GEOLOGICAL ROAD LOG FOR SASKATCHEWAN HIGHWAY 2:
LA RONGE TO REINDEER LAKE

by

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INTRODUCTION

Since the first geological road log along Highway 2 from mile 14½ to 42½ was compiled in 1969, a new by-pass road around the village of La Ronge originally commenced, where the Hudson's Bay store is located. This road is no longer in use as a connection to Highway 2. However, because mileage posts still refer to the original 00 mileage, the new road log will commence from the junction of Highways 166 and 2 at minus 1 mile. A program to straighten out the road north of La Ronge will be carried out in the winter of 1973, thus the log will require revision for the parts affected. Side trips to Anglo-Rouyn Mine and to Nemeiben Lake are also described.

A compilation table for map units along the road has been prepared and a compilation chart of previous workers' map units-road log units is provided for quick comparison. The compilation units are used from mile 42 and to the north and are shown in black. The previous workers' map units are shown in grey for the extent of the road. The geology according to previous workers is shown in grey, except for structure from La Ronge to mile 42, depicted in black.

JUNCTION 166-2 TO LA RONGE VILLAGE

Highway 166 trends sinuously eastward to La Ronge. Many large, fairly clean outcrops of granite gneiss and pegmatite occur sporadically along it. In a few localities, as in the new composite high school yard, remnants of biotite gneiss occur. The strike of the rocks varies from northeast to east, with steep dips north and south. Many secondary foliations transect the dominant gneissose structure. Locally, open, steep, southwesterly-plunging folds occur, commonly with associated boudinage of pegmatite sills and dykes. In one locality, on the north-trending road east of the D.N.R. building, a small-scale southwest-trending fold is cross-folded by a northwest-trending fold.

HIGHWAY 102 NORTH

-1.0

Highway 2 trends north from the junction, past native houses and granite gneiss-pegmatite outcrops, located to the right. Near a large outcrop of similar rock on the left, the highway swings east-northeast, past sporadic outcrops of similar rock that occur to the right (south) of the highway. Muskeg and drift areas to the left.