

any circumstance. These unit costs are actual ones made in a period of two years. The paper contains cost sheets of all phases of the work and scores of detail drawings.

It is very very seldom that a company gives out such information as is contained in Mr. Jones' paper. It is a good sign that there is now a greater tendency to make public such valuable data. In this respect the copper metallurgists have long been in advance of others. It is not a mere coincidence that such great progress has been made in the metallurgy of copper.

### FOREIGN WORKMEN IN THE MINES

Many of the miners now in Canada and the United States are Europeans. In some mines a large proportion of the working force is made up of men who are natives of the European countries now at war. Many of these men have already been called home and others are subject to call. More or less disorganization of the working force is sure to follow.

Some of the miners are Austrians, Hungarians or Germans. Many of them are well pleased with conditions in America and out of sympathy with the military madness of Germany. They are displeased with the prospect of having to leave their profitable employment to answer the call of the war lord; but many will go back, if they can, believing it to be their duty. Naturally the Canadian Government will not facilitate the transportation of men who return to fight against Great Britain. It would be perhaps advisable to afford these workmen an opportunity of declaring whether or not they are willing to remain here as peaceable citizens.

There can be little doubt that among the workmen there are a few who are quite in sympathy with Germany's war plans and who will do what they can to damage property or otherwise harm the country. Against these, it is well to be on guard. It is to be hoped that nothing will occur to prove that the precautions already taken by the government are necessary.

Many of the workmen are natives of countries which are allies of Great Britain. These men will be given every facility to return home if they wish to assist in the defence of their countries against German invasion. They should be given first consideration when men are wanted after the war is over.

The war crisis has brought out a number of fine examples of Canadian patriotism. Hamilton Gault has offered to raise a regiment of infantry to the extent of 1,000 men all of whom have seen active service previously. This regiment will likely be known as Gault's Light Infantry, just as at the time of the Boer war another regiment was known as Stratheona Horse.

### YE MARINERS OF ENGLAND

Ye Mariners of England  
That guard our native seas!  
Whose flag has braved a thousand years,  
The battle and the breeze!  
Your glorious standard launch again  
To match another foe;  
And sweep through the deep,  
While the stormy winds do blow!  
While the battle rages loud and long!  
And the stormy winds do blow.

The spirits of your fathers  
Shall start from every wave—  
For the deck it was their field of fame,  
And Ocean was their grave:  
Where Blake and mighty Nelson fell  
Your manly hearts shall glow,  
As ye sweep through the deep,  
While the stormy winds do blow!  
While the battle rages loud and long  
And the stormy winds do blow.

Britannia needs no bulwarks,  
No towers along the steep;  
Her march is o'er the mountain-waves,  
Her home is on the deep.  
With thunders from her native oak  
She quells the floods below,  
As they roar on the shore,  
When the stormy winds do blow!  
When the battle rages loud and long,  
And the stormy winds do blow.

The meteor flag of England  
Shall yet terrific burn;  
Till danger's troubled night depart  
And the star of peace return.  
Then, then, ye ocean-warriors!  
Our song and feast shall flow  
To the fame of your name,  
When the storm has ceased to blow!  
When the fiery fight is heard no more,  
And the storm has ceased to blow.  
—Thomas Campbell.

### COPPER QUOTATIONS.

The refusal of the Engineering and Mining Journal to name copper quotations since the first of August has caused considerable comment and criticism among producers. Copper men cannot recall when such a step was taken before.

The Boston News Bureau knows of transactions in electrolytic during the past week at from 12¾ cents, delivered 30 days, down to 12½ cents cash. Transactions were also effected at 12⅝ cents cash, and 12⅝ cents, delivered 30 days.

The bulk of this business was done in car lots, but there were individual transactions calling for shipment of 500,000 pounds of copper. Delivery for the most part was for August and September, but some October sold at the higher prices.

Inquiry of the Engineering and Mining Journal as to the refusal of that publication to quote daily prices since Aug. 1 brought forth the reply that "retail lots have not been used by us in compiling averages for the past 15 years."

It was called to the attention of the Engineering and Mining Journal that all producers were not con-