



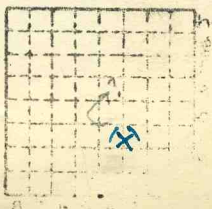
FORM 180

R F

Big Creek C. C. 5 1920 HERRIN

SPRINGFIELD

(GALATIA MINE  
SALINE CO. CO.  
1918)



Sec. 11

T. 8 - N. S.

R. 5 - E. W.

Index No.

550 Mine Index # 798

✓



Period		Tons	
Mo. Day Year	Mo. Day Year		
Galatia Coal Co	No 6 coal	1905	31 000
		1906	36 159
		1907	25 802
		1908	13 273
		1909	8 655
		1910	22 924
		1911	10 776
St Louis Coal & Coke Co		1912	20 000
Galatia & Saline Co C Co		1913	14 000
Galatia Coal Co	No 1	1914	21 950
Durham Coal Co		1916	10 307
Durham Coal Co		1917	40 396
Saline Co Coal Corp		1928	897 606
Total from coal No.6			254 742
Saline Co Coal Co	#5 (No.5 coal)	1918	50 918
Galatia Collieries Co	No.5	1919	30 794
Big Creek Coal,Co	No5	1920	31 994
		1921	85 508
		1923	92 854
<del>Saline Co. Coal Corp</del>		1928	<del>897 606</del>
Total from No.6 to 1923			301 068
<del>Total from No.6 to 1928</del>			<del>1 198 674</del>
Not operated after 1923			

SUMMARIES

No.	to	No.	Tons
No 5 coal			254 742
No 6 coal to 1923			301 068
No 6 coal to 1928			1 198 674

*CRC*  
*12/14/04*

Railroad, Wagon, Strip, Idle, Abandoned

Sec. 11

IDENTIFICATION

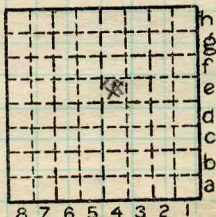
County No. 550

Coal No. 5 & 6

Coal Report No. 19

Quad. Galatia 7 1/2 min

County Saline



N. 8  
S. 5  
E. W.  
Index No.

COAL MINE—PRODUCTION

ILLINOIS GEOLOGICAL SURVEY, URBANA





Town, Galatia  
Local Authority,

#6 #5  
Surface alt., 405 ft.  
Depth to coal, 367 485.5 ft.  
Alt. top coal, 38 - 80.5 ft.  
Thickness: Av. 66 #6 in.  
Max. in., Min. in.

Level: Auth., DeW; Est top map  
Bull 18-p235  
Method, Est.

R. R., I.C.



Location: authority, DeWolf

Wheeler NB. 129, p 30 Letter from J. C. Quade

*new shaft sunk 2000' west of old shaft*  
Operator *Not complete '26*

(Show R. R.)  
Mine Name or No.

**Durham** (1911-17)  
1915 Durban Coal Co

Durham

**Co No 550**

Successor to Galatia Coal Co  
Date 1914-1915

Succeeded by Saline County Coal Co. (Coal Age - May 5/17)  
Date 1918 (Sinking to No 5)

Succeeded by Galatia Colliery Co. 1919 A/O. 5  
Date Big Creek Coals, Inc. 1920-21  
May 1 '20 PRODUCTION. Announced by Co.

	Fiscal	U. S. No.
1915	Saline Co. Coal Corp. #5 1925' (Coal Catalog) 307 North Michigan Ave; Chicago. Preston Coal Co.	#45
1928		
26	old #5 = 1500 tons daily cap	
1925-26	Idle (Dept. of Mines)	
1927	- 0 -	45
1928	-	

Geol. Notes? Yes      Coop. No.      Coal secs.? 2

Analyses No. 319, 1120

Examined by Wheeler

Ref.

Coal bed name: Local #6 and #5 Hamshurg Survey No. 6

County

**SHIPPING MINE**

Index No.

0411, 53

K.—ACTIVE SHIPPING OR LOCAL COAL MINE.

*sales yes*

Mer 4

1918

TO THE STATE GEOLOGICAL SURVEY:  
URBANA, ILLINOIS.

*Galatia Colliery Co*

owner, is

*of old Galatia Coal Co (Durham Coal Co)*

*Galatia*

Twp.,

*Saline*

Co.

Located as follows in Section No. *11-8-5*

Please indicate railroad

— North —

.....feet from North line

.....feet from East line

.....feet from South line

.....feet from West line

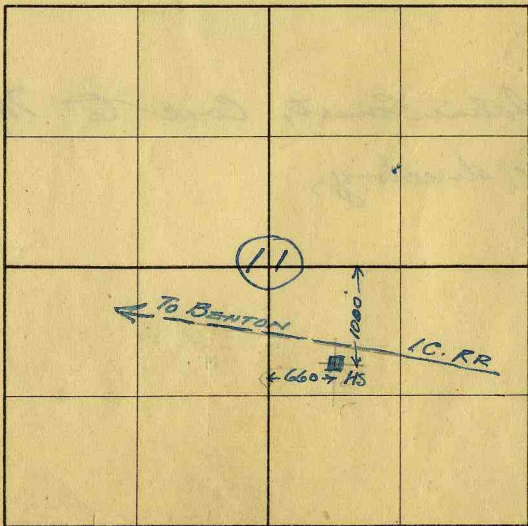
Remarks

Mine name or No. *5*

Signed

*J. Quasebaugh*  
Chief Eng.

*Over*



Letter to.....

Date.....

Letter to.....

Date.....

.....sample sacks

to.....

Date.....

Samples rec'd.....

Date.....

Log rec'd.....

Date.....

Remarks.....

County *Saline*

Farm.....

Operator.....

*MN 1909*

SHIPPING MINE

Well No.....

0411



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

1170

The entire top works has to be rebuilt since May 1917  
both shafts sunk down to No 5 Mine (Water depth 500')  
which is now being developed, both No 5 & 6 Mines  
being worked at present time.

Balance of Saline County Coal to Mines #2, 3 & 6  
on No 5 per directory,

SALINE COUNTY COAL CORPORATION -

Mine#5 - Galatia, Ill.

Acreege Mined

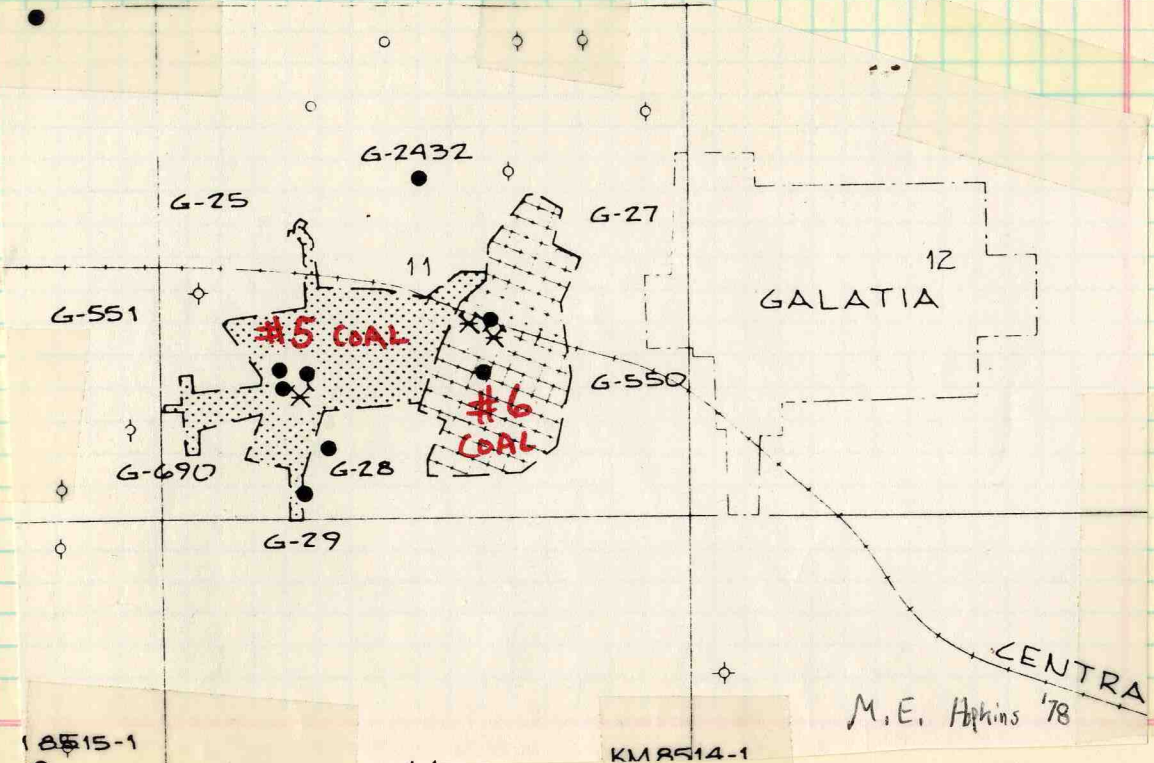
Planimeter Areas to 4/1/25

Location	Sec.	Twp.	Range	Lease No.	Owner	Total Acres	Acres Mined	Acres Reser.	Acres Barrier	Acres Faulty	Bal. Workable
NW SE	11	8	5	5017	Webber Est.	40.00	8.92	--	--	31.08	---
SW SE	11	8	5	5017	"	40.00	2.16	--	--	37.84	---
NE SW	11	8	5	5017	"	41.23	10.91	1.87	8.03	19.06	1.36
SE NW	11	8	5	5017	"	41.44	3.74	--	3.99	20.00	13.71
SW NW	11	8	5	5017	"	41.06	2.45	--	6.24	--	32.37
SE SW	11	8	5	5017	"	40.88	3.67	--	3.67	28.04	5.50
NW SW	11	8	5	5103	SCC Corp.	41.31	6.17	--	17.39	--	17.75
SW SW	11	8	5	5020	J.R.Webber	41.21	19.98	--	10.21	--	11.02
NW NW	14	8	5	5020	"	40.00	0.59	--	6.65	--	32.76
NE NW	14	8	5	5005	H.Butler	40.00	1.49	--	4.85	27.47	16.19

Total \$ 407.13 60.08 1.87 61.03 153.49 130.66

Vein #6 11 8 5 5017 Webber Est. --- 63.74 --- --- ---

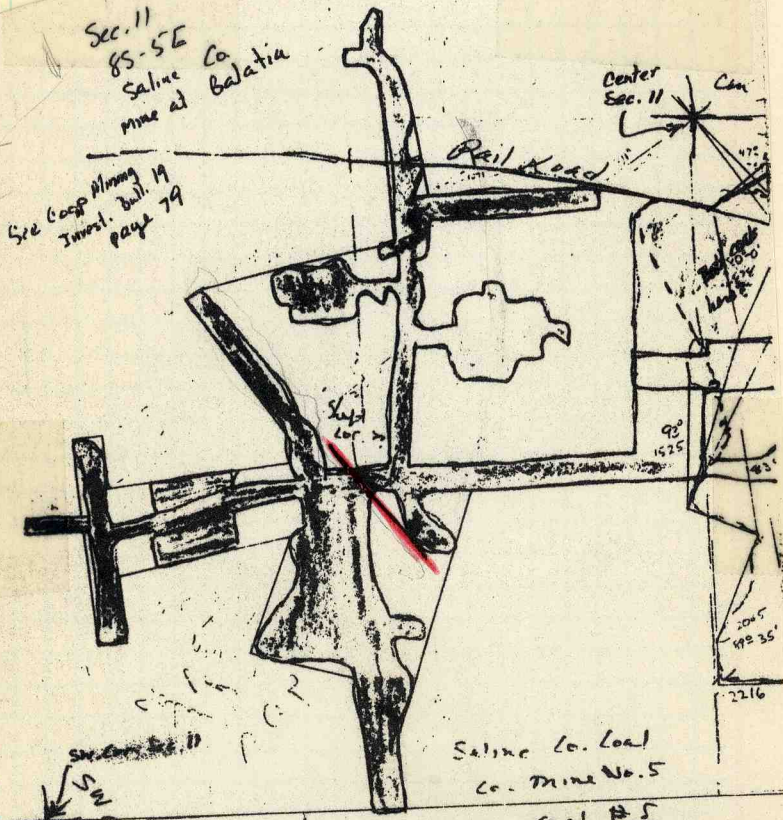
*Vein #6  
 contained in the  
 Saline County  
 Coal Corporation  
 office*





1029

Form Q. R. 154



— = "rock dyle" shown on mine map





Operator, **Galatia Coal Co.** Date **May 28 1906**  
 Mine, **No. 1** Sec. **11** T. **8** R. **5**  
 Located, **Galatia** miles from  
 Location in mine, **Main south entry** #6 cut

GRAPHIC SECTION		DESCRIPTION OF SECTION (AT POINT SAMPLED)		
In.	No.	No.	(Note character and thickness of roof)	Inches
8.5	2		Limestone 4 feet Draw st. 3 - 8 in.	
39.		1	Coal	8
		2	Sulphur	0- $\frac{1}{2}$ in
		3	Coal	39
		4	Blue band	1- $1\frac{1}{2}$ in
		5	Coal	28
1.5	4		Fire clay 3 feet	
6.14			(Note character and thickness of floor)	
			Total thickness of coal.	77
9.23			Condition, Time, hr. min.	
			Wt. Gross, lbs. Net, lbs.	
			What Nos. shipped by Co.?	
			Excluded from sample: No. 2 & 4.	
			Sample represents in. tons.	
			Impurities? How do they occur?	

Sample No. \_\_\_\_\_ Can No. **G.63** Lab. No. **319**  
 Collector, **Grout (NB.7 p.70)** Coal: Survey No. **6**  
 Mine, **Galatia** Co. **Saline** Index No. **0411**  
**R.—COAL SAMPLE SHEET.**



COAL MINE NOTES.  
CONTINUED.

OPERATOR *Galatin Coal Co* MINE #1 *Galatin*  
 ENTRANCE *Shaft* NAME OF COAL BED #7  
 ELEVATION THICKNESS OF COAL (#6)  
 DEPTH TO FLOOR *365* MAX. *6'-6"* MIN. *5'-6"* AV.  
 ALTITUDE OF COAL  
 LOCATION OF SECTION *Main South entry.*

No.	SECTION.	In.
1	<i>Ls.</i>	
2	<i>Draw slate</i>	<i>4'</i>
3	<i>Coal</i>	<i>3" to 8"</i>
4	<i>Sulphur</i>	
5	<i>Coal</i>	<i>5" to 1/2"</i>
6	<i>Blue Band</i>	<i>1" to 1 1/2"</i>
7	<i>Coal</i>	<i>39</i>
8	<i>Fire Clay</i>	<i>28</i>
9		
10		
11		
12		
	<i>Tape</i>	<i>Total</i>

SAMPLE No. *G#63*  
 CAN No.  
 CONDITION *8" 0" to 1/2"*  
 GROSS WEIGHT *39"*  
 TIME EXPOSED *1" to 1 1/2"*  
 NOT SHIPPED  
 NOT INCLUDED *3, 5, 7*



PHYSICAL PROPERTIES BY NUMBERS

*#4 was thin and not well separate from sample.  
 Blue Band Varies a little in position.  
 Reported 80' above another bed.*

ROOF *Draw slate when thick makes bad roof. max thickness 3'. Ls always good roof.*  
 FLOOR

DIP

FAULTS, ETC. *Cleat not noticeable.*

GAS *Some little gas.*

COLLECTOR *Grout*

REFERENCE *N.B. 7 P. 70*

DATE *04/11*



Operator, **Galatia Coal Co.** Date **1/29/08**  
 Mine, **Galatia** Sec. **11** T. **8** R. **5** E.  
 Located, **0** miles from **Galatia**  
 Location in mine, **500 ft. NE. of shaft**

GRAPHIC SECTION		DESCRIPTION OF SECTION (AT POINT SAMPLED)		
In.	No.	No.	(Note character and thickness of roof)	Inches
			Limestone	<i>No. 6 coal</i>
			Gray sh. 1' ±	
10	1			
.4	2	1	Coal	10
4.25	3	2	Bone and sulphur	.4
4.50	4	3	Coal	4
6.75	5	4	Dirty charcoal	.25
6.12	6	5	Coal	4.25
22.	7	6	Dirty charcoal	.50
	8	7	Coal	6
.50	9	8	Charcoal	.75
3.40	10	9	Coal	6
4.50	11	10	Sulphur	.12
5.50	12	11	Coal	22.
	13	12	Blue band and sulphur	.50
	14	13	Coal	3
	15	14	Dirty charcoal	.40
	16	15	Coal	4
	17	16	Bone coal	.50
		17	Coal	5.50
			(Fr. cl floor)	
			Total thickness of coal.	68.17
			Condition, <b>Dry</b>	Time, <b>1</b> hr. min. <b>85 37</b>
			Wt. Gross, <b>25</b> lbs.	Net, lbs. <b>17</b>
			What Nos. shipped by Co.?	
			Excluded from sample: No. <b>12</b>	
			Sample represents <b>68.17</b> in.	tons.
			Impurities? How do they occur?	



Sample No. **W-39** Can No. Lab. No. **1120**

Collector, **Wheeler (NB-139, p 30.)** Coal: Survey No. **6**  
 Mine, **Galatia** Co. **Saline** Index No. **0411**

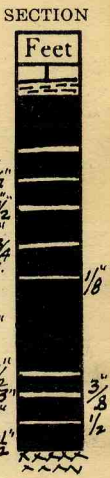


COAL MINE NOTES.  
CONTINUED.

OPERATOR *Galatia Coal Co.* MINE *Galatia #1*  
 ENTRANCE *Shaft.* NAME OF COAL BED #7 *Henry #6*  
 ELEVATION THICKNESS OF COAL  
 DEPTH TO FLOOR *365* MAX. *5 1/2'* MIN. *4 1/2'* AV.  
 ALTITUDE OF COAL  
 LOCATION OF SECTION *500' N.E. of shaft.*

No.	SECTION.	In.
	<i>Limestone &amp; gray shale 1'±.</i>	
1	<i>Coal</i>	<i>10</i>
2	<i>Bone Coal + sulphur</i>	<i>3/8</i>
3	<i>Coal</i>	<i>4</i>
4	<i>Dirty Char. Coal</i>	<i>1/4</i>
5	<i>Coal</i>	<i>4 1/2</i>
6	<i>Dirty Char. Coal</i>	<i>1/2</i>
7	<i>Coal</i>	<i>6</i>
8	<i>Char. Coal</i>	<i>3/4</i>
9	<i>Coal</i>	<i>6</i>
10	<i>Sulphur</i>	<i>1/8</i>
11	<i>Coal</i>	<i>22</i>
12	<i>Blue Band + Sulphur</i>	<i>1/2</i>
13	<i>Tap Coal</i>	<i>3</i>
	<i>Total</i>	<i>3</i>

SAMPLE No. *W39*  
 CAN No. *dry. 10"*  
 CONDITION *Dry. 3/8"*  
 GROSS WEIGHT *25* *6 1/2"*  
 TIME EXPOSED *1 hr. 22"* *6 3/4"*  
 NOT SHIPPED *1/2"*  
 NOT INCLUDED #12 *3"* *4"* *5 1/2"*



*14 Dirty Char. Coal 3/8*

~~PHYSICAL PROPERTIES BY NUMBERS~~

<i>15 Coal</i>	<i>4"</i>
<i>16 Bone Coal</i>	<i>1/2"</i>
<i>17 Coal</i>	<i>5 1/2"</i>
<i>Total</i>	<i>68 1/8"</i>

*Appearance of coal poor. The fresh face has numerous sulphur, bone, clay, smat or charcoal, streaks, and old coal is covered with white streaks of Fe SO<sub>4</sub>.*

ROOF *Ls with 1/2 of gray shale. Roof good, but shale falls where it is thin. Ls top in some parts of the mine.*

FLOOR *Hard fire Clay. softer than under Coal #5 but still good*

FAULTS, ETC.

GAS *a little gas.*

COLLECTOR *Wheeler*

REFERENCE *14B.139 P30*

DATE

*0411*



COAL MINE NOTES.

COUNTY *Saline* TOWN MAP No. *0411*  
T. *8S* R. *5E* S. *11SW.*

OPERATOR *Galatia Coal Co.*  
OFFICE *Galatia*  
MINE *#1 Galatia.*

TIPPLE  
ENGINES  
BOILERS  
DRUM

SHAFT CAGE  
HAULAGE *Mule*  
CARS *Wooden 2 tons or less capacity.*  
VENTILATION

DRAINAGE  
SPRINKLING  
WORKING SYSTEM  
MINING METHODS

*Hand mining, shot off solid.*

SIZE OF ENTRIES—MAIN CROSS ROOM NECK  
SIZE OF PILLARS—MAIN CROSS ROOM  
SHAFT CHAIN BARRIER  
AMOUNT OF TIMBERING *small amount.* SIZE  
PROPORTION OF COAL UTILIZED  
AMOUNT AND CHARACTER OF WASTE

ACREAGE OF COAL MINED  
ACREAGE OF COAL REMAINING  
PROPORTION OF MINE RUN AND SCREENED COAL  
METHOD OF SIZING *Small bar screens.* RESCREENED

SIZES  
PER CENT  
PROPORTION AND SIZE OF WASHED COAL

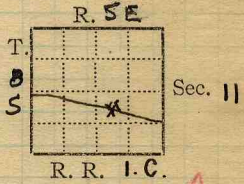
DAILY OUTPUT *400 tons.*  
UTILIZATION  
MARKETS

FREIGHT RATES  
SELLING PRICES AT MINE  
COAL LAND OWNED LEASED HELD IN FEE  
COST OF LAND OWNED LEASED HELD IN FEE  
ADDITIONAL NOTES

*0411*



Mine Name or No., **Galatia or No 5**  
 $\frac{1}{4}$  mile **W** from **Galatia**  
Operator, 1919 **Saline County Coal Co**



Operator, 1919 **Galatia Colliery Co #5**  
**Co. No 550**  
Entrance, **Shaft** Elev., **409.61** ft.  $\left\{ \begin{array}{l} \text{above, Seal level} \\ \text{below,} \end{array} \right.$   
Depth to bottom coal, **485** ft. Alt. **-75.**  
**up** SURFACE DATA.

*old shaft*  
*to #5 coal*

- A. Topography, **Rolling** See
- B. Surficial materials. (1) Character, See
- (2) Thickness, (3) Effect on mining and shaft-sinking, of former drainage lines, underground water strata, etc.

*No 6 at 367' 6" 0*  
*No 5 485' 7" 6" 5* } *By log #550*

- C. Outcrops, (1) Character, See
- (2) Structure, See
- (3) Fossil horizons, See
- Collection No., See
- (4) Evidences of subsidence, See
- D. Note collection of mine maps, drill records and shaft logs.

See drill record sheet,

- E. Notes on surrounding area,

See

Coal bed name: Local, Survey No. **5**   
Collector, **Cady, April 8, 1919**  
Mine, **Galatia, Saline #5** Co. **Saline** Index No. **004**  
L.—SURFACE SHEET (Geol.)





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

(a) Relative hardness,

(b) Lustre,

(c) Fracture,

(d) Texture,

(6) Impurities in coal, other than bedded,

See  
Few. Reported to be a  
"quartz" dike in one entry. Bed notes.

(a) Kind,

(b) Position and persistence,

(c) Rejected,

Ease of separation,

See

L. Floor: (1) Material,

fine clay

(2) Thickness,

(3) Variation,

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

See

(5) Clay sample No.

Location,

M. Stratigraphy,

(1) Fossiliferous horizons underground,

Collection No.

Location,

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

See

Collector, Cady ap. 8. 1919  
Mine, Galata Co. Saline  
N.—UNDERGROUND SHEET (Geol.)

Coal: Survey No. 5   
Index No. 04H



## INDEX

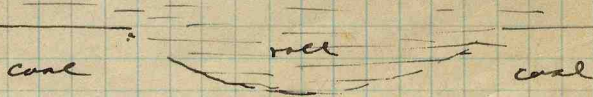
Conditions in this mine are exceedingly irregular and very unusual for No 5

The coal is of good thickness - about 6 feet. But the lower 3rd of the bed about 2 feet  $\frac{1}{2}$  is bony. - Interbedded carbonaceous clay and coal in thin streaks so that it is ~~waste~~ must be discarded. This streaky bony coal varies from nearly 3 feet in thickness in places down to 4-6 inches. the latter thickness being unusually rare.

There is said to be generally about 4 inches of good coal in the bottom

The middle of the bed is fairly good but contains occasional streaks of gray clay and some sulphur balls. The coal is not as clean as it is farther south or better suitable.

The top coal is grades into the roof. This makes an exceedingly irregular top.  $\frac{1}{2}$  Roof shale with interbedded coal streaks extends upward for a least 10 feet above the coal in some places. - These. In places in the mine the impurities extend down nearly to the bottom of the bed in the form of a "roll" of shale. In other



places the roll is ~~is~~ sandstone

Collector Cady April 8, 1919  
Mine Galatia Co. Saline  
X.-EXTRA SHEET No. 1

Coal: Survey No. 5   
Index No. 0411



## INDEX

The accompanying map\* shows the position of the sandstone "faucet" on the east side of the mine. The actual alignment of the irregularities has not been demonstrated so that the lines as drawn are more or less hypothetical. - On the west side of the shaft the roof is so continuously poor that any alignment as indicated is of little value.

\*Map is missing.  
PJD

Collector Cady Apr. 8. 1919  
 Mine Galatia Co. Saline  
 X.—EXTRA SHEET No. 2

Coal: Survey No. 5   
 Index No. 0411