

Overall bedding and schistosity readings suggest the sequence strikes generally 330° AMG in the Main Creek area, possibly swinging to 360° AMG to the immediate south and 030° AMG to the north.

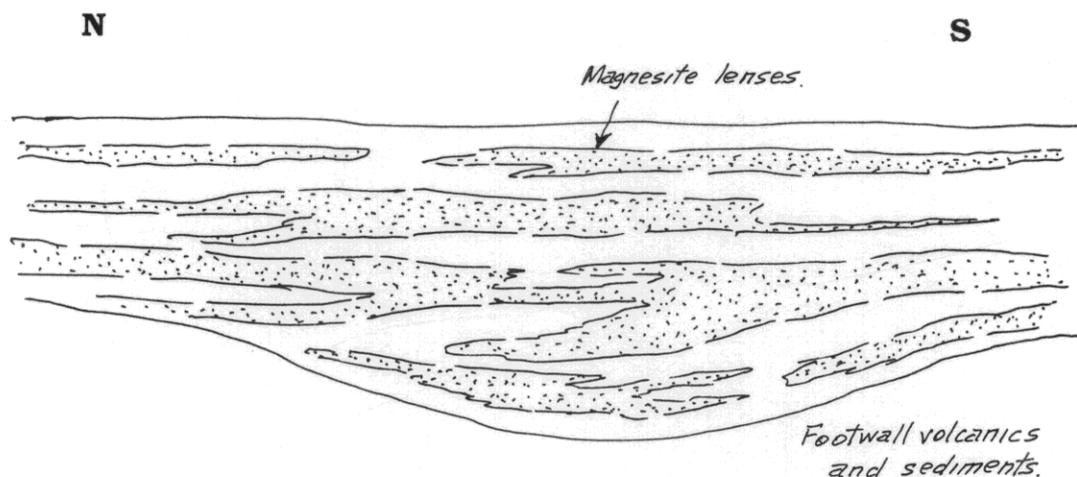
Results of the 1999 drilling program suggest that the Main Creek magnesite bodies are packaged within a "bulged" or thickened section of the Carbonate Sequence.

Structural contours (see Figs 3 and 4) of the Carbonate Sequence FW and HW indicate the sequence is approximately 200 m thick to the south of MC 33 and 200 m thick north of MC 31, but rapidly thickens to 400 m through the main deposit area.

It is difficult to say if this local thickening is either a primary stratigraphic feature, eg, a basin or river channel, or a tectonic feature resulting from pressures associated with local strike swings in the AMZ (or possibly both) - (see sketches).

Numerous schistosity and bedding readings on drill cores demonstrate the Carbonate Sequence dips steeply east in the range $60-90^\circ$, but typically 75° . Some minor, very steep ($80-90^\circ$) overturning to the west has been recorded locally.

Drilling to date does not indicate any thickening of the Carbonate Sequence down-dip over vertical depths of 400-500 m.



**Conceptual primary basin stratigraphy
(sectional view)**