



Mine originally operated by: (1)

Date  
1918

Groveland Coal Mg. Co.

(compiled by  
MAP-2/57)

Original name or number: Mine No. 2  
Illinois Coal Report 1918 p. 126

LATER OPERATORS

Date	Operator	Name or No.
2 1926	Crescent Coal Co.	Mn. No. 2
3		
4		
5		
6		
7		
8		
9		
10		
11		
12		
13		
14		

\*Also owners

#See ownership sheet

Railroad, Wagon, Strip, Idle, Abandoned

Shaft

IDENTIFICATION

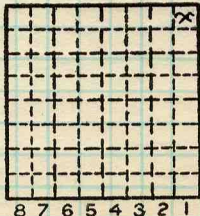
County No. 30

Coal No.  5

Coal Report No.     

Quad.

County **TAZEWELL**



Sec. 18 HI

T. 25 N. S.

R. 4 E. W.

Index No.

COAL MINE OPERATOR





Period			Tons		
Mo.	Day	Year	Mo.	Day	Year
		Shipping			1918
					19
					20
					21
					22
					23
					24
					25
					26
					27
					28
					29
					30
		Abandoned			31

SUMMARIES

No.	to	No.		
1918	to	1930	2	946 885

Railroad, Wagon, Strip, Idle, Abandoned

Crescent Coal Co. Min No. 2 IDENTIFICATION

County No. 30

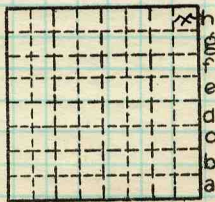
Coal No.

Coal Report No. -

□ 5

Quad.

County TAZEWELL



Sec 18 HI

T. 25 N.

R. 4 W.

Index No.

COAL MINE—PRODUCTION

ILLINOIS GEOLOGICAL SURVEY, URBANA



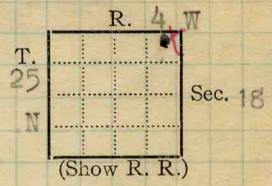
Town, Wesley Peoria  
Local Authority, Mr. Sherman Eng'r

Surface alt., 613.92' ft.  
Depth to coal, 165 <sup>163.43</sup> ft.  
Alt. top coal, 450.49 ft.  
Thickness: Av. 52 in.  
Max. in., Min. in.

Level: Auth., see log in file

Method,

R. R., Peoria & Pekin Union



Location: authority, Mr. Sherman

Operator

Mine Name or No.

19 18 Groveland Coal Co

No. 2

Successor to

M<sup>rs</sup> Cornish's Bldg.  
Chicago, Ill

Date

✓ Succeeded by

Crescent Coal Co.

No. 7

Date

26 1024<sup>th</sup> Jefferson Bldg, Peoria

Succeeded by

Date

PRODUCTION.

U. S. No.

19	Developing							
	<u>1922-2000 av. daily</u>							
	<u>25-500 T cap.</u>							
1928								
							<u>1930<sup>th</sup> 4</u>	

Geol. Notes?

Mr log

Coop. No.

Coal secs?

W

Analyses No.

84483, -4-5-6

Examined by

Ref.

Coal bed name: Local

SHIPPING MINE

Survey No. 5

County Peoria

Jazewell

Index No. 0418.99

K.—ACTIVE SHIPPING OR LOCAL COAL MINE.

Mine Name or No. 2 Mine Address Peoria

Operator Groveland Coal Co <sup>Mining</sup>

Main Office Address McCormick Building

Chicago

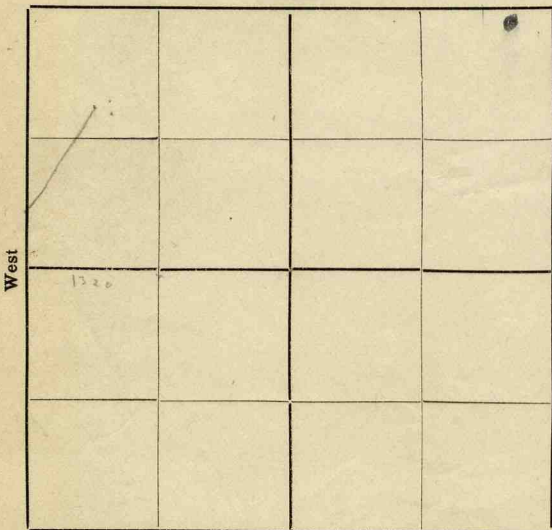
Location of Mine:

Township Name Groveland County Tazewell

Section No. 18 Township 25 N Range 4 W <sup>E</sup> <sub>S</sub> <sup>W</sup>

Indicate location of mine and position of R. R. in plat of section below.

North



Kindly state number of feet from quarter section lines:

280 from N. line

480 from E. line

from S. line

from W. line

Idle entire year 19..... Yes No.

Abandoned (date) 19.....

MN 1922 South

**SHIPPING MINE**

Surface landing is 125 feet above sea level or about..... feet (above)

(below) railroad station at..... (nearest town).

Depth to top of coal is 165 feet.

Average thickness of coal is 4 feet 4 inches. Mr Sherman Eng'r

Data from

Cady

Do not fill in below this line.

Coal Bed Name.....

Survey No. 5

County Tazewell

Index No. 0418



3221

John C. Moore Corporation, Rochester, N. Y. Binder and holes in leaves, each Patented 1906,

(35031-500-6-25)

Mine Name or No. 2 Mine Address \_\_\_\_\_

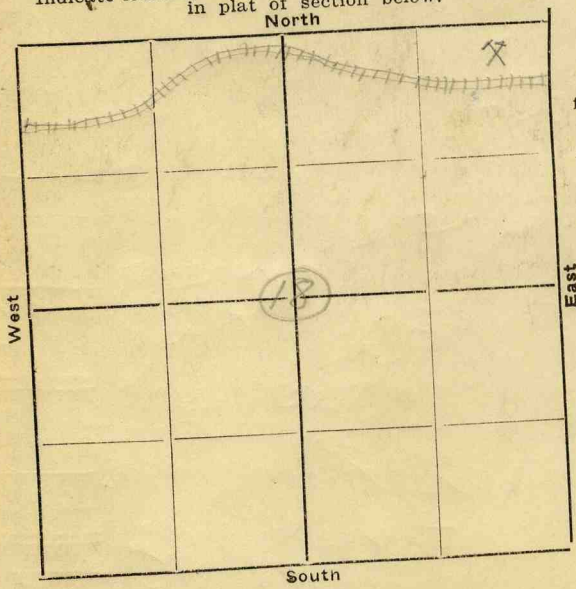
Operator Crescent Coal Company

Main Office Address Jefferson Bldg  
Pearis T 11

Location of Mine:  
Township Name Greveland County Tazewell

Section No. 18 Township 25 N Range 4 W

Indicate location of mine and position of R. R. in plat of section below.



Kindly state number of feet from quarter section lines:

- \_\_\_\_\_ from N. line
- \_\_\_\_\_ from E. line
- \_\_\_\_\_ from S. line
- \_\_\_\_\_ from W. line

Idle entire year 19\_\_\_\_ Yes  
No

Abandoned (date) 19\_\_\_\_

Surface landing is 525± feet above sea level or about \_\_\_\_\_ feet (above)

(below) railroad station at \_\_\_\_\_ (nearest town).

Depth to top of coal is 186 feet.

Average thickness of coal is 4 feet 6 inches.

Do not fill in below this line.

Coal Bed Name \_\_\_\_\_ Survey No. 5

County Tazewell Index No. 0418



Town, *Peoria*

Local Authority,

Level: Auth.,

Method,

R. R., *Peoria andekin Union*

Location: authority,

Surface alt., ft.

Depth to coal, *186* ft.

Alt. top coal, ft.

Thickness: Av. *34* in.

Max. in., Min. in.



(Show R. R.)

Operator

Mine Name or No.

*Crescent Coal Company*

19

Successor to *Graveland Coal Co.*

Date

Succeeded by

Date

Succeeded by

Date

**PRODUCTION.**

19

U. S. No.

Geol. Notes?

Coop. No.

Coal secs?

Analyses No.

Examined by

Ref.

Coal bed name: Local

Survey No. *5*

County *Tozwell*

Index No. *0418*

**K.—ACTIVE SHIPPING OR LOCAL COAL MINE.**

F. Thickness of rock above bed worked, —

(1) Important variations, *Heavy Sandstone* See *above*  
*Coal*

G. Note presence of strata having important effect on mining,

*Heavy Sandstone above Coal* See

- (1) Position, *1 to 10' above Coal*
- (2) Character, *Clean light colored Sandstone*
- (3) Persistence, *All over mine*
- (4) Other workable coal beds *None*

H. Cap rock, *Sandstone*

- (1) Thickness, *?*
- (2) Height above coal, *1 to 10 feet* See

I. Immediate roof, *Hard dark shale*

- (1) Thickness, *1-10'* (2) Contact with coal, *Even*
- (3) Horizontal variation, *Some local* See  
*variation*

J. Draw slate, (1) Thickness, *None* (2) Contacts

- (3) Persistence, —

K. Coal bed: Max. *54* Min. *49* Av. *54* inches

- (1) Benches, *None in particular*
- (a) Position, —

(b) Persistence, — See

- (2) Bedded impurities, kind, position in benches, persistence, ease of separation,  
*Laminated dirt and stony pyrite horizon*  
*36' above floor*

*Sandstone?*  
*Hard Black shale*

- (3) Irregularities in bed (due to deposition, erosion, or movement), *Some minor* See  
*faulting, associated with horsehoys*

(a) Effect on mining, *Both ways* See

SECTION			
Name	Ft.	In.	Sym.
<i>Sandstone?</i>			
<i>Hard Black shale</i>	<i>1'</i>	<i>to</i>	<i>10'</i> 

Collector, —

Coal: Survey No. *5*

Mine, *Crescent #2* Co. *Tozewood*

Index No. *0418*



## K. (5) Physical character of Coal,

(a) Relative hardness, *Medium hard*(b) Lustre, *Fairly bright*(c) Fracture, *Conchoidal*(d) Texture, *laminated*

See

(6) Impurities in coal, other than bedded, kind, position, persistence, ease of separation, etc.

See

L. Floor: (1) Material, *Fire Clay*(2) Thickness, *?*(3) Variation, *Seems to be uniform*

(4) Note character, condition, tendency to heave, relation to undercutting, commercial value.

See

(5) Clay sample No. *A-103 and A-108* Location,

## M. Stratigraphy,

(1) Fossiliferous horizons underground, *A fossiliferous horizon on top of coal, 1 inch thick*

Collection No.

Location,

## N. Notes on effect of deep drilling in coal mine areas.

See

Collector,

Mine, *Crescent #2* Co. *Tazewell*Cola: Survey No. *5*Index No. *0418*



Symbol Description Inches  
 1 division=3 in.]

Crescent Coal Co., Mine No 2  
 Groveland Twp. Tazewell County  
 Section 18. Twp 25 N, R 4 W

Foss Sample A-106

Hand Specimens of Coal A-107

Hard laminated Block shale Sample A-105  
 1 1/2" dirty coal and fossiliferous Layer Sample A-104  
 ← Mother coal parting  
 1/8" Mother coal

Clean laminated Coal

1/16" lamina of Mother coal and pyrite

Clean laminated Coal

Parting of Mother coal

← Parting of Mother coal  
 ← 1/2" dull coal

Fire Clay. Light colored, medium firm  
 and with few slips. Apparently no  
 root casts. Sample A-109

Foss Sample

Collector.

Mine. Crescent #2 Co. Tazewell

Coal: Survey No. 5

Index No. 0418

Symbol

1 division = 3 in.

Crescent Coal Co. Mine No 2  
Tazewell County, Graveland Twp  
Section 18. Twp 25N, R 4 W

Face Sample A-109  
Hand Specimen of Coal A-112  
Sample of Horseback near Section A-111

Hard black shale - Not laminated and Sample A-110  
fissile as in other places  
of coal and fossiliferous material  
Top of coal

parting of Mother coal

parting of Mother coal (Horizon of dirt and pyrite)

parting of Mother coal

parting  
parting

parting

1/2 of Mother coal.  
clay partings  
1/8 parting of hard clay

Fire Clay - Light Colored, firm clay  
not characteristically slip fractured Sample A-108  
and apparently no root impressions

Collector.

Mine. Crescent #2 Co. Tazewell

Coal: Survey No. 5

Index No. 0418

## Impurities in Coal

### (a) Bedded Impurities

In the south east part of the mine there were no bedded impurities to mention.

In the south west part of the mine the bottom coal lower  $2\frac{1}{2}$  inches contained one lamina of clay and several partings of mother coal that often were more or less clayey. This bottom coal 2 inches or so was partly discarded, as stated by the miners, but as the undercutting was done in this material, it went into the "bug dust" and then into the car.

Also in this section of the mine there is a fairly persistent horizon of lenticular laminated clay and pyrite at about 35 above the floor. This horizon is represented at Coal Section #2 by a Mother Coal parting. These lenses are often 10' or more in length and  $2\frac{1}{2}$ " thick. They show alternating laminae of clay and pyrite and are very hard.

A good sample of this band is in Can A-113.

It probably can be stated that in this panel there is an average of  $\frac{3}{4}$ " of this band, if it were evenly distributed.

(b) Concretions and Segregations  
None observed

(c) Lenticular Clay Masses  
See "a"

d Joint fillings and facings  
A few facings of calcite and  
very thin veneer of pyrite on some  
fractures in upper part of the  
seam.

(e) Crack fillings or Horsebacks

These are by far more  
common in the south west part of  
the mine than elsewhere. Some  
were observed as much as a foot  
across and miners report finding  
one 2½ feet through. These are  
filled with light colored clay,  
sometimes plastic and sometimes  
pyritized and stony. Occasionally there  
has been displacement vertically  
along these crack fillings or horsebacks.  
One place the fire clay was faulted  
up 5". In nearly every case the  
clay shows some shearing, and  
is slip fractured. The clay filling  
did not extend into the fire clay  
but it did extend into the roof.

"f" None in particular

"g"  
"h"  
"i" } None observed

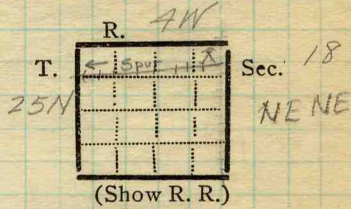


Town, *Grove*  
 Local Authority, *H.E. Beasley (Engr.)*

Surface alt., *613.92* ft.  
 Depth to coal, *163.43* ft.  
 Alt. top coal, *450.79* ft.  
 Thickness: Av. *50* in.  
 Max. *57* in., Min. *46* in.

Level: Auth., *H.E. Beasley*  
 Method, *Instrument*  
*(Memphis datum)*

R. R., *P. & T. U.*



Location: authority, *Mine map.*

Operator \_\_\_\_\_ Mine Name or No. \_\_\_\_\_

19 *22* *Groveland Coal Mining Co* No. *2*

Successor to  
 Date  
 Succeeded by  
 Date  
 Succeeded by  
 Date

**PRODUCTION.**

						U. S. No.
19 <i>22</i>			<i>1800-2000 tons daily</i>		<i>2550 maximum.</i>	
	<i>Put on mailing list.</i>					
	<i>Chas. Sherman, Supt.</i>					
	<i>H. E. Beasley Engr.</i>					

Geol. Notes? *Yes*      Coop. No. \_\_\_\_\_      Coal secs? *3*  
 Analyses No. \_\_\_\_\_

Examined by *Netzband*      Ref. *Loose leaf*

Coal bed name: Local *Springfield*      Survey No. *5*

County *Tazewell* **SHIPPING MINE**      Index No. *0418.99*

K.—ACTIVE SHIPPING OR LOCAL COAL MINE.

Entrance *Shaft*  
 Kind of tittle *Steel, self dumping*  
 Motive power for hoist *Steam*  
 Source if electrical  
 Kind of hoist (cage, skip, etc.) *Cage, 1 1/2-ton cars.*  
 Kind of haulage *Motor on main & secondary, gather with*  
 Mining equipment *mules*  
 Note any features of the equipment that are of special interest

## SURFACE DATA.

A. Topography, *Rolling due to proximity to Ill. river*  
 B. Surficial materials, (1) Character, *Drift.*

(2) Thickness, *30'-50'* (3) Effect on mining and shaft-sinking, of former drainage lines, underground water strata, etc. *A sandstone above the roof shale makes much water & consequently the workings are very wet.*

C. Outcrops, (1) Character, *Coal #6 & 7 and associated*  
 (2) Structure, *strata*  
 (3) Fossil horizons, *Fusulina lis.*  
 Collection No.,  
 (4) Evidences of subsidence, *None*

D. Note collection of mine maps, drill records and shaft logs.

*Shaft log in Survey files. They have put down several churn drill holes which might be of interest.*

See drill record sheet,

E. Notes on surrounding area,

Coal bed name: Local,

Collector, *Netzaband*

Mine, *Groveland #2*

L.—SURFACE SHEET (Geol.)

Survey No. *5*

Co. *Tazewell*

Index No. *018-99*

F. Thickness of rock above bed worked, 175' ±

(1) Important variations, See

G. Note presence of strata having important effect on mining,

Sandstone rolls give much trouble See XI

- (1) Position, Above roof shale.
- (2) Character, light grey, fine grained, micaceous.
- (3) Persistence, Through mine.
- (4) Other workable coal beds #7 ca 18" @ 575' and #6 ca 3' @ 515'. Both crop in the valley walls of large streams

H. Cap rock, Lime stone

- (1) Thickness, 0-10"
  - (2) Height above coal, 24"-36"
- See

I. Immediate roof, Black fissile shale.

- (1) Thickness, 24"-30" (2) Contact with coal, Clean & regular
- (3) Horizontal variation, Perhaps varies in fissility. See

J. Draw slate, (1) Thickness, (2) Contacts

- (3) Persistence, None.

K. Coal bed: Max. 57 Min. 46 Av. 50 inches

- (1) Benches, None.
  - (a) Position,
  - (b) Persistence, -
- See

- (2) Bedded impurities, kind, position in benches, persistence, ease of separation, Charcoal partings & lenses (1/6"-1/4") clay lenses (1/16"-1/8") dirt bands (up to 1 1/2") bony coal (up to 2 1/2")
- See

- (3) Irregularities in bed (due to deposition, erosion, or movement), Rolls of sandstone, clay horsebacks. See XI
- (a) Effect on mining, Rolls make water are expansive to mine work. See

SECTION		
Name	Ft.	In. Sym.

Collector, Natzaband

Coal: Survey No. 5

Mine, Groveland #2 Tazewell

Index No. 0418.99



K. (5) Physical character of coal in benches,

(a) Relative hardness, *Coal hard.*

(b) Lustre, *Alternate bands of dull & bright (1/32 - 1/2") very little*

(c) Fracture, *Hackly to splintery.*

(d) Texture, *Laminated.*

See

(6) Impurities in coal, other than bedded,

*fract. fillings*

(a) Kind, *Pyrite facings & lenses (1" x 3"), calcite & gypsum.*

(b) Position and persistence, *Very few fe. lenses, usually in*

*upper 1/2' of coal.*

(c) Rejected, *Pyrite lenses* Ease of separation, *No information*

See

L. Floor: (1) Material, *Floor clay*

(2) Thickness, *6'-8' (max. unknown)*

(3) Variation,

(4) Note character, condition, tendency to heave, relation to undercutting commercial value.

*Flaky, medium grey floor clay; becomes plastic when wet; heaves in old workings & if mined too wide; used to undercut upon; value unknown.*

See

(5) Clay sample No.

Location,

M. Stratigraphy, *See XI*

(1) Fossiliferous horizons underground, *Black slate & caprock.*

Collection No.

Location,

N. Notes on effect of deep drilling in coal mine areas.

See

Collector, *Netzeband*

Coal: Survey No. *5*

Mine, *Groveland #2* Co. *Tazewell*

Index No. *0418.99*

## INDEX

- M The strata above the coal are regular in succession, if not cut out by sand rolls. The following is a generalized section:
- 6 Shale, grey (from shaft log) ca 55'
  - 5 Sandstone, light grey, fine-grained, micaceous, lower surface very irreg. 6'-18'
  - 4 Shale, dark grey, massive 2'-8'
  - 3 Limestone, impure, fossiliferous, concretionary in part 0-8"
  - 2 Gld, marly, flaky, fossiliferous 1"-4"
  - 1 Shale, black, fissile, fossiliferous in part 2'-3'

Formation #6 is not seen in any part of the mine but is rept'd from the shaft log & drill logs.

- G The sandstone gives much trouble in mining as it has a very uneven lower surface. It cuts across all the lower formations & in places cuts thru the coal. Such a place is the mouth of the 11<sup>th</sup> & 12<sup>th</sup> N where they turn off the 3<sup>rd</sup> E. Mr. Sherman rept's that the coal is cut out for a distance of 90'. Where observed the sandstone cuts in without apparently disturbing the surrounding rocks. Besides being expensive to mine thru where it cuts out the coal the sandstone contains large quantities of water which come into the mine as drippings from the roof. This is one of the wettest mines visited by the observer. No information was obtained as to whether or not the water is from the surface. The relief of the lower is as much as 6' in 3'.

Collector

Natzaband

Mine

Groveland #2 Co. Tazewell

Coal: Survey No. 5

Index No.

0418.99

X.—EXTRA SHEET No. 1

Operator, *Groveland Coal Mining Co* Date *2/25/22*  
 Mine, *No. 2* Sec. *18* T. *25N* R. *4W*  
 Location in mine, *Face of 2<sup>nd</sup>S off 5<sup>th</sup>E off Main S*

GRAPHIC SECTION		DESCRIPTION OF SECTION (AT POINT SAMPLED)		
In.	No.	No.	(Note character and thickness of roof)	Inches
			<i>Black slate roof</i>	
		<i>1</i>	<i>Coal</i>	<i>1 7/8</i>
		<i>2</i>	<i>Dirt band</i>	<i>1 7/8</i>
		<i>3</i>	<i>Coal</i>	<i>5 1/8</i>
		<i>4</i>	<i>Charcoal</i>	<i>1/8</i>
		<i>5</i>	<i>Coal</i>	<i>18 3/8</i>
		<i>6</i>	<i>Charcoal lens</i>	<i>1/8</i>
		<i>7</i>	<i>Coal</i>	<i>10 1/8</i>
			<i>Medium gray floor clay</i>	
			<i>Tap 49 1/4</i>	
			(Note character and thickness of floor)	
			Total thickness of coal.	<i>49 5/8</i>

Condition, *Dry* Time, *1 hr. 10 min.*  
 Wt. Gross, *24* lbs. Net, *4* lbs.  
 What Nos. shipped by Co.? *All but 2*

Excluded from sample: No. *2*  
 Sample represents *48 3/8* in. tons.

Impurities? How do they occur? *Dirt band,*

(1 division = 3 in.)

*charcoal lens, & parting, pyrite facings.*

Sample No. *N-22-21* Can No. *97879* Lab. No. *84483*

Collector, *Hetzband* Coal: Survey No.

Mine, *Groveland #2* Co. *Tazewell* Index No. *0418.99*

Operator, *Groveland Coal Mining Co.* Date *2/25/22*  
 Mine, *No. 2* Sec. *18* T. *25N* R. *4W*  
 Location in mine, *Face of 2nd N off 1st W off Main S*  
*(NW 1/4 NW 1/4 Sec 18)*

GRAPHIC SECTION		DESCRIPTION OF SECTION (AT POINT SAMPLED)		
In.	No.	No.	(Note character and thickness of roof)	Inches
			<i>Black slate roof</i> →	<i>8 7/8</i>
<i>8 7/8</i>	<i>1</i>	<i>1</i>	<i>Coal</i>	
<i>1/16</i>	<i>2</i>	<i>2</i>	<i>Clay 1/16"</i> →	<i>43 7/8</i>
		<i>3</i>	<i>Coal</i>	
			<i>Medium grey floor clay</i>	
<i>43 7/8</i>	<i>3</i>			
			(Note character and thickness of floor)	
			Total thickness of coal.	<i>52</i>

Condition, *Damp* Time, *1* hr. — min.  
 Wt. Gross, *26* lbs. Net, *4* lbs.  
 What Nos. shipped by Co.? *All*

Excluded from sample: No. *None*  
 Sample represents *52* in. tons.

Impurities? How do they occur? *Clay band, charcoal partings, pyrite facings.*

(1 division = 3 in.)  
 Sample No. *11-22-22* Can No. *97859* Lab. No. *84484*

Collector, *Netzeband* Coal: Survey No. *5*  
 Mine, *Groveland #2* Co. *Tazewell* Index No. *0418.99*

Operator, *Groveland Coal Mining Co* Date *2/25/22*  
 Mine, *No. 2* Sec. *18 T. 25N R. 4W*  
 Location in mine, *Face of 3rd F off 4th N off Main*  
*E.N. (S.W. 1/4 Sec. 8)*

GRAPHIC SECTION		DESCRIPTION OF SECTION (AT POINT SAMPLED)		
In.	No.	No.	(Note character and thickness of roof)	Inches
			<i>Black slate roof</i>	
		<i>1</i>	<i>Coal</i>	<i>29</i>
		<i>2</i>	<i>Pyrite</i>	<i>1/8</i>
		<i>3</i>	<i>Coal</i>	<i>19 7/8</i>
<i>29</i>	<i>1</i>		<i>Medium grey flour clay</i>	
<i>1/8</i>	<i>2</i>			
<i>19 7/8</i>	<i>3</i>			
			(Note character and thickness of floor)	
			Total thickness of coal.	<i>48 7/8</i>

Condition, *Dry* Time, — hr. *50 min.*  
 Wt. Gross, *25 lbs.* Net, *4 lbs.*  
 What Nos. shipped by Co.? *All*

Excluded from sample: No. *None*  
 Sample represents *48 5/8 in.* tons.  
 Impurities? How do they occur? *Pyrite lenses*  
*& facings, charcoal partings.*

(1 division = 3 in.)

Sample No. *N-22-23* Can No. *210 37 F* Lab. No. *84485*  
 Collector, *Netzeband* Coal: Survey No.   
 Mine, *Groveland #2* Co. *Tazewell* Index No. *0418.99*

Co. No. \_\_\_\_\_ County \_\_\_\_\_ Sec. \_\_\_\_\_ T. \_\_\_\_\_ R. \_\_\_\_\_ T.&R. \_\_\_\_\_

Company **Crescent Coal Co.** No. \_\_\_\_\_ Farm Mine No. **2** No. \_\_\_\_\_

Elev. **614** of \_\_\_\_\_ by \_\_\_\_\_ Total depth **169'** Year drld. **1918**

For **M** Method **S** Result **A -32** Type log \_\_\_\_\_ Core desc. \_\_\_\_\_

Stripped \_\_\_\_\_ Analysis **X** Confid. \_\_\_\_\_ Publ. \_\_\_\_\_

Location **280' from North line, 480' from East line**

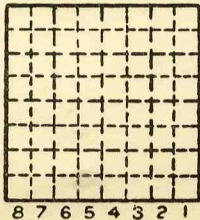
Core logged \_\_\_\_\_ by \_\_\_\_\_

Remarks: **Mn Notes., Mine Index No. 108, 409**

KEY BEDS

Code	Name	Depth	Thk.	Elev.
	<b>No. 5 Coal</b>	<b>165'</b>	<b>4' 4"</b>	

Correlations compiled by **MAP - 2/57** basis \_\_\_\_\_  
 Date \_\_\_\_\_ Quad. \_\_\_\_\_  
 County **TAZEWELL** Co. No. **30**



Sec. 18 H1  
 T. **25** N.  
 R. **4** S.  
 W.