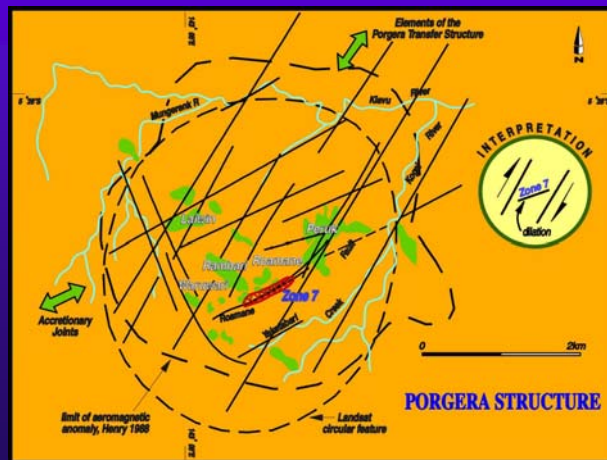
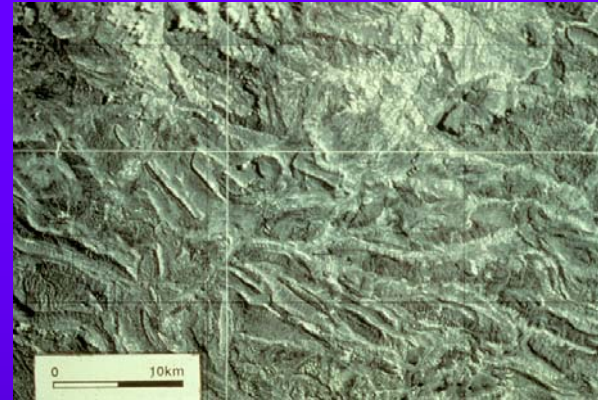
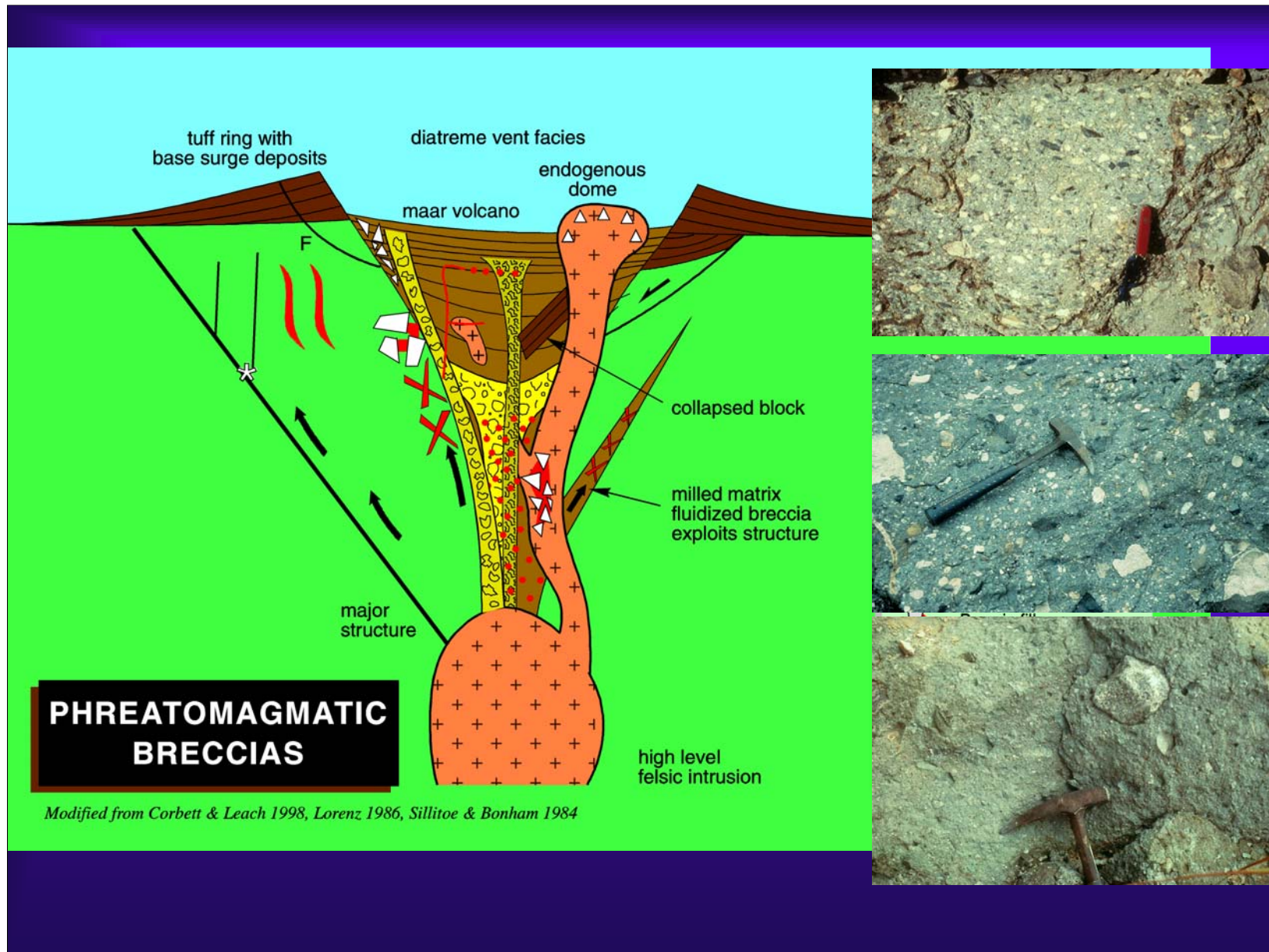
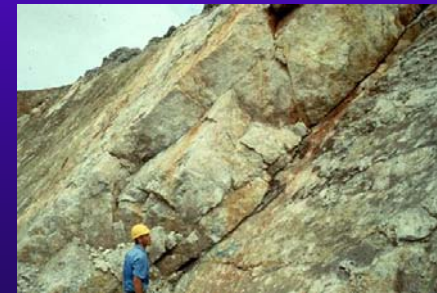
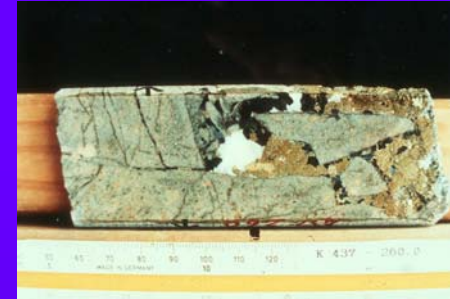
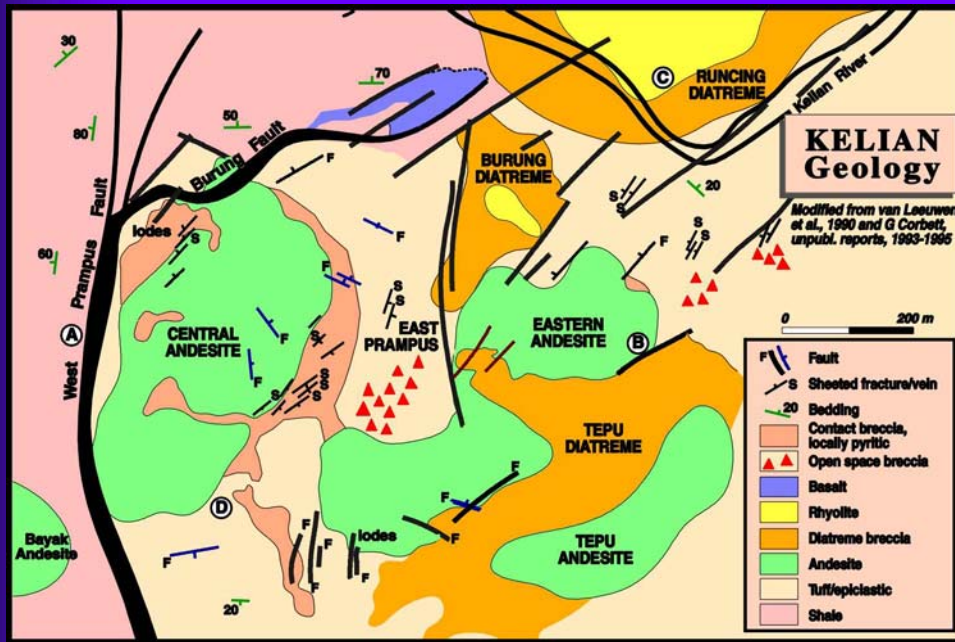


Porgera



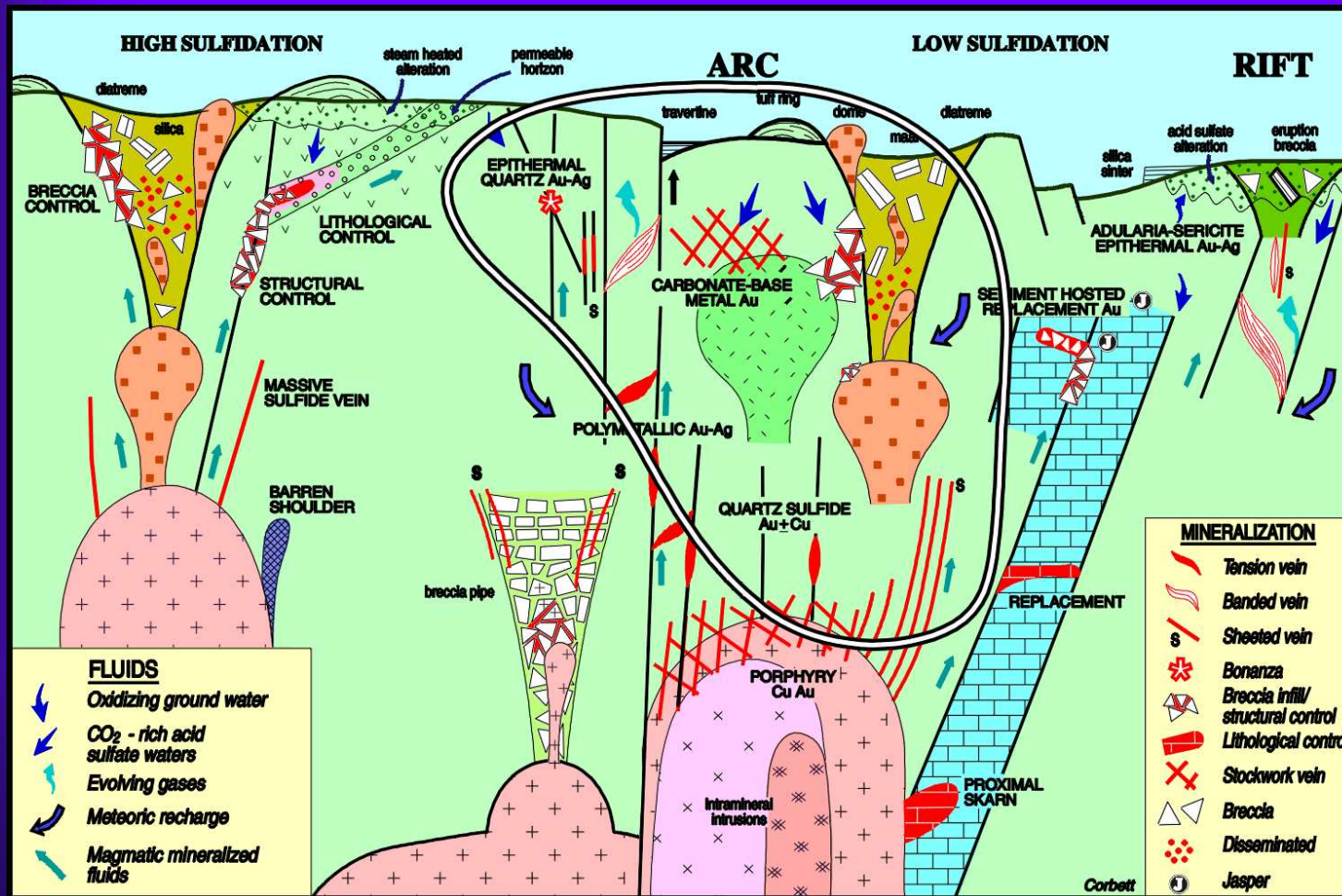


Kelian



Sheeted veins at depth pass upwards to open space breccia

Conceptual Model for Styles of Epithermal Gold-Silver and Porphyry Copper Mineralisation



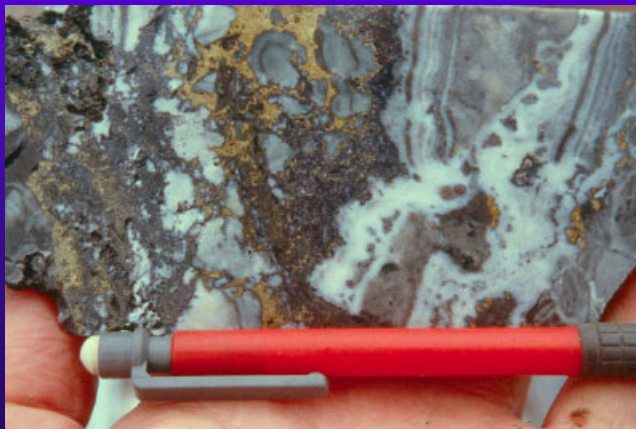
Polymetallic Au-Ag



Hadleigh Castle, Queensland



Caylloma, Peru



Parkers, Mineral Hill, NSW



Arcata, Peru

Polymetallic Au-Ag

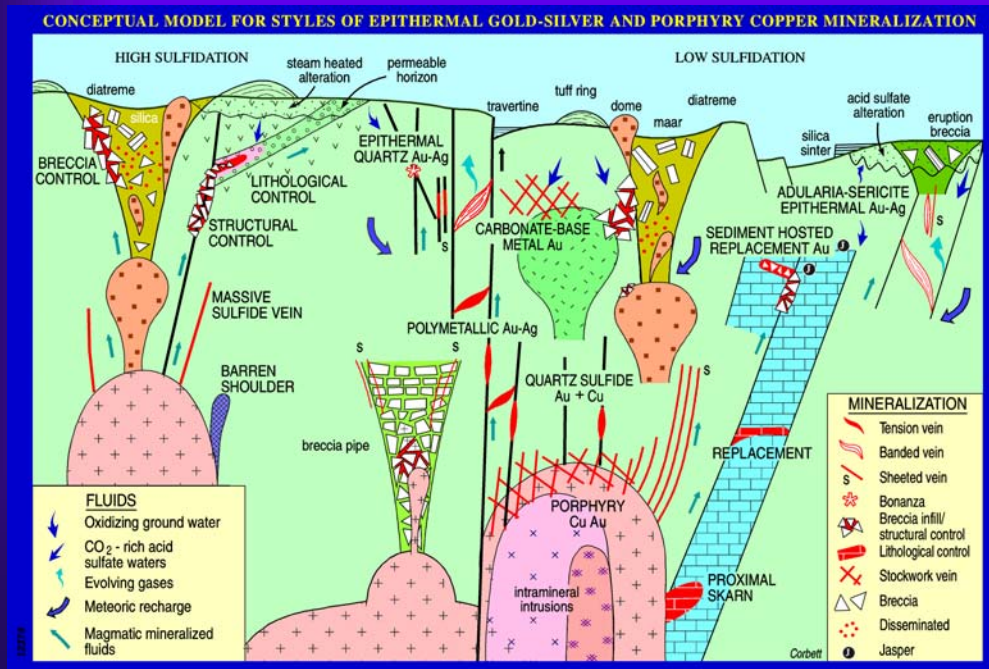


Banded Adularia-sericite versus Polymetallic

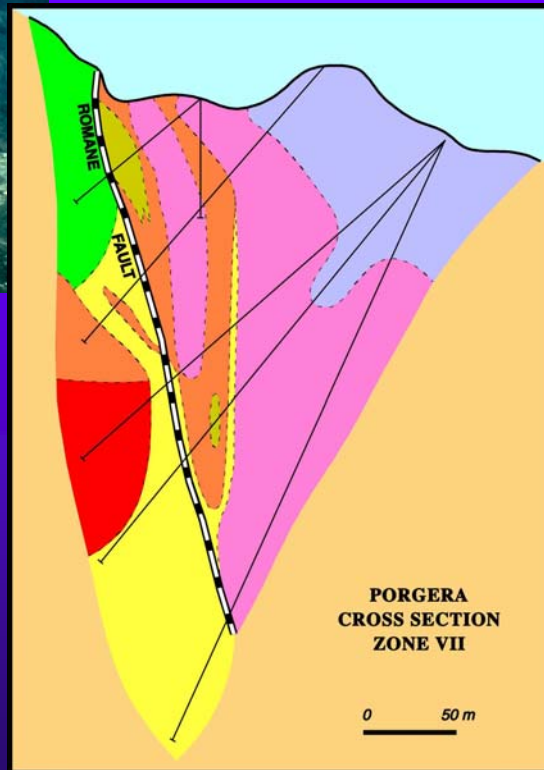
Golden Cross, NZ,
Adularia-Sericite



Peru, Polymetallic Veins



Epithermal Quartz Au-Ag Porgera Zone VII



Bonanza gold



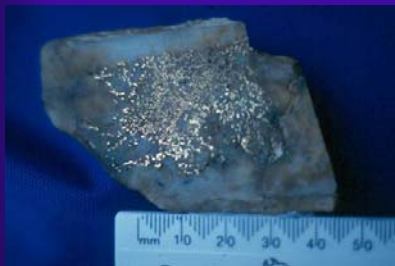
Thames Goldfield New Zealand



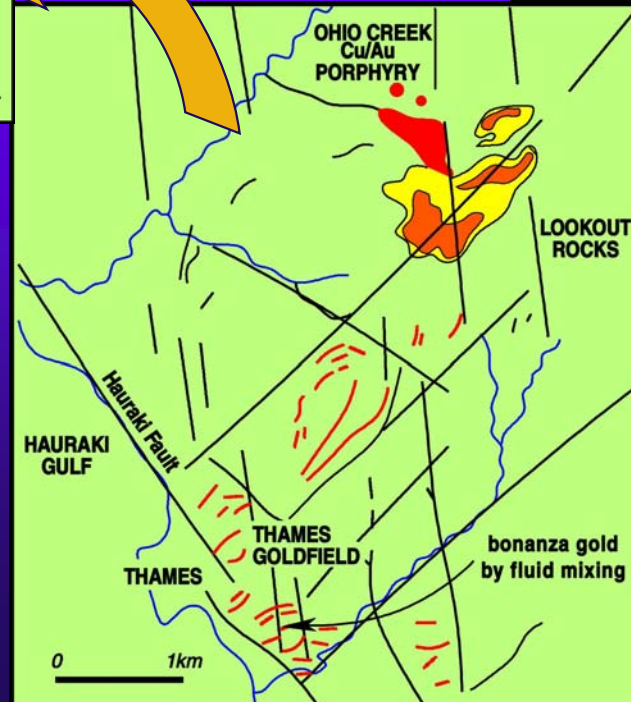
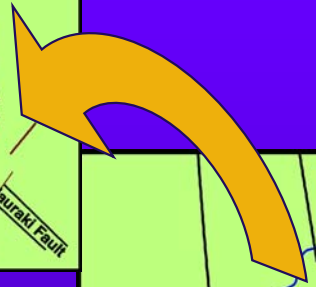
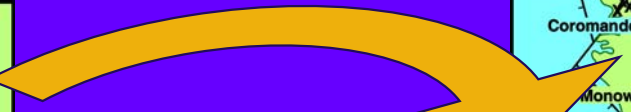
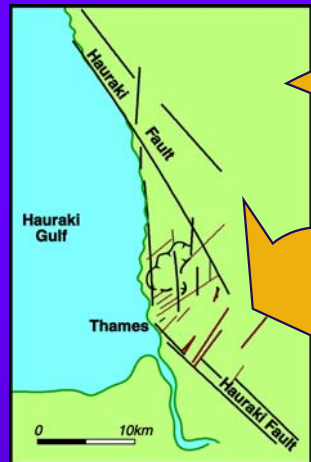
Quartz reefs and faults



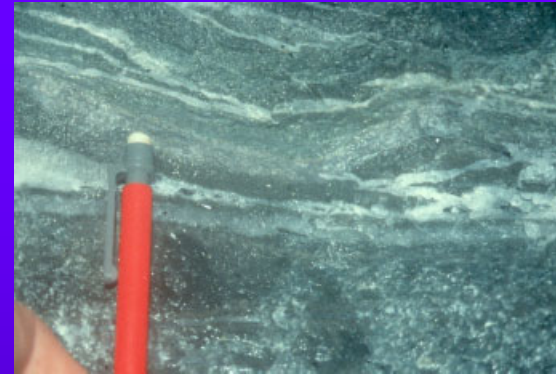
Quartz vein breccia



Bonanza gold



Emperor Gold mine



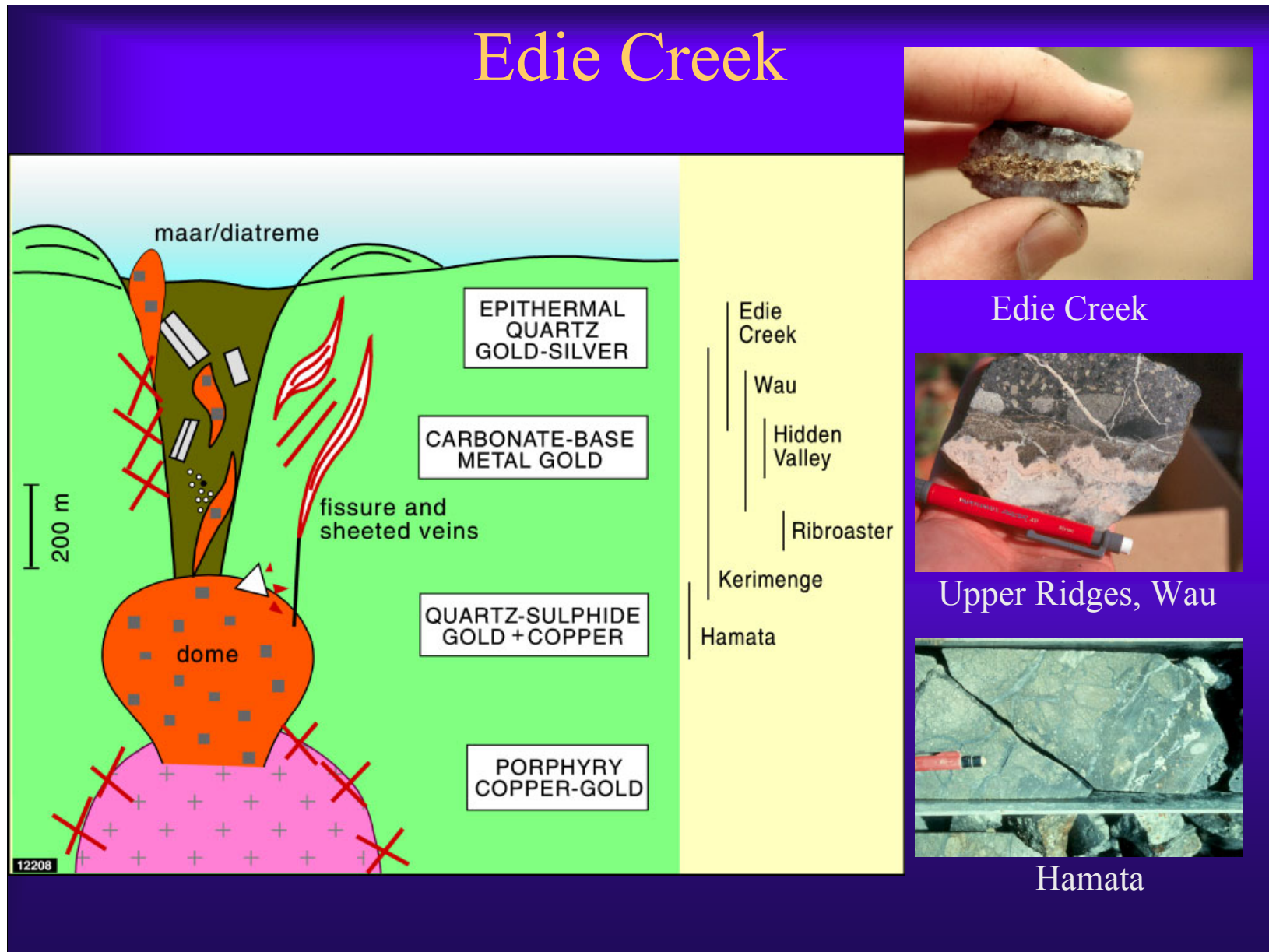
Flatmake



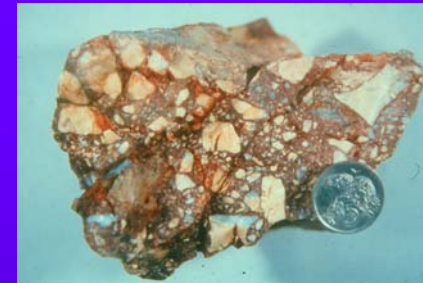
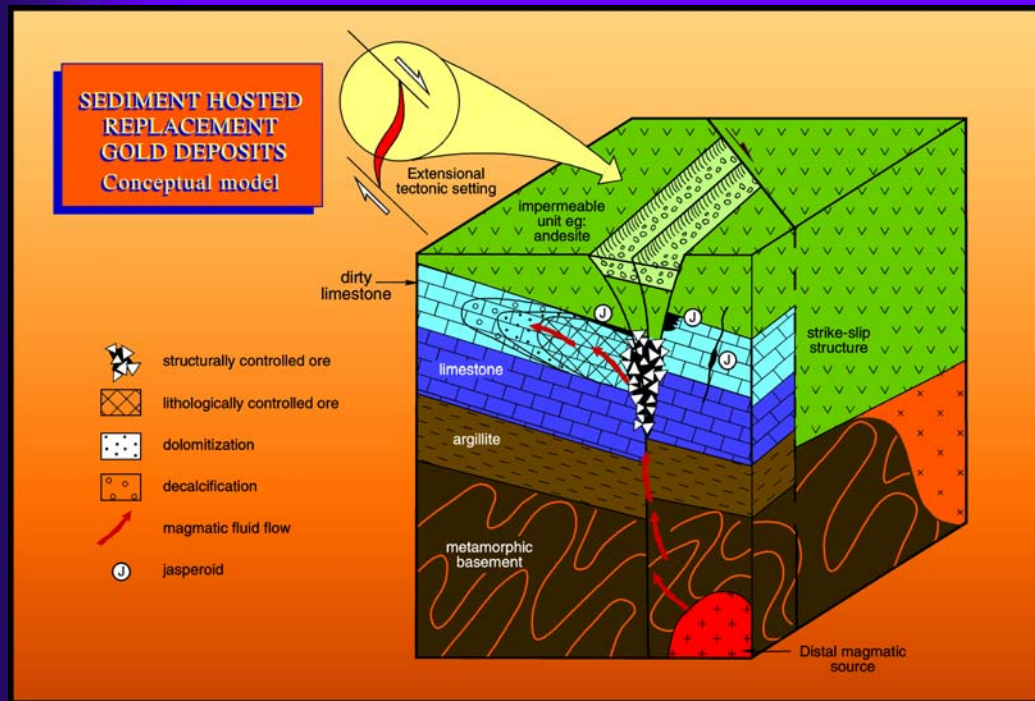
Telluride breccia matrix



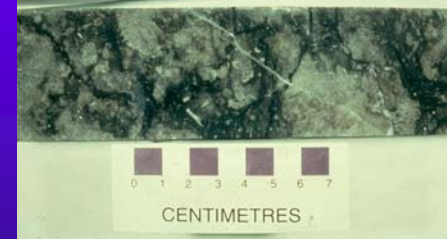
Gold overprints quartz-sulphide



Sediment Hosted Replacement Gold Structural and Lithological Control



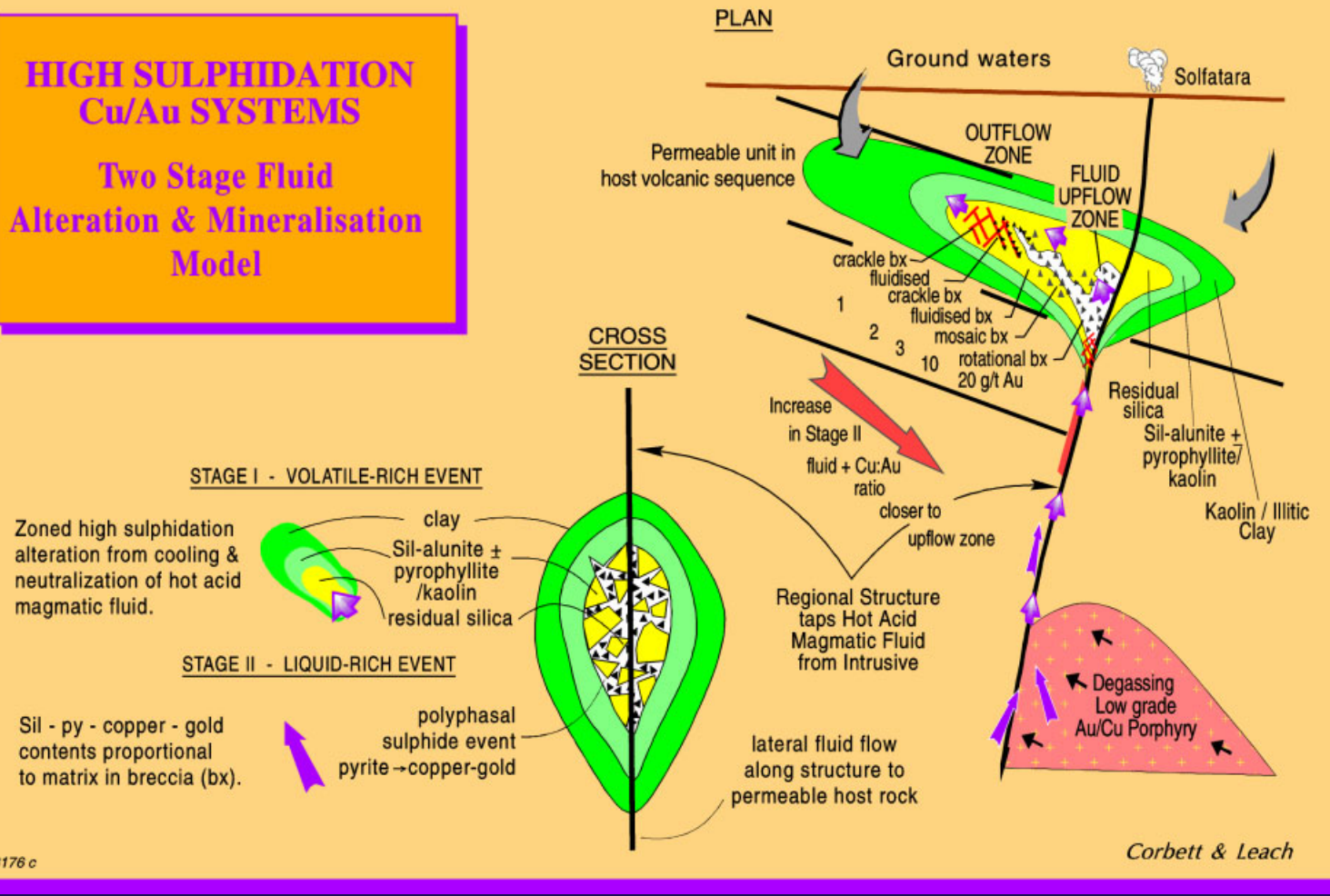
HOLE No.	DEPTH	Au (ppm)	As (ppm)
HFD 30	69.3	2.35	180



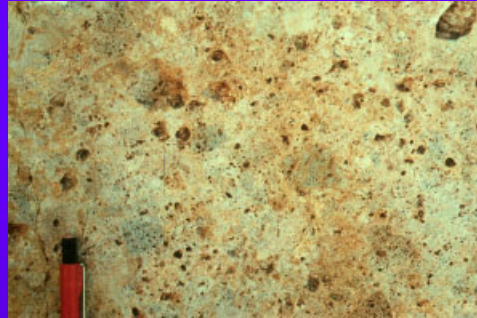
Two phase fluid flow model

**HIGH SULPHIDATION
Cu/Au SYSTEMS**

**Two Stage Fluid
Alteration & Mineralisation
Model**



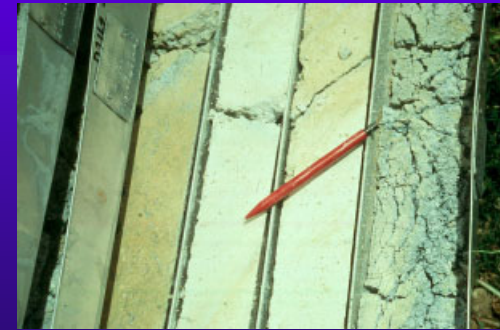
Zoned acid alteration



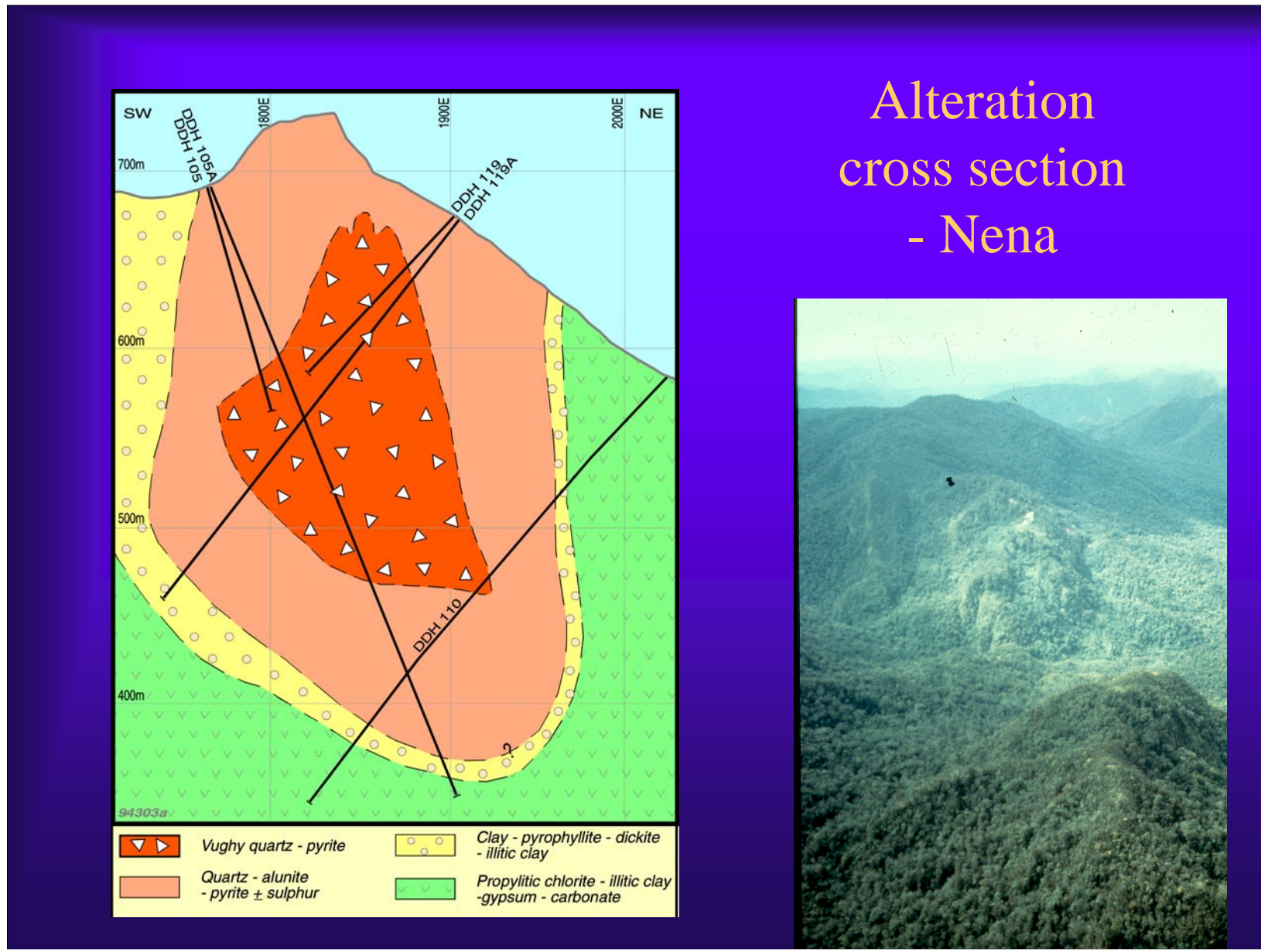
Del Carmen, Argentina



El Indio, Chile



Sappes, Greece



Mineralization



Mt Kasi, Fiji



El Indio, Chile

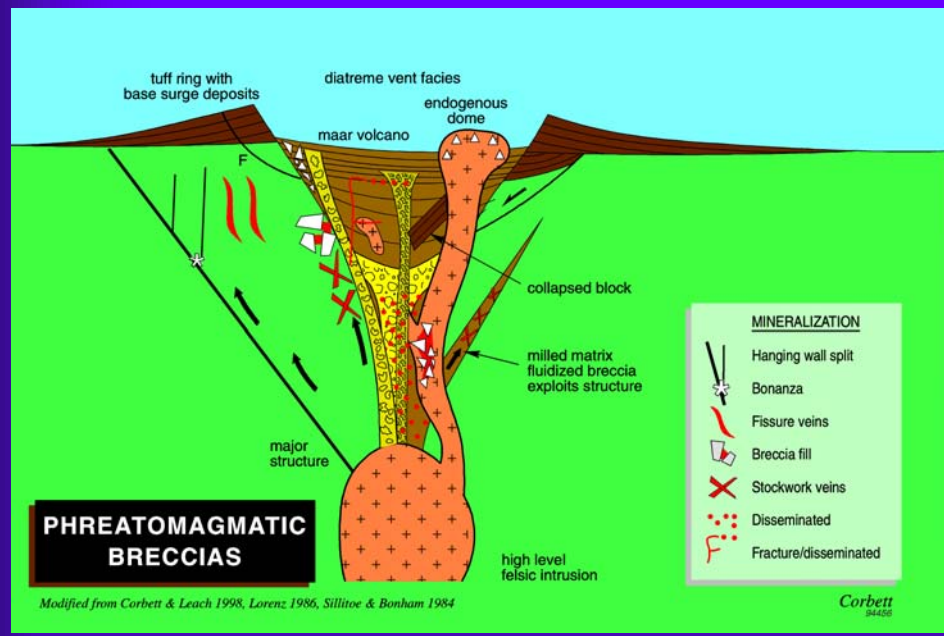


Maragorik, PNG



Yanacocha, Peru

Breccia



Pascua, Chile



Lepanto, Phillipines

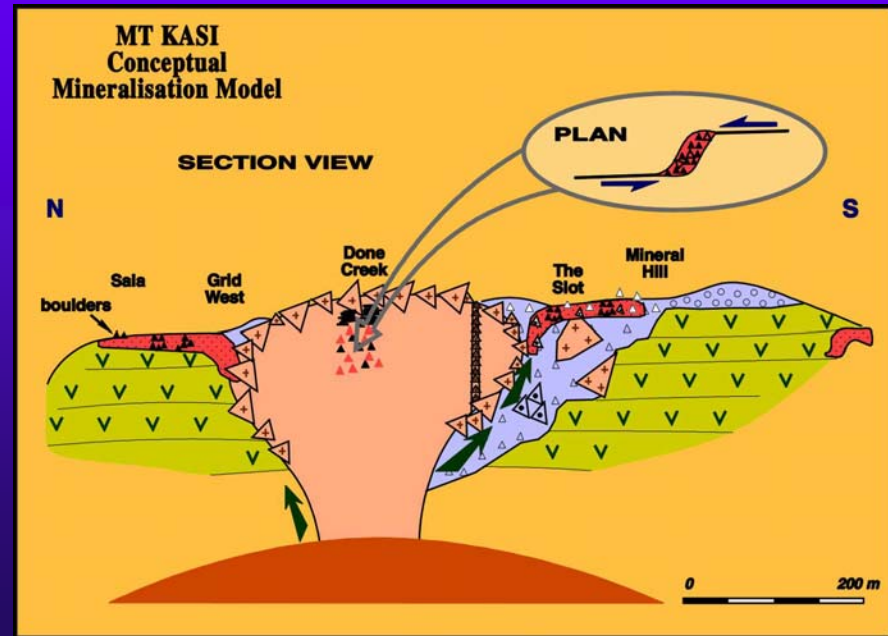


Yanacocha, Peru

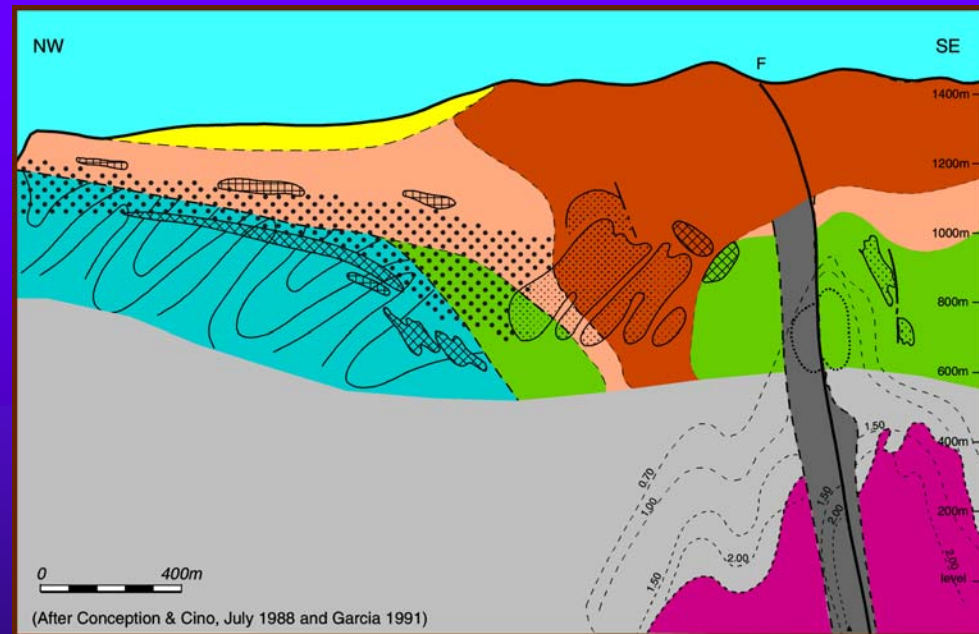
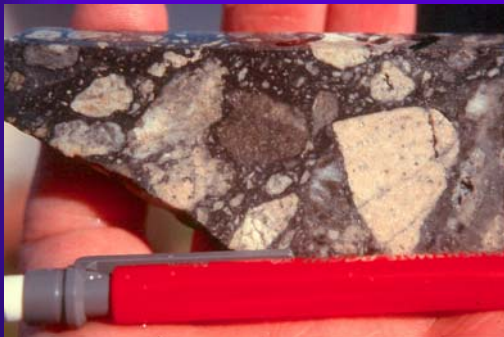


Veladero, Argentina

High Sulphidation Cu-Au+Ag Mt Kasi – Dome Association



Lepanto



Conclusion

