

SLIDE MTN GROUP

Sutherland Brown 1957 & 1963, lithology.

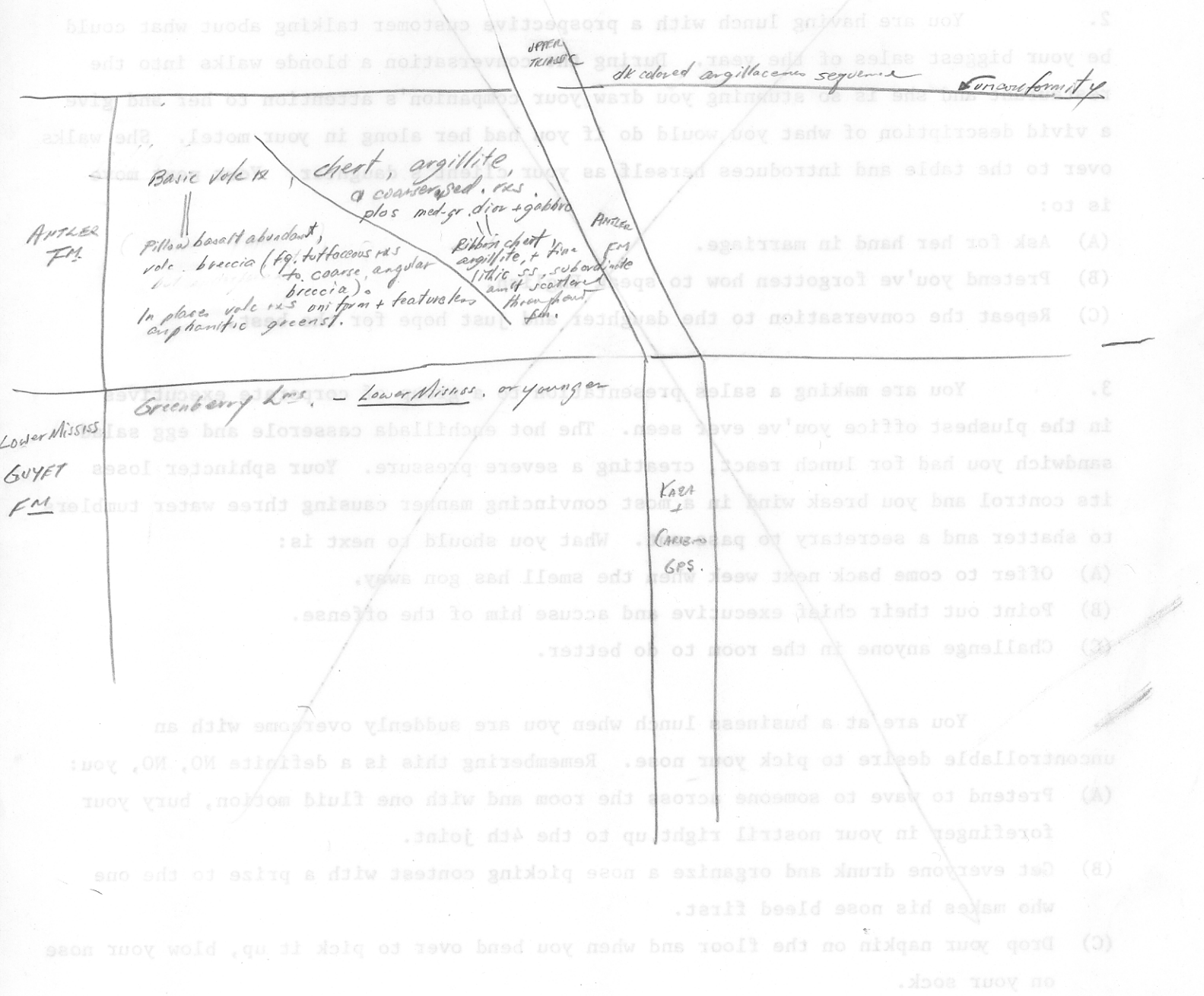
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ANTLER FM

1. characterized by pillow basalt.
2. no easily recognizable marker units and stratification is commonly not visible

contiguously Antler fm
Guyet fm

Antler fm unconformably, contact not clearly exposed (possible fault relationship)
Kaga + Cariboo Groups



FENNEL FM

Lithology 1. Mainly gneiss w/ minor argillite & phyllite, bedded chert, & breccia.

A. Greenstone: (a) med. grey to grey-green, characteristically aphanitic or very fine grained.
(b) consistent minerals rarely visible to naked eye.

c. pillow structures common but not universal feature. The outer parts of the pillows are dark bluish green dense, and minutely fractured. Spaces between broken parts and between pillows are filled w/ chert or chaledonic qtz. The core of the pillows are slightly less dense than the outside, and show concentric rings of much altered greenish amygdules.

B. Breccia: composed entirely of fragments of greenstone (east side of Limicent Cr, 3-5 north of Little Port). Fragments are angular or subangular, up to 5" across. Fragments are closely packed w/ little or no matrix.

C. Argillite + Phyllite: - Dark gray to black argillite and phyllite are interlayered w/ and intruded by the greenstone; restricted to the eastern part of the unit.
- The foliation surfaces have a slight sbeon.
- Fine grained & consists mainly of qtz, white mica, & dusty carbonaceous material.

D. Chert: - Restricted mainly to the eastern part of the Fennel fm.
- It is interlayered w/ gneiss & argillaceous rocks & locally intruded by greenstone dykes & sills.
- Light colored in shades of creamy white, buff, pale to med. grayish green, and med. grey.
(SE of Chamater station - cream white & buff chert resembles, superficially, siliceous aphanitic igneous rock)
Generally beds prominent, 1-6", commonly separated by thin argillaceous partings.

STRUCTURAL RELATIONS: Imperfectly known, unitary over large areas.