

good pigment. The sample was sent in by Mr. John P. Brown. See Iron Ochre under Raw Sienna.

Hematite.—Beckwith, Lanark Co., Ont.

This mineral is a little hard to reduce to fine powder but when ground in oil makes an exceedingly good brown-red paint which remains permanent after exposure. It has a very good covering body and is unchanged by burning.

Arsenopyrite.—Marinora Tp. Hastings Co., Ont.

If this mineral be reduced to a fine powder and then roasted it makes a very fine brown-red paint of a good covering body. It has not been tested for any length of time. See Arsenopyrite under Black.

Ferruginous Rock.—Mallorytown, Leeds Co., Ont.

This sample was found to be free from grit and when ground in oil makes an excellent paint of a brownish-red colour with an extra-strong covering body. This will probably darken a little on exposure.

Hematite.—Limehouse, Halton Co., Ont.

This material is rather gritty in grinding and its reduction to a fine powder is attended with some difficulty. The sample I ground in oil was not thoroughly reduced after considerable time had been bestowed upon it; its colour is brownish-red with a middling body.

BURNT SIENNA.

Iron ochre. Paint brook, one mile east of Elmsvale Post Office, Halifax Co., N. S.

This ochre was found to be free from grit and when burnt and ground in oil it made an excellent burnt sienna; it is exceedingly bright and has a very good body; it can be ranked as a superior pigment. See Iron Ochre under Golden Ochre.

Ste. Anne de Montmorenei, Montmorency Co., Que.

This ochre which is comparatively free from grit when burnt and ground in oil produces a burnt sienna paint of a middling body but changes to a dark brown when exposed.

Deposits of iron ochre occur about a mile and a quarter above the mouth of Ste. Anne river and appear to extend over about four acres and are from four to seventeen feet in thickness.

From the same locality another sample was tested. It was free from grit and when burnt and ground in oil it made a dark burnt sienna paint, which darkens a trifle more after exposure; it has a very