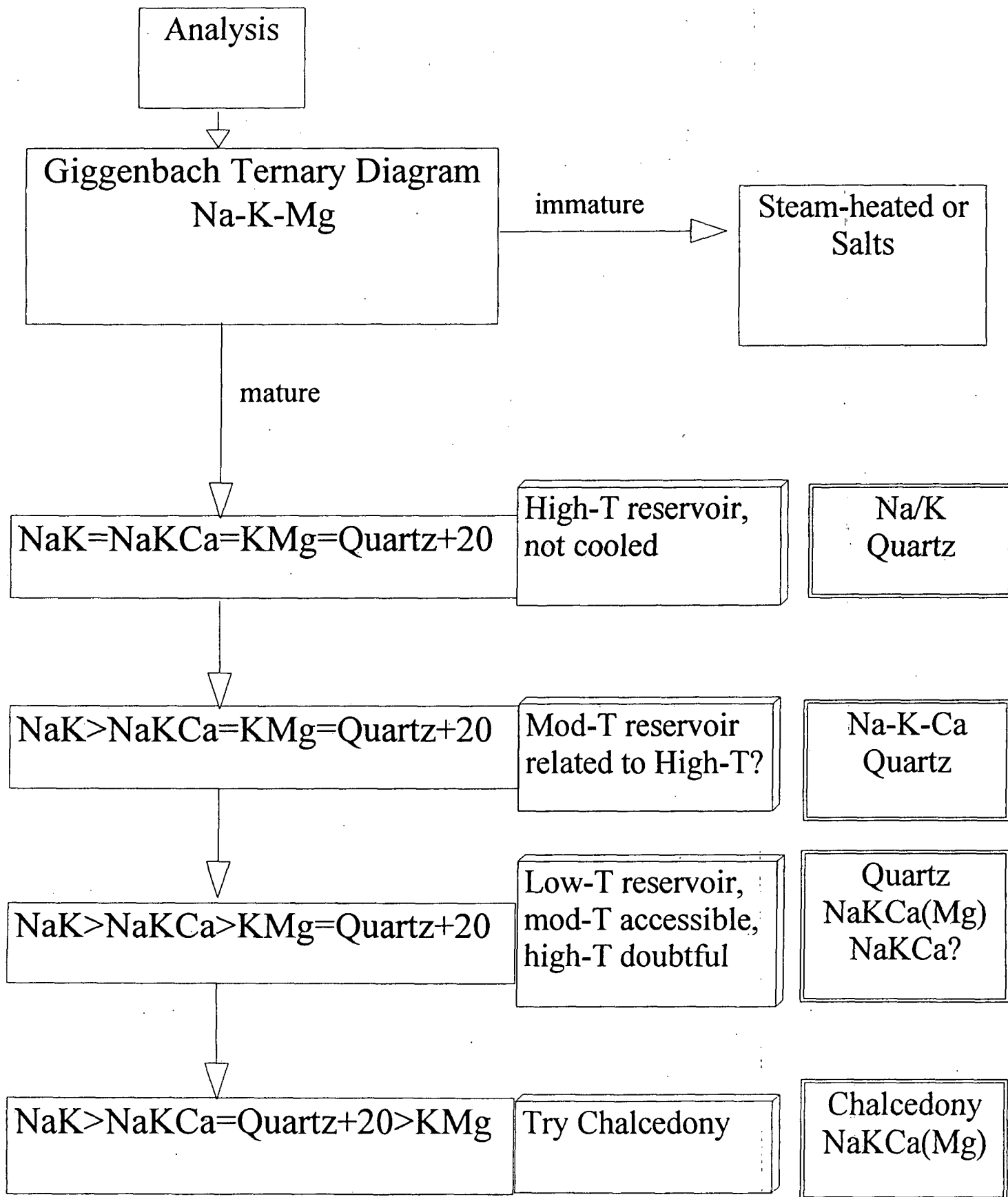


Method	Publication	Common?	Low-Temp?
Na/K	Giggenbach (1988)		
Na/K	Fournier (1981)	yes	
Na/K	Truesdell et al. (1984)		
Na-K-Ca	Fournier and Truesdell (1973)	yes	yes, for relating to mod-T reservoir
Na-K-Ca (-Mg)	Fournier and Potter (1979)	yes	yes, >70°C
K-Mg	Giggenbach (1988)		yes, T is probably too high by 10°C
K-Mg	Fournier (1990)	yes	yes, beware of equations in paper
Quartz	Fournier (1982)	yes	yes
Chalcedony	Fournier (1981)	yes, with care	yes,
SO <sub>4</sub> -H <sub>2</sub> O ( <sup>18</sup> O)	McKenzie and Truesdell (1977)	yes	



## Example from one of Utah's Hot Springs

Na/K (G)	255
Na/K (F)	242
Na/K (T)	219
Na-K-Ca	201
Quartz	100
K/Mg	107
Na-K-Ca(-Mg)	85
Chalcedony	70

NaK > NaKCa >> KMg > = Quartz

T(low) = 90-100; T(mod) = 200