

main shaft is now 70 feet deep and shows in the bottom a mass 10 feet in width, 45 feet in length, and still continuing without any sign of exhaustion or pinching with the walls. The mineral is all high grade, of pink and dark green colors, and so far but little impurity is associated with the deposit. Twenty-one persons are employed. About 1,200 tons have been mined since the 1st of January, and contracts for its sale have been made, we understand, with Mr. J. S. Higginson of Buckingham. A hoisting and drilling plant is to be put in the spring.

The Taylor Hydraulic Air Compressing Co., Ltd., has been incorporated under Dominion charter with a total capital stock of \$500,000, head-quarters at the city of Montreal; to acquire the invention patented under the Canadian letters patent of invention No. 46,092 and to manufacture and sell the same. The applicants for incorporation are:—Charles Havelock Taylor, mining engineer; Henry Millen, gentleman; Walter Tylee Ross, real estate agent; Joseph Rowet Fair, accountant; Roderick Livingstone Murchison, advocate; Robert William Sutherland, accountant; and Hooper Mallet, clerk, all of the city of Montreal; and William Heber Campbell, of Belleville, barrister; James Gerald Fitzgibbon, of Norwood, banker, and Duncan Turner Ritchie, of Kelvinside, Glasgow, Scotland, gentleman.

Quebec Mining Association Smoking Concert.

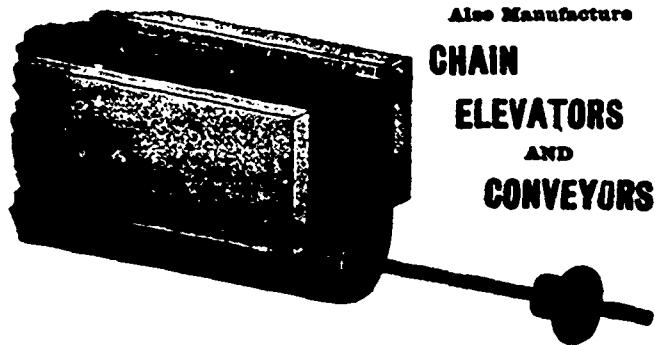
Instead of the annual dinner which hitherto has been a feature of the annual gatherings of this body, a smoking concert was substituted this year, which proved a thoroughly enjoyable and successful affair. The event took place in the New Club Room, Windsor Hotel, on Thursday evening the 10th inst. There was a large attendance. Mr. George E. Drummond, of the Canada Iron Furnace Co., presided. A feature of the evening was the capital selections of the McGill Banjo and Glee Club, which were heartily applauded, and the unique entertainment provided by Mr. George R. Smith (Bell's Asbestos Co.), in his character sketch, "Why are we here?"—a humorous satire on the proceedings of scientific societies, which completely convulsed the audience. Mr. Heney, the reader of the McGill Glee Club, provided a good deal of fun by his excellent sketches of the French Canadian *habitant*. Other features of an admirable programme were the musical selections of Messrs. Haycock, Ingall and F. Cirkel, and the "Personal Reminiscences" of Mr. S. P. Franchot and Mr. Wolmann of New York. Shortly before midnight the company adjourned to the Ladies' Ordinary, where an excellent supper and a few toasts concluded the entertainment.

A Monster Wrought Steel Colliery Winding Drum.

A new conical wrought steel winding drum has just been completed by the well known English firm of engineers Messrs. H. Dalglish & Co., of St. Helens. It is 33 feet on its maximum diameter and 18 feet on its minimum, 6 feet wide on the maximum diameter, and 15 feet 9 inches wide over the sides. The drum is built on three cast iron bosses, 9 feet in diameter, made in halves, with planed points and secured by strong bolts, each boss being bored to 21 in. diameter and secured to the crank-shaft by four keys. The centre boss is fitted with eight pairs of arms made of flat steel bars, 8 in. by 1½ in. in section and fitted into suitable recesses prepared on the boss and bolted thereto; the bars are also bolted to a ring of plates at the maximum diameter, 16 in. by ½ in., and secured to the periphery plates by double angles. The outer bosses are fitted with discs of steel plates, 18 ft. in diameter, forming the sides of the drum, strengthened with suitable angle rings. The skeleton frame of the drum is formed of 16 main frames made of steel bars of T section, 6 in. by 5 in. by ½ in., with diagonal braces of similar section and strong gusset plates at the intersections. There are also 16 intermediate frames made of steel bars of T section, 5 in. by 4 in. by ½ in., and strengthened in a similar manner to the main frames. Additional bars of angle steel, 3 in. by 3 in. by ½ in., are fitted between the main and intermediate frames and on these, riveted to each at every intersection, is built a scroll of grooved steel of special section to receive the rope, 2 in. in diameter. Between the coils of the scroll is riveted on each frame a cast steel distance piece so as to form a continuous support to the scroll from the minimum to the maximum diameter. The outer periphery of the drum is plated with steel plates, ½ in. thick, riveted to the main and intermediate frames, with side flanges formed of angle steel, 5 in. by 4 in. by ½ in., and in the centre a groove of channel steel, 12 in. by 3½ in. by ½ in. is riveted to receive the brake blocks. The whole of the frames and side discs are secured to the side bosses by turned bolts and between the bosses are eight pairs of cast iron quill stays, with eight through bolts, 2 in. in diameter, tightening the whole structure firmly together. The engines have 45 in. cylinders by 7 ft. stroke, the load, we understand, being 4 tons of net coal and the depth of pit 763 yards.

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SALE OF MINING LANDS.

IN THE HIGH COURT OF JUSTICE,
(Queen's Bench Division.)

*In the Matter of the Winding Up Act and Amendments thereto; and
in the Matter of the Austin Mining Company (Limited).*

SEALED TENDERS addressed to Peter Larmonth, Liquidator of the Austin Mining Company, Ottawa, Ontario, will be received up to two o'clock in the afternoon, on Monday, the Eleventh day of February, A.D., 1895, for the purchase of mining locations A, B and C, on the north side of Echo Lake, in the Garden River Indian Reserve, as laid down on a plan thereof dated September 3rd, 1874, filed in the Indian Branch of the Department of the Interior at Ottawa, containing six hundred acres more or less.

There are said to be valuable mines of copper on this property.

This property will be sold subject to the standing conditions of sale of this Court, and the highest or any tender will not be necessarily accepted.

For further particulars, apply to Peter Larmonth; Messrs. Mac-Cracken, Henderson & McKay, Barristers; and Messrs. Gormully & Orde, Barristers, Ottawa.

Dated the ninth day of January, A.D., 1895.

(Sgd.) R. B. MATHESON,
Master at Ottawa.