

C. H. Hartshorn

210

TREATISE

ON

MINERALOGY:

SECOND PART,

CONSISTING OF

DESCRIPTIONS OF THE SPECIES, AND TABLES ILLUSTRATIVE OF
THEIR NATURAL AND CHEMICAL AFFINITIES.

BY

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VOLUME II.

NEW HAVEN:

HEZEKIAH HOWE & CO.

1835.

Plumbo-Gummite.

PLUMBO-GUMMITE. Staphyline Lead-Baryte.

Reniform. Surface smooth. Composition thin columnar . . . impalpable.

Cleavage, parallel with the sides of a rhombic prism, in traces. Fracture conchoidal.

Lustre resinous. Color yellowish-brown and reddish-brown, striped. Translucent.

Hardness = 4.0 . . . 4.5. Sp. gr. = 6.3 . . . 6.4.

If rubbed in an isolated state, it acquires a strong negative electricity.

1. If quickly heated before the blow-pipe, it decrepitates, and loses its water; but is infusible by itself. With borax, it yields a transparent, colorless glass, without reducing the lead. Its powder is decomposed by concentrated muriatic acid.

2. *Analysis.*

By BERZELIUS.

Oxide of lead	- - - - -	40.14
Alumina	- - - - -	37.00
Water	- - - - -	18.80
Sulphurous acid	- - - - -	0.20
Lime, oxides of iron and manganese	- - - - -	1.80
Silica	- - - - -	0.60

3. It occurs at Huelgoet, near Poullaouen in Brittany, in clay-slate, along with Galena, Blende, Iron Pyrites and Pyromorphite.

PLUSIN-GLANCE.

Massive; in druses.

Color, between iron-black and blackish lead-grey.

Hardness (scale of BREITHAUPT) = 3. Sp. gr. = 6.189 . . . 6.244.

1. It is found at Freiberg.

POLYBASITE. Axotomous Polypoione-Glance.

Primary form. Regular hexagonal prism?