

Categorizing student performance levels

GEOL0027

Excellent is the performance expected of students gaining a First class honours (MSci) or Distinction (MSc). Typical is the performance currently expected of students at the Lower/Upper Second class boundary (MSci) or 60% (MSc). Threshold is the minimum performance currently required to gain an honours degree (MSci) or masters degree (MSc).

Definitions	Excellent performance	Typical performance	Threshold performance
Intellectual skills -knowledge and understanding	Knowledge and understanding of the geological basis of the occurrence and character of a range of aquifer types, and the principles, including the mathematical basis and approaches to representation in models, of groundwater flow and an aquifer water balance.	Knowledge and understanding of the geological basis of the occurrence and character of selected aquifer types, and the principles of groundwater flow and an aquifer water balance.	Knowledge of the geological basis of occurrence and character of idealised aquifers, and the qualitative controls on groundwater flow and an aquifer water balance.
Practical skills	Confident in aquifer test analysis and with awareness of the theoretical and practical opportunities and limitations. Confident in assessing and interpreting a groundwater chemical analysis.	Confident in application of basic methods of aquifer test analysis. Confident in assessing a groundwater chemical analysis.	Aware of basic methods of aquifer test analysis. Aware of the components of a groundwater chemical analysis.
Communication skills	To clearly and concisely summarize the principal features of a real aquifer in a written and illustrated report incorporating critical comment.	To clearly and concisely summarize the principal features of a real aquifer in a written and illustrated report.	To summarize the principal features of a real aquifer in a written and illustrated report.
Numeracy and C & IT skills	Awareness of the fundamental requirements for numerical modelling of groundwater flow, including sources of error and uncertainty, with knowledge of specific examples.	Awareness of the fundamental requirements for numerical modelling of groundwater flow, including sources of error and uncertainty	Awareness of the sources of error and uncertainty in numerical models of groundwater flow.