

with a view to prove them before erecting machinery for the reduction of the mineral.

The following was the result of this examination up to the end of September last:—

RIGG VEIN,

Sunk 50 feet. Width at surface 7 feet; at bottom of shaft 8 feet. Nearly vertical, well defined, and continuous for several miles in length.

KILGOUR VEIN.

Sunk 35 feet; 20 feet wide at bottom; vertical, well-defined and continuous for 3 or 4 miles. 1,000 feet in length of this vein has been sold to an American Company, after having been tested in several places.

LOUIS LOUBIER'S VEIN.

18 feet wide at surface; shaft down 5 feet. The average of six assays of this are given, \$24.71 = about 14 oz. per ton.

BARBEAU VEIN.

Depth of shaft 15 feet; exceeding 30 feet in width. A ten-stamp quartz crushing mill to be driven by steam power has just been erected on this vein, and is expected to be shortly at work.

RODRIGUE VEIN.

Well-defined for several miles; 10 feet wide.