AUSTRALIAN PROPERTY TEAMS

An asset in its *landscape.*

Which evidence would you request before assessing a property? Omnvex Atlas lets a reviewer explore that question with three fictional sites.

Compare the two map views on page 4



ESTUARY WORKS / FLOOD OVERLAY

Which property needs a closer look?

A council analyst, insurer or asset manager can use the atlas to turn a portfolio question into a request for a survey, inspection or local study.



ATLAS CONTROLS AND RELIEF MAP / ACTUAL BROWSER VIEW

01 ## Select a site

The register marks a fictional facility. Its parcel boundary still needs a survey.

02 ## Hold a layer

Keep Flood selected as you switch sites to compare the same band.

03 ## Read the evidence

Hide the overlay to check the terrain, then read the evidence request for that view.

Three sites on one coast.

Each starting view pairs a feature in the drawing with a question for someone familiar with the site.

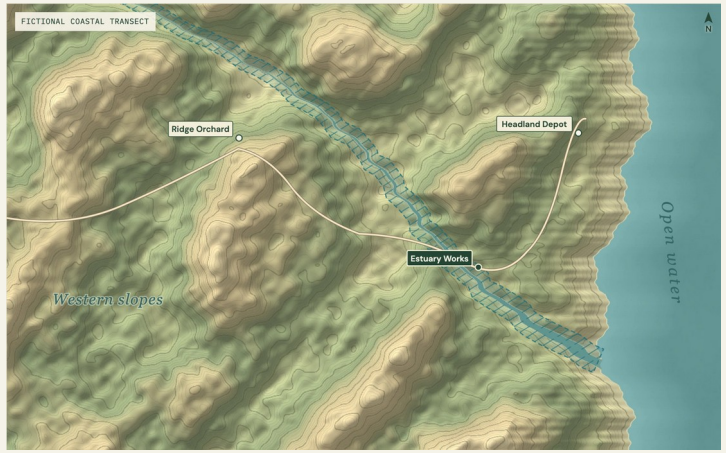


BUSHFIRE

Ridge Orchard

The hatch ends just northwest of the orchard.

What vegetation and clearance would an inspection find around the structures?



FLOOD

Estuary Works

The blue band follows the widening river.

Which floor survey and flood study cover this part of the plain?



STORM

Headland Depot

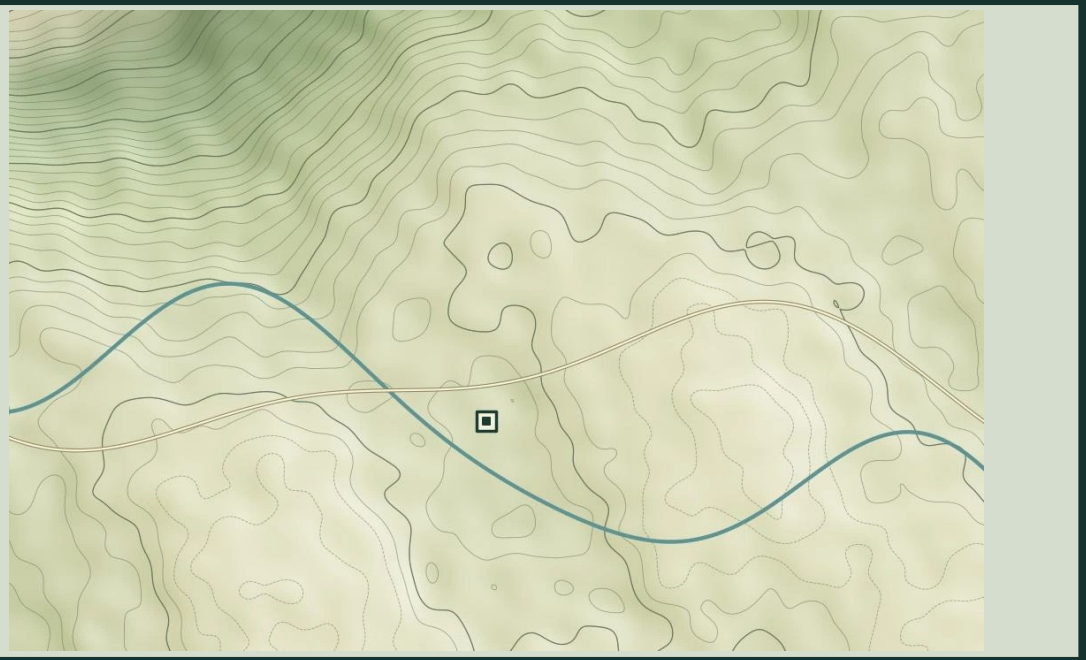
The coastal band crosses the depot marker.

What do local wind records and a current roof inspection show?

Would water reach the works floor?

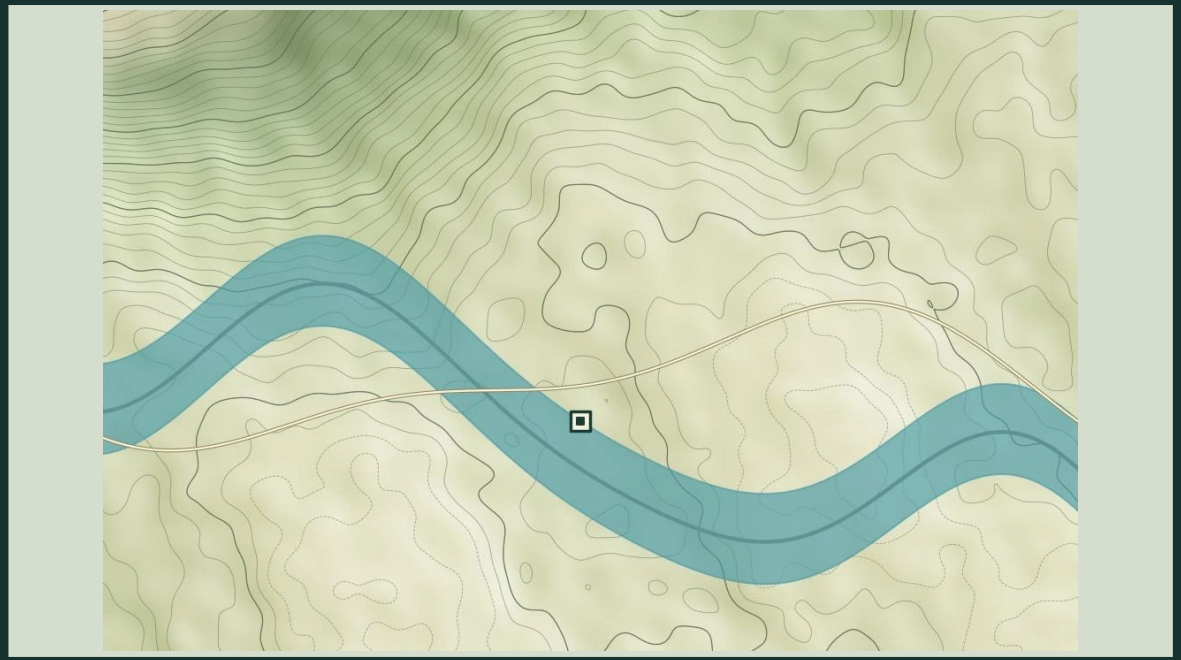
Both plates use the same extent. Look for the square marker before and after the flood layer is added.

01 BASE TERRAIN



A fine blue line traces the watercourse.

02 FLOOD LAYER



The blue band marks an area to investigate.

The marker stays fixed. Water depth, peak water level and floor height are unknown.

Where does the road meet the marker?



READING STEP 03

On the drawing

The Estuary Works marker overlaps the drawn access road. The dot represents the whole facility. It leaves the driveway, loading door and lowest floor unlocated.

What would locate the floor?

Ask a surveyor for the footprint and lowest finished-floor elevation, with a survey date and vertical datum.

A floor and a flood level need one datum.

A height above the yard and a level in a flood study can use different reference points. Check the records before comparing the two numbers.

LEVELS TO VERIFY

Finished-floor elevation?

Survey date and vertical datum

Peak flood level?

Local study, event scenario and datum

Records to request

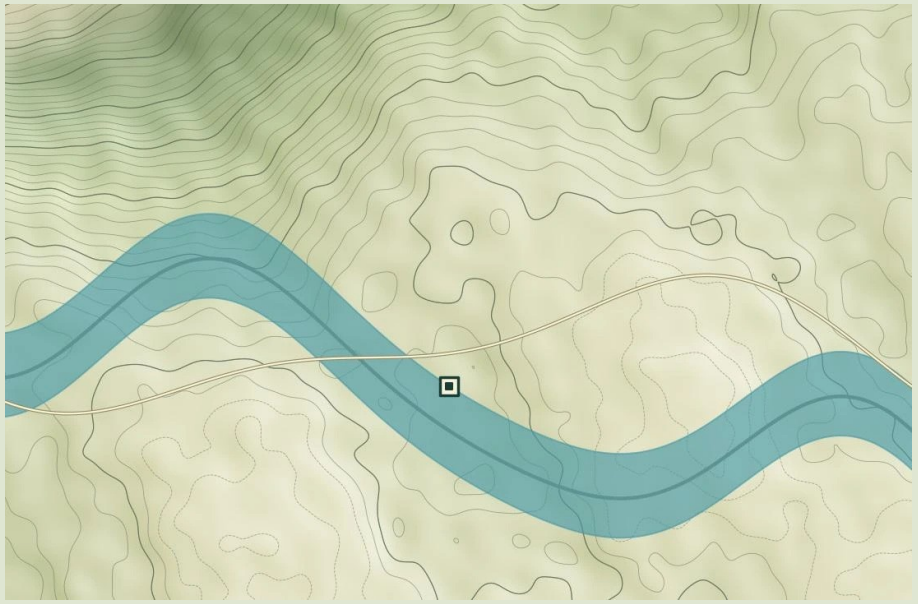
Check the surveyed parcel and lowest floor against a dated flood study that covers the site. Ask facilities staff about culverts, outlets and earlier flooding.

The browser displays local illustrations and fixed SVG layers. A drawing-grid position carries no geographic scale or elevation.

The prototype uses local JavaScript. It makes no live GIS, cloud compute, CUDA or NVIDIA SDK calls.

What remains unknown at Estuary Works?

FIELD NOTE / ESTUARY WORKS



FLOOD REVIEW / FICTIONAL FACILITY

Visible in this illustration

The watercourse curves past the marker on the schematic study sheet.

Evidence to request

A surveyed parcel boundary, site elevation and a documented flood layer with a date and source.

Decision pending

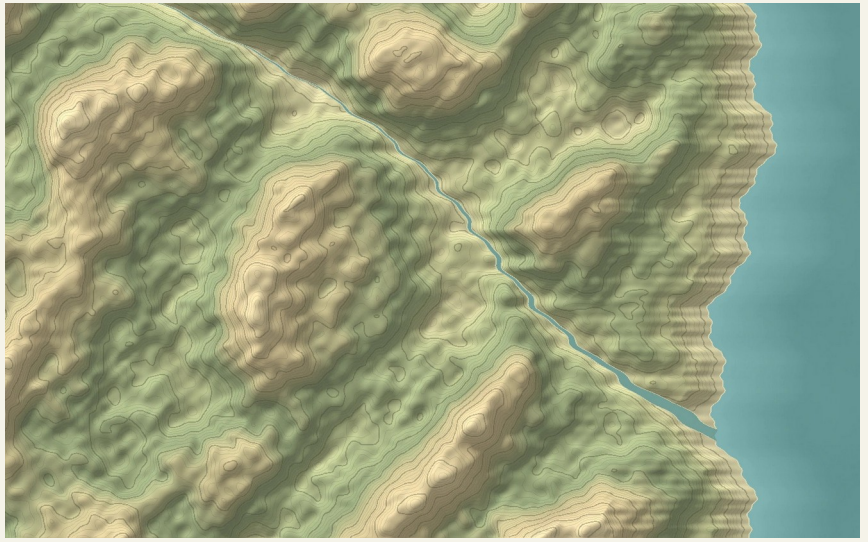
Keep the review open until the input quality and site-specific context can be checked.

Revisit the base and flood plates on page 4

Take one question *back to the sheet.*

In the companion atlas, select Estuary Works and Flood. Compare the same layer at Ridge Orchard, then write down the one record you would request first.

Return to the property review note on page 7



COMPANY DETAILS

Omnvex

Jiaxuan Li · Founder

Sydney, NSW, Australia

Public contact details remain unverified.

Omnvex Atlas is a browser-based design study.