## VICTORIA SEMI-WEEKLY COLONIS TUESDAY DECEMBER 16 1902

## Prepared

Unconfirmed Report That Venezuela Will Resist Britain and Germany.

To Fight

Little War Vessels Seized Have Been Sunk by the

A character was appured at the user, where sum, but the twee approximater of the lines of the lines of an import of the sum of the origination of the sum of the su

THE BEET RC SUGAR IND

> **Description** of the **Completed** at I Ontario.

> > From Toronto Globe.

The Ontario Sugar Con at Berlin has been c in full operation, the 1,000,000 po ada consumes Six months ago menced; today ti terpiece of industriation four months ago th was put up; today ial; averaging 50, a dead weight o material, is incomplant that is appa struction. Eve levice seems The farmer un load of beets i again touched sugar is rolled It is difficult tude of the inc the process. white brick, on ing the Grand factory are 350 feet in 1 8.000 tons of bott sloping botto beneath, about deep, covered vey beets to moved: the sion, drop three ried quickly stream which arrangement of most perfect on The beets are f the water and ing machine, w mmense whe side of its per: them and dum chain of bucket the automatic sca beautiful piece of when it contains 1,00 roar the 1,000 pounds the cutting machin sliced into V-shaped thickness of large m from the cutter is a from the cutter is a in the ceiling below end connects in tur fourteen cells of a These "cells," which each 2<sup>1</sup>/<sub>4</sub> tons of slic 6 1-10 minutes to quantity. In the jected to a water to the inch, and thus extracted, over a quart. sion battery flows and thence to th tanks of moderate saturated with ated by the bur pany's kiln and the carbonators pumps, through there are th layers of heat flows from stream, and somewhat simila phuric acid gas, i phur. Then it goe and thence to the ev square boiling tanks construction.

The first evaporator waste steam from the through coils beneath t in this tank is exhauste about five or six, so that boils at about 96 deg The steam from this boil by suction at the top, a to boil the contents of t means of coils simila the first tank. In t the first tank. In the greater vacuum and point, and so on, until orator the temperating rees centigrade, the view about 1.475th of its from the evaporator "strike pan," where sugar. It flows from great heavy mass while great heavy mass with a series of pr ing it, called the n it drops through th fugals, where the r on the same princi arator. The mol arator. The mola treated again, and

er, an immense revolvin emits the pure white sug-ready for shipment or great warehouse at the er-ing remote from the bewhole process occupi The molasses thrown gals are placed in wi tallizers, great tanks temperature, in which 60 hours, then it return gals, and more first-clas ed. This refuse mola other part of the but through what is called which depends on the up paper, and still more su Then there remain molasses, which is used ture of alchohol, vineg yeast. It is also used cattle feeds who cake it etc., and make a palata All the refuse from th use in some form. ' diffusion cells is said value about equal to ers are permitted charge, either as it or from the company really a fair-sized field wood-faced embankmen akso been used successfu sausages, and in New

sausages, and in New 2 used in the manufactu foods. The lime from presses is of material va In addition to the main factory, there is a ma house and a modern which are separated building by a railway 1 complete pumping statis

building by a ranway in complete pumping statio that supplies the 4,000, water used daily in the fi The factory opens un(

for acres of beets that tons, are men of exc kind of work, thrifty intelligent. The proc course, sometimes

able couditions. The seen the beets as del have never handled b regard to purity and farmers of the neigh

contracted

thought that more farme hired men, and the difficult so great. It is interesting in this notice the manner in which bulled. A man with two root digger along each row, ground on each side and by Then boys or men pull otherwise almost immovab heavy knives, most of the they knives, most of the off the tops of the beets, of that has not been covered as there is no sugar in the of the root. The tops at field and plowed under of their manurial value.

numbers of hands ar times. Just now, for ly important to h beets as quickly a local help available company have be over 100 Indians reserves and now the Chinamen from Mon cent. of the crop has company has at roblem for this yea