MARBLE AND GRANITE
Eritrea

Margran P.L.C.
Marble and granite quarrying and processing
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Asmara, Eritrea
OVERVIEW

- **MARGRAN P.L.C.:**
  - Activated an Italian processing plant in Asmara and opened a marble quarry in Gogne in 1993
  - Established a new modern marble and granite processing plant in Ghindae in 1996
  - Opened granite quarry in Gheleb in 2002
  - Employee: 180 workers
  - Produce: unfinished blocks and finished marble and granite products (9 types)
GOGNE - MARBLE

- Location: 280 kms west of the capital, Asmara
- Operation: mechanized use of heavy duty machines and block cutting machines (slim-bars and diamond wire cutters)
- Annual production: 3000M³ (10800tons) of white and grey types of marble
GOGNE - MARBLE
GHELEB GRANITE

- located 135 kms from Asmara 45 kms East of Keren
- Belta red, Belta Rose and Belta Cream
- Stock : 4000M$^3$
# PRODUCTS

## AIRPORT (ASMARA)
1. Belta Red
2. Belta Rose
3. Belta Cream
4. Tickul Pearl Grey
5. Arato Grey
6. Awlitsoru Light Pink

## STAIRS (ASMARA)

## WALL (ASMARA)
1. Goranda White
2. Gogne Grey
3. Manqua Black
4. Gogne Black

## TABLE (ASMARA)
ORANAMENTAL STONE (DEPOSITS)

- Toronka pink granite
- Alebu Golden yellow granite
- Gogne Black marble
- Gogne Green granite
- Unique types of ornamental stone
INVESTMENT OPPORTUNITIES

- Establishment of a new modern marble quarry with a complete processing plant in the world class deposit (unique white, grey and black color) in Gogne
- Establishment of a new modern granite quarry and a complete processing plant in the world class deposit (unique pink granite of porphyry texture) in Elabered
- Establishment of a JV Company with MARGRAN P.L.C.
IMMEDIATE IMPORT OPPORTUNITIES

- 4000M$^3$ in blocks: Belta Red, Belta Rose, Belta Cream granite ready for export; and
- Goranda white marble available on demand
GEOLOGICAL MAP OF ERITREA

- Alluvium: silt, sand and gravel of fluvial or lacustrine origin with coral reef and sand dune
- Black cotton soil with minor basaltic outcrop
- Evaporites
- Subaerial marine igneous rocks
- Neogene - Paleocene and Miocene
- Sheet flood deposits
- Recent alluvial igneous rocks
- Recent basaltic volcanics
- Palaeogene, Neogene
- Sediments partly solidified and covered by terrace deposits
- Crustal basement
- Trachytic plug
- Limestone
- Sandstone
- Lherzolite
- Post-tectonic peralkaline granite
- Post Tertiary granite
- Meta-gabbro
- Syntectonic granite and granodiorite
- Marine and other meta-sediments
- Very low grade metamorphic rocks (carbonaceous rocks, phyllites, and acid volcanics)
- Very low grade metamorphic rocks in mildly basic volcanics
- Very low grade volcanic sedimentary rocks
- Low grade metamorphic rocks (biotite and ultrabasics, chlorite schists, etc.)
- Medium grade metamorphic rocks (amphibole schist, biotite-amphibole schist, chlorite-amphibole schist)
- Meta-basics rocks
- Meta-ultrabasics rocks
- High grade metamorphic rocks (granitic gneiss, amphibolite gneiss, pegmatite gneiss and pyrite-bearing gneiss)
Stone Materials for Construction Purposes (2 Products)

- **Latent possibilities**
  - Existence of companies unknown in Japan that own giant rock plates and equipment for extracting large raw stones

- **Market selection**
  - Use in supermarket flooring, etc.

- **Design**
  - Take into consideration the color preferences of Japanese consumers

- **Rival products**
  - Supply of large-size raw stones with good quality that cannot be found in imports from China