

Observations.

1. The distinguishing characters of this mineral, are its colour-delineations, its want of lustre, and its very flat conchoidal fracture, which sometimes inclines to earthy, and even to slaty. Its geognostic situation also distinguishes it from all the other subspecies of this species.

2. It is allied to Conchoidal Hornstone and Claystone, and passes into both of these minerals. These transitions are to be observed in the Pentland Hills. It is distinguished from *Conchoidal Hornstone* by its colour, colour-delineations, want of lustre, its more perfect flat conchoidal fracture, and its opacity: from *Claystone* it is distinguished by its greater hardness.

Third Subspecies.

Porcelain-Jasper.

Porzellan Jaspis, *Werner*.

Id. Wid. p. 314.—Porcellanite, *Kirw.* vol. i. p. 313.—Porzellan-Jaspis, *Estner*, b. ii. s. 613. *Id. Emm.* b. i. s. 240.—Diaspro porcellanico, *Nap.* p. 192.—Jaspe porcelaine, *Lam.* t. ii. p. 166. *Id. Broch.* t. i. p. 166.—Thermantide porcellanite, *Hauy*, t. iv. p. 510.—Porzellan Jaspis, *Reuss*, b. ii. s. 307. *Id. Lud.* b. i. s. 94. *Id. Suck.* 1^r th. s. 351. *Id. Bert.* s. 226. *Id. Mohs*, b. i. s. 321. *Id. Karsten*, Tabel. s. 38. *Id. Leonhard*, s. 12. *Id. Steffens*, b. i. s. 184. *Id. Hoff.* b. ii. s. 168. *Id. Lenz*, b. i. s. 418. *Id. Oken*, b. i. s. 298.

External Characters.

Its colours are grey, blue, yellow, and seldom black
 Vol. I. R and