



FIGURE 8.31 (Continued)

Vaughan, D. & Craig, J.R., 1997, Sulfide ore mineral stabilities, morphologies, and intergrowth textures in geochemistry of hydrothermal ore deposits (3rd ed. by H.L. Barnes), Wiley, p. 367-434.

* formation environment

T (Geothermometer) : 안정온도계

P (Geobarometer) : 압력측정기

FIGURE 8.31 (a) FeS contents of sphalerite in equilibrium with pyrite and pyrrhotite as a function of pressure (from Craig and Vaughan, 1994, adapted from Scott, 1976; used with permission). (b) FeS content of sphalerite in equilibrium with pyrite and pyrrhotite as a function of pressure at 300°C.

→ 흑운석과 함께 떠오르는
암석과 함께 떠오르는
Geobarometer² 사용 가능.

→ 흑운석
→ FeS, CdS, MnS Mole % 사용 가능.

sphalerite Fe_{1-x}S_x (마그네슘)
Fe_{1-x}S_x (마그네슘) : 0.05 ~ 0.15
Mole Y.

Geobarometer² 사용 가능.

sphalerite Fe_{1-x}S_x → FeS, CdS, MnS Mole % 사용 가능.