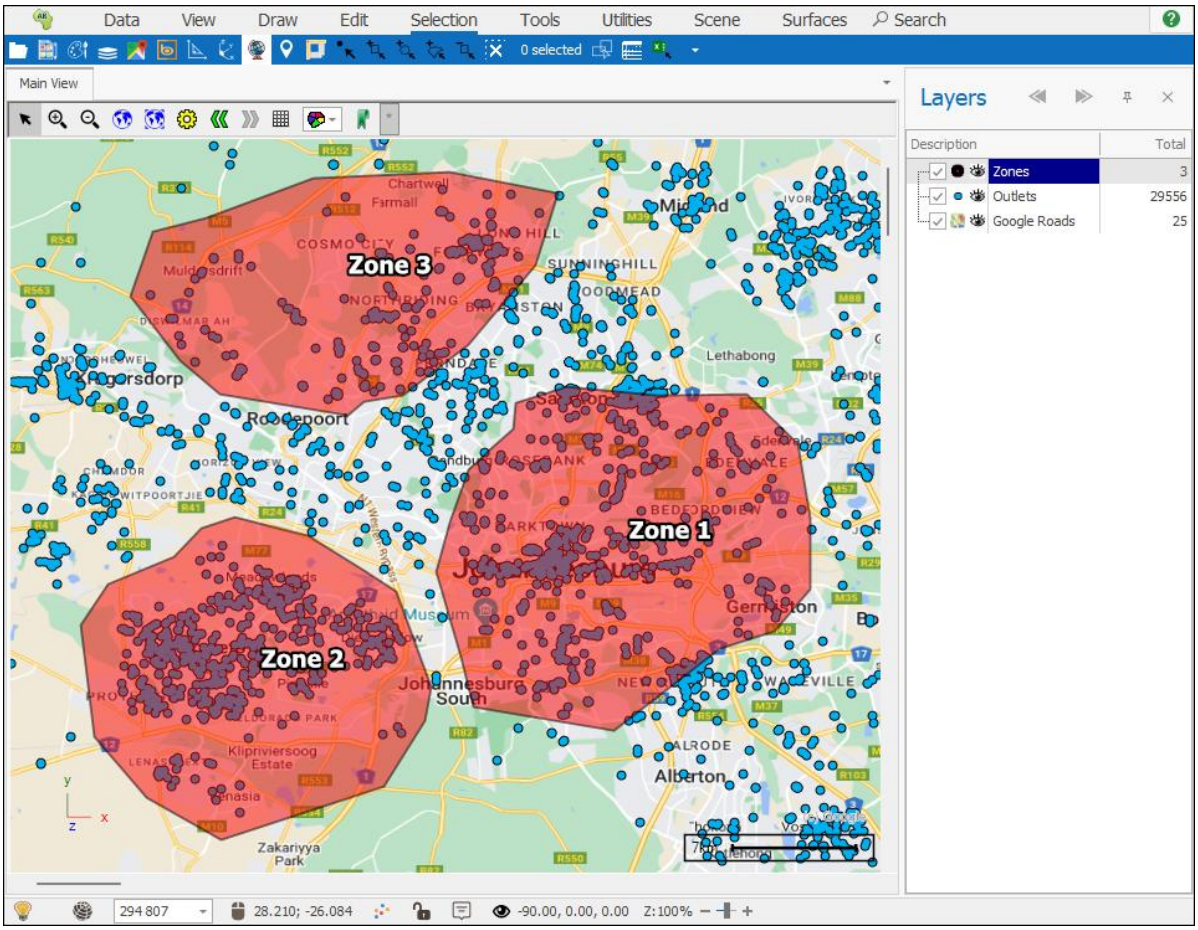


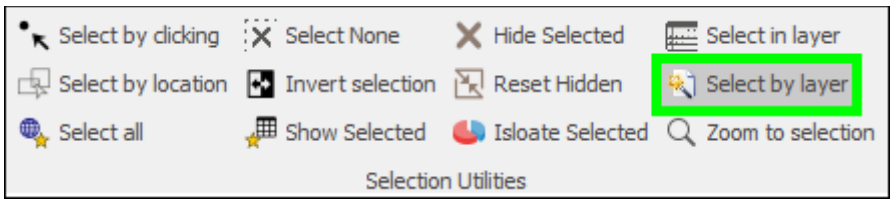
This tool is also accessible from the Quick Access Toolbar:

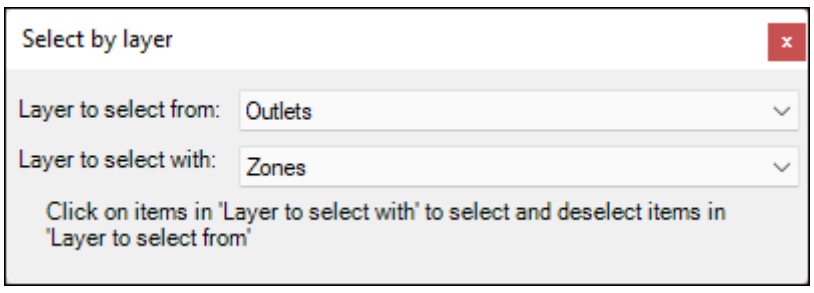


Select by Layer

Select by layer allows you to select elements in a target layer by selecting elements in another layer such as a polygon layer; all elements of the target layer contained within the polygon you select will also be selected:

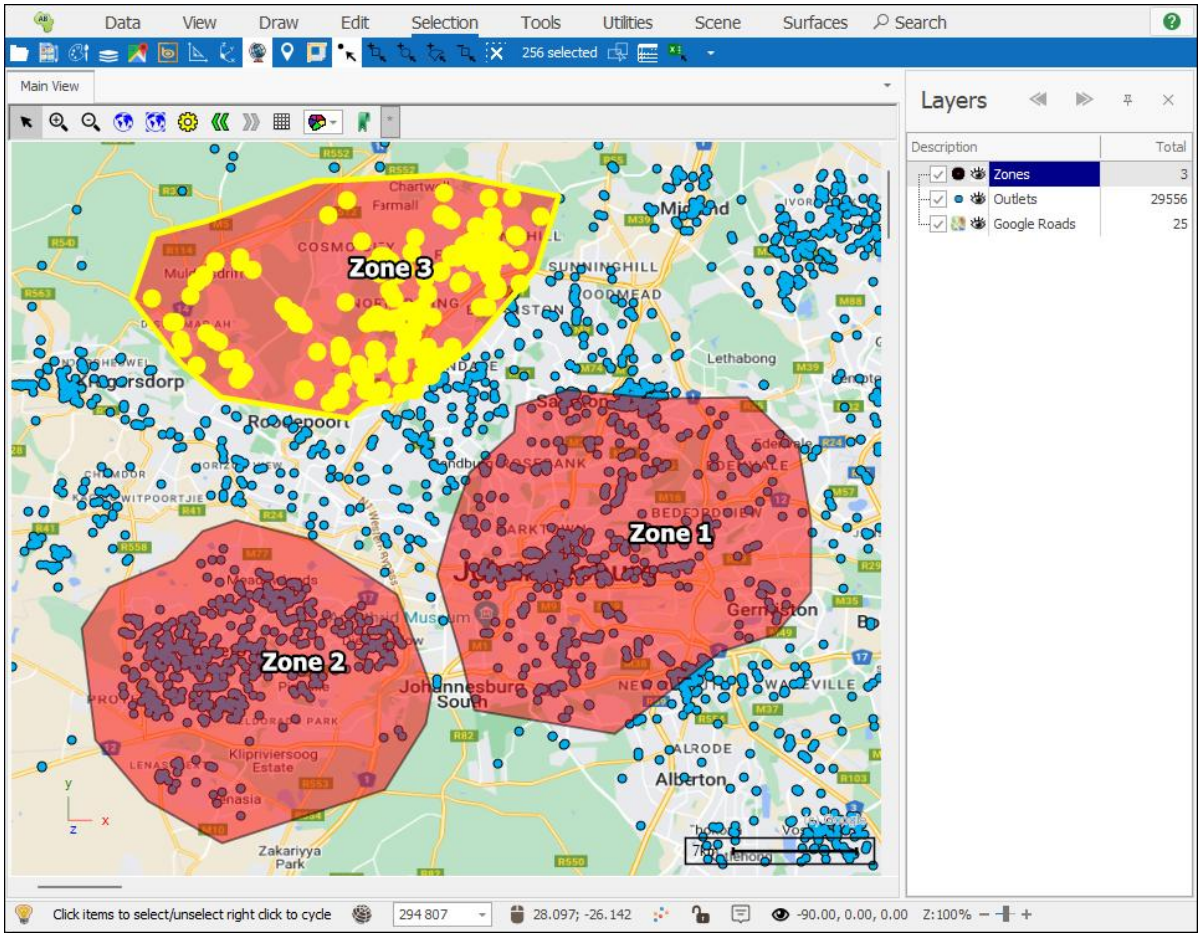




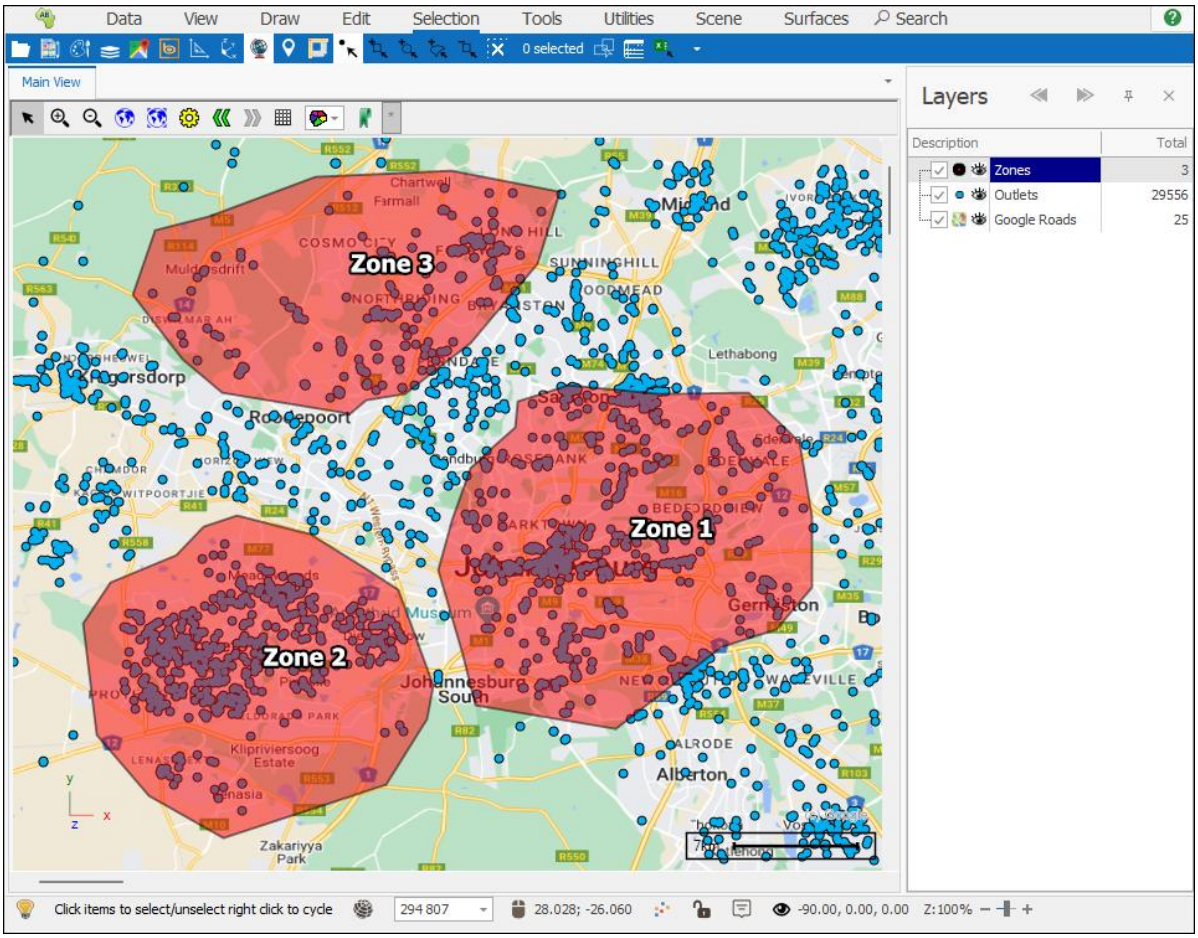


In the dialogue that comes up choose the target layer by **Layer to select from** and the polygon layer by **Layer to select with**.

Now, in your scene select a polygon using one of the selection tools and all elements form your target layer contained in that polygon will be selected as well:

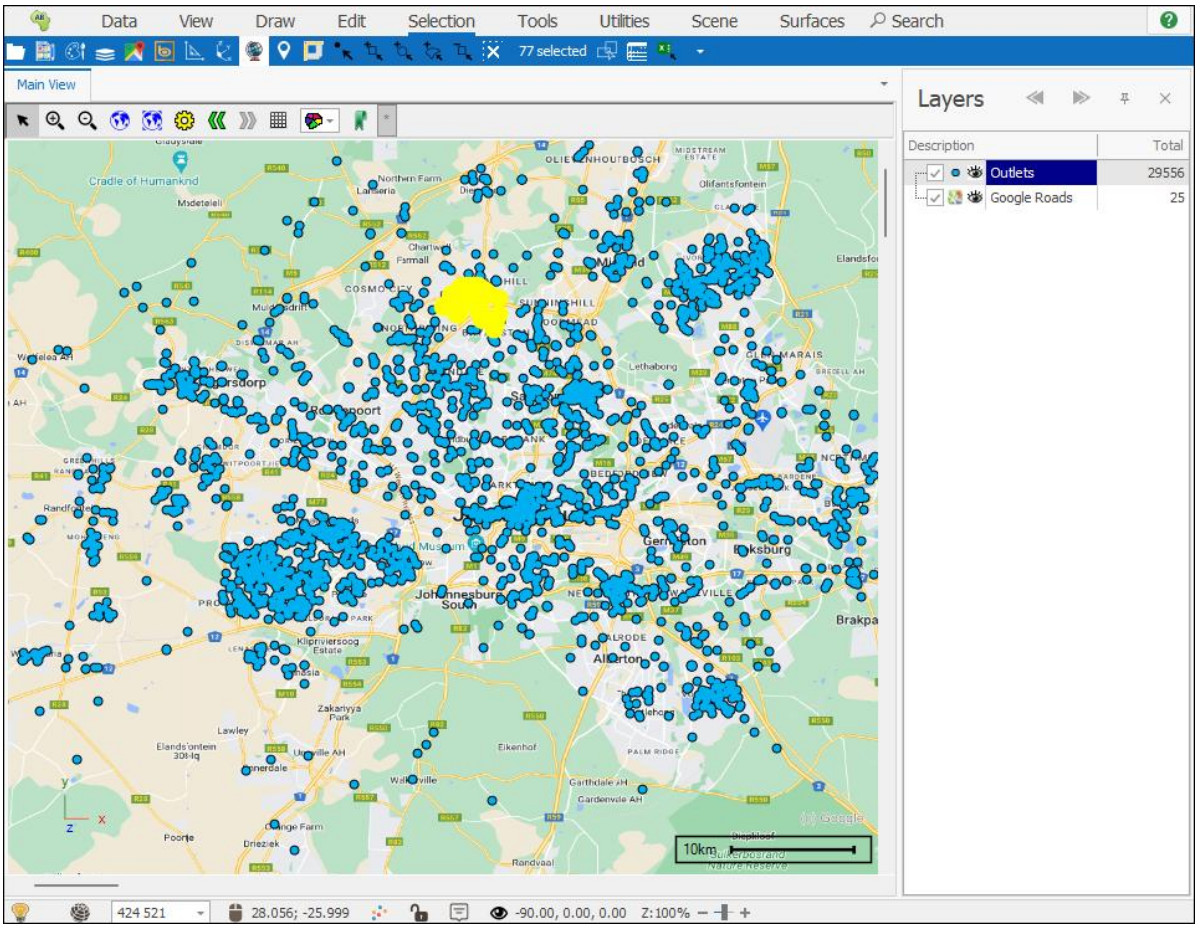


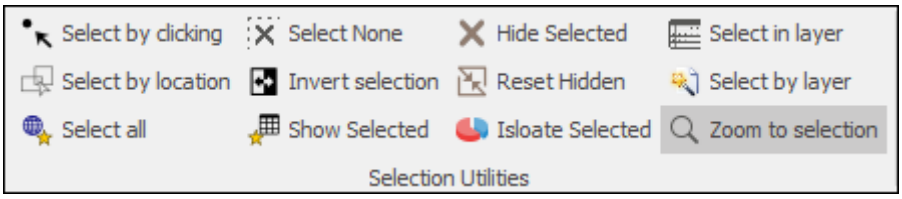
As you unselect polygons, so will the contained elements be unselected:

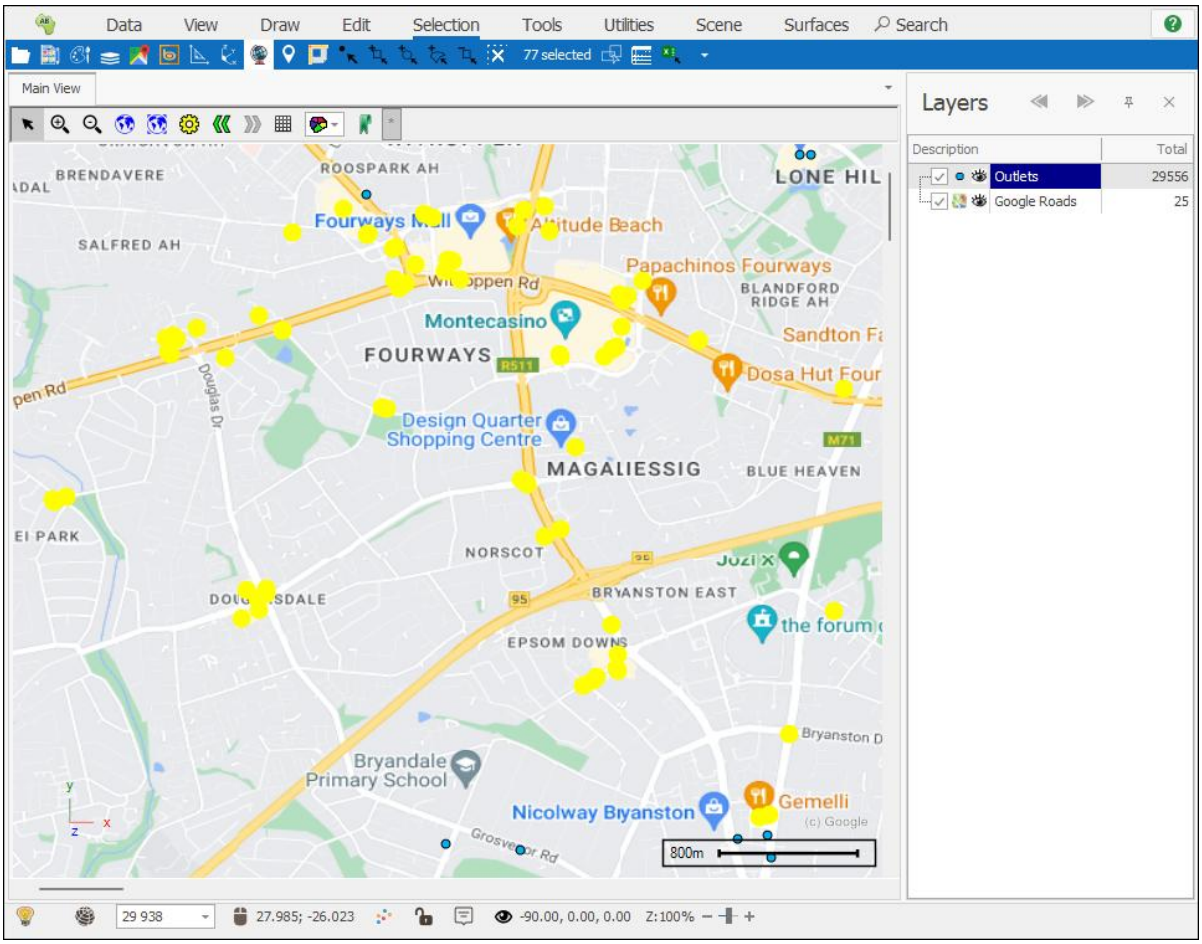


Zoom to selection

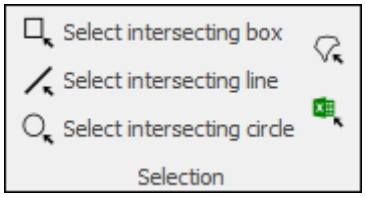
To zoom to the currently selected items you can click **Zoom to selection**:


Data
View
Draw
Edit
Selection
Tools
Utilities
Scene
Surfaces
Search
77 selected
Main View
Layers
Description
Total
Outlets
29556
Google Roads
25
10km
424 521
28.056; -25.999
-90.00, 0.00, 0.00
Z:100%


Select by clicking
Select None
Hide Selected
Select in layer
Select by location
Invert selection
Reset Hidden
Select by layer
Select all
Show Selected
Isloate Selected
Zoom to selection
Selection Utilities



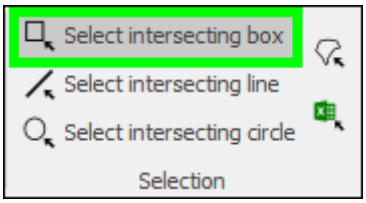
Selection

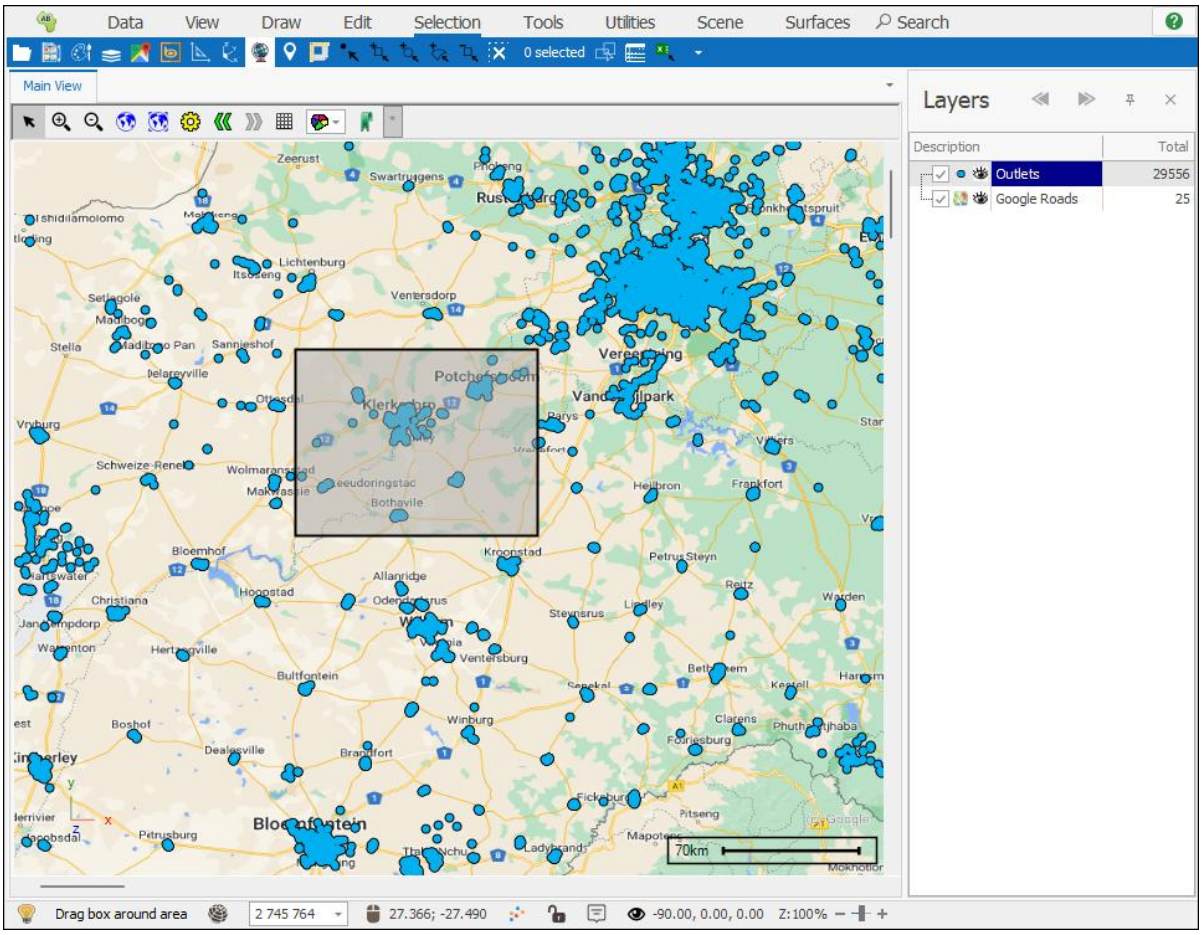


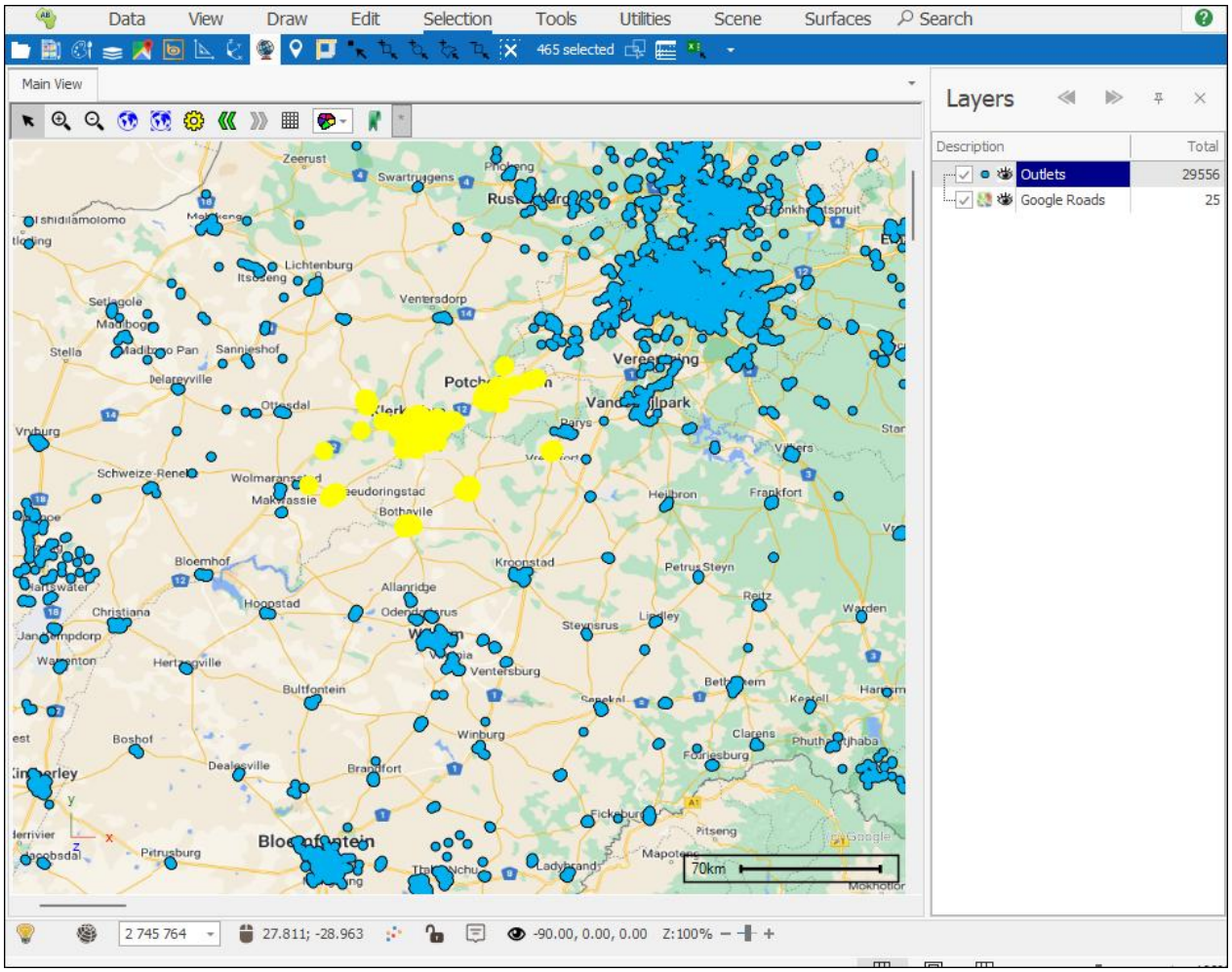
In the **Selection** section of the tab there are a number of different tools you can use to select elements in your scene. These tools will set the selection to whatever you select and unselect anything else you may have selected before.

Select intersecting box

Select intersecting box allows you to select elements by drawing a box around them. Click in the top left of the area you intend to select then drag the box around:

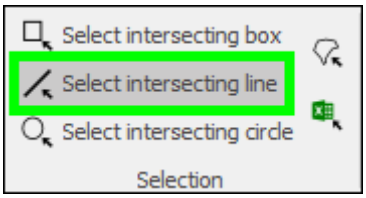

Select intersecting box
Select intersecting line
Select intersecting circle
Selection

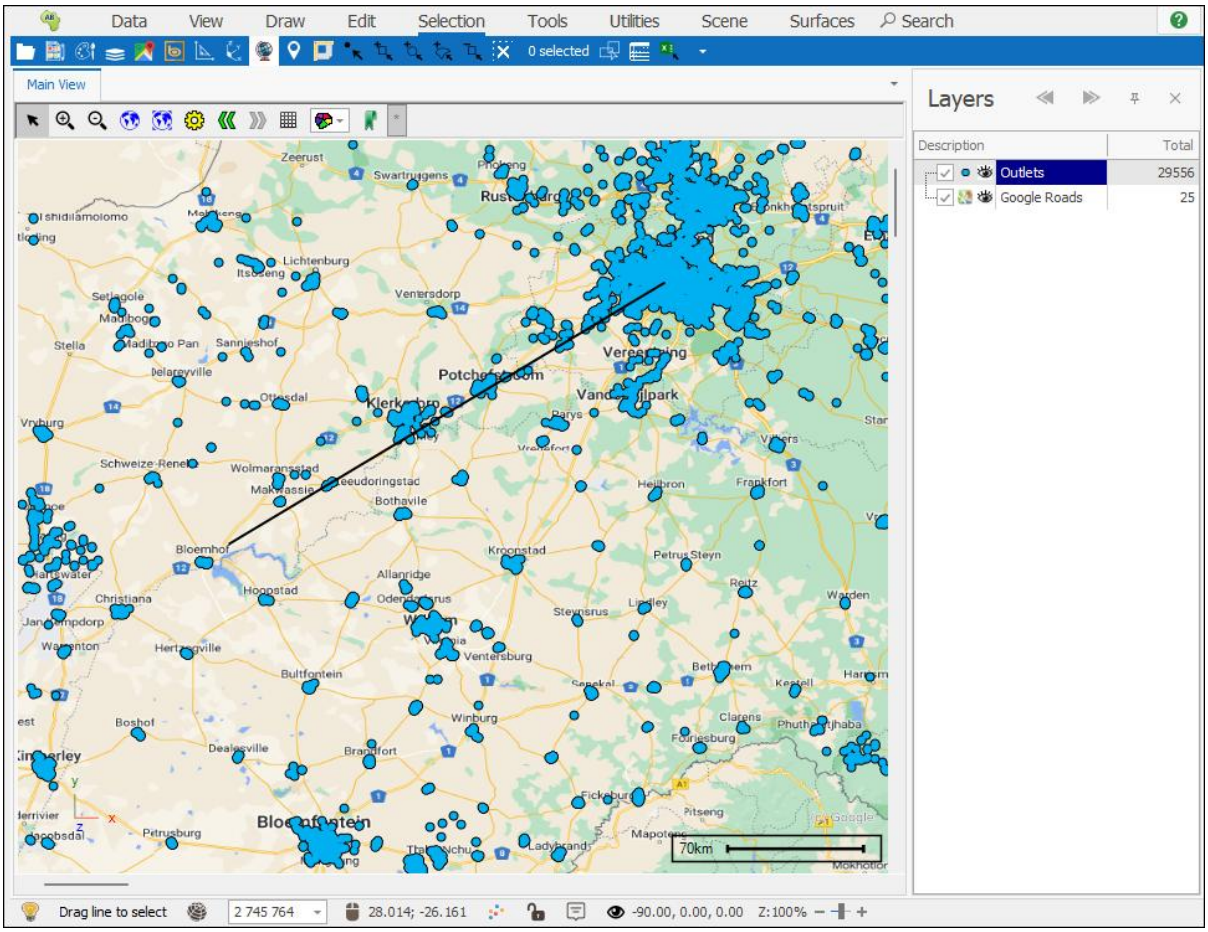

Data
View
Draw
Edit
Selection
Tools
Utilities
Scene
Surfaces
Search
0 selected
Main View
Layers
Description
Total
Outlets
29556
Google Roads
25
70km
Drag box around area
2 745 764
27.366; -27.490
-90.00, 0.00, 0.00
Z:100%



Select intersecting line

Select intersecting line allows you to select elements by drawing a line across them; click in your scene and drag your line across the area you want to select:




Data
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Utilities
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Surfaces
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0 selected
Main View
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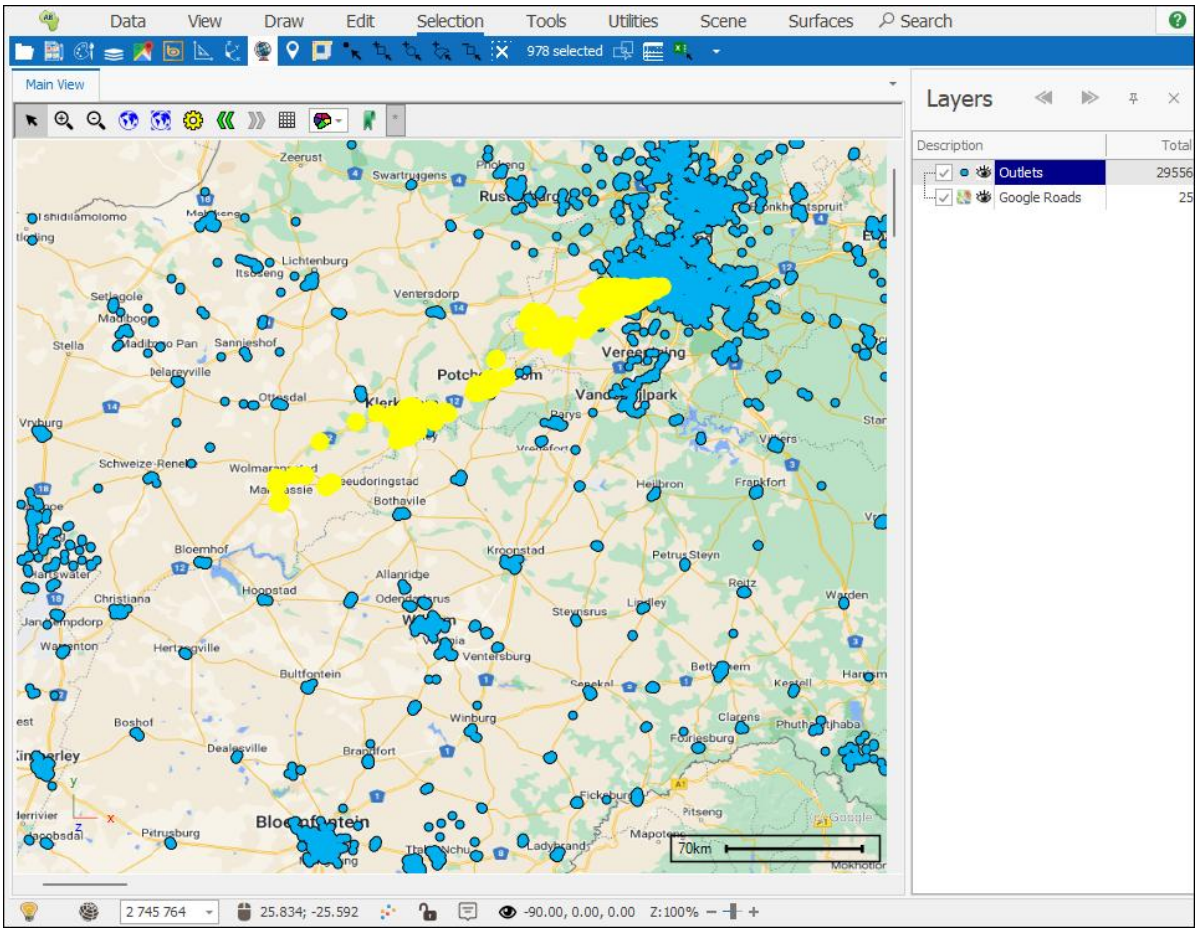
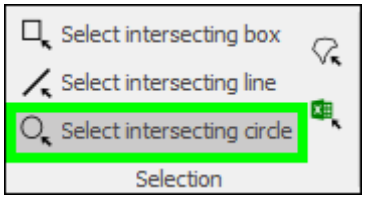
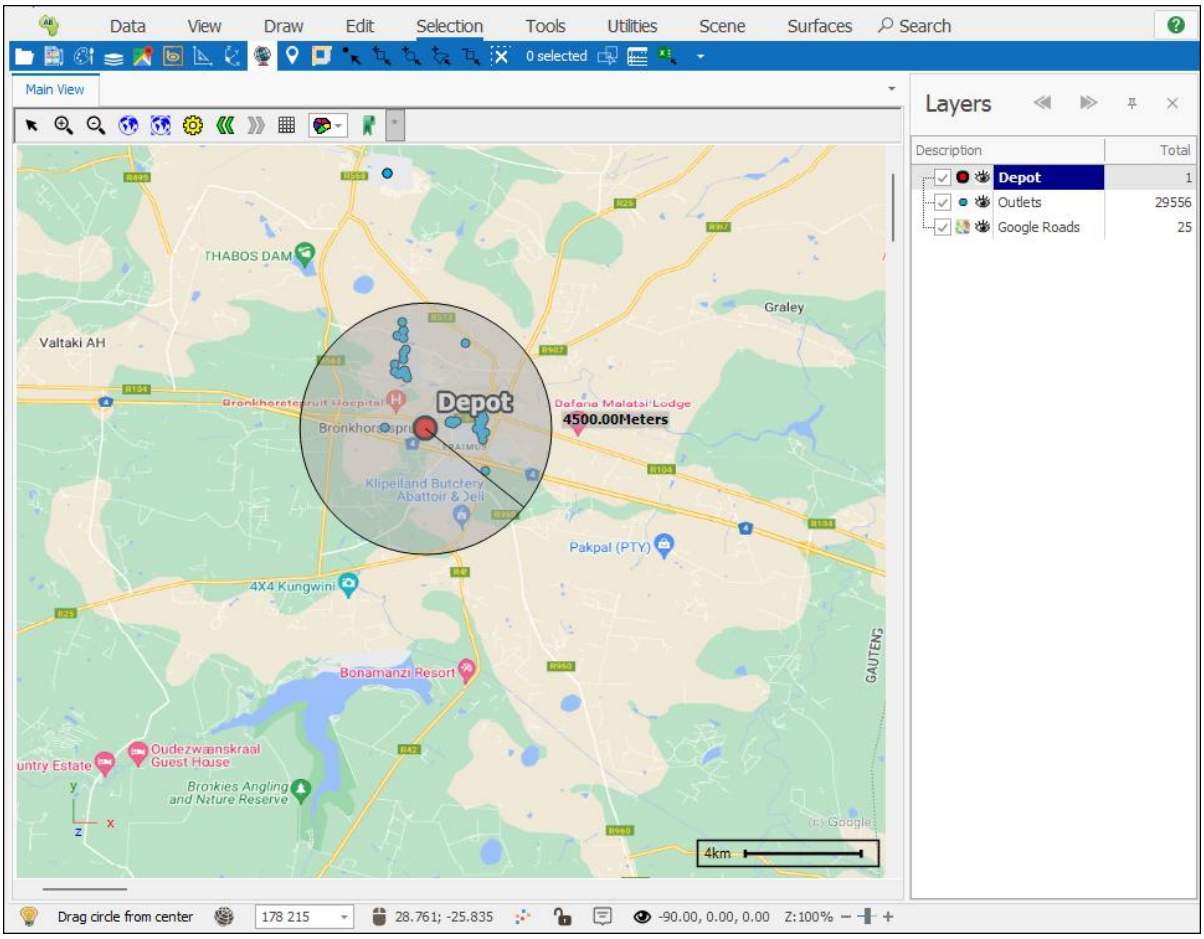
Description
Total
Outlets
29556
Google Roads
25
70km
Drag line to select
2 745 764
28.014; -26.161
-90.00, 0.00, 0.00
Z:100%



Select intersecting circle

Select intersecting circle allows you to draw a circle to select elements; this allows you to select elements within a certain radius from some point:




Data
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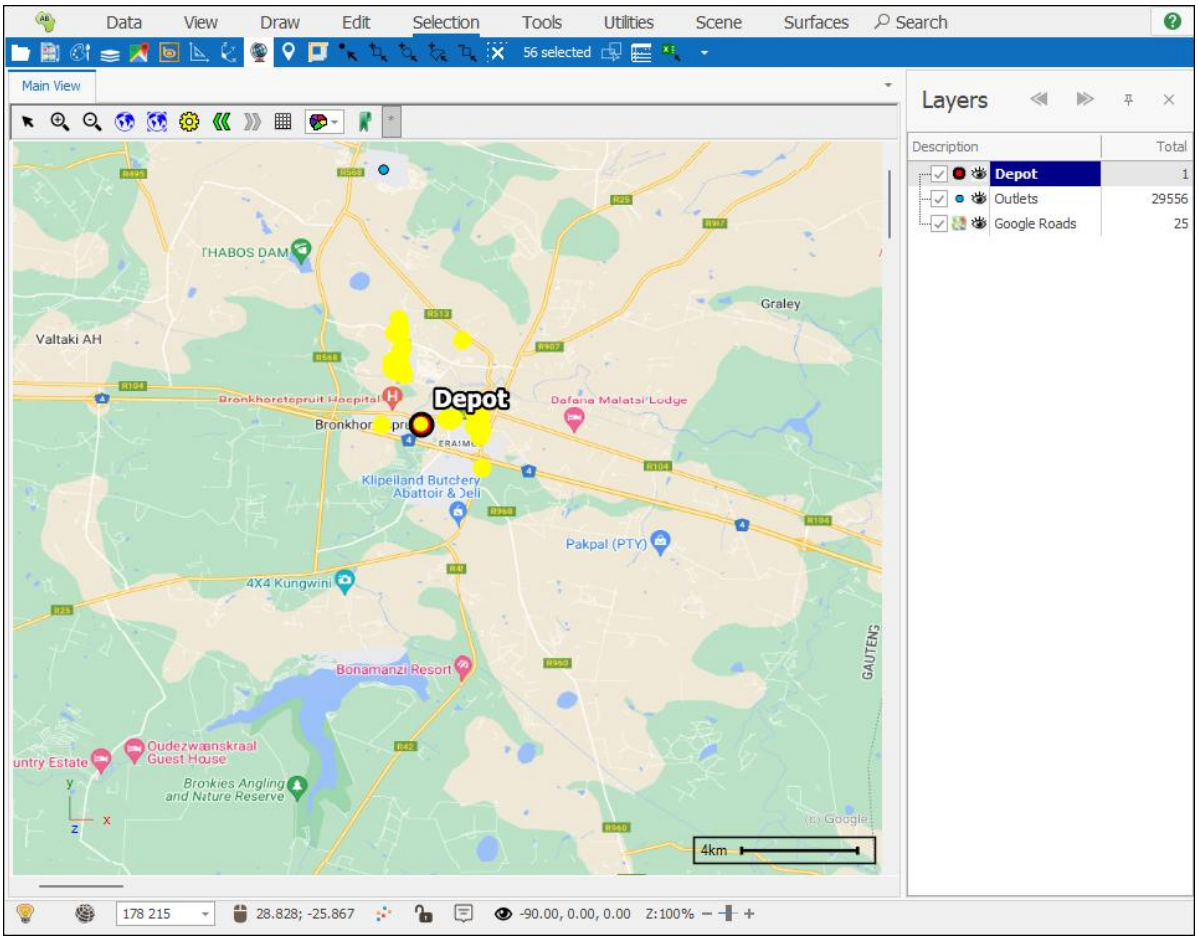
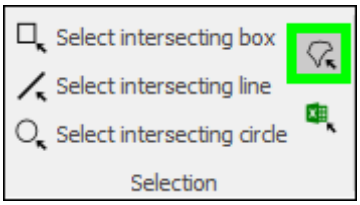
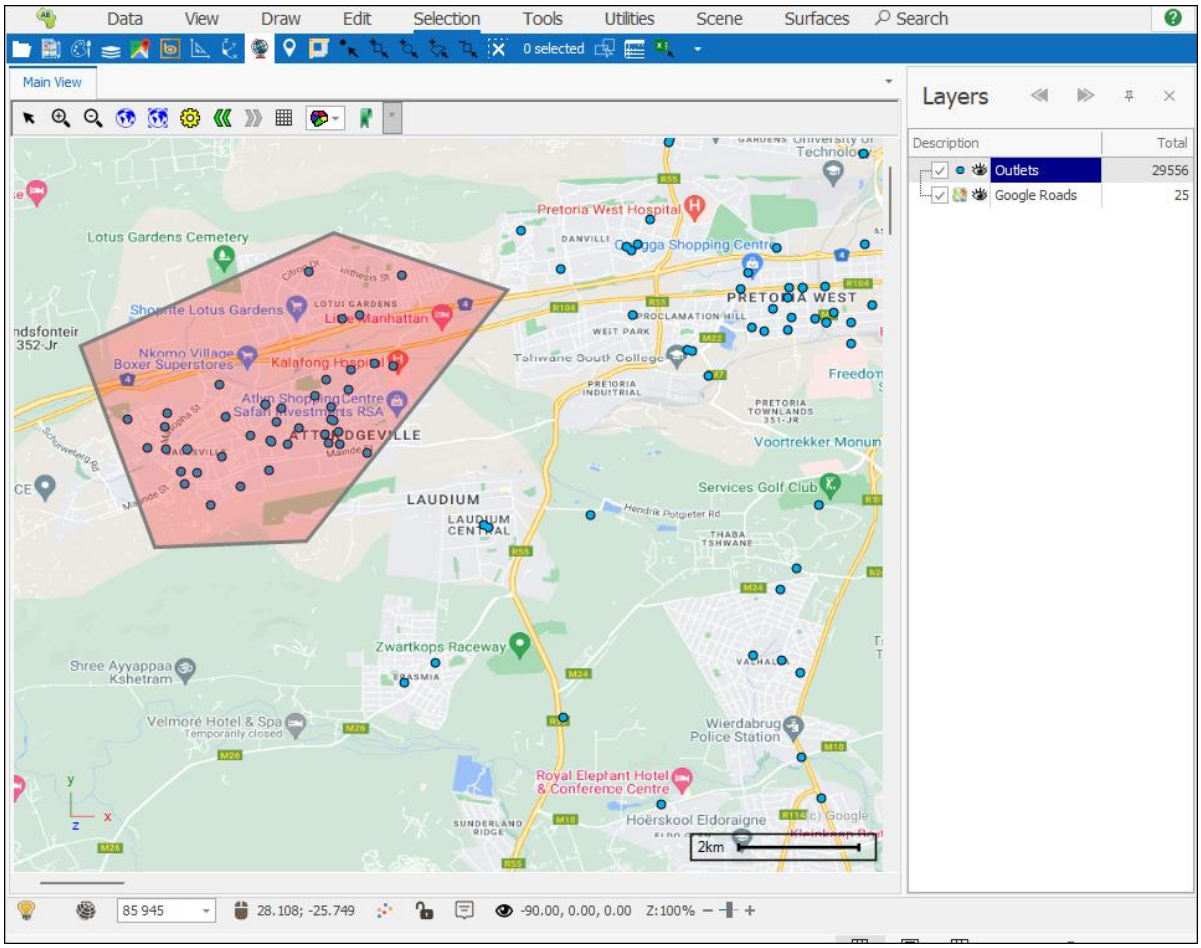
Selection
Tools
Utilities
Scene
Surfaces
Search
0 selected
Main View
Layers
Description
Total
Depot
1
Outlets
29556
Google Roads
25
THABOS DAM
Graley
Valtaki AH
Depot
4500.00Meters
Klipeiland Butchery
Abattoir & Deli
Pakpal (PTY)
4X4 Kungwini
Bonamanzi Resort
Oudezwanskraal
Guest House
Brookies Angling
and Nature Reserve
GAUTENG
4km
Drag circle from center
178 215
28.761; -25.835
-90.00, 0.00, 0.00
Z:100%



Select intersecting polygon

The **Select intersecting polygon** tool allows you to select elements in the scene by drawing a polygon around them; click to draw each vertex of the polygon then double click to finish:




Data
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Utilities
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Surfaces
Search
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Main View
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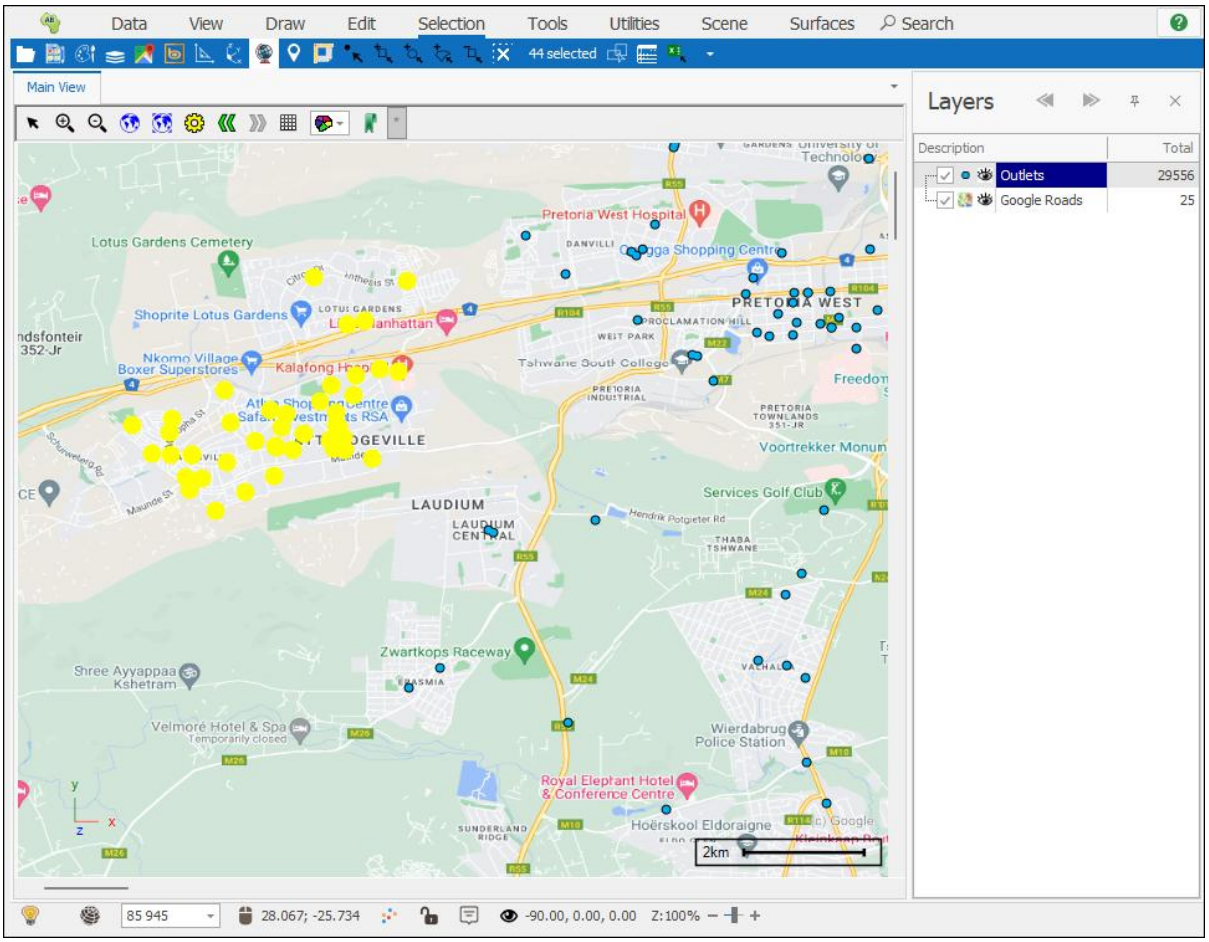
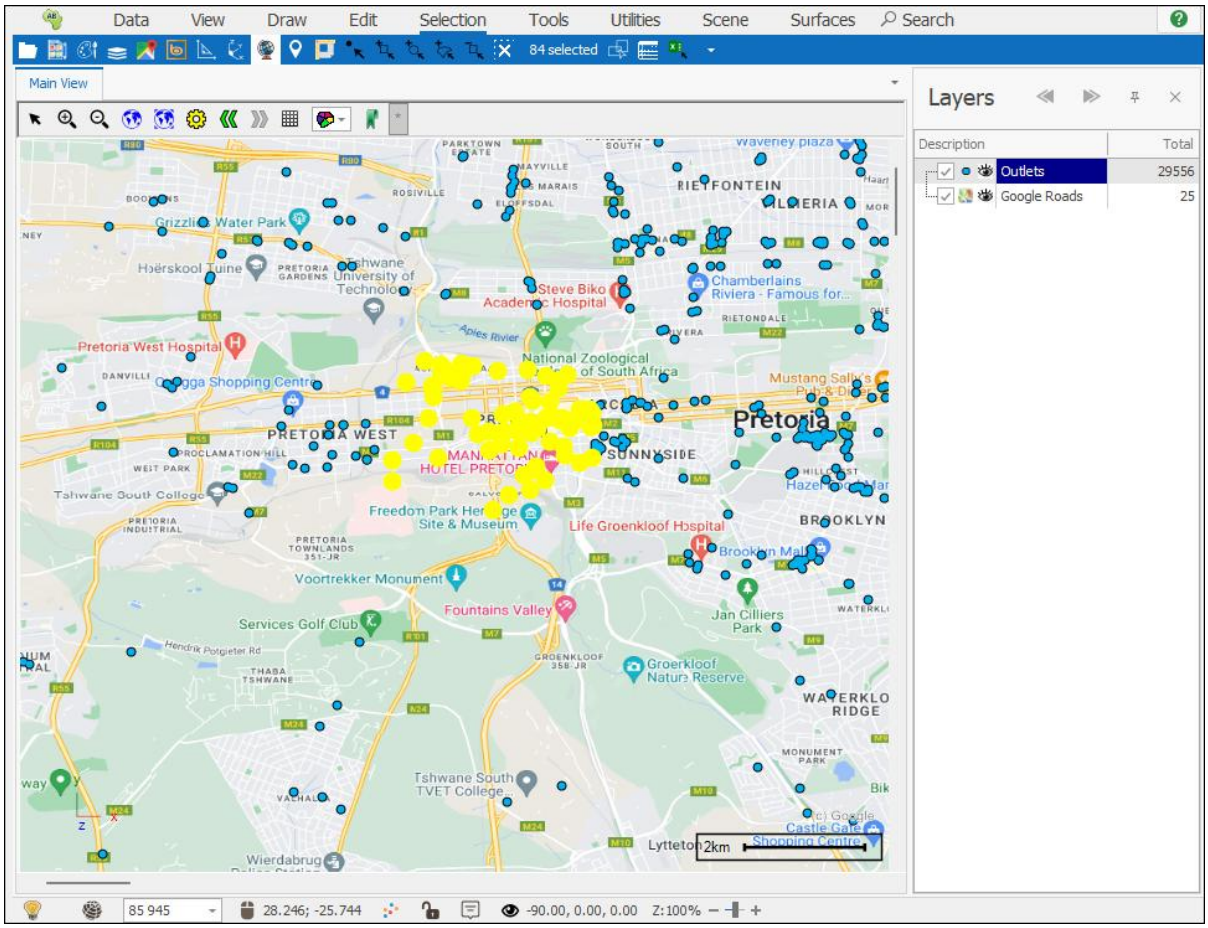
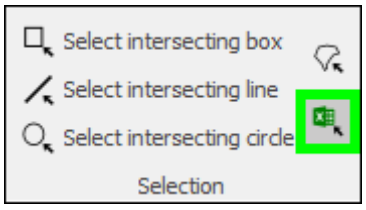
Description
Total
Outlets
29556
Google Roads
25
Pretoria West Hospital
Lotus Gardens Cemetery
Nkomo Village Boxer Superstores
Kalafong Hospital
Atlyn Shopping Centre
ATTERIDGEVILLE
LAUDIUM
Services Golf Club
Voortrekker Monum
PRETORIA WEST
Zwartkops Raceway
Shree Ayyappaa Kshetram
Velmore Hotel & Spa
Temporarily closed
Wierdabrug Police Station
Royal Elephant Hotel & Conference Centre
Hoërskool Eldoraigne
2km
85 945
28.108; -25.749
-90.00, 0.00, 0.00
Z:100%



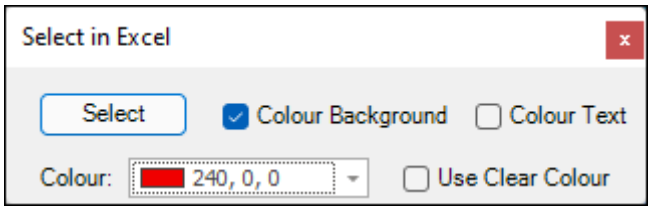
Select selected elements in Excel

The **Select selected elements in Excel** button allows you to select the rows in Excel that correspond to the selected elements in the scene. This is for SpatialXL only:





You can choose to have the rows selected in the following ways: **Colour Background**, **Colour Text** or not selecting any of these and the rows will just be highlighted for you. I will choose Colour Background for this example and choose the colour to be red:



Then click **Select** and the rows are coloured for you. You can then filter by colour to see all these rows:

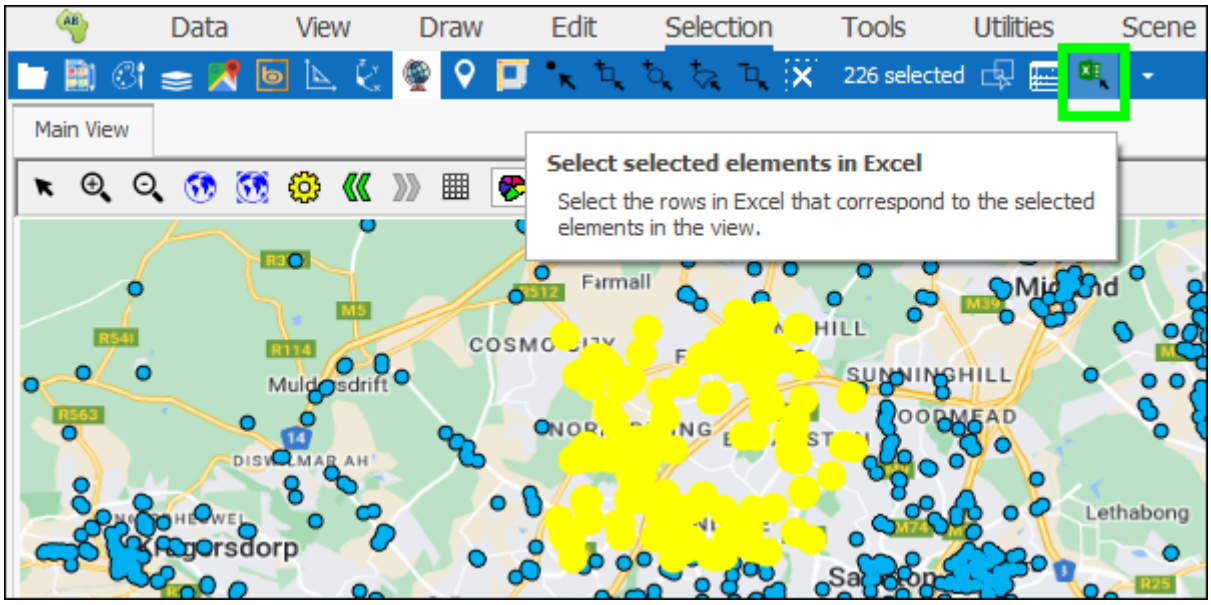
	A	B	C	D	E	F	
1	CODE	CUSTOMER NAME	LONGITUDE	LATITUDE	PROVINCE	REGION	MUNICIPALITY
24260	24121	TSIBISI FRUIT AND VEGETABLES	28.178162	-25.74734	GAUTENG	Western Gauteng	CITY OF TSHWANE
24261	29052	NEW COURT TAKE AWAYS	28.183642	-25.749511	GAUTENG	Western Gauteng	CITY OF TSHWANE
24262	7310	AD LIQUOR STORE	28.148785	-25.718877	GAUTENG	Western Gauteng	CITY OF TSHWANE
24263	19053	OTTOS CAFE	28.15694	-25.722367	GAUTENG	Western Gauteng	CITY OF TSHWANE
24264	15248	THE GOLDEN SPOON CAFE	28.15869	-25.722399	GAUTENG	Western Gauteng	CITY OF TSHWANE
24265	10426	HUSSE MET LANG ORE PLAASWINKEL	28.167249	-25.726418	GAUTENG	Western Gauteng	CITY OF TSHWANE
24266	1677	RAMONA FOOD AND VEG	28.1394	-25.859685	GAUTENG	Western Gauteng	CITY OF TSHWANE
24267	1312	DAWSON MOTORS	28.09649	-25.810428	GAUTENG	Western Gauteng	CITY OF TSHWANE
24268	21817	SANCARDIA LIQUORS	28.204868	-25.74458	GAUTENG	Western Gauteng	CITY OF TSHWANE
24269	26732	SAVE A RAND CASH & CARRY	28.12896	-25.742442	GAUTENG	Western Gauteng	CITY OF TSHWANE
24270	23200	THE LIQUOR COMPANY HILLCREST	28.241905	-25.758772	GAUTENG	Western Gauteng	CITY OF TSHWANE
24271	6992	FOOD LOVERS CAFE	28.225669	-25.805102	GAUTENG	Western Gauteng	CITY OF TSHWANE
24272	14213	WIERDA BRIDGE CAFE & SUPERMARKET	28.156839	-25.82604	GAUTENG	Western Gauteng	CITY OF TSHWANE
24273	30053	KINGS DINER	28.161007	-25.75424	GAUTENG	Western Gauteng	CITY OF TSHWANE
24274	36124	SANDYS TAKE AWAYS	28.150715	-25.755648	GAUTENG	Western Gauteng	CITY OF TSHWANE
24275	3085	CASH SALES NG51506	28.322749	-25.797097	GAUTENG	Western Gauteng	CITY OF TSHWANE
24276	6075	QUDUS CASH & CARRY	28.186104	-25.748734	GAUTENG	Western Gauteng	CITY OF TSHWANE
24277	3486	LISA CAFE	28.138008	-25.758804	GAUTENG	Western Gauteng	CITY OF TSHWANE
24278	12715	ARCHIES SUPERMARKET	28.195257	-25.747746	GAUTENG	Western Gauteng	CITY OF TSHWANE
24279	1188	BABAMA CASH & CARRY	28.18327	-25.75165	GAUTENG	Western Gauteng	CITY OF TSHWANE
24280	21148	RIO FAST FOOD	28.185883	-25.749546	GAUTENG	Western Gauteng	CITY OF TSHWANE
24281	23079	WONDERLAND SUPERMARKET	28.186144	-25.749247	GAUTENG	Western Gauteng	CITY OF TSHWANE
24282	16616	DANOK TRADING ENTERPRISE	28.186113	-25.748854	GAUTENG	Western Gauteng	CITY OF TSHWANE
24283	20146	ERGOFLEX 399 CC	28.1891	-25.748899	GAUTENG	Western Gauteng	CITY OF TSHWANE
24284	28412	GABY'S TAKE AWAY	28.16371	-25.716049	GAUTENG	Western Gauteng	CITY OF TSHWANE
24285	18864	LUCKY DIP	28.142929	-25.718285	GAUTENG	Western Gauteng	CITY OF TSHWANE
24286	23554	R5 STORE SUPERMARKET	28.306133	-25.085417	LIMPOPO	Northern Gauteng	BELA BELA MUNIC
24287	38817	LOVE & PEACE LIQUOR RESTAURANT	25.603584	-25.6878	NORTH WEST	Western Gauteng	MAFIKENG MUNIC
24288	17038	MABUSELA EATING HOUSE	28.98012	-24.14704	LIMPOPO	Northern Gauteng	MOGALAKWENA M
24289	10488	MOHWIBIDU FRUIT SHOP	28.98013	-24.14705	LIMPOPO	Northern Gauteng	MOGALAKWENA M
24290	22737	NGOAKONTSATSI GENERAL DEALER	28.98014	-24.14706	LIMPOPO	Northern Gauteng	MOGALAKWENA M
24291	2794	VERSTOTELING CAFE	28.98015	-24.14707	LIMPOPO	Northern Gauteng	MOGALAKWENA M
24292	1379	DITAU GENERAL DEALER	28.68151	-23.39662	LIMPOPO	Northern Gauteng	MOGALAKWENA M
24293	9508	CRECY CASH STORE	29.075033	-24.596176	LIMPOPO	Northern Gauteng	MOOKGOPHONG
24294	28980	MABITSELA CASH STORE	28.241567	-25.4003	GAUTENG	Western Gauteng	CITY OF TSHWANE
24295	17287	MASEKO GENERAL DEALER	28.236467	-25.396867	GAUTENG	Western Gauteng	CITY OF TSHWANE

Retail_Outlets

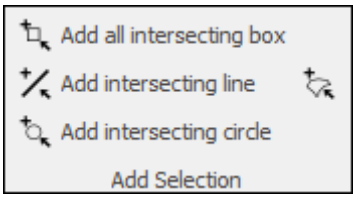
	A	B	C	D	E	F	
1	CODE	CUSTOMER NAME	LONGITUDE	LATITUDE	PROVINCE	REGION	MUNICIPALITY
24260	24121	TSIBISI FRUIT AND VEGETABLES	28.178162	-25.74734	GAUTENG	Western Gauteng	CITY OF TSHWANE
24261	29052	NEW COURT TAKE AWAYS	28.183642	-25.749511	GAUTENG	Western Gauteng	CITY OF TSHWANE
24276	6075	QUDUS CASH & CARRY	28.186104	-25.748734	GAUTENG	Western Gauteng	CITY OF TSHWANE
24278	12715	ARCHIES SUPERMARKET	28.195257	-25.747746	GAUTENG	Western Gauteng	CITY OF TSHWANE
24279	1188	BABAMA CASH & CARRY	28.18327	-25.75165	GAUTENG	Western Gauteng	CITY OF TSHWANE
24280	21148	RIO FAST FOOD	28.185883	-25.749546	GAUTENG	Western Gauteng	CITY OF TSHWANE
24281	23079	WONDERLAND SUPERMARKET	28.186144	-25.749247	GAUTENG	Western Gauteng	CITY OF TSHWANE
24282	16616	DANOK TRADING ENTERPRISE	28.186113	-25.748854	GAUTENG	Western Gauteng	CITY OF TSHWANE
24283	20146	ERGOFLEX 399 CC	28.1891	-25.748899	GAUTENG	Western Gauteng	CITY OF TSHWANE
28923	22588	CAPPYS FISH & CHIPS	26.85981	-26.84794	NORTH WEST	Western Gauteng	CITY COUNCIL OF
28924	11688	DEON BOTTLE STORE	26.86663	-26.84352	NORTH WEST	Western Gauteng	CITY COUNCIL OF
28925	14402	SUNNYSIDE TUCKSHOP	26.87754	-26.85044	NORTH WEST	Western Gauteng	CITY COUNCIL OF
28926	30310	HARRYS CAFE	26.78599	-26.83533	NORTH WEST	Western Gauteng	CITY COUNCIL OF
28927	39812	KABOUS FISH & CHIPS	26.77428	-26.8412	NORTH WEST	Western Gauteng	CITY COUNCIL OF
28928	33101	KHUMA MOTORS	26.859584	-26.847234	NORTH WEST	Western Gauteng	CITY COUNCIL OF
28929	19082	MIDTOWN LIQUOR STORE	26.76402	-26.8446	NORTH WEST	Western Gauteng	CITY COUNCIL OF
28930	32889	PICK & SAVE SUPERMARKET	26.77571	-26.84242	NORTH WEST	Western Gauteng	CITY COUNCIL OF
28931	23663	RATANANG CAFE	26.86673	-26.84328	NORTH WEST	Western Gauteng	CITY COUNCIL OF
28932	25087	SOMERSET SUPERMARKET	26.77349	-26.84602	NORTH WEST	Western Gauteng	CITY COUNCIL OF
28933	20264	STEVENS LIQUOR STORE	26.78883	-26.84329	NORTH WEST	Western Gauteng	CITY COUNCIL OF
28934	19014	TEMBEKA TRADING	26.75481	-26.86765	NORTH WEST	Western Gauteng	CITY COUNCIL OF
28935	9352	NGWENYA TAVERN	26.77662	-26.84402	NORTH WEST	Western Gauteng	CITY COUNCIL OF
28936	34975	BUFFELS CENTRE	26.80536	-26.89712	NORTH WEST	Western Gauteng	CITY COUNCIL OF
28938	26303	KHUMA SUPERMARKET	26.86644	-26.8505	NORTH WEST	Western Gauteng	CITY COUNCIL OF
29558							
29559							
29560							
29561							
29562							
29563							
29564							
29565							
29566							
29567							
29568							
29569							

Retail_Outlets

The **Select selected elements in Excel** button can also be accessed from the Quick Access Toolbar:

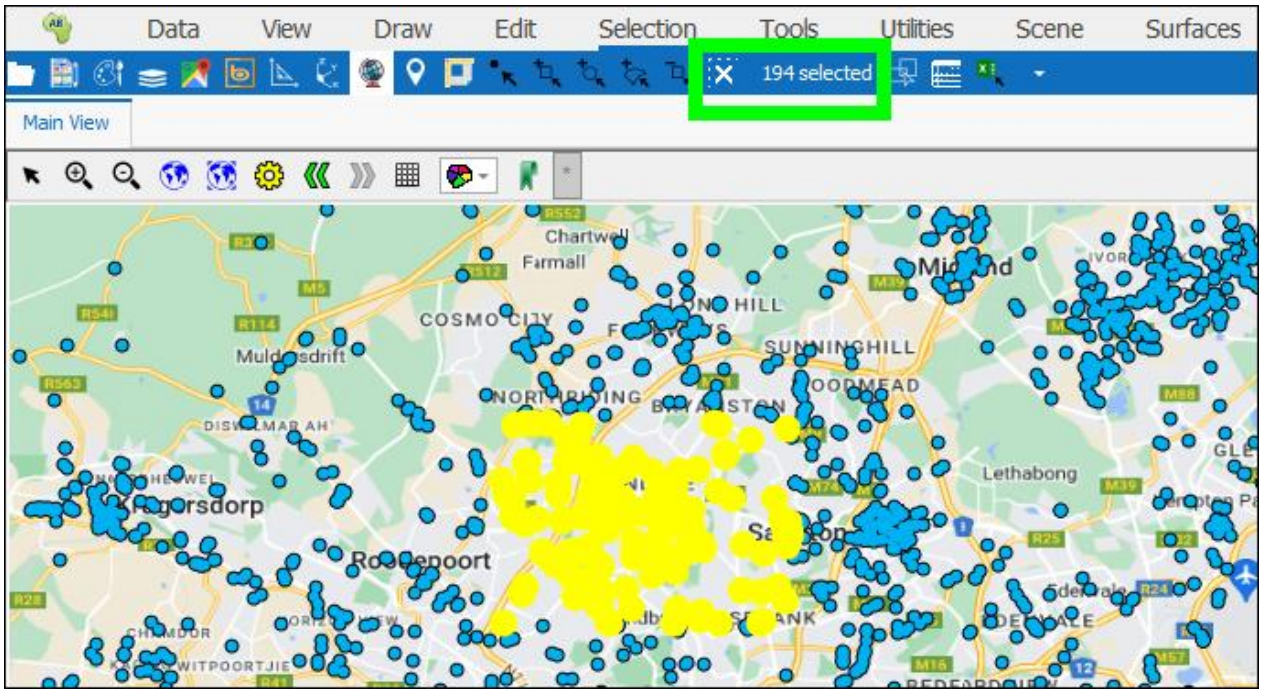


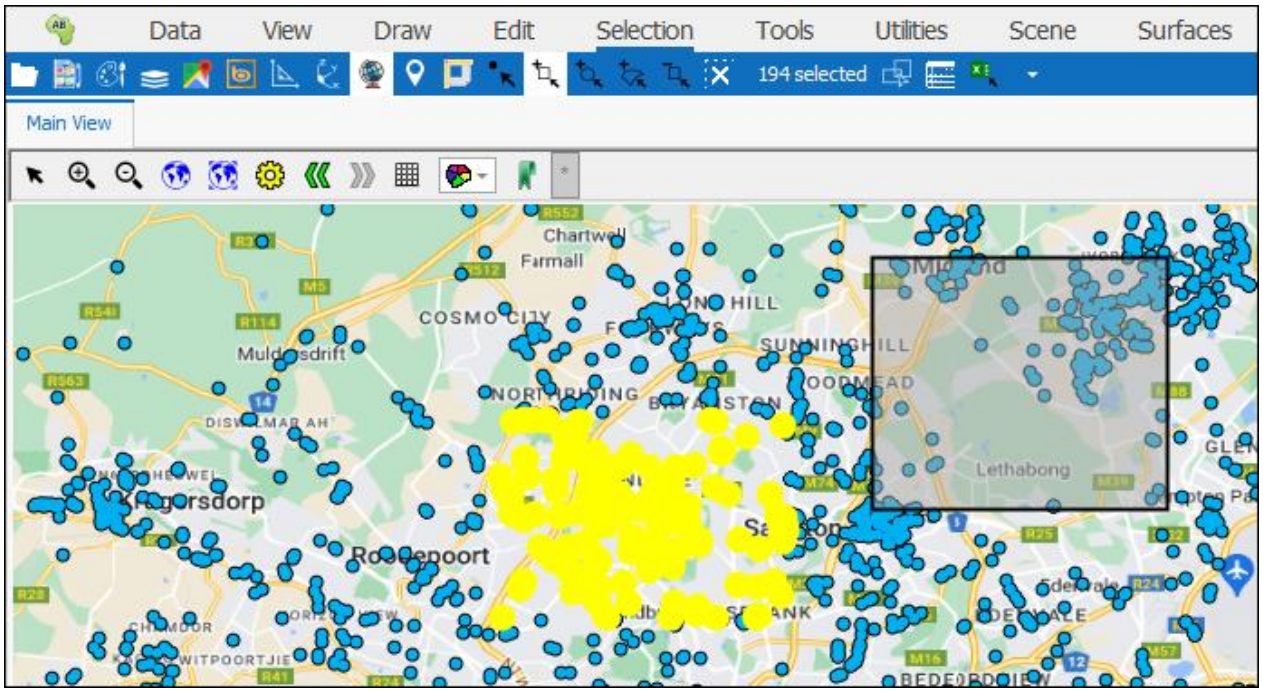
Add Selection

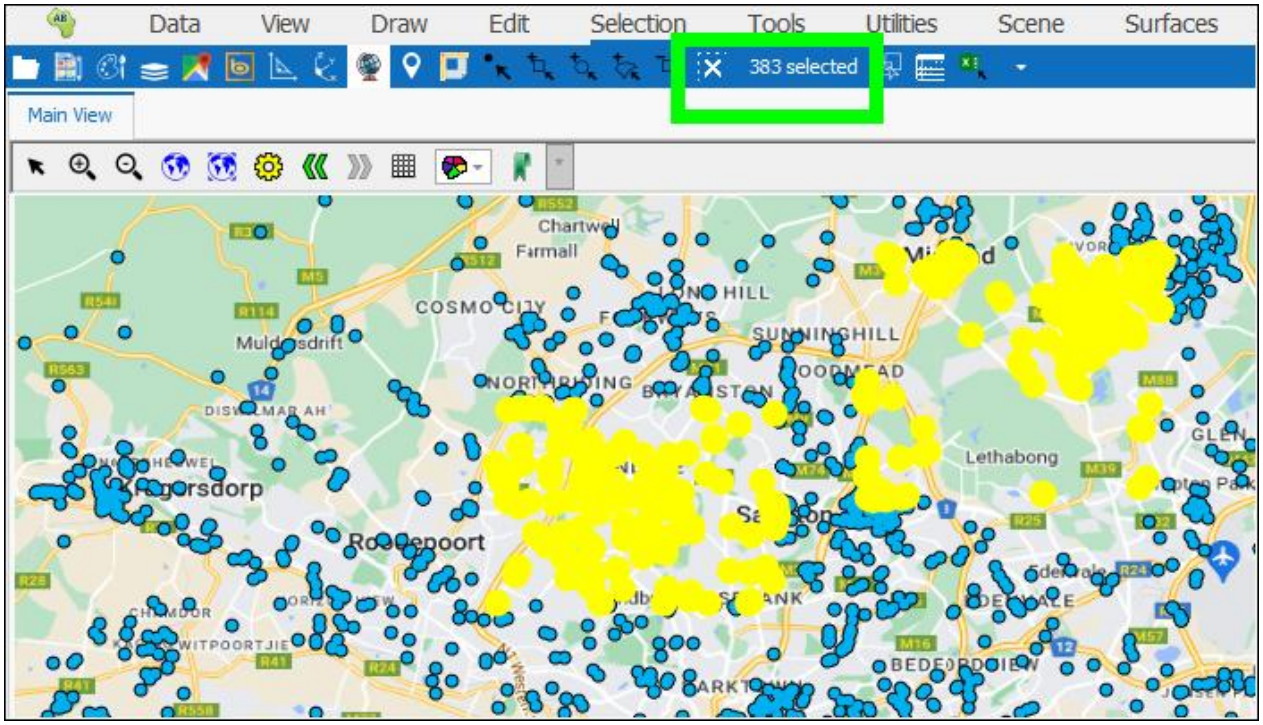


The **Add Selection** section of the tab has the same tools as the **Selection** section that work the same, the only difference is that as you use them, they *add* elements to the selection and do not set the selection to exclusively the elements you have just selected.

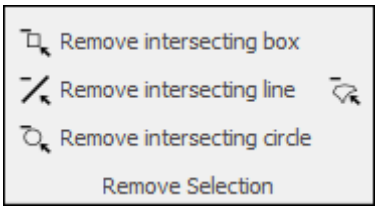
For example, you can select some elements with an intersecting box and then if you select other elements with this same or another tool in this tab, they are *added* to the number of currently selected items:



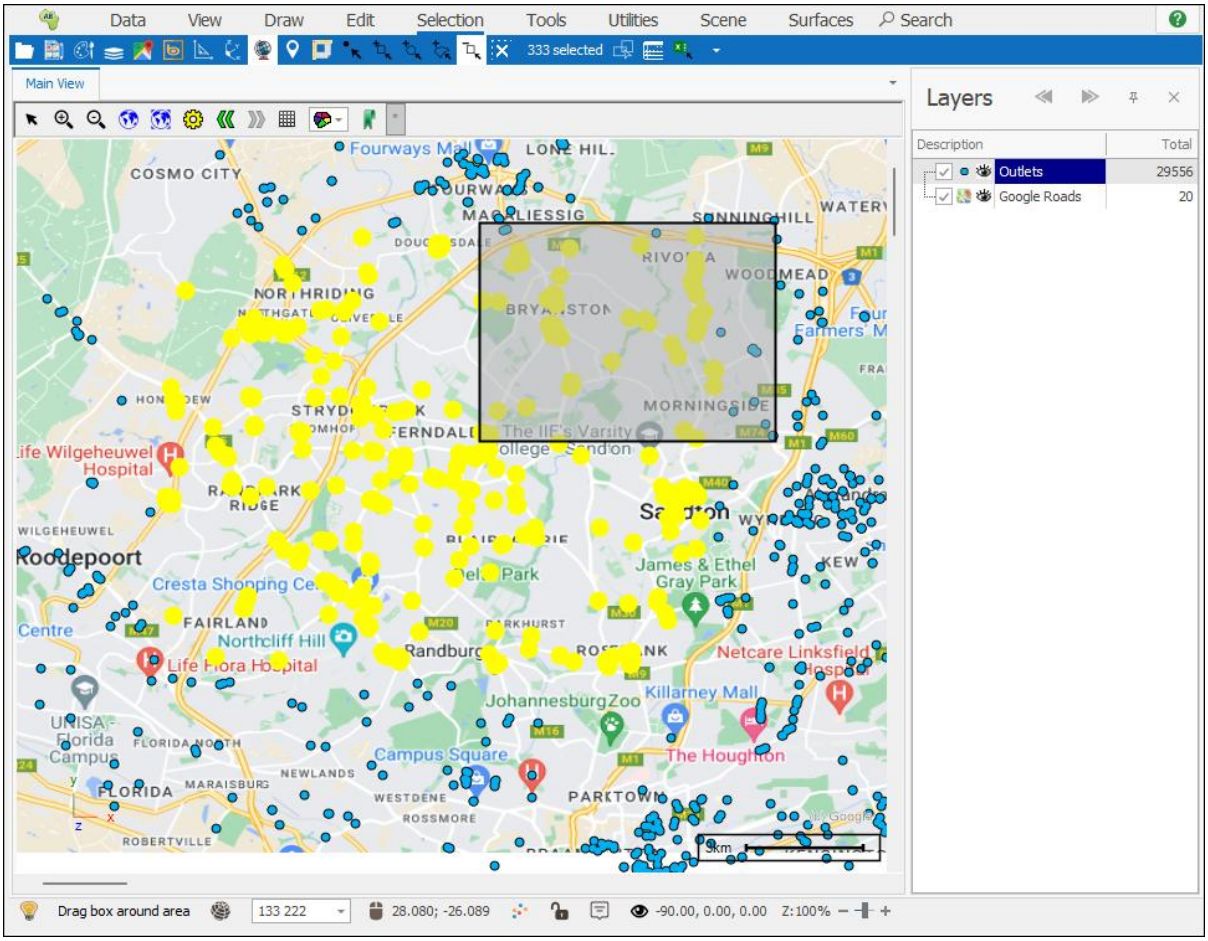


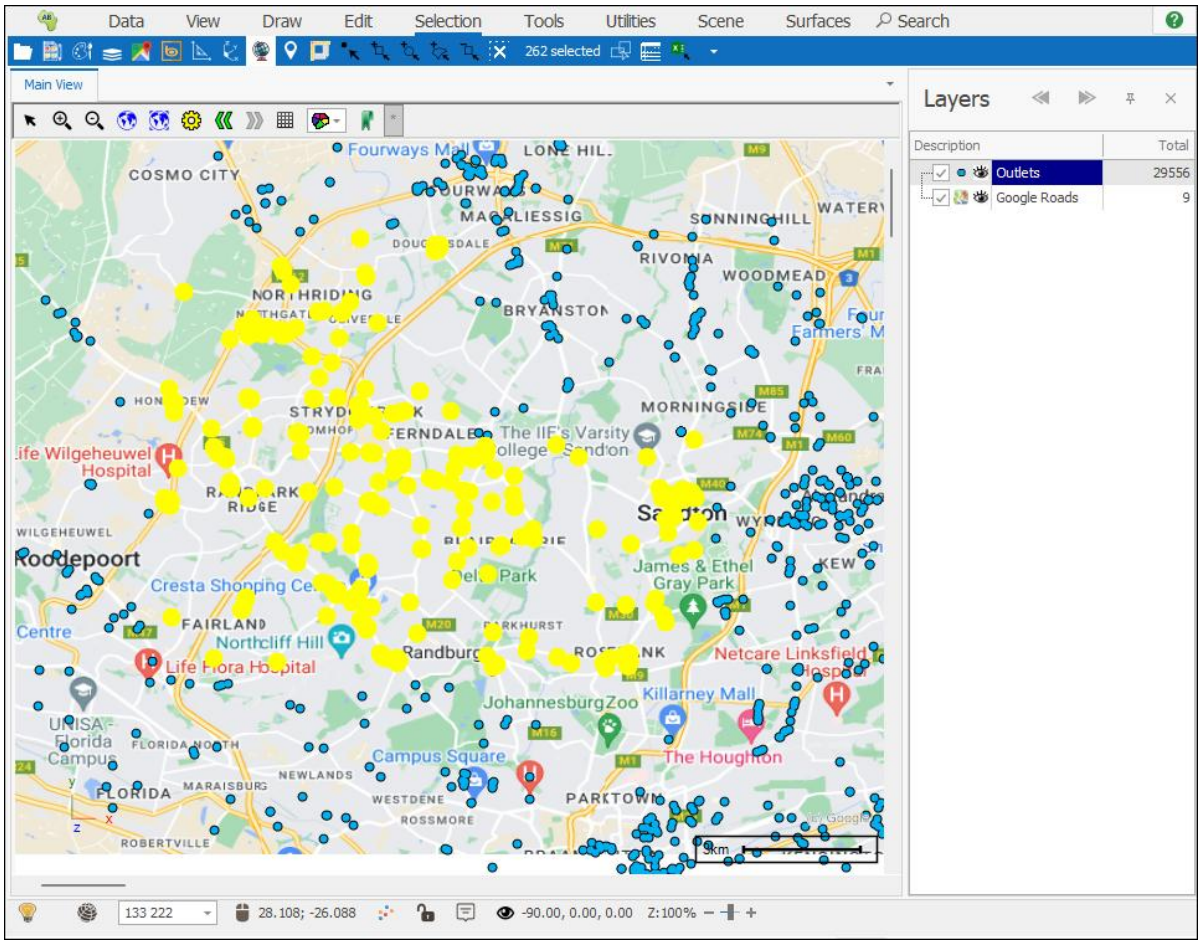


Remove Selection



The **Remove Selection** of the tab contains the same kind of tools as can be found in the other sections of the tab; the only difference is these tools are used to *remove* elements from selection. For example, you might have selected an area of items and then want to remove some from the selection:





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1684, South Africa