

CIVIL ENGINEERING SERVICES



Weir International, Inc.

Mining, Geology and Energy Consultants



Areas of Expertise:

- ◆ Assessment of Dams and Slurry Impoundments
- ◆ Construction Inspection and Management
- ◆ Ground Stabilization
- ◆ Haulroad Assessment
- ◆ Hydraulic Modeling, Analysis, and Design
- ◆ Litigation Support and Expert Witness Testimony
- ◆ Sedimentology and Water Quality
- ◆ Slope Stability Analysis and Mitigation Design
- ◆ Soil Mechanics and Foundation Engineering
- ◆ Surveying and Mapping
- ◆ Water Distribution Systems and Drainage Evaluation



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CIVIL ENGINEERING

WEIR's civil engineering capabilities assure our clients a full-service consultancy for the mining industry. Our services include assessment of dams, slurry impoundments and foundations, haulroad assessment, ground stabilization, drainage evaluation, and water distribution systems. WEIR's civil engineering services have been provided to mining companies throughout the United States and internationally.

WEIR's assessments of failed designs are completed with detailed evaluation and modeling of the before and after conditions, and an evaluation of construction techniques. In addition, WEIR incorporates foundation engineering as an integral part of the evaluation of subsidence damage and mitigation.