



## Forensic Firearms Services Unit Evidence Submission Control Sheet



**Lab Control Number:** 210071

**ATF TRACE:**

<b>Agency Name:</b> NCCPD	<b>Investigating Officer:</b> Lt. Bradshaw #2695
<b>Date of Occurrence:</b> 1/13/2021	<b>Complaint Number:</b> 32-21-003169
<b>Type of Offense:</b> Officer Involved Shooting / Homicide	
<b>Location:</b> Rosemont Avenue, Wilmington, DE 19802	
<b>Contact Phone No. :</b> 302-395-8101	<b>Submitting:</b> Detective R. Phillips #2794
<b>Suspect:</b>	<b>Victim:</b>

**List your evidence below that you are submitting:**

- Item #1: ✓ Log #000601: ✓ (1) Smith & Wesson – M&P 9mm Pistol – Serial #HDS3764 (Ellis #2808)
- Item #2: ✓ Log #000602: ✓ (7) WCC+P+ 9mm Cartridges, (9) WMA+P+ 9mm Cartridges (Within Items #1 & #3)
- ✗ Item #3: ✓ Log #000602: ✓ (1) Smith & Wesson 9mm Magazine (From within Item #1)
- Item #4: Log #000603: ✓ (17) WCC+P+ 9mm Cartridges (From within Item #5)
- ✗ Item #5: Log #000603: ✓ (1) Smith & Wesson 9mm Magazine (Right mag pouch/Vest carrier)
- Item #6: Log #000603: ✓ (10) WCC+P+ 9mm Cartridges, (7) WMA+P+ 9mm Cartridges (From within Item #7)
- ✗ Item #7: Log #000603: ✓ (1) Smith & Wesson 9mm Magazine (Middle mag pouch/Vest carrier)
- Item #8: Log #000603: ✓ (9) WCC+P+ 9mm Cartridges, (8) WMA+P+ 9mm Cartridges (From within Item #9)
- ✗ Item #9: Log #000603: ✓ (1) Smith & Wesson 9mm Magazine (Left mag pouch/Vest carrier)
- Item #10: Log #000604: ✓ (1) Smith & Wesson – M&P 9mm Pistol – Serial #HME9929 (Ieradi #13015)
- Item #11: Log #000605: ✓ (11) WCC+P+ 9mm Cartridges (Within Items #10 & #12)
- ✗ Item #12: Log #000605: ✓ (1) Smith & Wesson 9mm Magazine (From within Item #10)
- Item #13: Log #000606: ✓ (17) WCC+P+ 9mm Cartridges (From within Item #14)
- ✗ Item #14: Log #000606: ✓ (1) Smith & Wesson 9mm Magazine (Right mag pouch/Duty belt)
- Item #15: Log #000606: ✓ (17) WCC+P+ 9mm Cartridges (From within Item #16)
- ✗ Item #16: Log #000606: ✓ (1) Smith & Wesson 9mm Magazine (Left mag pouch/Duty belt)

<b>Date Received:</b> 01/18/2021 @ 0830	<b>Date Returned:</b>
<b>Submitted By:</b> DET Mergenthaler	<b>Returned To:</b>

**Received By:** Det. B. J. J. 1103      **Returned By:**



**Forensic Firearms Services Unit  
Evidence Submission Control Sheet**



Lab Control Number: 210071

**ATF TRACE:**

Agency Name: NCCPD		Investigating Officer: Lt Bradshaw 2695	
Date of Occurrence: 01/13/2021		Complaint Number: 32-21-003169	
Type of Offense: Officer Involved Shooting (Homicide)			
Location of Occurrence: Rosemont Ave @ E 24 <sup>th</sup> St Wilmington, DE 19802			
Contact Phone No. : 302-395-8101		Submitting: Det Fitzwater 2672	
Suspect:			

**List your evidence below that you are submitting:**

- Item #17: ✓ Log #000300: WCC +P+ 18 (9mm Luger) shell casing (Marker 2) ---
- Item #18: ✓ Log #000300: WCC +P+ 18 (9mm Luger) shell casing (Marker 4)
- Item #19: ✓ Log #000300: WCC +P+ 18 (9mm Luger) shell casing (Marker 5)
- Item #20: ✓ Log #000300: WCC +P+ 18 (9mm Luger) shell casing (Marker 6)
- Item #21: ✓ Log #000300: WCC +P+ 18 (9mm Luger) shell casing (Marker 7)
- Item #22: ✓ Log #000300: WCC +P+ 18 (9mm Luger) shell casing (Marker 8)
- Item #23: Log #000300: WCC +P+ 18 (9mm Luger) shell casing (Marker 9)
- Item #24: Log #000641: ✓ WMA +P+ 19 (9mm Luger) shell casing (Marker 1) -
- Item #25: Log #000641: ✓ WMA +P+ 19 (9mm Luger) shell casing (Marker 3) -
- Item #26: Log #000806: ✓ Projectile (from autopsy) ---
- Item #27: Log #000660: Projectile (from suspect vehicle) (Veh Marker #2) ==
- Item #28: Log #000660: Projectile (from suspect vehicle) (Veh Marker #4) ---
- Item #29: Log #000660: Copper jacket fragment (from suspect vehicle) -

Date Received: 01/18/2021 @ 0830	Date Returned:
Submitted By: DET Mergenthaler	Returned To:
Received By: Det. Bidjle 1103	Returned By:

*Delaware State Police*  
*Forensics Firearms Services Unit*  
*Dover DE*

Lt. Bradshaw #2695  
New Castle County Police Department  
3601 N. Dupont Highway  
New Castle, Delaware 19720

Lab. Number: 210071  
Complaint Number: 32-21-003169  
Date of Report: February 9, 2021

Victim: Lymond M. Moses  
Officer Involved Shooting/Homicide

Location: Rosemont Avenue  
Wilmington, DE. 19802

**EXHIBITS:**

The evidence described below was received on January 18, 2021:

Item #1	One (1) pistol (Officer Ellis #2808)
Item #2	Sixteen (16) cartridges
Item #3	One (1) magazine
Item #4	Seventeen (17) cartridges
Item #5	One (1) magazine
Item #6	Seventeen (17) cartridges
Item #7	One (1) magazine
Item #8	Seventeen (17) cartridges
Item #9	One (1) magazine
Item #10	One (1) pistol (Officer Ieradi #13015)
Item #11	Eleven (11) cartridges
Item #12	One (1) magazine
Item #13	Seventeen (17) cartridges
Item #14	One (1) magazine
Item #15	Seventeen (17) cartridges
Item #16	One (1) magazine
Items #17- #25	Nine (9) cartridge cases
Items #26- #28	Three (3) bullets
Item #29	One (1) bullet jacket fragment

**ADMINISTRATIVE NOTE:**

The results of the evidence will be divided up between the two submitted firearms.

*Delaware State Police*  
*Forensics Firearms Services Unit*  
*Dover DE*

**RESULTS OF EXAMINATION:**

**FIREARM #1 (ELLIS #2808):**

Item #1 is a 9mm Luger caliber Smith and Wesson (S&W) semi-automatic pistol, model M&P, serial number HDS3764. Item #1 functioned normally when test fired in the Laboratory. The barrel of Item #1 is rifled with five lands and grooves, right twist.

Items #3, #5, #7 and #9 are all 9mm Luger caliber S&W magazines, capacity seventeen (17) cartridges, that fit into and function with the Item #1 S&W pistol.

Item #2 consists of sixteen (16) 9mm Luger cartridges, all Winchester brand.

Item #4 consists of seventeen (17) 9mm Luger cartridges, all Winchester brand.

Item #6 consists of seventeen (17) 9mm Luger cartridges, all Winchester brand.

Item #8 consists of seventeen (17) 9mm Luger cartridges, all Winchester brand.

Items #24 and #25 are both 9mm Luger caliber cartridge cases, Winchester brand.

**It was determined that the Item #24 and #25 cartridge cases were both fired in the Item #1 S&W pistol.**

**FIREARM #2 (IERADI #13015):**

Item #10 is a 9mm Luger caliber S&W semi-automatic pistol, model M&P, serial number HME9929. Item #10 functioned normally when test fired in the Laboratory. The barrel of Item #10 is rifled with five lands and grooves, right twist.

Items #12, #14 and #16 are all 9mm Luger caliber S&W magazines, capacity seventeen (17) cartridges, that fit into and function with the Item #10 S&W pistol.

Item #11 consists of eleven (11) 9mm Luger cartridges, all Winchester brand.

Item #13 consists of seventeen (17) 9mm Luger cartridges, all Winchester brand.

Item #15 consists of seventeen (17) 9mm Luger cartridges, all Winchester brand.

Page 2 of 3

Laboratory Number: 210071

Complaint Number: 32-21-003169

*Delaware State Police*  
*Forensics Firearms Services Unit*  
*Dover DE*

Items #17 through #23 are all 9mm Luger caliber cartridge cases, Winchester brand.

It was determined that the Item #17 through #23 cartridge cases were all fired in the Item #10 S&W pistol.

**Bullets and bullet jacket fragments:**

Items #26 through #28 are jacketed hollow point bullets from the .38 caliber family, which includes 9mm Luger. Items #26 through #28 were fired in a barrel(s) rifled with five (5) lands and grooves, right twist.

Item #29 is a copper bullet jacket fragment, fired from a barrel with right twist rifling.

The Items #26 through #28 bullets and the Item #29 bullet jacket fragment could be neither identified nor eliminated as either having been fired from the same barrel or having been fired from the barrel of either the Item #1 or the Item #10 S&W pistols.

*All identifications are based upon a combination of agreement of discernable class characteristics and sufficient agreement of the individual microscopic characteristics of the items as viewed under the comparison microscope using pattern matching.*

*Any eliminations made are based upon significant differences in discernable class and/or individual characteristics.*

*Any determination that Items could not be identified or eliminated is based upon agreement of discernable class characteristics combined with the lack of sufficient agreement or disagreement of individual microscopic characteristics.*

Please retain the above evidence for FIVE (5) years from above Date

  
**James J. Cadigan**

Firearms and Tool Mark Examiner  
Delaware State Police  
Forensic Firearms Services Unit

**DSP FORENSIC FIREARMS SERVICES UNIT  
FIREARM NOTES**

FFSU NUMBER: 210071	COMPLAINT NUMBER: 32-21-003169
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<b>FIREARM TYPE:</b>	SAP	<b>SERIAL NUMBER:</b>	HDS3764
<b>MAKE:</b>	Smith and Wesson (S&W) Springfield, MA.	<b>IMPORTER:</b>	
<b>MODEL:</b>	M&P	<b>CALIBER:</b>	9mm Luger
<b>TEST FIRED:</b>	Y	<b>COLOR:</b>	Black
<b>OPERABLE:</b>	Y		
<b>LAG:</b>	5R	<b>CAPACITY:</b>	1 + 17
<b>FIRING PIN:</b>		<b>BARREL LENGTH:</b>	4 1/4"
<b>MAG SAFE:</b>	Y	<b>TRIGER PULL:</b>	SINGLE ACTION:  DOUBLE ACTION:

**NOTES:**

Item 1 functioned normally when test fired in the Laboratory.

It was determined that the Item 24 and 25 CC's were fired in the Item 1 S&W SAP.

<b>EXAMINER:</b> J. Cadigan.	<b>DATE:</b> 2/8/21	<b>INITIALS:</b> <i>JC</i>
<b>PEER REVIEW:</b>	<b>DATE:</b>	<b>PAGE:</b> 1 OF 17
<b>NIBIN:</b>	<b>DATE:</b>	<b>INITIALS:</b>

**DSP FORENSIC FIREARMS SERVICES UNIT  
FIREARM NOTES**

FFSU NUMBER: 210071	COMPLAINT NUMBER: 32-21-003169
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FIREARM TYPE:	SAP	SERIAL NUMBER:	HME9929
MAKE:	Smith and Wesson (S&W) Springfield, MA.	IMPORTER:	
MODEL:	M&P	CALIBER:	9mm Luger
TEST FIRED:	Y	COLOR:	Black
OPERABLE:	Y		
LAG:	5R	CAPACITY:	1 + 17
FIRING PIN:		BARREL LENGTH:	4 1/4"
MAG SAFE:	Y	TRIGER PULL:	SINGLE ACTION: DOUBLE ACTION:

**NOTES:**

Item 10 functioned normally when test fired in the Laboratory.

It was determined that the Item 17-23 CC's were all fired in the Item 10 S&W SAP.

Item 3 is a 9mm Luger caliber S&W magazine, capacity 17 cartridges, that fit into and functioned with the Item 10 S&W SAP.

EXAMINER: J. Cadigan.	DATE: 2/4/21	INITIALS: <i>JC</i>
PEER REVIEW:	DATE:	PAGE: 2 OF 17
NIBIN:	DATE:	INITIALS:

**DSP FORENSIC FIREARMS SERVICES UNIT  
CARTRIDGE CASE NOTES**

FFSU NUMBER: <i>210011</i>	COMPLAINT NUMBER: <i>52-21-003168</i>
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ITEM:	2				
CALIBER:	9mm Luger				
MARKETED BY:	Winchester (7-WCC & 9-WMA)				
CASE:	Nickel				
PRIMER:	Brass				
BREECH:					
FIRING PIN:					
Results					

NOTES:

Item 2 consists of (16) 9mm Luger caliber cartridges, all Winchester brand, loaded with JHP bullets.

EXAMINER: J. Cadigan	DATE: 02/08/21	INITIALS: <i>JC</i>
PEER REVIEW:	DATE:	PAGE: 3 OF 17



**DSP FORENSIC FIREARMS SERVICES UNIT  
MISCELLANEOUS NOTES**

FFSU NUMBER: 210071

COMPLAINT NUMBER: 32-21-003169

**NOTES:**

Item 4 consists of (17) 9mm Luger caliber cartridges, all Winchester brand (8-WMA headstamp & 9-WCC headstamp) all loaded with JHP bullets. These cartridges are described as being "from Item 5 magazine"

Items 3 and 5 are 9mm Luger caliber S&W magazines, capacity 17 cartridges, which fit into and functioned with the Item 10 S&W SAP.

Item 7 is a 9mm Luger caliber S&W magazine, capacity 17 cartridges, which fit into and functioned with the Item 10 S&W SAP.

Item 6 consists of (17) cartridges, all Winchester brand (10-WCC & 7-WMA) all are loaded with JHP bullets. These are described as being "from the Item 7 magazine".

Item 8 consists of (17) cartridges, all Winchester brand (9-WCC & 8-WMA) all are loaded with JHP bullets. These are described as being "from the Item 9 magazine".

Item 9 is a 9mm Luger caliber S&W magazine, capacity 17 cartridges, which fit into and functioned with the Item 10 S&W SAP.

Item 11 consists of (11) cartridges, all Winchester brand, (11-WCC) all are loaded with JHP bullets. These are described as being "from the Item 12 magazine and Item 10" (S&W SAP).

Item 12 is a 9mm Luger caliber S&W magazine, capacity 17 cartridges, which fit into and functioned with the Item 10 S&W SAP.

Item 13 consists of (17) cartridges, all Winchester brand, (17-WCC) all are loaded with JHP bullets. These are described as being "from the Item 14 magazine".

Item 14 is a 9mm Luger caliber S&W magazine, capacity 17 cartridges, which fit into and functioned with the Item 10 S&W SAP.

Item 15 consists of (17) cartridges, all Winchester brand, (17-WCC) all are loaded with JHP bullets. These are described as being "from the Item 16 magazine".

Item 16 is a 9mm Luger caliber S&W magazine, capacity 17 cartridges, which fit into and functioned with the Item 10 S&W SAP.

EXAMINER: James Cadigan

DATE: 2/2/21

INITIALS: *JC*

PEER REVIEW:

DATE:

PAGE: *4* OF *17*

**DSP FORENSIC FIREARMS SERVICES UNIT  
CARTRIDGE CASE NOTES**

FFSU NUMBER: 210071	COMPLAINT NUMBER: 32-21-003169
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ITEM:	17-25				
CALIBER:	9mm Luger				
MARKETED BY:	Winchester				
CASE:	Nickel				
PRIMER:	Brass				
BREECH:	Parallel				
FIRING PIN:	Hemispherical				
Results					

**NOTES:**

It was determined that the Item 17-23 CC's were all fired in the Item 10 S&W SAP.  
Further, the Item 24 and 25 CC's were both fired in the Item #1 S&W SAP.

EXAMINER: J. Cadigan	DATE: 02/08/21	INITIALS: <i>JC</i>
PEER REVIEW:	DATE:	PAGE: 5 OF 17

## DSP FORENSIC FIREARMS SERVICES UNIT BULLET NOTES

LABORATORY NUMBER: 210071	COMPLAINT NUMBER: 32-21-003169
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ITEM:	26	27	28	29	
<b>CALIBER:</b>	.38 caliber family	.38 caliber family	.38 caliber family	Undeter.	
<b>DIAMETER:</b>	Undetermined (deformed)	Undet. (deformed)	Undet. (deformed)	Jacket fragment	
<b>LAG:</b>	4 (visible) R	5R	5R	4 (visible) R	
<b>LIMP:</b>					
<b>GIMP:</b>					
<b>BULLET COMP:</b>	JHP	JHP	JHP		
<b>WEIGHT:</b>	96.2 Gr.	100.4 Gr.	124.2 Gr.	19.2 Gr.	
<b>CANNELURE:</b>					
<b>Results</b>					

**NOTES:**

Items 26-29 could be neither identified nor eliminated as either having been fired either from the same barrel or having been fired from the barrel of either the Item 1 or the Item 10 S&W SAP's.

<b>EXAMINER:</b> J. Cadigan	<b>DATE:</b> 2/9/21	<b>INITIALS:</b> <i>JC</i>
<b>PEER REVIEW:</b>	<b>DATE:</b>	<b>PAGE:</b> 6 OF 17

**Delaware State Police  
Forensic Firearms Services Unit**

PEER REVIEW WORKSHEET

Lab #

Confirmations will be performed on the best relevant evidence from which the assigned examiner developed their results.

A second examiner has confirmed the following identifications or associations of evidence.

Reviewer	Items	Comments
<i>S. Crady</i>	<i>#26 - #29 VS #1 AND #10</i>	<i>NO CONCLUSIVE</i>

The above conclusions have been peer reviewed by a qualified examiner.

CONDUCTED BY: *S. Crady*

DATE: *2-4-21*

*S*  
*pg 7 of 17*

Delaware State Police  
Forensic Firearms Services Unit

PEER REVIEW WORKSHEET

Lab # 210071

Confirmations will be performed on the best relevant evidence from which the assigned examiner developed their results.

A second examiner has confirmed the following identifications or associations of evidence.

Reviewer	Items	Comments
<i>S. Deady</i>	<i>#244 #25 US TESTIMES FROM #1</i>	<i>(P) IDENTIFICATION</i>

The above conclusions have been peer reviewed by a qualified examiner.

CONDUCTED BY: *S. Deady*

DATE: *2-4-2021*

*PC  
pg 8 of 11*

Delaware State Police  
Forensic Firearms Services Unit

PEER REVIEW WORKSHEET

Lab # 210071

Confirmations will be performed on the best relevant evidence from which the assigned examiner developed their results.

A second examiner has confirmed the following identifications or associations of evidence.

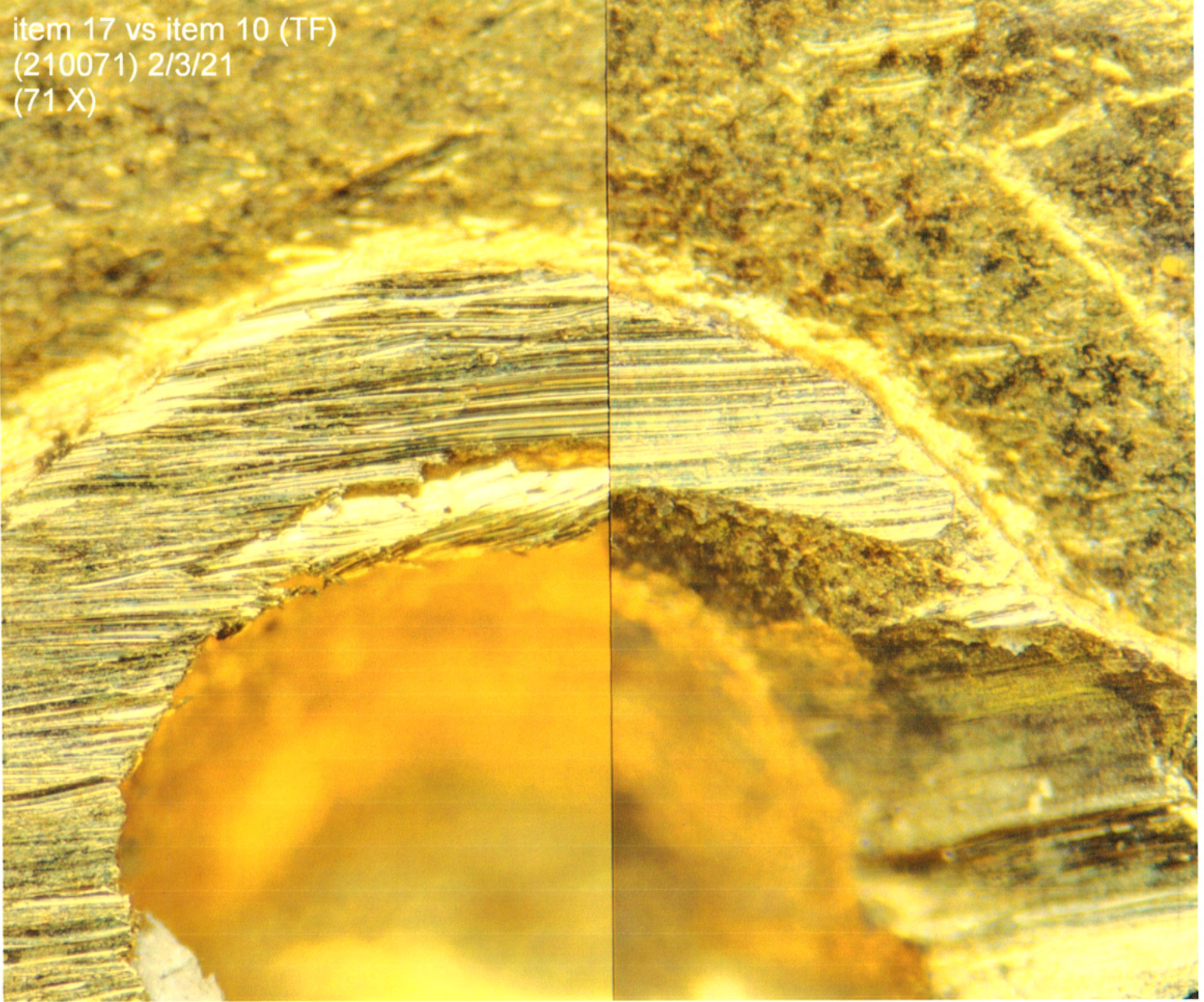
Reviewer	Items	Comments
<i>S Oeady</i>	<i>Items 17-23 <sup>VS</sup> #10</i>	<i>Identification</i>

The above conclusions have been peer reviewed by a qualified examiner.

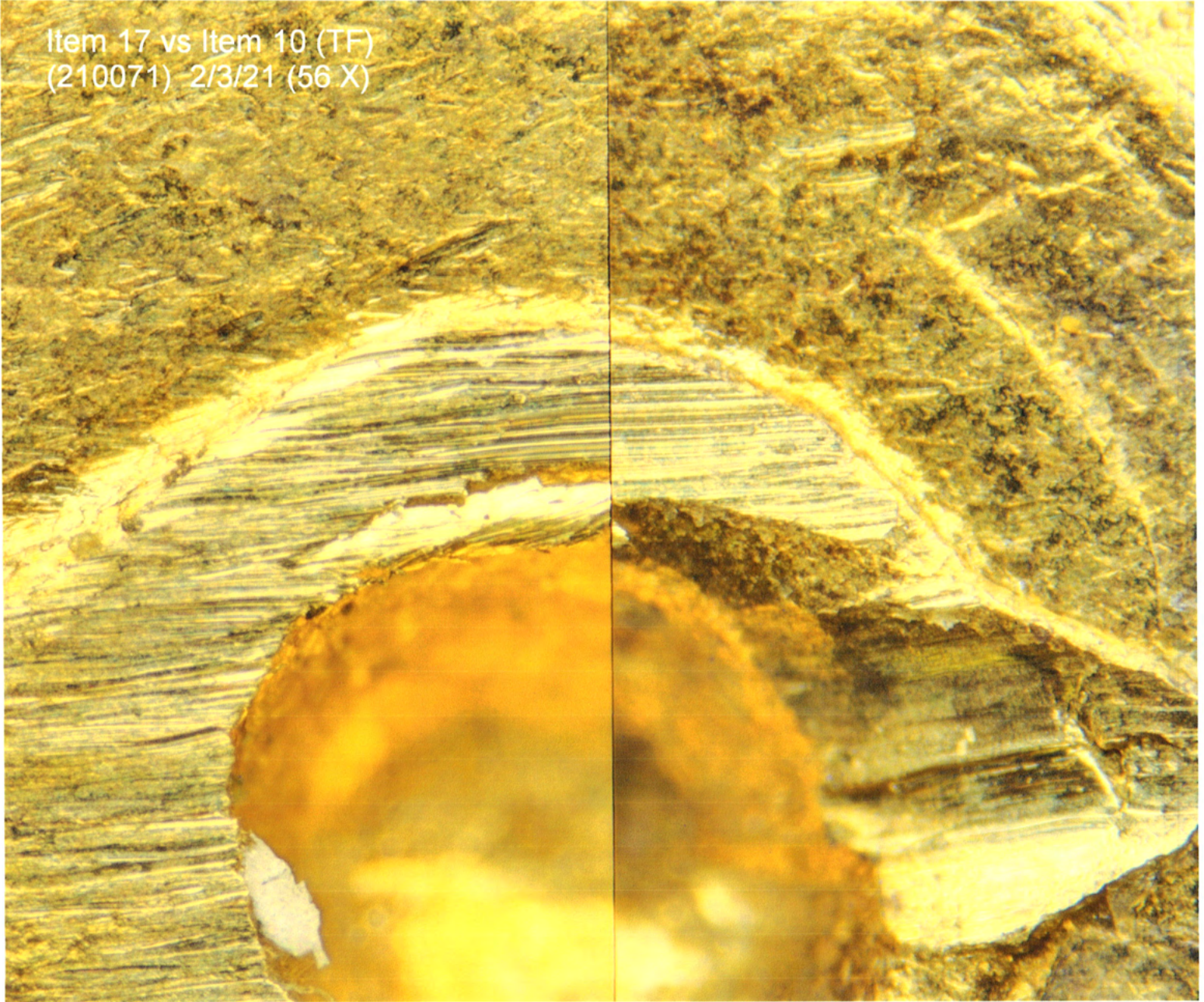
CONDUCTED BY: *S Oeady*      DATE: *2-4-21*

*R*  
*03/27/17*

item 17 vs item 10 (TF)  
(210071) 2/3/21  
(71 X)

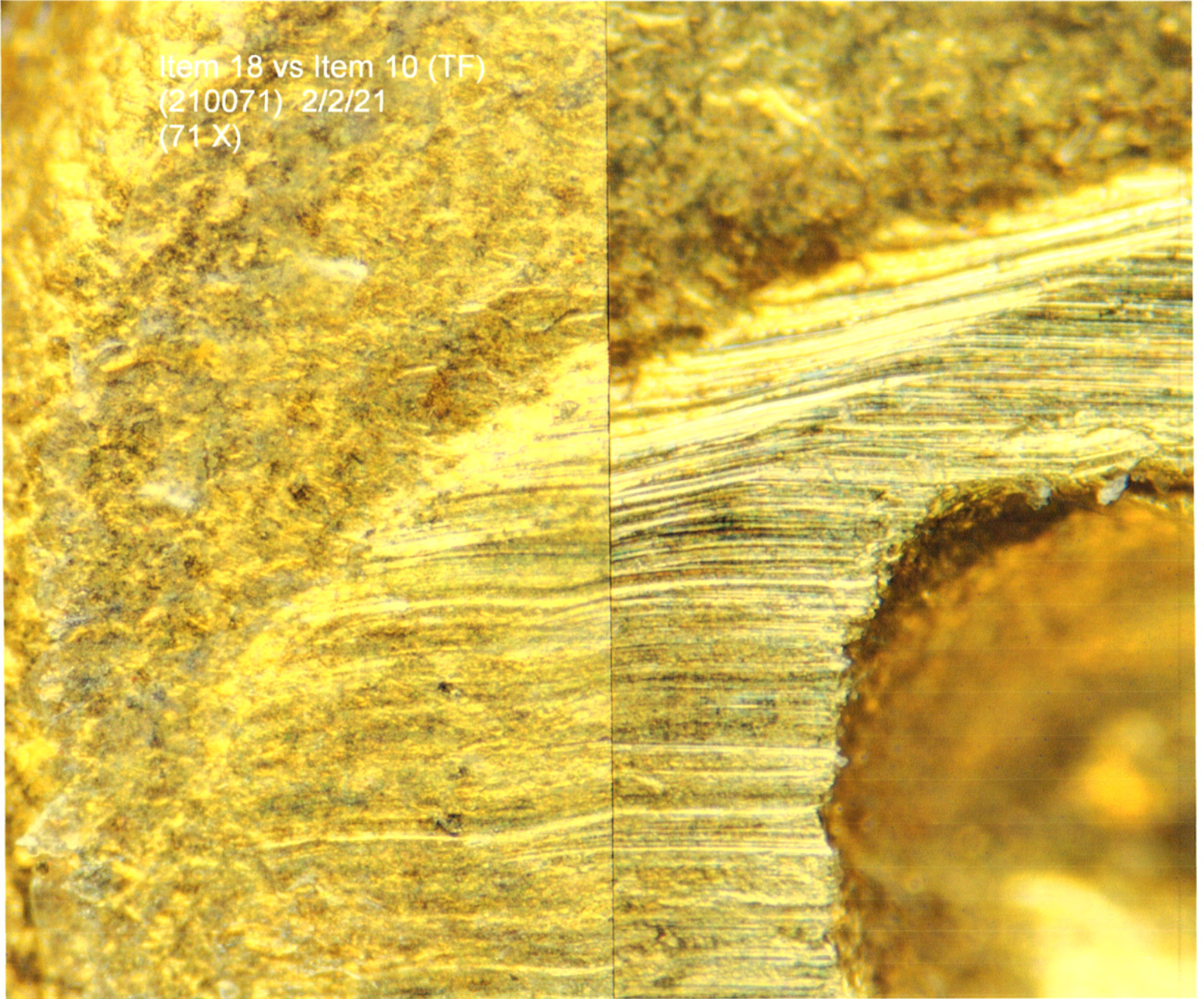


Item 17 vs Item 10 (TF)  
(210071) 2/3/21 (56 X)

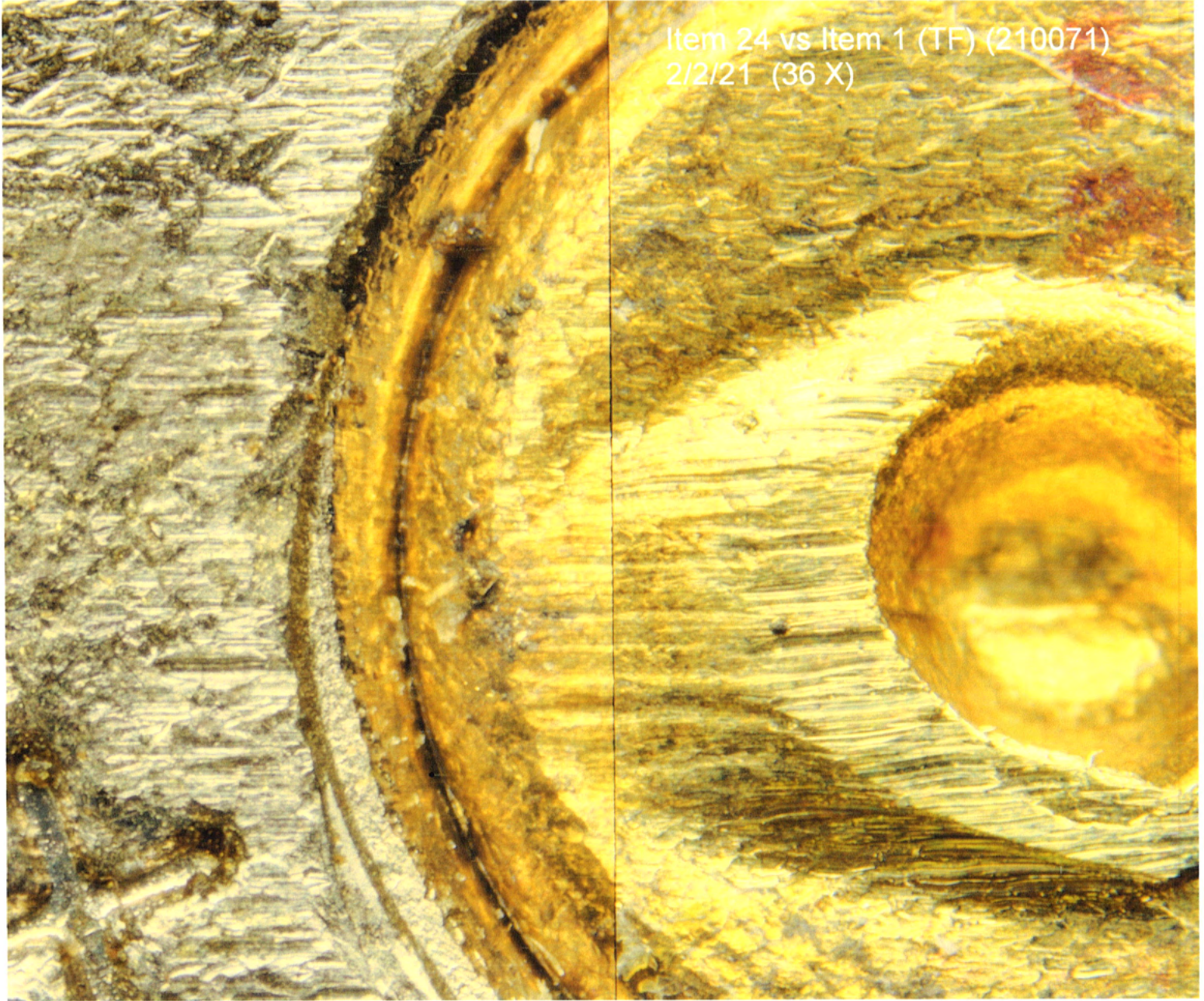




Item 18 vs Item 10 (TF)  
(210071) 2/2/21  
(71 X)

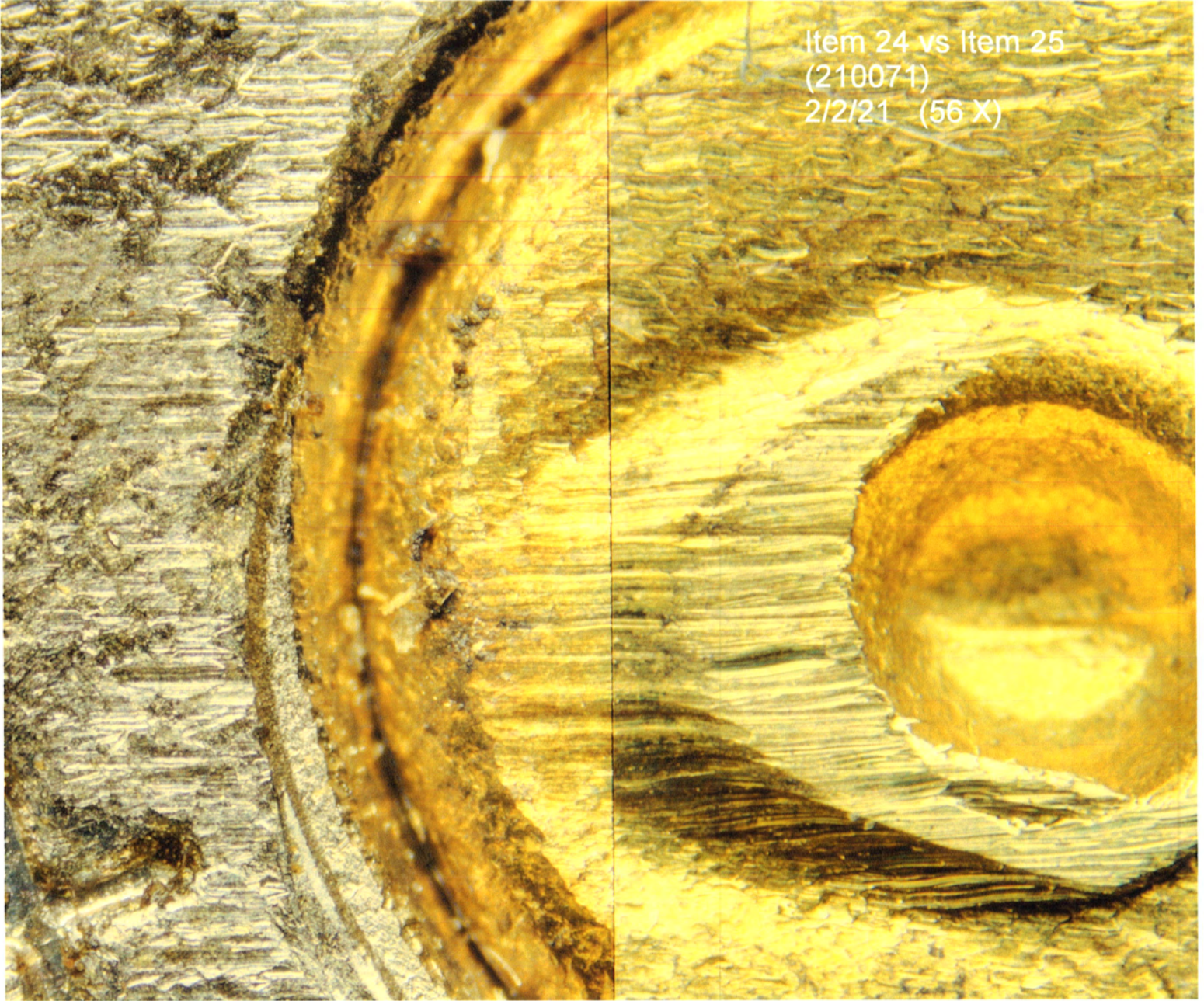


R  
pg 12 of 17



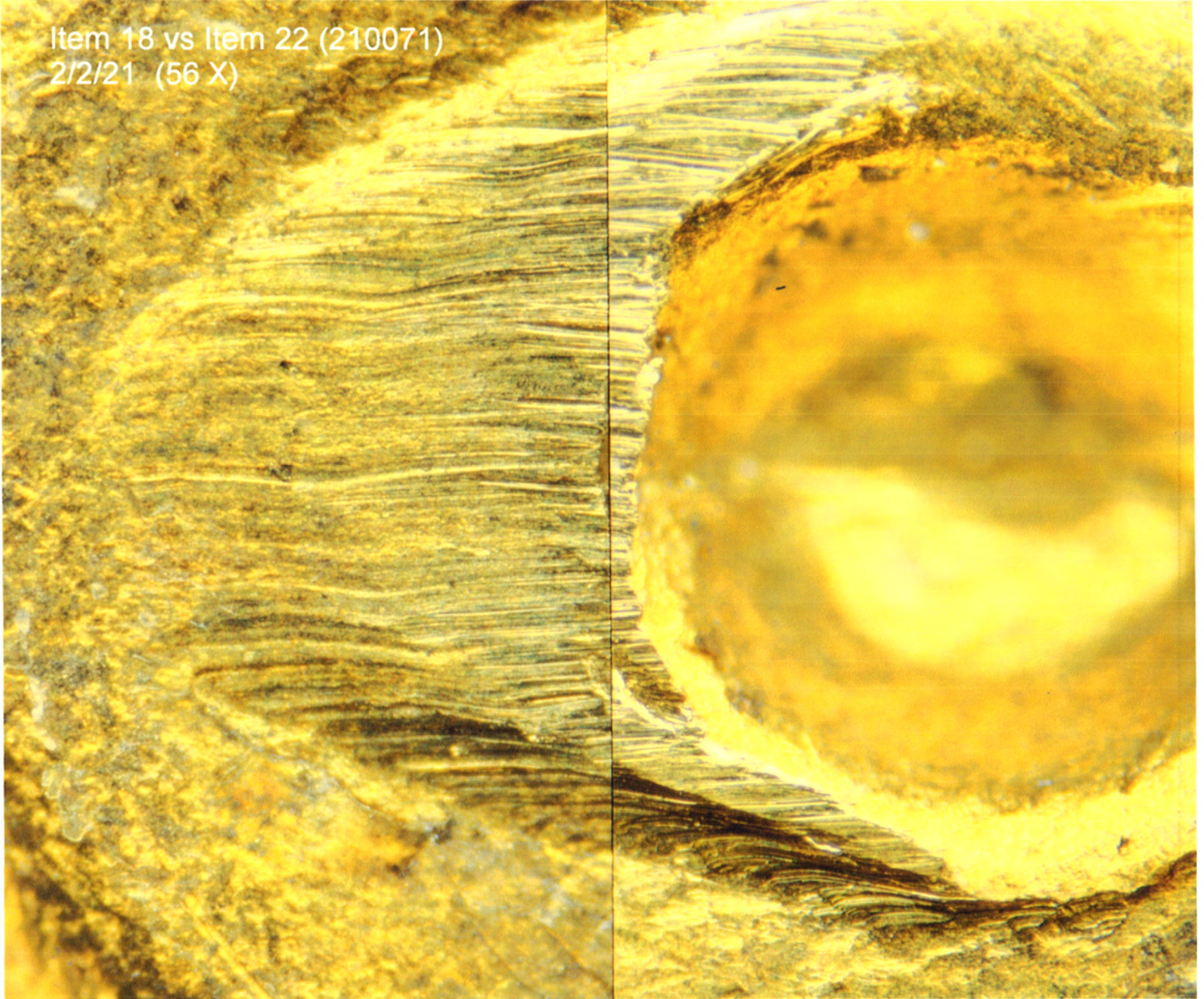
9  
pg 137-17

Item 24 vs Item 25  
(210071)  
2/2/21 (56 X)



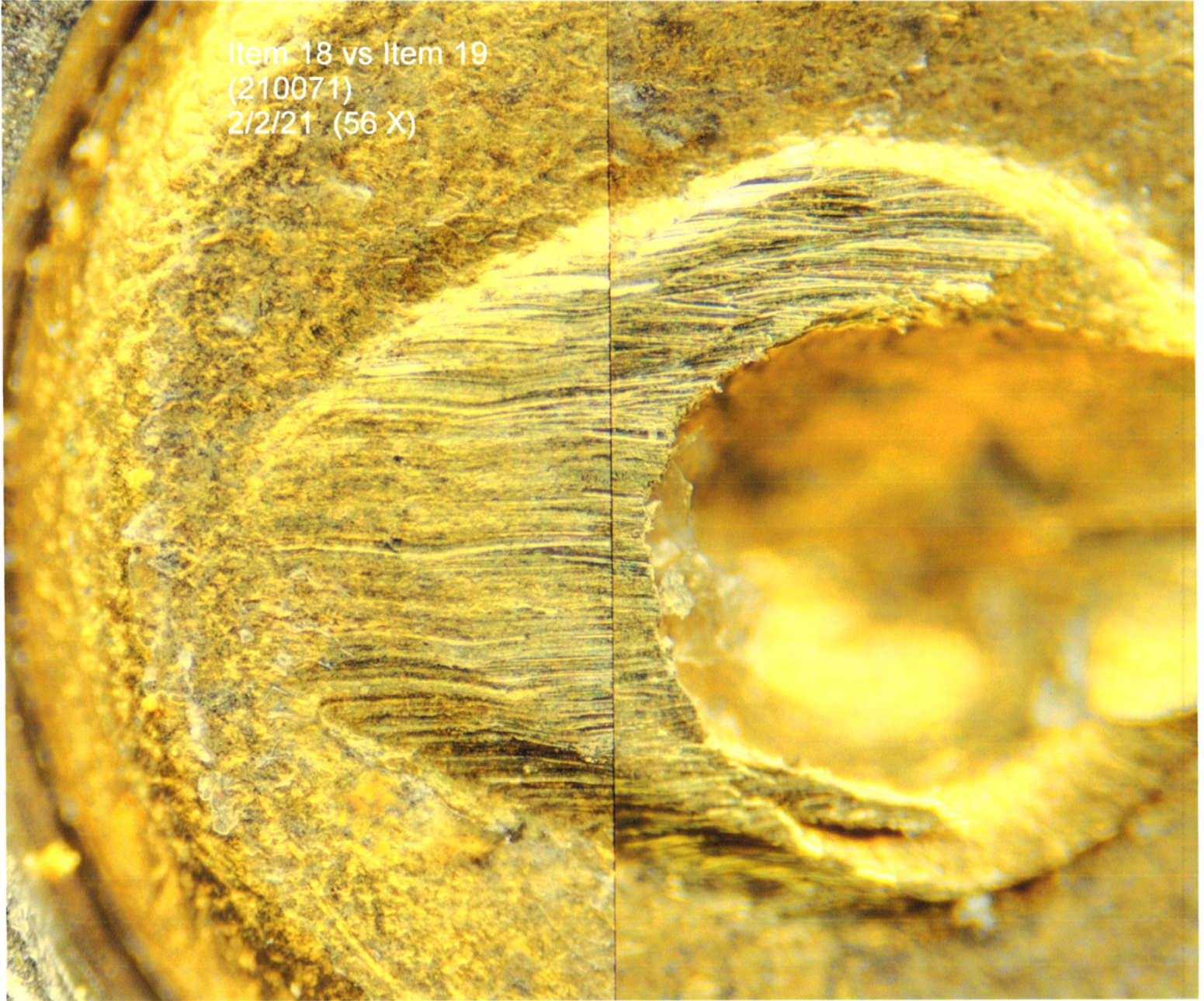
R  
pg 14 of 17

Item 18 vs Item 22 (210071)  
2/2/21 (56 X)



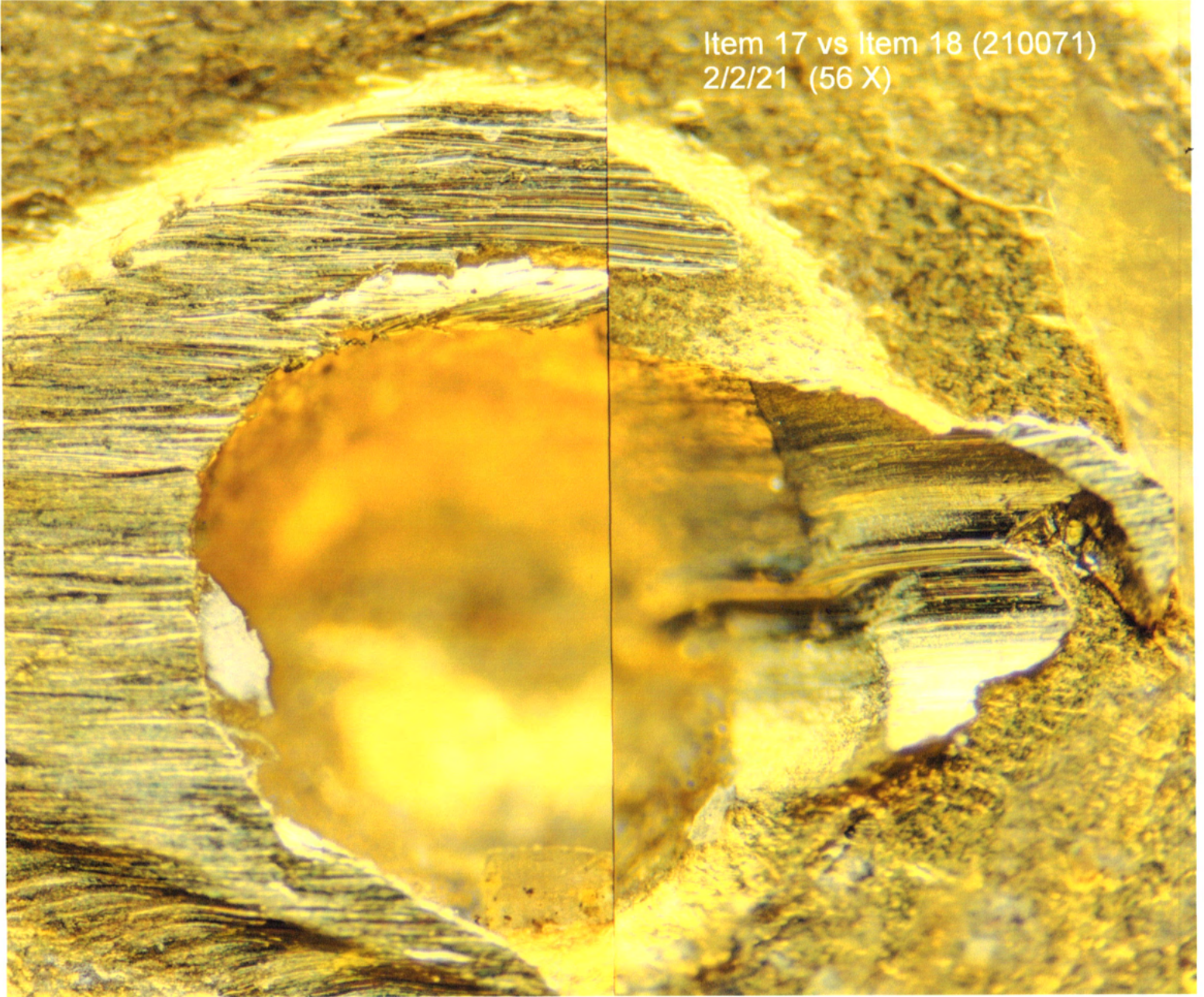
R  
pg 15 of 17

Item 18 vs Item 19  
(210071)  
2/2/21 (56 X)



R  
pg 16 of 17

Item 17 vs Item 18 (210071)  
2/2/21 (56 X)



R  
pg 17 of 17

Delaware State Police  
Forensic Firearms Services Unit

Administrative and Proofreading  
REVIEW WORKSHEET

Lab # 210071

REPORT

Is the report and wording in accordance with FFSU guidelines? yes

NOTES

Is the evidence properly described? yes

Do the FFSU case number, date and examiner's initials appear on all worksheets? yes

Do the notes contain all pertinent information needed to support the conclusion reached? yes

SUPPORTING DOCUMENTATION

Are all graphs, charts, and/or pictures properly labeled? yes

Is the Evidence Submission Sheet present? yes

CONDUCTED BY: Det. B: Jille 1103

DATE: 02/09/2021