



PROTECTAHOME LTD STRUCTURAL SOLUTIONS

Targeting problems with the best solutions

Established 1980

Case Study 057:

DIAMOND DRILLING: WITLEY COURT FOUNTAIN

THE PROBLEM

Witley Court is a ruined country house in Worcestershire under the guardianship of English heritage. Following a fire in 1937 the house and land were split into auction lots and sold to demolition contractors and timber merchants. After three hundred years of evolution, the grandeur that was Witley Court fell into ruin and decay.

Since 1972 work has been taking place to make the building safe for visitors. Over 800 acres of formal gardens, designed by landscape architect William Andrews Nesfield, have been replanted.

The great fountain, Perseus and Andromeda, which Nesfield described as his "monster work", forms the centre piece of the gardens. The demise of the house and grounds also saw the fountains fall into disrepair.

THE SOLUTION

As part of a larger restoration project, Protectahome were asked to carry out precision diamond drilling from the top of the fountain to the base, to allow the main water jet restoration to proceed.

Using the greatest care and skill our technicians drilled a new pathway for the principle water jet using specialist diamond drilling equipment.

The fountain has been restored to its former glory with the principle jet reaching up to 90 feet into the air.

The 20 ton Perseus and Andromeda fountain with its 54 metre wide pool cost the equivalent of £1 million when it was created in 1853 to Nesfield's design.

Protectahome are delighted and honoured to have played a part in the restoration of this magnificent piece of work.



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