



















Conclusions for the groundwater investigations

% RSD	Between wells variability	Between occasions variability	Between samplers variability	Sampling precision	Analytical precision
Dissolved iron	70	9.9	6.1	3.1-10	2.1-7.2
Redox potential	14	23	91	3.8-15	0-18

DHI

Dissolved iron

- Total measurement uncertainty from one well including variation over time, systematic errors and random errors was 12-17%
- Uncertainty requirement was 10%
- Increased number of samples or improved methods are the cost efficient points of improvement
- The quality requirement is attainable with a realistic additional effort

