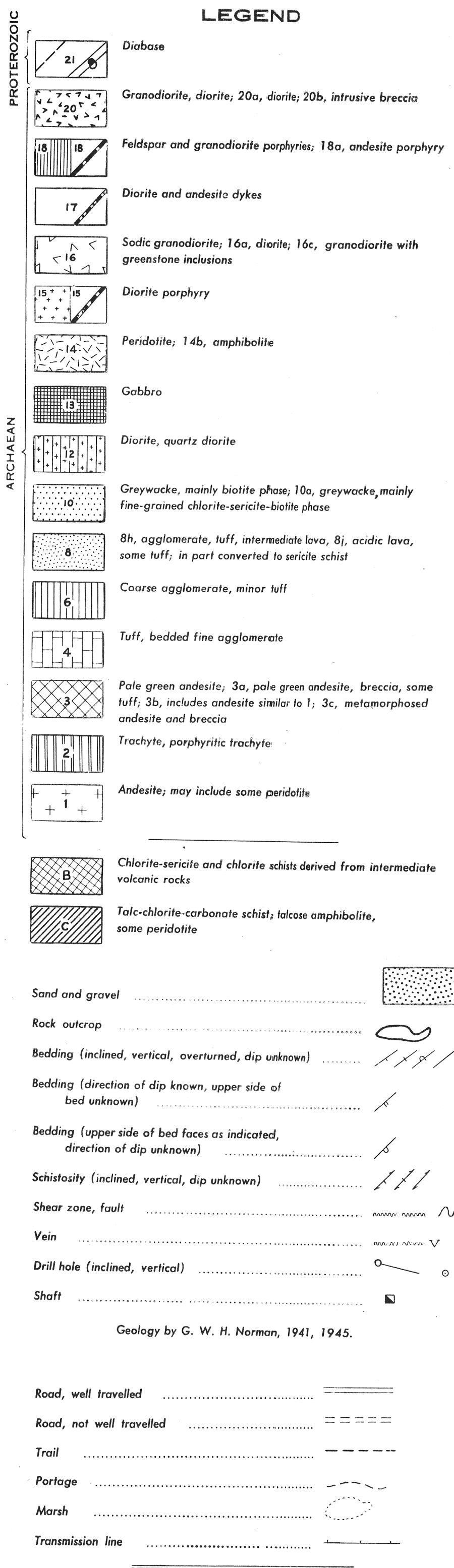


*Lac Dubuisson*  
(L. de Montigny)

*Lac Blouin*

LEGEND



**NOTE 1.** An attempt has been made to set up a uniform system of rock classification for Dubuisson, Bourlamaque, and adjoining townships by dividing the rocks into 21 map-units, which will not all occur in any one quarter-township.

Use of the group terms Cadillac, Blake River, Kawagami, and Malartic is discontinued because they accentuate the problem of lithological correlation and involve several structural assumptions that cannot be proved. Instead the terms Timiskaming and Kenawatin (Abitibi) will be employed with the assumption that the unconformity between these rock series in the Rouyn district also occurs in the eastern part of the Rouyn-Val d'Or gold belt, but without assuming any time equivalence of the rocks either above or below the unconformity with those of other districts.

The intrusive rocks of the region are believed to belong to three main groups. The oldest group (12, 13, 14, 15, 16) comprising diorite and quartz diorite, gabbro, peridotite, diorite porphyries, and sodic granodiorite, may be in part pre-Timiskaming. The syenite-granodiorite group (19) of Bourlamaque township and the granite-granodiorite group (20) are post-Timiskaming and probably pre-Cobalt. A syenite-granodiorite group (similar to 19) is cut by pegmatite of a granite-granodiorite group (similar to 20) in LaMoite township, 20 miles northwest of Val d'Or. The feldspar porphyries are of several different ages and types, most of which are allied either to the syenite-granodiorite or granite-granodiorite groups; a few belong to the oldest group.

**NOTE 2.** The acidic lava, tuff, and sericite schist (8i) may be the western continuation of trachyte (8g) or sericite schist (A) of Northwest Bourlamaque.

*Lac Lemoine*

PRELIMINARY MAP 46-21  
**NORTHEAST DUBUISSON**  
ABITIBI COUNTY  
QUEBEC

Scale: 1 inch to 1000 feet



Surveyed and compiled by the Topographical Survey.  
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