

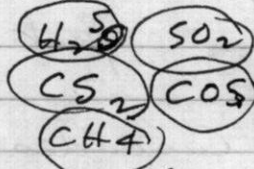
Clifton - Gas analysis in fluid inclusions
gases condensing cause argillic alteration

Fluid inclusion

Water liquid CO₂ & vapour
↑
actually a mix

Gases out

H₂O CO₂ CO



analysed for

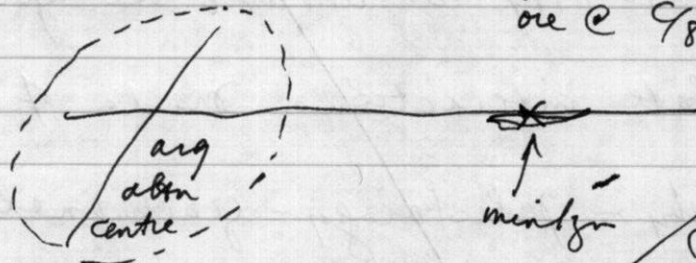
Ratio total S versus C
oxidized " reduced

Boiling - may not be that important - one
example S rich gas added - caused
deposn

Toodogzone - Baker different from Lawyers

c/s 8-12

ore @ c/s 8-12



Geochron anomalies
ore Hg
Fluid inclusions in veins
dissolved gases - CO₂?
low salinity
Homogeneous T 140-200°C
cement C200°C?

CINOLA N Champigny
41 MT 1.9 gm/Ton Au

mid Miocene - braided river depts.

rhy cuts Skonun Seds

ore Mostly vfg gold - vfg silica - most - cgl + sst

Rhy Ppy 14 My

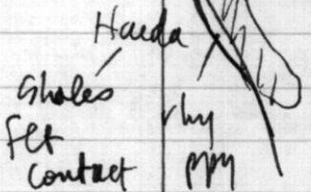
Dusy veins - later - better grade

Geochem Ag 5 Au .5 Sb .5 W .5 & conel. coefficient
6 As 16 Hg

Fault
silic. argillic
Cellite kaoler.
some mont)

CINOLA

veins - sphal cry
Visible gold etc
zone 200 m x 800 m
WDCZ
Depth 1 to 1.8 km (to prevent boiling)
14 My Rhy intruded up splay fault -



Haude