

7RS. 113-114

**BRICK-MAKING MATERIALS AT  
"BOWENWOOD" KINGSTON**

by F. Blake.

The owner of "Bowenwood", Mr. W. C. Hodgman, requested an assessment of the quantity of brick-making materials covering a small area of this property.

The property is situated one mile north-west of Kingston on the east side of Summerleas Road. From the latter a gravelled road leads within half a mile to a bridge crossing Browns River. The deposit is located quarter of a mile north of the bridge and is connected thereto by an unmade road.

The deposit occurs along the top of a gently sloping ridge dividing Browns River and Dunns Creek, rising 200 feet above the former stream at the bridge.

The rocks in the area comprise the Knocklofty Group of the Triassic and consist of thick beds of siliceous sandstones interbedded with thin layers of light coloured shales, dipping at 3° to the south-west. The brick-making materials are the weathered and softened members of these rocks now in the form of loosely consolidated sands and clays, extending to varying depths below the surface of the ridge top.

The sands and clays are exposed below one to two feet of soil in an operating pit and several other openings with an average thickness of three yards over a surface area 500 yards by 150 yards.

The partly proved surface reserves of brick-making materials, which are easily removable by bulldozer and loaded directly to trucks are calculated at 225,000 cubic yards. Further potential reserves of similar material exist below the depth as indicated by the surface openings.