

6/9/75
 Micropaleontology report on 8 well and outcrop samples from Eagle Plain and Richardson Mountains, Yukon Territory submitted by Dr. F. G. Young (NTS 116I, 116P).

The relevant parts of any manuscript prepared for publication that paraphrase or quote from this report should be referred to the Paleontology Subdivision, Calgary, for possible revision.

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STAFF USE ONLY

Depth	Locality, Fauna and Age	GSC Loc. No.
2415-2470 ft., core	Chevron S.O.B.C. WME Pine Creek Y.T. O-78 $66^{\circ}57'53''N$, $137^{\circ}58'58''W$, NTS 116I Foraminifera: <i>Ammodiscus</i> sp. (1) <i>Haplophragmoides</i> sp. <i>Verneuilinoides borealis</i> Tappan? (1 small specimen) <i>Gaudryina tailleuri</i> (Tappan)? <i>Lenticulina</i> spp. - small forms Radiolaria (pyritized): <i>Stichocapsa</i> sp. ? <i>Lithostrobos</i> (<i>Lithostrobos</i>) sp. <i>Dictyomitra</i> (<i>Dictyomitrella</i>) sp. age: early to middle Albian (the radiolarian assemblage is similar to one present in the Loon River Fm. of northern Alberta).	C-38248
2535-2550 ft., core	Foraminifera: <i>Ammodiscus</i> sp. (2 specimens) <i>Haplophragmoides</i> sp. <i>Trochammina</i> sp., small, pyritized - (2) <i>Gaudryina tailleuri</i> (Tappan) ? <i>Gaudryina</i> sp. <i>Lenticulina</i> sp., weathered (1) <i>Saracenaria</i> sp., weathered (1) age: early Albian or older (Paleozoic beds are directly below; residue is sandy and glauconitic).	
2555-2590 ft., core	No microfossils obtained.	
3986-4036 ft. core	Chevron S.O.B.C. WM Whitefish Y.T. I-05 $67^{\circ}04'37''N$, $137^{\circ}15'25''W$, NTS 116P Foraminifera: <i>Reophax</i> sp. (1 specimen) ? <i>Miliammina</i> sp. (1) <i>Haplophragmoides</i> sp. <i>Ammobaculites</i> sp. (1) <i>Gaudryina</i> sp. (1) <i>Lenticulina</i> sp. (2) <i>Nodosaria</i> sp. (1) ? <i>Anomalina</i> sp. (2) indeterminate rotaliid (1) age: uncertain, probably no younger than Albian.	C-38249

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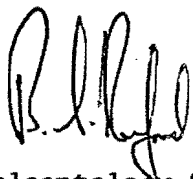
MINERALOGY &
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<u>Depth</u>	<u>Locality, Fauna and Age</u>	<u>GSC Loc. No.</u>
4456-4476 ft., core	Chevron S.O.B.C. WM Whitefish Y.T. I-05 67°04'37"N, 137°15'25"W, NTS 116P Foraminifera: <i>Haplophragmoides</i> sp. <i>Ammobaculites</i> sp. (1) <i>Gaudryina tailleuri</i> (Tappan)? age: indeterminate from microfauna; late Barremian to Aptian based on macro- fauna with <i>Aucellina</i> .	C-38249

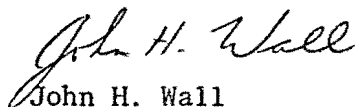
4785-4830 ft.,
core No microfossils obtained.

<u>Field No. & Stratigraphy</u>	<u>Locality, Fauna and Age</u>	<u>GSC Loc. No.</u>
600YA-6, 3750 ft. above ?Upper sand- stone division	Richardson Mountains, Sheet 116P 67°18'30"N, 136°50'00"W agglutinated Foraminifera: <i>Bathysiphon</i> sp., grey, siliceous with dark infilling of tube-dominant form <i>Haplophragmoides</i> sp. rare <i>Gaudryina nanushukensis</i> Tappan? - fragment age: Albian?	C-38250

600YA-10, 11, 5100 ft. above ?Upper sandstone division	Locality, as above no microfossils obtained	C-38251
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Paleontology Subdivision,
Institute of Sedimentary and Petroleum Geology,
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John H. Wall