PROJECT 10073 RECORD

1. DATE - TIME GROUP Sep 67	2. LOCATION Los Angeles, California
3. SOURCE Civilin	10. CONCLUSION Other: (1) Probable SLAG (2) UNALLOYED IRON
4. NUMBER OF OBJECTS 1	
5. LENGTH OF OBSERVATION unknown	11. BRIEF SUMMARY AND ANALYSIS Observer heard a loud noise and found a rock-like material on her doorstep. Two different types of material were submitted in regards to this sighting. One rock like object was the size of a fist and a small metal slug. Comments: The object were analyzed with the results that the large object appears to be a piece of ordinary slag and the metal slug was found to be unalloyed iron. Material corresponding to both samples can be found in the scrap pile of any steel mill. SAFC
6. TYPE OF OBSERVATION unknown	
7. COURSE unknown	
8. PHOTOS ☐ Yes XX No	
9. PHYSICAL EVIDENCE XX Yes ☐ No	

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

6592nd Support Group (AFSC)
SMFT/Capt Margenthaler

Specimen of 26 September 1967 is being returned.

K243.6012-1
1-10 Sep 1967

RETURN TO:

Director
Aerospace Studies Inst
ATTN: Archives Branch
Maxwell AFB, Alabama

FTD (TDPT(UFO) 8 Feb 68

W-P AFB, Ohio 45433

70916

1003777

Return sample.

DEC 21 1967

TDPT (UFO) Maj Quintanilla/70916/mhs/20 Dec 67

Specimen, 26 September 1967

6592nd Support Group (AFSC)
SMFT/Capt Margenthaler

Reference the physical specimen that your organization forwarded on 26 September 1967. Attached is a copy of the Memo for the Record that was written on the specimen. The sample will be returned to your organization at a later date.

FOR THE COMMANDER

HECTOR QUINTANILLA, Jr, Major, USAF
Chief, Aerial Phenomena Office
Aerospace Technologies Division
Production Directorate

1 Atch
Memo for the Record,
11 Dec 67

YTDPT (UFO) OFFICIAL FILE CY

Maj Quintanilla: 8 Jan 68

Lt Matthews called regarding the attached. He wanted to know if this could be part of a satellite decay. I read him the paragraph 1 from the attached memo regarding the fact that the sample was not part of rocket body or space vehicle. I also sent him a copy of the complete file at his request.

Marilyn

26 Sept 67

MEMO FOR THE RECORD

DEC 11 1967

Reference Physical Specimen 26 September 1967

7 December 1967

Captain Margenthaler called and asked to have the following questions answered.

1. Could the sample be part of a rocket body or space vehicle?

2. Is there any indication of burning or charing on the outside?

3. Could the object be a meteorite?

8 December 1967

Called Mr. Huston (Head of Materials Lab)

His response to the questions were:

1. Sample (large) was not part of rocket body or space vehicle. It has much too high a silicon content. The slag has a high silicon content such as found in the sample.

2. The sample had been molten at one time. This again was expected of the slag.

3. It is also unlikely that the object is a meteorite, since it does not contain enough Ni.

11 December 1967

Called Lt. Marley (Metallurgist)

1. Lt. Marley did not think it was a meteorite either because meteorites are usually high in Fe, Mn, and contain some Ni.

11 December 1967

Called Dr. Hynek (Astrophysicist)

1. It is definitely not the common type of Fe-Ni meteorite. However, he would need to look at the sample before he made a definitely statement that it was not a meteorite.

Note: 1. Capt. Marganthelter wants the sample to be returned to AFB.

2. Hold the specimen for Dr. Hynek to see December 18-20.

26 Sept. 67

DEC 4 1967

TDPT (UFO) Maj H Quintanilla, Jr/70916/mhs/3 Dec 67

Physical Specimen, 26 September 1967

Hqs 6592nd Support Group
SMMOF/Maj Hugh Drury

1. Reference your letter and physical sample of 26 September 1967. Attached is an analysis of the large rock-like sample and a smaller metal sample that you sent to our office for analysis.

2. If you can send us a copy of the newspaper story concerning this sample, it would be appreciated. We will return Mrs. Sweatt's specimens at a later date.

FOR THE COMMANDER

HECTOR QUINTANILLA, Jr, Major, USAF
Chief, Aerial Phenomena Office
Aerospace Technologies Division
Production Directorate

1 Atch
Analysis

TDPT (UFO) OFFICIAL FILE C1

Fr Arnolio Calif.

SUBORDER (Ref ASDR 80-4)

1. TO (Supporting Element) MAYA	2. DATE 2 Oct 67	3. FOR SERVICE IN SUPPORT OF:	4. FILE OR LEDGER NO.
5. DATE COMPLETION REQ.	6. PRIORITY	SYSTEM NO.	INITIATING ELEMENT
		PROJECT NO.	SUPPORTING ELEMENT 7.1976
7. SECURITY CLASSIFICATION OF WORK REQUESTED	8. PRECEDENCE RATING	TASK NO. 6010212	
9. A/C TYPE, MODEL AND SERIAL NO.		PROGRAM STRUCTURE	OTHER
		TITLE .	

10. DESCRIPTION OF WORK

ANALYSIS AND IDENTIFICATION OF ROCK-LIKE UFO SAMPLE

CONTINUED ON REVERSE SIDE ☐

FOR USE OF RESPONSIBLE ELEMENT

11. INITIATED BY Lt. Carmon S Marano	12. APPROVED BY	13. CHIEF (Responsible Element)
ORGN SYMBOL TDET/UFO EXT 70916	ORGN SYMBOL EXT	

FOR USE OF SUPPORTING ELEMENT

14. ESTIMATED COMPLETION	15. PROJECT ENGINEER OR PLANNER	16. CHIEF (Supporting Element)
DATE		
MAN-HOURS	ORGN SYMBOL EXT	

CLOSING ACTION

17. REASON: ☐ COMPLETED ☐ CANCELLED	20. CHIEF (Supporting Element) H J Bentley MAYA 55086	21. CHIEF (Responsible Element)
18. DATE COMPL 10/12/67	19. M/HRS EXP	

ASD FORM 49 DEC 61

AFLC-WPAFB-MAR 67 40M

DEPARTMENT OF THE AIR FORCE
AIR FORCE MATERIALS LABORATORY (AFSC)
WRIGHT-PATTERSON AIR FORCE BASE, OHIO 45433

REPLY TO ATTN OF: MAYA/C. D. Houston/55036/B32

31 October 1967

SUBJECT: Analysis of Material from Los Angeles, California

TO: TDET/UFO (Lt. Marano)

1. The sample submitted by Mrs. [redacted], Los Angeles, California was analyzed and the data obtained was included in Evaluation Report MAY 67-7, dated 12 October 1967.

2. The 3/8" disc of metal, which appeared to have been punched from a 1/4" sheet, was analyzed spectrographically and found to be unalloyed iron. The carbon content was found to be 0.21%, thereby classifying the material as a Type 1020 steel, which is quite common.

3. Material corresponding to both samples can be found in the scrap pile of any steel mill.

Charles D. Houston
CHARLES D. HOUSTON
Analytical Branch
Materials Physics Division

MAY-67-7

PREPARED BY:

James H. Muntz

JAMES H. MUNTZ MAYA

PUBLICATION REVIEW

This report has been reviewed and is approved.

Freeman F. Bentley

FREEMAN F. BENTLEY
Chief, Analytical Branch
Materials Physics Division
AF Materials Laboratory

DISTRIBUTION:
TDET/UFO
MAYA
MAY
MAAM (Library)

AIR FORCE MATERIALS LABORATORY
WRIGHT-PATTERSON AIR FORCE BASE, OHIO

EVALUATION REPORT

Analysis of Rock-like Material

REPORT NR: MAY 67-7

DATE: 12 October 1967

PROJECT NR: 6010212

TYPE EVALUATION:

MANUFACTURER:

SPEC NR:

SUBMITTED BY: TDET/UFO (Lt. C. L. Marano)

ITEM SERIAL NR:

I. PURPOSE: To analyze and identify, if possible, the rock-like material.

II. FACTUAL DATA:

a. The sample was assigned Analytical Branch number 7-1976.

b. Spectrographic analysis gave the following results:

	Light Area	Dark Area
Principal 10%	Si	Fe,Si
Major 1-10%	Al,Ca,Ne,K,Fe	Al,Ca
Minor .1-1%	Mg,Mn	Mg,Mn,Na,K

c. X-ray diffraction indicated the main crystalline constituent of the dark area to be Fe_2SiO_4.

III. CONCLUSIONS: Complete identification was not possible but it would appear that the sample is either slag or a naturally occurring material.

IV. RECOMMENDATION:

None

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

AIR FORCE MATERIALS LABORATORY
WRIGHT-PATTERSON AIR FORCE BASE, OHIO

EVALUATION REPORT

Analysis of Rock-like Material

REPORT NR: MAY 67-7 **DATE:** 12 October 1967

PROJECT NR: 6010212 **TYPE EVALUATION:**

MANUFACTURER: **SPEC NR:**

SUBMITTED BY: TDET/UFO (Lt. C. L. Marano) **ITEM SERIAL NR:**

I. PURPOSE: To analyze and identify, if possible, the rock-like material.

II. FACTUAL DATA:

a. The sample was assigned Analytical Branch number 7-1976.

b. Spectrographic analysis gave the following results:

	Light Area	Dark Area
Principal 10%	Si	Fe,Si
Major 1-10%	Al,Ca,Ne,K,Fe	Al,Ca
Minor .1-1%	Mg,Mn	Mg,Mn,Na,K

c. X-ray diffraction indicated the main crystalline constituent of the dark area to be Fe_2SiO_4.

III. CONCLUSIONS: Complete identification was not possible but it would appear that the sample is either slag or a naturally occurring material.

IV. RECOMMENDATION:

None

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MEMO ROUTING SLIP	Never Use for Approvals, Disapprovals, Concurrences, or Similar Actions		ACTION
1 TO SMLS/Captain Flynn		INITIALS	CIRCULATE
		DATE	COORDINATION
2			FILE
		X	INFORMATION
3			NOTE AND RETURN
			PER CONVERSATION
4			SEE ME
			SIGNATURE

REMARKS

Reference your letter of 15 November on SAMSO Random Reentry Safety Policy. Attached are two items I thought you might be interested in concerning an "object" that dropped into a yard in Hawthorne.

The news query from the LA Herald Examiner resulted in a short story in that paper. Apparently the "thing" was part of a meteorite or something similar and not part of a space vehicle or craft entering the atmosphere.

Major Drury's section was to check the object and then forward it to the Foreign Technology Division at Wright Patterson AFB. If desired, submission of information of this type will be made in the future to SMLS.

FROM	DATE
Wmm WARD M. MILLAR, Lt. Col., USAF Director of Information	28 Nov 67
	PHONE 30030

DD FORM 1 OCT 60 95 Replaces DD Form 94, 1 Feb 50, and DD Form 95, 1 Feb 50, which will be used until exhausted.

OFFICE OF INFORMATION QUERY	DATE 22 September 1967
	PERSON QUERIED Capt. Dederick

FROM	AFFILIATION	PHONE
Hank Allison	LA Herald Examiner	RI 81212

QUERY

What are the details and the description of the meteroi te which fell in Hawthorne today ?

COORDINATION

Operations Division, 31747, Major Drury and his Sergeant

REPLY

weighs three pounds
is the size of a doubled fist
is black with spots of white
has the texture of a sponge, pitted and looks like lava
a dozen pieces the size of a pea were picked up with it as well.

It is being held by the OPerations Division of the 6592nd Support Group at Los Angeles Air Force Station to determine if the Air Force has any [illegible] interest in it. If not then it will be turned over to the appropritae people for their study and analysis and use.

The object will be forwarded to the Air Force's Foreign Technology Division at Wright Patterson AFB, Ohio for study and analysis.

ANSWERED BY	DATE
Capt. Dederick	22 September 67

SSD FORM JAN 67 0-133 PREVIOUS EDITIONS OF THIS FORM WILL BE USED UNTIL STOCK IS EXHAUSTED.

A-2 Los Angeles Herald-Examiner ★ Saturday, Sept. 23, 1967

Air Force To Study 'The Thing'

A meteor-like "thing" which landed on a Hawthorne doorstep will be examined by the Air Force Monday in hopes of determining its origin.

Hawthorne Police Capt. Eugene Gores said his department received a call from a woman in the 4000 block of 120th Street Thursday night, a short time after a secret Vandenburg Air Force Base missile shot lit up the sky.

Gores said the woman told officers she had heard a loud report as something landed on her doorstep and later found a black "thing."

The "thing" is the size of a canteloupe and weighs about 3 lbs., Gores said. It is porous, "like lava or sponge," an Air Force spokesman said. The Air Force did not believe the "thing" was in any way related to the missile shot.

Operations division of the 6592 Support Group, U.S. Air Force in El Segundo, received the "thing" and several similar looking smaller objects found nearby. They will be studied by Air Force specialists.

Physical Specimen

26 Sept 67

DEPARTMENT OF THE AIR FORCE
HEADQUARTERS 6592ND SUPPORT GROUP (AFSC)
APO UNIT POST OFFICE, LOS ANGELES, CALIFORNIA 90045

REPLY TO ATTN OF: SMMOF (Maj Drury/31747) 26 September 1967

SUBJECT: Unidentified Flying Objects

TO: FDETR (Maj Quintanilla)

1. The enclosed objects were forwarded to this office by the Los Angeles Police Department for inspection and disposition since they were reported to have fallen from the sky. This station has no facilities to perform an analysis. Request your assistance in determining the content of objects.

2. One of the local papers gave this front page treatment and has thereby generated considerable interest. Any assistance you can render to provide a plausible explanation will be appreciated.

FOR THE COMMANDER

for Hugh D. Drury Maj

JOHN P. YOUNGER, Lt Col, USAF
Chief, Base Operations & Training Division

2 Encl