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Report on Cretaceous fossil from the core of Chevron - SOBC Whitefish YTI-05 well, northeastern Eagle Plain, Yukon submitted by Dr. F.G. Young, Geological Survey of Canada on February 17, 1975. (NTS-116P 3-4)

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Identifications

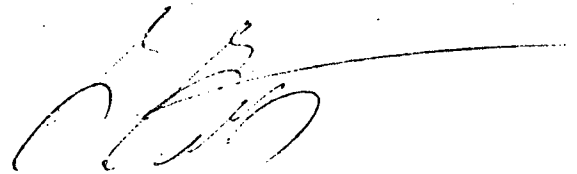
Field No. -

GSC loc. C-38252

From: "Chevron - SOBC, Whitefish YTI-05 well. Core #3, depth 4458 feet. Appr. Lat. 67°13'; Long. 137°20'."

Aucellina caucasica (Abich 1851) s. lato (one large, fairly well preserved left valve)  
?indeterminate pelecypod

Age and correlation. Late Barremian to Aptian in terms of the international standard stages and from some part of Aucellina aptiensis-Aucellina caucasica zone of Arctic Canada (see Jeletzky, GSC Paper 59-14, p. 16-17; GSC Paper 64-11, p. 64, pl. XVIII, figs. 5A, 5B, corr. table 1). Aucellina caucasica s. lato ranges from the upper part of the Upper member of the Upper shale-siltstone division to the top of Upper sandstone division. This index fossil is equally common in the predominantly argillaceous "western facies" of above mentioned units throughout northern Yukon (see Jeletzky, GSC Paper 74-10, p. 17 and unpublished data). Therefore, it is impossible to say whether the lot No. C-38252 was collected from beds equivalent to the upper part of the Upper member of the Upper shale-siltstone division (i.e. upper Barremian) or from those equivalent to the Upper sandstone division (i.e. Aptian).



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Western Paleontology Section  
Ottawa, February 18, 1975

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