by tension, as when a sheet of rock is stretched by folding, or shrinks during cooling or drying. The second kind of fissures are formed along faults, i.e. where the rock on one side of a fracture has been moved along it. Faults are usually marked by slickensides or scratches on the walls, and by a rubble of rock fragments known as fault-breccia. Pug or fluccan (Cornish) or gouge (American) is material that has been ground by the movement into clay. Faults are usually not quite straight, but curve around harder layers or masses. Owing to the curves the fault fissure usually consists of lenticular spaces, separated by the projections of the opposite walls coming into contact. The lode or vein along such a fault alternately expands and contracts


Fig. 2.-A WavyLODE.
A wavy lode formed along a fault in the spaces left between the projecting harder rocks. plane, and the lodiverted here and there along a bedding and may consist may therefore be repeatedly deflected series of faults. Either ; such step-lodes may be due to a plane may be. Either the part along or across the bedding lode be reduced represented by a lode track, and the actual A vein parallel to series of parallel isolated sections. vein: a vein transverse bedding of the rocks is a beddedbed, is a gash-vein berse to the country, if confined to one a rake-vein.

Lodes are usually steeply inclined; if horizontal they are often known as "floors." If formed along more or less horizontal faults they are sometimes known as "slides." Floors often occur one below another in a dyke or narrow intrusion of igneous rock; these floors are formed along

