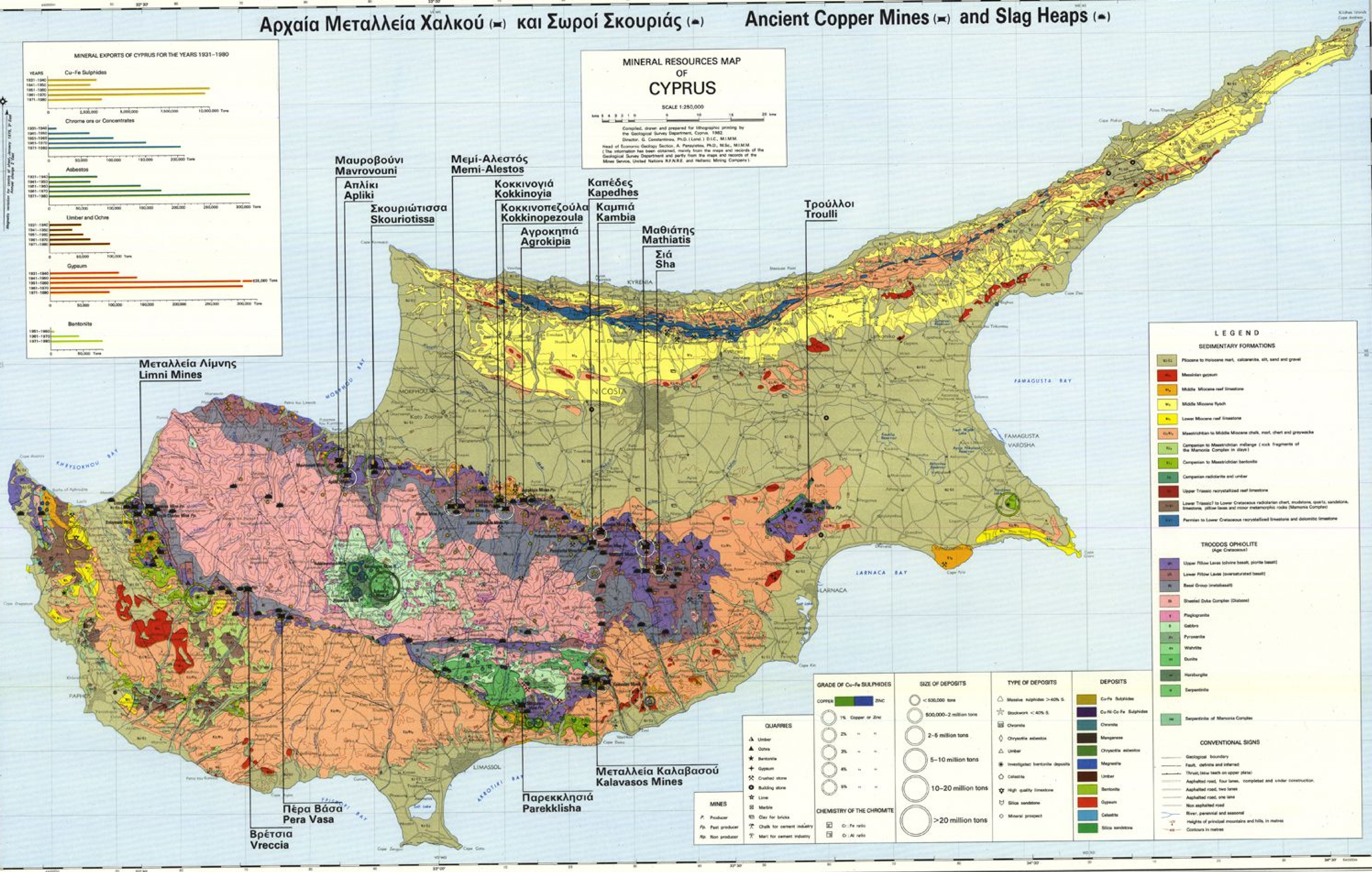
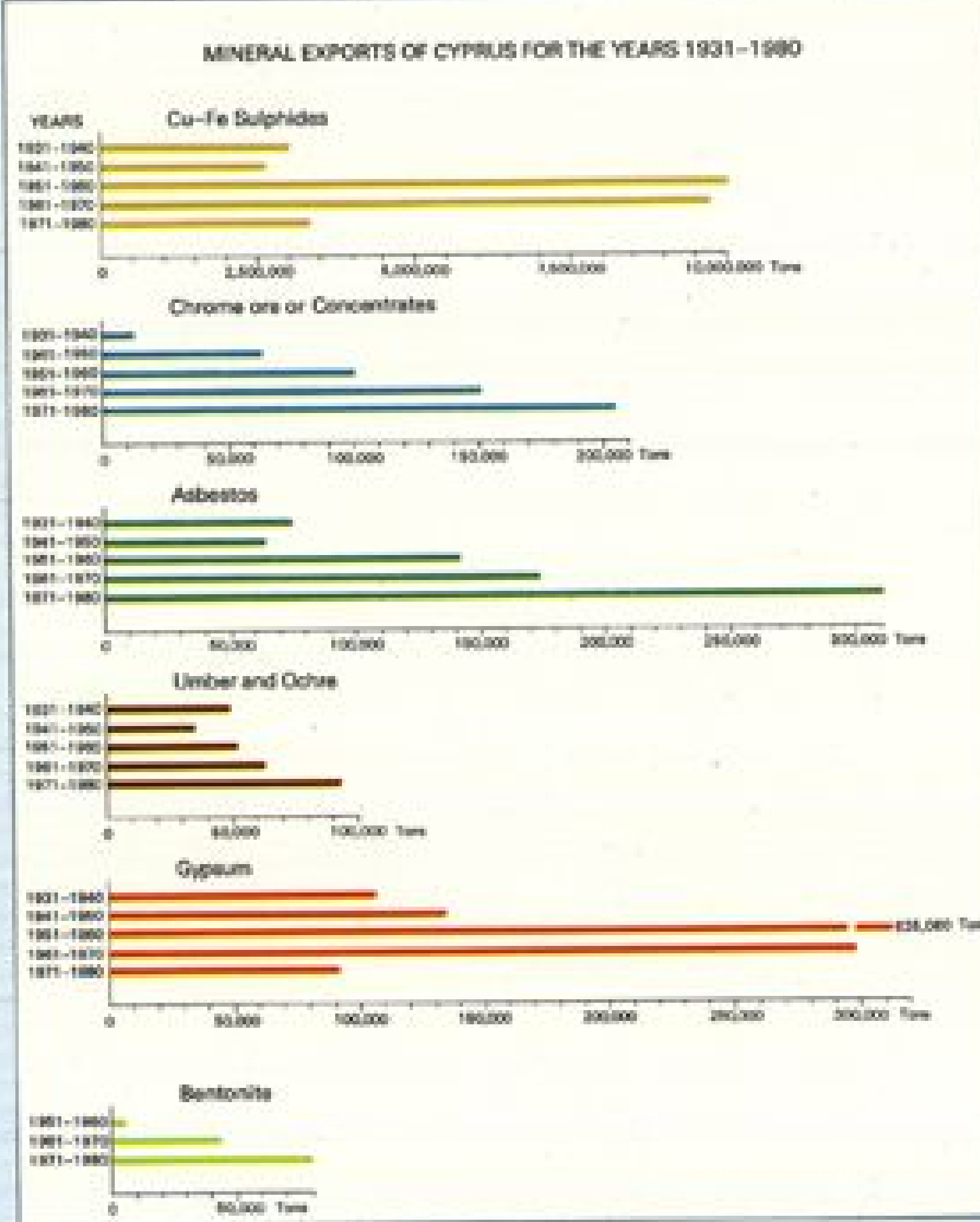


Αρχαία Μεταλλεία Χαλκού (⚡) και Σωροί Σκουριάς (♣) Ancient Copper Mines (⚡) and Slag Heaps (♣)

MINERAL RESOURCES MAP OF CYPRUS
 SCALE 1:250,000

Compiled, drawn and prepared for lithographic printing by the Geological Survey Department, Cyprus, 1982.
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 (The information has been obtained, mainly from the maps and records of the Geological Survey Department and partly from the maps and records of the Mines Service, United Nations R.F.N.R.E. and Italian Mining Company.)



LEGEND

SEDIMENTARY FORMATIONS

- Pliocene to Holocene marl, calcareous silt, sand and gravel
- Mesolithic gypsum
- Middle Miocene reef limestone
- Middle Miocene flysch
- Lower Miocene reef limestone
- Mesozoic to Middle Miocene chalk, marl, chert and greenstone
- Campian to Mesozoic melange (rock fragments of the Mamonia Complex in slates)
- Campian to Mesozoic bentonite
- Campian radiolarite and amber
- Upper Triassic recrystallized reef limestone
- Lower Triassic to Lower Cretaceous radiolarian chert, mudstone, quartz, sandstone, limestone, pillow lavae and minor metamorphic rocks (Mamonia Complex)
- Permian to Lower Cretaceous recrystallized limestone and dolomitic limestone

TROODOS OPHIOLITE (Upper Cretaceous)

- Upper Pillow Lavae (olivine basalt, granite basalt)
- Lower Pillow Lavae (oversaturated basalt)
- Basal Group (metabasalt)
- Shear'd Dyke Complex (Diabase)
- Pegmatite
- Gabbro
- Pyroxenite
- Wairite
- Dunite
- Hornblende
- Serpentinite
- Serpentinite of Mamonia Complex

CONVENTIONAL SIGNS

- Geological boundary
- Fault, definite and inferred
- Thrust, (see note on upper plate)
- Asphalted road, four lanes, completed and under construction
- Asphalted road, two lanes
- Asphalted road, one lane
- Non asphalted road
- River, perennial and seasonal
- Height of principal mountains and hills, in metres
- Contours in metres

GRADE OF Cu-Fe SULPHIDES

COPPER 1% 2% 3% 4% 5% 6% 7% 8% 9% 10% 11% 12% 13% 14% 15% 16% 17% 18% 19% 20% 21% 22% 23% 24% 25% 26% 27% 28% 29% 30% 31% 32% 33% 34% 35% 36% 37% 38% 39% 40% 41% 42% 43% 44% 45% 46% 47% 48% 49% 50% 51% 52% 53% 54% 55% 56% 57% 58% 59% 60% 61% 62% 63% 64% 65% 66% 67% 68% 69% 70% 71% 72% 73% 74% 75% 76% 77% 78% 79% 80% 81% 82% 83% 84% 85% 86% 87% 88% 89% 90% 91% 92% 93% 94% 95% 96% 97% 98% 99% 100%

SIZE OF DEPOSITS

- < 500,000 tons
- 500,000-2 million tons
- 2-5 million tons
- 5-10 million tons
- 10-20 million tons
- > 20 million tons

TYPE OF DEPOSITS

- Messine sulphides > 40% S
- Stockwork < 40% S
- Chromite
- Chrysothite asbestos
- Umber
- Investigated bentonite deposits
- Calcite
- High quality limestone
- Silica sandstone
- Mineral prospect

DEPOSITS

- Cu-Fe Sulphides
- Cu-Ni-Co-Fe Sulphides
- Chromite
- Manganese
- Chrysothite asbestos
- Magnetite
- Umber
- Bentonite
- Gypsum
- Calcite
- Silica sandstone

CHEMISTRY OF THE CHROMITE

- Cu-Fe ratio
- Cr:Al ratio