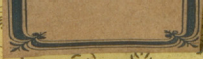



The image shows the front cover of a book bound in dark red, textured leather. A brass clasp with a decorative, scalloped cutout is attached to the top edge. In the center of the cover, there is a small, rectangular, cream-colored paper label with a blue border. The label contains handwritten text in black ink. The text is arranged in two lines: the first line reads "C. Bieton" and the second line reads "1868". The book is set against a dark, textured background.

C. Bieton  
1868

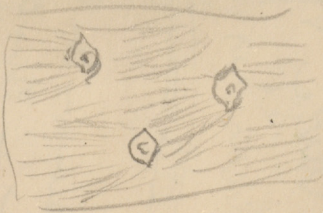


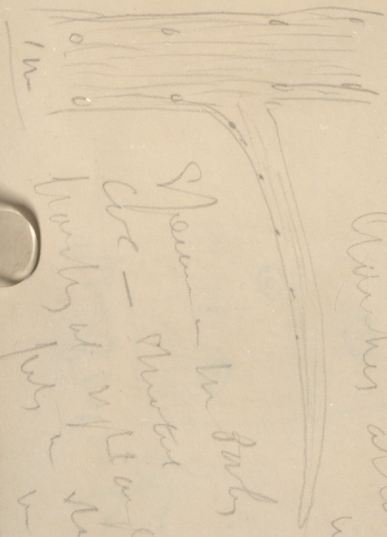


Jessie  
Hants  
M. Cove

109

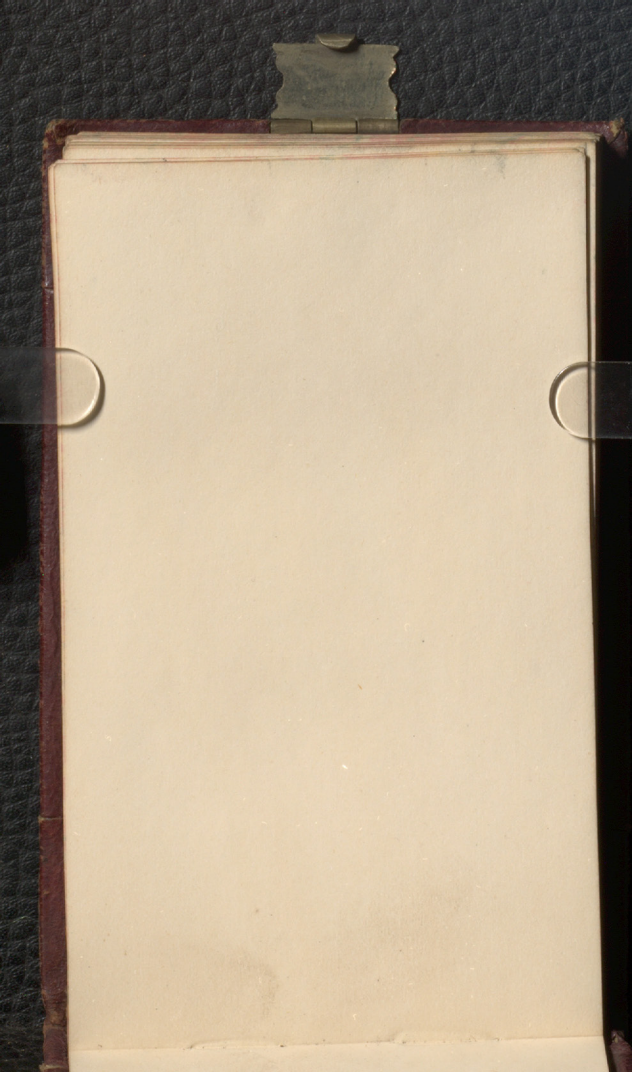
Mr. Poles Cole  
Gambier

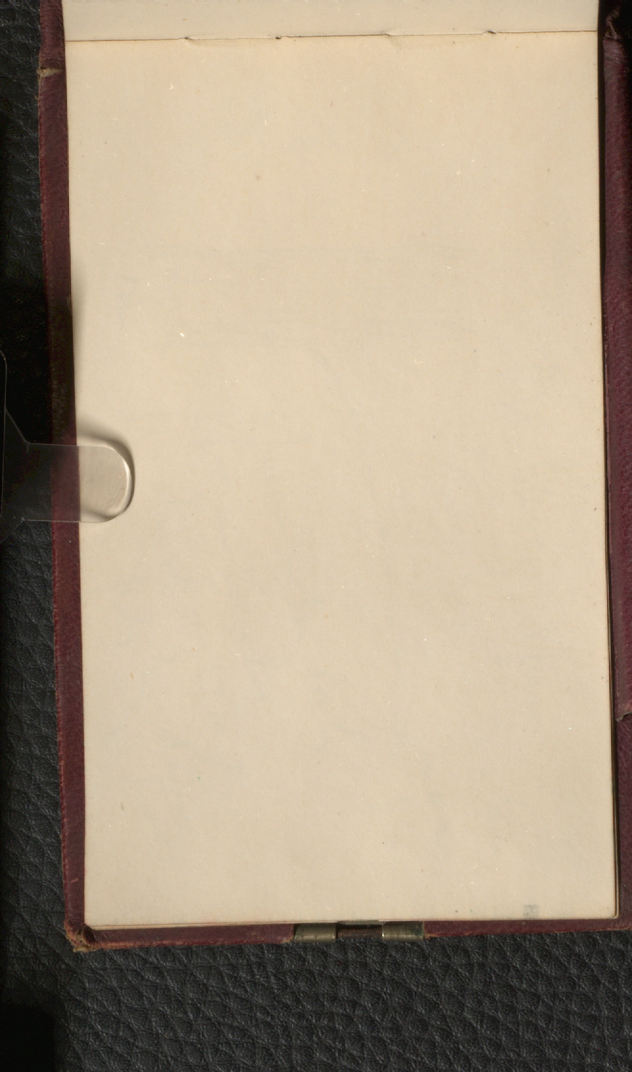




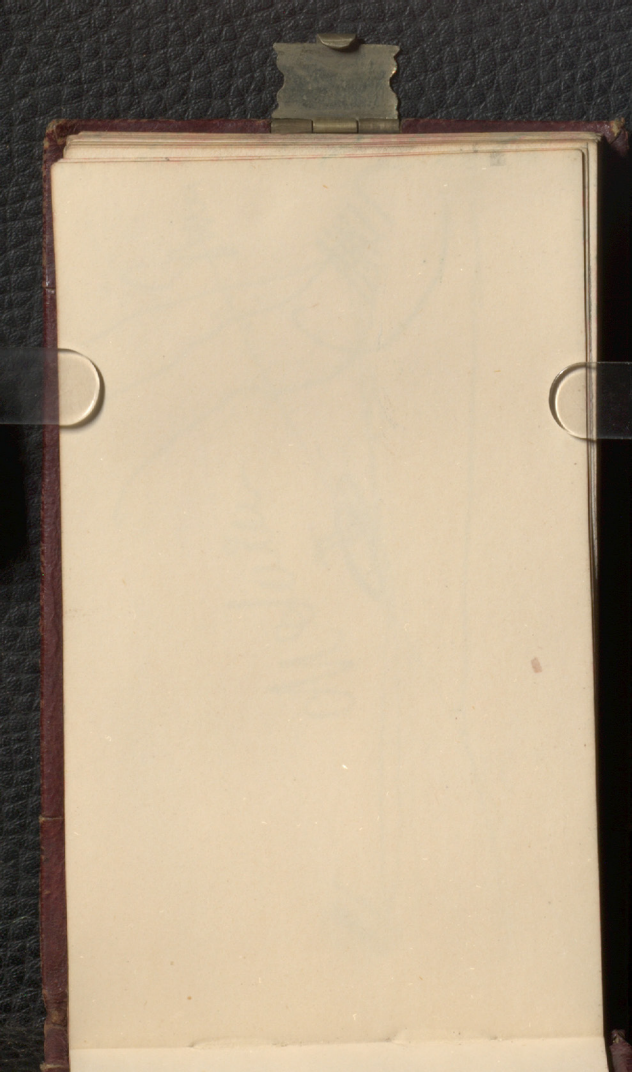
For large Spon  
 branches abundant  
 in over  
 Spongy

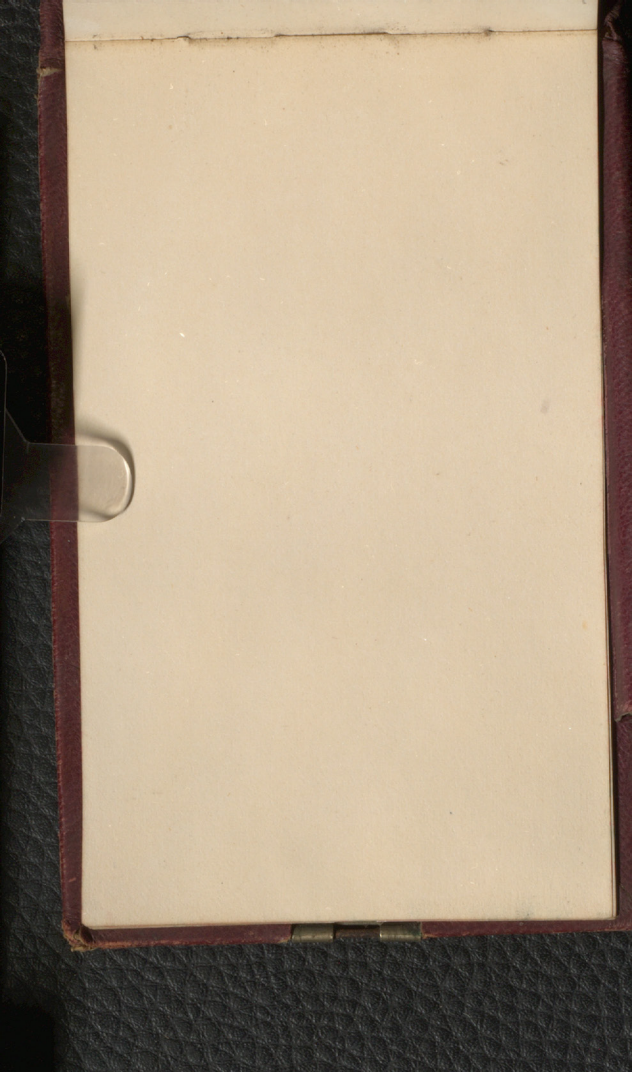
Spongy - in bark  
 che - Spongy  
 branches of v. large  
 in Spongy











Jan 18

18

Madison

18

18

of country rock  
hard red shale  
hard flint

of the Me Lane  
of the same

2 to 3 m hard  
rock

2 m of narrow

Wear in rocks  
seen are being  
at NW with steep  
SW dip toward  
shatter in  
sandstone be  
at Muldang  
Flukes seen  
the NW of SE

of creek road

Chesare's farm  
Sutts Brook

---

Run me a little  
to E strike

NW — dipping

12 ft + 9 ft

Yours for

Lee

When given shales  
of pyrites &  
limb. by pyrites  
dep to 100  
Moderate

---

W <sup>Strike</sup> 15° S - Under  
dark shale taken  
Grey Siltstone  
of shales with  
Crinoid like of fly

if Lake Superior  
Club. In a  
Superior Valley  
Speakers of Copper  
Routes - Should  
be opened up to  
Copper when  
found this a long  
clip

---

Just from  
LC but must be  
under half a mile  
above bridge



90  
Rivers Farm W. Mass  
When - Bank  
of river - Map  
of head hole of  
affiliated with  
marks seems to  
be to the  
at most angle  
confined to  
and with sharp

of case of

Coal,  
Guthrie Wash  
and Cray Wash  
at Guff seen in  
to Mr. Smith

Coal from the  
Guthrie Wash

Chlorine gas  
appears in some  
distance in  
air behind  
ship - Search  
and back up  
ship the  
mushy

coal.

115  
~~Walter~~

30  
Walter

500

Hub

1 foot to W  
dup

Arrived at place  
Bay

Lower Sea

Spencer 3 ft

80  
Top 5 ft

150  
Wayland 8 ft

100  
Buck Pt 2 ft

60  
3 ft Sea

18 ft Sea

between Harbor  
& Weyford 50 ft  
above below from  
is a red band  
Clay all left  
there with grey  
layers below -

above  
that grey sandstone  
under Harbor  
Lead

Photo

Calculus seen  
about 1-7 in  
cool  
Wan under  
Hill Lumber  
Bond

Over this body  
is a coarse  
Sawston Gray

Wan

Shaly sandstone

---

Open work      Longan  
= Phalen

---

Interior = Hartman

---

Star      In  
Hart      Hill

---

Calcut = Phalen

---

Clyde = Phalen

---

Acad - Schuman  
Print = McPhail

---



The seam said  
I see I feel with  
I feel seen of  
Cannel below  
Has surface of coal  
In shale into  
It remains  
above which

That surface  
Charles & Argel

shaly sandstone

90 chairs full  
by 2 miles &  
a hoop line

in line of the  
National Bank

---

purpose was  
to order  
Luzon & Luzon

about 100 feet -  
above tide Cup  
is an extreme  
edge of lot ~~30~~ 50  
chains for the  
side. Lot runs  
for 110 chains  
for river on  
one line &  
then falling off

Deep hard gray  
shale & floor  
with in of gray  
irregularly

Dep at 1 in 8  
14°  
to 5500 ft

---

partly in a gentle  
dip near  
strike of

Spencer learn  
learn in put New  
Cup measured  
at cup 2 ft 8 in  
further in drift of  
Coal of superior  
quality without  
any partings except  
mere pieces of  
Common coal

Character of  
good work to  
Smiths use

Scott's last  
opening covered  
my - case papers  
seen - same  
seen as copy  
opened by J.M.  
of present in  
of present in  
of present in

Carroll beam  
suffers

Need of ~~the~~ Luga  
Beam n Point

Learn said to  
be subject put  
Gay shale up  
Clear under it  
at that Gray  
Sandstone

Cylopt

Leptoderm

Leptoderm

Colanthes

Recept. Minuta

Cyrenites

Sphaerophyll



Rt. opened

10 feet a 15  
on each

2nd Bl 35 ft

Surf shale

gray arenaceous

Helicifer fossils

Worms fossils

— Crinoids

Weds 9 9 K

Sardener Mine

Of miles per

Sydney S side

Bridgport Ore

Runy mine 102

1150 ft above

water

Linné Rikshögskolan  
Spring

Red Stones &  
and Cole Wood

Open Summer

Flowers stopped

Sept 25<sup>00</sup> at

~~150~~ 150

L. Carl

Leases date  
July 1868  
and proposed  
Britain then by  
Cunning with  
the returning  
probably at Pt  
Plant

Plants are the  
from the sea  
I was given  
undoubted value

The main sea  
is so flat that  
it cannot be easily  
seen up and  
the quantity of  
land too small  
for a large number  
without the  
water properties

On our side  
Harrison can  
be made  
at Morn  
Jurat. Morn  
of what may  
be depended  
at entrance  
it is in effect  
Main Jean

have been of land  
on a semi side

Part of the piece  
little Bear D. Co.

which quite near  
mine - eastern

12 feet at present  
but may be

deepened or  
shuts can be

removed I fear

Bear D. Co.,

North Sea  
3 feet or more  
strong - 2 ft  
strong  
Sep 50

---

Prop to drive  
shaft at end  
of point or  
further this on  
the opposite  
point. Plant  
where  
Props have land  
20 acres



of 2m, 2m pubton

Nest 5 feet  
thick - half a  
mile - has  
a band of  
middle super  
slightly uneven

Third super  
of the country  
beams 3 feet  
pure said  
to be so

R. Acari Mine

Small dip  
to the ~~west~~

1 foot 1 mile  
inland. A point

9 ft 10 means  
4 m. Rep dip  
equivalent of  
main course

quartz foot &  
uniform throughout  
except - a band

Could hard off  
Sandy sub  
Mudstone &  
Coarse aren beds  
Very thick

---

---

Blk shale &  
gray & shaly  
sandstone  
2 ft

Shales, thinning  
to gray shales

Thin gray  
sandstone  
2-3 ft

Wednesday 8/11/11

Wednesday and  
Cal Int Sem

2/11

Wednesday that  
party

Course sandwich  
avgit

6/11

all done a

Alphabets  
by W. G.  
Hemmes Steep

When that Gray  
Sandstone

Gray Shale  
of wavy bands  
10 ft  
covered by silt

Below this ferry  
Sholes with  
Mintine &  
Neil Spelman  
then J. J. J. J. J.  
a local boy & his  
wrecked and  
James Fred  
and J. J. J.

dip nearly East  
low angle

Below these

Cal = bit Shale

Plumest 3 ft -

resting on boundary

of very red bed

grey beds

in the boundary

2 ft below Cal bit

is a 6 in coal



Indian cone  
Coal not seen  
said to be coal =  
shales - made  
up - that here  
good shale  
grey shales or  
more  
or may be

cut near ...

Gray bands  
then a shaly  
gray sandstone  
12 ft thick  
then beds  
of 1 foot or more  
coal with  
chert bed top  
then gray sand  
stone very  
thick

Friday June  
learn has  
over it learn  
dark brown  
Shades of red  
Shades



added  
not

Handwritten text on a piece of torn, aged paper, partially obscured by a larger piece of paper.

was

slung

about

A

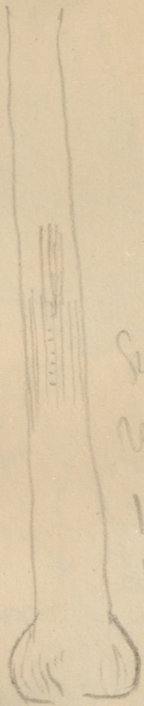
only

then  
of 1 foot above  
coal with  
churned bed rock  
then grey sand  
of shale very  
thick

Indiana Core  
Team has  
over it laminar  
dark brown

Shales of red  
Shales of gray  
sandstone

Then that reddish  
shales with



Syallan  
Acetone  
12 ft high  
lyt bulb  
bun here

Under Sydney  
Main Seat  
Map of area  
Shales with  
best colour  
of the main only  
written

Mentioned above

---

---

Spring Main  
Over top of a  
thick coarse gray  
sandstone  
40 or 50 ft.

Over this gray  
shales 20 ft.  
over this Muspel layer  
shales gray 15 ft.  
2nd Muspel band



Cranberry head

serenity

gray shales 20ft-

Coal 4ft

gray shales. shales  
30ft.

Coal 1 ft

shales 2ft

thick course

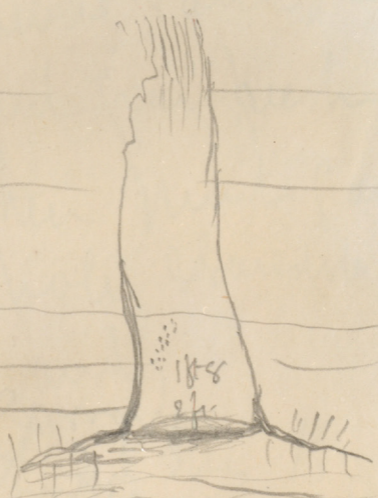
sandstone

then green sandstone

~~Coal~~

Tree at crawling  
head slightly  
lower part some dots  
upper part ridges  
labeled - bark  
in that case  
2 ft diam at  
base

~~Cherod Cue~~  
~~Cue~~



1878  
2/11

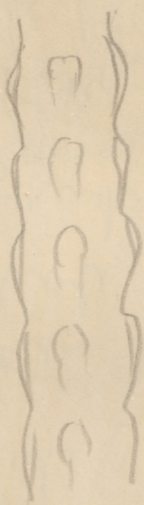
Sage sand

bedded shale  
above about  
gray shale &  
sandst

above the  
pebbly sandstone  
that may fresh  
then mud gray  
shale sandstone  
bands

above the 15  
feet gray sandstone  
then a

3 ins wide



folded

at number

pt

Over Shyds Core  
Lean mud  
shale with  
plants & shell  
Calcareous  
Capped at surface  
with thin  
bed of sandstone

Monday July 27<sup>th</sup>

Slypts run

Sandstone &

underly -

dip E. 30° W

at 80 -

Spring tunnel

Crummey

AD



Ms

Land-look of about

Wharf 300 N 63  
21 feet above



Share

Share

Share  
and bit silver

30ft

Very thick grey  
shaly & drift =  
wood sandstone

dup changes

A N 150 E

flattens to  
whi 20°

Coal lump  
shattered

Fraser

Mullins

Great thickness  
of purple shale  
of sandstone

below

dep abt 30

strike on top

Gray argill shales  
with underlay  
beds 15 ft

Coal 6 feet

3 clay partings

Day earth

2 or 3 ins

Gray underlay

Part the top  
of the structure  
may be bedded  
and pebbly

---

Shale may  
3 ft

Coal 5 in  
Clay 1 ft

Thin sandst  
15 ft



In this a  
pebbly band  
abt 1800

believe part  
some fine  
beds & masses  
of drift flint  
as seen in

very remarkable  
deposits

Great thickness  
of shale grey  
of sandstone

---

Coal near here

---

Sandstones  
with drift  
plants some  
unburnt  
beds

Coal <sup>2 1/2</sup> ft  
Sandstone inf  
9 inch gray  
Mudstone  
Some Mcgillivray  
2 ft seam

---

Mudstone & sandstone  
25 ft

9 inch coal  
Crinoidal shale  
2 ft

---

Coal bet. Shale  
9 in

---

Coal with clay  
bands  
16 in

---

Pure lignite  
beds

---

Thick clay  
beds 30 ft

---

Grey lim. sandst

and choco  
shale intermure

Gray flabby  
sandstone

---

15 ft shale  
with coals  
bands  
thick 1 ft at bottom

---

Gray sandstone  
6 ft

Shale with  
Gumtree balls

---

Wash the following  
down

Said to be 5 or 6  
feet of coal &  
shale

Grey mudstone

---

Great thickness  
of grey shale

Coal mixed  
with shale  
2 ft

gray sandstone  
2 ft

---

gray bluffs  
sandstone

all layers of  
drift plants

---

below this  
black sandy  
of gray & pink  
shattered clay

---

light sandstone  
shale 40ft

---

Coal bit shale  
Naradites  
3ft

---



above which there  
is a very  
flat sandstone

---

flaw gray  
medium

---

Strike taken  
here across

$N 5^{\circ} E$

---

Shales of

Indiantown  
50 ft

Red Shale top

---

Coal Collected

No 3

was roof of  
Murfel band

about  
10 ft

10 in

Black shale  
9 ft

Gray Smith  
2 Hules

96  
3  
988  
7

160 pages

---

Here over  
Willie Turner  
Dean  
see above

---

dup here at  
450

---

Sat 25 3

Apr

---

Starting from

Red seam

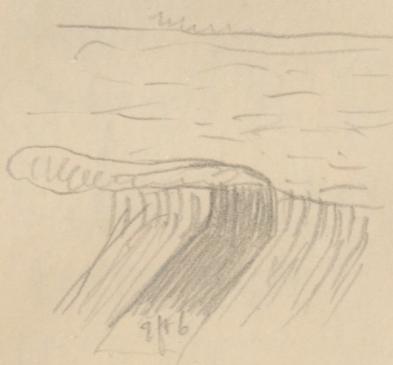
descending

Gray sandstone  
& shale

42 paces

Red & Gray  
Shales (8 paces)

Chem of Crap  
Antacid of boulder  
Water



The hump Mt  
bins at all  
floor grey clay  
1000  
under which  
lean 1000

---

Thick grey shale  
Cordons: great  
Spillan & Purples  
sandstone  
Coral wood of  
Munster

This coal, Purdy  
red shales near  
light ✓

Dip N 10° E

at 15° to 20°

July 18°

---

To 25th Avenue

Walter Trace  
Leam

On these legs  
Dept. a line  
3ft seen, 4ft sand  
to be 4 feet  
grey shale are  
with long  
bands  
Mysanish  
are



Cropped Shear  
dip to. Dip  
to W a little  
W. — lower  
angle less  
than 30°

Gray Shale &  
Sandstone  
much red  
shale

Mudstone 1 ft 4  
Coal 1 ft  
Shale mudstone 4 in  
Cone — 3 ft

Parting grey } 1-4 in  
mudstone }

Coal 4 feet

Did not see the  
lower part —

17  
Niche of  
of Paint Lean  
abt 1 mile  
in the, S. 85° W

---

Further exposure  
of Paint Lean

Descendy  
Shale block 1500  
Cool 1 ft

Chapel in at  
Shore

---

Paint Seal runs  
along shore long  
way - I does  
not come on land  
I as to mine

---

Paint Seal  
in the large bay  
same form as  
Cranford  
See above

Over Paint seen

Day 17 jobs of

Spay argil lam  
Sandstone

Solenites  
Stromatolites

Coarse pebbly  
Sandstone staining

Yellow & drift  
plants 15ft seen

<sup>38 1/2</sup>  
Dip  $40^{\circ}$  or  
seen head to

Thin here  
of sandstones

---

Paint Lean  
Here

Days left —

Shale 14 lbs

Coal 3 ft

---

8.2 lbs

Good coal below  
here

above Crandall  
gray shale 6 ft  
Mud gray lam-  
inated - then  
red gray shale  
say 15 ft  
gray sandstone  
as before  
mudstone  
then gray shales  
small fragments

Over Crandall  
Seam. Thinly laminated

Argill sandstone

40 ft. ?

gn roof of Crandall

Went New Cordoba

also found Schist

& Cordates & stripes

of ferns

& Sphenophyllum



So about 20  
yds

then says same  
to be Crandall  
slam

Said to be 30 ft

4 ft 2 in thick - roof  
gray shale & black &  
tender below. Approx 3  
feet very hard & good  
see sample. Some foot  
flaky & tender in  
char. Flow gray  
clay

Unsettled 3 ft  
emaciated 8 ft

---

Red. Shale 2 ft

---

Gray sandstone  
Unsettled  
25 ft

---

Lamin 55 ft

---

Small 2 ft  
Coal

---

Limestone  
40

---

argill grey shale

10 ft above

Hard carbon  
layers

---

Inductly soft  
8 ft

---

Coal 18 ins

---

argill sandstone

18 ft above

---

Wier Over reef 1874  
or later  
Am to 34 feet above

---

east of summit 500  
shale 1 1/2 feet  
Can be shelled off  
black off

---

gray over shale

---

If any sample  
taken of Corrug  
9 3/4 inches

Shippy plane of  
9 feet high  
Other - up at  
see papers in  
Museum

---

Ascending

delivers

Supplied pump by  
Mr. Amos

to 20 or 30 feet

per minute

pumps lifts

for 4 hours and

but not everyone

no faults

percent marks

Mr. Jeffers Culmef  
at the head of  
water.

There are <sup>three</sup> <sup>water</sup>  
double slope <sup>ways</sup> and  
are single pumps  
a boundary <sup>engine</sup>  
for this - pumps  
engine <sup>man</sup>

To keep in  
the strike of  
the beds, then  
the workings  
will be nearly  
parallel to  
shore

200 feet slope  
is now being  
under SW haul



On this the  
shale length area  
area is 18 ft. &  
the 18 ft. means  
on the level

above this is 34  
feet on level  
of hard gray  
laminated sand-  
stone - these  
beds are

2

black above  
Ruf flat top  
grey shale  
Coal by hand  
Shurpans  
Shale & ash  
E & W maps

Victoria Mine  
Laminated Con  
like yellow Man  
Cut Mine Mine  
Cher - Tur  
Ripes

Level — at  
250 ft in  
slope. Coal

6 ft 7 in —  
of which 4 in  
left as shaly

in surface  
6 ft 3 in. Clay  
Coal — mostly  
gray with a little

At bar at certain  
shown by line &  
here cool sound  
to be - the large bed

Let Bras In  
Small <sup>pyramids</sup> coal layer  
gray sandstone

Collins Learn 5 ft  
Sandstone Ref  
on South - Collins -  
W side Matthesa

Followed Sandstone  
by flat 8 to 10

shale & some cony

sandstone

& some red shale

✓

Pres  
Aug 1868

