

with minerals and spars, which have evidently been deposited by electro-chemical action, and admirably exemplify the manner in which the rich metallic veins of lead, &c. are distributed in the strata of the interior of the mountain. In a crevice of the rock, in which the mineral contents were undisturbed, the arrangement of the prevailing minerals of this part of Derbyshire, namely, galena (*sulphuret of lead*), sulphate of barytes (here termed *cawk*), and fluor spar, was beautifully displayed. A layer of the blue sulphuret of lead, or galena, was spread over the surface of limestone forming the walls of the fissure ; upon this was a thick stratum of white sulphate of barytes; and on the latter, fluor spar, of a light blue colour, forming cubic crystals on the surface nearest the cavity of the fissure, which therefore appeared to be lined with crystals of fluor.*

About half a mile beyond, we arrive at Wakebridge, near which there are several very productive lead mines. The "*Glory-mine*," one of the richest in Derbyshire, is said, some ten years since, to have been worth from thirty to forty thousand pounds a-year.† A mining establishment, on the left hand, where a powerful steam-engine is constantly at work, affords numerous specimens of the usual Derbyshire spars and minerals ; and from

* The workmen at this, and the other quarries, generally have specimens of the fossils and minerals for sale, at moderate prices.

† Derbyshire Tourist, p. 50.