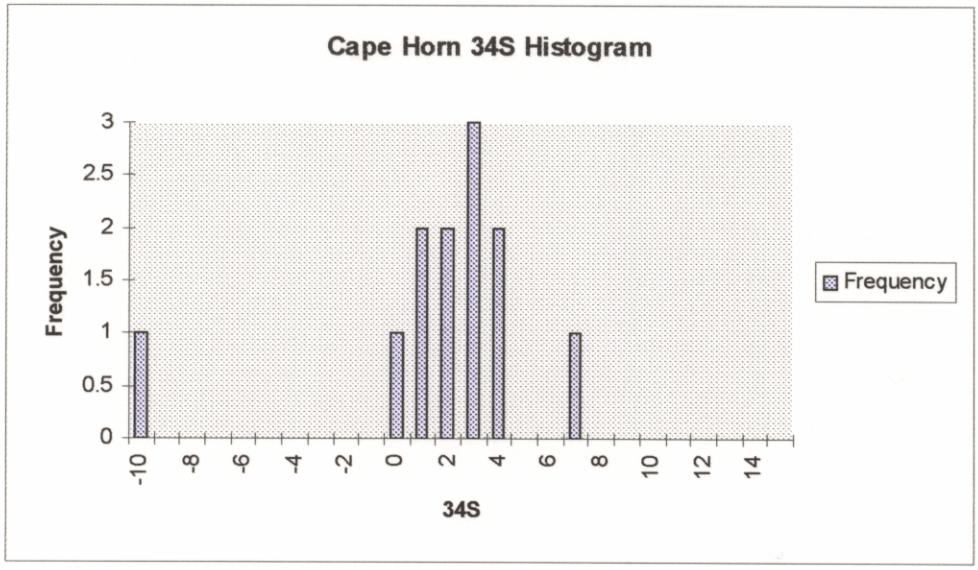

Figure 5. Histogram of $\delta^{34}S$ from Cape Horn pyrites (data from Walshe and Solomon, 1981). Note that $\delta^{34}S$ fall within the range of magmatic sulphur values with a slight bias toward positive values suggesting a high magmatic/seawater ratio in the depositional environment.

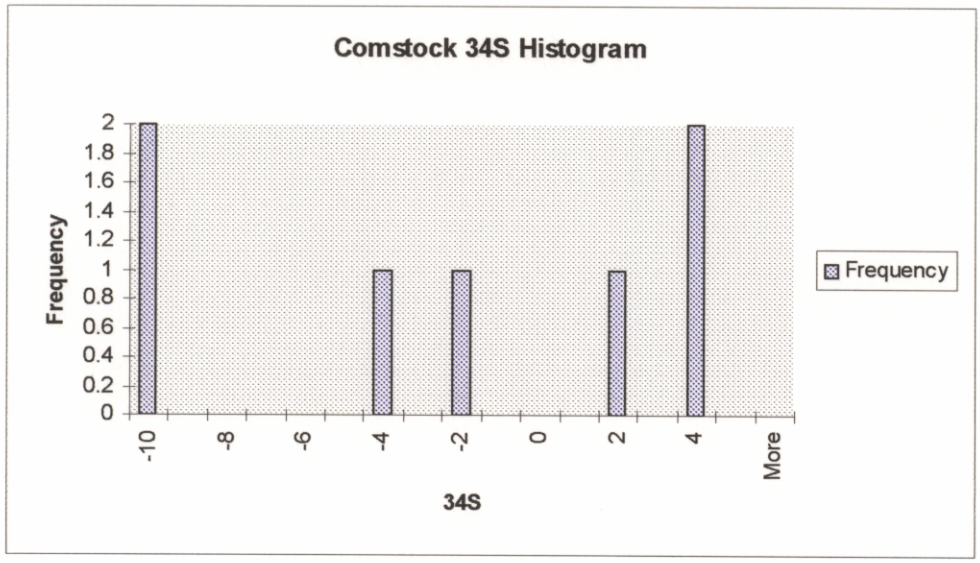

Figure 6. Histogram of $\delta^{34}S$ from Comstock pyrites (data from Walshe and Solomon, 1981). Note that $\delta^{34}S$ fall within the range of expected magmatic sulphur values. Negative values result from incomplete oxidation of volcanic sulphur by low temperature, oxidised fluids permeating the volcanic pile. Mixing of these two fluids may be responsible for the deposition of metals in the deposit.