

TAILINGS MANAGEMENT, INNOVATIVE ENGINEERING, AND TECHNOLOGY TRANSFER

*Our Clients are First,
the Team is Second,
and I am Third.*

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OVERVIEW

- Presentation provides examples of Tierra Group's "State of the Practice" engineering, to advance safe tailings disposal, and
- Our ability to transfer these "Leading Edge" technologies to mine sites around the world.
- We will be presenting:
 - In-Pit Tailings Disposal using Filtered Tailings;
 - In-Pit Tailings Disposal using Conventional-Slurry Tailings;
 - Tailings and Waste Rock Co-Disposal using Tailings "Cake";
 - "Eco-Tails" - Tailings and Waste Rock Co-Disposal using Filtered Tailings; and
 - Waste Rock used to Buttress a Centerline Tailings Dam.

IN-PIT TAILINGS DISPOSAL – CONVENTIONAL SLURRY TAILINGS



BRAZIL

DEWATERED TAILINGS ARE REMOVED AND PERMANENTLY STORED IN A CO-DISPOSAL (WASTE ROCK/TAILINGS) FACILITY



BRAZIL

IN-PIT CO-DISPOSAL – DEWATERED TAILINGS (“CAKE”) AND WASTE ROCK



BRAZIL



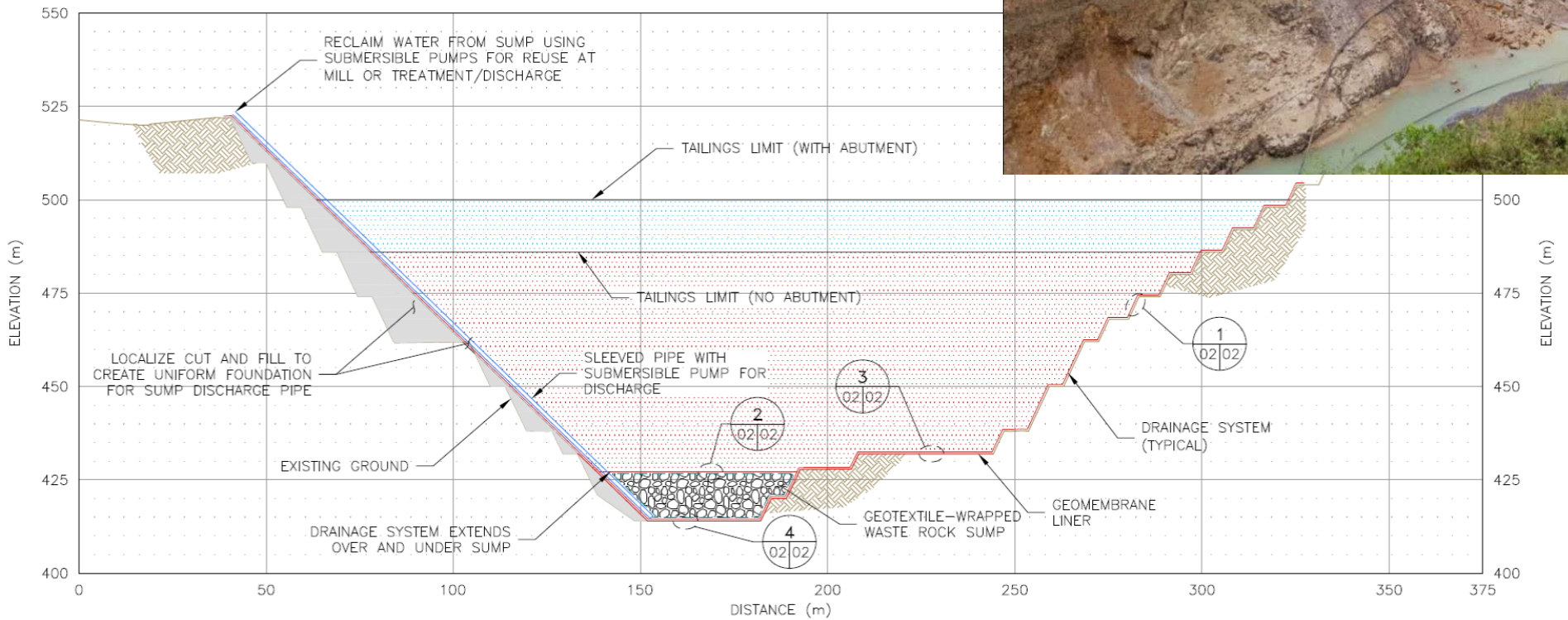
IN-PIT FILTERED TAILINGS DISPOSAL

GUATEMALA



“ZERO-HEAD” IN-PIT TAILINGS DISPOSAL METHOD (CONVENTIONAL SLURRY)

NICARAGUA



VERTICAL-SLOPE LINING TO EXPAND TAILINGS STORAGE CAPACITY

HONDURAS



“ECO-TAILS” – CO-DISPOSED FILTERED TAILINGS & WASTE ROCK



MEXICO

WASTE ROCK USED TO BUTTRESS A CENTERLINE TAILINGS DAM



MEXICO

THANK YOU FOR THE OPPORTUNITY TO INTRODUCE TIERRA GROUP'S
TAILINGS EXPERIENCE TO YOU!

QUESTIONS?

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