



Typical School Building Projects

Jeffery and Katauskas have completed over 21,000 jobs since the company was formed in 1976. Numerous projects involving buildings ranging in size from small single level amenities blocks to multi-storey university buildings, elevated walkways, ramps, roads and car parks, sports courts and ovals. Some examples are given below of the projects in which the company has been involved, from preliminary investigation through to construction supervision stages.

Project	Owner/Client	Description
Newington College, Stanmore Road and Cambridge Street, Stanmore	Various	Detailed geotechnical and environmental investigations including augered and cored boreholes and/or ongoing construction monitoring and advice on excavation batters, retention systems, underpinning, building footings and floor slabs. The projects span a period in excess of 20 years and have included a new chapel, an elevated walkway, a three storey building with a basement car park, a new junior school, and tennis courts over an underground car park.
Xavier College, Cranebrook	Catholic Education Office	Geotechnical investigation covering a 6 hectare site for a proposed new school containing several buildings, sports courts, access roads, car parks, recreational areas and an oval. Advice was given on cut-to-fill earthworks within the residual clays and shale, subgrade treatment options, excavation batters, building footings, floor slabs and pavements.
Sydney, Central Coast, Campbelltown, Blue Mountains, Southern Highlands & Wollongong Regions	Numerous Private and Public Schools and Universities	Geotechnical assessments or investigations or construction advice for projects involving new buildings, re-furbishing of existing buildings or additions in areas varying from relatively flat alluvial terrain to hillsides with a moderate to high risk of land instability.
Public School, Wattle Street, Ultimo	Brisland Pty Ltd	The school is located within the site of an old sandstone quarry, which had been subsequently filled. Subsurface conditions were relatively complex as the sandstone had been intruded by an igneous dyke. Both inclined and vertical cored boreholes were drilled during the geotechnical investigations and ongoing advice was provided during construction of building footings.
Services Tunnel, University of NSW, Kensington	Geoff Ninnes Fong and Partners Pty Ltd	A major upgrading of services was undertaken throughout the university involving a cut and cover tunnel requiring excavation to 4m in places close to existing buildings. Site conditions varied, with sandstone bedrock at shallow depth below the higher areas, whilst deep fill and marine sands in the flatter areas adjacent to the Village Green required investigation and design of retention systems and piled foundations.





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Sydney Church of England Grammar (Shore), North Sydney	Colin Ging & Partners Pty Ltd	Detailed geotechnical investigation including cored boreholes for a new three storey building including indoor sporting facilities and extensions to the existing library. Excavation was required adjacent to existing buildings and retaining walls.
Terra Sancta College, Hambledon Road, Schofields	Northrop Holmes	Geotechnical and environmental investigations of rural land including market gardens and piggery for a new Catholic Junior College.
Barker College, Hornsby	Various	Several geotechnical hillside investigations and advice during construction of new classroom blocks, library, basement car park and upgrading of existing playing field and associated facilities.
Al Faisal College, Auburn Road, Auburn	D'Ambrosio Consulting	Geotechnical investigation and construction monitoring for extensions to existing buildings including a basement level extending very close to the site boundaries.
Caroline Chisholm High School, Glenmore Park	Low & Hooke (Aust) Pty Ltd	On-going investigations and construction advice during the staged construction of new one and two storey buildings, additions and alterations to the existing school complex.