

Site reading in Google Colab

On Google Colab · both tools

Google runs the tool on one of its computers, and you drive it from a notebook in your browser. Each tool has its own notebook. Nothing to install.

YOU NEED

- A Google account. Colab is free.
- The notebook for your tool, from [aia-site-reading.pages.dev](#): *Colab notebook* under either door.
- Your site's pin (overlay) or address (open), and your filled-in style card.

[X NEEDED] · Colab's machines are overseas, and whether the NSW map services answer them is still being checked. Until this box goes, use the browser for the overlay tool and your own computer for the open tool.

Open the notebook

- 1 Go to colab.research.google.com and sign in.
- 2 Choose **File** > **Upload notebook** and pick the notebook you downloaded.
- 3 Colab asks whether you trust the notebook. It's ours, so say yes.

Site Layers-overlay notebook

- 1 Fill in the form in step 1: pin, where, radius (leave it at **200**) and a name.
- 2 Choose **Runtime** > **Run all**.
- 3 At step 2, upload your archiMap DXF and style card, or press *Cancel upload* to skip.
- 4 At the end, the zip downloads by itself.

Site Layers-open notebook

- 1 Run the first cell (▶ on its left), *Set up the tool*. It prints **Site Layers-open 1.0 ready**.
- 2 Edit the **style card** cell with your colours, weights, hatches and typeface, and run it.

- 3 In *Run it*, type your address the way you'd write it on an envelope, with suburb and state, or paste `lat, lon`. Leave the radius at **300**. Run it: one to three minutes.
- 4 Run *Look at what came back*, then *Download everything*.

IF IT DOESN'T WORK

- **It stops or goes quiet:** free Colab sessions shut down when idle. Choose *Run all* again. Answers already fetched are kept for that session.
- **The download doesn't start:** open the **folder icon** on the left, find the output folder, right-click the `.zip` and choose **Download**.
- **Your typeface isn't used:** Colab has very few fonts. Use `DejaVu Sans` and change the type in Illustrator later.
- **Google is blocked where you are:** use the *Your computer* sheet instead.

BEFORE YOU RELY ON IT

Neither tool is a survey, a planning certificate or planning advice. **An empty layer does not mean the site is clear.** For example, most Sydney councils publish no flood map on the Planning Portal, and the register says so. Title, easements, the DCP and the section 10.7 certificate are always yours to check.

Questions go to office hours, straight after class.