



## Acid Sulfate Soil Testing



### Acid Sulfate Soils

These are soils or sediments that when exposed to air may rapidly form sulfuric acid. This acid can leach into surrounding environments, causing damage to concrete and steel structures. Acidification of surface water and groundwater may also occur from metal leaching. Acid Sulfate soils occur predominantly on coastal lowlands with elevations below 5m.

Envirolab Services has **NATA Accreditation** for the full SPOCAS (Suspension Peroxide Oxidation Combined Acidity and Sulfur) and SCr suites (Chromium Reducible Sulfur). These will provide data for both the Acid and Sulfur trails, allowing comparison of results to Guideline values.

### Turnaround Time

We offer a standard 5 working day TAT for SPOCAS or SCr Suite analysis. Faster TAT's are available. Surcharges may apply.

### Sampling

A minimum of 200g should be collected in zip-lock bags to minimise contact with air. Large shells, wood, charcoal and stones should be removed in the field, but biological remnants such as roots should not be removed.

Samples should be kept cold in the field and should reach the lab within 24 hours of collection. Where this is not possible, they should be either frozen or dried at 85°C to extend holding time.



Above: The effects of acid sulfate

For further information contact our laboratories



1300 424 344



enquiries@envirolab.com.au



envirolab.com.au

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