

The following characters of these depots or formations were ascertained by WERNER, after numerous examinations of this district during the course of thirty years\*.

He describes eight principal depots of metalliferous veins, without including other less considerable ones. These depots are well distinguished from each other, and they generally contain many metals.

*1st Depot.*—Lead-glance Depot or Formation.

The first, and unquestionably the oldest, of these depots, is the one we are now about to describe. It has been known from the earliest period of the working of the mines of Freyberg, and has afforded uninterruptedly much lead and silver, and small quantities of copper; and it still continues to afford the same ores.

These ores are the following :

Large and coarse granular *lead-glance*, containing from an ounce and a half to two ounces and a half of silver in the quintal.

Common *arsenic-pyrites*.

Large and coarse granular *black-blende*.

Common *iron* and *liver pyrites*, and sometimes also small portions of

*Copper-pyrites*, and

*Sparry ironstone*.

The

\* These descriptions are extracted from WERNER'S Treatise on Veins.