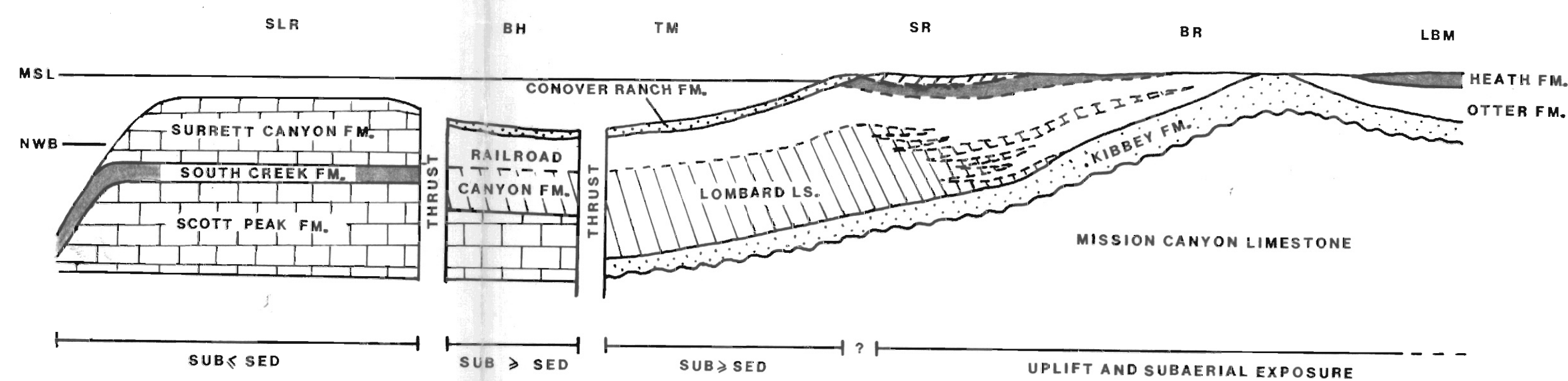


PLATE 4.

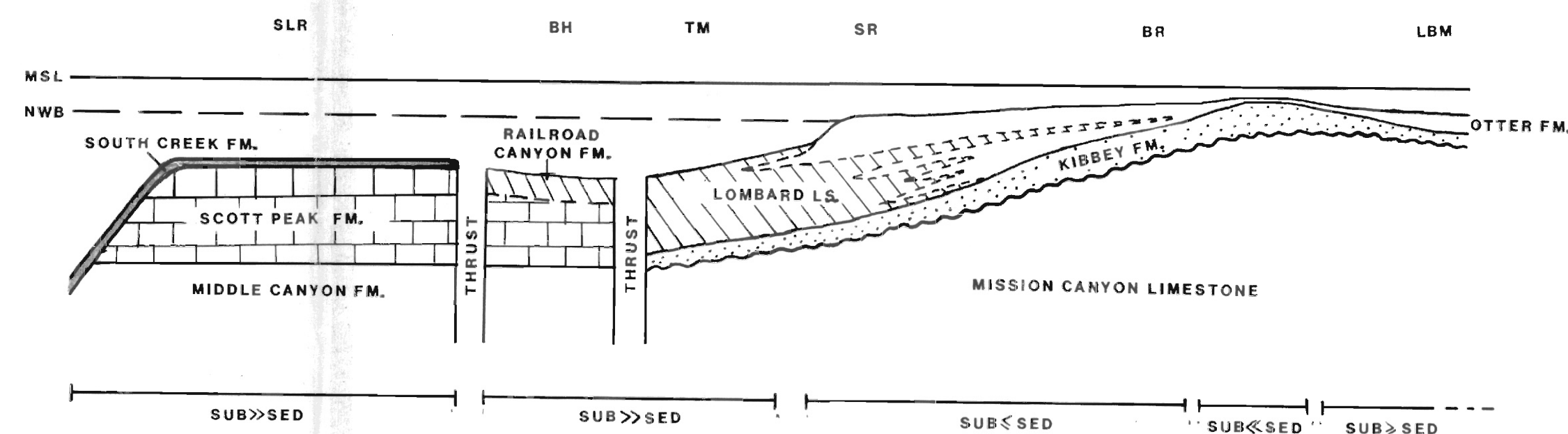
SCHEMATIC REPRESENTATION OF LATE MISSISSIPPIAN DEPOSITION IN SOUTHWESTERN MONTANA

By David J. Byrne, OSU, 1985

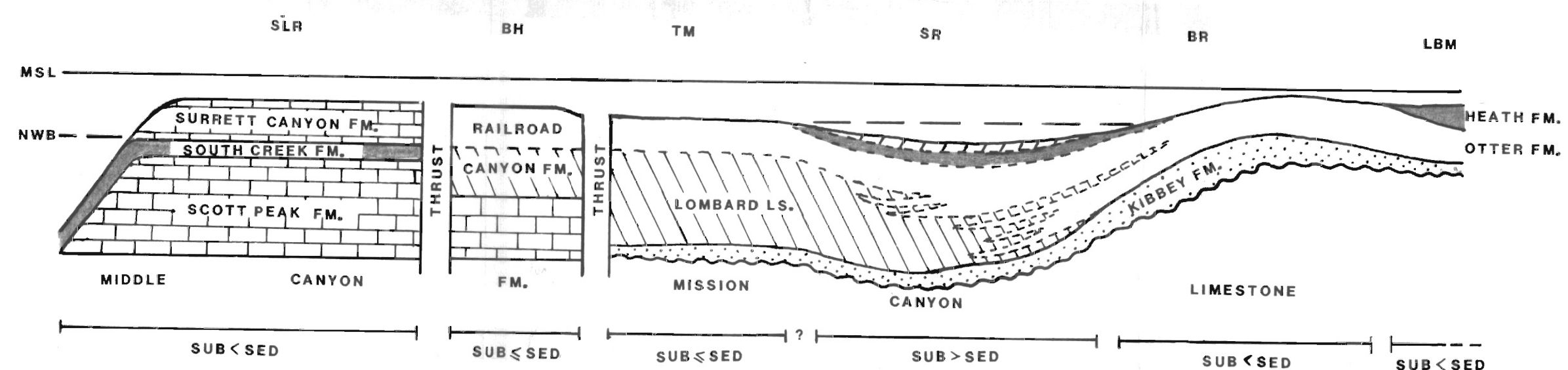
G Latest late Chesterian (FZ 18)



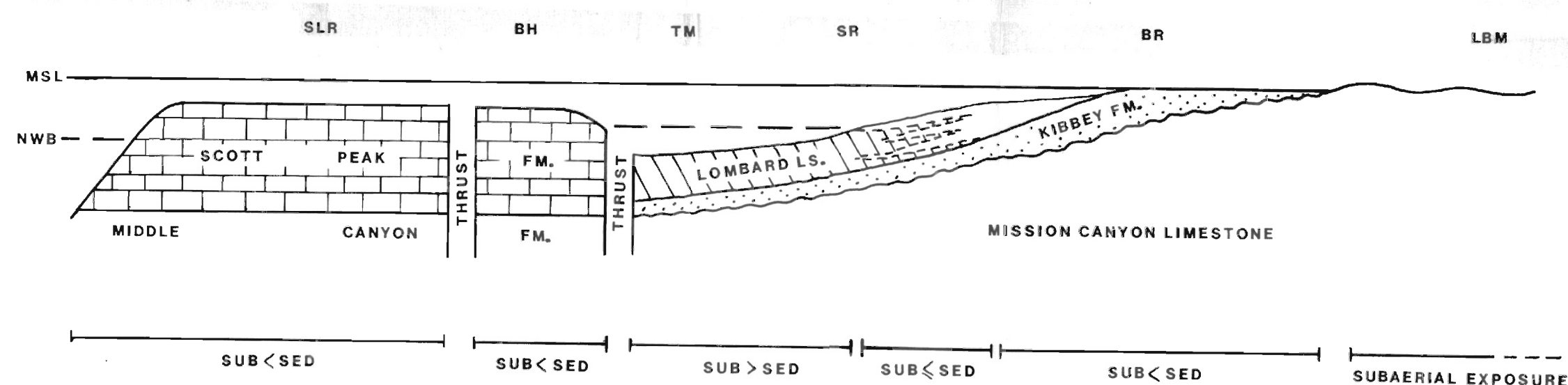
C. Early Chesterian (FZ 16i-16s)



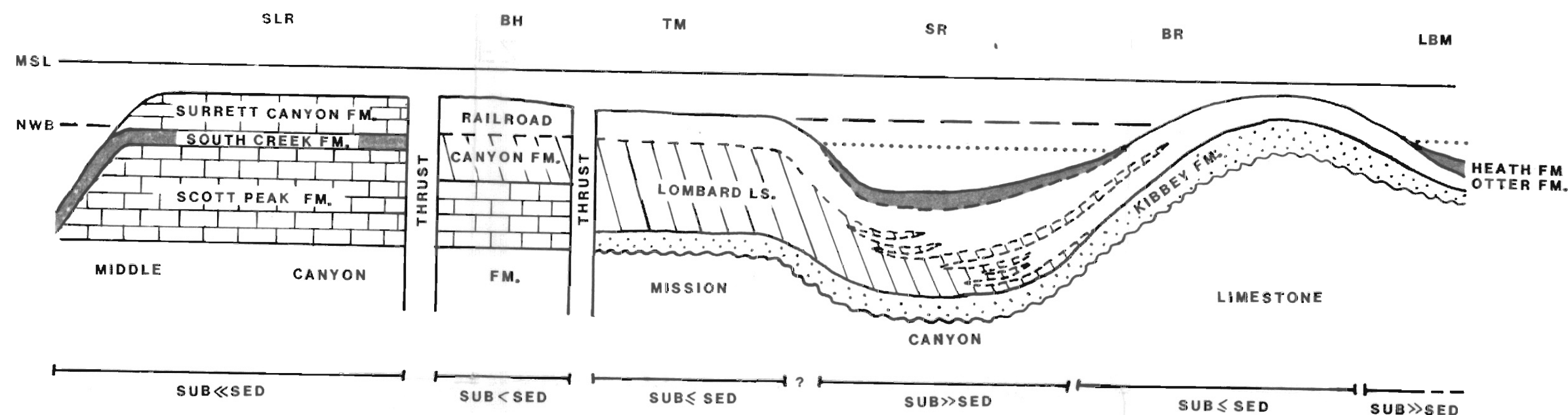
F. Middle late Chesterian (final stage of Lombard deposition)



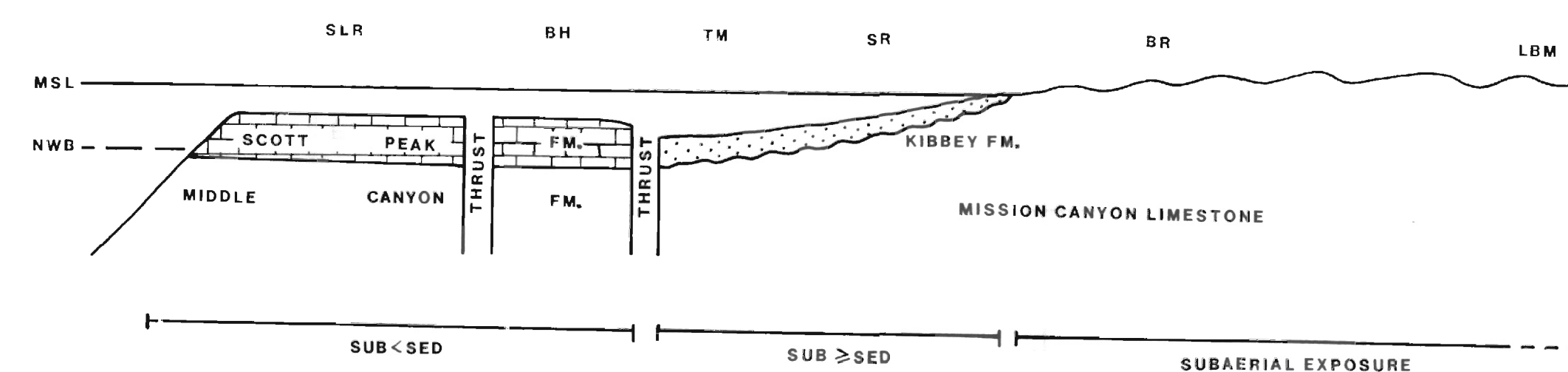
B. Late Meramecian (FZ 14-15)



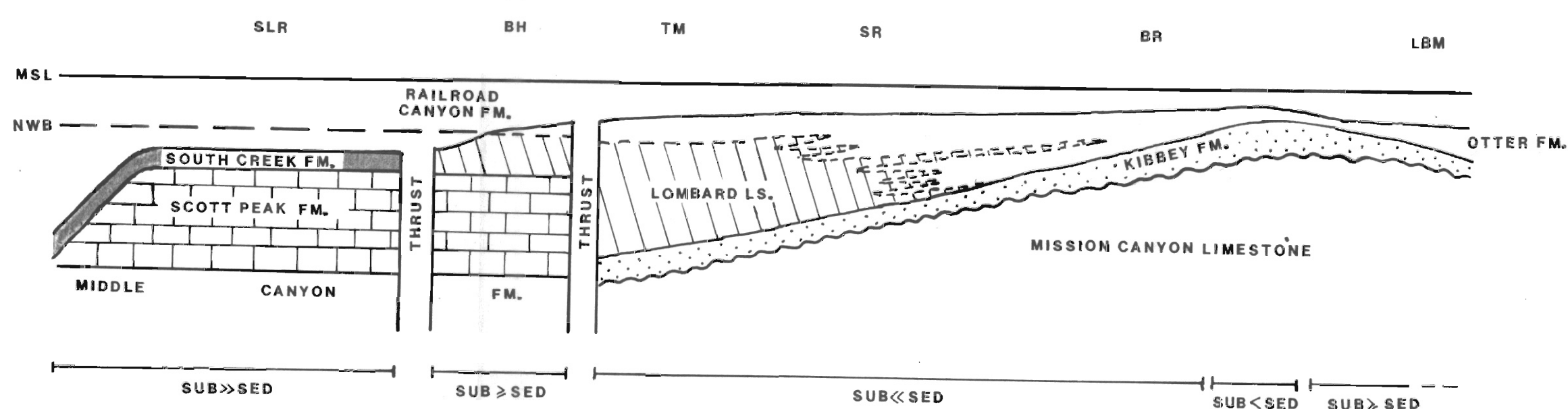
E. Middle late Chesterian (FZ 17 upper part - 18 lower part)



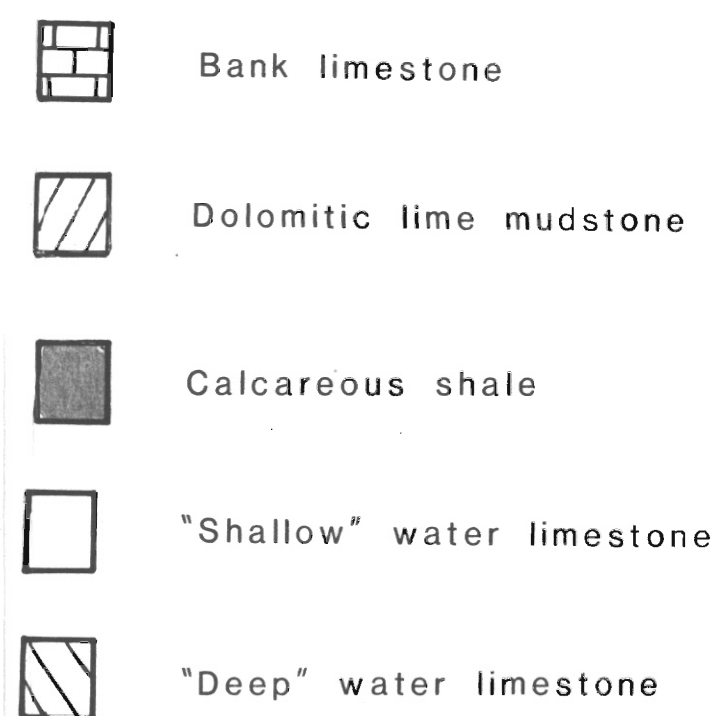
A. Late middle Meramecian (FZ 13)



D. Early late Chesterian (FZ 17)



LITHOFACIES:



FZ Mamet Foraminifera Zone

Formation contact

Facies contact

MSL Mean sea level

NWB Normal wave base

Top of anaerobic water column

Section areas:

SLR Southern Lost River and Lemhi Ranges

BH Beaverhead Range

TM Tendoy Mountains

SR Snowcrest Range

BR Bridger Range

LBM Little Belt Mountains

SUB > SED Relative subsidence and sedimentation rates

(Not to scale)