(Continued from page 6.)

drift in Halifax County, and in situ in the other County. Schulite is found at Moose River, Halifax counties. Since the publishing of How's work the County. The largest vein is 22 inches, and is exmineral has been found at Chegoggoin Point, about posed in the bed of Stillwater Brook. It has been four miles north from Yarmouth. Jordan Falls, Shel- found in the workings of Moose River mine, two burne County; Gaspereaux River Road, Cape Breton, miles to the east, and some of the ore has been found The deposit here is about four miles south-east of Big on a dump at the Touquoy gold mine, one and three Pond, near Gengarry Post Office. This mine is quarters of a mile castward from Stillwater Brook. marked as a blacklead mine in Churche's map of Tungsten ores are reported at New Ross, Lunenburg Nova Scotia.

It is found also at North River, St. Anne's, Vic- quantity as warrants development. toria County. In none of these places have attempts been made to mine the mineral for commercial pur- from Nova Scotia was 14 tons of schulite-concenposes and it is quite probable that at present prices trate, containing 72 per cent, tungstic acid, taken

deposits.

It has been recently discovered that an alloy of equal parts of Molybdenum and tungsten makes a grade concentrate. The mine ceased production in substitute for platinum which is selling now (1916)/1913, after a small production of 10 tons. There at \$88 an ounce, or four times the price of gold. were 40 tons of schulite ore mined here in 1916. These two metals have long been known and used, Prospecting for tungsten-bearing ores has been but only lately has it become known that they can engaged in during these last few years, at a number be made to resist oxidation.

tungsten. The latter melts at 3000 degrees Centi-

metal.

oxidized easily at a red heat, and they did not readily solder with gold, and its alloys, and that the while carbon produces a smoky deposit that injures larger wires were quite brittle. An alloy of tungsten the light. Tungsten produces no sutty effects in its and molybdenum, half and half, has been produced in wrought form that gives good results. Except in manufacturers of tungsten lamps claim for them a two respects, pure ductile tungsten and molybdenum, better light with less power. meet all the conditions of a practical substitute for platinum and its alloys.

have been overcome by coating with a precious is in the making of steel, the adding of a small pormetal or alloy, the resulting material being in many tion of tungsten increases the elasticity and tensile ways much superior to platinum or its alloys.

Molybdenum and tungsten are not so expensive as platinum. The latter was quoted in December. 1915, at \$3,000 a ton for 60 per cent. ore. It is now even higher. Molybdenum ore was \$750 a ton before the war, it was quoted in February, 1916, at \$3,600 a ton. These metals, are necessary to the making of ure of the reconstituted Labor party and delay their high speed tool steel, as they prevent it from losing its temper, even when red hot. They are in great demand by makers of artillery and ammunition.

TUNGSTEN.

The chief tungsten ores are wolframite, schulite, and hubnerite. Wolframite is the heaviest of these, its specific gravity being 7. Next to wolframite, schulite is the chief ore of tangsten. It is white, cream, yellow or brown in color. It can be readily scratched with a knife. Its specific gravity is 6. It resembles calcite, but is more than twice as heavy as this mineral. Hubnerite is closely related to wolframite in the shape of its crystals, specific gravity

and hardness. The last named mineral is found at and Chester, in Lumenburg County. It is found in Emerald, near North-East Margaree, Inverness County, but up to the present it's not found in such

The first shipment of tungsten-bearing mineral renumerative work could be done at some of these from the schulite mines. Moose River, in 1912. The capacity of the mill is 30 tons in 12 hours.

The mill was erected in 1911 and produced a high

of places in the Province, but nothing of economic Jolybdenum has many of the characteristics of value has been reported. This metal was formerly considered of interest as a chemical element only. It grade. The former melts at 2500 degrees centigrade. is now an article of commerce and industry and a They are insoluble in any of the common acids, and very valuable one. It is one of the very hard and their tensile strength exceeds that of steel. Their heavy metals, having a specific gravity of 16, nearly specific gravity is 70 per cent. greater than lead, and as heavy as gold. Its melting point is 8,080 degrees they can be drawn to finer threads than any other Centrigrade. It is one of the most infusible metals known, and is much used in the making of incan-The serious objections to them were that they descent lamps, the filaments, being much superior to carbon filaments in that it produces a white light, white incandescent condition. Apart from this, the

Considerable quanties of tungsten are used in the making of tungstates, which are used as a mordant The two objections in the alloy, its ease of oxida- in dyeing to give weight to silks, and in rendering tion and the difficulty with which it can be soldered, fabrics fireproof; but the chief demand for tungsten

strength of the steel.

Speaking at Oldham, Mr. Clynes declared that nothing but disunity could wreck the promising futconquest of political power.

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