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 Hamilton, W. L., Mgr. Leitch Collieries, Ltd., Passburg, Alta.
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 Little, B. P., Box 1439, Vancouver, B. C.
 MacMillan, John H., Mgr. Royal Collieries, Lethbridge, Alta.
 McLaren, Geo. R., Box 247, Perth, Ont.
 Mavor, Sam, 47 King St., Bridgeton, Glasgow, Scotland.
 Meek, H. C., Supt. Crean Hill Mine, Crean Hill, Ont.
 Muller, Alfred, Canadian American Coal and Coke Co., Frank, Alta.
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 Oliver, Chas. E., Dominion Mine Corporation, Hedley, B. C.
 Ramsay, J. D. 1305 Trader's Bank Building, Toronto, Ont.
 Rennie, Jas., Mgr. Casey Cobalt Silver Mining Co., Ltd., Box 88, Cobalt, Ont.
 Robert, L. P., West Canadian Collieries, Blairmore, Alta.
 Stilwell, Geo., Mgr. Hewitt Mine, Silverton, B. C.
 Stovel, Jas. H., Supt. Cobalt Central Mines, Cobalt, Ont.
 Taylor, R. F., Supt. Nova Scotia Mine, Cobalt, Ont.
 Thorne, Stuart M., Supt. Silver Leaf Mining Co., Giroux Lake, Ont.
 Watson, Chas. E., Mgr. Chambers-Ferland Mining Co., Cobalt, Ont.
 Whitto, E. P., Mgr. Standard Lethbridge Coal Co., Lethbridge, Alta.
 Woolsey, Wm. J., Thetford Mines, Que.
 Wright, Sidney B., Supt. Deloro Mining and Reduction Co., Deloro, Ont.

Associates.

Castleman, S. J., Box 1162, Vancouver, B.C.
 Dempsie, E., Mgr. Maple Leaf Coal Co., Bellevue, Alta.
 Jemmett, D. L., Mgr. Northern Canada Supply Co., Cobalt, Ont.
 Richardson, Chas., Box 161, Haileybury, Ont.
 Skill, Albert, Mining Recorder, Elk Lake, Ont.
 Smith, A. A., Mgr. Badger Mine, Box 751, Cobalt, Ont.
 Wheaton, W. A., Mgr. Royal Bank of Canada, Cobalt, Ont.
 Wilkie, John B., Royal Collieries, Ltd., Lethbridge, Alta.

Students.

Campbell, Angus D., c-o O'Brien Mine, Cobalt, Ont.
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THE RAND A GREAT MINING MACHINERY MARKET.

According to the President of the Johannesburg Chamber of Trade, the value of the machinery and stores consumed by the mines and works in the Transvaal during 1908 amounted to almost nine and a-half millions sterling, an increase of £930,000 over 1907. Only about £300,000 was imported direct by the companies, the remainder being obtained through local firms. Practically all the principal manufacturers of mining machinery in the world are represented on the Rand through their agents. The manufacturers are kept in close touch with the consumer. The engineers and managers are regularly informed as to the developments which take place in the design and manufac-

ture of special machinery, tools, &c., and the manufacturers are kept fully advised of the requirements of this important market. This is done to a degree that would be impossible through any other source than that of the manufacturers' own representatives.

Mr. Niven, the President, added:—"It must be remembered that we are living in times of extraordinary and rapid advancement in technical matters, and the mining engineers and managers have neither the time nor the opportunity of closely following these. The local merchant or agent, however, makes it his business to do so; that is one of the reasons for being here, and if no other object were attained than that I have indicated, then I say he has justified his existence as a most important factor in the development of this huge industry. There are, however, other reasons why any change as suggested would not be in the best interests of the mines. Few manufacturers abroad, if any, will undertake to deliver goods in Johannesburg or on the mines, 6,000 miles away. They require payment in full for goods supplied, against bill of lading in London, and will accept no responsibility after shipment has been made. If, on the arrival at destination, as not infrequently happens when orders are sent direct, the goods are not up to specification or are from any reason unsuitable, the mine has no redress, having already paid for them, and the result is trouble, inconvenience, delay and loss. This does not occur where orders are placed locally. The firm here takes good care that their principal supply is exactly what is wanted. They are responsible for delivery in good order on the mines, and up to the time promised; and the mine authorities have someone here on the spot to whom they look for the due fulfilment of the contract. I am sure that the men who control the mining industry, as well as the engineers and managers, would be the first to acknowledge that the position is as I have stated it, and I think we need have no fear that any change in this respect is ever likely to take place."

MINING IN ATLIN, BRITISH COLUMBIA, 1898-1908.

In the July Quarterly Bulletin of the Canadian Mining Institute, Rosalind Watson Young, of Victoria, B.C., writes interestingly of mining in Atlin.

During the past ten years (1898-1908) about six million dollars has been obtained from streams draining an area of less than fifteen square miles. The Provincial Government levies a tax of two per cent. upon all outputs exceeding two thousand dollars. Each year a great deal of gold passed out of Atlin without being declared for royalty, and without being in any way recorded. Hence the following figures are merely approximations.

Output Atlin Mining Division for years 1898-1908:—

1898	
1899	\$75,000
1900	800,000
1901	450,000
1902	300,000
1903	400,000
1904	440,000
1905	530,000
1906	475,000
1907	455,000
1908	408,000
	200,000
Total	\$4,533,000