



**EAGLE CREEK OPAL OCCURRENCE
(93K/4W)**

By T. G. Schroeter

INTRODUCTION

The Opal 1 and Opal 2 claims (which cover the Eagle Creek opal occurrence, Mineral Inventory 95), located approximately 6.5 kilometres west of Burns Lake, were examined on October 12, 1984. The assessment was at the request of the village of Burns Lake and District Chamber of Commerce to create a No Staking Reserve to protect an area with agate and opal occurrences from future staking of mineral claims so that the public can utilize it as a recreational area for the purpose of 'rock hounding.'

The area is accessed by a well-identified and well-kept walking trail, approximately 4.2 kilometres in length (see Fig. 57). Walking time to the collecting area is approximately 1 1/2 hours each way.

PROPERTY GEOLOGY

The property is underlain by flat-lying vesicular to amygdaloidal basalts of the Endako Group (Oligocene and Miocene age). Outcrops are restricted to creek valleys and locally include hoodoo structures. Elongated (up to 7.5 centimetre) and rounded leaf green agates occur in vesicles within the basalt. White and amber agates (up to 5 centimetres in diameter) and rare opals - including fire opals - have been reported.

RECOMMENDATIONS

It has been recommended that the principal areas of known agate and opal occurrences be protected by a *No Staking Reserve*.

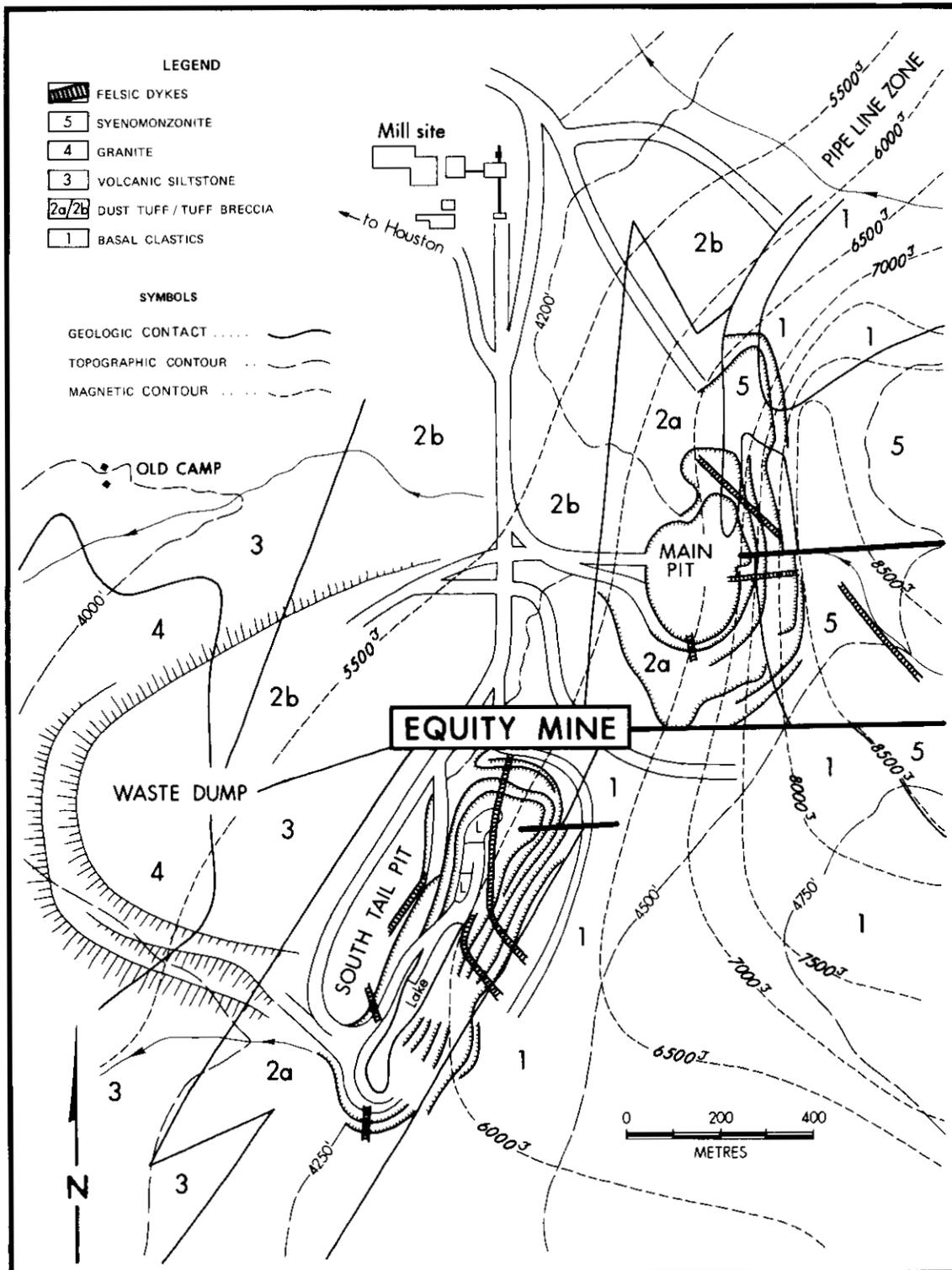


Figure 58. Geology of the Equity minesite.