

at the depth of 150 fathoms, is 10 fathoms wide, thus gradually decreasing in width as it approaches its bottom.

4.

Putzenwerk.—*Werner.*

When mountains contain numerous irregular shaped hollows, which are sometimes empty, sometimes incruusted or completely filled with mineral substances, such an appearance is denominated a *putzenwerk*. These hollows are generally lined or filled with metalliferous substances, and usually occur in limestone. Thus the putzenwerks in the Hartz are situated in limestone, and are filled with ironstone; those in Siberia are sometimes filled with calc-sinter, and sometimes with argentiferous lead-glance.

We shall conclude this geognostic sketch by a short account of the relative age of metals.

CHAP. XII.

RELATIVE AGE OF METALS.

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1. *Molybdena* appears to be the oldest of all the metals. It occurs imbedded, in six-sided tables, in
granite