



SURVEY
D R O N E S
PRECISION DATA. BETTER DECISIONS.

DRONE SURVEY SERVICE

Volumetric Surveys & Cut & Fill

Independent, timestamped stockpile and earthworks volumes.

Survey Drones

Specialist drone surveying for civil engineering and groundworks
United Kingdom • CAA authorised • £5m public liability

hello@surveydrones.co.uk
0800 000 0000
surveydrones.co.uk

OVERVIEW

Precise 3D measurement of stockpiles, excavations and bulk earthworks. Volumes are calculated from millions of measured points, and cut-and-fill compares the as-flown surface against your design surface or a previous drone survey.

WHAT'S INCLUDED

Stockpile Measurement

Individual and total volumes with grade and material tagging.

Cut & Fill Analysis

As-flown vs. design comparison — cut, fill and net volumes reported.

Colour-Mapped Reports

Heat-mapped visuals show where the site is over or under cut.

Repeat Captures

Monthly or milestone flights track material movement across the programme.

Survey-Grade Accuracy

RTK / PPK plus ground control — typically 25mm accuracy vertically.

Auditable Evidence

Timestamped, independently captured — suitable for valuation and disputes.

BENEFITS TO YOUR PROJECT

- Commercial certainty — Qs price valuations from measured evidence.
- Protect your margin on payment applications and final accounts.
- Monthly quantities delivered 24–48 hours after the flight.
- Fewer disputes — shared, timestamped, defensible volume data.

IDEAL FOR

Month-end valuations, material reconciliation, earthworks tracking, dispute evidence.