## GEOLOGICAL SURVEY OF NEWFOUNDLAND.

unfavorable weather during the early part of the season, followed later on by the burning of the plant of the Newfoundland Brick and Tile Co. at Elliott's Cove which materially affected the output. The demand for the local product is on the increase; the quality has much improved, and the time is fast approaching when there will be no further necessity for importing, at least the ordinary baked brick at all.

Gold mining, per se, may be said to have fairly commenced within the year. Although the results to date are not all that was expected, still it has been demonstrated that gold exists, not only in the baser metals, but also in quartz-leads, in a free state, and at least in one instance in the form of placer deposit. The Sop Arm mine, White Bay, is the only one that has so far shown an output worth recording. Goldenville, near Ming's Bight, where the gravel and surface deposits are being treated by washing, has not turned out a success, but it is believed that much of the exceedingly fine gold of this locality is lost by the crude methods adopted in recovering it. Be that as it may, the first washings made in the previous year were certainly of a very promising character.

The mine at Cinq Cerf Brook is chiefly a copper proposition, and contains a very rich class of ores, consisting of bornite, erubescite and chalcopyrite, disseminated through a band of quartzite rock mixed with chloritic and talcose slate. Free gold in the form of small nuggets was occasionally come across embedded both in the copper ores and quartz rock. It does not appear, however, that the precious metal is in sufficient quantity to constitute a gold mine, yet almost every specimen so far tested showed its presence, from mere traces up to values of \$6.00 or \$7.00 per ton. At best, in its present stage of development, it can only be classed as a low grade ore. As yct only portions of the surface have been stripped of its over burthen and a few shallow pits sunk along the outcrop, but nothing that could be considered a fair test of the property has been accomplishd. More recently a large quartz vein charged with copper pyrites and zinc blende has been discovered on the property, which has a very promising appearance.

Although the operations of the Newfoundland Petroleum Co. at Parsons' Pond have not arrived at the productive stage, there is every reason to hope that ere long petroleum will figure largely in