

CANADIAN ABRASIVE MATERIALS

Mines Branch Will Investigate Their Occurence and Uses One of the principal functions of the Mines Branch of the Department of Mines Branch of the Department is to carry on field investi-sations of mineral resources to aid in the development of the mining in-dustry. The public generally are illi-finders and a mineral resources and rea-lize neither their importance nor their relations to every day life and occu-pations. True, reports of mineral pro-duction are published annually, and the public has a limited knowledge of such relatively common metals as gold, silver, iron, or copper, or such non-metallic materials as coal or lime-stone, since these products play an important part in Canada's economic iffs. Many of the minerals that are sensitial to industry are almost totat, y unknown to any but specialitat. De group of these are the natural brankness ench as the total the same very grindstones and burrstones to the value of \$452,899 were imported to the value of \$452,899 were imported to the same the same to the same very grindstones and burrstones to the public for the same the natural in the public has a time to the same to the same to the same to the stone, since these are the natural to many the specialitat. Mines Branch Will Investigate Their Occurence and Uses

ly unknown to any but specialists. One group of these are the natural abrasives, such as tripoil, sandstone, garnet, or corundum, without which many of our manufacturing industries would be at a standstill. It is true excellent artificial abrasives are em-ployed in many industries, but these are all made from natural mineral products. There are some opera-tions for which natural abrasives are blest suited. During the present tions for which natural abrasives are best suited. During the present summor one of the mining engineers of the Mines Branch staff, Mr. V. L. Eardley-Wilmot, is conducting an in-vestigation into the location of de-posits, possibilities, uses, and methods of development of the various natural abrasive materials which are found in Canada; he is also inquiring into the processes employed for preparing these materials for market and will study the requirements of the manu-facturers using this class of materials.

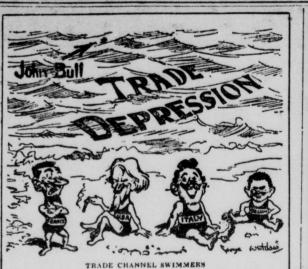
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purpstones could be produced in Canada. In addition to grindstones, whetstones and scythestones are made from natural sandstones. In 1921 there were 1,281 tons of abrasive stones, valued at \$64,607, produced and sold by quarrymen in Nova Scotia and New Brunswick. In the same year grindstones and burrstones to the value of \$452,899 were imported chiefly by the paper mills and flour mills.

mills. Garnet is a natural mineral, slight-ly softer than corundum, which is used for making polishing powders, wheels, stones, and polishing or smoothing cloths or papers. It has been produced commercially in small quantities from Hallburton County, Ontario, and large deposits, as yet un-developed, occur in the Muskoka region. Artificial Abrasives.

sive papers, such as sand paper, gar-net paper, and others. The investigations undertaken by the Mines Branch will undoubtedly aid in broadening the market for native abrasive materials, and they will also make available to Canadian manufac-turers and users of these products much information about these ma-terials, their properties, and uses. Minard's Liniment for Dandruff.



(Great Britain is the only country attempting to pay its debts and the only country struggling with trade depression).

Days.

Some days one touches lightly As seagulls touch the foam, Finding no joy, for dreaming Of joy that is to come.

Or luring ghosts of laughter Down dim forgotten ways

To-day I have lived deeply, On currents strong and free As those that sweep the ocean This day has carried me.

A faint receding shore, And somewhere lurks to-morrow An island to explore.

Where Yesterday is only

Where light winds stir the ashes Of buried yesterdays.

A Fallen Planet?

A trainer funct: Astronomers have long known that between the orbits of Mars and Jupi-ter a large number of tiny planetary bodies revolve round the sun. Some of these have a circumference of but a few miles. In addition, there are countless bil-lions of what might be called meteoric stones hurtling round the sun. These are constantly entering the earth's at-

-John Bull (London).

are constantly entering the earth's at-mosphere and being burnt up by the friction much more completely than the moth that flies into the candle

flame. Has one of the small planets ever entered our atmosphere and landed on the earth without being entirely con-sumed? If it ever did, it was long ages before man appeared upon the earth, for the impact of such an out-sider would cause an earthquake in-dead.

deed. However, in Arizona there is a curl-ous eminence called Coon Butte which rises about 150ft. above the plain. At the top is a depression or crater 4,000 ft. wide and about 150 ft. deep. Scat-tered far and wide around this hill are fragments resembling meteoric iron which contain microscopic diamonds and many curlously-shaped boulders. It is suggested that this hill was formed by the impact of a gigantic body from the outside, and mining operations are to be started with a view to discovering whether the view to discovering whether theory has any foundation in fact. the



Traffic Cop-"Didn't you see wave to you? Why didn't you stop Miss Passay (pleasedly excited)-didn't see you at all, officer! No what is it?"

Minard's Liniment Heals Cuts. Impossible.

The wife was greatly pleased with her success at the women's meeting. On her return home she said to her husband: "Yes, I was absolutely out-spoken at the meeting this afternoon." Her husband looked incredulous. "I can hardly believe it, my dear," he said. "Who outspoke you?"

Even deep-seated rust on steel or iron can be removed by applying a coat of unsalted lard, then dusting over this very fine powdered line and letting it remain until rust disappears.

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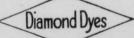
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