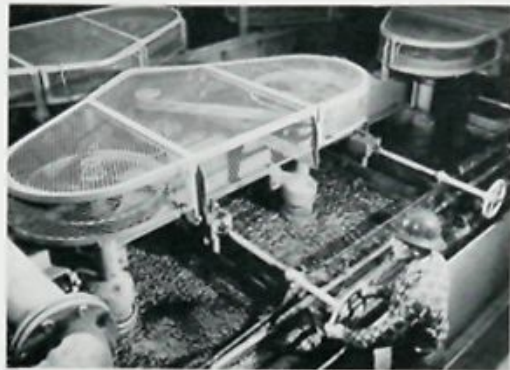


## URANIUM



→ Production of uranium metal at the Port Hope refinery of Eldorado Mining and Refining Limited. Uranium metal reaction vessel being removed from the reduction furnace after firing.

## NICKEL-COPPER



→ The concentration of nickel-copper minerals by flotation of Copper Cliff, Ont.

## BY-PRODUCT IRON



← At Kimberley, B.C., Western Canada's first iron-reduction plant is in operation against a backdrop of the famous Sullivan Concentrators. Roasted iron oxide produced from pyrrhotite (iron sulphide) in the fertilizer plant (foreground) is smelted in the iron plant (centre) before undergoing electric smelting in the plant at the right to produce pig iron.

## IRON ORE



↑ Large open-pit mine and concentrator of Lac Jeannine in northern Quebec. Although the whole Quebec Carlier operation is still in the development stage, shipments of concentrates began in mid-1961.

## SULPHUR



↑ Jumping Found natural gas and sulphur recovery plant in southern Alberta. In 1960 about 30 p.c. of Canada's requirements of sulphur was recovered as a by-product in the cleaning of natural gas.

## TITANIUM



← Casting titanium slag at Sorel, Que.

## STEEL



↑ Oxygen steel-making converter being charged with liquid pig iron from the blast furnaces. After charging is completed, the converter is tipped upright and the lance carrying the oxygen of high pressure is lowered into the vessel to produce liquid steel.