

Our people: your greatest resource

the environment

GE serves a broad spectrum of producers:

- Gold and silver
- Copper
- Iron
- Bauxite
- Cement
- Industrial minerals

As a globally respected company, we bring the strength, resources and capability to help drive your performance – financial and environmental. Our dust control programs help producers provide safe working conditions, meet environmental standards, keep communities clean, reduce maintenance costs, and reduce losses of valuable raw material and product. Our water and wastewater treatments efficiently remove solids, heavy metals and organics and help keep you in compliance.

Numerous other capabilities help you optimize your critical processes and supporting infrastructure. We provide:

- Material flow enhancement
- Prevention of scaling, corrosion, foaming and biofouling
- Solids separation and dewatering
- Fireside treatments and combustion additives for kilns and furnaces
- Cooling water treatments
- Boiler feed and other high-purity water applications
- Desalination in water-scarce areas

Experienced people committed to results

We deliver proven technologies in the hands of mining and minerals processing specialists. Our people understand your critical processes and how to apply our offerings for your maximum benefit. We are experts in virtually every water and process application in the industry.

Global Headquarters
Trevose, Pennsylvania
T + 1-215-355-3300
F + 1-215-953-5524

Americas
Minnetonka, Minnesota
T + 1-952-933-2277
F + 1-952-933-0141

Europe/Middle East/Africa
Heverlee, Belgium
T + 32-16-40-20-00
F + 32-16-40-00-87

Asia/Pacific
Shanghai, China
T + 86-21-5298-4573
F + 86-21-52-98-4230

www.gewater.com

©2004 General Electric Company
All Rights Reserved

*Trademark of General Electric Company; may be registered in one or more countries

GE Infrastructure
Water & Process Technologies
Mining and Minerals Processing

cleaner solutions



committed to protecting profits

Delivering excellence at every step

From ore to mineral concentrates, GE Infrastructure Water & Process Technologies supports clean, efficient, profitable operations. As your strategic business partner, we deliver complete water and process solutions that help you meet your biggest business challenges:

- Meeting environmental standards and being a good neighbor
- Providing safe, healthy workplaces
- Maximizing yield
- Ensuring product quality
- Safeguarding critical assets
- Driving down production costs

A record of performance

The world's most respected mining and minerals companies rely on GE for treatments and services that deliver bottom-line results and quality environmental performance. With Betz chemistries and Osmonics membrane separation technologies, we bring more than 100 years of experience in meeting water and process challenges. We serve you at every step of your process:

- Mining operations
- Sizing (crushing, grinding and screening)
- Value recovery (flotation, mechanical separation, hydrometallurgy)
- Tailings management

GE is a valuable business resource, qualified to take responsibility for your water and process treatments while you focus on your business.

Benefits you can measure

GE solutions add quantifiable value to your operations. Our Value Generation Plan, for example, is a GE-exclusive process that identifies what is important to you and then documents how we:

- Improve productivity
- Reduce costs
- Improve environmental compliance
- Save energy

Our Return on Environment programs quantify economic benefits that go with improvements in environmental performance – like reduced waste, lower emissions or lower water consumption.

PlantGuard* agreements provide continuous support, delivering consumables, services and equipment as a package with levelized monthly billing.

Constant innovation, continuous improvement

The advantages GE brings today will grow even bigger tomorrow. Our Global Research Center, part of a USD \$200 million annual R&D investment, makes discoveries each year that can directly benefit your business. Our new and developing technologies for mining and minerals processing include:

- Non-Destructive Testing (NDT) to assess corrosion and fouling in pipes and equipment without cutting or disassembly, meaning no downtime
- InSight* remote monitoring and diagnostics for monitoring your equipment via the Web
- PaceSetter Platinum* automatic chemical feed control continuously optimizes water treatments based on changing process conditions

We're also developing new process membrane technologies, improved water reuse and reduction programs, and specialty feed systems for dust control.

GE people, service and technologies help you prosper today and ensure a successful and profitable future.

