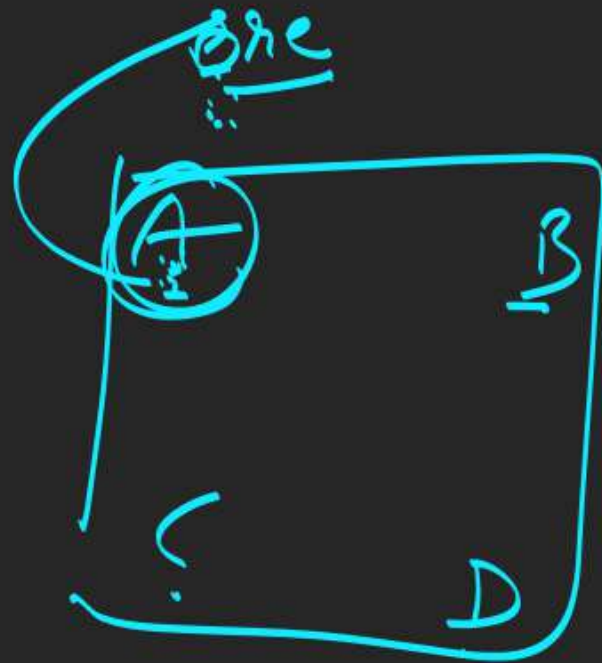


# New Chapter → Metallurgy



DNE =

S.R.A

mild R.A

W.R.A

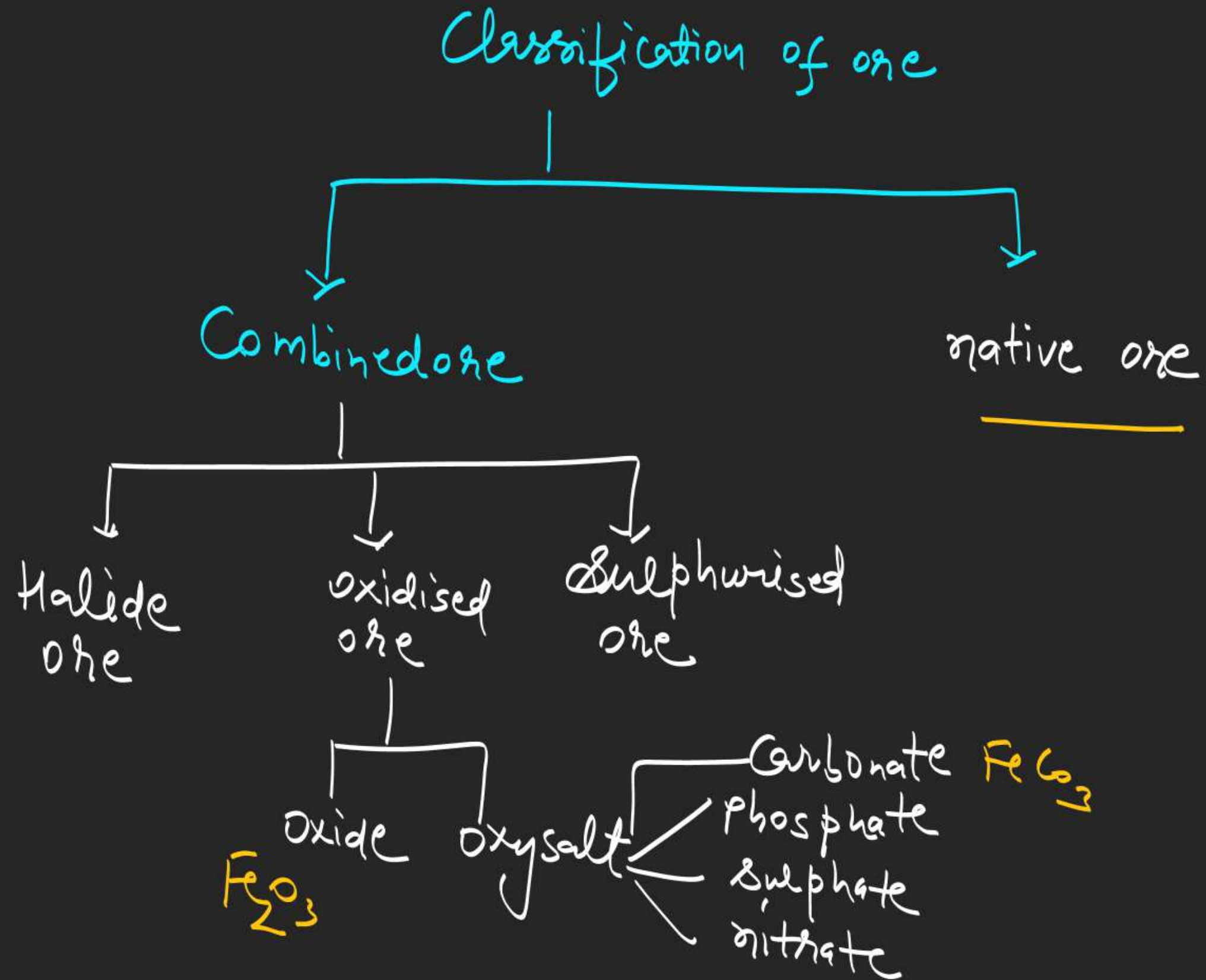
Li	ली
K	कै
Ca	काका
Na	ने
Mg	मांगी
Al	अलमारी
Mn	मनी
Zn	जानरेटर
Cr	क्रा
Fe	फिज
Cd	सीडी
Co	को
Ni	नी
Sn	सनेह
Pb	प्रभा
H	ही
Cu	कुटी
Hg	होगी
Ag	आजा
Au	आँडा

↑ oxid. pot. ↑



down the group Red. pot. ↑





## type of metallurgy

① electro metallurgy → when electrolysis involve in extraction of pure metal.  
example ⇒ S-Block and Al

② pyro metallurgy → When Heating effect involve in extraction of pure metal.



## Metallurgy →

Hydrometallurgy ⇒ It involve dissolution

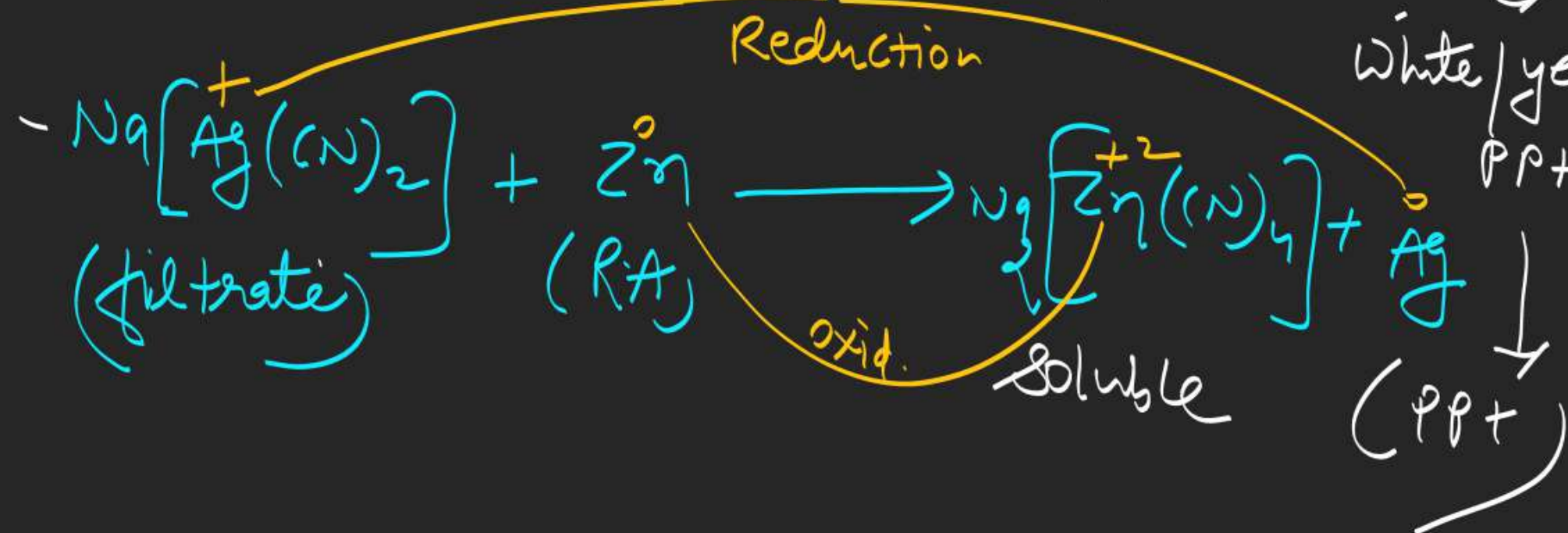
of metallic ore in a suitable solvent

Ore

in which metallic ore is soluble  
and impurities are insoluble

after filtration, metal can be precipitated by  
treating it with more electropositive  
element (R.A).

Mac Arthur forest process [cyanide process]



H-w



NCERT

ore — name