

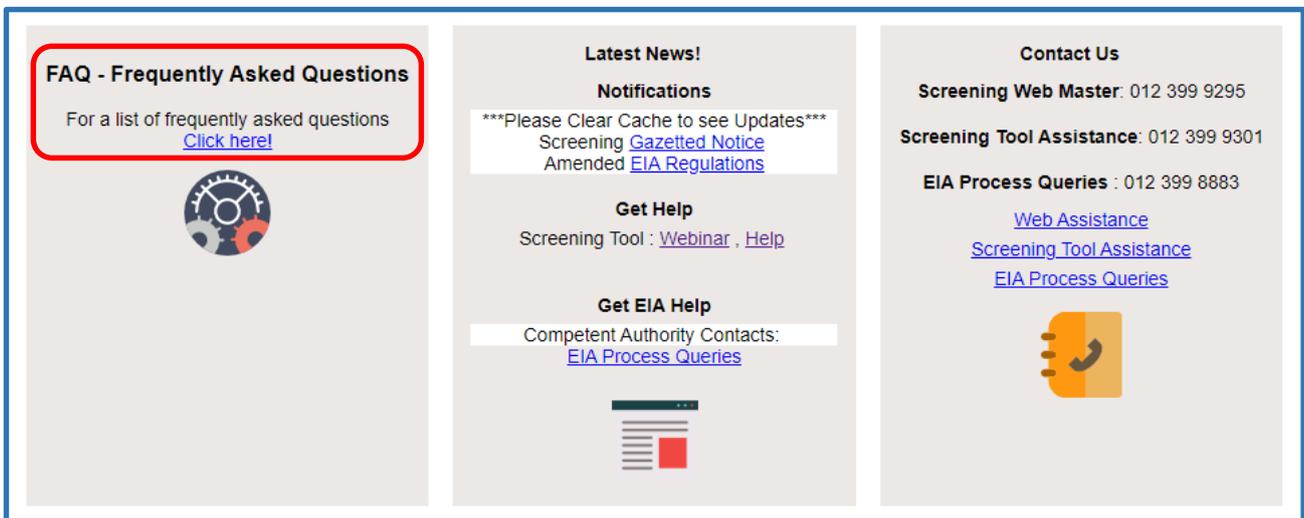
Dear Screening Tool User,

During the past year we supported various users regarding a range of requests and queries and user's feedback allowed us to keep track of what worked well and where improvements are required. With available resources in this financial year, some necessary updates were made. We view the screening tool and its improvements as work in progress and will continuously, work at improvements and updates in line with available resources.

Here is a Summary of the major changes deployed on 7 January 2021:

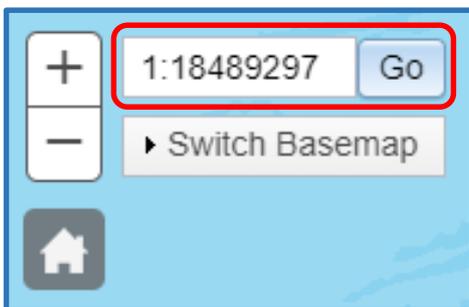
Change 1: Front Page Change to provide a Frequently Asked Questions (FAQ) document

- Added a **Frequently Asked Question (FAQ)** link to the Front Page
(Currently work in progress and will be viewed as a live document)



Change 2: Zoom Function

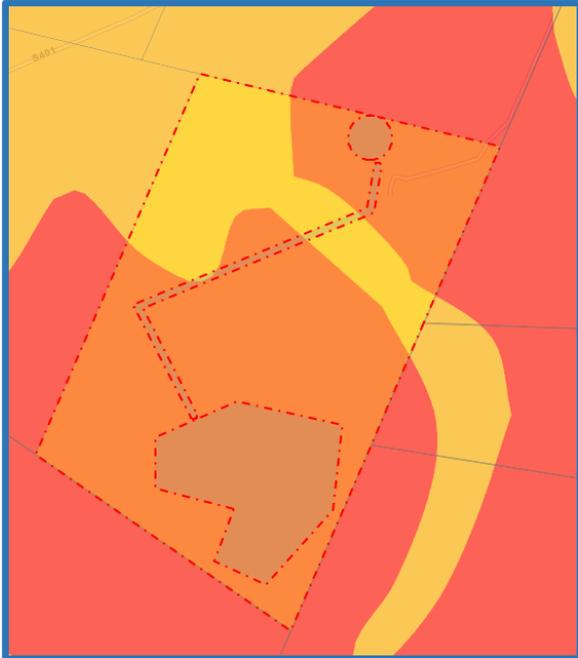
- **Zoom in/Out increments** to the desired scale for the map



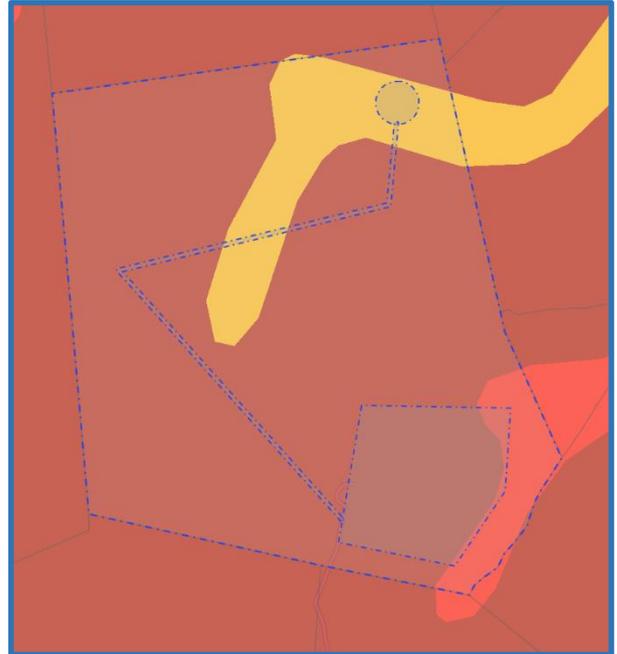
(Added a finer scale option for the zoom in/out increments of the Navigation tool in order to better manage the desired scale especially for use in the "Print")

Change 3: Visualisation of Site and Footprint

From



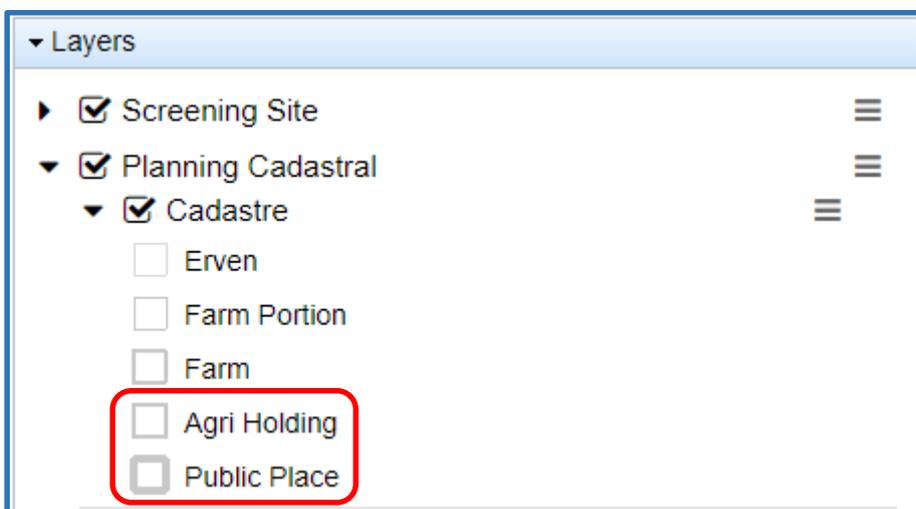
To



Changes were made to the colours of the Site/Footprint to avoid a clash with the sensitivity data colours – The site and footprint(s) are both blue dotted lines with the Site having a Light Grey fill (almost transparent) and the footprint area coloured a darker grey fill. The blue allows users to clearly see the sensitivity against their Site and footprint.

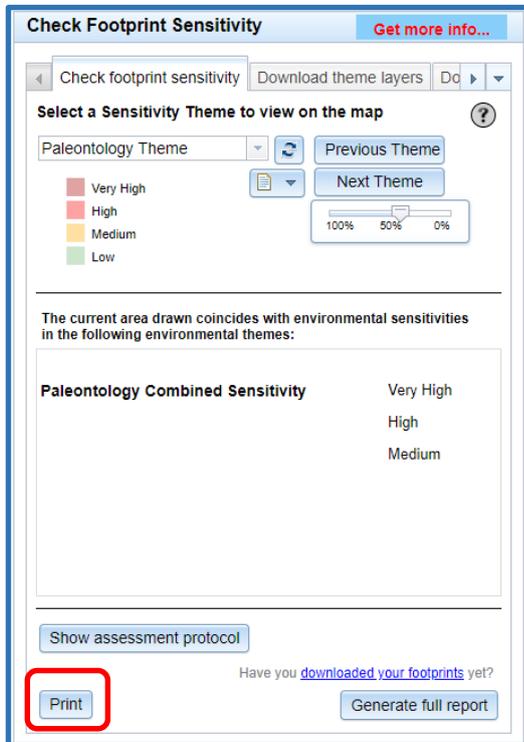
Change 4: Accommodation of Gaps in Cadastre

- Layers Pane - Gaps in **Cadastre**
*(Added **Agricultural Holdings** and **Public Places** as provided by the Surveyor General Office (CSG) to accommodate for some gaps in the search functionality that users were experiencing)*

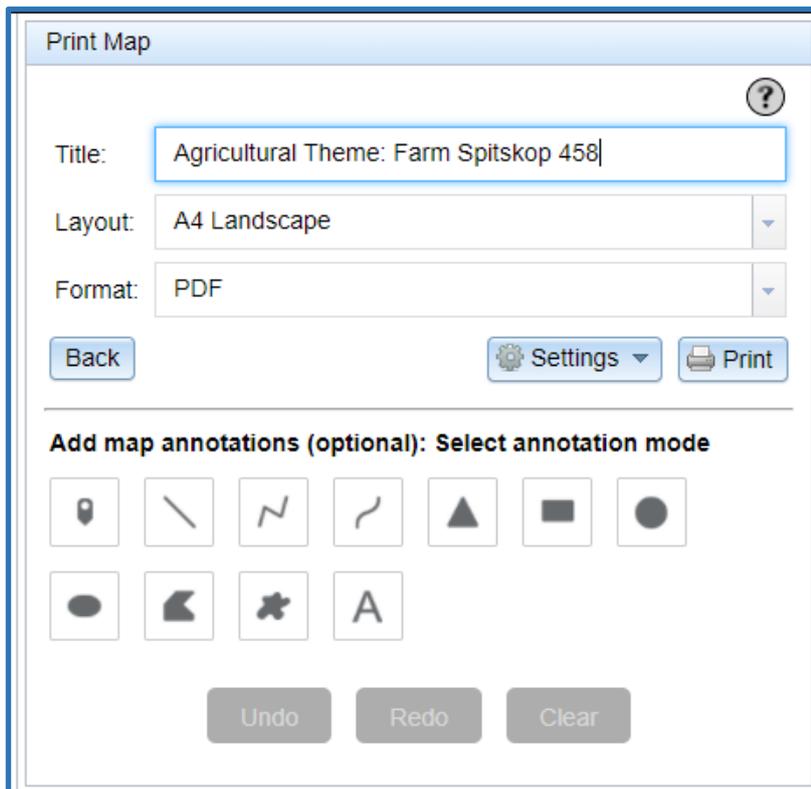


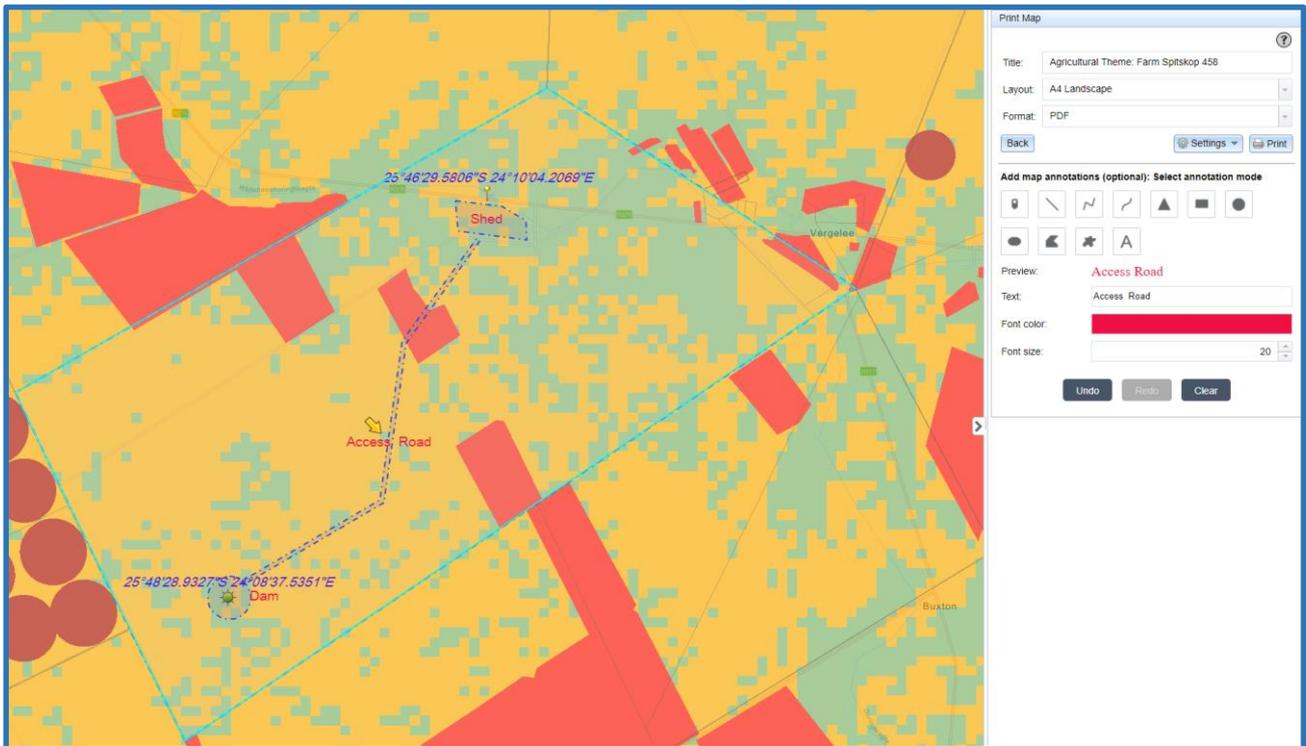
Change 5: Print Function

- "Print" Function – Initially added to allow users to create maps to support their reports.
- The new functionality on the Print Function provides for ****Annotations**** allowing for your additional map/data to be explained further.



- 1 - Select "Print"
- 2 - Create map of Screen Environment "on the fly"
- 3 - Download the map





Kindly spend some time to understand how these Annotations work. They can certainly enhance the Printed or PDF created maps to provide additional clarity eg.

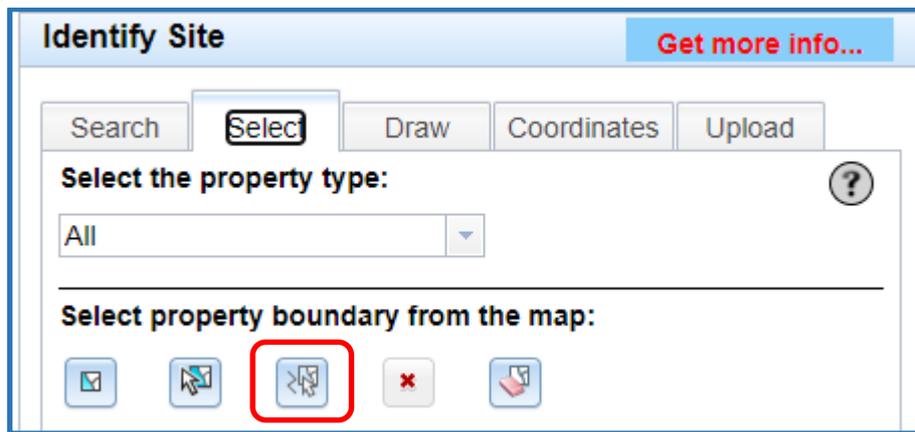
For Text, select colours, sizes etc. and then type your text to be added and select the relevant Text Icon to add. It will indicate to you as you hover over the map Pane "Click here to add point" and wherever you click is where the text will be place.

Similarly, you will use the same concept to add a point, a line etc. Each of these functions gives you different options to enhance, the point, line or text that you are adding.

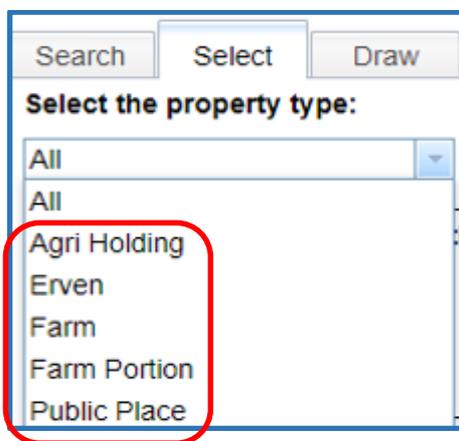
Note: The Text position will be the centre of the text and we are still working on a better placement option, Undo and replace for better placement for now.

Change 6: Select Function

- Identify Site Pane - "**Select**"
(The "Point" and "Extent" select icons was available but a bit limited in the selection of multiple adjacent parcels. A select by "polyline tool" icon was added and by simply dragging a line through adjacent parcels these parcels will be selected as site)



By selecting which specific type of the cadastre, the results box only provides matching records to that selection type removing duplicates.



Change 7: Accommodation of Non-Adjacent Parcels

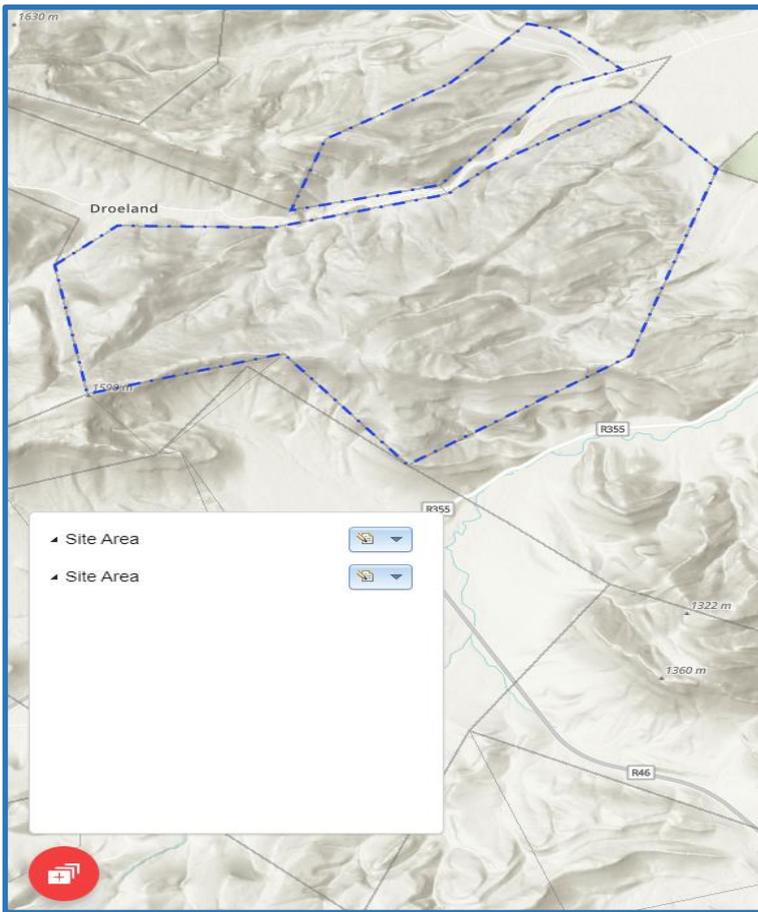
Note 1: That multi-ring polygons are still not accepted – that is when eg two polygons are picked up by the system where one polygon resides inside the other or in the case where a “hole” occurs within the Site incurring a situation where the lack of data constitutes a border line within a polygon or border.

*Note 2: Using Google Earth (KML/KMZ) to create multiple sites to be uploaded to the Screening Tool where users tend to draw up to 15 or so separate polygons as part of one Site – this will not be accepted by the Screening Tools– workaround is to **Draw a larger area encompassing the multiple polygons and add these as footprints.***

Changes now accommodate for are when:

*a user/applicant **can select/create two non-adjacent parcels as part of One Site**, however we did set a limit on the distance between these non-adjacent parcel to be 500 metres – this in a case where a river, road, servitude or narrow/linear feature separates two parcels but the applications applies to both parcels. The example depicts two parcels separated by a river or narrow cadastral entity.*

Again we do not allow for a large separation between parcels due to scale and map clarity.



Change 8: Identify Result Window

- Identify “**pop-up window**” previously obscured the actual erf/parcel identified.
Changed to be a floating popup which can be dragged

Change 9: Report Related

- **Report Title** - The title of the Report to be saved will now be automatically generated from information provided

Report Fields

Enter the following fields to add to the report:

EIA Practical Example

Dam, Shed & Access Road

6 Jan 2021

Who Knows

DWM

Cancel Ok

Eg.

File name: Dam, Shed & Access Road-Who Knows-2021-01-06 03-22

Save as type: Adobe Acrobat Document

The Result when prompted to save – can be changed or edited accordingly by the creator

- Prominent reference to **Classification in the Report**

Change provides for a more prominent reference of the “Classification”, added to the front page of the Screening Tool Report.

SCREENING REPORT FOR AN ENVIRONMENTAL AUTHORIZATION OR FOR A PART TWO AMENDMENT OF AN ENVIRONMENTAL AUTHORISATION AS REQUIRED BY THE 2014 EIA REGULATIONS – PROPOSED DEVELOPMENT FOOTPRINT ENVIRONMENTAL SENSITIVITY

EIA Reference number: EIA Practical Example

Project name: Dam, Shed & Access Road

Project title: 6 Jan 2021

Date screening report generated: 06/01/2021 15:28:06

Applicant: Who Knows

Compiler: DWM

Compiler signature:

Application Category: Transformation of land | Indigenous vegetation

- Reports (added Themes) - **Plants and Animals Theme.**
*** Plants and Animals themes have been added to all aspects of the screening process.*
Note: Sensitivities of certain Animal and Plant Species are references by a numerical value (number), in which cases the Report provides contact details for SANBI for the user/applicant to follow up for more detail information.

Eg:

Animal Species:

Sensitivity	Feature(s)
High	Mammalia-Acinonyx jubatus
High	Mammalia-Panthera leo
High	Sensitive species 2
High	Aves-Ciconia nigra
High	Mammalia-Loxodonta africana
High	Mammalia-Hippopotamus amphibius
Medium	Insecta-Anthene minima minima
Medium	Mammalia-Ourebia ourebi ourebi
Medium	Sensitive species 2
Medium	Reptilia-Kinixys natalensis
Medium	Aves-Ciconia nigra

Plant Species:

Sensitivity	Feature(s)
Low	Low Sensitivity
Medium	Sensitive species 1252
Medium	Sensitive species 738
Medium	Sensitive species 191
Medium	Sensitive species 45

Where only a sensitive plant unique number or sensitive animal unique number is provided in the screening report and an assessment is required, the environmental assessment practitioner (EAP) or specialist is required to email SANBI at eiadatarequests@sanbi.org.za listing all sensitive species with their unique identifiers for which information is required. The name has been withheld as the species may be prone to illegal harvesting and must be protected. SANBI will release the actual species name after the details of the EAP or specialist have been documented.

Change 10: Area Greater than 500sq km

- *Managers of the Screening Tool have the ability to set the value of 500 square to a larger value – Users will have to request that this be done if required.*
- *Maps larger than the 500km² initially created a blank space in the Report leaving a Report gap in interpreting the sensitivities – This has been rectified, After the increase of area by Department Official, one can successfully create a report.*

Change 11: Data Related Updates/Changes

- Quarterly updates to the Cadastre information (parcel boundary data)
- Available Sensitivity data were sourced an updated.
- The Development Zone layer has been expanded with updates and addition made.