

University of Pretoria Yearbook 2018

Site investigation project 713 (GTX 713)

Qualification Postgraduate

Faculty [Faculty of Natural and Agricultural Sciences](#)

Module credits 30.00

Programmes [BScHons Engineering and Environmental Geology Engineering Geology](#)
[BScHons Engineering and Environmental Geology Hydrogeology](#)

Prerequisites GLY 363/GLY 364 or TDH

Contact time 1 lecture per week for 11 wks, 13 practicals per week (11 weeks)

Language of tuition Module is presented in English

Department Geology

Period of presentation Year

Module content

Field work which includes mapping, soil and rock description, joint surveys, borehole testing, water sampling, interpretation of laboratory test results and compilation of site investigation reports. Larger projects of at least two months of fieldwork and report writing which involves surface and underground studies, mapping, drill core logging, discontinuity surveys, rock mass classification, stability analyses, interpretation of laboratory tests or pollution studies including water and/or soil sampling, interpretation of laboratory tests, development of a rehabilitation plan or groundwater model and compilation of a report. Compulsory attendance at conferences, short courses, specialist lectures, visits to construction sites and fields excursions.

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