

No. 11

Columbite. Labrador.

Oxide of Columbium 76.85
 Wolfram 73
 Oxide of Tin 1.20
 Oxide of Iron 17.34
 Oxide of Manganese 4.62=100.83

No. 12

Vivianite. Hirsken, St. Mary's Bay.

6 (P O₅ Fe₃ O₃ x 3 H₂ O) x P O₅ Fe₃ O₃ x 8 H₂O.)

Phosphate of Iron and Water.

Analysis.....Phosphorus.

Iron.

Water.

Silver—none.

Copper—none.

Cryst.=V Sp G=2.66 H=1.5—2.

By R. C. HENNESSEY.

No. 13.

Chromic Iron Ore. Pipestone Pond.

(Fe O Mg O) .Ch₂ O₃ Al₂ O₃.)

Chromate and Aluminate of Iron and Magnesia.

Analysis.....Iron.

Magnesia.

Chromium.

Alumina.

Cryst. I Sp G=4.3—45 H=55

Streak brown.

By R. C. HENNESSEY.

No. 14

White Nickel Ore. Tilt Cove.

As₂ (Ni Co Fe.)

Arseniuret of Nickel, Cobalt, Iron.

Analysis.....Cobalt, 8—12 per cent.

Nickel, 28—32 per cent.

Cryst. cube H=55, G=6.9—7.

By R. C. HENNESSEY.

No. 15

(1) Gersdorffite (yellow) Tilt Cove.

(2) White Nickel Ore (blue).

(3) Copper Nickel (red).

(1) Nickel, Arsenic, and Sulphur.

(2) Nickel, Cobalt, Iron, Arsenic.

Nickel, 28 per cent.—30 per cent.; Cobalt 10 per cent.—
12 per cent.

(3) Arsenic, Antimony, Nickel, Cobalt and Iron.

Nickel, 38 per cent.; Cobalt, 46 per cent.