

a fine, wavy structure. All are greatly disturbed, and several small quartz, epidote and feldspar veins intersect them, especially near the base. Beyond the N. W. River crossing the rock outcrops are not so frequent, yet the same series continue to shew themselves occasionally nearly up to Pitts' Pond, being no doubt frequently repeated by undulations. Nothing similar to the jaspilites south of Clode Sound was observed on this side.

Approaching the Terra Nova River, the country is low and covered with a deep, sandy soil, which effectually conceals the rock formation for a long distance. A belt of coarsely-crystalline pegmatyte granite, about half a mile in width, strikes up and down the river valley, and is well exposed just at the point where the railway bridge spans the river. It consists of several varieties, including some very handsome ornamental rocks. One is a black and white hornblende syenite, which affords a pretty appearance. Another, composed of large, yellowish-colored crystals of feldspar, white quartz, and a small proportion of black mica, presents a peculiar and most attractive-looking stone when polished, unlike any granite I have previously come across. It might be called a cinnamon granite, from the prevailing yellow color. Flanking this belt of granite on the north, though not seen in actual contact, a bluish graywacke is found dipping S. 16 degrees E., angle 67 degrees. This is in turn overlaid by a dark, bottle-green chlorite schist which, towards the top, becomes very fissile, breaking into fine, flakey particles, and has a very decidedly serpentinous aspect and soapy feel. It might be termed an impure, slaty serpentine. These rocks seem to hold the surface over a considerable area of country, being no doubt frequently repeated by undulations and disturbances, which latter are indicated by the presence of several small, intrusive greenstones and porphyritic dykes, which are seen to intersect them. In some instances these intrusive layers are apparently interstratified with the graywackes. One or two small outcrops of a dull-grayish or yellowish, nacreous slate similar to that seen near N. W. River of Clode Sound, were seen to underlie the graywacke in such manner as to lead to the conclusion that the latter, with the accompanying dark-green chlorite slate, forms the uppermost portion of the series.

About midway between Terra Nova River and Maceles Pond they are again seen to rest upon a belt of dark grayish and greenish,