

flexible scales of Silver, rendered the sampling slightly variable, as will appear in the results.

10,000 grains were taken for each Assay, representing 5 Tons of 2000 lbs. each.

5 Assay Tons, 1st trial, gave..... $255\frac{47}{100}$ lbs. pure silver,

5 Assay Tons, 2nd trial, gave..... $243\frac{15}{100}$ lbs. pure silver.

Mean,..... 249,59 lbs. or $49\frac{82}{100}$ lbs.

of Silver, per Ton of Rock.

When it is considered that only a part of the rock assayed was true ore, and but a very small part was apparently rich in silver; this surprising yield of the precious metal could not be expected.

Respectfully,

A. A. HAYES,

State Surveyor.

ROXBURY MASS., 17th August, 1847.

AUGUST 13th, 1847.

The average result of two humid assays of the Silver Ore from the Mine of the "British North American Mining Company," (Prince's Location,) gives $2\frac{3}{100}$ per cent. of pure Silver.

Respectfully yours,

C. T. JACKSON, *State Assayer.*

By J. SEWALL KENDALL *Deputy Assayer.*

State Assayers Office,
No 1, Somerset Street,
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