

Valley, Bonchester Hill, Rubers Law, Black Law, Dunian Hill, Lanton Hill, Minto Crag, Peniel Heugh, the Eildon Hills, the numerous little hills between Maxton on the Tweed and the foot of Lauderdale, and the long line of craggy heights that stretch by Smailholm and Stitchill to Greenlaw.

In connection with the eruptive rocks of the region, reference has been made to the basalt-dykes which run across the uplands from south-east to north-west. Though they do not form any striking feature in the topography,

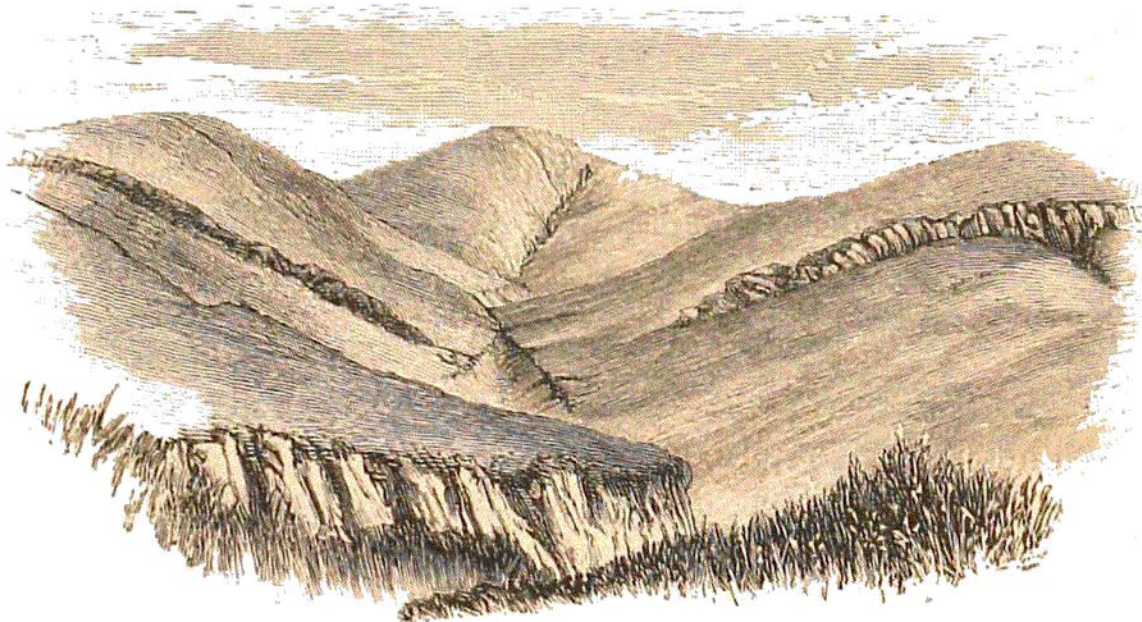


FIG. 68.—Tertiary dyke crossing the Glengap Burn, near Moffat, and showing the excavation of the valley since older Tertiary Time.

their persistent course across hill and valley throws much light on the history of the denudation of the high grounds of the south of Scotland. The evidence is precisely similar to that adduced from the Highlands. The Tertiary age of these dykes may be considered to be established beyond question. They cross some of the widest and deepest valleys among the Silurian hills, and they therefore prove that these valleys must have been eroded since older Tertiary time. The case of Annandale is particularly interest-