

Slope Failure at Dawson Memorial Field

GREEN EARTH MANAGEMENT CO LTD

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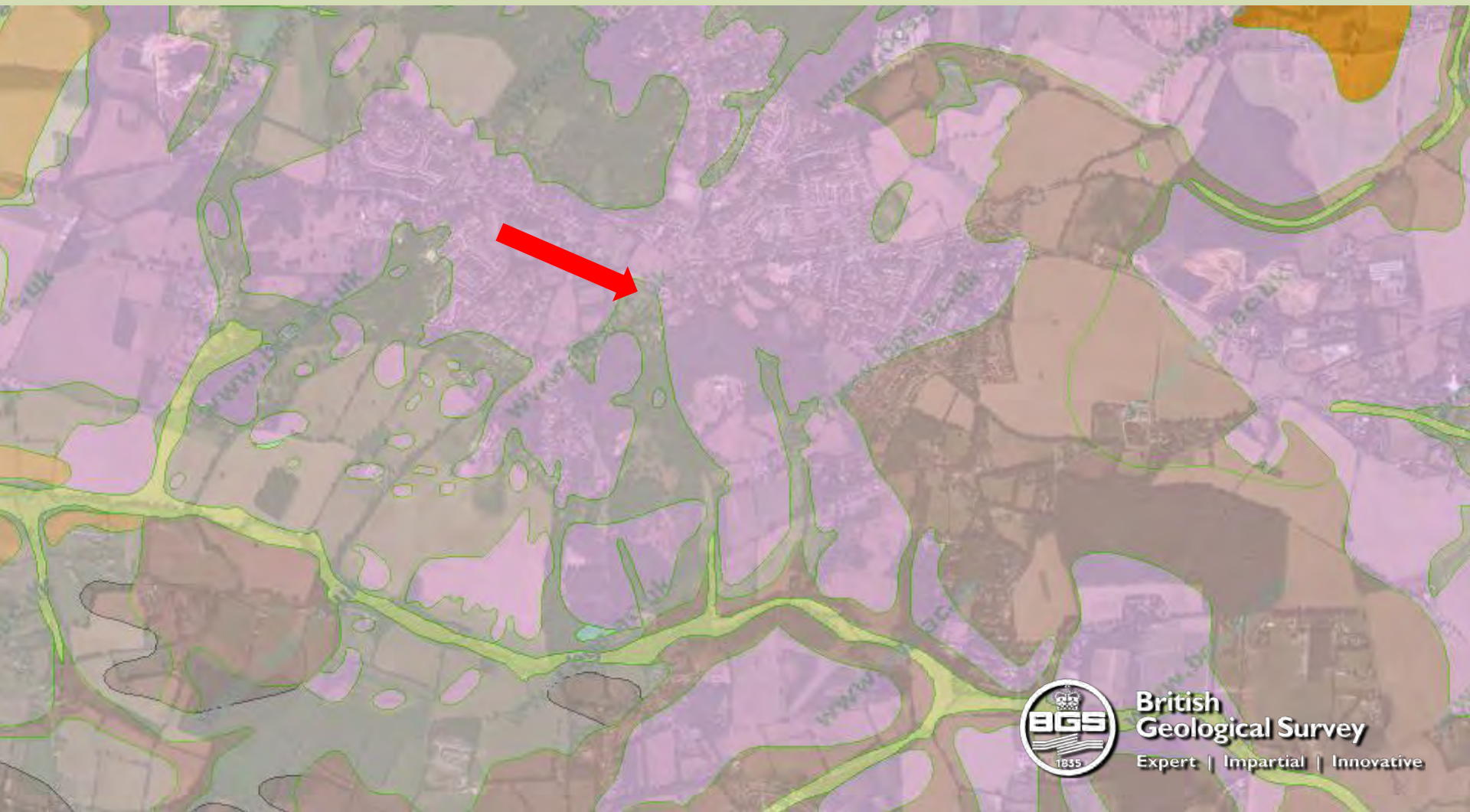
Chris Duffield



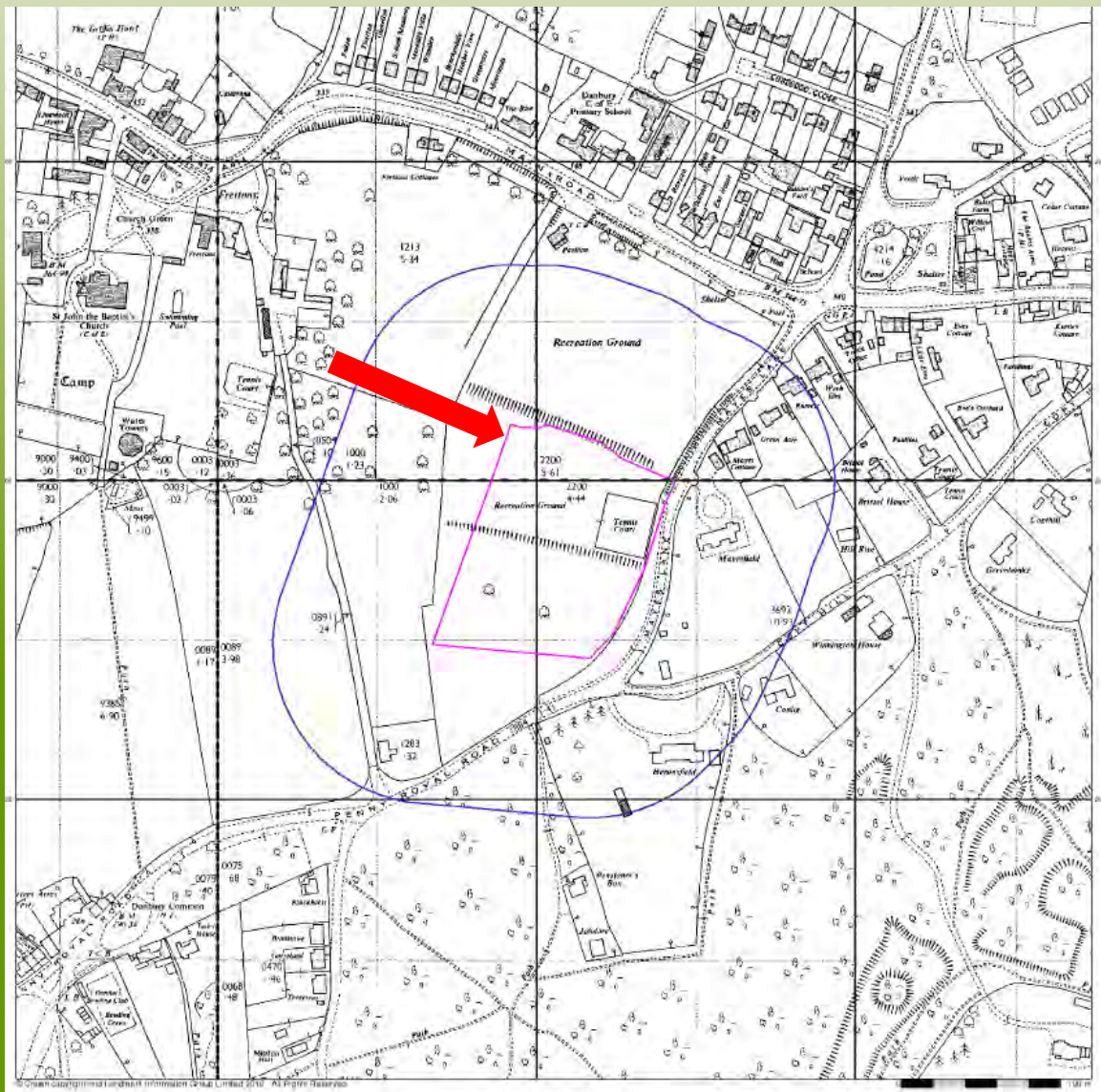












**1966-
1968**

Probable Causes

- Slip Surface- Weight of soil combined with increase in water (e.g. after heavy rainfall) at top of slope pushes slip forward.
- Made Ground from previous works washing down slope.
- Failure Mechanism not fully understood at this stage.

Site Investigation



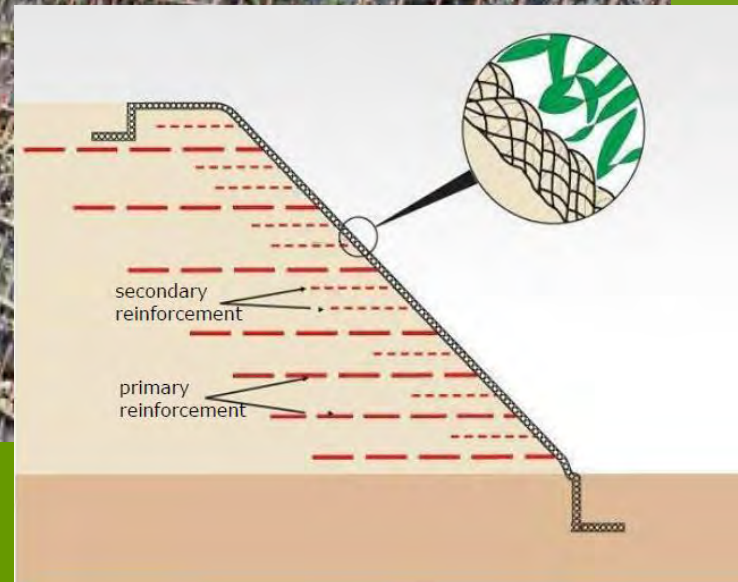
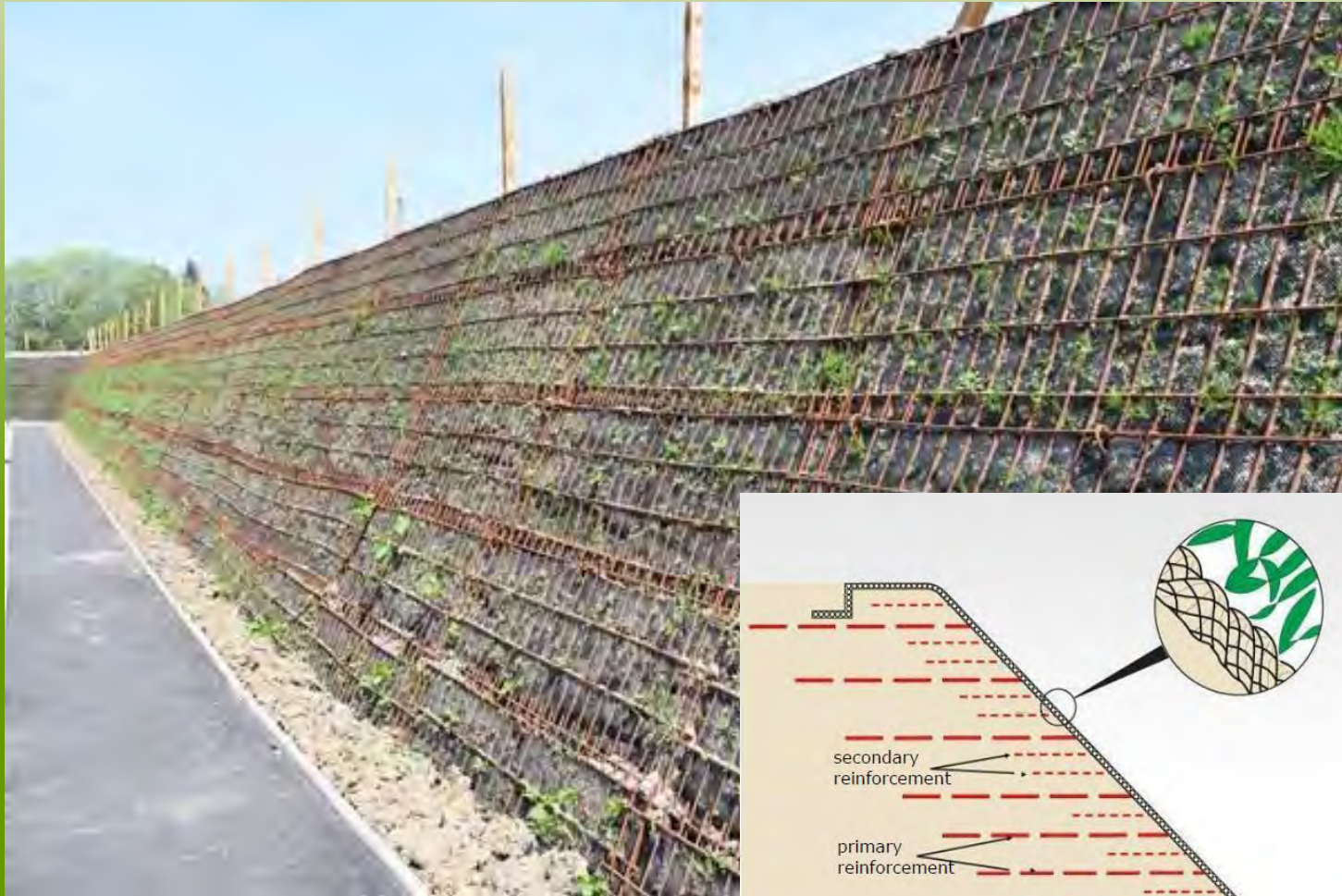
Site Investigation



Possible Solutions

- Re-profile/ re-shape slope (+geogrid mesh)
- Gabions at toe
- Sheet Piles
- Soil Nails or Mechanical Anchors

Geogrid



Gabions



Sheet Piles



Soil Nails

