

FREIGHT TO LIVERPOOL.

The rates of freight from Montreal to Liverpool vary from 5 to 15 shillings (\$1.20 to \$3.60) per ton of 2240 pounds. 10 shillings (\$2.40) is a fair average, though it may be added that there have been times when a premium has been paid for phosphate to go as ballast, and as the transportation of deals (pine and spruce planks) is beginning to be carried on by steamers, each of which requires 300 to 500 tons of ballast, low rates for phosphates seem assured for the future. In the autumn of 1883 the rates were 7 shillings or \$1.70 per ton.

OTHER CHARGES.

In addition, there are various charges at Liverpool for brokerage, sampling, analyses, etc., which, upon cargo lots of 300 to 400 tons, amount to 2s. 6d. to 3 shillings (60 to 75 cents) per ton. Also a discount of $2\frac{1}{4}$ per cent. is charged; this is equal to 2s. 6d. (60 cents) per ton for an 80 per cent. apatite at 1s. 3d. per unit.

RÉSUMÉ OF EXPENSES.

Tabulating the foregoing charges we have the following estimates of the total cost at Liverpool:

	PER TON.	PER TON.
	£ s. d.	
Mining and "Cobbing,"	1 4 9	\$6 00
Hauling to Railway,	7 3	1 75
Freight to Montreal,	6 2	1 50
Freight to Liverpool,	10	2 40
Brokerage, Sampling, etc.,	2 9	67
Discount,	2 6	60
Totals,	£2 13 6	\$12 92

VALUE OF APATITE.

It has been already mentioned that the average price paid for Canadian Apatite by the English dealers is 1s. 2d. (29 cents) per unit (each per cent.) for 75 per cent. mineral; and that higher grade apatite is paid for at the rate of $\frac{1}{2}$ d. additional for each per cent. above 75. Under ordinary circumstances it can be readily and economically dressed up to 82 per cent. and frequently to between 84 and 85 per