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MV & HV CABLE TESTING TECHNOLOGY

ON SITE CABLE COMMISSIONING

UNDERGROUND FAULT LOCATION

NEWS LETTER JANUARY 2011

THE GIANT CERRO MATOSO - COLOMBIA - CONTRACTS INDUCOR INGENIERIA SERVICES FOR UNDERGROUND CABLE CONDITION DIAGNOSTIC CENTRAL TERMICA - BOCAMINA I -

Montelíbano - Colombia - January 2011:

Cerro Matoso S.A., is internationally considered as a *World Class* operation, i.e., one of the largest Niquel deposits of the world, with over forty million tons of ore.

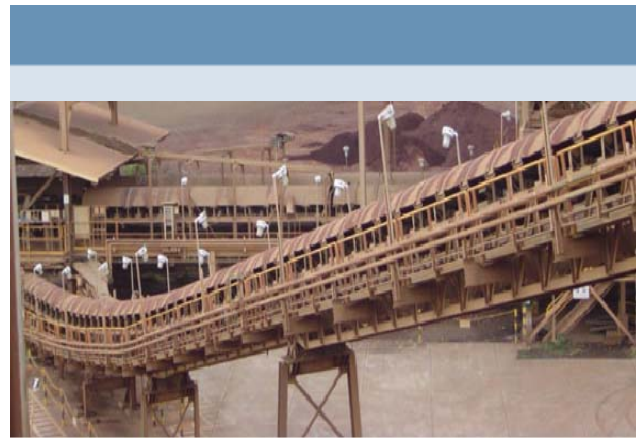
Known as the largest ferroniquel mine of the continent, with an annual record production of over 50.000 tons, the giant Cerro Matoso S.A., property of BHP Billiton and placed in Montelíbano City - Colombia, requires almost 118 MVA for its production, positioning as the greatest energy consumer of the attractive Caribbean country.

According to the importance of maintaining its annual task in a stable, reliable and uninterrupted way, especially because there are processes which require blast furnaces, Cerro Matoso has contracted INDUCOR INGENIERIA services for over seven years for early fault diagnostics on its extensive underground power cable network.

As it is a company where human and patrimonial security are prioritized, continuous production becomes now the main goal to achieve. Its underground networks, working at full capacity, support high temperatures and rainfalls.

Partial Discharge and differential reflectometry diagnostic techniques, which allow to map all the irregularities observed along each underground/air, also provide an indispensable tool for taking immediate corrective actions, before a collapse could happen.

As it has been doing for several years, on January 2011, INDUCOR INGENIERIA carried out the most recent protocol/report of the underground network condition of Cerro Matoso S.A.



CERROMATOSO - BHP BILLITON - COLOMBIA - DIAGNOSTICO DE RED SUBTERRANEA



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