Geosyntec consultants

Mining Services

A recognized leader in geotechnical and environmental engineering, Geosyntec provides our mining clients exceptional service and design throughout an asset's life cycle, from pre-feasibility to postclosure.

TOTAL CAPABILITIES

Geosyntec's scientists and engineers solve our clients' complex challenges by relying upon our broad experience to deliver state-of-the-art civil, geotechnical, and environmental engineering solutions. We often address regulatory and standards compliance issues.

For each mining project, we develop the right solution through hands-on collaboration, local attention, and an understanding of the asset's needs.

We achieve the highest level of safety for humans and the environment through technical excellence, exceptional safety culture, and state-of-the-art design solutions.

Scan QR code for more information on our Mining Services

DELIVERING FULL LIFECYCLE SOLUTIONS FOR ANY PROJECT

- Tailings Storage Facility Design and Permitting
  - ✓ Life-of-mine design work, pre-feasibility to postclosure
  - ✓ Geotechnical design and assessments
  - ✓ Hydraulic, hydrologic, and stormwater control design and NPDES permitting
    - Dam-break assessments
    - Inundation mapping
  - ✓ Environmental services, including surface water, groundwater, air quality/dust control, waste management, compliance, and eyewitness/litigation services
  - ✓ Civil engineering services
    - Water storage facilities
    - Foundations
    - Earth retention systems
    - Erosion control
    - Anchorage
    - Spillways
    - Appurtenant structures
  - ✓ Global Industry Standard for Tailings Management (GISTM) conformance
- Waste Rock Pile Design
- Risk Analysis and Control Assessments
- Construction Services