

quids, which, as already referred to, present pebbles derived from the hills they rest on ; and of the New Glasgow conglomerate presenting a similar agglomeration obviously from a source close at hand.

The position of the carboniferous conglomerates lying on the south flank of the Cobequid Mountains presumably favoured their being composed solely from them ; the distance of the New Glasgow conglomerate from any source of admixture to the north presumably gave it its distinctive character.

If then in a district lying some distance to the south, both of the Cobequids and of the measures lying immediately south of the New Glasgow conglomerate, a beach deposit occurs having, in addition to its proper and immediate derivative component parts, a considerable percentage of foreign drift boulders it may be presumably inferred that at a date previous to its formation, erosive, denuding, and transporting facilities existed, whose aid may require to be invoked to account for this admixture in a deposit which, as shown, would under ordinary circumstances have been expected to be normal, *i. e.*, composed exclusively of local material.

If the Gay's River conglomerate had added to it triassic, and carboniferous pebbles it would pass as a modern drift or beach, if regarded from the standpoint of its composition without reference to its position as a member of the lower carboniferous horizon. Taking away from a modern drift or beach the triassic and the carboniferous boulders and pebbles, there remains the substance of a Brookfield conglomerate, formed at the base of the Carboniferous and presenting a parallel facies, suggesting similar operations of nature as preliminary to its aggregation.