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PP RUWPQS

DE RUTQBN 7A 0511630

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FM 16AF ADVON SPAIN

TO RUWPQX/SANDIA CORP ALBUQUERQUE NMEX

INFO RUWPQA/USAEC ALBUQUERQUE NMEX

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RUWPQL/LAS LOS ALAMOS NMEX

BT

S E C R E T RD ~~NOFORN~~ C ^{200 298} ~~WPPVCI~~ FEB 66. FOR I. T. HOLT, R.C. MAY-
DEW, 9320, AND W. R. HOAGLAND, 1540, LASL FOR F. DUNN; USAEC (ALBU-
QUERQUE) FOR W. E. WHITE.

YOU MIGHT CHECK THESE CDS. THE RE-
SULTS SHOULD INDICATE IMPACT POSITION, IMPACT ANGLE, TOF, IMPACT
VELOCITY AND CDS VALUES USED.

DOE b(3)

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~~NOFORN~~

NOT TO BE RELEASED TO A FOREIGN NATION OR
REGIONAL DEFENSE ORGANIZATION UNLESS PERMIT;
SECTION 144. ATOMIC ENERGY ACT OF 1954.

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DEPARTMENT OF ENERGY DECLASSIFICATION REVIEW	
1ST REVIEW DATE: 6/93	DETERMINATION (CIRCLE NUMBER(S))
AUTHORITY: EDC CDD	1. CLASSIFICATION RETAINED
NAME: G. L. Lawrence	2. CLASSIFICATION CHANGED TO:
2ND REVIEW DATE: 11/6/99	3. CONTAINS NO DOE CLASSIFIED INFO
AUTHORITY: DC	4. COORDINATE WITH:
NAME: G. L. Lawrence	5. CLASSIFICATION CANCELED
	6. CLASSIFIED INFO BRACKETED
	7. OTHER (SPECIFY):

- 1 -

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FEB 20 1966

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[REDACTED] CDS VALUES SHOULD BE YOUR DECISION BASED - B
ON MAYDEW'S DESCRIPTION OF CHUTE.

DOE
b(3)

USING THE FOLLOWING CURRENT INFORMATION. THIS IS MEASURED
INFORMATION AND WAS SUPPLIED BY DJ. DAUGHERTY OF THE NAVOCEANO
OCEANOGRAPHIC SUPPORT TEAM.

DEPTH-FEET	MAXIMUM CURRENT-KNOTS
550 FEET 1450	0.50 KNOTS
900 FEET 1100	0.25 KNOTS
1200 FEET 800	0.20 KNOTS
1500 FEET 500	0.19 KNOTS
1650 FEET 350	0.16 KNOTS
1702 FEET 300	0.15 KNOTS

B

ASSUMENOTTOM AT 2000 FEET AND DIRECTION AT ALL LEVELS IS TO THE
SOUTHWEST. NEW SUBJECT: FOR W. N. CAUDLE. PICTURES THAT MOORE
BROUGHT WERE VERY HELPFUL. ONLY PICTURES LACKING WERE THOSE THAT
WOULD SHOW THE CRATER AFTER IT HAD DRIED OUT. WEARE AWAITING THE
ARRIVAL OF THE AERIAL MAPPING PHOTOS. I HAVE REQUESTED THRU THE
AIR FORCE THAT THEY OBTAIN A STEREO VIEWER. MAIL NORMALLY TAKES
5 TO 7 DAYS. NEW SUBJECT: THERE IS A CIVILIAN ASSIGNED TO THE

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NAVY, DR. R. J. SMITH WHO IS A SOIL MECHANICS MAN. HE HAS MADE STUDIES OF THE SHORE LINE ON OUT. THE RESULTS OF THOSE STUDIES ARE AS FOLLOWS: THE LOAD-CARRYING ABILITY OF THE SEDIMENT RANGES FROM 0.2 LBS/IN SQUARE, TO 3.3 LBS/IN SQUARE. HIGH BULK DENSITY VALUES; 104 TO 115 LB/FT CUBE AS WELL AS LOW WATER CONTENT VALUES OF 36 TO 68 PERCENT DRY WEIGHT WERE FOUND. THESE VLUES WERE SUBSTANTIATED BY OLD CANNON BASS THAT WERE FOUND BY DEE JEEP OPERATORS. THIS FIND SOUNDS ENCOURAGING. THIS DAVXTA DOES NOT APPLY TO INLAND SOILS. I HAVAI REQUESTED THAT THEY STUDY THE INLAND SOILS AND GIVE US A REPORT. NO REPLY TO THAT REQUEST AS YET. MINING ENGINEER DUE HERE IN ABOUT A WEEK. FROM W. R. BARTON AND S. A. MOORE. GP1

BT

DISTRIBUTION:

1/SA R. C. MAYDEW 9320, ATTN. W. BARTON 9320

2/0- W. R. HOAGLAND, 1544

This is an exact copy: 04/02/97: 7447: cmg.

Distribution:

M0659A Elva Barfield, FOIA Officer/OPA; DOE/AL

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