

neath the great erupted masses of Arenig and Bala age in North Wales. Admirable examples occur among the Carboniferous volcanic rocks of the basin of the Forth.²³ The Tertiary sills injected among Carboniferous and Cretaceous rocks of Antrim and the Jurassic rocks of the Inner Hebrides are likewise conspicuous for size and abundance.²⁴

§ 3. Veins and Dikes

The term "vein" is rather vaguely employed by geologists. It is used as the designation of any mass of mineral

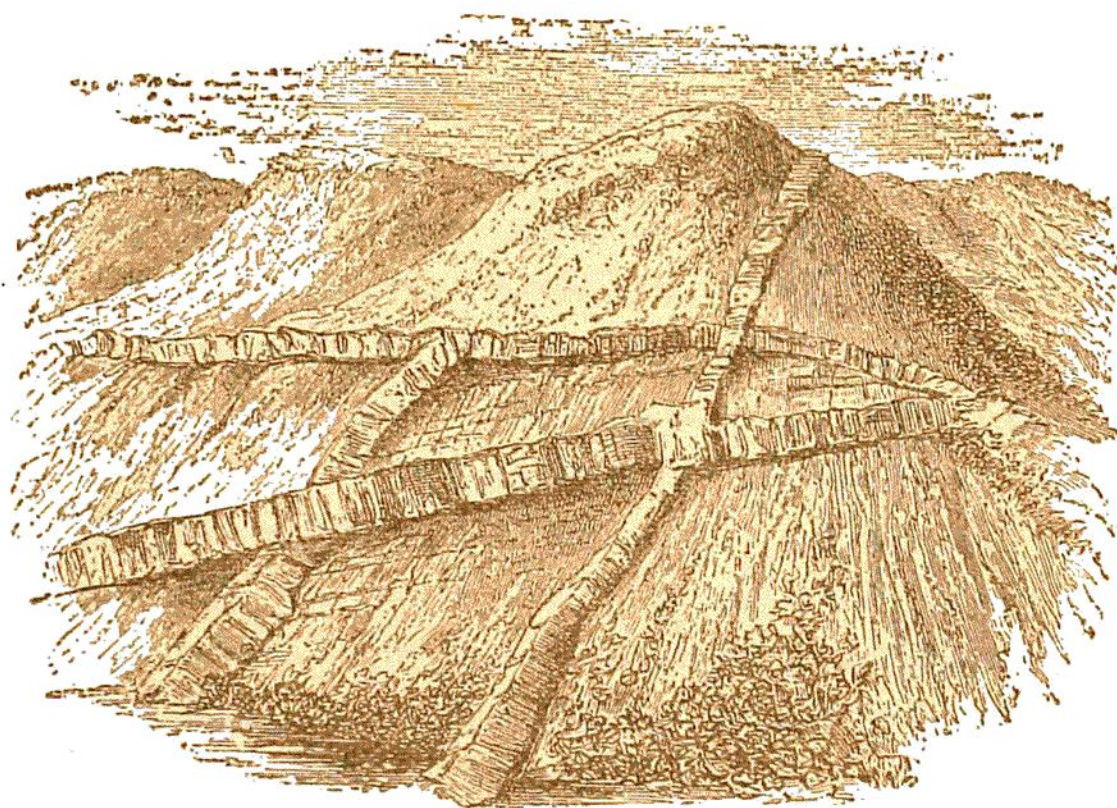


Fig. 288.—Intrusive Veins and Dikes of Porphyrite in Tuff of a Volcanic "Neck," Renfrewshire.

matter which has solidified between the separated walls of a fissure. When this mineral matter has been deposited from aqueous solution or from sublimation, it forms what is known as a *mineral vein* (Pt. IX.). When it has been

²³ See Trans. Roy. Soc. Edin. xxix. p. 474.

²⁴ Op. cit. xxxv. 1888, p. 111.