

CORE/SAMPLE
DESCRIPTIONS 2
8-30-93/



LIETZ

SINCE 1882

FIELD BOOK

No. 8152-60

KMC

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W-SA-16789 A-SA-4/38.5 1
T 37S, R 20E, sec 24 bdc elev 30'

0-3.5' Fill

3.5-35.5 UDSC

35.5-38.5' TD PCRV or reworked
PCRV

SA

W_A 16790/38 A-SA-5

T 37S, R 20E, sec 3 ddb 3 edge
Elev 40'

0-20.5 UDSC

20.5-28.5 PCRV?

28- PCRV

SA

W_A 16832 A-SA-6/43.5

T 37S, R 20E sec 19

Elev 30

0-11 UDSC

11- sdy ch w leached shell
FTMP

2.82 4-AZ-A P8731 - AZ-60
'02 10/3 300 45 300 8 278 7

11/3 2.2-0
2201 2.22-2.2
2201 2.22-2.22
2201 2.22-2.22

2-AZ-2 2201 2.22-2.22
2201 2.22-2.22
2201 2.22-2.22
2201 2.22-2.22

2201 2.22-2.22
2201 2.22-2.22
2201 2.22-2.22

2201 2.22-2.22
2201 2.22-2.22
2201 2.22-2.22
2201 2.22-2.22

2201 2.22-2.22
2201 2.22-2.22
2201 2.22-2.22

W-SA-16833 A-SA-7 2
T 37S, R 18E, sec 32bd elev 5'

0-1.5' Fill
1.5-21 wht sand, v shelly
21-35.5 Dolosilt - wht, Hyl or, Hgn
poor ind, sl. gtz + phos sd
35.5-43rd Clay, lt. sl., fr gtz sd

0-1.5 Fill
1.5-21 uosc - Q4
21- ARCA
35.5 Vnc. clay?

W-SA-16834/38.5 A-SA-8

T 37S, R 20E, sec 27 dcl

0-0.5' Fill 18.5
0.5-~~18.5~~ ~~18.5~~ uosc
~~18.5~~ 18.5- shelly sd

W-SA-16835 A-SA-9/43 3

T 395, R 21E, Sec 17 OCC s. sec line
elev 20'

0-6 UDSC SD

6-20 stelly SD - FTMP

20 ARCA

W-SA-16880 A-SA-11/43'

T 385, R 20E sec 8 aa elev 15

0-10 UDSC

10- sd w fr shell FTMP

MANATEE Co wells to ck

W-MN-15125 T 345, R 19E sec 25 ad

0-5 weathered sl. calc clayey sd

w phos sd + gran.

5-30 Qtz sd, dk bn. uncon. frag.

area dolo lith + scattered phos gr.

0-30+ UDSC

W-MN-13962 T 355, R 19E sec 34 ^{Aug 64}

0-20 UDSC

20 - ~~up~~ udsc - perv lag

W-MN-13840

T 355, R 20E sec 26

4

on vena rd 1 mi N of Hwy 70
0-20' + UDSC

W-MN-13353

T ³⁴355, R 19E, sec 34 Hwy 64
1/2 mi E of Lorraine rd

0-30 UDSC sd + clay sd w phos
lag (sd + grav) in lower part
30- perov

~~W-MN-12138~~

W-MN-12287

T 345, R 20E, sec 30 cb

0-30 UDSC sd + clay sd
30- Perov lag?

W-MN-12136

T 355, R 20E sec 25

UDSC { 0-30 UDSC sd
30-50 UDSC sd + phosphorite lag
50 Perov

W-MN-11277

T 355, R 18E sec 12 ac

0-10 UDSC sd

10- Arca - wht dolomite soft b.
gtz + phos sd

W-MN-11029 T34S, R18E, sec 16

5

0-15 NOSM

Peru? 15-25 qtz sd, phosphatic, abd

Alca? dolomite fragment

Alca 25 wht qtz + phos sely dolomite

W-MN-11020 T35S, R18E, sec 13 da

0-28' 1 SPL

quartz sand, phosphatic, dolomite frag.

sd pred F-M minor frag. per clay like

- top peru prob in this interval

W-MN-10816 T34S, R20E, sec 36

0-30 UDSC sd w scattered phosphate
30-40 ~~sd~~ sd, med-crs, scattered gran.
phos sd + gran,

W-MN-10815 T35S, R20E sec 8

SR 675 + 64

0-30 1 SPL - UDSC sd

30-40 sd as above + crs phos +
wack chert frag.

W-MN-10561 T 35S, R 18E, sec 6
UDSC 0-20 1 spl - UDSC sd +
Area arcadia

W-MN-10559 T 34S, R 18E, sec 33
UDSC 0-20 UDSC sd + plios log, fig
Area dol + lt. gm clay
Area poss porv/Area in base of interval
20 area dol + some poss log

W-MN-10546 T 35S, R 18E, sec 32
0-18 UDSC sd
18. Area dolostone, poor ind

W-MN-10539 T 35S, R 19E, sec 33
POPE Rd off Hwy 64
0-40' 1 spl - in Arcadia

W-MN-10382 T 39S, R 19E, sec 4
Gold Course Rd - PAMELA
0-30 UDSC sd + gran, scattered plios
chert etc DL. says sd - 24'
No shell sd. 30 - ttrn

W-MN-10380 T35S, R18E sec 9 7

0-10 NOSM

10- udsc sd + phos, sct. area
dry

20- Area dolo

W-MN-8721 T35S, R19, sec 7

off SR 70

udsc 0-10' bn udsc sd w sct. ls
grains

10-20 F-M gtz sd, phosphatic
abd. Area carbonate grains +
minor gn cly

W-MN-8277 T35S, R18E, sec 19

20' spl int.

0-20 gtz sd - minor component,
wht. soft chalky gtz sd, carb.
Area?

20-40 sd, gtz + phos sd, clayey, calc.
40 soft. clayey calc

area

W-MN-8152 T 35S, 19E sec 2

UDSC 0-20 lt+dk bn clayey sand

Area 20 wht, lt gy gtz+phos sdy dolomite
soft chalky, gray clay

W-MN-8145 T 34S, R 19E sec 17

UDSC 0-17 md bn sd

17-40 clay, wht, y.l., sl. gtz+phos
sdy, minor phos. clay sd
40-48 gtz+phos sdy, & gr dolo? clay?
Area phosphatized brnd layers

~~W-MN-8135~~

W-MN-8030 T 33S, R 19E, sec 6

Pinney Pt on Hwy 41

0-60' + UDSC sd

W-MN-7981 T 34S, R 19E, sec 23

0-20 NDSM

20- gtz sd + gr, bn gtz+phos
sdy clay, white sdy ixt. ls
- top prev poss in this int.

W-MN ~~7390~~ 7498 T 35S, R 20E sec 6?
NO Sm 0-220'

USGS well #1
W-MN-7390 T 35S, R 20E sec 34a
UDSC 0-30 UDSC sd. minor dk bn
sdy clay in 25-30' int
30-40 UDSC sd + gran, phos gran.
- Per. lag. 1st Arca carbonate litho
in 35-40' int.

W-MN-7313 T 35S, R 18E, sec 29
0-10 sd + shell, ~ 3% phos
UDSC 10-20 " " ~ 5-7% phos
Trace dk gn + bn clay
20-30 Fgr gtz sd, fm conc ~ 5%
m sl. gn clay
30- or ~~40~~ 20-30 + mica

W-MN-7301 T 35S, R 18E, sec 7
50th ave
0-20' (1 spl) lt sl. gy clay,
Arca and Arca gtz + phos sdy carbonate

W-MN-7277 T355, RIBE sec 27

UDSC 0-20 UDSC sd
 20 gtz sd, minor phos, sl gn clay
 30 " " " " " "
 clay is gtz + phos sdg

W-MN-7191 T 345, RIFE sec 20

Per? 0-20' (1 spl) wht. soft dolomite
 Area chalky sl. gtz sdg + phos slgy
 ? 20- 94 gtz + phos sdg clay / dolo

W-MN-6817 T355, RIBE, sec 18

UDSC 0-10 UDSC sd
 10- gtz sand, phosphatic, Area
 per? dolo litho sig, lt gn clay
 Area 20 clay, gtz + phos sdg

W-MN 6713 T355, RIBE, sec 10 dd

0-20' NOSM
 20-30 UDSC sd w minor shell
 ? 30-40 UDSC sd + 15% shell

W-MN-5263

T355, R18E, sec 27dc

0-30 (2spls) Qu sd + phos lag

16783 SA. Co

0-16' UDSC

16-18.5' WEATHERED Qsu

18.5-23 Qu

23-PCRv

31 ARCA

AC-DD-1

2 - W 17167

3

5

9

10

11

12

W-17167 (AC-DD-2)

0-2' canal spools - full

2-3' ls. pass till - pass in place

3-5' Muck w ls frg imbedded

5-6 - muck - NO recovered

6-7 MARZL & LS Wagners!

7-9.8 Miami Is. - ~~2~~ ^{bygonium} ~~minor~~ ^{prothusa},
bottleheads + bygonia, oo moldie
poppy, spec counted - rep.

9.8-15 Main, hard rock is w soft
zones - rubblely recovery, burrows
molluscs, bryozoans + ooids, open ent
+ cavity full of sand

15-^{19.5} ls, mod ind, vuggy, micro moldic
shell, frag, conch, - soft zones

P.5- Rockstone, massive nodular, regular
gran + calcareous cont. quartz sandy
to very quartz sandy,

12948 DS core
 0-20 UDSC
 20- PERV
 Kc pick from column log
 90 top of ARCA
 wind top of ARCA 53.5'

12948 DS core

0-20 UDSC

20- PERV

Kc pick from column log
 90 top of ARCA
 wind top of ARCA 53.5'

12113 Hd core #2

0-49.5 UDSC

49.5- PERV

132-146? top of ARCA

* TS thinks columnar 85-146
 are in PERV based on presence
 of unconformity deeper in core

W-DS 16578

0-~12' UDSC

~12 QSU

TAMIAINI IS?

~122.5' top PERV

176 top ARCA

