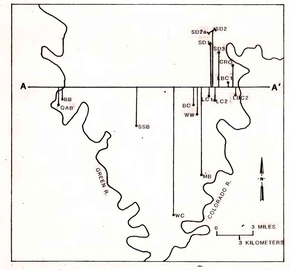
PLATE 1. East-west stratigraphic section of the White Rim Sandstone Member of the Cutler Formation, Canyonlands National Park, Utah.



Map of study area showing projections of measured sections. Sections are projected parallel to the depositional strike of White Rim Sandstone Member.

TRIASSIC MOENKOPI FORMATION

PERMIAN CUTLER FORMATION

UNNAMED PERMIAN SANDSTONE UNIT

WHITE RIM SANDSTONE MEMBER

CEDAR MESA SANDSTONE MEMBER

QAB QUEEN ANN BOTTOM SW, NE 1/4 SEC 11 T28S R17 1/2E

BB BEAVER BOTTOM NE, NE 1/4 SEC 2 T28S R17 1/2E

0.25 mi 0.40 km

6.00 mi 9.66 km

SSB SODA SPRINGS BASIN SE, NE 1/4 SEC 14 T28S R18E

2.00 mi 3.23 km

WC WHITE CRACK T28S R19E

0.13 mi 0.21 km

BC BUCK CANYON NW, NW 1/4 SEC 10 T28S R19E

0.06 mi 0.10 km

WW WASHER WOMAN NW, NW 1/4 SEC 15 T28S R19E

0.69 mi 1.11 km

MB MONUMENT BASIN NW, NE 1/4 SEC 10 T28S R19E

0.88 mi 1.42 km

LC1 LATHROP CANYON 1 NE, NE 1/4 SEC 2 T28S R19E

0.06 mi 0.10 km

SD2 SHAFER DOME 2 NE, NE 1/4 SEC 11 T27S R19E

SD2a SHAFER DOME 2a NE, SE 1/4 SEC 11 T27S R19E

0.06 mi 0.10 km

SD1 SHAFER DOME 1 NE, NE 1/4 SEC 14 T27S R19E

0.06 mi 0.10 km

LC2 LATHROP CANYON 2 NE, SE 1/4 SEC 2 T28S R19E

0.83 mi 1.01 km

SD3 SHAFER DOME 3 NW, SE 1/4 SEC 13 T27S R19E

0.50 mi 0.81 km

LBC1 LITTLE BRIDGE CANYON 1 NW, SW 1/4 SEC 31 T27S R20E

0.25 mi 0.40 km

CRO COLORADO RIVER OVERLOOK NE, SW 1/4 SEC 19 T27S R20E

0.25 mi 0.40 km

LBC2 LITTLE BRIDGE CANYON 2 SW, NE 1/4 SEC 6 T28S R20E

CEDAR MESA SANDSTONE MEMBER

ORGAN ROCK SHALE MEMBER

INTERDUNE GENETIC UNIT

1 SAMPLE NUMBER (SEE APPENDIX B)

A DEPOSITIONAL UNIT (SEE APPENDIX A)

TABULAR PLANAR CROSSBEDDED SANDSTONE /W COARSE-GRAINED LAGS

WAVY HORIZONTALLY LAMINATED SANDSTONE /W COARSE-GRAINED LAGS

MASSIVE BEDDED SANDSTONE/W COARSE GRAINS

TABULAR CROSSBEDDED SANDSTONE

RIPPLE LAMINATED SANDSTONE

WEDGE PLANAR CROSSBEDDED SANDSTONE

SILTSTONE

PARTIALLY COVERED/COVERED

DESICCATION POLYGONS

BIOTURBATION / BURROWED

METERS FEET

6 — 20

3 — 10

0 — 0

Datum top of White Rim Sandstone Member.

STEELE-MALLORY, 1982

OPEN-FILE REPORT 82-204