

Iron Ochre.—Lot 12, Range 14, Walsingham, Norfolk Co., Ont.

This ochre is slightly gritty but is otherwise easily reduced. When burnt and ground in oil it produces a burnt sienna of a middling body but darkens on exposure to a rich brown. This ochre was used some years ago by the Buchanan Mineral Co. of Hamilton for making paint.

Iron Ochre.—Conestogo, Waterloo Co., Ont.

This ochre is rather gritty in grinding but is otherwise easily reduced to a fine powder and when burnt and ground in oil makes a fine burnt sienna paint of a strong body and is permanent after exposure. This colour was manufactured some years ago by Mr. James Newton, Finchhouse, Ont.

Iron Ochre.—Harrison Lake, New Westminster dist. B.C.

This ochre is slightly gritty in grinding but is otherwise easily reduced. Burnt and ground in oil it produces a burnt sienna paint of a strong body, but is darkened slightly on exposure; otherwise it is brilliant and clear in tone.

This sample was sent in by Mr. John P. Brown.

PURPLE.

Specular Iron Ore.—Glencoe, Pictou Co., N.S.

The sample used was free from grit and when ground in oil made a rich purple paint of an extra strong body. This I have named Canadian Purple and as it is apparently permanent after exposure I think the extra qualities of this material as a pigment should commend itself to all paint manufacturers, as one coat of this paint properly prepared will cover any surface. This particular ore has been generally observed in contact with dikes, from which we may infer the influence of igneous action. It is distributed over several counties, and thousands of tons have been extracted from a single deposit. It also occurs in the provinces of Quebec and Ontario. See Report 1873-4.

GREEN.

Pyrite.—Lot 12, Range I, Wakefield, Wright Co., Que.

This material when ground in oil makes a greenish paint which is dark in colour when freshly applied; after exposure for a year or two it lightens and assumes almost a neutral tint and would appear to be a very desirable shade for exterior use. It has a strong covering body and appears perfectly uniform after two years exposure.