Rocky Springs Station Member (Crss)

Adamstown Member (Cfa)

Lime Kiln Member (Clk)

BEDDING: MASSIVE, THICK, THIN
FRAMEWORK: PELOIDS, OOLITES, MEGACLASTS, QUARTZ SAND
CEMENT MATRIX: MICRITE, MICROSPAR, SPAR
INTERNAL STRUCTURES: PLANAR LAMINATION, RIPPLE + LAMIN., PLANAR BEDS, CROSS BEDS, BURROWS, FOSSILS, ALGAL STRUCTURES
REMARKS

UPWARD PATTERNS FINING

Cfa

Og

Clk

Cfa

Ca

Crss

RASETTI'S (1961) DRESBACHIAN FAUNAS

THERE MAY BE A SIGNIFICANT COVERED INTERVAL (±100 M) AT THIS LEVEL

OPEN SPIRAL AND INCLINED BURROWS AND EARLY TREMPEALEAU SILICIFIED TRILOBITES

FIRST STROMATOLITES

CYCLE X POORLY DEVELOPED

CYCLE IX THICK EROSIVE BASE

CYCLE VIII

CYCLE VII

CYCLE VI

CYCLE V

CYCLE IV

CYCLE III

CYCLE II

CYCLE I

DATA PRIMARILY FROM EASTERN PORTION OF THE VALLEY

PRIMARILY COVERED, BUT ABUNDANT FLOAT

LITHOLOGY KEY

- Arenaceous carbonates
- Oölitic carbonates
- Peloidal carbonates
- Carbonate breccias
- Thinly bedded limestone

EXPLANATION

- Specific element is present to abundant
- ? Lower degree of certainty due to poor exposures, or data from float
- S Sparse to rare element
- 0 10 20 Vertical scale, in meters

GEOLOGIC COLUMNS FREDERICK FORMATION LIMESTONES