

CREATING STOCKPILE MEASUREMENT

Key Terms

- Contour lines: Elevation lines you can turn on in the Survey tab.
- Minor / Major interval: Set contours to every 100 mm (minor) and 1 metre (major).
- Contrast mode: Optional view that shows contours in black/white for clarity.
- Polygon tools (Stockpile): Tool in the Measure tab used to outline a stockpile base.
- Dead band: Adjustable parameter on the stockpile; refine the displayed measurement/visual.
- 2D / 3D view: Display options for the stockpile visual (2D is preferred here).
- Surface vs Outline export: Surface for area/volume work; Outline to track stockpile locations in CAD/PDF.

Steps

1. Turn on contours

- Open the Survey tab and turn on contour lines.
- Set minor contours to every 100 mm and major contours to every 1 metre.
- Optionally toggle Contrast mode to show contours in black/white.



2. Select the Stockpile tool

- Go to the Measure tab.
- From the Polygon tools dropdown, choose Stockpile.
- An AI option is available, but proceed with a manual measurement

3. Outline the base of the stockpile (manual)

- Click points around the base of the stockpile.
- Using more points improves accuracy (for this tutorial, a rough outline is acceptable).
- Double-click to finish; the stockpile measurement is generated.



4. Review the measurement and display

- The volume is shown (example in the demo: 516).
- View the visual in 3D or 2D (preferred).
- Enable contours on the selected area if needed.

5. Adjust styling and parameters

- Scroll down to add additional colours to the stockpile.
- Adjust the dead band as required.
- Click Apply to commit changes.
- Rename the stockpile and adjust style properties as needed.



6. Quick export

- Use the arrow icon at the bottom of the toolbar for a quick export.
- Choose Surface (useful for consultants working on the area) or Outline (useful to track locations in CAD/PDF).
- Click Export to generate the file.



Tips & Good Practice

- Use more vertices around the base for higher accuracy.
- Switch to the 2D view for a clearer outline and faster interaction.
- Enable contours on the selected area to help validate the outline against terrain shape.
- Name stockpiles consistently (e.g., location + date) to simplify tracking and exports.

Troubleshooting

- No measurement after outlining: ensure you double-clicked to close the polygon.
- Contours hard to see: verify contour lines are on and try Contrast mode.
- Changes not applied: click Apply after adjusting colours or the dead band.
- Export options unclear: use the arrow icon at the bottom of the toolbar, then choose Surface or Outline.



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+44(0)1922 214910



info@dronesurveying.co.uk



dronesurveying.co.uk



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