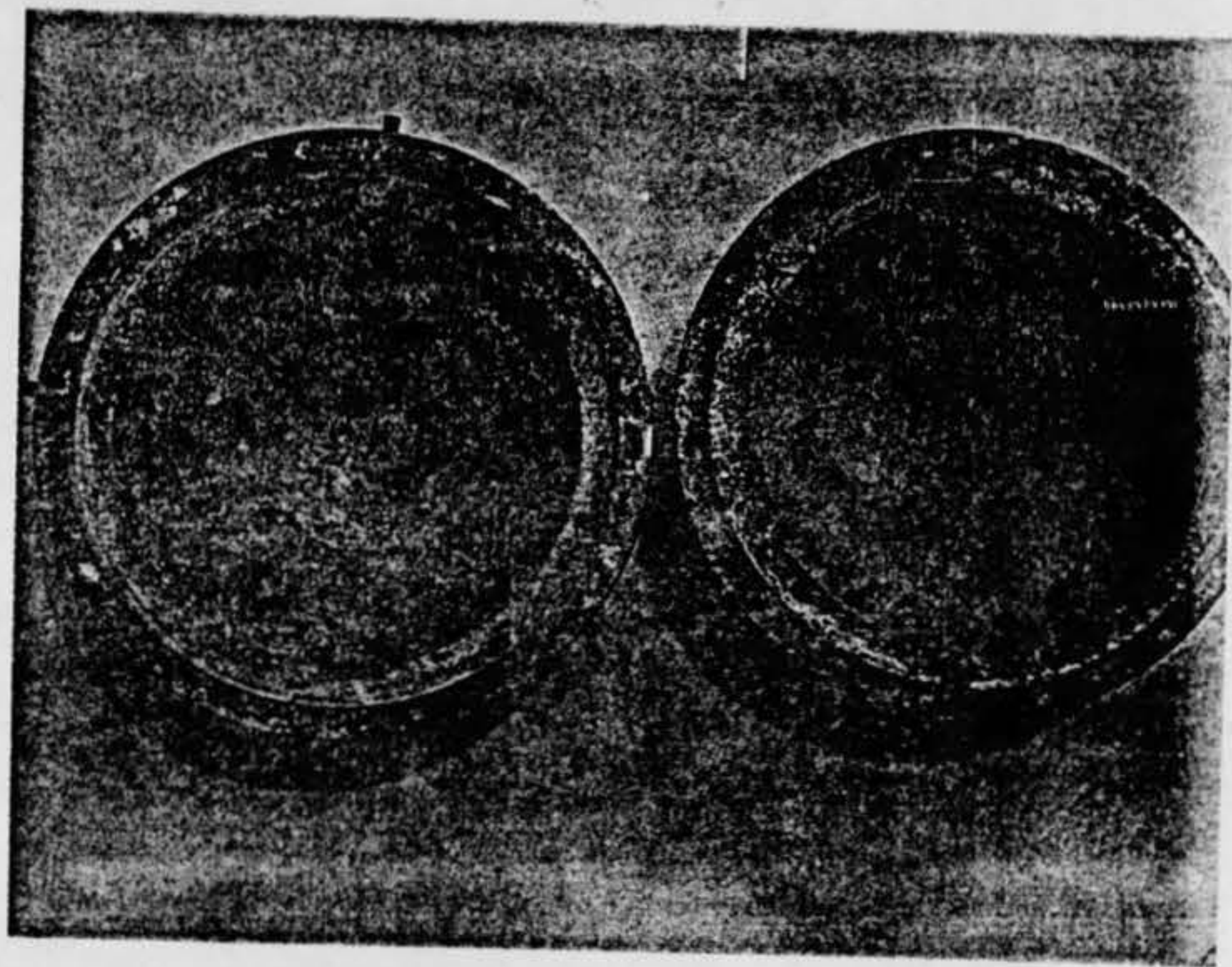
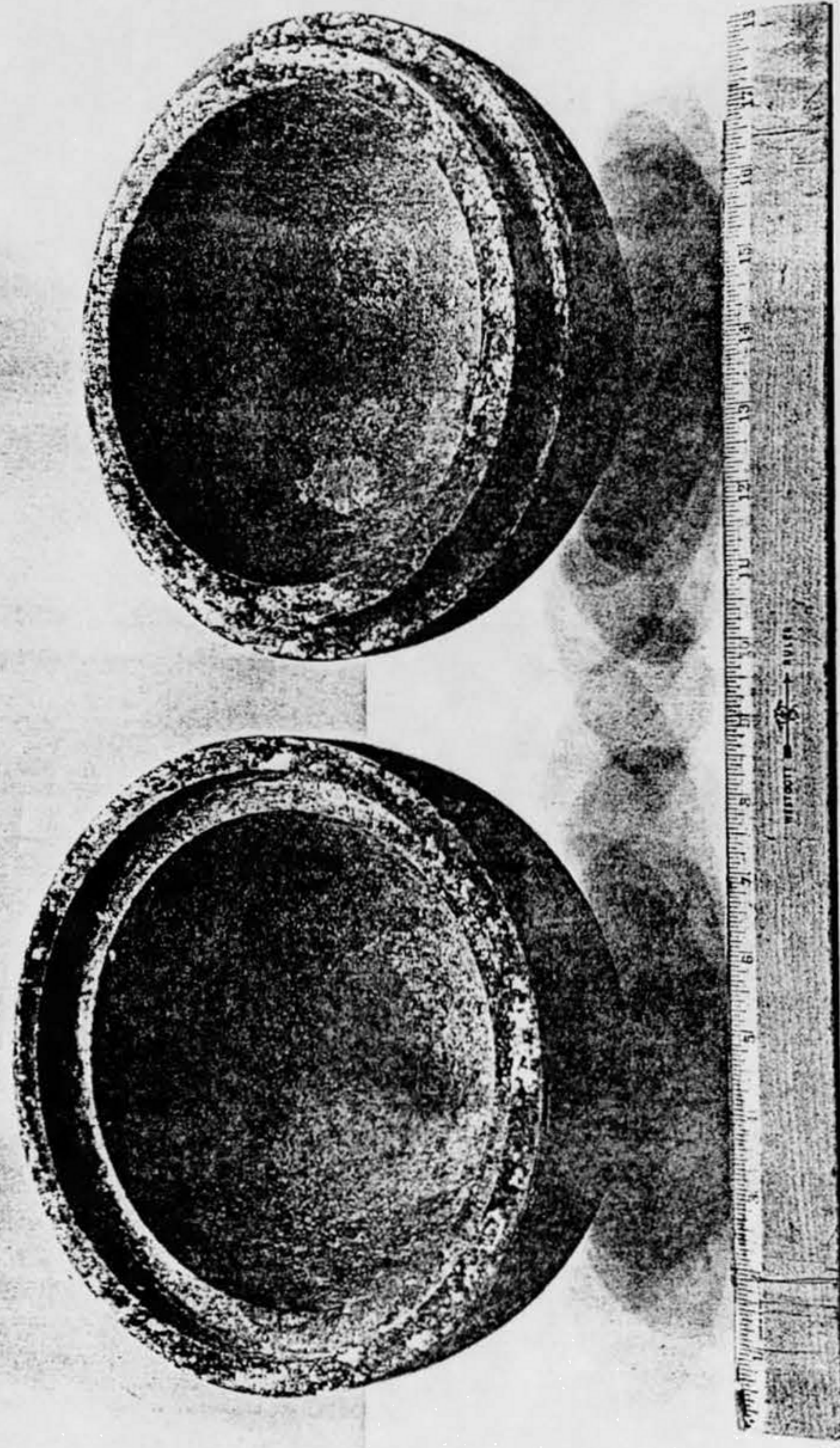


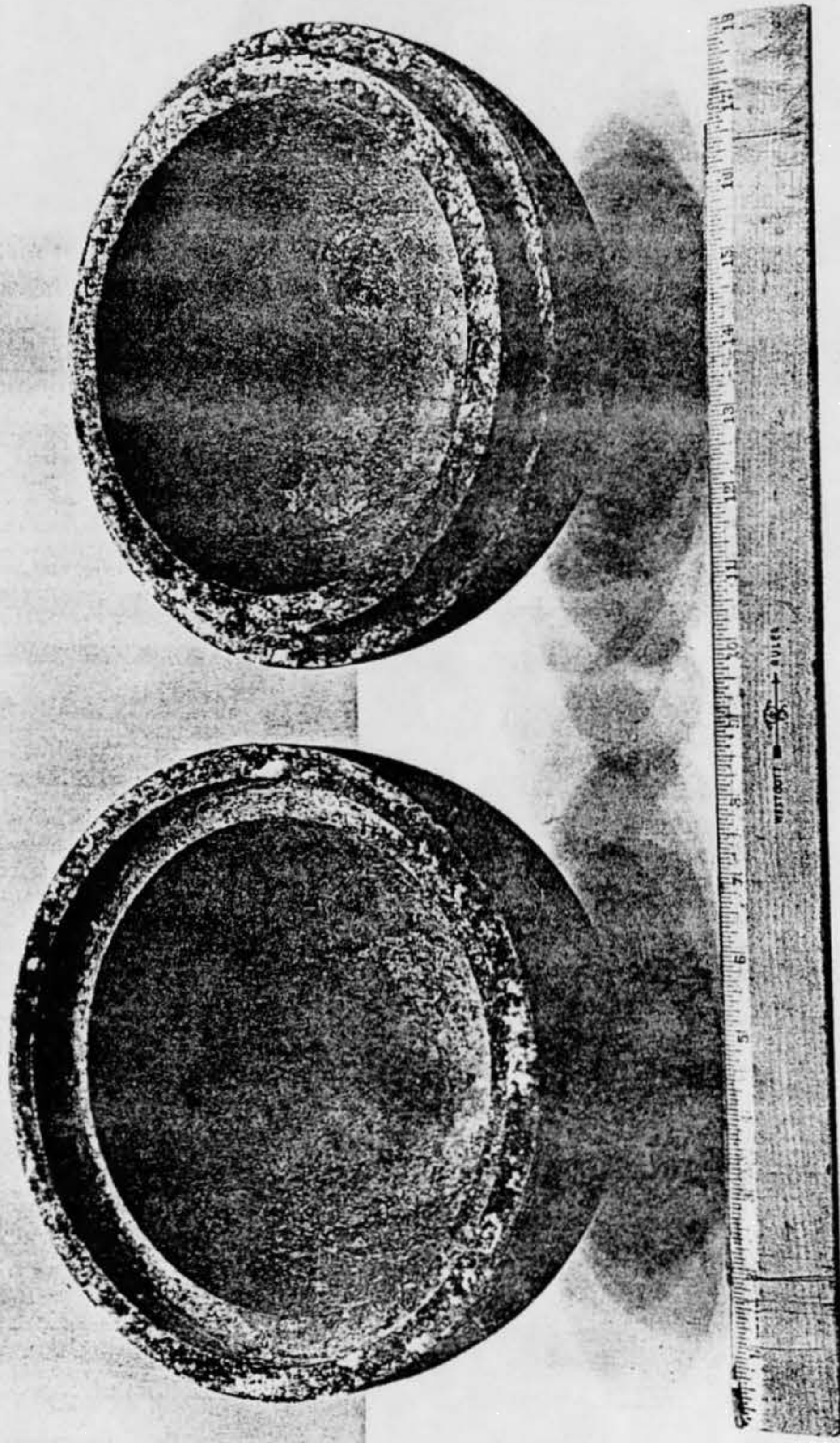
1. DATE - TIME GROUP 6 February 65	2. LOCATION Liberty, Ohio
3. SOURCE Civilian	10. CONCLUSION METAL BALL
4. NUMBER OF OBJECTS N/A	
5. LENGTH OF OBSERVATION N/A	11. BRIEF SUMMARY AND ANALYSIS Metallic sphere submitted for analysis. SEE CASE FILE.
6. TYPE OF OBSERVATION N/A	COMMENTS: Object turned over to ASD for analysis and determination of source and/or use. Object determined to be steel alloy sphere of US origin with three possible uses included in analysis report. Ball returned to owner. (26 March 1965).
7. COURSE N/A	
8. PHOTOS ☐ Yes ☒ No	
9. PHYSICAL EVIDENCE ☐ Yes ☒ No	

FORM
FTD SEP 63 0-329 (TDE) Previous editions of this form may be used.

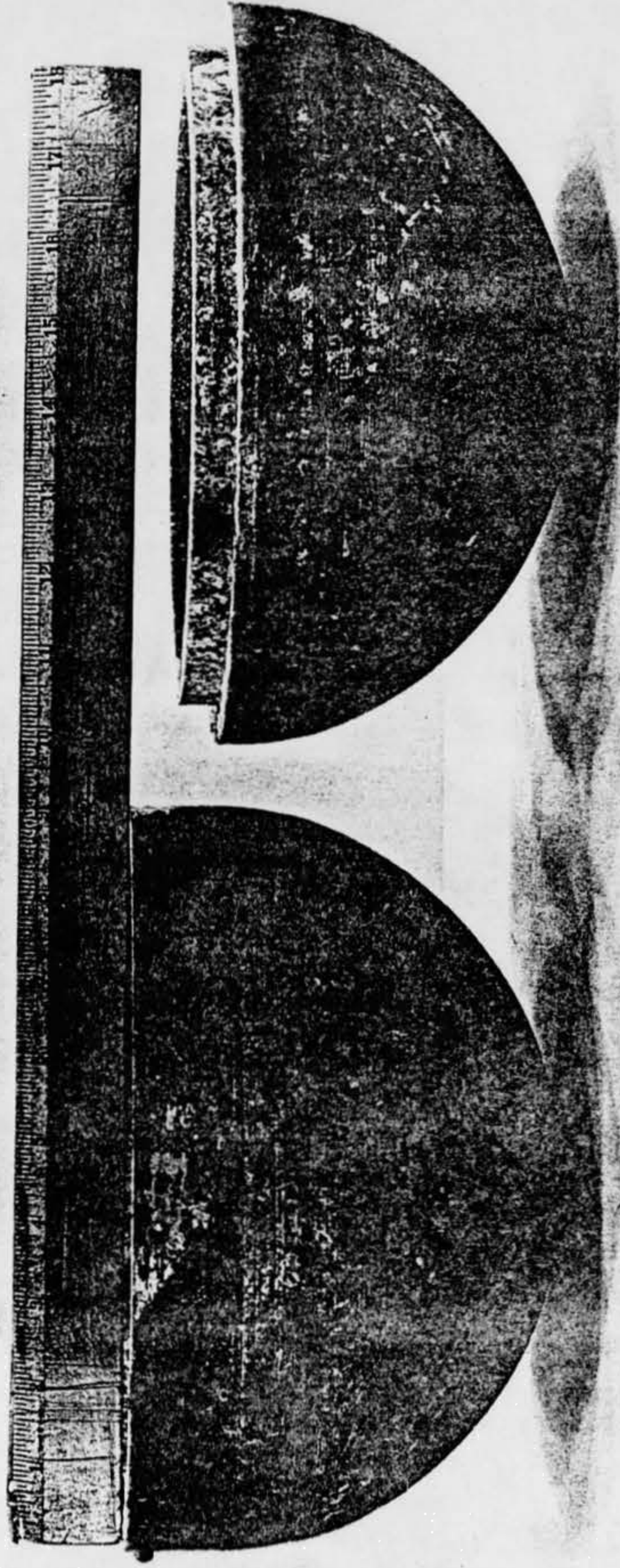


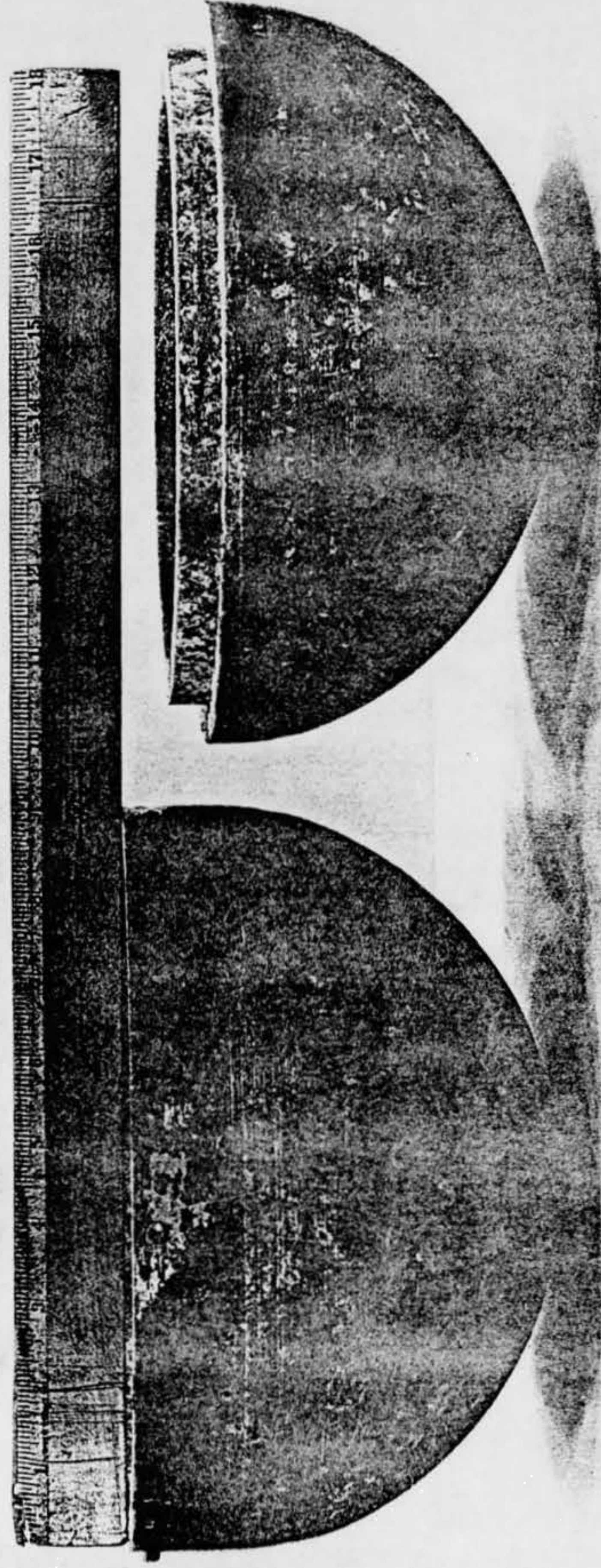






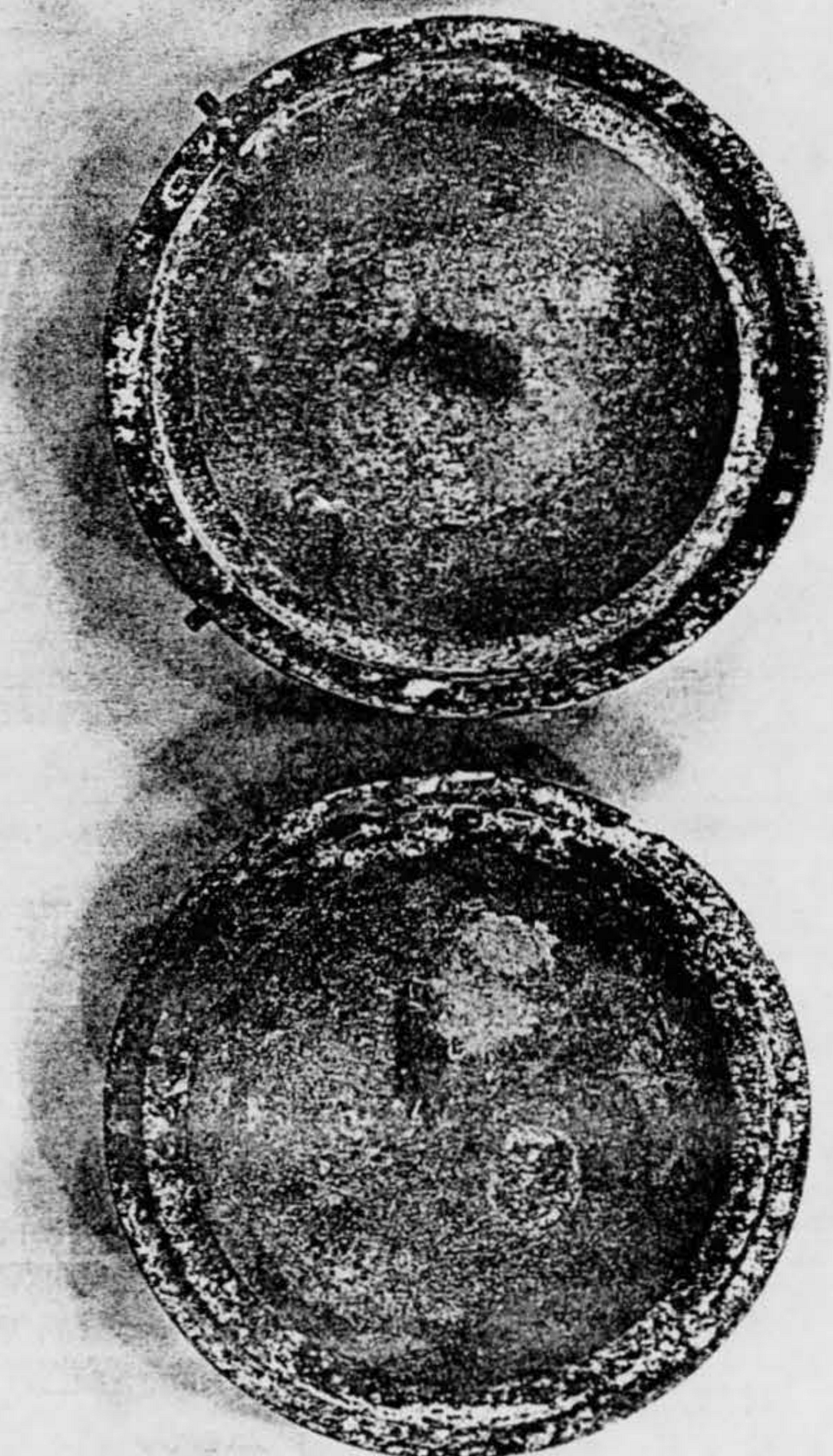
UNCLASSIFIED







1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 100



1. 2. 3. 4. 5. 6. 7. 8. 9. 10. 11. 12. 13. 14. 15. 16. 17. 18. 19. 20. 21. 22. 23. 24. 25. 26. 27. 28. 29. 30. 31. 32. 33. 34. 35. 36. 37. 38. 39. 40. 41. 42. 43. 44. 45. 46. 47. 48. 49. 50. 51. 52. 53. 54. 55. 56. 57. 58. 59. 60. 61. 62. 63. 64. 65. 66. 67. 68. 69. 70. 71. 72. 73. 74. 75. 76. 77. 78. 79. 80. 81. 82. 83. 84. 85. 86. 87. 88. 89. 90. 91. 92. 93. 94. 95. 96. 97. 98. 99. 100.

FTD (TDEW)
Wright-Patterson AFB, Ohio 45433
29 Mar 65

Mr. [REDACTED]
[REDACTED] Road
Dayton, Ohio

Dear Sir,

The sphere that was submitted to the Air Force at Wright-Patterson AFB, Ohio was tested at the Air Force Materials Laboratory. A copy of their report is attached. While no specific identification of the object was made, tests conducted, confirmed that the object was of American origin and did not exhibit evidence of space residence. The sphere is being returned to you under separate cover.

We appreciate your patriotic duty as an American citizen in submitting this object to the Air Force for analysis.

Sincerely,


HECTOR QUINTANILLA, JR.
Major, USAF
Chief, Project Blue Book

*mp: received last Apr. It is not Dayton
but New Lebanon*

| | | | | | | | |
|---|--------------------|-----------------------------------|----|--|-------------------|---|-----------|
| PHOTO SERVICE REQUEST | | | | | | TDDPP WORK ORDER NO.
2-88 | |
| TO: TDDPP | | DATE
9 Feb 65 | | PROJECT NO.
A68001 | | TASK NO. | |
| INITIATOR
Sgt Jones | | EXP. DATE COMPLETION
10 Feb 65 | | COMPLETED DATE | | QUALITY CONTROL | |
| ORGN CODE
TDE | EXT: | CLASSIFICATION
Unclas | | TAB: | | | |
| DESCRIPTION OF SERVICES (Include purpose of request, time and place of requirement, and other pertinent information). | | | | | | | |
| PHOTOGRAPHIC SPECIFICATIONS | | | | | | | |
| ☒ XXX | Copy | 4x5 | By | ☒ XX | Projection Prints | 8x10 | By |
| | Duplicate Negative | | By | | Continuous Prints | | By |
| | Duplicate Positive | | By | | Other | | By |
| | Develop | | By | ☒ XX | Gloss | ☒ XX | Single Wt |
| | Contact Prints | | By | | Matte | | Double Wt |
| No. of Copies Four (4) EA | | | | | | | |
| MATERIAL FURNISHED: | | | | | | | |
| Shoot item from all angles using a ruler for measurement | | | | | | | |
| REMARKS/ADDITIONAL INFORMATION: | | | | | | | |
| | | | | | | | |
| RECEIPT FOR PHOTOGRAPHIC WORK | | | | | | | |
| I certify that I have received _____ originals, _____ negatives and _____ prints, all to be used in the service of the UNITED STATES GOVERNMENT ONLY. | | | | | | | |
| NAME | | | | | | RANK | |
| DATE | | | | | | TDDPP WORK ORDER NO.
2-88 | |

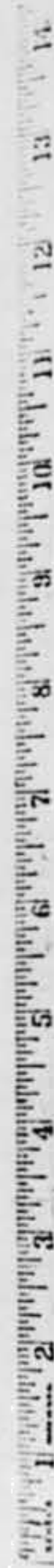
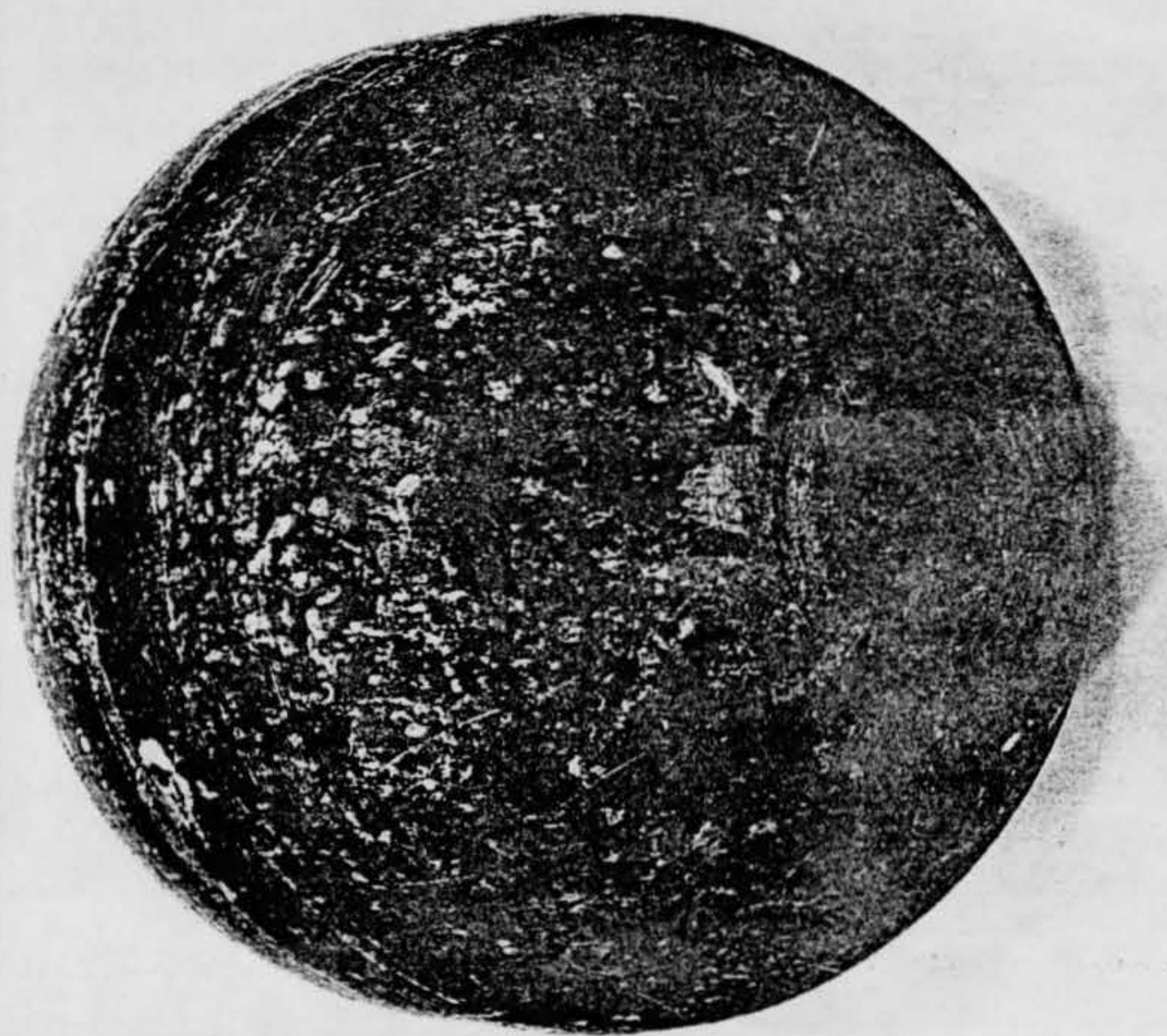
| PHOTO SERVICE REQUEST | | | | | TDDPP WORK ORDER NO.
2-142 | |
|--|--------------------|--------------------------------|------------------|-------------------|---|-----------|
| TO: TDDPP | | DATE
12 Feb 65 | PROJECT NO.
A | | TASK NO. | |
| INITIATOR
Sgt Jones | | EXP. DATE COMPLETION | COMPLETED DATE | | QUALITY CONTROL | |
| ORGN CODE
TDE | EXT: | CLASSIFICATION
Unclassified | TAB: U-25-0 | | | |
| DESCRIPTION OF SERVICES (Include purpose of request, time and place of requirement, and other pertinent information). | | | | | | |
| PHOTOGRAPHIC SPECIFICATIONS | | | | | | |
| | Copy | By | XXX | Projection Prints | 8x10 | By |
| | Duplicate Negative | By | | Continuous Prints | 7 | By |
| | Duplicate Positive | By | | Other | | By |
| | Develop | By | AA | Gloss | XX | Single Wt |
| | Contact Prints | By | | Matte | | Double Wt |
| No. of Copies Four (4) | | | | | | |
| MATERIAL FURNISHED:

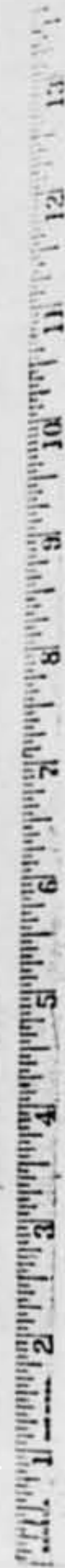
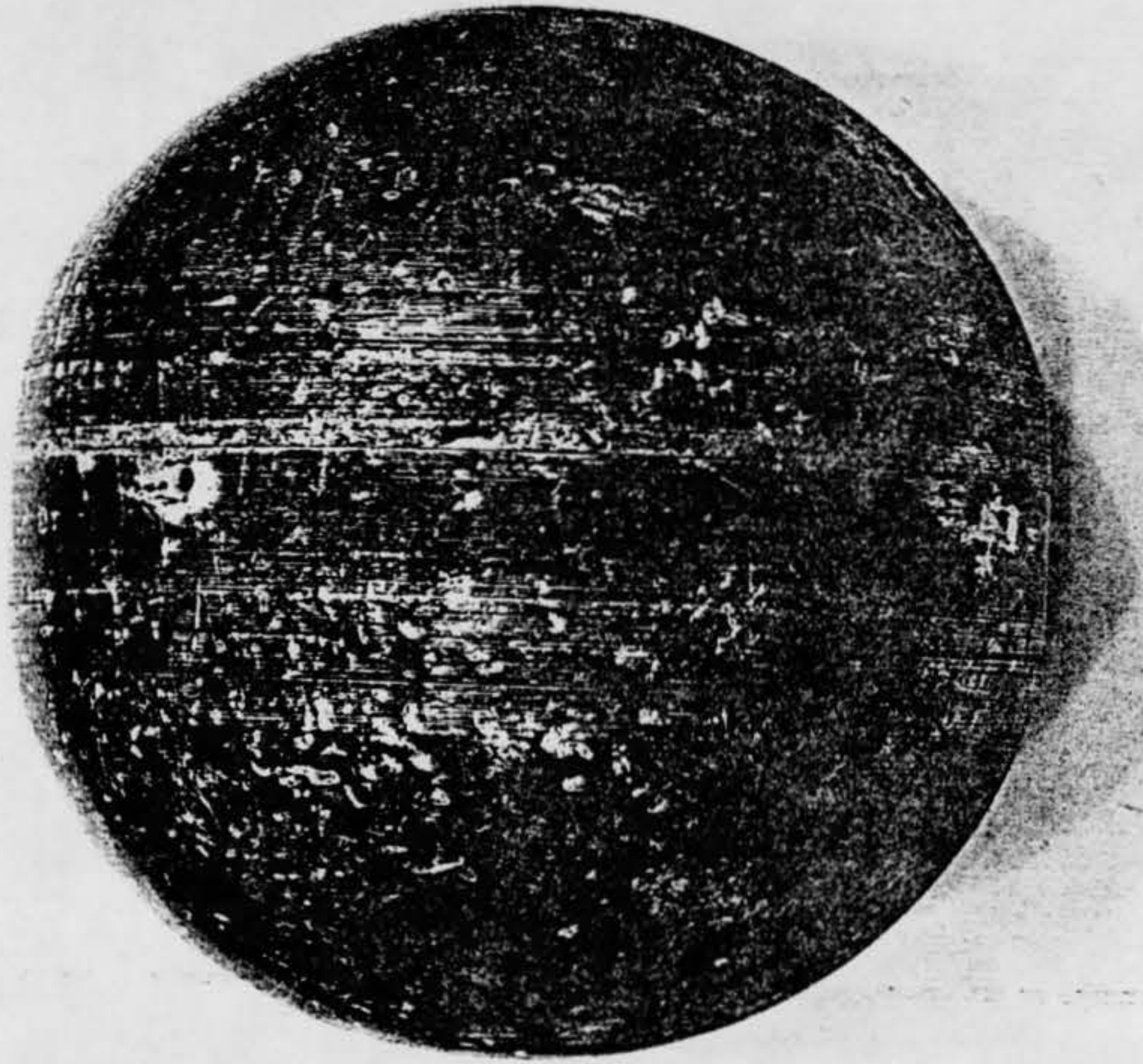
1 unidentified object | | | | | | |
| REMARKS/ADDITIONAL INFORMATION:

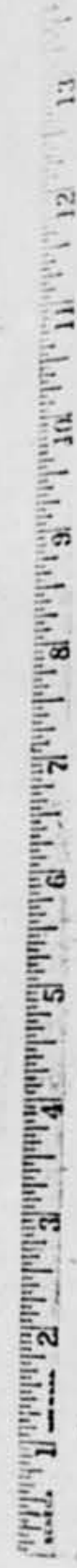
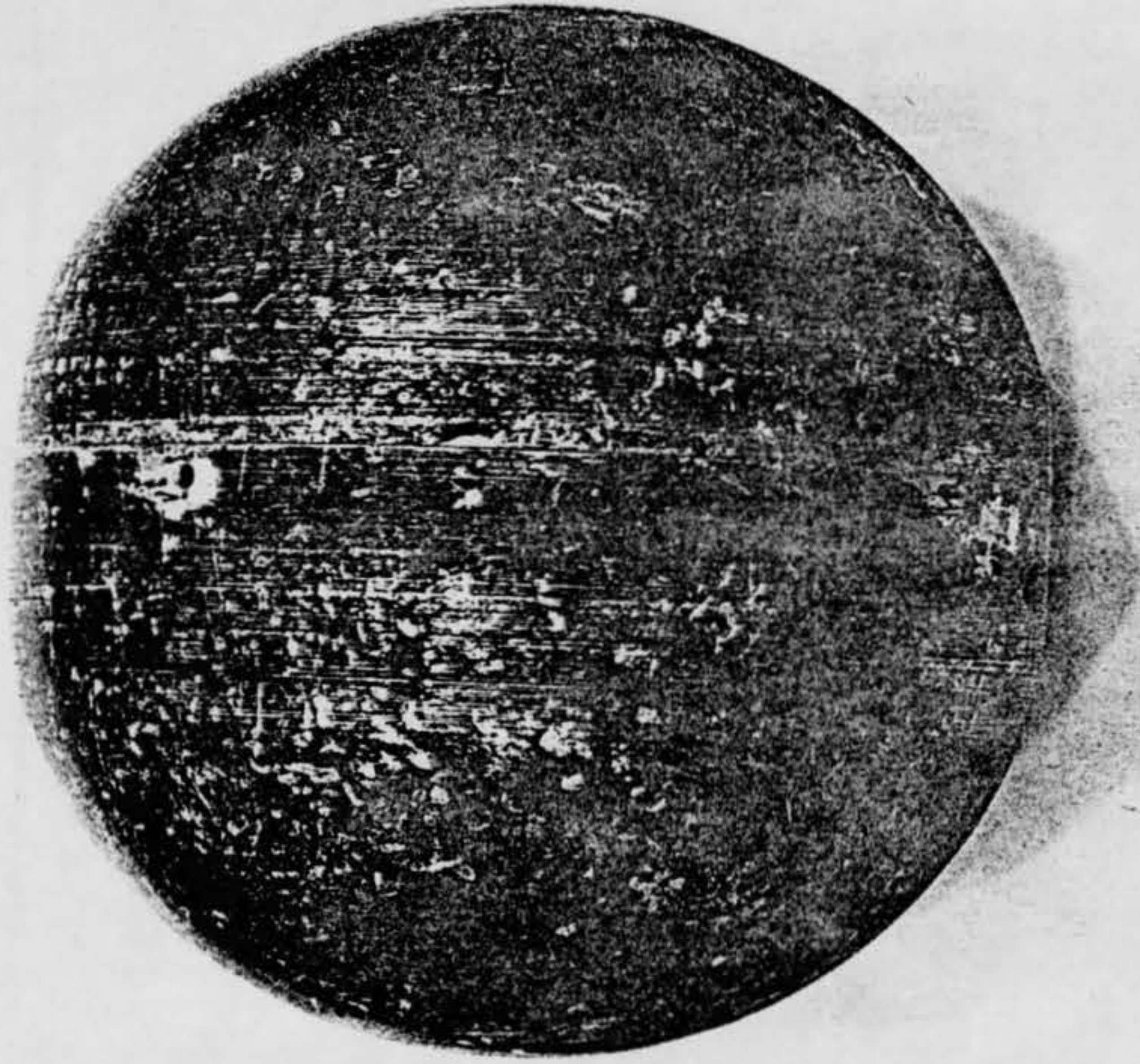
Take shots of inside w/ruler | | | | | | |
| RECEIPT FOR PHOTOGRAPHIC WORK | | | | | | |
| I certify that I have received <u>1</u> originals, _____ negatives and _____ prints, all to be used in the service of the UNITED STATES GOVERNMENT ONLY. | | | | | | |
| NAME _____ RANK _____ DATE _____ | | | | | TDDPP WORK ORDER NO.
2-142 | |

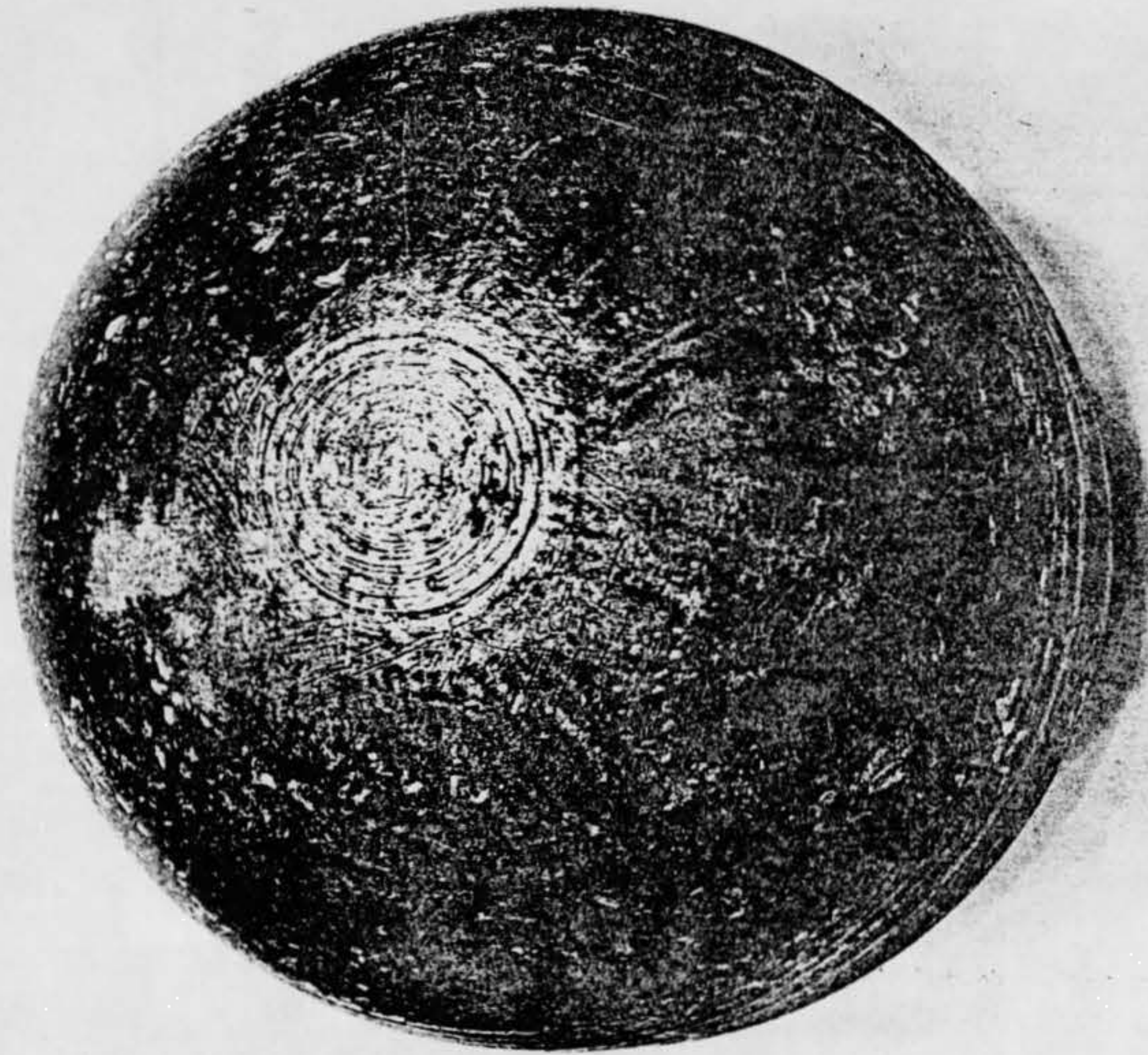
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|--|--------------------|-----------------------------------|--|--------------------------|-------------------|---|-----------|
| PHOTO SERVICE REQUEST | | | | | | TDDPP WORK ORDER NO.
<div style="font-size: 1.5em; font-family: cursive;">2-87</div> | |
| TO: TDDPP | | DATE
9 Feb 65 | | PROJECT NO.
A68001 | | TASK NO. | |
| INITIATOR
Sgt Jones | | EXP. DATE COMPLETION
10 Feb 65 | | COMPLETED DATE | | QUALITY CONTROL | |
| ORGN CODE
TDE | | EXT: | | CLASSIFICATION
UNCLAS | | TAB:
U-25-0 | |
| DESCRIPTION OF SERVICES (Include purpose of request, time and place of requirement, and other pertinent information). | | | | | | | |
| PHOTOGRAPHIC SPECIFICATIONS | | | | | | | |
| | Copy | By | | | Projection Prints | By | |
| | Duplicate Negative | By | | | Continuous Prints | By | |
| | Duplicate Positive | By | | | Other | By | |
| | Develop | By | | XX | Gloss | XX | Single Wt |
| | Contact Prints | By | | | Matte | | Double Wt |
| No. of Copies FOUR (4) E | | | | | | | |
| MATERIAL FURNISHED:

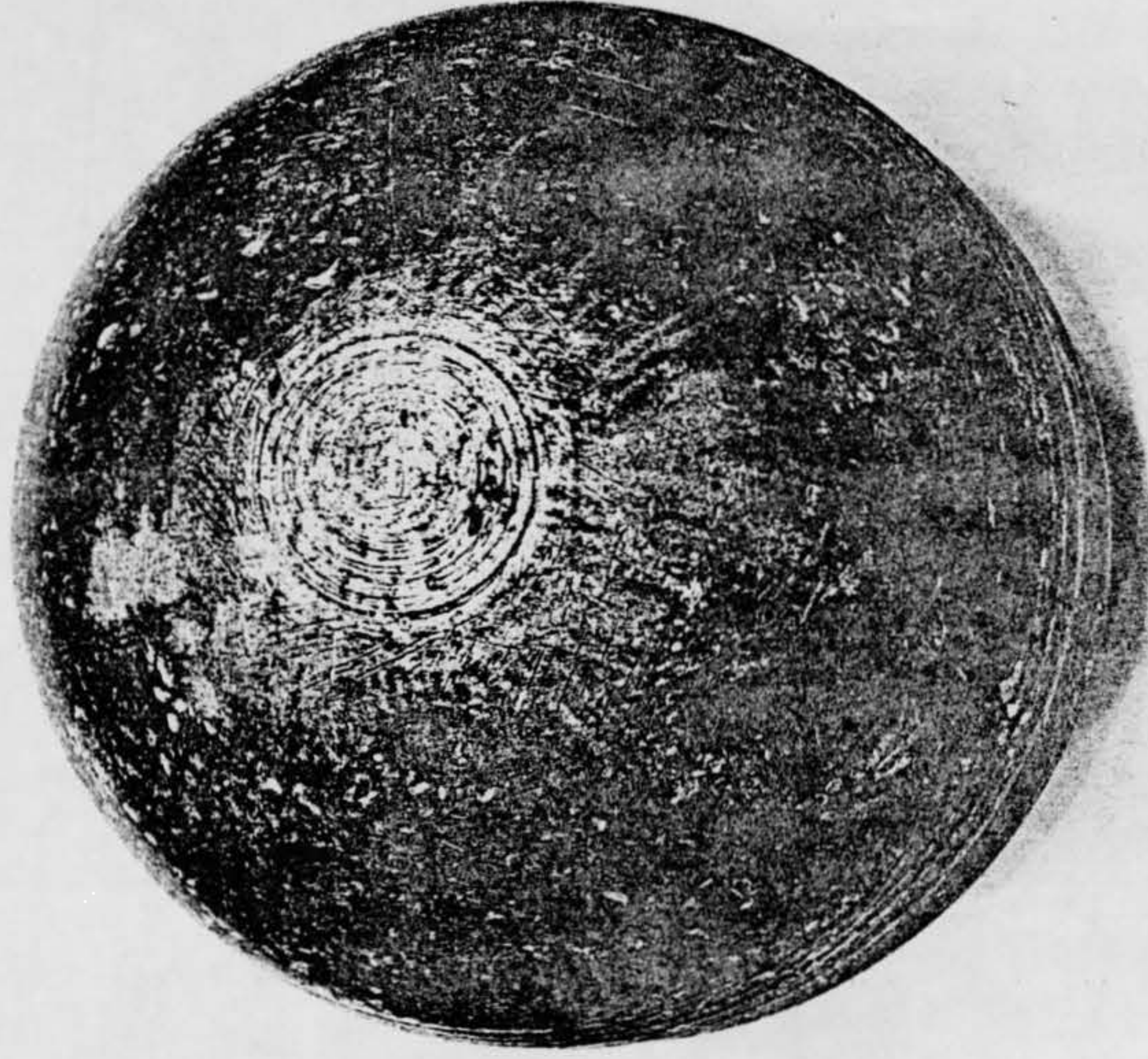
3 X-rays | | | | | | | |
| REMARKS/ADDITIONAL INFORMATION: | | | | | | | |
| | | | | | | | |
| RECEIPT FOR PHOTOGRAPHIC WORK | | | | | | | |
| I certify that I have received <u>3</u> originals, <u>12</u> negatives and <u>12</u> prints, all to be used in the service of the UNITED STATES GOVERNMENT ONLY. | | | | | | | |
| NAME | | | | | | RANK | |
| DATE | | | | | | TDDPP WORK ORDER NO.
<div style="font-size: 1.5em; font-family: cursive;">2-87</div> | |

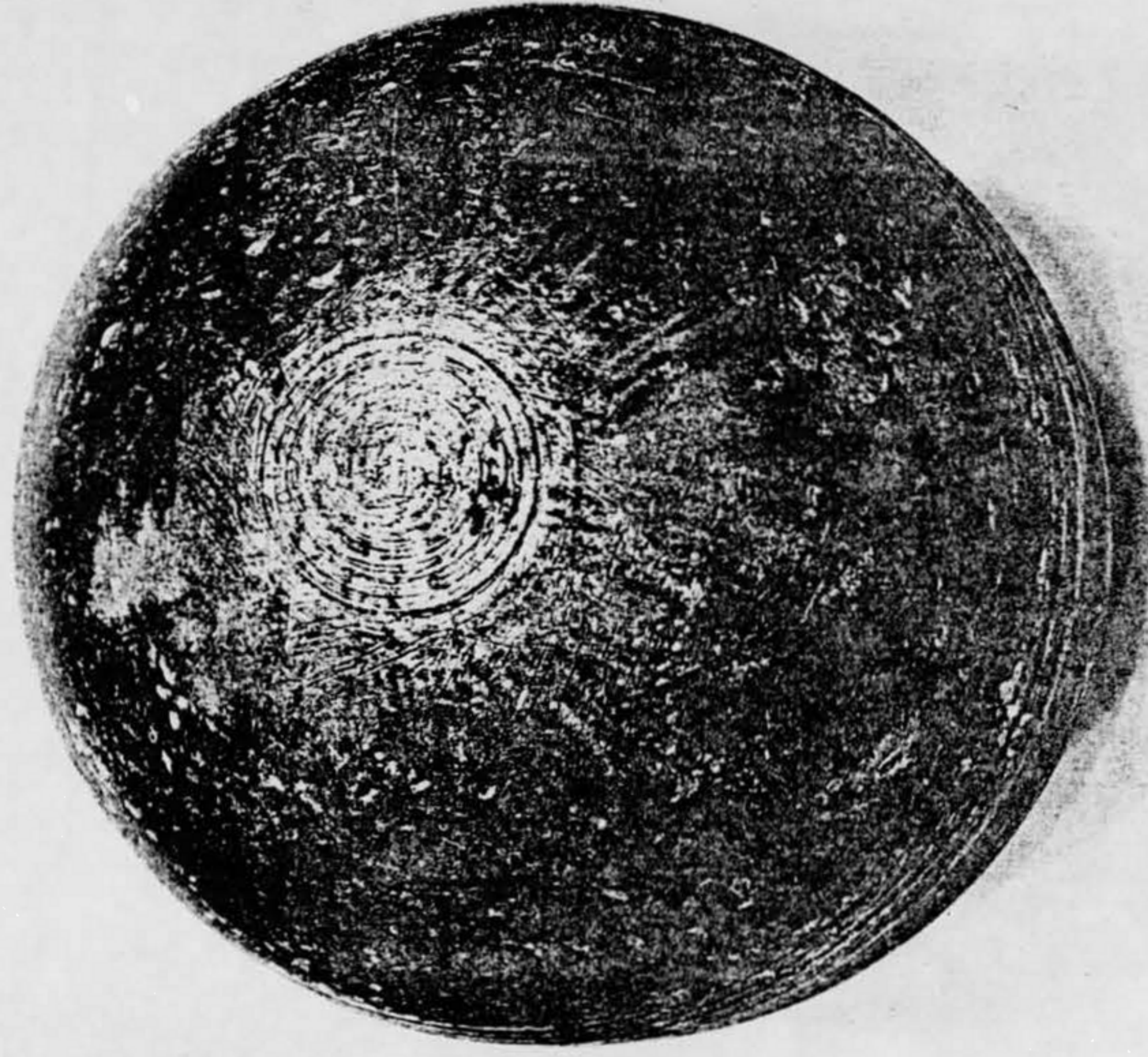


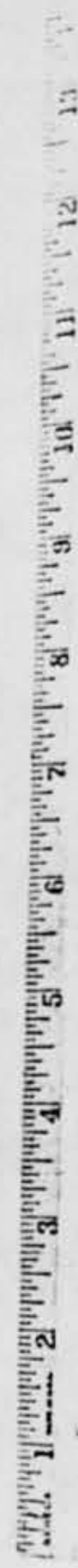
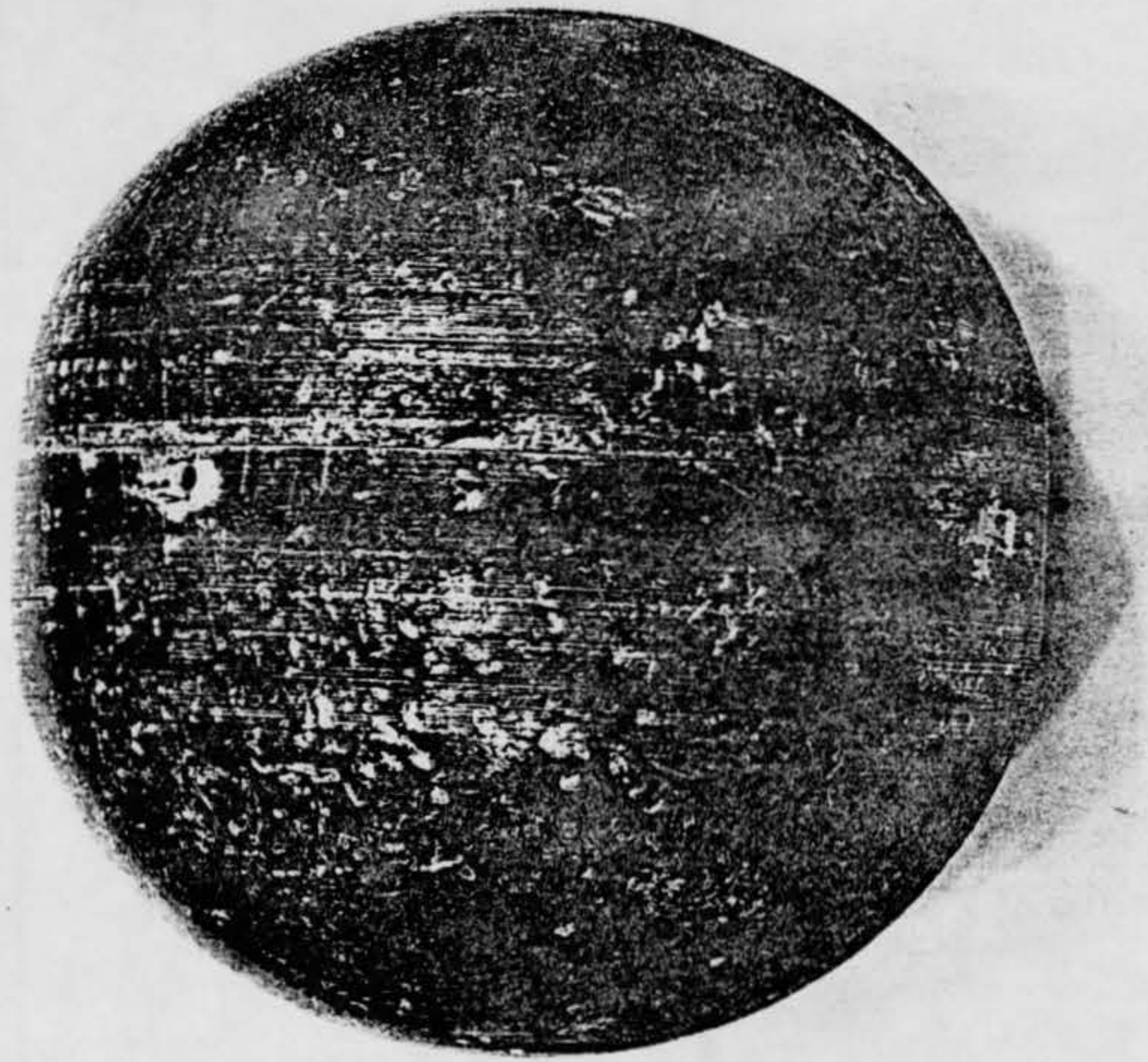












FTD (TDEW)
Wright-Patterson AFB, Ohio 45433
2 April 1965

~~XXXXXXXXXX~~
~~XXXXXXXXXX~~
New Lebanon, Ohio

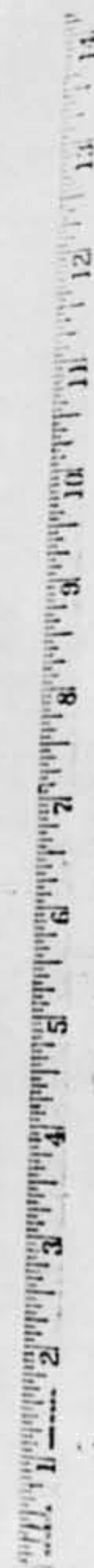
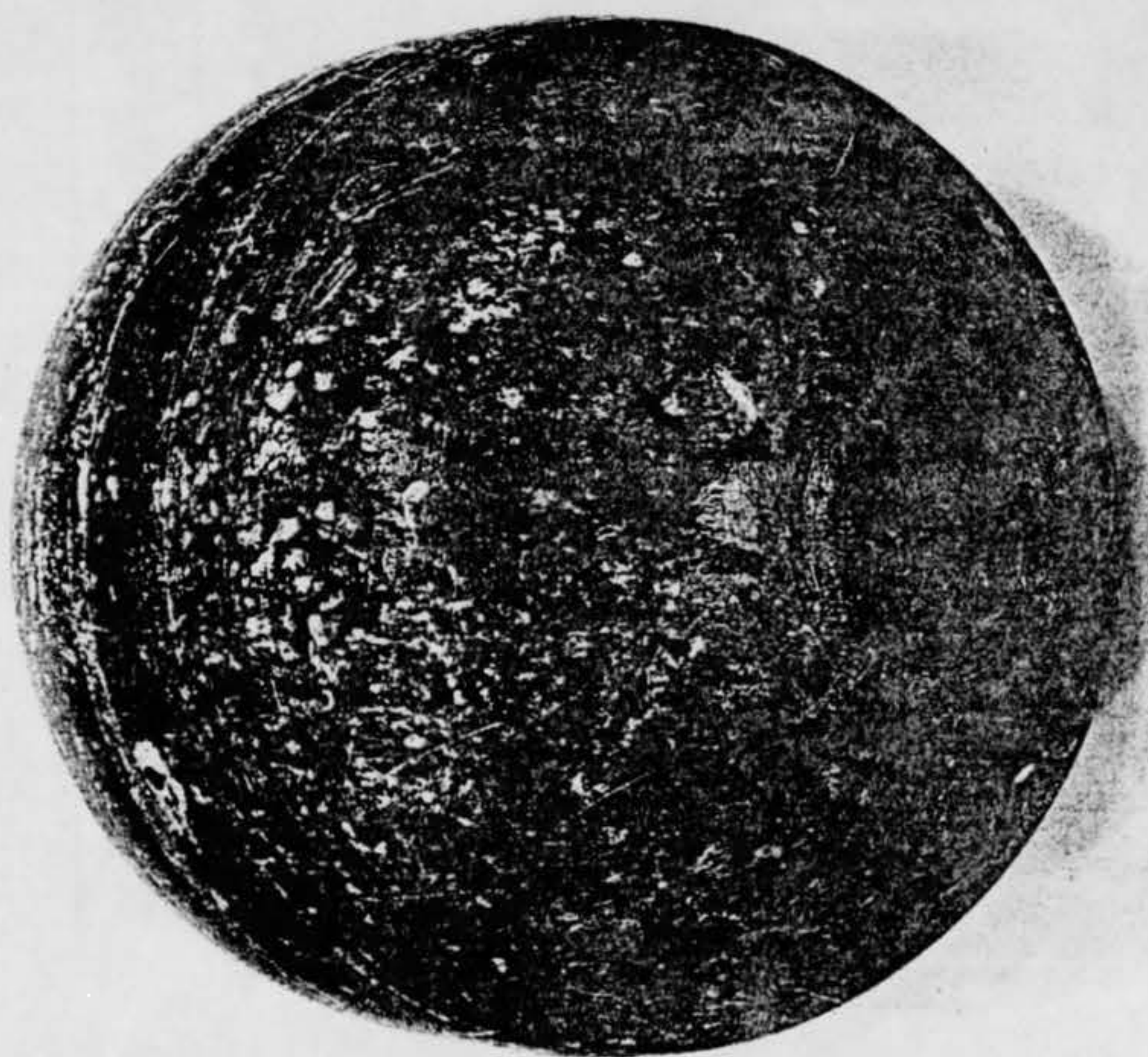
Dear Sir,

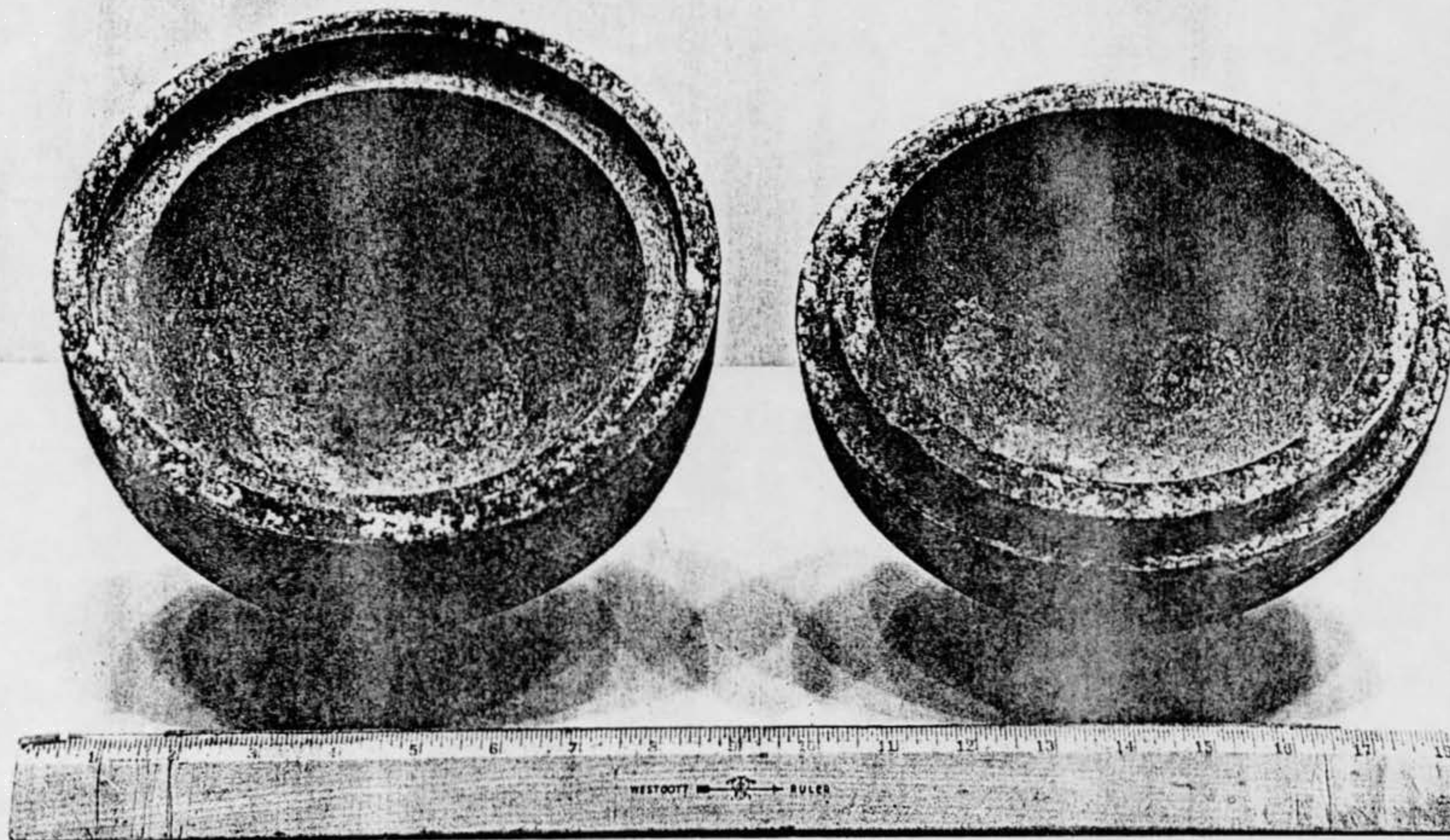
The sphere that was submitted to the Air Force at Wright-Patterson AFB, Ohio was tested at the Air Force Materials Laboratory. A copy of their report is attached. While no specific identification of the object was made, tests conducted, confirmed that the object was of American origin and did not exhibit evidence of space residence. The sphere is being returned to you under separate cover.

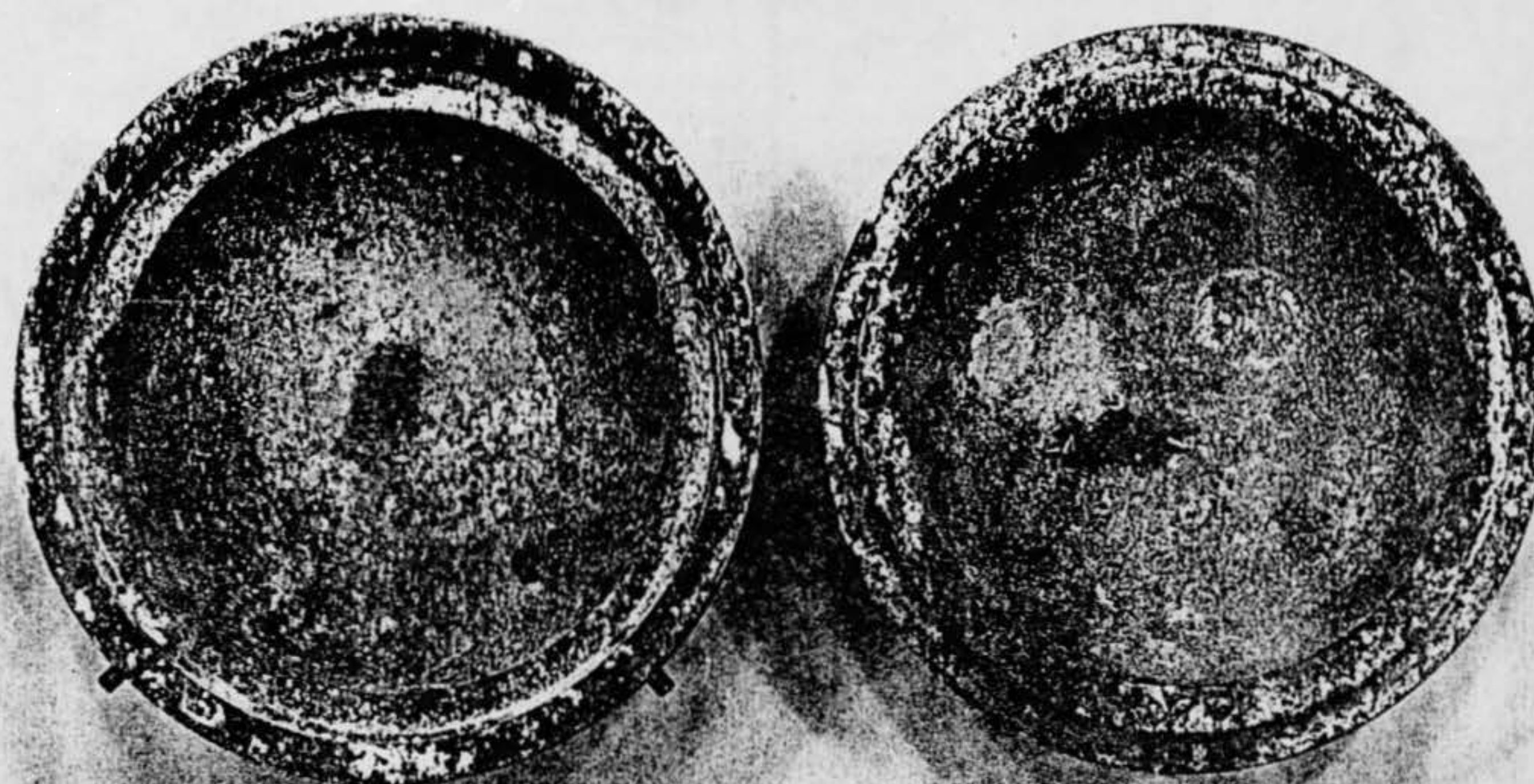
We appreciate your patriotic duty as an American citizen in submitting this object to the Air Force for analysis.

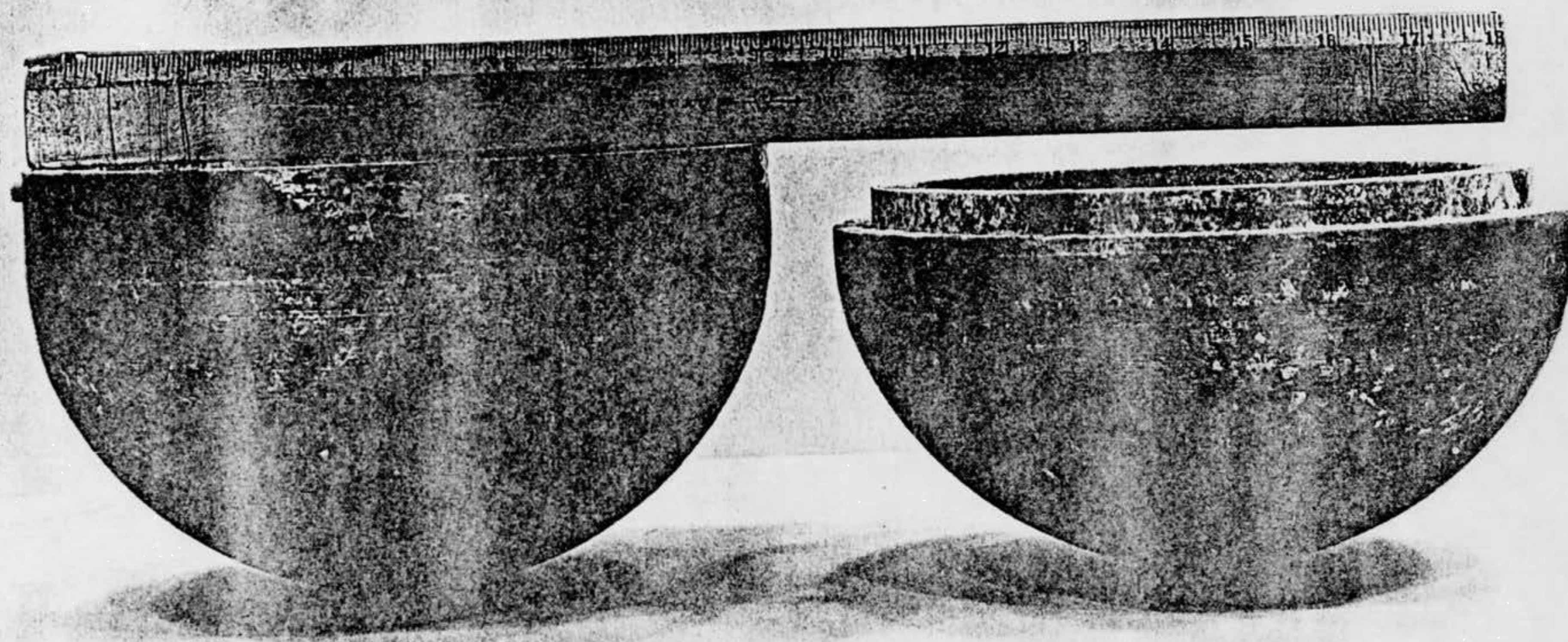
Sincerely,

HECTOR QUINTANILLA, Jr
Major, USAF
Chief, Project Blue Book









UNCLASSIFIED

AIR FORCE MATERIALS LABORATORY

RESEARCH AND TECHNOLOGY DIVISION
AIR FORCE SYSTEMS COMMAND
UNITED STATES AIR FORCE
WRIGHT-PATTERSON AIR FORCE BASE, OHIO 45433

REPLY TO
ATTN. OF MAAE (██████████)

SUBJECT: Analysis of Metallic Sphere

9 MAR 1965

TO: TDEW (Sgt Moody)

1. On 17 Feb 1965 Sgt Moody of the FTD delivered a metallic sphere to the Materials Engineering Branch for analysis. Examination of the sphere disclosed the following:

a. Consists of two hemispheres held together with 4 set-screws.

b. Approximately 9" in diameter (OD).

c. Weighs 23.99 pounds.

d. Wall thickness approximately 1".

e. Density is such that it would readily sink in water.

f. Sphere is an aluminum (195 casting alloy) casting that has been rough machined at both ends and at the equator. External finish was a black paint. Set screws are steel, 1/4 diameter, 28 threads per inch with Allen wrench head fitting, recognized as Standard American. Steel alloy is of the 4100 series type.

g. This container was apparently designed for compressive type loads. The design is such that it would not be suitable for internal gas pressures because of the relatively weak method of closure.

h. There are no external connections, hooks, eyes, entry ports or markings other than the machining tool marks.

i. There is evidence that a gasket had been used at the closure flange although no gasket material remained.

MATERIALS, THE KEY TO AEROSPACE PROGRESS

j. Internal surfaces are severely corroded, indicating a more corrosive environment internally. The lack of corrosion on the outside (even though paint was in poor condition) is indicative that the sphere had not been in a corrosive environment for very long. Analysis of the corrosion products did not provide any clue to the possible contents.

k. A survey for residual alpha, beta or gamma radiation was negative.

2. Discussion.

We have not been able to establish the intended use of this device. The following possible applications were considered but not confirmed.

a. Waste disposal container for radioactive materials. The design is such that it would sink readily if dumped at sea, and could take very high external pressures. However it would not be an efficient container from a payload point of view since only half (one hemisphere) could be loaded because of the method of closure. Discussions with the Mound Laboratory indicated that this was not comparable to any radioactive waste containers they are familiar with.

b. Protective shell for instrumentation exposed to shock wave and blast, for example from nuclear blast. Some years ago the University of Dayton Research Institute manufactured containers something like the one now under consideration, in support of atomic tests in Nevada. However the project engineer on that program examined the sphere we now have and he discounted it as being one of the type used by them.

c. Deep submersible test device. Not a likely application since there are no external connections for anything.

3. The sphere is available for pick up if you so desire. No additional tests are contemplated without further instruction from your office.

W. P. Conrardy
W. P. CONRARDY, Chief
Materials Engineering Branch
Materials Applications Div

1 Atch
Photos (2)

MR 12 February 1965

Ptl Pinkham returned call at 1005, 12 Feb 65, per request of Sgt Jones, relating to object he received from [redacted] residence on 6 Feb 65.

Ptl Pinkham said children were building a tree house and they saw the object and decided to get it and takt it to their house. Besides [redacted] son a neighbor boy, both age 14, found it. The [redacted] boy took it to the neighbors and they said they better call the Air Force.

The boys said it has been there (in the water) since at least last summer at which time they said they first saw it.

Sgt Jones asked the Ptl if he asked the boys why they didn't get it then and he said he never asked them, but figured why they didn't, because the water was to deep for them.

Ptl Pinkham said where the boys found it was about 1/4 mile away from the [redacted] house.

Ptl Pinkham said the boys sounded like they were telling the truth.

[redacted] made a call to the Command Post, ^{from Liberty, Ohio.} and asked them to pick up an unknown object from his farm.

[redacted]
35210

[redacted]
[redacted]
When we find
out what it is,
he would appreciate
knowing what it is.

[redacted]
Liberty, Ohio
[redacted]
[redacted]
[redacted]

[illegible]

| CERTIFICATE OF FINAL DISPOSITION | | | |
|---|---|----------------------------------|--|
| The undersigned certify that the final disposition of the property listed on the face of this Property Record was as follows: | | | |
| PERSON MAKING FINAL DISPOSITION | TYPED OR PRINTED NAME
ROBERT K. MAGREEVY, TSgt | ORGANIZATION OR ADDRESS
EWLAC | SIGNATURE
 |
| PERSON TO WHOM FINAL DISPOSITION WAS MADE | TYPED OR PRINTED NAME
WILLIAM S. FULLIN, AIC | ORGANIZATION OR ADDRESS
EOD | SIGNATURE
 |
| PERSON WITNESSING FINAL DISPOSITION | TYPED OR PRINTED NAME
PAUL V. LAURET, PCL | ORGANIZATION OR ADDRESS
EWLAC | SIGNATURE
 |

| | | | |
|---|---|----------------------------------|---------------------------------------|
| PERSON MAKING FINAL DISPOSITION | TYPED OR PRINTED NAME
ROBERT K. MAGREY, TSgt | ORGANIZATION OR ADDRESS
EWLAC | SIGNATURE
<i>Robert K. Magrey</i> |
| PERSON TO WHOM FINAL DISPOSITION WAS MADE | TYPED OR PRINTED NAME
WILLIAM S. FULLIN, AIC | ORGANIZATION OR ADDRESS
EOD | SIGNATURE
<i>William S. Fullin</i> |
| PERSON WITNESSING FINAL DISPOSITION | TYPED OR PRINTED NAME
PAUL V. LAURET, PCL | ORGANIZATION OR ADDRESS
EWLAC | SIGNATURE
<i>Paul V. Lauret</i> |

This case contains 1
package of a metal alloy,
6, 4"x5" negatives, 2, 7"x4"
photos, and 17, 8"x10"
photo.