

below Eganville. The flat lying beds of the paleozoic limestone which outcrops at this point are used for this purpose. Large quantities of quick-lime produced at these kilns have been shipped as far as Toronto.

#### BONNECHERE VALLEY ABOVE EGANVILLE.

The boulder clay soils do not extend very far west of Eganville but become merged into sandy types, the soils becoming more sandy and gravelly going westward, except in the wide flat portion of the valley between Golden lake and Round lake. This part of the valley is underlain by silt, and is productive and permanent farming land, but is restricted

Killaloe station on the Grand Trunk railway, 16 miles west of Eganville and near the south shore of Golden lake is a small local trading centre, but the most of the business of this part of the valley is tributary to Eganville.

#### RAILWAYS.

A branch of the Grand Trunk railway coming westward from Montreal through Ottawa enters the Bonnechere valley at Renfrew. This line, originally known as the Canada Atlantic, was constructed during the years 1892-97 for the purpose of assisting lumbering operations in the highlands between the Ottawa and Muskoka waters, and also as a link in



Fig. 4. Wilno station on the Grand Trunk railway. The bare hills are mounds of fluvio-glacial sands and gravels unfit for the cultivation of crops.

height of 400 feet above the water borders the northern shores of the two lakes and the intervening in area. A steep walled escarpment rising to a silt plain. The extensive upland north of the escarpment is composed of solid granite gneiss ridges without a particle of limestone and absolutely bare of soil. It is one of the most repellent and barren districts in the region, now that it has been denuded of its forest covering.

A few settlers endeavor to cultivate the sandy and gravelly lands around the shores of Round lake, but settlement practically ends here. The few habitants who live west of this depend largely on the chase of the fur-bearing and other animals which incautiously venture outside of the sanctuary of the Algonquin Park.

a grain carrying route from the west having a terminus at a port on the Georgian Bay.

There is an easy grade up the bottom of the Bonnechere valley but on leaving the valley to go westward the escarpment presents serious difficulties to railway construction. The highland is reached, however, by taking advantage of a gap or depression, known as the Hagerty pass, which occurs just west of Golden lake.

This pass is about 300 feet lower than the general elevation of the upland. Its sides are lined with a series of mounds and ridges of gravel and sand of glacial origin, between which there is room for a railway line (fig. 4). The railway line leaves the valley bottom at Killaloe and reaches the summit of the pass two miles west of Wilno station (fig. 1).