A

SOUTHWEST

A'

NORTHEAST

SBH
SOUTH BURBANK HILLS
N½ SEC. 1,
SW¼ SE¼ SEC. 11,
SW¼ SW¼ SEC. 13,
AND
S½ SEC. 14
T.23S., R.18W.
MILLARD COUNTY
UTAH

LMH
LITTLE MILL AND A HALF CANYON
W½ SEC. 28 (UNSURVEYED)
T.18S. R.16W.
MILLARD COUNTY
UTAH

BLL
BULLION CANYON
NE¼ SEC. 34 (UNSURVEYED)
T.9S. R.12W.
TOOELE COUNTY
UTAH

NGM
NORTH GILSON MOUNTAINS
NW¼ NE¼ SEC. 33 (UNSURVEYED)
T.13S. R.3W.
JUAB COUNTY
UTAH

MISSISSIPPIAN	LOWER	KINDERHOOKIAN	UPPER PART, PILOT SHALE AND EQUIVALENTS; JOANA LIMESTONE AND EQUIVALENTS
DEVONIAN	UPPER	FAMENNIAN	WEST RANGE LIMESTONE; LOWER PART, PILOT SHALE AND EQUIVALENTS
		FRASNIAN	GUILMETTE FORMATION AND EQUIVALENTS
	MIDDLE	GIVETIAN	SIMONSON DOLOMITE AND EQUIVALENTS

DATUM

BASE OF EARLY KINDERHOOKIAN FEATHAM EQUIVALENT

BASE OF LOWER PALMATOLEPIS MARGINIFERA ZONE

BASE OF LOWER PALMATOLEPIS CREPIDA ZONE

BASE OF LOWER PALMATOLEPIS GIGAS ZONE

BASE OF POLYGNATHUS STYRIACUS ZONE

BASE OF PANDORINELLINA INSITA FAUNA

SBH-1, SBH-2, SBH-5, SBH-6, SBH-8, SBH-9, SBH-10, SBH-11A, SBH-11, SBH-11B, SBH-12, SBH-13*, SBH-14*, SBH-15A*, SBH-16BF (MANTICOCERAS SP.), SBH-4F*, SBH-3F*, SBH-17A, SBH-19F*, SBH-18*, SBH-1F*, SBH-20*

CON-5, CON-13, CON-16, CON-7C, CON-8C,11, CON-9, CON-15, CON-14, CON-1, CON-2, CON-3

LMH-1F*, LMH-6A*

BHN-1, BHN-2, BHN-2A?, BHN-3

BLL-15AF*, BLL-11F*

NGM-1C, NGM-1*, NGM-?*, NGM-1E

— STRINGOCEPHALUS SP.

INCOMPLETE DUE TO FOLDING

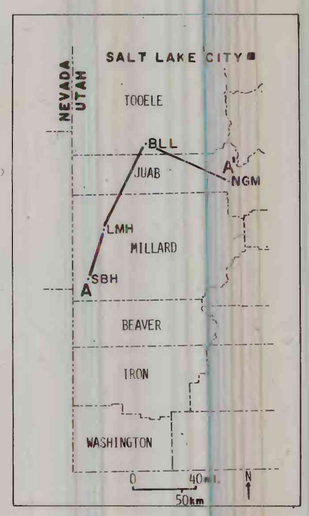
INCOMPLETE; APPROXIMATELY 402 M TO BASE OF UPPER DEVONIAN

DEVONIAN	UPPER	FAMENNIAN	LOWER PART, FITCHVILLE FORMATION
			PINYON PEAK LIMESTONE
		FRASNIAN	GUILMETTE FM. AND EQUIVALENTS
			SEVY DOLOMITE-SIMONSON DOLOMITE UNDIFFERENTIATED
	MIDDLE		LAKETOWN DOLOMITE
SILURIAN			

COVE FORT QUARTZITE

VERTICAL SCALE: 328 FEET = 100 METRES; 164 FEET = 50 METRES; 0 = 0

HORIZONTAL SCALE: 0, 7.5, 15.0 MILES; 0, 12, 24 KILOMETRES



1 MEASURED SECTION OF THIS STUDY

2 UNPUBLISHED MEASURED SECTION OF C. A. SANDBERG, F. G. POOLE, AND E. J. BILLER (C. A. SANDBERG, WRITTEN COMMUNICATION, 1975)

3 UNPUBLISHED MEASURED SECTION OF C. A. SANDBERG AND F. G. POOLE (C. A. SANDBERG, WRITTEN COMMUNICATION, 1975)

4 MEASURED SECTION OF HOSE (1966)

5 MEASURED SECTION OF STAATZ AND CARR (1964)

SBH-12 CONODONT SAMPLE COLLECTED BY C. A. SANDBERG EXCEPT *, COLLECTED BY E. J. BILLER; QUERIED WHERE SAMPLE POSITION IS UNCERTAIN; SAMPLE IS DATED IN FIGURE 2 AND DESCRIBED IN MEASURED SECTIONS

SBH-16BF (ONLY) AMMONOID COLLECTION BY C. A. SANDBERG

PLATE-1

STRATIGRAPHIC CROSS SECTION OF UPPER DEVONIAN ROCKS

SOUTH BURBANK HILLS TO NORTH GILSON MOUNTAINS

DATUM IS BASE OF COVE FORT QUARTZITE OF CROSBY (1959) AND EQUIVALENT AND IS REPRESENTED BY THE BASE OF UPPER POLYGNATHUS STYRIACUS ZONE. THE OTHER TIME SURFACES INCLUDE: 1) BASE OF EARLY KINDERHOOKIAN, 2) BASE OF LOWER PALMATOLEPIS MARGINIFERA ZONE, 3) BASE OF LOWER PALMATOLEPIS CREPIDA ZONE, 4) BASE OF LOWER PALMATOLEPIS GIGAS ZONE AND 5) BASE OF PANDORINELLINA INSITA FAUNA.

EDWARD J. BILLER
1976

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This report is preliminary and has not been edited or reviewed for conformity with U.S. Geological Survey standards and nomenclature.