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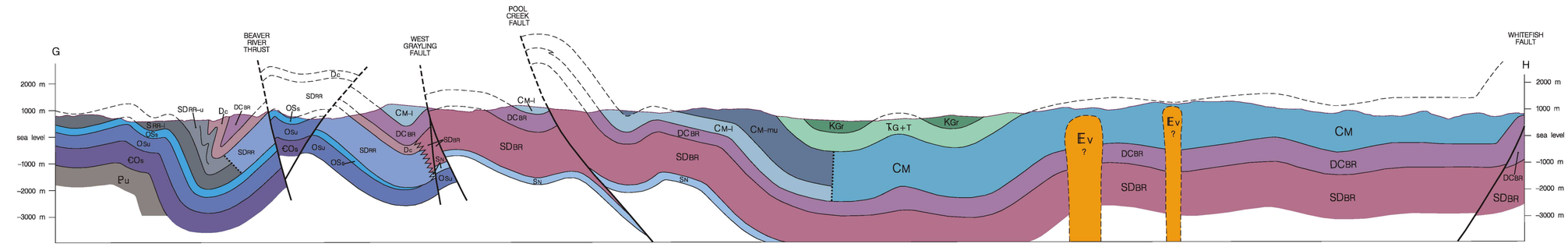
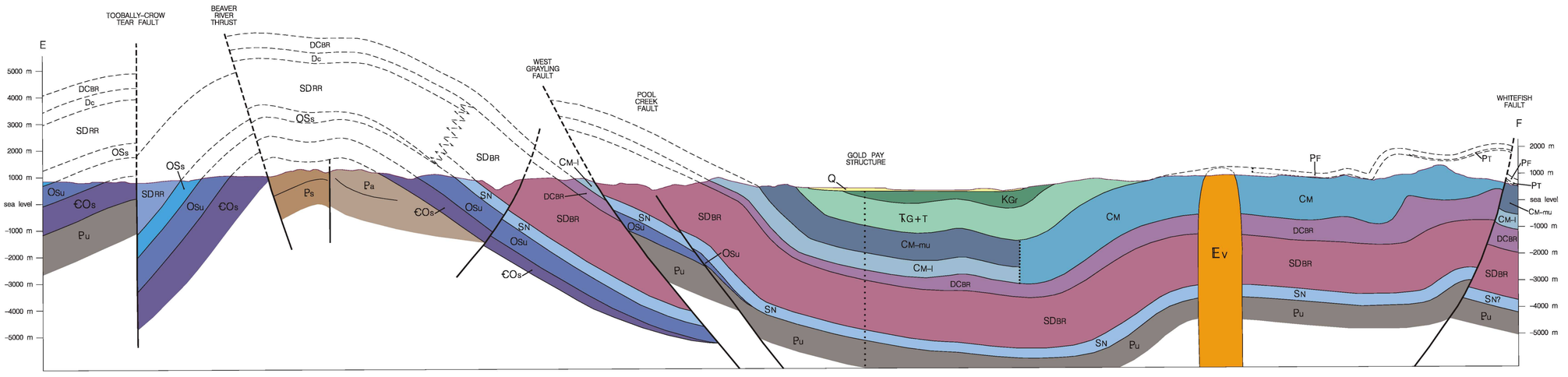
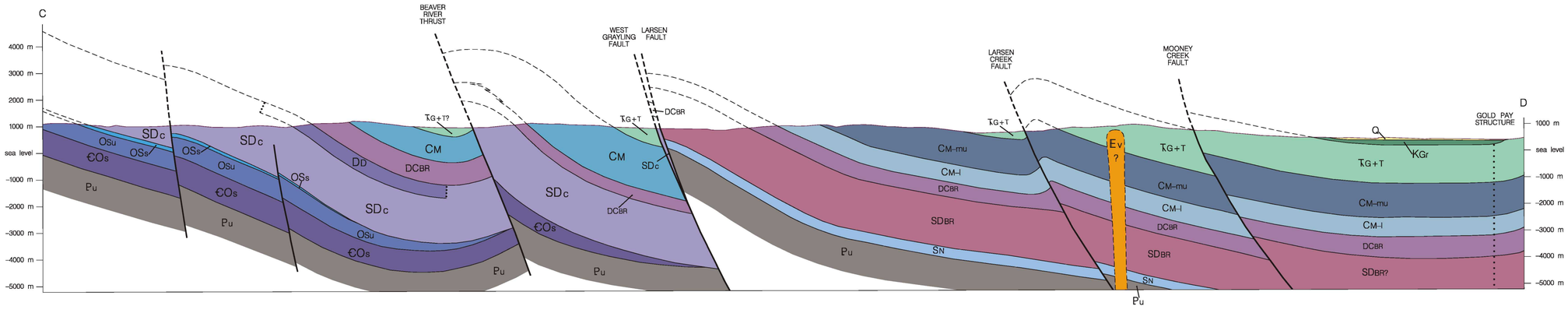
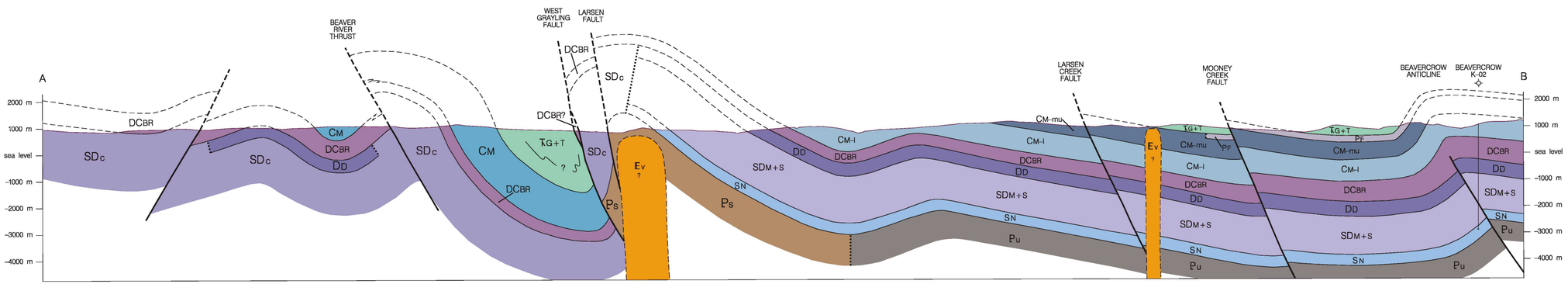
GEOLOGICAL SURVEY OF CANADA / COMMISSION GÉOLOGIQUE DU CANADA









Structural cross-sections to accompany La Biche River southwest (95C/SW) map area.

CROSS-SECTION NOTES:

1. *In section A-B the Beavercrow K-02 well is projected 1200 m south-southwest (along strike) into the line of section.*
2. *Subvolcanic rocks shown in the sections (dashed lines) are interpreted from aeromagnetic anomalies.*
3. *In some parts of the map area, such as the footwall of the Beaver River thrust, folds are oblique to the faults and the line of section. Footwall and hanging-wall cutoffs suggest the faulting largely post-dated folding. The relative timing of folding and faulting, combined with the obliquity of the structures to the line of section, results in an inability to restore some fault panels in the line of section.*
4. *Pre-Paleozoic deformation has resulted in the development of folds and faults within the Proterozoic strata that are truncated by the sub-Paleozoic unconformity. This can be seen in section E-F where two Proterozoic units are folded and juxtaposed against each other beneath Cambro-Ordovician strata.*
5. *The Gold Pay structure, shown on section E-F, is not exposed at surface so its character remains largely unknown. It is inferred to run obliquely through the section and appears at the far right-hand side of section C-D when projected into that line of section. It is similar to the Toobally-Crow tear fault in that it separates structural domains with different folding and faulting characteristics.*
6. *Parasitic folds within the Road River (SDrr) and Devonian carbonate (Dc) units have wavelengths on the order of 100m. They are shown only schematically on section G-H, and are not shown on the map.*

Canada

NATMAP CARTNAT
Canada's National Geoscience Mapping Program
Le Programme national de cartographie géoscientifique du Canada

Scale 1:100 000 Échelle 1/100 000

Kilometres 2 0 2 4 6 Kilomètres

Universal Transverse Mercator Projection
North American Datum 1983
Projection transverse universelle de Mercator
Système de référence géodésique nord-américain, 1983

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YUKON GEOLOGICAL SURVEY

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2004

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