

# EarthZyme



**Significantly reduce operational costs through better haul road management**

EarthZyme is a highly concentrated, 100% environmentally friendly liquid enzyme-based soil stabilizer specifically engineered for high clay content materials. The solution saves costs through the allowance for use of clay-based materials, which are typically marginal in terms of their engineering properties, and turns them into a high performance engineering input. EarthZyme treated materials require reduced long term maintenance requirements and allow for the use of cheaper materials when building roads, providing significant operational cost savings.

- **Significantly reduces long term maintenance costs**
- **Significant reduction in material costs to build roads**
  - » Allows for the use of inexpensive in situ, high clay content soils
  - » Saving on the use of expensive aggregates
- **Increased CBR (California Bearing Ratio) Value resulting in reduced rolling resistance**
  - » Better fuel economy
  - » Improved productivity
- **Reduced swell allowing for more durable soils in wet weather**
- **One application lasts several years**
- **Super concentrated liquid – reducing shipping costs**
- **Applicable using standard road building equipment and techniques**



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## Testimonials

*Heavy hauler operators in the North Mine say that it (EarthZyme) performs better and is harder than conventional roads. 'It's a lot smoother and easier to travel on – similar to driving on pavement.'*

**– Anges Munro, Operations Support, Syncrude, Canada**

*I am convinced of the properties of EarthZyme as a soil stabilizer for roads and highways per its compaction and strength; therefore I highly recommend it.*

**– C. Saul Gildardo Trejo Altamirano, Constitutional Mayor of Jalpan de Serra, Mexico**

*It is outstanding how your team professionally collaborated with us for the improvement of that formerly disastrous road with EarthZyme.*

**– Jose Hermes Leguizamon ROA, Municipal Mayor of Garagoa, Colombia**

## Applications

- Haul Roads
- Secondary Roads
- Logging Roads
- Runways & Tarmacs
- Base, Sub-base or Sub-grade below any Paved Surfaces
- Stabilization of Adobe Blocks
- Stabilization of any High-Clay Content Materials

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