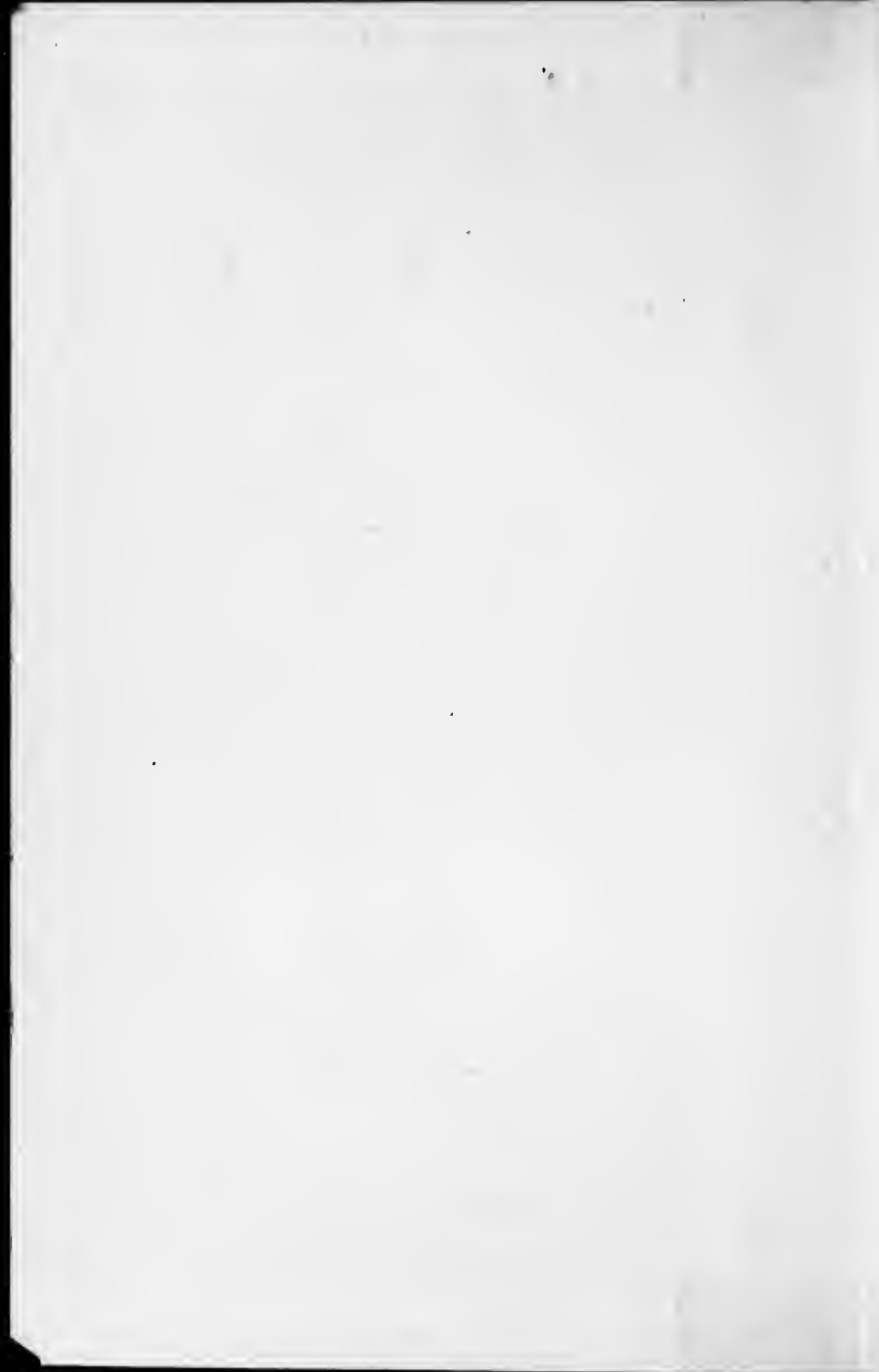


**RECORD**



F

64-2



Golden Valley

July 20, 1964

Leo J. Hickey

Department of Geology  
Brunton University

Brunton New Jersey.





SECTION 4-2-10

2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019 2020 2021 2022 2023 2024 2025 2026 2027 2028 2029 2030 2031 2032 2033 2034 2035 2036 2037 2038 2039 2040 2041 2042 2043 2044 2045 2046 2047 2048 2049 2050

1. 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019 2020 2021 2022 2023 2024 2025 2026 2027 2028 2029 2030 2031 2032 2033 2034 2035 2036 2037 2038 2039 2040 2041 2042 2043 2044 2045 2046 2047 2048 2049 2050

2. 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019 2020 2021 2022 2023 2024 2025 2026 2027 2028 2029 2030 2031 2032 2033 2034 2035 2036 2037 2038 2039 2040 2041 2042 2043 2044 2045 2046 2047 2048 2049 2050

3. 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019 2020 2021 2022 2023 2024 2025 2026 2027 2028 2029 2030 2031 2032 2033 2034 2035 2036 2037 2038 2039 2040 2041 2042 2043 2044 2045 2046 2047 2048 2049 2050

2. FIG. Any ss 5' 11' / 1' 11' or ss. dated



1. ... ..  
 2. ... ..  
 3. ... ..  
 4. ... ..  
 5. ... ..  
 6. ... ..  
 7. ... ..  
 8. ... ..  
 9. ... ..  
 10. ... ..

1. ... ..  
 2. ... ..  
 3. ... ..  
 4. ... ..  
 5. ... ..  
 6. ... ..  
 7. ... ..  
 8. ... ..  
 9. ... ..  
 10. ... ..

6' ... ..  
 ... ..  
 ... ..  
 ... ..



See



7.2

Industrial massive

irregularly bedded  
siltstone

Dips approximately to  
SE from horizontal

Then to 10° - 20°

8.6

N-1 lignite

1" here

but 10' to 15' thick  
thick & dipping to  
SE 1/2

Not lignite

shale

IT

shale

shale

1.6

massive

shale

10YR 6/2

12.2

Mollusc lens



1872  
 ...  
 ...  
 ...

...  
 ...  
 ...

...  
 ...

... Here  
 ...

...  
 ...

...

...



16

Mid Ordovician  
 N-9 silty clay, mic (17)  
 massive with  
~~thin~~ 10YR 7/4  
 (Faint text)

monite staining on  
 joints 10YR 7/4 & 5Y 7/5

18' MINUTE limonite staining  
 region to appear  
 silty clay  
 SIT ST. Fr. col. N-8

wh color  
 10YR 7/4

20' N-8, TR 4/6, 10YR 8/6  
 v. silty clay  
 massive with min. lim.  
 spherules abt 50.  
 mic x ceods abt 12

21 SIT ST. MASSIVE N-8  
 wh color 10YR 7/4  
 10YR 6/5 + N-8



11. 2 - 11/18 1918

1012 1013 1014 1015 1016 1017 1018 1019 1020

21 - 11/18 1918  
SOME 1012 1013 1014 1015 1016 1017 1018 1019 1020

11 1010 1011 1012 1013 1014 1015 1016 1017 1018 1019 1020

21 - 11/18 1918  
SOME 1012 1013 1014 1015 1016 1017 1018 1019 1020

21 - 11/18 1918  
SOME 1012 1013 1014 1015 1016 1017 1018 1019 1020

11 1010 1011 1012 1013 1014 1015 1016 1017 1018 1019 1020





1. The first part of the book  
 is very interesting and  
 well written. The author  
 has done a great job of  
 explaining the concepts  
 in a clear and concise  
 manner.

2. The second part of the book  
 is also very good. The  
 author has provided a  
 lot of useful information  
 and examples. The book  
 is well organized and  
 easy to read.

3. The third part of the book  
 is very interesting. The  
 author has provided a  
 lot of useful information  
 and examples. The book  
 is well organized and  
 easy to read.

4. The fourth part of the book  
 is also very good. The  
 author has provided a  
 lot of useful information  
 and examples. The book  
 is well organized and  
 easy to read.

See 2-20-1 ✓  
see 46.5 do + 45  
NATION PLAINS  
mic, Abt 72-

46.5 do 42.5 ex.  
FOLIOLE  
10YR 6/4  
10YR 6/4

47. do 46.5 BUT 3YR  
BLEBS APPEAR

49. 10YR 6/4 X LAMINATED  
SS. do 46.5.  
X LAMINATED  
X LAMINATED

SS. IN UNINDENTED

51. do 44 BUT NOT X LAMINATED

52. do 44 BUT NOT X LAMINATED



SEC 1-23-2

1. ...  
 2. ...  
 3. ...  
 4. ...  
 5. ...  
 6. ...  
 7. ...  
 8. ...  
 9. ...  
 10. ...

...  
 ...  
 ...

...





15'  
16'

21'

22'

23'

30'

33'

36'

37'

40'

41'

44'

50 - 5/100, 1/2 of 1000  
N-9 1/4 1/2 1/4 1/8

wh color

1/4

5/10 2/3 1/2 1/4

1/2 1/4 1/8 1/16

1/2 1/4 1/8 1/16

wh color 5/10 1/4



[Faint, illegible handwriting on lined paper, possibly including a date and a list of items.]

L

25'  
22'  
25'    v

- 74' v of M. AC 2/6  
M. AC 1/2  
of 1/2 ...  
20 ...

70'

60'

50'

40'

30'

20'

10'

0'





1 lb grey clay

1 lb black clay

1 lb white clay

1 lb red clay

1 lb blue clay

2 5/8 1/2

1 lb black clay

1 lb white clay

1 lb red clay

1 lb grey clay

1 lb black clay

1 lb

1 lb white clay

1 lb red clay

1 lb grey clay

1 lb black clay



124, 2

124, 3

124, 4

124, 5

124, 6

124, 7

124, 8

124, 9

124, 10



135. M... ..  
L... ..

136. ... ..  
with ... ..

137. ... ..  
... ..

137.9 ... ..

✓

120

100

110

100 - 1000

100 - 1000

100 - 1000

100 - 1000

100

100 - 1000

100

100

100

100 - 1000

100 - 1000

100 - 1000

100 - 1000





7 - 10YR ...  
 ...  
 ...  
 ...

to 3

White River.

+ ... sequence  
 of ...  
 SITSONES, v/c  
 MICAC ...  
 SA ...

to 6 - 2 1/2 SA,  
 ...  
 NON MIC < 1/2 to 5/8  
 SET IN ...

1/71 or ...



1700 ...  
 ...  
 ...  
 ...

1710 ...  
 WITH ...  
 ...  
 ...

1720 ...  
 ...  
 ...

...  
 ...  
 ...



122 - 196

117 1/1

14 1/1 24/12

117

117 1/1 12/11

117 1/1 12/11

117 1/1

117 1/1 12/11

117 1/1

117

117 1/1 12/11

117 1/1 12/11

117 1/1 12/11

117 1/1 12/11

117 1/1 12/11

117 1/1 12/11

117 1/1 12/11

117 1/1 12/11



July 21, ✓

LOCALITY L-21-1

SF  $\frac{1}{4}$  NW  $\frac{1}{4}$ , Sec 11, T11N, R3W

Present - - - - -

10'

0-8' F.O. A br grey calc' med S.A. micaceous ss. ss. calc' & chert

ft. top of bed 1  
Limestone ss. ss. calc' & chert

8' F.O. Transition to dark grey calc' micaceous ss. calc' & chert.

12' Dark grey calc' bedded ss. calc' & chert (3') clay

17 Light grey silty clay with thin mic. lim. spn.

19 Very ch. (px) strongly



1911

1912

1913

1914

1915

1916

L-21-2

S 1/2 Sec 20 T 7 N R 50

Lower, mbr. 1/4  
25' cap. 1/4  
mid. 1/4 1/4  
1/4 1/4

On 1/4 1/4  
1/4 1/4 1/4  
2, 1/4 1/4



across ...  
 at ...  
 ...

... 24' ...

...  
 ...

L-21-3

... T 122W & 93W.

30 feet ...

...

of F.V.

...

8'

...

VERY ...

...

...

20 vfy ss.

V

26. Absence of ...

Top of ...

Pool section

L-21-4 ...

SL ...

L-21-5 ...









G.V.

5' 5 YRS 5/1  
(1/1/1)  
170

7' 4 1/2  
4 1/2 SITST. 2 1/2  
Samp. 4 2 1/2

12 5 YRS 5/1 CLAY  
SMALL AMT

14 2 1/2  
4 1/2

15 4 1/2  
CLAY

13' N-8  
ST. MA  
5 1/2



1870. A. J. ...  
 ... ..  
 ... ..  
 ... ..

1871. ... ..  
 ... ..  
 ... ..  
 ... ..  
 ... ..  
 ... ..

1872. ... ..  
 ... ..  
 ... ..  
 ... ..

1873. ... ..  
 ... ..  
 ... ..



\$ 30, 2 1" layer of ...  
 ATST, Concretion  
 Suppl. ATST.

...  
 Soil with ss with  
 11/24

37 End of section



L-232

Map of Sec 17 T14N

R 24W

2'

covered  
C... ..  
... ..

1'

1913  
... ..  
... ..  
... ..  
... ..

... ..  
... ..

... ..  
... ..  
... ..

... ..  
... ..

3'

... ..  
... ..

2-23-2



511  
 1.5  
 2.5  
 3.5  
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 97.5  
 98.5  
 99.5  
 100.5

9. 2 layers  
 10.5 Very silty clay  
 BREAKING INTO CH,  
 1/2"

12.5 Hill top covered  
 with a thin layer of  
 silty clay. This is  
 wh TO 200 yds. hills  
 top of hills  
 in the area.

16 soil  
 16.2 End of section

1 2003



SW 1/4, SW 1/4, middle line  
T 14N, R 94W

FOOT UNION Fm.

1	10' 1/2' ss	10' 1/2' ss
2	10' 1/2' ss	10' 1/2' ss
3	10' 1/2' ss	10' 1/2' ss
4	10' 1/2' ss	10' 1/2' ss
5	10' 1/2' ss	10' 1/2' ss
6	10' 1/2' ss	10' 1/2' ss
7	10' 1/2' ss	10' 1/2' ss
8	10' 1/2' ss	10' 1/2' ss
9	10' 1/2' ss	10' 1/2' ss
10	10' 1/2' ss	10' 1/2' ss
11	10' 1/2' ss	10' 1/2' ss
12	10' 1/2' ss	10' 1/2' ss
13	10' 1/2' ss	10' 1/2' ss
14	10' 1/2' ss	10' 1/2' ss
15	10' 1/2' ss	10' 1/2' ss
16	10' 1/2' ss	10' 1/2' ss
17	10' 1/2' ss	10' 1/2' ss
18	10' 1/2' ss	10' 1/2' ss
19	10' 1/2' ss	10' 1/2' ss
20	10' 1/2' ss	10' 1/2' ss
21	10' 1/2' ss	10' 1/2' ss
22	10' 1/2' ss	10' 1/2' ss
23	10' 1/2' ss	10' 1/2' ss
24	10' 1/2' ss	10' 1/2' ss
25	10' 1/2' ss	10' 1/2' ss
26	10' 1/2' ss	10' 1/2' ss
27	10' 1/2' ss	10' 1/2' ss
28	10' 1/2' ss	10' 1/2' ss
29	10' 1/2' ss	10' 1/2' ss
30	10' 1/2' ss	10' 1/2' ss
31	10' 1/2' ss	10' 1/2' ss
32	10' 1/2' ss	10' 1/2' ss
33	10' 1/2' ss	10' 1/2' ss
34	10' 1/2' ss	10' 1/2' ss
35	10' 1/2' ss	10' 1/2' ss
36	10' 1/2' ss	10' 1/2' ss
37	10' 1/2' ss	10' 1/2' ss
38	10' 1/2' ss	10' 1/2' ss
39	10' 1/2' ss	10' 1/2' ss
40	10' 1/2' ss	10' 1/2' ss
41	10' 1/2' ss	10' 1/2' ss
42	10' 1/2' ss	10' 1/2' ss
43	10' 1/2' ss	10' 1/2' ss
44	10' 1/2' ss	10' 1/2' ss
45	10' 1/2' ss	10' 1/2' ss
46	10' 1/2' ss	10' 1/2' ss
47	10' 1/2' ss	10' 1/2' ss
48	10' 1/2' ss	10' 1/2' ss
49	10' 1/2' ss	10' 1/2' ss
50	10' 1/2' ss	10' 1/2' ss
51	10' 1/2' ss	10' 1/2' ss
52	10' 1/2' ss	10' 1/2' ss
53	10' 1/2' ss	10' 1/2' ss
54	10' 1/2' ss	10' 1/2' ss
55	10' 1/2' ss	10' 1/2' ss
56	10' 1/2' ss	10' 1/2' ss
57	10' 1/2' ss	10' 1/2' ss
58	10' 1/2' ss	10' 1/2' ss
59	10' 1/2' ss	10' 1/2' ss
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61	10' 1/2' ss	10' 1/2' ss
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63	10' 1/2' ss	10' 1/2' ss
64	10' 1/2' ss	10' 1/2' ss
65	10' 1/2' ss	10' 1/2' ss
66	10' 1/2' ss	10' 1/2' ss
67	10' 1/2' ss	10' 1/2' ss
68	10' 1/2' ss	10' 1/2' ss
69	10' 1/2' ss	10' 1/2' ss
70	10' 1/2' ss	10' 1/2' ss
71	10' 1/2' ss	10' 1/2' ss
72	10' 1/2' ss	10' 1/2' ss
73	10' 1/2' ss	10' 1/2' ss
74	10' 1/2' ss	10' 1/2' ss
75	10' 1/2' ss	10' 1/2' ss
76	10' 1/2' ss	10' 1/2' ss
77	10' 1/2' ss	10' 1/2' ss
78	10' 1/2' ss	10' 1/2' ss
79	10' 1/2' ss	10' 1/2' ss
80	10' 1/2' ss	10' 1/2' ss
81	10' 1/2' ss	10' 1/2' ss
82	10' 1/2' ss	10' 1/2' ss
83	10' 1/2' ss	10' 1/2' ss
84	10' 1/2' ss	10' 1/2' ss
85	10' 1/2' ss	10' 1/2' ss
86	10' 1/2' ss	10' 1/2' ss
87	10' 1/2' ss	10' 1/2' ss
88	10' 1/2' ss	10' 1/2' ss
89	10' 1/2' ss	10' 1/2' ss
90	10' 1/2' ss	10' 1/2' ss
91	10' 1/2' ss	10' 1/2' ss
92	10' 1/2' ss	10' 1/2' ss
93	10' 1/2' ss	10' 1/2' ss
94	10' 1/2' ss	10' 1/2' ss
95	10' 1/2' ss	10' 1/2' ss
96	10' 1/2' ss	10' 1/2' ss
97	10' 1/2' ss	10' 1/2' ss
98	10' 1/2' ss	10' 1/2' ss
99	10' 1/2' ss	10' 1/2' ss
100	10' 1/2' ss	10' 1/2' ss





CENTERS 1 p 11 4/50-  
FUSS 0 5'

G. J.

Wh. color 3.3 - 4.9 - N. 2

~~3.3~~ G. V. L. M. L. G.

3.3 5YR 5/1 micaceous CLAY  
fissile & bedded with  
A bit of iron around the lower  
part of the bed  
... ..

4.5 5Y 6/1 shaly clay  
... ..

5.6 ... ..  
... ..  
... ..

Wh. color 4.8 - 6 5Y 7/2

m. d.

8' lo - 5 ... ..  
... ..  
... ..  
wh. col. 8 - 12 11-8

9 5Y 7/1 shaly clay  
... ..



✓

L-23-<sup>4</sup> Center sec 20 T140N R93W.

Lignite above sh layer at least  
4 feet thick has burned and  
formed a scoria bed.

July 24, 1904

Loc 2

~~15 20' ...  
 FAIR ...  
 Some ...  
 would ...~~

Loc 4-24-2



~~Dragon Hill pond  
 NW 1/4 NE 1/4 Sec 27 T 14 N R 13 W~~

Loc 4-24-3

~~...  
 NE 1/4 NE 1/4 Sec 27 T 14 N R 13 W~~

Loc 4-24-4

SL copper ... licks  
 NE 1/4 NE 1/4 Sec 27 T 14 N R 13 W



L-24-5

Top of ...  
...  
...  
... 141N B74W

Top of ...  
...  
SS ...  
... of ...

AT BASE of ...  
...  
...  
which had slumped ...  
...  
...  
...

→ Samp L-24-5-1

ON Boulder of ...  
BOTTE 40' above,

Stratified ...  
...  
...



2-24-0 NW, NW, Sec 36 T141N

~~Q. 300  
m. 500  
m. 1000  
m. 1500  
m. 2000  
m. 2500  
m. 3000  
m. 3500  
m. 4000  
m. 4500  
m. 5000~~

2-24-1 NW, NW, Sec 25, T141N, R95W

~~Q. 300  
m. 500  
m. 1000  
m. 1500  
m. 2000  
m. 2500  
m. 3000  
m. 3500  
m. 4000  
m. 4500  
m. 5000~~

L-24-8

High hills  
L.M. SECTION  
SW, SW, Sec 23, T 141 N, R 95 W

L-24-9

KAOLINITIC grey F.V. outcrop  
with a rather F.V. appearance  
SE  $\frac{1}{4}$  NE  $\frac{1}{4}$  Sec 4 T 141 N R 95 W.

L-24-10

KAOLINITIC channel/lensing  
out within a distance of  
 $\frac{1}{4}$  mile exposed in  
outcrops NW  $\frac{1}{4}$ , NW  $\frac{1}{4}$ , Sec 36  
T 141 N R 95 W.





L-24

L 4

L-24-10

L-24-14

L-4-10

L-24-10

*[Faint, illegible handwritten notes]*

*[Faint, illegible handwritten notes]*

*[Faint, illegible handwritten notes]*

NW 1/4 NW 1/4 Sec 28 T 70N  
R 96W

*[Faint, illegible handwritten notes]*

U. Channel. TX  
SS 1 5 1 1 17 T  
41 4  
17W on NW

*[Handwritten scribbles and marks on the right margin]*





2-24-17

~~CAMELS BUTTE E of N. H. Road.  
G. V. on W. side of BUTTE  
FAIR SECTION~~

July 25 1944 ✓



Section 4  
T 10911 R. 12 W.

G.V. base covered in  
A LOT OF Telephone  
Tower LITTS.

- 2'

Some 4 ft in size  
The N side of the  
and some in size  
50.  
Some rocks with  
marks on them

Some sph. ...  
...  
...  
...

Some y 1/2 +

Some y 1/2 +

see, 2 201



110. 5Y 6/4

CARB trash in many of 1 pl  
color carb trash. 5Y 6 5/2

- 0.2 5Y 6/4 limonite ST4  
medium bedded with  
Thin bedded s.s. with  
layer of spherical  
limonite on top of CRIT  
Some of the pits base  
MUCH OK to limonite

color at 3' 5Y 6/1  
Some limonite

25

114. 10 V. 5Y 7/2 clay, 10 YR 7/2

115. Very decomposed limonite  
with carb trash. 5Y 7/1 & 5Y 7/1

116. The A very thin bedded  
s.s. with carb trash  
bed of limonite  
Some carb trash  
V. I. 5Y 6 5/2 for carb  
5Y 6 5/4 for limonite  
few poor leaf fossils



L-25-1



6.7

- UNIT 301  
 9 ✓ 54  
 7.21

7.7: Vtg N-8  
 5.17 51.

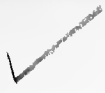
9.3 N-8  
 5.17 51.

9. SITST. do 5.3 - N-8

11. SITST. do 5.3 - N-8  
 5.17 51.

13. Chippy  
 5.17 51.





2-25-2

Dragonfly Pond

NW, NE, Sec 5, T140N, R95W  
H. Hards Co.

F. U. (?)

3'

15' R 1/2 (W-T)  
Sh 5/8 ft

29'

SLTY MASSIVE chippy  
10' R 5/8 Sh. WITH  
ARCS ST. 5/8  
30' 1" ST. 5/8 of 5' 5/8

4.1

G. V

MASSIVE 2' 5/8 ft  
CLAY, 1' 5/8 ft  
L. 1/8 ft 5/8  
1' 5/8 ft

5

N-8 MASSIVE  
5' 1/8 ft  
17 N+6.5 MASSIVE  
chippy 5' 1/8 ft





L-25-2



sh.

Wh. Color white V.M.  
5X8/1

25

Thin bedded siltstone, v. fine  
planar, micaceous, shaly  
clayey, brown, med. ss.

26

Coarse bedded siltstone A  
to AT 10000 00'

Coarse bedded siltstone

at bottom





12-20-17 ✓

12-20-17 (1) ...

12-20-17 (2) ...

12-20-17 (3) ...

12-20-17 (4) ...

12-20-17 (5) ...

12-20-17 (6) ...

12-20-17 (7) ...

12-20-17 (8) ...

12-20-17 (9) ...

12-20-17 (10) ...

12-20-17 (11) ...





Subrules

- 1. 1980 U. 1980 U. 1980 U.
- 2. 1980 U. 1980 U. 1980 U.
- 3. 1980 U. 1980 U. 1980 U.
- 4. 1980 U. 1980 U. 1980 U.
- 5. 1980 U. 1980 U. 1980 U.
- 6. 1980 U. 1980 U. 1980 U.
- 7. 1980 U. 1980 U. 1980 U.
- 8. 1980 U. 1980 U. 1980 U.
- 9. 1980 U. 1980 U. 1980 U.
- 10. 1980 U. 1980 U. 1980 U.
- 11. 1980 U. 1980 U. 1980 U.
- 12. 1980 U. 1980 U. 1980 U.
- 13. 1980 U. 1980 U. 1980 U.
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- 17. 1980 U. 1980 U. 1980 U.
- 18. 1980 U. 1980 U. 1980 U.
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- 20. 1980 U. 1980 U. 1980 U.
- 21. 1980 U. 1980 U. 1980 U.
- 22. 1980 U. 1980 U. 1980 U.
- 23. 1980 U. 1980 U. 1980 U.
- 24. 1980 U. 1980 U. 1980 U.
- 25. 1980 U. 1980 U. 1980 U.
- 26. 1980 U. 1980 U. 1980 U.
- 27. 1980 U. 1980 U. 1980 U.
- 28. 1980 U. 1980 U. 1980 U.
- 29. 1980 U. 1980 U. 1980 U.
- 30. 1980 U. 1980 U. 1980 U.
- 31. 1980 U. 1980 U. 1980 U.
- 32. 1980 U. 1980 U. 1980 U.
- 33. 1980 U. 1980 U. 1980 U.
- 34. 1980 U. 1980 U. 1980 U.

35. 1980 U. 1980 U. 1980 U.

36. 1980 U. 1980 U. 1980 U.

37. 1980 U. 1980 U. 1980 U.

38. 1980 U. 1980 U. 1980 U.

39. 1980 U. 1980 U. 1980 U.

40. 1980 U. 1980 U. 1980 U.

L 20-1 ✓

36.1 sh  
Bl...  
Some...  
frag

36.3' 10 1/2

36.35

36.35 10 1/2

spec. laterally...

36.5 sh

36.5

36.6 1 LAP

36.7 Thin bedded 1/8" sh.

36.2 silty  
Pod of...



10000  
 10000 2 10000  
 10000 10000 10000  
 10000 10000 10000

11.8. 54 100 100 100  
 10000 10000

~~10000 10000 10000~~  
 10000 10000

Here 10000  
 10000 10000  
 10000 10000  
 10000 10000





A4.2 Home incipit  
 ...  
 ...  
 ...  
 ...

A4.3 Lignitic giss/o paper  
 ...  
 ...  
 ...

A4.8 ... fessle ...  
 h.s.

...
...
...
...

L-267-2 crushed ...  
 ...

...  
 3" Thick 2-4 ft dia  
 ...  
 5/7/1 for some other  
 ...



1. 1000 ft. ...

1000 ft. ...  
1700 ft. ...

1000 ft. ...

1000 ft. ...

1000 ft. ...

1000 ft. ...

1000 ft. ...



50. ...  
 100 ...  
 100 ...  
 50 - ...

63 42 57 678 X 13

---

24 1000 ...  
 65-6  
 62.8

66

Some ...  
 Some ...  
 100 ...  
 100 ...  
 100 ...  
 100 ...  
 100 ...

72' do ...



105 13 10 2/2 17 1/2 1/2  
11 1/2 5 1/2 1/2  
12 1/2 5 1/2

13 1/2 5 1/2

76 1 1/2 1/2 1/2 1/2  
5 1/2

77 - Covered

78 - 1 1/2 1/2 1/2 1/2  
1 1/2 1/2 1/2 1/2  
1 1/2 1/2 1/2 1/2  
with 1 1/2 1/2 1/2 1/2  
1 1/2 1/2 1/2 1/2

80 1 1/2 1/2 1/2 1/2  
1 1/2 1/2 1/2 1/2

81 1 1/2 1/2 1/2 1/2

82

90 1 1/2 1/2 1/2 1/2  
1 1/2 1/2 1/2 1/2



90.5 PLATEX, 0YB 6/4,  
MICROPOUS 270 51TST

92.5 Covered.

do 90.5 CAMP  
CITATION B.P.

95.5 Covered.

2 ft soil -

End Section.

2 2/8  
1/8

July 31, 1911 ✓  
500, 1, 2, 11

NW, Sec 36, T 141 N R 95 W.

SECTION

S. 1. ...  
S. 2. ...

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L 2 1 ✓

51717.

wh. col. sh. 10-11  
N-8, 5Y 7/6, 5Y 12  
MOTTLED.

11- MASSIVE, sh. 10-11  
N-8, 5Y 8/1, 5Y 12. 11  
SCATTERED, sh. 10-11, 11  
MOTTLED.

14 wh. col. sh. 11-20-15 N-8  
MOTTLED, sh. 11-20  
MOTTLED, sh. 11-20  
MOTTLED, sh. 11-20

18' do sh. No. 11-20 spars.

20' N-8 MASSIVE sh. 11-20

wh. col. sh. 11-20  
5Y 7/2

21. 5Y 7/1 MASSIVE sh. 11-20.  
which when silicified  
prob, forms sh elsewhere.







1000



1000 1000 1000 1000  
1000 1000 1000 1000

1000 1000 1000 1000  
1000 1000 1000 1000  
1000 1000 1000 1000

1000 1000 1000 1000

1000 1000 1000 1000

1000 1000 1000 1000



Stamp L-26-1-1

from 5.12 above  
24.7'

at 20.3'

L-28-1-L A. Bud?

caused scale.

Water lily leaves?

Some with a ~~radius~~  
of a radius of 6-8"

RF



Some

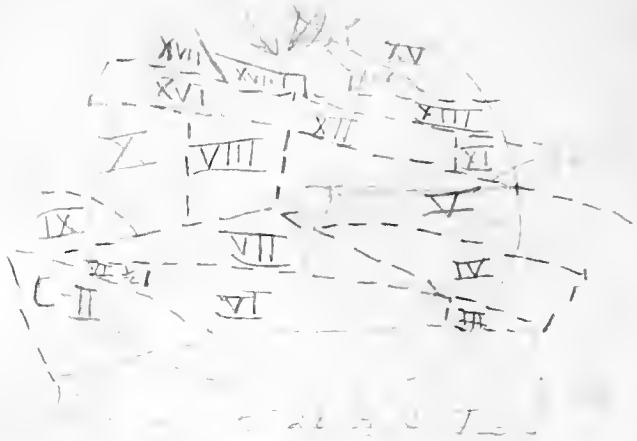
L-26-1-1



134d



114



July 29, 1964

Loc L-29-1-1

NW  $\frac{1}{4}$ , NW  $\frac{1}{4}$ , Sec 25 T141N  
R 9 SW

Fossils

L-29-1-1 from  
Lower grey unit  
Lower member 514.

A-3-1 ✓

1/20/1911

1000  
1000

F.D.

0

1000  
1000  
1000

2000  
1000  
1000  
1000

1000  
1000

1000  
1000

1000  
1000  
1000  
1000  
1000



15. 10h after 11.5 N-8  
 black dolomite small lumps  
 A massive bedded dolomite  
 massive bedded, med., SA.  
 Very ~~dark~~ rich, micac  
 fossils in upper 1/4 in.  
 SS. MASSIVE but with  
 some bedding of calc  
 fossils

16. SS. do. N-8 with less  
 bedding, micac abt  
 bedding planes  
 calc fossils at base

~~21. Stone and gullies fill~~

~~19.~~  
 20. Very light grey N-8  
 micacitic Almost pure  
 massive bedded ss. SA.  
 MASSIVE SS.

24 do 20'



20' 2 1/2" to 3 1/2" ...

21' 2 1/2" to 3 1/2" ...  
1 1/2" ...  
1 1/2" ...  
1 1/2" ...

31' 2 1/2" to 3 1/2" ...  
but 1 1/2" ...  
1 1/2" ...

34' 2 1/2" to 3 1/2" ...  
...  
...  
1 1/2" ...

35' 2 1/2" to 3 1/2" ...  
...  
...  
1 1/2" ...

36' 2 1/2" to 3 1/2" ...  
...  
...  
1 1/2" ...





41 to 46

SA. 7 1/2"  
MAY. KALONITIC, MASSIVE  
WITH ABT 370. L.A. 2000.  
SS. Poorly indurated.

41 to 41'

49.9

617d contact. G.V. base. rb. chost  
here AT 4999  
Thin bedded. N-7 MICHOOLS  
~~Thin bedded~~  
~~SS.~~

12YR 6/6 2.00 ST. ON  
G.P. ST SITST.

one 3' bed of do 45 ss  
in the unit.

51.2

SS d. 30

66 ...  
A ...  
5YR 4/1 beds are ...  
A. ...  
6.55 SS 60 36



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2. ~~thin bedded~~ with  
 some ~~thin~~ layers  
 a few ~~thin~~  
 INT ST.

2.5 - 3.0

71.5 - Varies  
 very clayey sh. 5/15'  
 MASSIVE with mic.  
 INT. ST.

72 - 5/11 VERY SLITTY  
 CLAY WITH OCC.  
 ST. UNITS  
 SL UNIT. INT. ST. 1/2  
 INT. ST. 1/2

7675 - 5/12 2/15

71.8 Upper mbr.  
 Thin bedded sh. silty  
 clay with rare ph.  
 frags. [Nelimbo bed]  
 Col. 5/11



221 0 100 2.11/2  
5.11 70 10.

22.2 100 100 100  
100 100 100 100  
100 100 100 100  
100 100 100 100

22.3 100 100 100  
100 100 100 100  
100 100 100 100

580/1 100 100  
100 100 100 100  
100 100 100 100  
100 100 100 100  
100 100 100 100

221 0 100 100 100

August 2, 1964



Sec 4-6-1

NE 1/4, NW 1/4

Sec 35 T 142N  
R 96W

Section 35 T 142N R 96W

F. U.

F.g. 2A, very silty, bedded  
10YR 5/4, micaceous, 10YR 7/6  
limonite, ss. with  
5YR 3/4 carb. thin in ss.

10YR 5/4, micaceous, 10YR 7/6  
limonite, ss. with  
5YR 3/4 carb. thin in ss.

sh. to med. clay  
with some carb.

4. CT & lim. ss. present  
above do 2.

47 ss grades into A  
slit. thin at  
A silty clay  
N-2, very micaceous, 470  
with some carb.

Golden Valley →



ST

YR

A-6 1-1 → Yell. min. 4.5-5.0  
MUCH CRACKED wood  
CRACKED STUBS

wh color 5/8 1/1 6 x

7.6 2.0 2.1 1.1 1.1 1.1  
1.1 1.1 1.1 1.1 1.1 1.1  
1.1 1.1 1.1 1.1 1.1 1.1  
2.1 1.1 1.1 1.1 1.1 1.1

wh color 4.5 N-65



10.7 - L. non 170 STAINED

10.8 - also 7.6. MUCH MASSIVE  
AGGREGATION  
LARGE 3' LAYERS  
MASSES AT 1' 10" 4 1/2'  
LAYER 7.1

Above 11' 55.1' 100' 2 1/2'  
m 57 10 d

12.4  
N-7  
VERY WELL 40 d  
N-8  
LAYER 5'

13  
N-8 MASSIVE some 100' 1/2  
LAYER 5'

14  
with 10/10 1/2 100' 1/2



20 1 1000 2 1000  
 1000 1000 1000 1000 1000

21 2 1000 1000 1000 1000 1000  
 1000 1000 1000 1000 1000

21 3 1000 1000 1000 1000 1000  
 1000 1000 1000 1000 1000  
 1000 1000 1000 1000 1000  
 1000 1000 1000 1000 1000



V

22- UNIT 2015.5 N-7.5

23.8 UNIT 2015.5 N-7.5

SYR 7/1 WITH 1015.5

1015.5 N-7.5

ST 2015.5 N-7.5

wh color sl. 2015.5 N-7.5

25.8. MA 2015.5 N-7.5

SYR 7/1 WITH 1015.5

1015.5 N-7.5

INOT 2015.5 N-7.5

27- UNIT 2015.5 N-7.5

SYR 7/1 WITH 1015.5

1015.5 N-7.5

wh color sl. 2015.5 N-7.5

1015.5 N-7.5

1015.5 N-7.5

1015.5 N-7.5

1015.5 N-7.5

✓

22. 1000 - 1000

1000 - 1000

201

1000

1000 - 1000

1000

38 5 1000

✓

2012

1000

1000

1000

1000

38 5 1000

1000

1000

1000

1000



1028 6/2 fissile shale  
 hole with ...  
 wh color 5Y 8/1  
 H-1

H.L. 4 1028 6/2 fissile shale  
 hole with ...  
 wh color 5Y 8/1

H.L. 9. 11-8 very fissile shale.  
 Bears SALVINIA for  
 8" inches starting  
 at 917

A-1-2 → Sample: A-6-1-2  
 Other pl frags as well  
 Diatoms, ferns.  
 Water lily frags at 42. =  
 Large Gyp xls wh from  
 This unit.  
 Wh color H.L. 9 - 5Y 8/1

Large Water Lilly Leaves  
 & SALVINIAS.  
 AT 42.8.  
 "Water Lilly" ... FAIRY Dells

✓

487

31

r

17/2

exc

488

1/1

exc



51 do 41.5

54 do cover inc on slope  
1157

55 ss. inc. amt. of carb  
trash on slope of it

56 Lignite <sup>possibly covered</sup>  
Supports the ...  
15R 2/2

57 5YR 6/1 very fine shale  
bearing plant fossils  
15R 2/2

58 5YR 8/11, <sup>now</sup> ~~15R~~ 15  
but is chippy

60 5YR 6/1 - Lignite  
very crumbly &  
SOOTY many gyf xls  
N-1 to 5YR 2/2  
with limonite 10YR 8/6



Yellow Series

~~\_\_\_\_\_~~  
~~\_\_\_\_\_~~  
~~\_\_\_\_\_~~

~~White Series~~

62. 8 1/2 ...  
... ..

63. 3 covered

←  
... ..  
... ..  
... ..

64. 1 1/2 ...  
... ..  
... ..



66.5 DIST 25' across A  
 MAS. 00 clay  
 Abt 270 large  
 flakes. 5y 6/1  
 Sequoia trays present.

67.5 Clay becomes a little  
 with  
 large mica flakes  
 Then

67.6 7 y 6/1 SA, 100% mica.  
 non-saturated, massive,  
 100% mica, 1 y 6/1  
 containing spherules of  
 minute stained  
 cemented sand with  
 y 6/1 100% 7/2  
 100% 7/2

67.5 CONTAINS VERY  
 large log of petrified  
 wood.  
 Sample A-6-1-4

70 Covered,  
 71.8- white color 10R4/4  
 Broken pieces of 10R4/4  
 Calc. concs. containing



Sequoyia 7 plus 50  
frags  
1000 1 11-8.  
4-1-1-6



August 7, 1960

500 4-7-1 ✓

SE, NE, Sec 27, T142N, R96W

0'

6/2  
Thin PL...  
Finely bedded

7

Wh color...  
Wh color... 2.2-3.5 M?

3'

Y... bedded...  
Layer of...

3.5

3.5 6/1 MASSIVE...  
Some... 4-14

3.5 1" layer of discoidal  
4" dia. silicified

✓

20/11 11.00 1000.00  
2/2 1000.00

1000.00 INCS.  
1000.00 INCS.

1000.00 INCS.  
1000.00 INCS.

1000.00 INCS.  
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1000.00 INCS.  
1000.00 INCS.  
1000.00 INCS.

✓

~~13.5 - 14.0~~  
~~14.0 - 14.5~~  
~~14.5 - 15.0~~

13.5 - 14.0 ... ss  
14.0 - 14.5 ...

~~14.0 - 14.5 ...~~  
~~14.5 - 15.0 ...~~  
~~15.0 - 15.5 ...~~

14' ~~A~~ SY s/s slightly silty  
with sh. with many  
small ...  
layers  
6' s/s

15.1 Vfg, mic, s/s, SY s/s  
silty, ss with  
many plates fossils  
discs & ...  
Bottom 2" is well  
ind limon cemented  
10' s/s



1000 1/2 ... SYR 2/2

... 1000 ...

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2077

N-1

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7

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...

47-1



177/1

174/1

175/1

176/1

177/1

178/1

179/1

180/1

181/1

30,1

N-7

CONCRETE

175/1

182/1

183/1

184/1



1st of the month  
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 1st of the month

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37.2 24 11/11/11 11/11/11

10 BR 7/3, 11/11/11, 11/11/11  
11/11/11, 11/11/11, 11/11/11

11/11/11, 11/11/11, 11/11/11  
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11/11/11

37'

11/11/11, 11/11/11, 11/11/11  
11/11/11, 11/11/11, 11/11/11  
11/11/11, 11/11/11, 11/11/11

37.7 11/11/11, 11/11/11, 11/11/11

Clay with MAX leaf  
frags all across pit 1/16 m.

37.9 11/11/11, 11/11/11, 11/11/11

✓

~~\_\_\_\_\_~~  
MIC 1/24 1941

~~\_\_\_\_\_~~

4.





47.5

11  
52m to 48

47.1 SVR 5/2 slightly  
f. sandy STST.  
mod. well ind.  
NO N Calc.

Thin bedded

48.7

~~SVR~~, carbaceous STST  
STST WITH carb wood  
frag. a poor pl. ind.  
Well indurated

Wn color. SP. 1

50.6 Fissile, SVR 7/4, sh.  
with carb wood frag.

52.7 Fissile, STILY clay  
10YR 6/2 STAINED  
10YR 6/6 NO pl. frag.  
Some gyp in crust.



1. 2. 3.

1/2

1. 2. 3.

1. 2. 3.

1. 2. 3.

1. 2. 3.

1. 2. 3.

1. 2. 3.

1. 2. 3.

1. 2. 3.

1. 2. 3.

1. 2. 3.

1. 2. 3.

1. 2. 3.

1. 2. 3.

1. 2. 3.

1. 2. 3.

1. 2. 3.

1. 2. 3.



Aug 1957  
7

65.8  
Upper mbr.

with N-1 carb frags

M

65.3 massive, clay

69.4  
Wh. m. sh. 25-30%  
with 1/2 to 1" ST to top  
5Y 7/2

69.2  
5Y 7/1 with some

A-7-1-20  
A-VL(N) A. g. YGodium



9

1176 area - 10-20-20

11. 30-10

15. slightly to the right

12/8/7 - 10-10-97

in few poor 10m rays





215 Whippo Valley, 5/6/12

CS 109A 5/6/12  
needed 10/12

10/12 10/12 10/12 10/12

10/12 10/12 10/12 10/12

10/12 10/12 10/12 10/12

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10/12 10/12 10/12 10/12

10/12 10/12 10/12 10/12



88. Thin bedded 576/4  
 5175T. micaceous  
 Abt 270

90 do do

92 vfg micaceous 370  
 578/1 ss. min  
 indurated & app  
 massive.  
 see Lim nodules,

95' 5175T. 578/1 with  
 beds of wh. yp  
 97.2 in fossiliferous micaceous 578/1  
 101 1074/2 mottled wh.

99.5 do 92 except  
 2 to 3' at base

101. 1078 6/4 vfg ss.

Some pieces of  
 thin platy white



COAST GUARD 13  
1000 1000 1000

1000 1000 1000  
1000

1000 1000 1000  
1000 1000 1000



ONE 1000 1000  
1000 1000 1000



Aug 13,

Loc A-13-1



North of abandoned ranch

S. 1/4 NW 1/4 Sec 21 T. 21. N. 21. W. 9W

Lower Mor 6.4. very silty  
without well developed  
orange layer. Instead  
at lower part of orange  
layer a thin layer  
of yellow clay shale  
comes into sharp contact  
with the lower group

fact E. V. S. J. 1910

Upper 2 ft of L.M. 15  
broken up into  
white sand typical  
L.M. ss. in places  
a water lily zone of  
L.M.

L.M. 25'

L.M. 20 TO TOP of cliff

J

SOS 11

NE, NE, No 24, T 142N, R 6W.

0	<p>TYPE 1000 Typ. 5.000          EXPRESS MAIL THE          PRINTING          NEW YORK          S'S + S'S          1/2 1/2 1/2          1/2 1/2 1/2          1/2 1/2 1/2</p>
---	---



Few east. dip. f. l. corals  
on slopes

G V

7.5

Covered interval.

CONTACT BETWEEN F.V.-G.V.  
IS IN THIS INTERVAL BUT  
IS COVERED IN A GRASSY  
BENCH. HOWEVER, IT IS  
PROBABLY A CORRELATING  
RELATIONSHIP SINCE G.V.  
AT THIS PLACE HAS A CHANNEL  
BENCHING.

7.8

Very fine

7.8

Very fine, thin bedded  
... sh.  
Bearing some small ...  
... 4  
at a word - page.

Wh. color 5' 6 1/2

7174 AT 8.3

8.5

F. 9, MICACON, 22, 10xR 7/2,  
channel bedded lenticular  
UNIT 17 ... with some  
... sh.

102 ✓

10 Coler 10 yR 7/2

Some 10 yR 7/2

fresh seed

37

12 Coler 10 yR 7/2

Some 10 yR 7/2

Thin 1/2

5 yR 7/4

30

1310 → ATL 102

A-13-2

V

15.8 5YR 6/1, 9.5 1 + 100%  
 16.0 5YR 6/1, 9.5 1 + 100%  
 16.2 5YR 6/1, 9.5 1 + 100%  
 16.4 5YR 6/1, 9.5 1 + 100%  
 16.6 5YR 6/1, 9.5 1 + 100%  
 16.8 5YR 6/1, 9.5 1 + 100%  
 17.0 5YR 6/1, 9.5 1 + 100%  
 17.2 5YR 6/1, 9.5 1 + 100%  
 17.4 5YR 6/1, 9.5 1 + 100%  
 17.6 5YR 6/1, 9.5 1 + 100%  
 17.8 5YR 6/1, 9.5 1 + 100%  
 18.0 5YR 6/1, 9.5 1 + 100%

Slope color 17-25 ✓  
 17-7

17.4 5YR 6/1, 9.5 1 + 100%  
 slope wash

17.5 10YR 6/1, 9.5 1 + 100%

24 do 20.5

26 10YR 6/1, 9.5 1 + 100%  
 NY 9 100%  
 massive than below





1  
2  
3  
4  
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42  
43  
44  
45  
46  
47  
48  
49  
50

37, 70 H3

some parts of earth  
min. has mineral particles

33 f. y. SA. MIC. Abt 270 (SAsolm)  
10 YR 8/2 SS.

Aggr. ...  
...  
They are ... in it.

36 v f g ...  
...  
some ...  
color ...  
... 10 SPA

37, 8 S17ST 40 20  
whole of this unit has  
limonite ...  
fillings of ...  
places.

37, 27 MIC. , clayey S17ST.  
N-915-417. app. ...

42, 10 40/2 exc. ext. ...  
... Limonite

✓

wh. refer to slip - 4/5

MILACOUS 4/26

44.7 SYB/1

Upper member.

45.51 ...

then a ... AB 1/2

non ...

few poor ...

SYB/1

...

color SYB/1

wh. refer to slip - 4/5

to top SYB/2

...

44.7 4' ...

but not white

SYB/1

UNIT shows ...

...

30 ft. ... AT BT 1"



V

VERY SLTY CLAY OR  
SITST AT 49.9

50.5. UNIT becomes a mic. 17.  
SITST Bedded 1/2 to 1"  
ONE 10YR 6/6 LIMONITE  
ST SITST, Bed with  
1/2" AL CRUSTS AT  
51.9

LIM LAYER

51.6 Lim. 1/4" layer

52.8 SITST do 50.5  
10YR 7/2

SITST AT THIS UNIT  
HAS IS CALCAREOUS

54. 54. Very mic. 2" layer  
well bedded clay  
then bedded 1/4" calc  
SS thin 10YR 8/2  
56 Less well bedded  
strw. do. 12  
10YR 8/2

✓

5010

Ledge of ...  
X L ... laminated  
... well  
... fine  
SS. ...  
herring bone ...  
mica ...



Wh. ...  
...

Above 56.5 ...  
LAMINATED

...  
...  
...  
...  
...

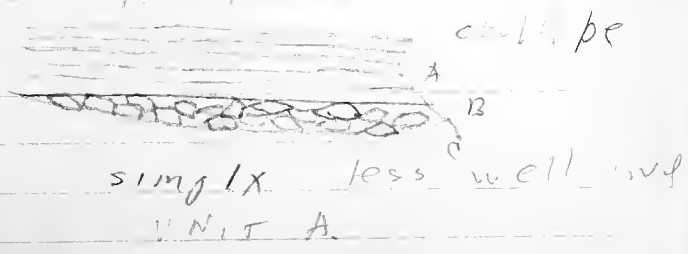
...  
...  
...  
...  
...



ATRIAL SYSTEM  
 ABOUT 4" THICK becomes  
 LATER & ... OUT  
 TO ...

... indicated by  
 MIC 270, CALC SS.  
 becomes ... in ...  
 wh color ...

67 ... channel of  
 ... ss ...  
 ... There is a  
 2" ... of ...  
 ... size of the ...  
 ... which is ...



✓

67  
Date: 10/24/54  
SS. 1-10  
R.P. 1-10  
Sample 1-10

Camp A-B-2-1

68  
Date: 10/24/54  
SS. 1-10  
R.P. 1-10  
Sample 1-10

Camp A-B-2-1  
Date: 10/24/54  
SS. 1-10  
R.P. 1-10  
Sample 1-10

Camp A-B-2-1  
Date: 10/24/54  
SS. 1-10  
R.P. 1-10  
Sample 1-10

Sec. A-10-3

✓

10' - 15' ...  
A-10-2

...  
...  
...

0' Fort ...  
Lower ...  
Contact ...  
...

7.5. A pseudo SL ...  
of silicified ...

7.7 ...  
...

11' ...  
Chippewa ...

11.9 ...

12 - Upper ...



NE 1/4 Sec 5 T12N R12E

[Faint, mostly illegible handwritten text, possibly describing land parcels or survey details. Includes phrases like "containing", "more or less", and "to wit".]



99  
99

6.5. 2015/16 11.1.16 10.1.16  
 10.1.16 10.1.16 10.1.16  
 10.1.16 10.1.16 10.1.16  
 10.1.16 10.1.16 10.1.16

10.1.16 10.1.16 10.1.16  
 10.1.16 10.1.16 10.1.16  
 10.1.16 10.1.16 10.1.16  
 10.1.16 10.1.16 10.1.16

12' do 9.3 1.1.18  
 some SRA 5/6 staining.



1.

... ..

... ..

... ..

...

... ..

... ..

... ..

... ..

... ..

... ..

... ..

... ..



✓

28.

381 Ridge ... 1000 ft.

200 ...

300 ...

... 1000 ft.

29.

Top of ...

H-S ...

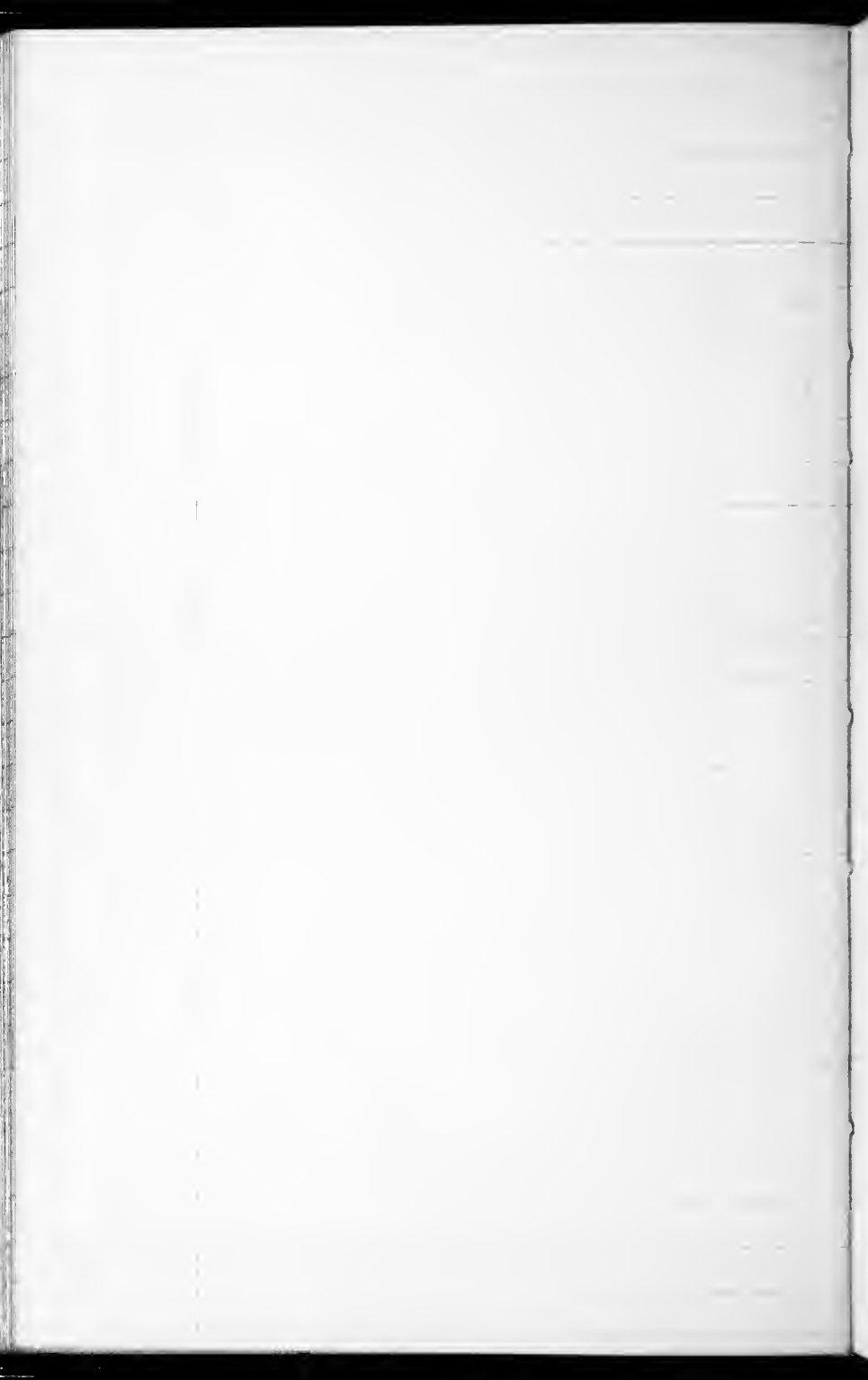
39.5

...

77  
4  
...











**MINIATURE**  
**PERSONAL ACCOUNT BOOKS**  
for home and office



NO. 2044 OPEN STOCK  
in following rulings  
JOURNAL • CASH • S. E. LEDGER  
RECORD • D. E. LEDGER



NO. 2044-A ASSORTMENT  
consisting of  
3 - JOURNAL 3 - CASH 2 - S. E. LEDGER  
2 - RECORD 2 - D. E. LEDGER



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Made in U.S.A.







