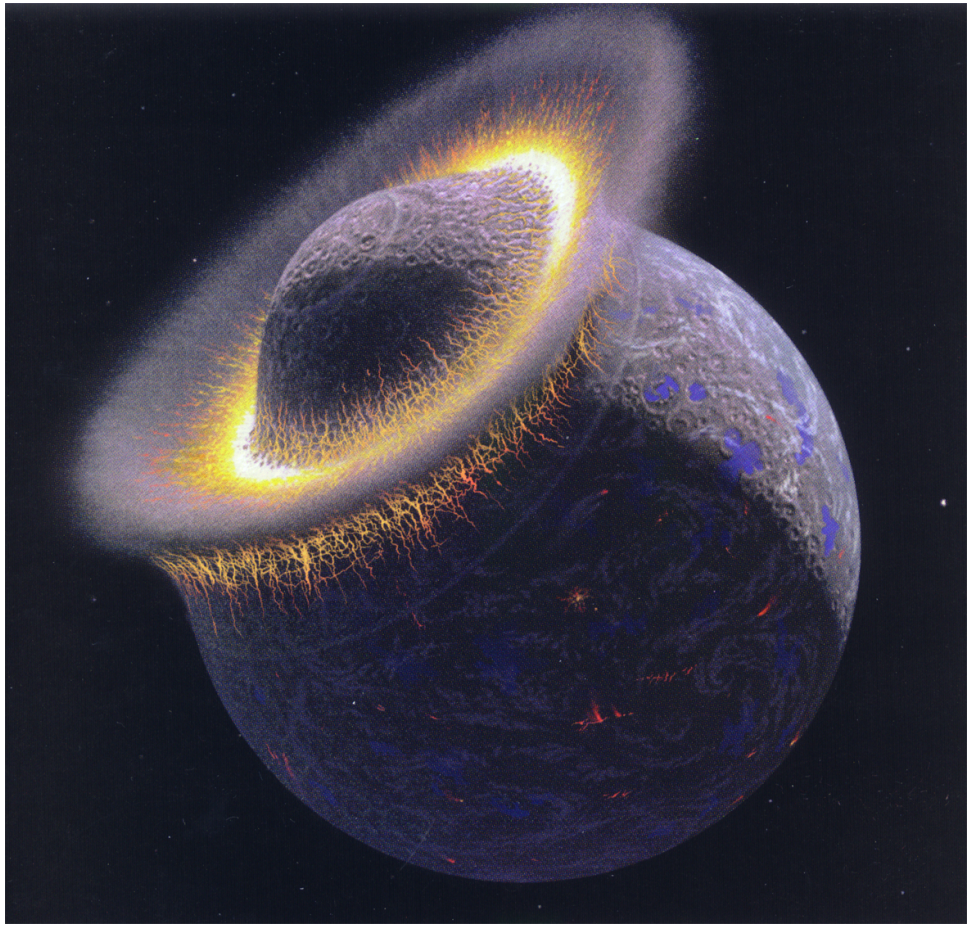
a. Zap pit in a tiny lunar glass fragment



b. Mars sized object hits earth