

### Notes on a sinuous till-cored ridge, south-east of Schefferville



*Photo 1* Photograph illustrating sinuous till-cored ridge. Arrow indicates location of pit 27.

#### *Introduction*

While carrying out studies 40 miles south-east of Schefferville, Québec, a curious till-cored sinuous ridge of glacial origin was encountered about one-half mile east of the southermost part of Shoal Lake, Labrador (lat.  $54^{\circ}15'N$ , long.  $66^{\circ}6,5'W$ ). The feature has been described elsewhere by the author (Cowan 1966, 1967) in conjunction with some other minor till-cored features which were called till-cored esker-like ridges. It is now felt that the features are dissimilar (the others being minor flutings of the ground moraine) and that the present feature should be called something other than esker-like, although it was first mapped as an esker by the Iron Ore Company of Canada. Although scarcely more than a sinuous tonal feature on 1:35 000 scale air photos, it would probably be mapped as an esker without groundknowledge.

The ridge was highly sinuous, 8 to 10 feet high, and had a symmetrical profile with both slopes about 15 degrees. The ridge was followed throughout its sinuous course (about one mile with an overall northwest-southeast trend) and towards its northernmost end the numbers and sizes of surficial glacial erratics increased considerably (the largest being about 10 feet in its greatest diameter). These erratics reflected the local bedrock with a volcanic conglomerate being the most prominent; the increase in size and frequency was attributed to an outcrop one half mile to the north.