

No. 24



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Phosphates. 1911-1912

Indexed June 18, 1915.

Notes on 2500 1911

27/12/1911.
If lost, kindly please
send this note book by
express to The Florida State
Geological Survey, Tallahassee,
Fla. and oblige.
E. Sellards. State Geologist.

17. Lutton Phosphate Co. 2
Standard mine No. 2.

Lutton Phosphate Co.
Standard no. 6. worked out & closed
about May 1911.

18. Lutton Phosphate Co.
Juliette mine no. 22.

Note Comp. Starting two new mines.

Lewellon no. 5
closed during the year.

The Interstate Chemical Co.
one pit & washer 70,000.

Bradley own the Pierce &
has bought the Palmetto Phos

Land Reclamation Region
 Crowned two washers,
 + a third being built,
 Standard working one plant
 Prairie Reclamation working 6 pits,
 Mr. Kell chemist.

The phosphate Mining Co.
 Building ~~two~~ a new
 plant.

Owens plants of Christmas &
 at Nichols

The Phosphate Mining Co.
 south of Mulberry now owned
 by the International Agricultural
 Corporation,

Prince started new mine
 in it's lands west.

Swift & Co new mine near
 Alafia on S.A.L. on Alafia River

Zettiger,
 Zelsemeyer.

at Lohland mine

Mr. Eldridge at Prairie Reclamation
 Office

Mr. Wair Engines.

Mr. Watson mng. } interested
 Mr. Perry est. " } Phos. Co.

Phosphate plants in 6
operation at the beginning of 1910.
in order from north to south.

No

1. Hutton No. 10.

In Suwannee County near Columbia
County line. About 2 mi. N. of Hildreth.
Closed in Feb.

2. Schilmon and Bene.

S. 20. T. 6. S. R. 16. E. 1/4.
Plant about 1 mi. S. 1/2 mi. N. E. of Lake City
Junction.

3. Cummer No. 3. S. 18 - 8 - 17.

1 3/4 mi. N. + 1 3/4 mi. N. of Clark.

1 3/4 mi. N. of S. A. L. R.R.

4. Central Phosphate Co. No. 20.
sect. 25. T. 8. S. R. 16. E. near the east
side and midway section north to South.
South of S. A. L. to name of west of
Bass town + near it.

5. Cummer No. 7. S. 30. S. 1/4. 8 - 17.
about 1/4 S. 1/2 mi. South of last + on
east side Bass town also near it.

Mining

6. Mutual Phosphate Co. S.A. 7
S. 36, S.E. $\frac{1}{4}$, 8-16
 $1\frac{1}{2}$ to 2 mi west of Wade. East side
of S.A.L.
7. Mutual S-B. S. 36, S.E. $\frac{1}{4}$ - 8-16.
about $\frac{1}{8}$ mi. W. of R.R. of S.A. on west
side of S.A.L. & Bensham. Closed
temporarily in Dec. for repairs.
8. Lutton No. 9 - S. 12, N.E. $\frac{1}{4}$ - 9-16.
on east side S.A.L. & west side Bensham.
9. Lutton No. 7. - S. 13, S.E. $\frac{1}{4}$, 9-16.
at Luttons commissary just east side of
Bensham, also east of S.A.L.
10. Mutual No. 1. - S. 30, N.W. $\frac{1}{4}$ - 9-17
just east of S.A.L. also east of Bens
ham - about $1\frac{1}{2}$ mi S. of Lutton.
11. Mutual No. 2. - S. 23 - S.E. $\frac{1}{4}$ & 26. N.E. $\frac{1}{4}$.
west of Bensham, also west of S.A.L.

12. Lutton No. 12. S. 24, S.W. $\frac{1}{4}$, 9-16. 8
west of fork S.A.L. & Bensham.
Closed Oct.
13. Lutton No. 3. - S. 24, S.W. $\frac{1}{4}$, 9-16
west of fork S.A.L. & Bensham.
Running.
14. Curran No. 2. - S. 25, N.W. $\frac{1}{4}$ - 9-16.
west of S.A.L. & Bensham.
mining & also 7 1910
15. Camp Phosphate Co. Williams mine.
S. 6, N.W. $\frac{1}{4}$ - 10-17.
west of S.A.L. & Wilcox; west of Bensham.
closed down. Property belongs now to Mutual
about 200 ft
16. Lutton Standard No. 6.
west side of S.A.L. about $\frac{3}{4}$ mi south
of depot at Standard.
Running.
17. Dennis and Blanton
 $1\frac{1}{4}$ mi N.W. of Juliette, begun operating
late in Dec. 1909.
18. Luttons Juliette No. 22.
about 2 mi west of Juliette, & $\frac{1}{2}$ mi N. of
Lunellon.
19. Lunellon Phosphate Co. No. 6.
S. 24 (near west side). - 16-18.
about $\frac{1}{2}$ mi N. N.E. of Richwell Station.
20. Lunellon Phosphate Co. No. 10.
S. 26, N.E. $\frac{1}{4}$ - 16-18. just south
of Richwell P.O.

21. Camp Phosphate Co. - Ray mine. 9
west side of river & south side of
Blue run.
22. Schilmon and Bene.
S. 36, S. E. $\frac{1}{4}$ - 16 - 18.
on north side of the river.
23. J. Buchenbach and Co.
S. 1 - 17 - 18.
"River mine". north side of the river.
24. Camp Phosphate Co.
S. 12, N. E. $\frac{1}{4}$ - 17 - 18.
about $\frac{1}{2}$ mi from S. & H. RR & on
the west side.
25. Lunellon Phosphate Co. # 7.
Sec. 7, N. E. $\frac{1}{4}$ - 17 - 19.
Plant on west side of the river.
dredge working on the east side.
Closed for repair in Nov. 1910.
26. J. Buchenbach and Co. Synd No 3.
on west side of S & H. about $\frac{1}{2}$ mi N. of
north.
27. J. Buchenbach and Co. Synd No 1.
Sec. 3, S. W. $\frac{1}{4}$ - 18 - 19. west side S & H.
about $\frac{1}{2}$ mi south of No. 3. above

28. Lunellon Phosphate Co. # 2.
Sec. 10 - 18 - 19.
on west side S & H.
29. Lunellon Phosphate Co. # 5.
S. 14, S. W. $\frac{1}{4}$ - 18 - 19.
about $\frac{1}{2}$ or $\frac{3}{4}$ mi east of Felicia station.
30. Lunellon Phosphate Co. # 11.
Sec. 26 - 18 - 19.
on S & H just west side of track.
31. Mutual ^{mining} Phosphate Co.
on east side of A.C.L. about $1\frac{1}{2}$ mi
south of Hernando.
32. Southern Phosphate Development Co.
Sec. 19 - 19 - 20
about $\frac{3}{4}$ mi. S. W. of Murren.
33. Bradley Phosphate Co.
Sec. 28 - 20 - 20.
34. Mutual Phosphate Co.
 $1\frac{1}{2}$ N. W. of Pinola, & about $4\frac{1}{2}$ mi
S. of Floral City. Being repaired.

35. Istachatta Phosphate Co. 11
Sec. 8-21-20.
Antimony suboxide.

36. J. Buschenbock and Co.
Sec. 24-22-20.

37. Thompson

Sec.
Just N of Newell station abt $\frac{1}{2}$ mi.
constructing plant.

Land Pebble Section. 12

1. Coronet Phosphate Co.
dryer plant in sec. 2-22-29
Two pits & two washers.

2. The Standard Phosphate Co.
dryer plant in sec. 13-23-29
 $\frac{1}{4}$ mi S. of medulla on east side A.C.C.
one pit.

3. The Medulla Phosphate Co.
dryer plant in sec. 24-23-29
on east side A.C.C. of Christina.
This Co. is same as the phosphate Mining Co.
Two pits & two washers.

4. Prairie Pebble Phosphate Co.
dryer plant in sec. 2-23-30
about $\frac{3}{4}$ mi N.W. of Newberg.
Eight pits

5. The Phosphate Mining Co.
central plant in sec. 8-23-30
Two pits & a third being opened.

6. The Florida Mining Co.
central plant in sec. 12-23-30
one pit

7. The Pierce Phosphate Co.
central plant in sec. 36-23-30
one pit & two washers.

8. Florida Phosphate Mining Corporation.¹³
Central plant in sec. 23 - 24 - 30
one pit.
9. Dominion Phosphate Co.
central plant in sec. 1 - 24 - 31
one pit & one washer in operation.
10. Armour Fertilizer Company.
central plant in sec. 9 - 24 - 31
one pit opened after Aug. 1909.
11. ~~State Phosphate Co.~~
~~State Fertilizer Co.~~
central plant in sec. 10 - 24 - 31
one pit in operation.
12. Palmetto Phosphate Co.
central plant at Tiger Bay in
sec. 20 - 25 - 31.
Two pits being opened.
13. Charleston Mining and Mfg Co.
central plant in sec. 21 - 25 - 31
just on west side of C.C.
Two pits being opened.
14. pits in sec. 26 on west bank
of Pierce creek.

15. International Phosphate Co.¹⁴
central plant in sec. 21 - 25 - 32
just east of C.C. of Jones Bay.
one pit operating.
16. Tilghmore Phosphate Co.
central plant in sec. 25 - 24 - 32.
not operating at close of 1909.

Phosphate mines in ¹⁶
operation Jan. 1, 1911.
In order from north to south.

1. Curran No. 3 S. 18-8-17.

*no
longer
N.W. 1/4* $1\frac{3}{4}$ mi n + $1\frac{3}{4}$ mi n of Clark.
 $1\frac{3}{4}$ mi n of S.A.L. B.R.
will probably work 2 or 3 months of 1911.

yes 2. Thompson's mine. T.A. Thompson.
~~Probably~~ In Sect. 21-8-16.

yes 3. Central Phosphate Co. No. 23.
Sect. 25-8-16. near the east side
of Sect. + midway north and south.
S of S.A.L. to corner + west of Barrington.
($8\frac{1}{2}$ S.W. 1/4 + S.W. 1/4 + N.W. 1/4 of SE 1/4)

4. Mutual Mining Co. S.A.

yes S. 36, SE 1/4 - 8-16.
 $1\frac{1}{2}$ to 2 mi west of Wade. E of S.A.L.

*yes
no
want
much* 5. Mutual S.B.
S.E. 1/4 of S. 36 - 8-16.
about $\frac{1}{8}$ mi W. of N.W. of S.A.
on W. side of S.A.L. + Barrington

closed early in year.

6. Lutton No. 9

NE 1/4 Sect. 12 - 9-16.

On E. side A.C.L. + west of Barrs tram.
will close old chert

7. Lutton No. 7.

S.E. 1/4 Sect 13 - 9-16

Commonoy plant.

8. Mutual No. 1 - Albion A.

N.W. 1/4 Sect. 8. 30. 9-17.

9. Mutual No. 2 - Albion D.

SE 1/4 Sect. 28. or NE 1/4 Sect. 26.
9-16. west of A.C.L. + Barrs tram

10. Mutual - Albion F.

about 1/2 mi N.E. of Mutual No. 2.
Probably on sect. 24 - 9-16.

11. Central No. 24.

NE 1/4 + SE 1/4 N 1/2 of 8 1/4 Sect 24, 9-16.

12. Lutton No. 3.

S. 1/4 Sect 24. 9-16.

west of both S.A.L. + Barrs tram.

13. Cummer No. 2.

N.W. 1/4 Sect. 25 - 9-16.

The large pit about 29.7 acres aug 1910.
Mr. Weston by Mr. Dodge

14. Franklin Phosphate Co.

No. 2 in Sect 30 Probably east side.

This is the plot of the office.

dry pit mining. 9-17. H. H. H.

15. Franklin Phosphate Co.

No. 3. probably in Sect 30 near the

west side - 9-17 of A.C.L.

using hydraulics. north of A.C.L.

16. Franklin Phosphate Co.

No. 4. in S.E. 1/4 Sect 6, 10-17.

using hydraulics to remove overburden.

This one known as the Neal Mine.

South of A.C.L. to west

17. Cummer Phosphate Co.

No. 5. Sect 3. 10-17.

about 1 mile due west of Newberry.

South of A.C.L. to Wilcox

18. Lutton Phosphate Co.

Molineux plant No 1.

Sect 17. - 11-17

In Levy County. Removing overburden.

No work removed in 1910. One well drilled 400 ft
without sufficient water. Second well
about 200 ft. or less Dec. 21, 1910.

19. Luttons Standard No. 6 19
west side of S.A.L. $\frac{3}{4}$ mi S of deth.
marked on abt map.
20. Luttons Standard No. 2. (?)
21. Luttons Duluth No. 22 (?)
22. Dunellon Plos. Co. No 6.
about N of N.E. of Rockwell Station.
23. Dunellon No. 10.
at Rockwell.
24. Camp Plos co. on River at Dunellon
25. Camp Plos co. Roy mine at "
26. Schilmon and Deane
on east side of River above Dunellon
27. J. Buckenbuck Co. No. 1.
River mine east of river in 1-17-18.
28. Dunellon Plos. Co. Sect 1 -
29. Camp Plos. Co.
Anderson mine
30. Camp Plos co. Sugar loaf.

31. ~~J. Buckenbuck~~
Dunellon Plos. Co. No. 7.
Plant on river.
32. - J. Buckenbuck Co.
Sylvan No 3.
33. - J. Buckenbuck Co
Sylvan No 1.
34. Dunellon Plos. Co. No. 2.
35. - Dunellon Plos. Co No. 4
36. - Dunellon Plos Co No. 5.
- 37 - Dunellon Plos Co N. 12
- 38 - Dunellon Plos Co N. 11.
- 39 - Southern Plos. Plac. Co.
Inverness, Fla.
40. - Holobe Plos. Co.
3 mi S.E. of Inverness.
- 41 - Lutton Plos. Co. No. 25 -
1 mi west of Forest City -

42. - Mutual Phosphate Co. 27
1 1/2 mi. N.W. of Pineola

43 - Bradley Phos. Co.
8 mi. N. of Fossil City

44. - Istochatta Phos. Co. *working*
Sec. 8. 21 - 20.

45 - J. Buckenbach & Co.
Crown mine -
Sec. 24 - 22 - 20

No. of plants operating
in the hard rock section
at beginning of 1910 was 37
" " " 1911 " 45

The total number of plants
operated during all or part of the
year ¹⁹¹⁰ was ~~as follows~~ 52.

1. Hutton No. 10. In Sumner County
closed in Feb. according to M. Sexton
2. Schilmon and Bere, plant near
Lake City Junction, closed in the summer.
variously operated June to August
3. Cummer No. 3.
4. Thompson Phosphate Co.
5. Central Phosphate Co. No. 25.
6. Cummer No. 7. 8. 30. 8. 17.
7. Mutual 5A - 8 - 16
8. Mutual 5B - 36 - 8 - 16
9. Hutton No. 9. 12 - 9 - 16
10. Hutton No. 7. 13 - 9 - 16
11. Mutual No. 1 - 30 - 9 - 17
12. " 2 - 23 - 9 - 16
13. " Abbott F. 24 - 9 - 16

- 14 Central No. 24 - 24 - 9 - 16²³
 New plant started up during the year in fall
- 15 Hutton No 12 24 - 9 - 16
 closed down before end of year
- 16 Hutton No. 3. - 24 - 9 - 16
- 17 Cummer No. 2 - 25 - 9 - 16
- 18 Comp Phosphat Co. 6 - 10 - 17
 closed down during the summer.
- 19 Franklin Phosphat Co No 2 - 30 - 9 - 17
 started up during the year
- 20 Franklin ~~Phosphat~~ No 3 - 30 - 9 - 17
 started up during the year.
- 21 Franklin No 4 - 6 - 10 - 17
 started up during the year
- 22 Cummer Lime Co. No 5 - 5 - 10 - 17
 started up during the year.

To get the total number of plants
 which operated during a part or all of
 1910. add to the above.

46. - Hutton No 10. In summer &
 closed in Oct. 1910.
47. - Schuler & Bone plant near Lake City
 Junction closed in summer 7/8/10.
48. - Comp Phos Co. No. 6. willow river.
 closed during the summer.
49. - Henries and Blounting.
 near Juliette.
50. - Cummer No. 7.
 near Clark & S. W.
51. - Hutton No. 12.
 closed in Oct.
52. - Muted ~~mining~~ Co.
 south of Turner
53. -

Phosphate Mines in

26

Operation Jan 1, 1912.

in order from north to south.

Hard Rock

1. T. A. Thompson mine on north side S. A. L. near Maale. Fla.
sect 21-8-16.

2. Central Phosphate Co. No. 25
sect. 20-8-16. South of S. A. L. to name,
and west of Bars from on
 $\frac{1}{2}$ of ~~the~~ NW $\frac{1}{4}$ and S W $\frac{1}{4}$ of S E $\frac{1}{4}$.

3. Mutual Mining Co. S. A.
sect. 36-8-16. S E $\frac{1}{4}$
 $1\frac{1}{2}$ to 2 mi west of road on east side
S. A. L.

4. Curran Phosphate Co No. 8.
S W $\frac{1}{4}$ of S W $\frac{1}{4}$. sect 7-9-17
constructed & begun operating during 1911.

5. Dutton Phosphate Co No. 9.
NE $\frac{1}{4}$ sect. 12-8-16
On west side of Bars town and on
east side S. A. L. closed about
Christmas 1911. & very early 1912.

6. Mutual Mining Co - Albion T.
Probably on sect 23 - 9-16
(Mr. Tower. Gen manager.) 27

7. Central Phosphat Co. No. 24.
NE $\frac{1}{4}$ and NW $\frac{1}{2}$ of SE $\frac{1}{4}$ of sect 24 - 9-16
(Mr. Grand Gen. mg. Mr. Collins in
the office)

8. Lutton Phosphat Co. No. 3
SE $\frac{1}{4}$ of sect 23. near line of sect. 24
9-16.

~~9. Lutton Phos Co. No. 6,
will be built during 1912~~

9. Cummer Phos Co. No. 2
NW $\frac{1}{4}$ sect 25 - 9-16
Pit includes in 1911 about 29.7 acres.
(Mr. Weston Gen. mg. Mr. Hedges Gen. Sec.
Mr. Hedges foreman at 25.)

10. Franklin Phosphat Co. No. 2.
sect 30 - 9-17. Plant at the office.
near east side.

11. Franklin Phosphat Co. No. 3.
sect 30 - 9-17. near the west side.

12. Franklin Phos. Co. No. 4.
SE $\frac{1}{4}$ sect 6 - 10-17. the real mine
(Mr. Norfleet, Gen. mg. Mr. Abby
in the office)

13. Cummer Phosphat Co. No. 5²⁸
sect 5 - 10-17. 1 mile west Newberry.

Cummer No. 9 is being built &
will operate in 1912. on NE $\frac{1}{4}$ of NW $\frac{1}{4}$
of sect 7-10-17.

14. Cummer Phos Co. No. 6,
one mile south of Newberry.

15. Lutton Phosphat Co. No. 4
sect. 28 - 10-17
was built and began operating in 1911.

16. Lutton Phosphat Co.
Molineux Plant. No. 1.
sect 17-11-17 in heavy Co.

17. Lutton Phosphat Co.
Standard No. 2.

18. Lutton Phosphat Co.
Juliette mine No. 22.

19. Llewellyn Phosphat Co.
No. 6. north of N.E. of Rockwell.

20. Llewellyn Phosphat Co.
No. 10. Plant at Rockwell.

21. Buckenbach Phosphate Co. 29
New Plant N.E. of & near Lunellon,
on west side Blue Spring Run,
Began operations during 1911.

22. Camp Phosphate Co.
Rising mine at Lunellon,
expected to make out in about 2 months.

23. Camp Phosphate Co.
mine farther up the River

24. Schilman & Bene.
on east side of the river above
Lunellon.

24. Schilman and Bene, New Plant

25. J. Buckenbach and Co.

26. Lunellon Phosphate Co.
No. 1. Sect. 1.

27. Camp Phosphate Co.

28. Camp Phosphate Co.

29. Lunellon Phosphate Co. No. 7. 30

30. J. Buckenbach and Co.
Syndicate.

31. Lunellon Phosphate Co. No. 2.

32. Lunellon Phosphate Co. No. 4

33. Lunellon Phos. Co. No. 12
north west of & near Hernando

34. Buckenbach and Co.
west of Hernando.

35. Lunellon Phos. Co. S
south-west of Hernando

36. Southern Phosphate
development Co. Jurners.

37. Holder Phos. Co.
3 mi S.E. of Jurners

38. Holder Phos. Co. "

39. Lutton Phos. Co. No. 20
1 mi west of T. Coal City

40. mutual phosphate Co.

41. Bradley Phosphate Co.

42. Estocholla Phosphate Co. at Crown

43. J. Buckenbach Phos. Co. at Crown

mines that worked a 31
part of 1912 & closed down.

a. Cammer No. 3 closed early in 1911
also T. H. Thompson & C. H. Dennis
began a mine about 7 mi. N. W. of
T. H. White, but delayed by litigation.

f. Mutual Mining Co. 5 B.
closed early in 1911.

c. Lutton Phos Co. No. 7.
closed during 1911.

d. Mutual Mining Co. Albion A.
closed during 1911.

e. Mutual Mining Co. Albion B.
closed during 1911.

f. Lutton Phos. Co.
standard mine; closed
about May, 1911.

g. Shenellon No. 5. closed during 1911.

25

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Lowell Pebble Section 1912.

1. Caonet Phosphate Co.
Two pits and two washes
and building a third washer.

The Standard Phosphate Co.
2. One pit. one washer.

3. The Phosphate Mining Co.
The plant at Christina burned
during 1911 & is being rebuilt.
Two pits working at Nichols.

4. Prairie Pebble Phosphate Co.
said to be working six pits. now owned
by the International Agricultural Corporation.

5. The Florida Mining Co.
now owned by the International Agri-
cultural Corporation.

6. The Pierce Phosphate Co.
owned by the Bradleys, who have also recently
purchased the Palmetto Phosphate Co. They
own also the Charlotte Harbor northern RR.

31

7. The Florida Phosphate Mining 33
Corporation.

8. The Dominion Phosphate Co.

9. The Armour Fertilizer Co.

10. The State Phosphate Co.
owned by Swift Fertilizer Co. are
opening a mine near Alafia on
Alafia river in Hernando Co.

Interstate Phosphate Corporation

30,000

5,000 on land

more than 30,000 shipped

$\frac{1}{3}$ foreign

11. The Palmetto Phosphate Co. 34
sold during 1911 to the Bradleys. (Pierce's)

12. Charleston Mining and Mfg. Co.

13. Les Phosphates de la Floride.
Began work 1911, but first phosphate mined was
only in 1912.

14. The Germofert Mfg. Co.

15. The International Phosphate Co.

16. The Interstate Chemical
Corporation

The amalgamated Phosphate Co.
now building plant in sect 24 on
Hooker man.

Some bones from Picher leaf 436

XV. 5.

Rib from the sub 7 no. 5. 20 ft
from the surface coll. by H. D. Cook.

T. M. Cook. Newbury. Fla
send list of publications

Buff yellow sands

Sec 1. 10-16. about
3 mi west of Newbury. Drill
project hole 45 ft deep in
buff yellow sand. evidently new.
Lloyd. Jan 14 1913.

J. M. Nixon. Levy Co
10 mi south of Archer + 1/2 mi East.
Hallowell's place 10 miles north of
Archer.

C. H. Lloyd. Ocala. Fla
Top. map. on which he will place
location of phosphates

32

38

~~Mutual map Types of fire~~

~~" 1 1/2 East of Newbury Sec 2, 10, 17~~

~~Partial 2 but clear only
temporarily.~~

See W. H. Hum. Floral City Supp
mines of the Mutual Co. no 379
Lins at no. 3. Hummer bones.

Fossil wood from Mutual
no. 5. coll by M Tower.

M Tower took two very
large teeth from
Lunellon mine old
"veil" mine. Teeth in plaster box

J. A. Prater. Supp. sugar Hill.
Halebr. Fla all publications.

Jack Boyd. Probably Halebr.
Supp mutual mine. card

202. Shialto. Lunellon. R. H. T. 39

Phosphate Mines in Operation⁴⁰ Jan 1, 1913.

1. T. A. Thompson mine near Istachatta.
2. Hutton's dredge mine about 2 m south of Neals
3. Central Phos Co mine no. 25
shut down temporarily. Sect 25-8-16.
4. Cummer Phos Co no. 8. T. C. Bailey Supt.
SW $\frac{1}{4}$ of SW $\frac{1}{4}$ Sect 7-9-17
5. Mutual Phos Co. Plant at Office
6. Hutton Phos Co. No 3
A. C. Fowler. Supt.
7. Central Phos Co. No. 24 Sect 24-9-16
closed temporarily in Jan. 1913
8. Cummer Phos Co No 11
Sect 25-8-16. H. L. Hodges Supt.
9. Franklin Phos Co No 2.
Office plant. being repaired. began Jan 17/18.
10. Franklin Phos Co No. 4
Sect 6-10-17. T. C. Freeman Supt.
11. Cummer Phos Co No 10
being built. will operate in Feb. 1913
12. Cummer Phos Co No 9.
Sect. 7-10-17 E. F. Robertson Supt.

13. Cummins Plos co. No. 8 J.W. Thompson Supt. 47
1 mi south of Newbury
14. Mutual Plos co. H.L. Dennis Supt. 48
1 1/2 mi east of Newbury.
15. Lutton Plos co. No. 4. 27-10-17
not running temporarily on account of water
16. Lutton Plos co. Mohawk Hill
Sept 17-11-17 in dry co
not running temp on acct of water.
17. Lutton Plos co.
Standard mine
18. Lutton Plos co.
Juliette mine. Williams, Supt.
19. Luellon Plos co. No. 10
near office of Rockwell.
Leighton Abbott, Supt.
20. Luellon Plos co. new plant
being constructed and will begin
probably in Feb.
21. Buckenbach Plos co
Blue Run mine "Short tunnel"
near Luellon. Mr. Perry, Supt.

22. Camp Plos co.
Blue Run mine. East side of Blue Run.
J.L. Godwin Supt. 42

23. Cullen River mine 1 1/2 mi above
Luellon. J.L. Cornell, Supt.
Temporarily closed & not operating Jan. 1913.

24. Buckenbach Plos co. River mine,
1 3/4 mi up river from Luellon
Mr. Hickson Supt.

Insert w. 34. here.

25. Camp Plos co. 2-log mine.
L.L. Ghiotto, Supt.

26. Camp Plos co. Mutual mine.
Jack Boyd, Supt.

27. Camp Plos co. Sugar ^{Hill} ~~loaf~~
J.A. Prater Supt.

28. Buckenbach Plos co.
Syndicate no. 3. H.W. Rivers Supt.

29. Luellon Plos co. #9.
J.W. Hae Supt.

30. Luellon Plos co. #8
L.A. Roswell, Supt.

31. Luellon Plos co. #2.
W.S. Terry Supt.

32. Lunellou Plos Co # 11 43
 nr King Supt. near Hernando
33. Lunellou Plos Co # 12.
 near Hernando. nr. King Supt.
34. Buckeafelt Plos Co. Greg mine.
 near River mine. (see 24).
35. Southern Plos. Her. Co.
 nr. Oliver Supt. near Juveness.
36. Halder Plos. Co. plant # 2.
 4 mi. S.W. of Juveness. W.L. Dorsett Supt.
37. Rutton Plos Co # 24
 J.B. Townsend Supt.
38. Rutton Plos Co # 25
 J.B. Townsend Supt.
39. Isstockatta Plos Co.
 Paul Gerod Supt.
40. Buckeafelt Plos Co.
 Croom mine. F. Ludwin Supt.
 L.S. Beel former Supt.

Note. The Bradley plant. B.R. Hines
 Supt. is temporarily idle.

Mutual Plos. Co. building new
 plant about 1 mi from old # 3. B.H. Dunn Supt.

Notes for permanent record.

44

The coming, or image in stone, was
 obtained ^{Jan. 15, 1913} from Lee Cornwell colored
 who was working in the pit of Camm's no 8.
 Cornwell said that he found the specimen
 four years ago in previous in Camp's
 mine at Felicia in Citrus County. He
 said that the specimen was on top of a
 flint boulder near the bottom of the pit.
 When first taken up it was white
 from the material sticking to it. He
 afterwards cleaned it off. He said
 that his mother had kept the
 specimen most of the time since it
 was found, and only about a
 week previous when moving he
 put it in his pocket. Cornwell said
 that Joe DeRose and Joe Glomer were
 working in the pit. A.T. Thomas was Supt.
 of the mine and H.L. Ghiotto pit Foreman.
 H.L. Ghiotto was seen at Camp's 2. log
 mine near Lunellou Jan 17, 1913. He had not
 heard of the specimen. Joe DeRose was also
 working under Ghiotto. He had never seen
 the specimen.

This specimen was shown to Holmes
 or W.S. not named. He says that it is clay
 burned or pottery, but unlike anything American.

A sink in Bradford county about 45
13 mi south of west of Lake Butler
and about 2½ mi S.E. of Providence
known as Billings sink or at least 5
on Billings place, shows a good
exposure of the Apalachicola group
probably the Hottel formation.
A few fossils altho well preserved.

Some ~~for~~ silicified tree trunks
are found on the west side of the
A.C.L. Ry road track near an old
shanty about ³/₄ mi north of
men to ^{on land of J.P. Robinson} says
that Sam Tegner some years
ago obtained leaf impressions
of apparently palms, from the clays
at this locality. regis corroborates
said some. A well ½ mi south of
the locality at another tenant house
shows.
8 ft sand
10 " clay
18 " Vicksburg limestone

In recall see Mr. H. Von Hord for fossils.
see white at Ferguson Govey some all fossil wood.

46
A specimen closely simulating
a turtle head was forwarded from
T.H. Alley in office of Franklin Plos Co.
Jan. 17, 1913. Found to be piece of Mastodonte
tooth. Mr. Retard Jan. 24, 1913.

Films 5 & 6. Exp Jan 16, 1913.
one of the conglomerate layer in
cannon's no. 5.

Small coll. fossils from Lawrence
Hallam at Franklin no. 4.

write the following supt. of Hemmellon Plos.
Co. mines.

Mr. J.W. Hore, Holder, Supt. plant no. 9.

J.H. King, Hernando. Supt. Hemmellon no. 11 & 12
L.A. Boswell, Hernando " " no. 8
W.B. Terry, Hernando " " no. 2

J. E. Gordon. Hamilton F. Co. Box 183.
publications. also forwarded from him 47
coll. of one horse tooth & 10 shark teeth.
Suff. Co. Blue River mine.
now at Buckhorn Creek

Sample of Vicksburg forwarded from
Heister Hamilton Richwell. come from
Hamilton no. 10. 84% Calcium phosphate

obtained from Heister coll. of blocks
fossil bones from picker belt of no. 6
some of these to be returned.

obtained from Heister small coll.
including several horse teeth from
the picker belt of Hamilton no. 5.
some of these to be returned.

The collection of Jos. S. McIntosh
Carg. to Hamilton Bros. Co. Richwell.
contains ^{Jan 18, 1913} three elephant teeth. one
foot bone presumably of the elephant
one other vertebra probably of the elephant
" piece of leg bone femur or humerus of elephant?
also three bivalves, each about 5 inches
across preserved as casts. These last
from no. 9. Location of others to be given
later. See letter of Feb. 6th 1913. from the
bed of the Willamette River

For photographs of the phosphate ⁴⁸
the Pacific Islands. write Albert F. Ellis.
% Pacific Phos. Co. Limited. Melbourne or
Sydney, New South Wales Australia.

Heister suggests that for fossils see
more at plot no 5 Hamilton Co.
and nobles at Hamilton no. 3.
also Wylie Hall at " no 8 or 9.

Williams of Juliette mine says see
John P. Robinson at Decola for Montodon
taken from Callers River mine.
also see Suff. Callers River mine of
specimens for specimens (This is probably Cornell
whom I saw at Callers mine Jan. 17. & got
two Montodon teeth from him).

Harry Peters, at his saloon in
Hamilton has one good small Mos-
todon tooth and one vertebrae. The
vertebrae is about 5 in in diameter & 6 in long
& shows rib attachments.

At Jacksonville see 49

Mr. W^m M. Angus, 315 W.
Fasgth st. who is said by Harry Peter
of Hamellon to have a large collection
from the phosphate mines.
Mr. G. H. P. Seddin is in charge of the
office.

at Lealla see the collection of
the Comp Plos Co.

About one half dozen
miners were asked if there was any
relation between the grade of rock
and the number of bones. all of these
without exception replied that where
bones were abundant the grade of rock
is soft to red low. Among these were
T. A. Thompson. Canell. J. E. Seddin.

Several miners report that sharks
teeth are most abundant where near the
limerock.

Many think that bones are not as
abundant now as formerly and
some think this is because the mining is deep.

With regard to the few bones seen in 50
place all agree that they are in a rock
deposit, not in the gray sand.

No bones have ever been observed
in the overburden by any one

Collection of Dr. Byrnes. Holab Cortois.

From Buchenbach River mine.

1. one well preserved Elephant tooth ^{from mine}
2. Two incomplete mastodon teeth.
3. Rhinoceros tooth, also a fragment.
4. One modern Hippotamus tooth.
5. Two large teeth of camel (?)
6. Several horse teeth.
7. One small foot bone
8. One large foot bone (mast. or elephant)

From Buchenbach No. 34.

One small turtle. part of carapace.

From Buchenbach "Cummer" mine at Wade.

1. one specimen silicified wood. (1801)
2. one small toe bone
3. One incisor tooth.
4. Some horse teeth.
5. One part of leg bone of (mast. or elephant)

Some phosphate is found on ⁵¹
the Ocklocknee River near
Eureka. See L. Chazal for exact
locality, analyses according to Byström
as follows. 74, 61, 75, 70, 71, 74
+ 73. Single boulder specimens as
follows 82, 82; one oolitic specimen
64%. Iron & alumina about 2.25
always less than 3 of 2 wt of alumina.

In West Va. some phosphate is
found associated with rutile.
when disassociated from the rutile the
phosphate analyzed 85%. See L.
Chazal for exact locality.

Review of "Florida, South Carolina,
and Canadian Phosphates by C.S.
Hoyer Miller, Edeu Fisher & Co. London 1892.

Adv. contains mention of "The Phosphate
Fields of Florida" by some author & publisher 1891.

Introduction - importance of phosphoric acid

1840 Dr. Justus von Liebig suggest the use of sulphuric acid
to crushed bone to render phosphoric acid soluble.

In 1845 Prof. Henson recommended the use of
the Cambridge coprolites.

p. 19 valuable production of phosphate in 1880 given
" in 1890 given

p. 20

p. 23. discovery of the phosphate of South Florida credited to
2 Francis Le Baron. in 1881. Re-examined in 1886.

p. 24 - First shipment of phosphate in May 1888. 10 car
loads to South Fertile's works at Atlanta.

p. 25. discovery of hard rock by A. Voght in May 1889.

p. 31. Whitaker Phosphate & Fertilizer Co. were then

1892 selling ground rock for direct application.

p. 32. Varieties of pebble (1) A pure white a cream
colored. hard enamel surface & soft interior.

(2) white chalky variety easily crushed.

(3) Brown partially covered with cream to blue colored
enamel, very hard polished surface

(4) Brown. hard surface. interior brown

(5) very hard pebble. rough fogged surface

(6) Bright slaty-blue and white. surface undulating.

(7) purple-blue, surface hard (8) white porous

(9) white to cream. hard fogged (10) very porous. light, easily broken.

Six other varieties of River pebble.

p. 50. Gamble creek, a tributary to 53
Monatee is said to be very rich in phosphate
altho the iron and aluminum is very high
as much as 18%. Much bone along the river.

p. 52. Low list of, for royalty to state on all phosphate
taken from navigable waters. Oct. 5, 1891

p. 62. The first shipment of hard pebble
was made by the Pharr Phos. Co. in May 1891.
1000 tons produced up to Dec. 1891.

p. 73. Classification of the hard red pebbles
by N.H. Pratt quoted.

1. Homotaxial type of boulders, curved plates.
2. Conchoidal type, hard boulders smooth, breaking
with conchoidal fracture.
3. Wedgehead type, semi-conchoidal fracture looks
like semi-porcelain ware.
4. The druse type, soft white matrix like in feel.
5. White, but in ledges or boulders, much like no. 3.
6. Fossil type showing fossil impressions of Orbitolites.
7. Thin dark type darkened by water.

Miller adds another type found in
Ocklawaha River but does not describe it.

The outlying plate rocks is called
the pebble type & compared to the
pebble of Polk Co. p. 78.

p. 78. The Marion Phos. Co. was the first 54
to mine hard red in 1889 broke ground in
Dec 1889 near Huellock & shipped first rock
in April 1890. Huellock Co. began in Feb 1890 &
shipped in May 1890.

Shells both from
International Phos. Co. and
Feb. 1913.

Natural size.

Fla. Surv. Coll.

Pebble Phosphate mines 1913, 56

1. Coronet Phosphate Co.
2. Standard Phosphate Co.
3. Prairie Pebble Phosphate Co.
4. The ~~Florida~~ Phosphate Mining Co.
Nichols.
5. The Florida Mining Co. mubbery.
6. The River Phosphate Co.
7. The Florida Phosphate Mining corporation
(Boysen)
8. The Dominion Phosphate Co.
9. The Armour Fertilizer Co.
10. The State Phosphate Co.
11. The Palmetto Phosphate Co.
12. The Charleston S.C. mint and mol. Co.
13. The International Phos Co.
14. The State Chemical Co.
15. The amalgamated Phos Co.
Cheese (Removing overburden, not rock).

The Pembroke Co. Jamaica. n.y. 58
 Some the coarser material from the washer
 & crush it. They also saw the pebble on
 a 20 mesh screen. 5 to 8 tons of rock
 saved this way each day.

See letter file for analyses of material from
 the dump of the Pembroke mine.

Some oysters taken from the
 Pembroke mine in collection of
 Jamaica.

On the H.C.L. Rd. $\frac{1}{2}$ mi
 north of Cross Bayou at an old
 rock crusher & pit, a shell mound is
 found. Small collection taken.

also $1\frac{1}{2}$ mi north of Cross Bayou
 Some mound with shells found in
 ditch near Ry track. Small collection
 taken. A similar mound is said
 to occur extensively in the flatlands
 of that section.

at Bay View 6 mi east of Clearwater.
 a hard limestone. *Tonpa functioni*? is
 exposed at the water edge, while at

Cleowater, on the 20 ft bluff 59
facing the Gulf, a blue &
dark calcareous clay is exposed,
about 8 or 10 ft of this stratum.

On the upland $\frac{1}{2}$ to $\frac{3}{4}$ mi
east of Cleowater is a road
covered ridge with spruce pine,
apparently on old dune.

June 18, 1917

meter at office 102 49 + 88.2
Dickinson Bluff road 82 or 0

Scrub hill 4.4 mi 120

" " 6.2 " 175

Line at Allen place 13.1

Count out by side trip from

13.1 to 13.4 = 2.3 miles.

Set back to 13.1

Fuller earth on property of
W. H. Allen, north side of Sec. 36. 3 W.
& 1 S. Fuller earth found in pits.
Barometer read 125 at River and 80

Fossil bones in Allen Bluff on
E. river side here.

at 17.7 miles from Tallahassee by meter.
(marked 19 by mile post & 18 for the
tiny woods road). Small creek 1 mi
beyond ^{Harvey} creek. Mireux road at
shore level on south side of
rock, probably in sections # 84 17.
Barometer read 120. May B. at 110.
This branch called Houll Branch.

on Freemans Creek
 Green sandy clays of the
 Alum Bluff of water level
 in mill site.

By meter 19.8 from Toller
 my Barometer, 85, H in wet 61.80

Jackson Bluff. Air low.
 about 28 ft 7th Alum Bluff
 down with falls east of the
 top. opposite two layers of
 fullers earth with columnar sandstone
 between 1 1/2 or 5 ft thick.

meter 23.2 + 102.75
 my Barometer read 80 on top of bluff.

From Jackson Bluff to Juncy
 meter at Juncy, 102.92
 fullers earth on alluvial + Rich Cornfield creek

June 19, my Barometer at Juncy 210
 " " " " " " 140
 Small meter at 0

Fullers earth on Willamette River

From Juncy 6.3 mi.

my barometer 140.

Turned to mt Pleasant at 9.0

Barometer read at 11.1

Now stream of fullers

Left Barometer read at 11.9

Turned back at 15.0

about 2 1/2 mi

mt. Pleasant 20.6

Barometer 240

So on the Stensel trail to King's River about
 2 1/2 to 3 mi. turn to Rosedale on Harding
 place.

Old Jamieson fullers earth 160

my Barometer 170

Linnets. Barometer 180. meter 33.8

Barometer at River mouth 115

large meter 10331

Coast & Suckley Dunes Barometer mark
 30 ft 11 meter 244.5 S.A.L. depth + 90 ft

small main track. 79.606

Level of top of rail of main track.

In front of depot 78. ft. (77.953)⁶³

Bench mark at River on right bank, north side of track about

200 ft from water, M.S.A. 63.13
Bench mark + rail on Ry track, 19.00

water level June 19, 1917 46.33

water gauge at this time between 374 ft. water level of section of

Second on. R.R. 7.5 on gauge (p
This level of water was then 46.33 + 4 = 50
above sea level.
Measurements by Hopkins & Silliman

June 19, 1917, water level in River to logs of calcite crystals. 38 ft

Same to top of solid limestone. 89 1/2 ft

Elevation of limestone (top) above sea 135.85

Elevation of rail on bridge above sea 82.13
water level below rail of Ry track 35.8

Floor of the Boat House at landing 26.4
water at high tide stood above floor 1.8
28.2

Intention some water comes to gauge (1.0)
- mounds of stone above boat
from this to Ry track line about 3.00
Check on level at depot 77.953

64

June 20.

Water at River Junction 103.38
smaller water as 0

Barometer set at actual level 78
" " " " top of calcite crystals

" " " " top of calcite body 135

Barometer at Snicks 95

actual Ry level 97

actual carried level of Ry 91

Terence a level from the River & Dock at 100 ft

actual level of Plate on small dock 7 m 232 ft

this plain continues to old 5.8

miles west to surface of 1.8 west of Snicks.

Hill at 8.9 west of river 2000 ft, my friend

225 by Hopkins.

Barometer at top of limestone on hill

measuring of cliff (summit of hill) 100 ft

at the Bridge 70 + to water from 50 ft.

to hill 22 - also

Barometer at Bridge 70

at depot monna 95

actual level of depot 63.13 m 89

200 carried level of 64 83

This rock with level in cliff at River 33 ft

meter at monna 0

Barometer at station 89.

On the main road - Coltonville road
 9.3 miles from Macon is
 a quarry (1 mi. west of
 Coltonville) This resembles the
 upper bed of rock on the hill east of
 Macon. Barre rock (Heflin) 130
 Barre Heflin & state rock 132
 my B. station rock 90
 Cleary meter of 13392 +
 my barometer at 21.1
 90

June 21.
 Barre at Cleary at 113
 " on rock hill 210
 Heflin on " 235
 Heflin on highest hill 225
 The dip of the inclined plane of
 the rock in this hill is directed to the
 west. Crown Hill on 300
 well on property of J.M. Brink
 9.9 miles south of Cleary.

Limestone Rock on property of
 A.L. Brink. 3 mi. East of Warsaw
 on the new Oak Ridge Road.
 House on south side of road. Limestone
 bed of Garden south of the house
 Barre rock Heflin 138
 corrected reading.
 Ledge of hard rock. Teredo-like holes. Tubes.
 3 ft. rock beneath with many gastropods as corals.
 Creek on Cleary-Warrior Road
 1.1 mi. south of Cleary (at 1 1/2 or 2 mi. from
 Warsaw Barre 140 or about ten
 feet lower than the limestone.

June 22.
 meter on 104 32 + 34.2
 Rock Quarry at 36.6
 Elevation of quarry
 of distance 113.
 The rock at this place is hard. It contains
 many very large fossils well preserved.
 Strata just at the ground here. Place locally
 called cedar grove.

chiefly on return from quarry 39.3 67
 well drilling by Gray & J.M. Coural 40.1
 level of the det 176. Log
 Elevation of well
 Red sandy clays 0 + 80
~~Log of well.~~ Hard gray limestone 80850
 90-173. soft limestone
 173-175 hard sandstone
 175-176 loose sand,

Coltordelle

Exposure of limestone on road Hill
 About 1 mi^(.7) east of Coltordelle & on
 the north side of the road.

Vexillary limestone as indicated by
 Pecten Boulsoni. also quantities of arbores
 Ostrea richsbisus +

Clypeus Rogersi

Elevation.

meters of Apalachicola River 10482 + 84.7
 River further 12 m. meters 10485 + 87.2

meters of lumber 10481

Juncus meters 10509 + 11.4 98

68

Exposure at the public road bridge
 crossing Little River on the Quincy Road
 a shell marl resembling the
 Chisolm marl & lying below the
 fuller earth

Tolla

10532

June 20. Shifere in line between the
 dyot

Expenses.

June 15.	Bowling for trip + air	1.38 .20
June 16.	Bowling for trip + River fish air	1.38 .20
June 18.	Bowling for trip + Johnsons Bluff air	1.38 .20
June 19.	Seattle & Quincy	1.38 + air .20
June 20.	Bowling & maine	1.40 + air .20
June 22.	Bowling of	1.40

June 18 meter at Tolla 10246
 19. " " " " 10291
 20 " " " " Run motor
 " " " " Marina 10367

87

Exp.

June 15	Tolla	5 gal oil	1.38
"	16	" oil 1 qt	.20
"	"	5 Gals	1.38
"	"	oil 1 qt	.20
June 18	"	5 gal gas	1.38
"	"	oil	.20
June 19	Survey	5 gal gas @ 28c	1.40
"	"	1 qt oil	.15
June 20	Marina	5 gal gas @ 28c	1.40
"	"	1 qt oil	.15

88

Plot (Till 2) approx 3
 cut over the top of the rock
 leading to field where planting
 sample was taken.
 Photographs taken
 Sand section in P.P. cut.
 Sand piled up by P.P. about
 3 ft. natural fine sand 6 ft.
 point clay formation 6 ft. H.
~~Top sand section.~~

No 2 sample
 with last lot on 6 11
 by position 14 & 15-16 below
 been removed, 8 in. above.

06

Soil at made.

Open pine land, well drained
 by subterranean drainage.
 limestone at no great depth.
 Sub holes numerous. Little or
 no palmetto, vegetation more
 grass and long leaf pine.
 Soil brown red colored very fine
 sand & 2 ft sample. Much the
 same but lighter in color and
 very pure quartz sand to 5 ft.

Soil at Houston

Sample from Sect. 33.-2-14.
 on right side of R.R. in cleared
 but abandoned field. Photo
 from (Film 1) from railroad embank-
 ment looking N.W. over cleared field to
 hammocks beyond. Soil dark
 for 6 in. with a gothic matter, below
 the chocolate to 5 ft. This is a brown.
 68 ms sample place.

See Robinson of plane letter
No 9. for shab to form letter No 12.
L. House. Power. for too.

26

~~Mullet No. 1. Mr. Sills Satt,~~

~~See me 29m or mullus 2
other.~~

~~No. 2. is Oblion D
probably on sect. 29.~~

~~New plant. Oblion F,
see Mr. Tomp. Ben Satt is
Mr. Jackson. Office.~~

Letter my Hunt at

Standard No. 2. Sent 31-14-20

Federal City. - sent in Feb.
Plant 23,
Sent 16. - 20 - 20

Marine Phosphate co. marked on
 alobia of a near moraine.

✓ No 9 Canner in South ridge
 A.C.L. & Canner

Canner in place No 8
 near Phillips community
 1 mi from No. 3 - No. 8
 Canner in place 2 mi N.E.

2 1/2 mi N.E. at south west
 section two new place
 Mr. Thompson. Kansas.

Newbury running at day 7 1911
 Canner No. 6. 1 1/2 mi due S.E.
 due 7.

94

Plots making close of 1910
 Beginning of 1911
 From south-north in the Newbury
 section.

1. Canner No. 3, about 1 mi west of Newbury
 on South side of A.C.L. to Wiley.
2. Franklin Phosphate Co. No. 4. in
 Sect. 6, S.E. 1/4, 10-17. (Neal mine).
3. Franklin Phosphate Co. No. 3 in
 S.W. 1/4 of Sect 30. 9-17.
4. Franklin Phosphate Co. No. 2 in
 S.E. 1/4 of Sect 30. 9-17.

Curran No. 5. - begun July 1910
a rather unusual mine. This is the
first below the pebble conglomer-
ate. The conglomerate still in
view. New part of pit opened up
shows sand quartz, black rounded
pebble like titanium iron, & yellow
sand & other nodules finely
grained. Then under 26 ft
of plaster of sand & nearly
conglomerate like rock from
mine.

Films 18 + 5 - & show crystals
of plaster with leucostone in
this part.

96

Franklin Phosphate Co.
No 2. 2. + 4.

~~No. 4. Neal mine. S. of A.C.T.
to Wiley. Sect. 6. S.E. 1/4. 10-17~~

~~No 2 in 30 9-17.~~

~~No 3 in 30 9-17.~~

~~main hydraulics in No 4 +~~

~~in No. 3. to take to~~

~~barber & part of the plant.~~

~~Mr Lewis Supt. of No. 3.~~

~~No 2 cut of No. 3.~~

~~dry pit mine. Had for~~

~~cont closed down.~~

~~Curran 5 B. 2(25).~~

~~In Sect. No. 5.~~

Photo #4, to show scarab
following pine in sandy
land. Taken just south of
the white head road to river,
near the line south,

Soil to 1 ft. Very fine sand
 color of fumes sugar. vegetation
 near Guss & sand oaks,
 Soil in cotton field $\frac{1}{4}$ m. east
 Some fine yellow sand to 5 ft.
 Sample kept. Said to grow
 this year about 1 bale to 4 or 4 $\frac{1}{2}$
 acres. Not brown white brittle
 under rock.

4 + 5 6

86

Land in vicinity of Mays.

160 acs farm. Hots to \$70
acrs in farming for \$800 to \$900
to \$1,000. This a few years ago
for about \$500 to \$600.

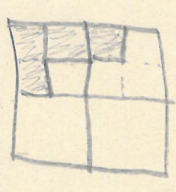
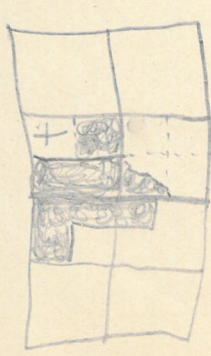
Land around Newbury.
See Hagar says that land in slope
to farm, excepting stump \$2.50 an
acre a few years ago now \$10.00.
Think he could sell cumm
land near town which has been
logged but still has some timber
at \$40 on acre. mild land.

~~Stutter, Molineux,
No. 1, Sec. 17-11-17~~

97

Sect. 33 extends from old
 Sney baid house where dikes are
 lying to north R. R. cut. land
 as follows: just west of house old
 abandoned field. Just east of house
 turpentine timber being marked. very
 good timber ^{1/2 mi} west ^{1/2 mi} east, small along
 field about 20 acres ^{1/2 mi} surrounded by
 homestead then homestead slope to
 cut.

Sect 4 includes whole of west side of
 west end of this cotton field & small
 farm house ^{1/2 mi}, west house &
 uncleared land opposite old field where
 sample was taken then slope to the
 cut. On this side of cut is a
 cleared field.



Sect 4,

001

Land & Soil.

Sect 2 T. R. 80 acres cleared open
 and 80 not open, timber cut off.
 Slightly growing up with oak.
 valued at \$1,000. owned by Mr.
 Collins. \$1,000 refused in Dec. 1918
 because it was then too late to
 find another farm for the coming
 season. Mr. Collins General statement
 of land value is cleared & ready to
 farm \$10 an acre. Timber cut
 off but oaks not cleared \$2.50
 per acre. Some Timber \$5 per acre.
 This applies to the rocky land of his
 section. The soil from a few to
 25 ft deep. Crop yield on
 row land, no fertilizer 10 to 15
 bu. on acres. Seed cotton 300 to
 400 or 500 pounds. Hog good
 crop especially for pork and
 chops, Ploughs 5 to 6 inches &
 considers this deep.

22
94

~~7 ft n tab Dec 20 1910~~

~~Huttons Plant in Sumner Co.
 cleared about March or April.
 "Q no. 950" willows plant cleared
 about "2 no. 1st lot" about
 6 no. 950 (Cordillera). Both about
 during summer 7 1910.
 agent of High Spgs. 2000 ft
 Hutton cleared 1" of April 94
 called 1" of June 94
 Six to 5000 Sumner plant cleared Feb.~~

16601
29.601

~~See Bm Seby my Hutton
 Barton Walsh 24. "
 22 miles Standard
 near Bm Floral City,~~

~~Centred Co. Cental 24. 2nd
 near Huttons. Plant 3. 2nd 10.
 NE 1/4 + SE 1/4 to N. 1/4 75 C 1/4.
 Sec 20. 8 1/2 of NW 1/4 2
 S W 1/4 + NW 1/4 of SE 1/4.
 NW.~~

