

DEMOLITION, EXCAVATION & SHORING WORKS

Greatland Developments

Parramatta, N.S.W.



The contract for this site included the demolition of an existing building, bulk excavation of over 6,000 cubic metres, and contiguous pier shoring. The program for the works required completion of the excavation prior to the Sydney Olympic period, in order not to delay subsequent building works.

The excavation and shoring works were complicated by very large groundwater inflow rates, which required constant pumping to allow the works to proceed. Piling also had to be co-ordinated with temporary shutdowns of several high-voltage cables adjacent to the site, which supply a nearby school.

Despite the groundwater & service problems, the bulk excavation and shoring was successfully completed prior to the Olympics. Hannas also maintained a de-watering pump over the 2 week period, to ensure that there was not an excessive build-up of groundwater in the excavation.