

distance to the westward of the vein of red iron ore, on the east river of Pictou ; and it appears to have been, and is probably at the present day, forming from the water which passes over that vein : it is found in small tuberous masses, with a soft earthy fracture, and dark brown colour.

i. *Iron Pyrites*.—This ore is so universally distributed, that it would be an endless task to enumerate its various localities ; it is found crystallized in a great variety of forms, of which the most common is the cube—also in amorphous and globular masses.

#### ORES OF MANGANESE.

a. *Grey Oxide of Manganese*, occurs in considerable quantities in the mountain limestone, near Amherst, in Cumberland, generally in detached pieces in the open joints of the rock, sometimes in small veins or strings—its general structure is massive, but occasionally botryoidal and stalactitic.

An earthy oxide of Manganese is also found in small botryoidal masses in a dark clayey soil, overlying limestone at Cariboo, near Pictou.