

mining act obtained during the last session of the Provincial Legislature.

Since the foregoing letter from Prof. Chapman was written, three other veins have been discovered, and in two instances openings have been made with a view of testing their value. Two on the east side of the property are of the general character of the lodes being at present worked, and give indications of unusual richness. The other vein is more fully described on pages 7 and 8.

The Company's property embraces an area of fifty acres of what is acknowledged to be the most valuable part of the gold bearing belt of Marmora, and it is the intention of the Directors to erect a mill, costing not less than \$50,000, capable of treating thirty tons of ore per day. The mill will be built on the most approved principle, embracing all the latest improvements to be found in the mills of California, where large profits are made in working ores very inferior to, but of the same character as those of Marmora. The Directors hope to have the mill ready for active work by May, 1874.

Two facts may here be mentioned, and being matters of record outside of, and entirely independent of the Company, will assist in establishing the soundness of the undertaking, and are the best and safest indications of the value of the property.

1st. The well known existence of these lodes of gold bearing mispickel, and their richness by assay.

2nd. Their practicably inexhaustible quantity so far as the operations of a mining company are concerned.

The following is the assay by Prof. Chapman of ore from the Dean and Williams vein, taken from a depth of 70 feet below the surface:

Gold—4 oz. 6 dwts. 8 grs.	} equal to \$89.18 per ton of 2000 lbs.
Silver— 7 dwts.	

The following is the assay by Prof. Chapman of ore from the Gillen vein:

Gold—6 oz. 8 dwts.	} equal to \$133.20 per ton of 2000 lbs.
Silver— 7 dwts.	

Assay by Dr. Harrington of the Government Geological survey, Montreal, accompanying report of Mr. H. G. Vennor, F.G.S.—  
(See *Progress Report for 1872, Geological Survey of Canada*):

Value per ton of 2000 lbs.....\$86 53

This assay, it may be remarked, refers to the mispickel veins mentioned in Prof. Chapman's letter, since the writing of which