

corrosion, briefly mention where these reactions will occur.

A piece of corroded metal alloy plate (density= 4.5 g/cm^3) was found submerged in ocean. It was estimated that the original area of the plate was 800 cm^2 and that approximately 7.6 kg had corroded away during the submersion period of 5.3 years. Estimate the corrosion penetration rate for the metal plate.