

RESULT OF DIFFERENT ASSAYS OF SILVER ORE FROM PRINCE'S MINE.

Mr. Ramage, of Kingston.	1 oz. of Ore without any preparation in the sim- plest manner possible of extraction,.....	1 dwt. 12 qrs.— $7\frac{1}{2}$ p. ct.
	1 oz. 10 dwts. of Ore, washed and made clean so as to weigh 1 oz.,...	5 dwts.—25 p. ct.
	31 oz. Troy of Ore, pro- duced,.....	$33\frac{1}{2}$ dwts.— $5\frac{1}{100}$ p. ct.
	20 lbs. Troy of Ore, pro- duced,.....	4 oz. 4 dwts.— $1\frac{3}{4}$ p. ct.
Mr. Townsend,...	2 oz. 5 dwts. of Ore, pro- duced,.....	$2\frac{1}{2}$ dwts.— $5\frac{3}{100}$ p. ct.
Mr. Wood,.....	5 lbs. 8 oz. of Ore, pro- duced,.....	30 dwts. 15 qrs.— $2\frac{3}{100}$ p. ct.
Mr. Savage,.....	5 oz. 2 dwts. of Ore, pro- duced,.....	5 dwts.— $4\frac{4}{11}$ p. ct.

A loss varying from 1 to 2 per cent. is acknowledged by these gentlemen to have taken place, arising from the imperfect manner the assays were made.

RESULTS OF TWO ASSAYS OF SILVER BEARING ROCK, RECEIVED FROM THE MINE OF THE BRITISH NORTH AMERICAN MINING COMPANY.

This is a mixture of Spars, in Magnesian Strappean rocks, containing Blende, Galena, Pyritous Copper and Magnetic Iron Ore, in which Native Silver in thin leaves and skeleton crystals occurs. The Silver is wholly in a metallic state when it is in the calcareous spar, in which it most commonly occurs, although the dark trap-pean rock contains minute spangles.

All the rock and ore contained in a keg, were reduced to a coarse powder, and the average obtained in the usual way, so as to afford assay samples of 10 lbs. weight. The occurrence of the