PROJECT 10073 RECORD CARD

1. DATE 1 Sep 61	2. LOCATION Sandusky,	Ohio	12. CONCLUSIONS Was Balloon Probably Balloon
3. DATE-TIME GROUP Local 1920 GMT 020020Z 5. PHOTOS	4. TYPE OF OBSERVATION — WGround-Visual — Air-Visual 6. SOURCE	Ground-Radar Air-Intercept Radar	Possibly Balloon Was Aircraft Probably Aircraft Possibly Aircraft Was Astronomical
D No	Civilian		Probably Astronomical Possibly Astronomical
7. LENGTH OF OBSERVATION 2-5 min	8. NUMBER OF OBJECTS	9. COURSE WSW	Insufficient Data for Evaluation Unknown
objt going WSW. Started fm 2-5 min. At twilight. appeared as light. About red and white, blinking, orange smoke.	original objt as bright as Venus, with trail or red	detail to allow many possible of in image shown, evidence which woobjt was an integer constituted if our national second	an analysis. There are jts which could result ie meteor. There is no ould indicate that this rplanetary space vehicle in any way a threat to make
See: Film (Film 100 Parsion SE			

ATIC FORM 329 (REV 26 BEP 52)

25. Where were you located when you saw the object? (Circle One): a. Inside a building (b. In a car c. Outdoors d. In an airplane (type) e. At sea f. Other 27. What were you doing at the time you saw the object	a. In the business section of b. In the residential section c. In open countryside? d. Near an airfield? e. Flying over a city? f. Flying over open country? g. Other , and how did you happen to notice it?	of a city?
28. IF you were MOVING IN AN AUTOMOBILE or other	vehicle at the time, then complete the	following quest
28.1 What direction were you moving? (Circle On a. North c. East b. Northeast d. Southeast		g. West h. Northwest
28.2 How fast were you moving? 65		
28.3 Did you stop at any time while you were loo (Circle One) Yes No	miles per hour. king at the object? FRAIL	
28.3 Did you stop at any time while you were loo	king at the object? FNLT © TRAIL the object? (Circle One)	
28.3 Did you stop at any time while you were loo (Circle One) Yes No 29. What direction were you looking when you first saw	king at the object? FILAIL the object? (Circle One)	West
28.3 Did you stop at any time while you were loo (Circle One) Yes No Noth C. East	the object? (Circle One) e. South	West
28.3 Did you stop at any time while you were loo (Circle One) Yes No North C. East b. Northeast A. Southeast	the object? (Circle One) e. South f. Southwest i.	West
28.3 Did you stop at any time while you were loo (Circle One) 29. What direction were you looking when you first saw a. North b. Northeast d. Southeast	the object? (Circle One) e. South f. Southwest the object? (Circle One)	West_ Northwest Overhead
28.3 Did you stop at any time while you were loo (Circle One) 29. What direction were you looking when you first saw a. North b. Northeast d. Southeast	the object? (Circle One) e. South f. Southwest the object? (Circle One)	West
28.3 Did you stop at any time while you were loo (Circle One) 29. What direction were you looking when you first saw a. North b. Northeast 30. What direction were you looking when you last saw a. North c. East b. Northeast c. East b. Northeast d. Southeast	the object? (Circle One) e. South f. Southwest e. South f. Southwest i. the object? (Circle One) e. South f. Southwest i.	West Northwest Overhead West Northwest Overhead
28.3 Did you stop at any time while you were loo (Circle One) Yes No No No North C. East B. Northeast C. East C	the object? (Circle One) e. South f. Southwest the object? (Circle One) e. South f. Southwest i. the object? (Circle One) e. South f. Southwest i. tion), try to estimate the number of degrees it was upward from the horizon	West Overhead West Overhead Overhead grees the object
28.3 Did you stop at any time while you were loo (Circle One) 29. What direction were you looking when you first saw a. North b. Northeast 20. What direction were you looking when you last saw a. North c. East b. Northeast 21. If you are familiar with bearing terms (angular direction true North (thru east) and also the number of direction true North (thru east) and also the number of direction true North (thrue North 15-20° degrees. 21.2 When it disappeared:	the object? (Circle One) e. South f. Southwest the object? (Circle One) e. South f. Southwest i. the object? (Circle One) e. South f. Southwest i. tion), try to estimate the number of degrees it was upward from the horizon	West Overhead West Overhead Overhead grees the object

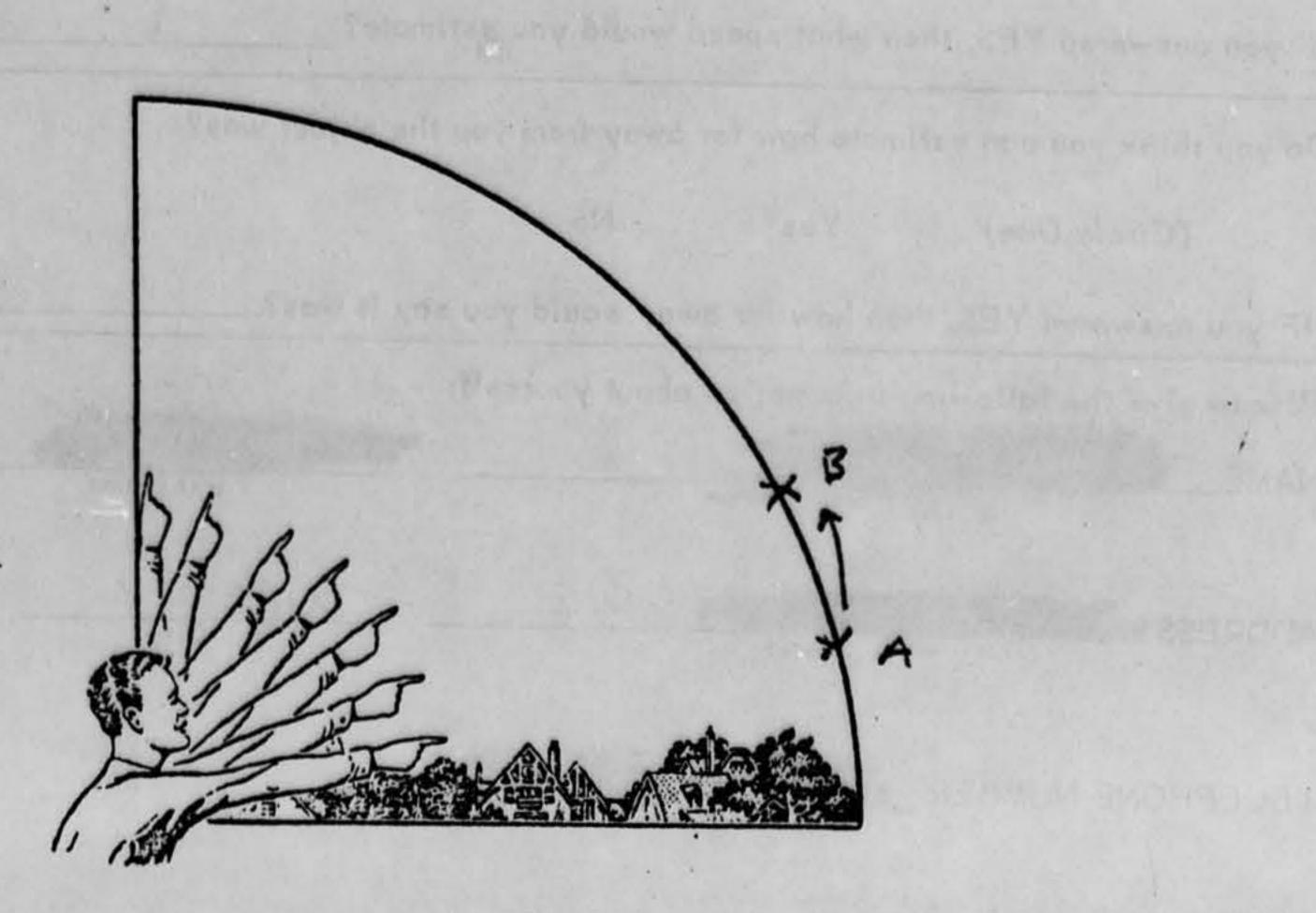
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39.	Do you think you can estimate the speed of the object?
	(Circle One) Yes No
	IF you answered YES, then what speed would you estimate?
40.	Do you think you can estimate how far away from you the object was? (Circle One) Yes No IF you answered YES, then how far away would you say it was?
41.	Please give the following information about yourself:
	NAME
	ADDRESS LANE WEBSTER N.Y. Street State
	TELEPHONE NUMBER
	Age Sex
	Indicate any additional information about yourself, including any education, which might be pertinent.
42.	Date you completed this questionnaire: Day Month Year

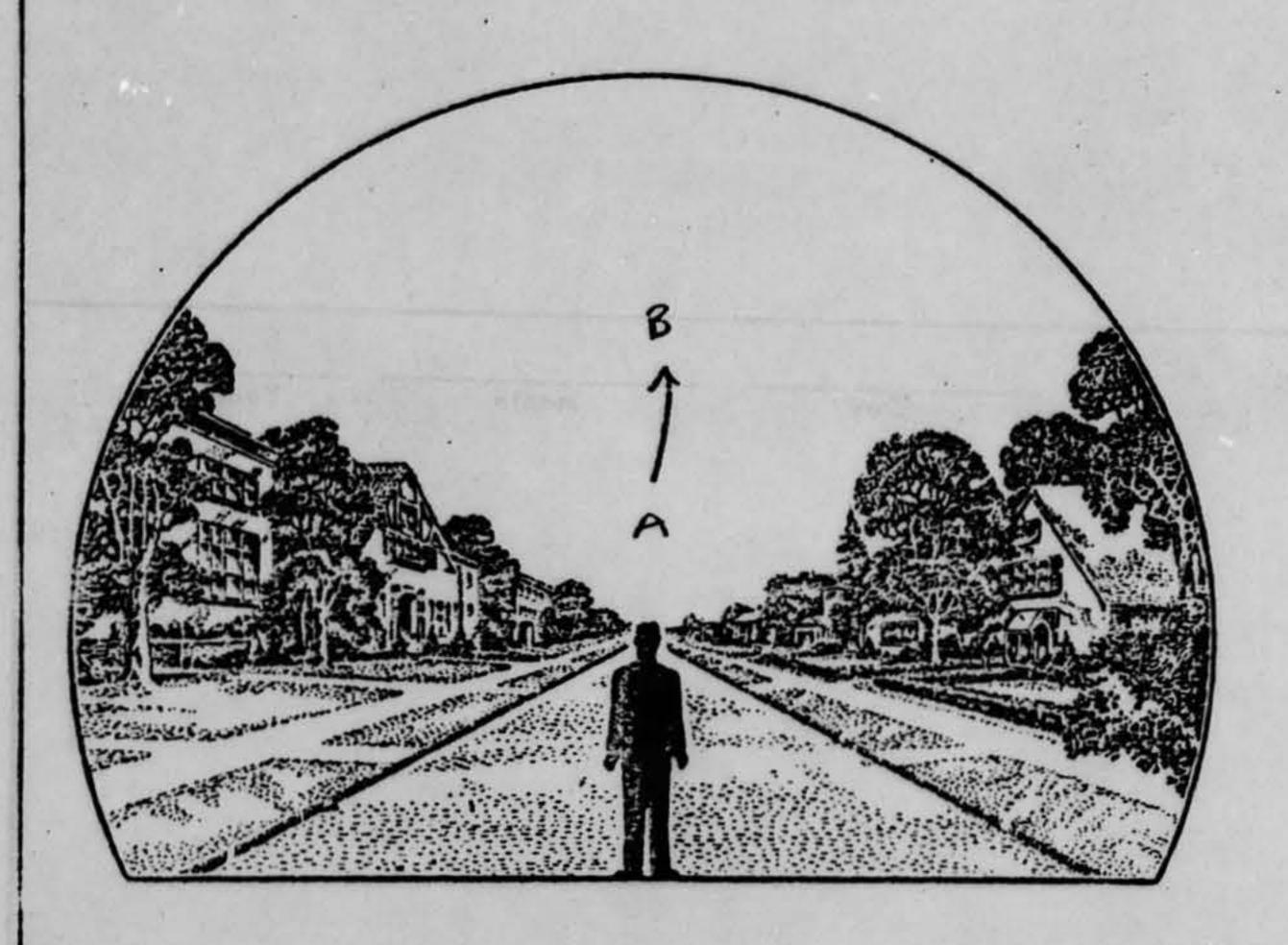
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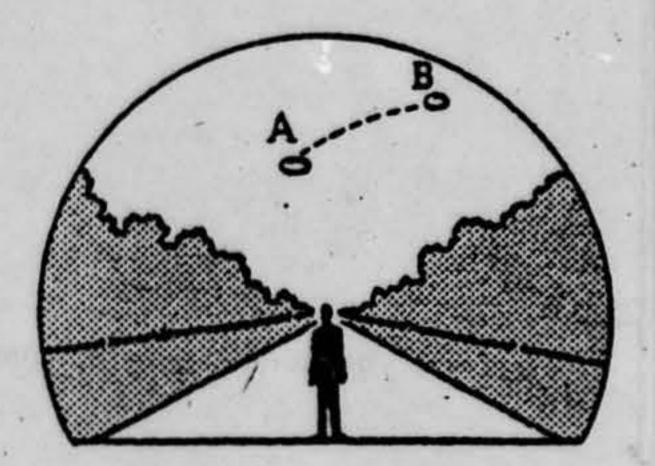
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32. In the following sketch, imagine that you are at the point shown. Place an "A" on the curved line to show how high the object was above the horizon (skyline) when you first saw it. Place a "B" on the same curved line to show how high the object was above the horizon (skyline) when you last saw it.



33. In the following larger sketch place an "A" at the position the object was when you first saw it, and a "B" at its position when you last saw it. Refer to smaller sketch as an example of how to complete the larger sketch.





AERONAUTICAL SYSTEMS DIVISION

WRIGHT-PATTERSON AIR FORCE BASE, OHIO

PHYSICS

LABORATORY

Operation Midwing

REPORT NR: ASRCP 62-4

DATE: 7 February 1962

PROJECT NR: 6771

TYPE EVALUATION:

Per a marine and a second

SPEC NR

SPEC NA:

. Capt. Gearhart

ITEM SERIAL NR:

I. PURPOSE -

To determine the composition of the sample submitted for analysis and its origin if possible.

II. FACTUAL DATA

- 1. The sample submitted for analysis was assigned Materials Physics serial number 9237.
- 2. Microscopic examination showed the presence of finely divided metal-like particles.
- 3. Analysis of different pertions of the sample by emission spectroscopic methods showed the presence of the following elements:

a. Principal

aluminum

b. Minors

magnesium, calcium, silicon.

c. Traces

manganese, lead, copper, and titanium;

- 4. Analysis by X-ray methods showed the presence of Al203.3H20. This material has a bayerite crystalline structure.
- 5. Analysis by mass spectrometric methods using a double focus MattauchHerzog mass spectrometer showed that the metal-like particles were
 high purity aluminum.
- 6. Analysis of different portions of the sample by infrared spectrophotometric methods showed that the organic material was composed of polyisobutyl methacrylate.

THIS REPORT IS NOT TO BE USED IN WHOLE OR IN PART FOR ADVERTISING OR SALES PROMOTION PURPOSES

ASD FORM 64

REPLACES WADD FORM 64 WHICH IS OBSOLETE

AR-WP-B-JUL 67 SM

ARTIFACT# 341-15-479 LOCATED IN ARTIFACT ROOM

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- 7. Analysis of different portions of the sample by chemical methods did not show the presence of nitrates or perchlorates in the sample.
- 3. Chemical analysis of two samples, a mineral-like material and an organic material found in the vicinity showed them to be:
 - a. Slag. This material is commonly found around iron foundries.
 - b. Polyethylene.

III. CONCLUSIONS

- 1. The sample is non-homogeneous.
- 2. Chemical analysis of the sample submitted showed it to be man made because
 - a. Finely divided, high purity aluminum does not occur in nature.
 - b. Polyisobutyl methacrylate is a commercially available chemical compound.
- 3. The sample is not a sour batch of resin based paint because paint manufacturers
 - a. Add components to restore the desired formulation of a particular resin paint, or
 - b. Sell the one batch of paint at cost as a "closing out of stock" sale.
- 4. The Al₂O₃·3H₂O, bayerite structure, formed in place. Bayerite does not occur in nature but results from the reaction of water with finely divided aluminum of high purity at low temperature, about 40°C. ("Aluminum Properties," ALCOA Research Lab. 1960 AD No. 250599.)
- 5. Analysis of different organic portions showed the presence of polyisobutyl methacrylate throughout.
- 6. The possible origin cannot be determined from these chemical data.

IV. RECOMMENDATIONS

Mone, data merely submitted.

PREPARED BY:

W. J. CRAWFORD . ASRCPA

PUBLICATION REVIEW

This report has been reviewed and approved.

DISTRIBUTION:

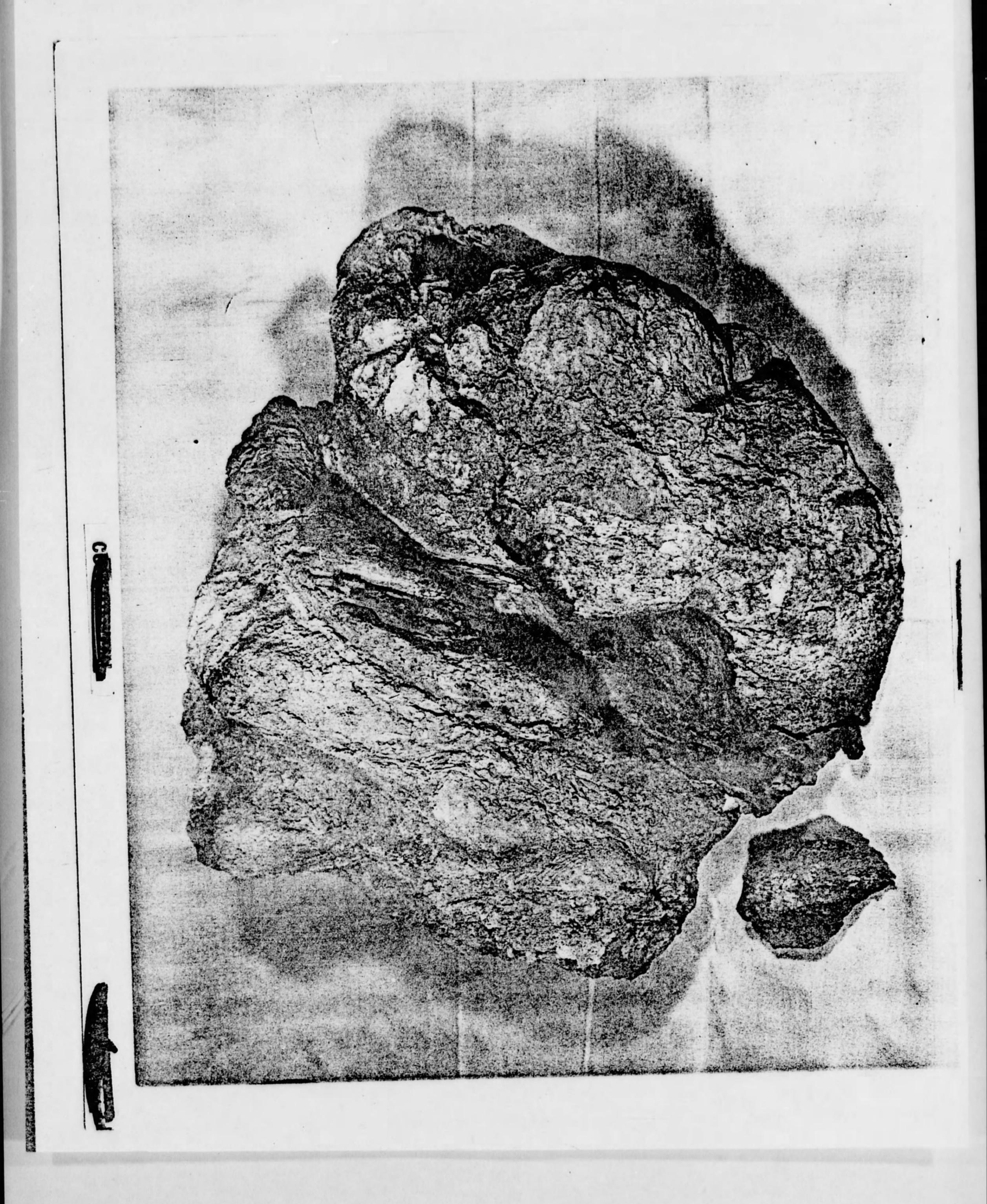
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S. F. BROKESHOULDER, Capt, USAF Asst Chief, Analytical Branch Physics Laboratory Dir of Materials & Processes

NCTICES

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Film
Sept.1,1961
SANDUSKY, Dhid
Observer:
File # 1003591
In custody OF Audio-visual division

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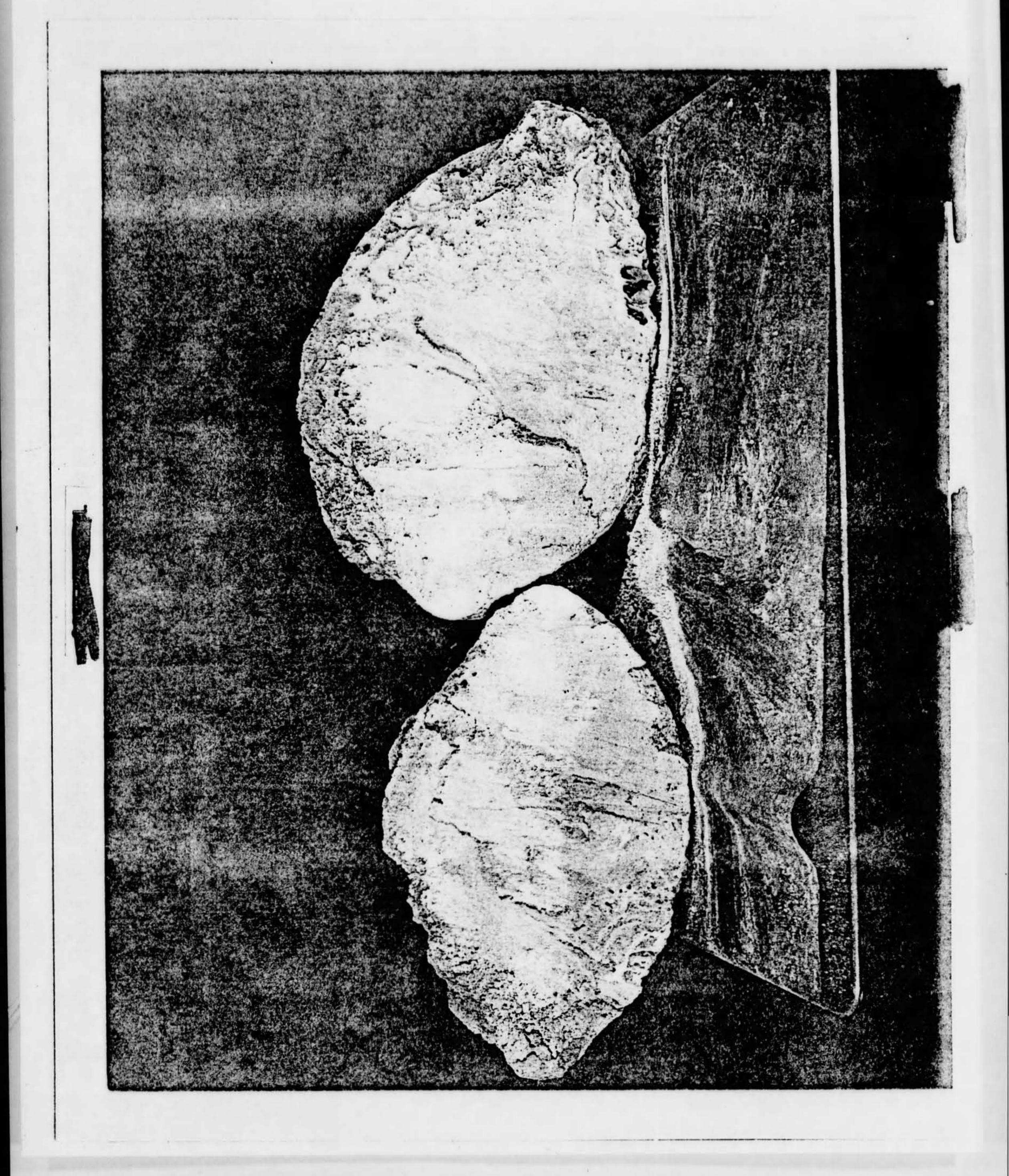
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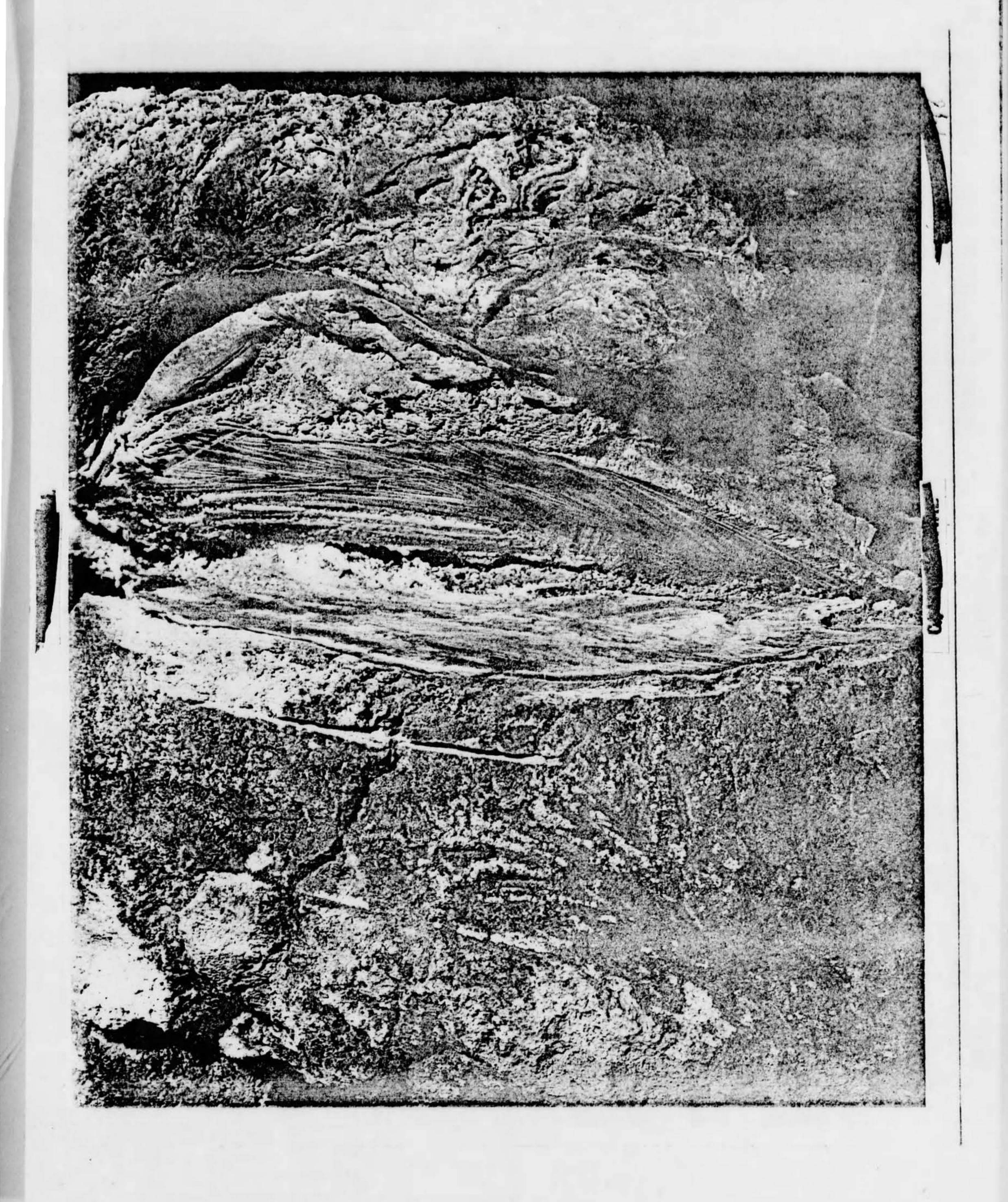
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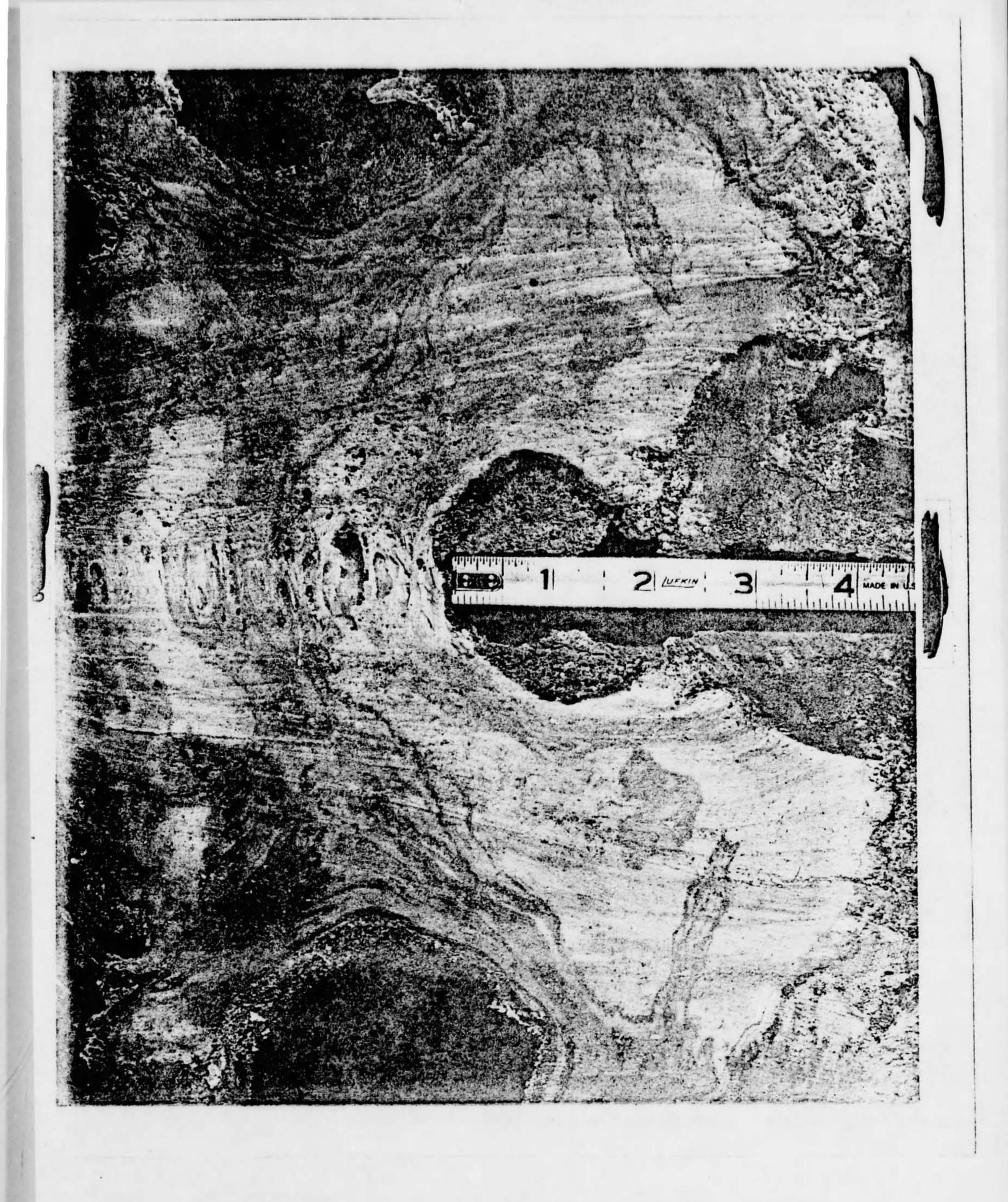
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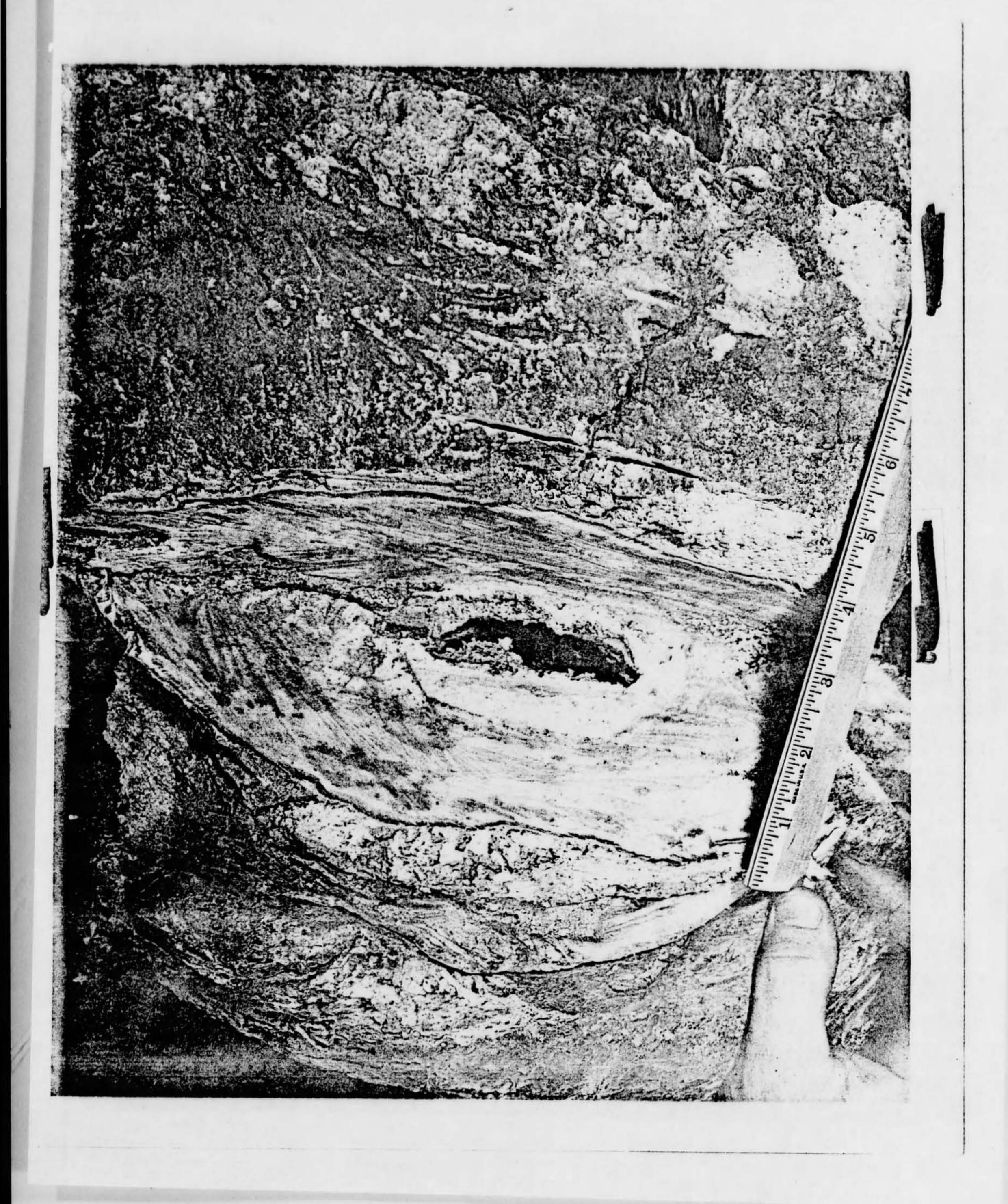
SUCCESSION FROM













CONNORSVILLE, INDIANA Sep 61

case includes seven (7) 8'x10" photos and

one (1) physical specimen (see separate folder)

Webster, n. y. Some telephone engineer at Stromberg-Carleon, Rockester, ny. sighted object on Ohis Tumpike near Sandusky. Right after sunsel - about 7:20 EST abject going Wto SW, upward elevation() Started descent in SW and started to burn. Burned from 2-5 minutes. must stopped and took some 35 mm color sliles. Coell from: Capt R. B. Orr Splind assistant for Ballistic Rochester APB, N. Y.
telephone Ext

SANDUSKY, Oh10
1 Sep 61
case includes 35 mm film

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District the Contract of the C

Wetster, n.y. September 20, 1961

Foreign Technology Division Wright - Patterson 4FB, Ohio attn: TDE mujon Friend

Dear Sir:

Enclosed is the 35 mm film showing the object sighted on September 1, 1961 near Sandwely, Ohio. The exposures are poor so I will juy to locate the object in the different frames by the sketches below. - I FRAME - TO THE FRAME 200 ET DE A CORDADO OBJECT - 1

/ CBJECT COBTELT

KOBAS S. FUTY FI- 11

HEADLIGHTS OF CALLS ON TURNETE

EDDACHROME FILM LLE

I was using un argue 6.3 camera. The only lens and shotter setting I remember is for frame #5 which was 5/3.5 at 1/10 sec. If I can firmish any other information I will be happy to do so. Very sincely,

U.S. AIR FORCE TECHNICAL INFORMATION SHEET

This questionnaire has been prepared so that you can give the U.S. Air Force as much information as possible concerning the unidentified aerial phenomenon that you have observed. Please try to answer as many questions as you possibly can. The information that you give will be used for research purposes, and will be regarded as confidential material. Your name will not be used in connection with any statements, conclusions, or publications without your permission. We request this personal information so that, if it is deemed necessary, we may contact you for further details.

1. When did you see the object? SEPT 61 Bay Month Year	2. Time of day: 1920 - 1921 Minutes (Circle One): A.M. or P.M.
3. Time Zone: (Circle One): (a. Eastern b. Central c. Mountain d. Pacific e. Other	(Circle One): a. Daylight Saving b. Standard
4. Where were you when you saw the object? Nearest Postal Address Additional remarks:	State or Country
5. How long was object in sight? Hours 5.1 How was time in sight determined?	Minutes Seconds
	. Not very sure d. Just a guess
6. What was the condition of the sky? DAY a. Bright b. Cloudy	NIGHT TWI-GIGHT. La. Bright b. Cloudy
7. IF you saw the object during DAYLIGHT, where was (Circle One): a. In front of you b. In back of you c. To your right	d. To your left e. Overhead f. Don't remember

	8.	IF you saw the object at NIGHT, what did you notice con	ncerning the	STARS and MOON?	
			MOON (Circ		
		o. None	a. Bright	moonlight	
		b. A few	b. Dull m	IV	
		c. Many		onlight — pitch dark	
		d. Don't remember	d. Don't		
	9.	The object appeared:	o Letter vice the		
		(Circle One): La. As a light b. Shiny	e. Dark	d. Don't remember	
	10.	If it appeared as a light, was it brighter than the brighter	st:stars?	Secured whe are	
540 140		As BRIGHT	AS	VENUS -	
	11.	Did the object:	(Circle One for each o	question)
		a. Appear to stand still at any time?	Yes	No.	Don't Know
		b. Suddenly speed up and rush away at any time?	Yes	No	Don't Know
		c. Break up into parts or explode?	Yes	. No	Don't Know
		d. Give off smoke?	Yes	No	Don't Know
		e. Change brightness?	Yes	No	Don't Know
		f. Change shape?	Yes		Don't Know
		g. Flash or flicker?	Yes		Don't Know
		h. Disappear and reappear?	Yes	No	Don't Know
1	2.	Did the object move behind something at any time, partic	cularly a cla	ud?	
		(Circle One): Yes No Don't Kno it moved behind:	w.	IF you answered Y	ES, then tell what
1	3.	Did the object move in front of something at any time, po	articularly a	cloud?	
		(Circle One): Yes No Don't Known in front of:	w.	IF you answered Y	ES, then tell what
1	4.	Did the object appear: (Circle One): a. Solid	b. Transp	arent c. Vapor	d. Don't Know
,	E	Did you observe the object through any of the following?			
4	5.				
	Э.	a. Eyeglasses Yes No e.	Binocular	. Yes	No
	Э.		Binocular		No .
	Э.	b. Sun glasses Yes No f.	Binocular Telescope Theodolit	Yes	No No No

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THE RESERVE	the following things abo	out the object.	Comment of the part of the second sec	
b. Color Bui	DICING LIGHT -	(RED-WHOTE)	TRAIL - RED	- ORANGE
of the object that		rotrusions, etc., and esp	ecially exhaust trails or vapous moving.	
	4°5/			
	3			
18. The edges of t	a. Fuzzy or blurred b. Like a bright star c. Sharply outlined d. Don't remember		her	
Draw a picture of		and put an arrow to show	the direction that they were	
	to della sensette con per de			