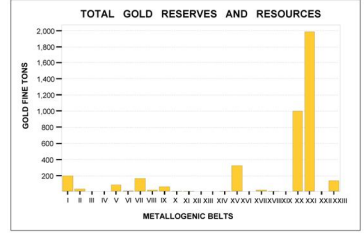
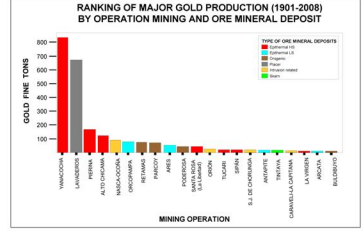
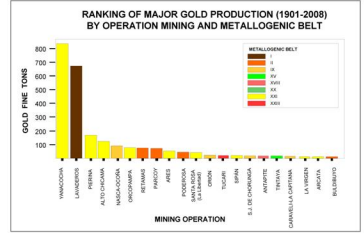
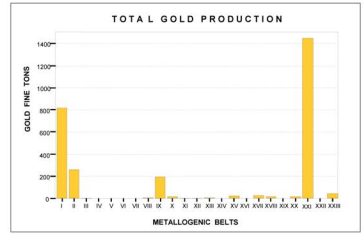
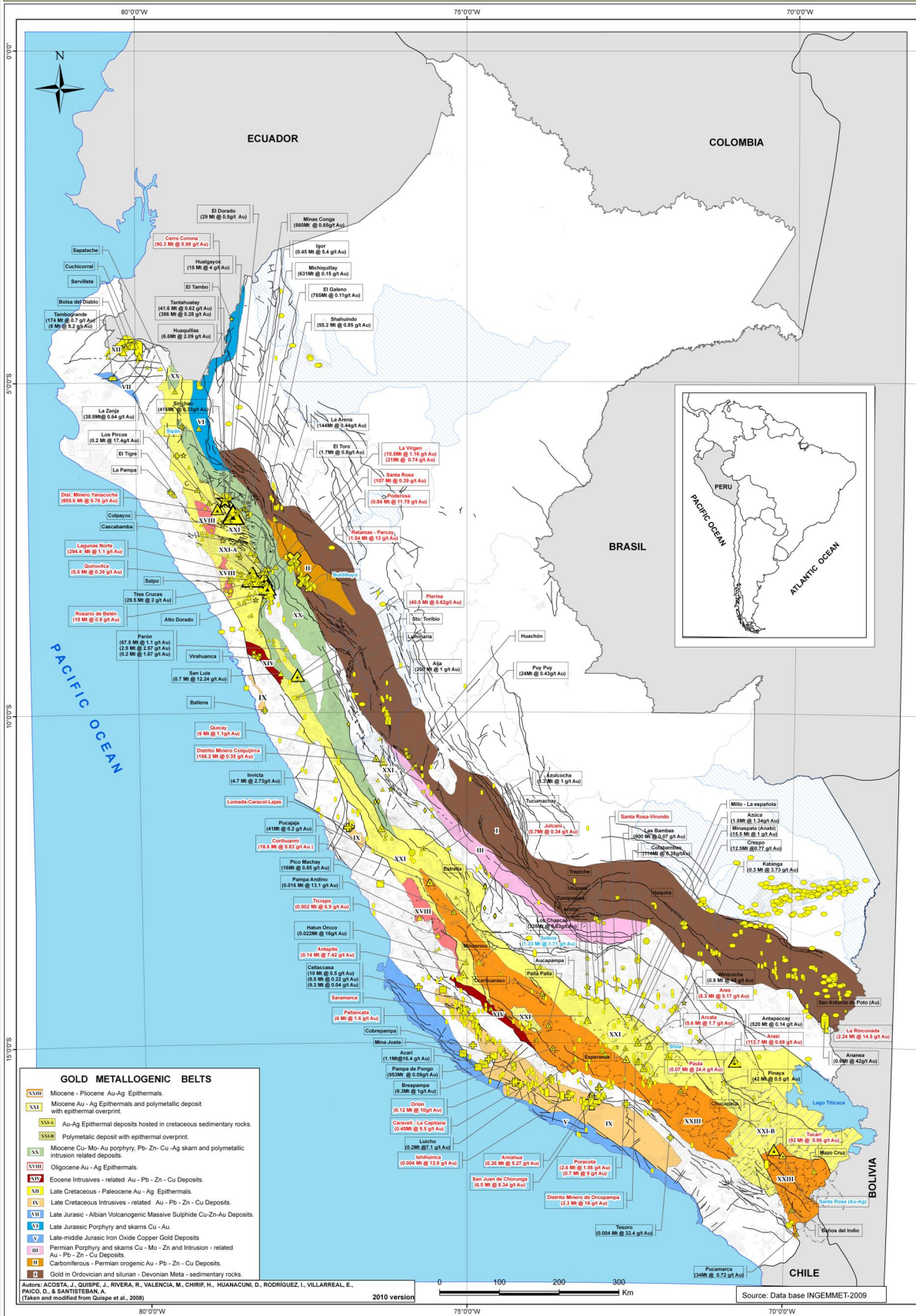


# GOLD METALLOGENIC MAP OF PERU: MINING OPERATIONS AND PROJECTS



#### GOLD METALLOGENIC BELTS

- XXIII Miocene - Pliocene Au-Ag Epithermals.
- XXII Miocene Au - Ag Epithermals and polymetallic deposit with epithermal overprint.
- XXI Au-Ag Epithermal deposits hosted in crataceous sedimentary rocks.
- XX Polymetallic deposit with epithermal overprint.
- XX Miocene Cu - Mo-Au porphyry, Pb-Zn-Cu-Ag skarn and polymetallic intrusion related deposits.
- XIX Oligocene Au - Ag Epithermals.
- XVIII Eocene Intrusives - related Au - Pb - Zn - Cu Deposits.
- XVII Late Cretaceous - Paleocene Au - Ag Epithermals.
- XVI Late Cretaceous Intrusives - related Au - Pb - Zn - Cu Deposits.
- XV Late Jurassic - Albitan Volcanogenic Massive Sulphide Cu-Zn-Au Deposits.
- XIV Late Jurassic Porphyry and skarns Cu - Au.
- XIII Late-middle Jurassic Iron Oxide Copper Gold Deposits.
- II Permian Porphyry and skarns Cu - Mo - Zn and Intrusion - related Au - Pb - Zn - Cu Deposits.
- I Carboniferous - Permian orogenic Au - Pb - Zn - Cu Deposits.
- 0 Gold in Ordovician and Silurian - Devonian Meta - sedimentary rocks.

#### TYPE DEPOSITS

- Orogenic Au-Pb-Zn-Cu Deposits
- Intrusion related Au-Pb-Zn-Cu Deposits
- Epithermal deposits not differentiated
- High Sulfidation Epithermals
- Low Sulfidation Epithermals
- Intermediate Sulfidation Epithermals
- Polymetallic Deposit with epithermal overprint.
- Iron Oxide Copper Gold Deposits (IOCG)
- Porphyry Cu - Au
- Volcanogenic Massive Sulphide Cu-Zn-Au (VMS)
- Metasuphegic Deposits
- Vents
- Skarns
- Epitaxial Deposits (Skarn, monzonite, etc.)

#### SIZE OF GOLD MINERAL DEPOSITS (TONS)

Element	Project	Small	Medium	Large	Great-World Class
Au	—	< 25	25 - 250	250 - 5 000	> 5 000
Ag	—	< 250	250 - 5 000	5 000 - 10 000	> 10 000

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