

finely disseminated gold locked up in the sulphuret and which has been worked as free milling ore. Thus, for the want of concentrating machinery, the pyrites passed off, carrying the gold with it.

At a public meeting in Farwell in February it was decided to petition the Local Government to aid in improving the means of communication between the Big Bend mines and Farwell, including the construction of a waggon road from La Porte to Ground Hog Basin, at the head of McCulloch's Creek, so as to facilitate the transportation of machinery and supplies to the various mining camps.

The Ophir Bed-Rock Flume Company propose constructing a flume the entire length of their ground which extends for a mile and a half along McCulloch Creek, in the Big Bend district. Into this will be hydrauliced the gravel for 100 feet in width down to bed-rock, 60 feet below the surface. The flume will be seven feet wide, through which it is intended that 1000 yards of earth will pass each twenty-four hours. The gravel prospects ten cents to the pan.

## UNITED STATES.

Colorado is credited with a bullion product for 1885 of \$22,800,000, of which \$13,000,000 was silver, \$5,000,000 gold, \$4,000,000 lead, and \$500,000 copper.

The Ropes gold mine, Michigan, for the month of February, produced from bullion and concentrates, about \$3,000 in precious metal, averaging about \$6.50 per ton of rock treated.

The shipments of last season from the Quincy mine, Mich., to Detroit smelters, aggregated 7,091,765 pounds of mineral which yielded about 82.47 per cent., or 5,848,197 pounds, of refined copper, and gave a mining profit of \$229,895.45.

**McIntyre & Lewis,**

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Conveyancing of Properties and Mineral Rights.

OFFICES: - Union Chambers, Ottawa.  
(adjoining Canadian Mining Review Office.)

ALEX. F. McINTYRE. I TRAVERS LEWIS.

**WOLFF & COTTON,**

PROVINCIAL LAND SURVEYORS,

ONTARIO AND QUEBEC.

OFFICE, - 52 ELGIN STREET.

(Opposite Russell House), OTTAWA.

**J. OBALSKI,**

MINING ENGINEER.

Will examine and report on mines, and make analyses.

OFFICE, 63 ST. GABRIEL STREET, MONTREAL.

CONSULTATION FREE

**WM. HAMILTON MERRITT, F. G. S.,**

Associate Royal School of Mines, &amp;c.,

MINING ENGINEER AND METALLURGIST,

WILL REPORT ON

MINES AND MINERAL PROPERTIES.

ADDRESS,

15 TORONTO ST., - - - TORONTO, ONT.

**MINING REGULATIONS**

To Govern the Disposal of

**Mineral Lands other than Coal Lands.****1886.**

**THESE REGULATIONS** shall be applicable to all Dominion Lands containing gold, silver, cinnabar, lead, tin, copper, petroleum, iron, or other mineral deposits of economic value, with the exception of coal.

Any person may explore vacant Dominion Lands not appropriated or reserved by Government for other purposes, and may search therein, either by surface or subterranean prospecting, for mineral deposits, with a view to obtaining under the Regulations a mining location for the same, but no mining location or mining claim shall be granted until the discovery of the vein, lode, or deposit of mineral or metal within the limits of the location or claim.

## QUARTZ MINING.

A location for mining, except for iron, on veins, lodes, or ledges of quartz or other rock in place, shall not exceed twenty acres in area. Its length shall not be more than three times its breadth, and its surface boundary shall be four straight lines, the opposite sides of which shall be parallel, except where prior locations would prevent, in which case it may be of such a shape as may be approved of by the Superintendent of Mines.

Any person having discovered a mineral deposit may obtain a mining location therefor, in the manner set forth in the Regulations which provide for the character of the survey and the marks necessary to designate the location on the ground.

When the location has been marked conformably to the requirements of the Regulations, the claimant shall, within sixty days thereafter, file with the local agent in the Dominion Lands Office for the district in which the location is situated, a declaration or oath setting forth the circumstances of his discovery, and describing, as nearly as may be, the locality and dimensions of the claim, marked out by him as aforesaid; and shall, along with such declaration, pay to the said agent an entry fee of FIVE DOLLARS. The agent's receipt for such fee will be the claimant's authority to enter into possession of the location applied for.

At any time before the expiration of FIVE years from the date of his obtaining the agent's receipt, it shall be open to the claimant to purchase the location on filing with the local agent proof that he has expended not less than FIVE HUNDRED DOLLARS in actual mining operation on the same; but the claimant is required before the expiration of each of the five years, to prove that he has performed not less than ONE HUNDRED DOLLARS' worth of labour during the year in the actual development of his claim, and at the same time obtain a renewal of his location receipt, for which he is required to pay a fee of FIVE DOLLARS.

The price to be paid for a mining location shall be at the rate of FIVE DOLLARS PER ACRE, cash, and the sum of FIFTY DOLLARS extra for the survey of same.

Not more than one mining location shall be granted to any individual claimant upon the same lode or vein.

**IRON**—The Minister of the Interior may grant a location for the mining of iron, not exceeding 160 acres in area, which shall be bounded by north and south and east and west lines astronomically, and its breadth shall equal its length. Provided, that should any person making an application purporting to be for the purpose of mining iron thus obtain, whether in good faith or fraudulently, possession of a valuable mineral deposit other than iron, his right in such deposit shall be restricted to the area prescribed by the Regulations for other minerals, and the rest of the location shall revert to the Crown for such disposition as the Minister may direct.

The Regulations also provide for the manner in which land may be acquired for milling purposes, reduction works, or other works incidental to mining operations.

Locations taken up prior to this date may, until the 1st August, 1886, be re-marked and re-entered in conformity with the Regulations without payment of new fees, in cases where no existing interests would thereby be prejudicially affected.

## PLACER MINING.

The Regulations laid down in respect of quartz mining shall be applicable to placer mining as far as they relate to entries, entry fees, assignments, marking of localities, agents' receipts, and generally where they can be applied.

The nature and size of placer mining claims are provided for in the Regulations, including bar, dry, leach, creek or hill diggings, and the RIGHTS AND DUTIES OF MINERS are fully set forth.

The Regulations apply also to

## BED-ROCK FLUMES, DRAINAGE OF MINES, AND DITCHES.

The GENERAL PROVISIONS of the Regulations include the interpretation of expressions used therein; how disputes shall be heard and adjudicated upon; under what circumstances miners shall be entitled to absent themselves from their locations or diggings, &c., &c.

## THE SCHEDULE OF MINING REGULATIONS

Contain the forms to be observed in the drawing up of all documents, such as:—"Application and affidavit of discoverer of quartz mine." "Receipt for fee paid by applicant for mining location." "Receipt for fee on extension of time for purchase of a mining location." "Patent of a mining location." "Certificate of the assignment of a mining location." "Application for grant for placer mining and affidavit of applicant." "Grant for placer mining." "Certificate of the assignment of a placer mining claim." "Grant to a bed-rock flume company." "Grant for drainage." "Grant of right to divert water and construct ditches."

Since the publication, in 1881, of the Mining Regulation to govern the disposal of Dominion Mineral Lands, the same have been carefully and thoroughly revised with a view to ensure ample protection to the public interests and at the same time to encourage the prospector and miner in order that the mineral resources may be made valuable by development.

COPIES OF THE REGULATIONS MAY BE OBTAINED UPON APPLICATION TO THE DEPARTMENT OF THE INTERIOR.

A. M. BURGESS,

Deputy Minister of the Interior.