

MARSHALL ISLANDS FILE TRACKING DOCUMENT

Record Number: 148

File Name (TITLE): Enwetak Fact Book,
Advanced Draft.

Document Number (ID): 239725

DATE: 9/1977

Previous Location (FROM): CIC

AUTHOR: W. Bliss, US EPA

Additional Information: _____

OrMIbox: 9

CyMIbox: 6

ADVANCE DRAFT

(Incomplete)

ENEWETAK FACT BOOK

Compiled By

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U.S. EPA

Environmental Monitoring and Support Laboratory

Las Vegas, Nevada

For

U.S. Energy Research and Development Administration

Nevada Operations Office

September 9, 1977

June 16, 1977

Site Name: FLORA and GENE
Other: ELUGELAB and TEITEIRIPUCCHI

FLORA and GENE have been blown away by nuclear explosives. For their sacrifice, inclusion in cleanup treatises seems a small tribute.

Prior to OPERATION IVY, GENE through IRENE were four islands in a linear arrangement at the north end of Enewetak Atoll. With a little dirt work these islands were connected by causteways, pipelines and cables. The attached sketch shows their original configuration.

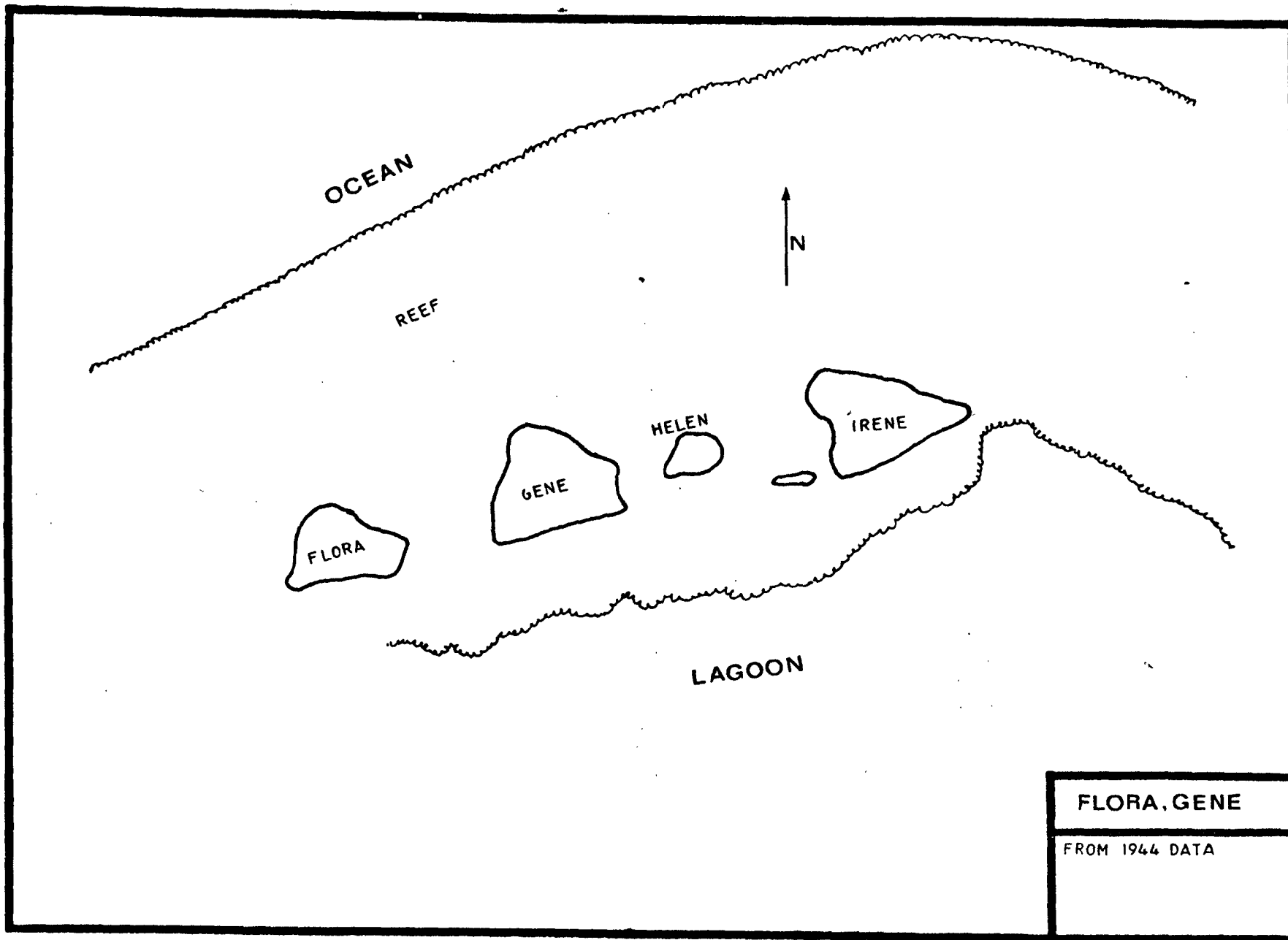
FLORA was the site of the MIKE EVENT of OPERATION IVY. MIKE was an experimental thermonuclear device detonated October 31, 1952, which yielded 10.4 megatons. MIKE cast FLORA to the winds; however, her location was to be used in many succeeding barge shots.

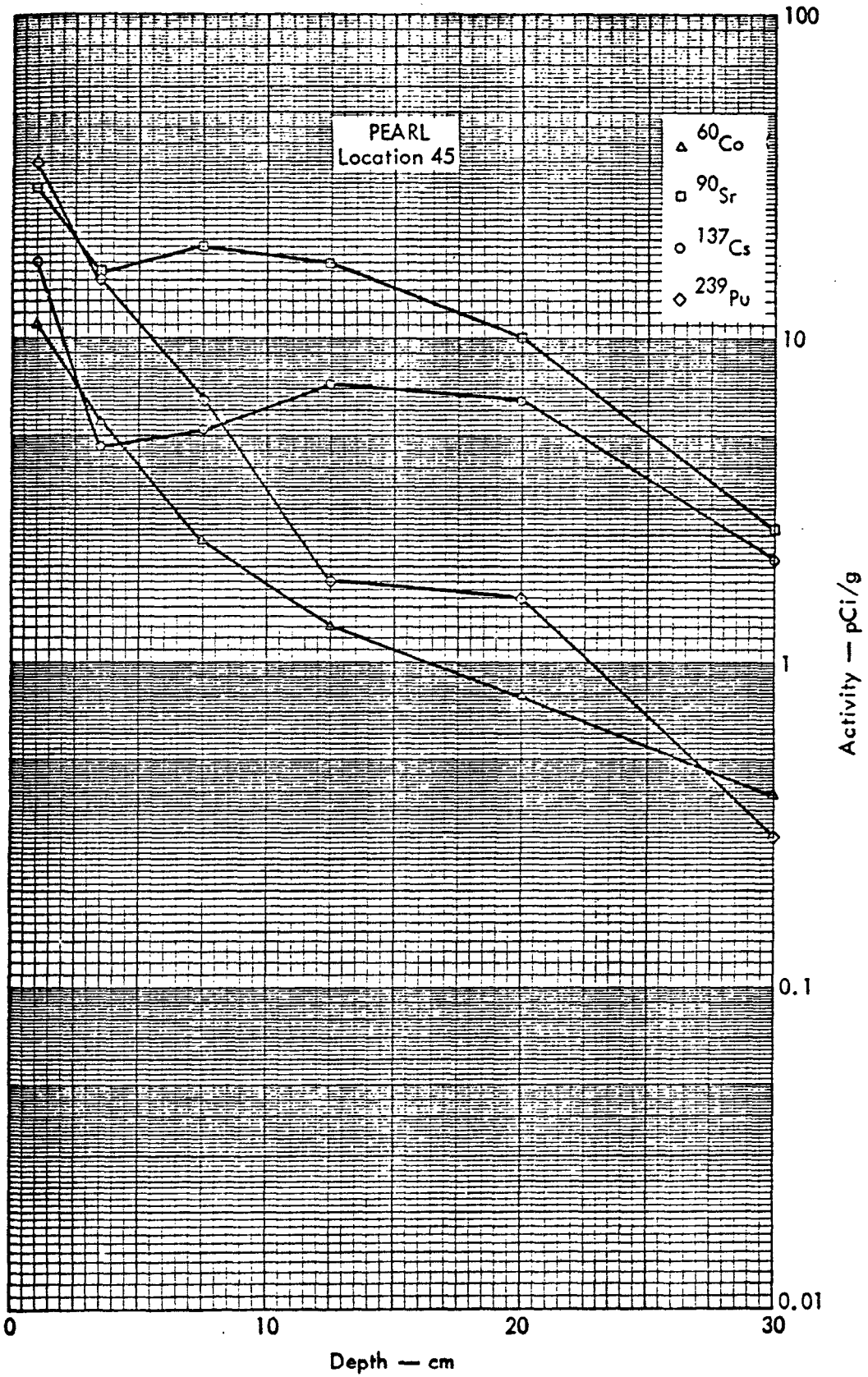
GENE, the site of one forward area camp, served as a work area through OPERATIONS CASTLE and REDWING. By the KOA EVENT, May 12, 1958, of OPERATION HARDTACK, PHASE I, GENE had followed FLORA into oblivion.

FLORA and GENE

-2-

No radiological measurements have been made of these two areas in recent years. No estimate of cleanup, if any is warranted, has been made other than that incorporated with IRENE. Pipelines ran from IRENE to both MIKE and KOA and some of that debris may remain on the reef.





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Fig. B. 15.2a. Activities of selected radionuclides as a function of soil depth.

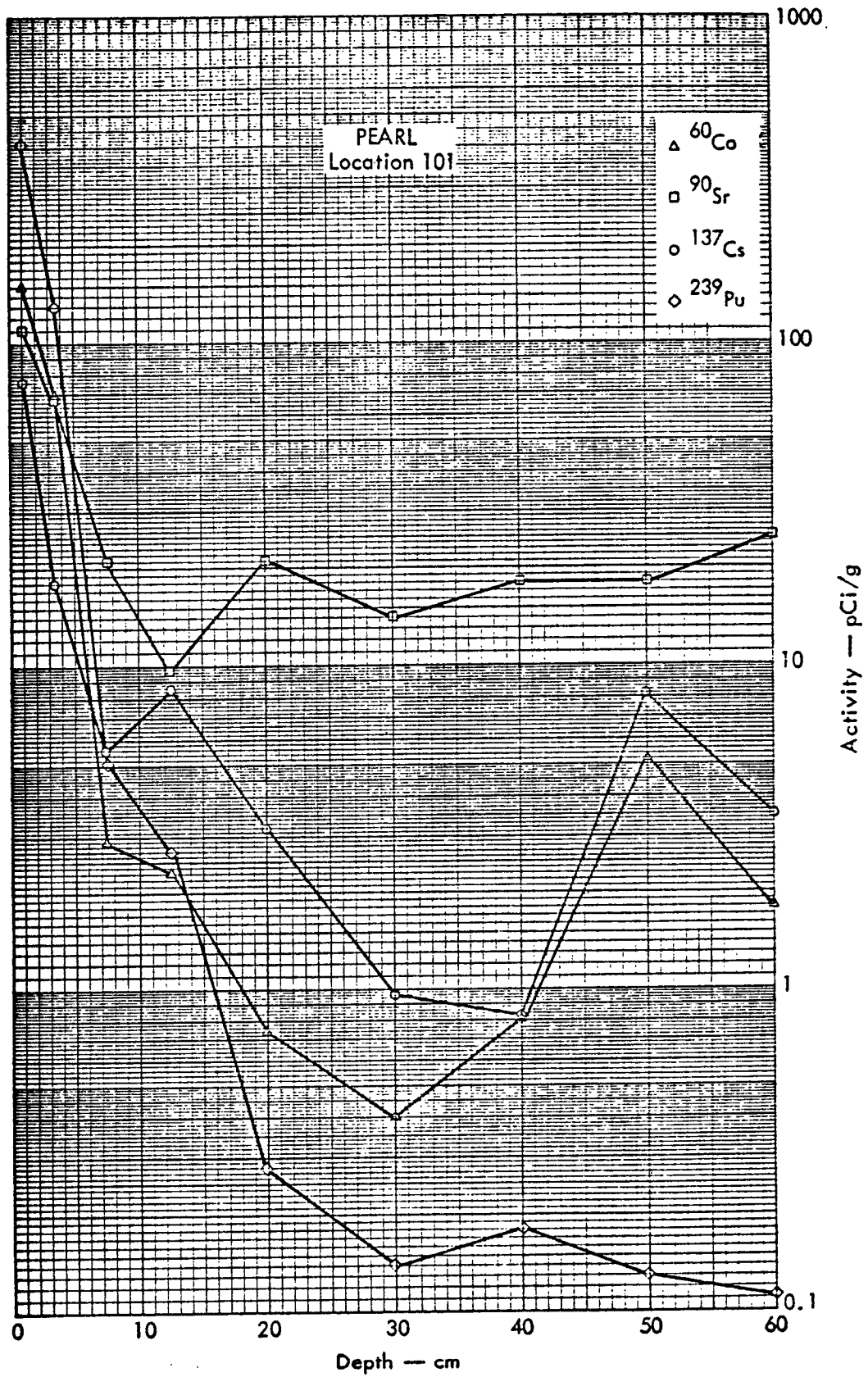


Fig. B. 15. 2g. Activities of selected radionuclides as a function of soil depth.

August 25, 1977

Site Name: DAVID
Board of Geo.: MUTI
Marshallese: JAPTAN

DAVID is located in the southeast quadrant of Enewetak Atoll adjacent to the Deep Entrance. It has a land area of about 79 acres (32 hectares). Coconut trees remain from a nineteenth century German plantation as well as numerous installations remain from U. S. operations. The island was first used by the U. S. to house animals used in nuclear test effects research. Later, during the REDWING OPERATION, it became the radio receiver site for the Atoll with a 20-man permanent camp. Following the termination of the nuclear testing program, when the Atoll became a down-range target area for the Navy's Pacific Missile Range and the Air Force Western Test Range, a 3000 square foot concrete building was constructed to house the Missile Impact Locating System -- Building 2182. DAVID was also used as a recreational area during nuclear test operations.

Some 50 - 75 Enewetakese people returned to DAVID in March 1977 and currently reside there.

The radiological condition of DAVID is good. The accumulated H+1 hr. gamma exposure rate from nuclear testing is 1 R/hr

DAVID

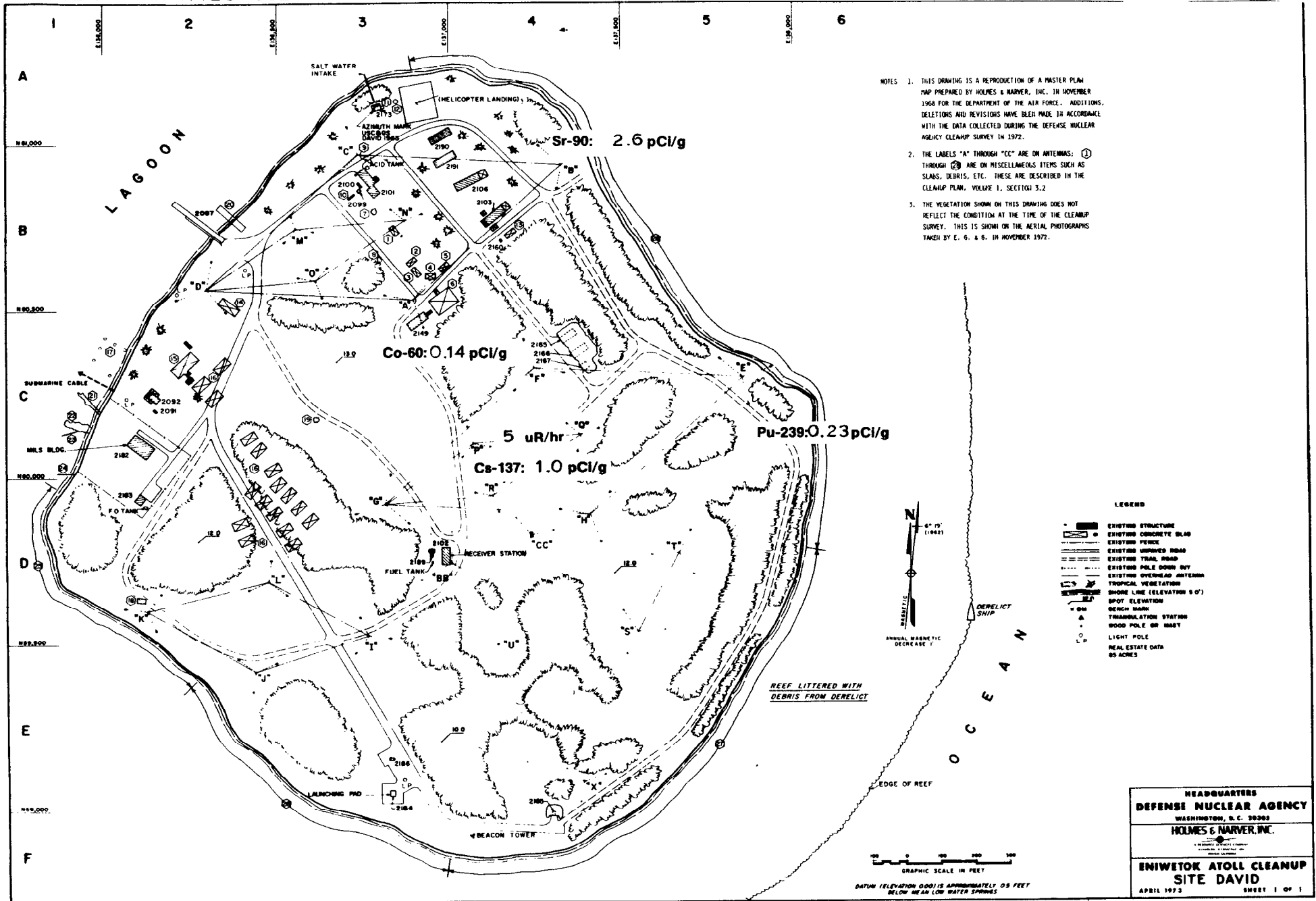
-2-

contributed by three events. The maximum 1m gamma exposure rate measured in 1972 was 5 uR/hr. The mean and range values for the prevalent radionuclides in surface soil samples were:

<u>Radionuclide</u>	<u>Activity (pCi/g)</u>	
	<u>Mean</u>	<u>Range</u>
^{239}Pu	0.05	0.004 - 0.23
^{90}Sr	0.55	0.08 - 2.6
^{137}Cs	0.39	0.03 - 1.0
^{60}Co	0.03	0.009 - 0.14

No zero points, radioactive material burials, or other radiological hazards are known to exist on DAVID. Cleanup activities will include removal of physical hazards and structures as specified in the Engineering Plan.

CASE 3: UNLIMITED USE



- NOTES
1. THIS DRAWING IS A REPRODUCTION OF A MASTER PLAN MAP PREPARED BY HOLMES & HARVER, INC. IN NOVEMBER 1968 FOR THE DEPARTMENT OF THE AIR FORCE. ADDITIONS, DELETIONS AND REVISIONS HAVE BEEN MADE IN ACCORDANCE WITH THE DATA COLLECTED DURING THE DEFENSE NUCLEAR AGENCY CLEANUP SURVEY IN 1972.
 2. THE LABELS "A" THROUGH "CC" ARE ON ANTENNAS; (1) THROUGH (2) ARE ON MISCELLANEOUS ITEMS SUCH AS SLABS, DEBRIS, ETC. THESE ARE DESCRIBED IN THE CLEANUP PLAN, VOLUME 1, SECTION 3.2
 3. THE VEGETATION SHOWN ON THIS DRAWING DOES NOT REFLECT THE CONDITION AT THE TIME OF THE CLEANUP SURVEY. THIS IS SHOWN ON THE AERIAL PHOTOGRAPHS TAKEN BY E. G. & G. IN NOVEMBER 1972.



- LEGEND
- EXISTING STRUCTURE
 - EXISTING CONCRETE SLAB
 - EXISTING FENCE
 - EXISTING UNIMPAVED ROAD
 - EXISTING TRAIL ROAD
 - EXISTING POLE DOWN BUT
 - EXISTING OVERHEAD ANTENNA
 - TROPICAL VEGETATION
 - SHORE LINE (ELEVATION 5 0')
 - SPOT ELEVATION
 - BENCH MARK
 - TRANSMISSION STATION
 - WOOD POLE OR MOIST
 - LIGHT POLE
 - REAL ESTATE DATA
 - 65 ACRES



DATUM (ELEVATION 0.00) IS APPROXIMATELY 0.5 FEET BELOW MEAN LOW WATER SPRINGS

HEADQUARTERS
DEFENSE NUCLEAR AGENCY
 WASHINGTON, D. C. 20303
 HOLMES & HARVER, INC.

ENIWETOK ATOLL CLEANUP SITE DAVID
 APRIL 1973 SHEET 1 OF 1

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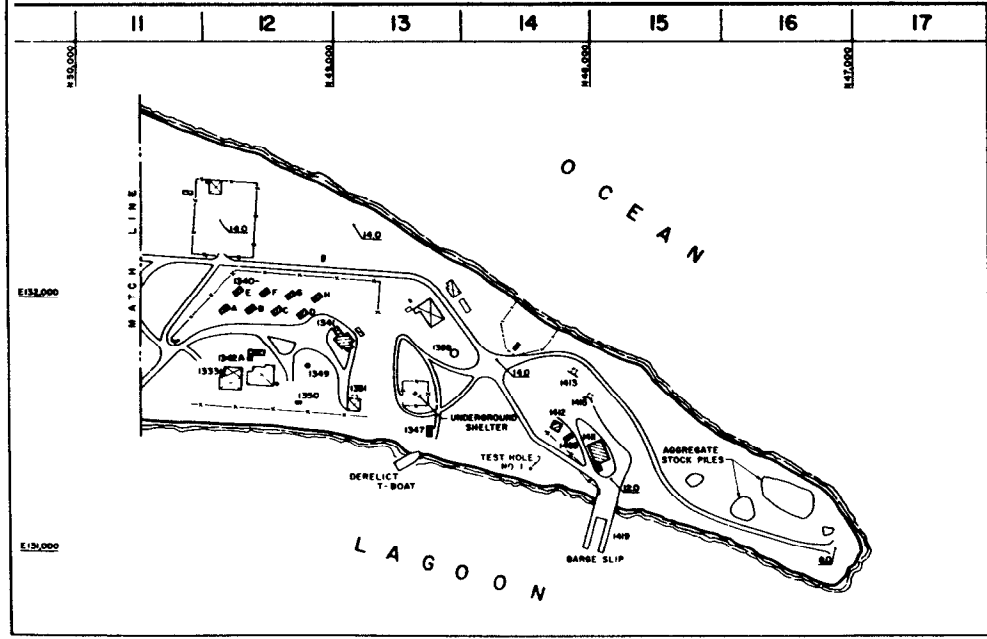
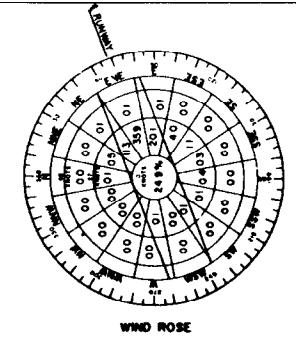
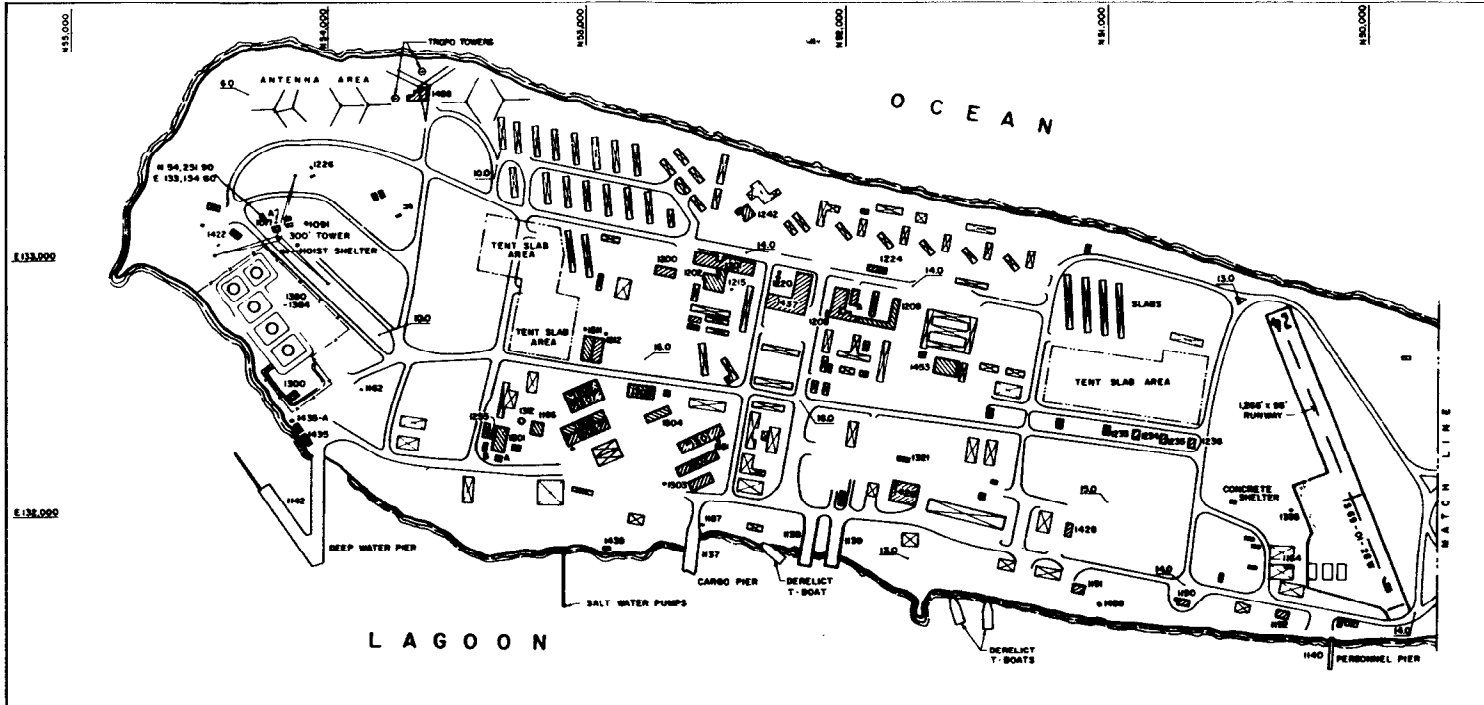
ELMER

-4-

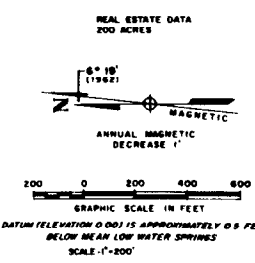
would be the fallout from the TEWA SHOT on Bikini which resulted in a 1.2 Rad exposure to ELMER. The fallout occurred over a period of several hours.

An incident occurred on ELMER which involved a ruptured foil containing plutonium. All materials contaminated were either successfully decontaminated or poured in concrete and buried at sea.

CASE 3: UNLIMITED USE



- LEGEND
- EXISTING STRUCTURE
 - EXISTING CONCRETE SLAB
 - EXISTING FENCE
 - EXISTING ROAD OR PAVED AREA
 - EXISTING UNPAVED ROAD
 - EXISTING POLE DOWN GUY
 - EXISTING OVERHEAD ANTENNA
 - ANTENNA POLE
 - BENCH MARK
 - TRIANGULATION STATION
 - SPOT ELEVATION
 - TROPICAL VEGETATION
 - SHORE LINE (ELEVATION 5.0')
 - SEA WALL OR BARRICADE



ORIGIN OF PLANE GRID SYSTEM IS BASED ON CLARKE'S SPHEROID OF 1866 EXISTING PLANNING FEATURES AS OF 1 FEB 1963

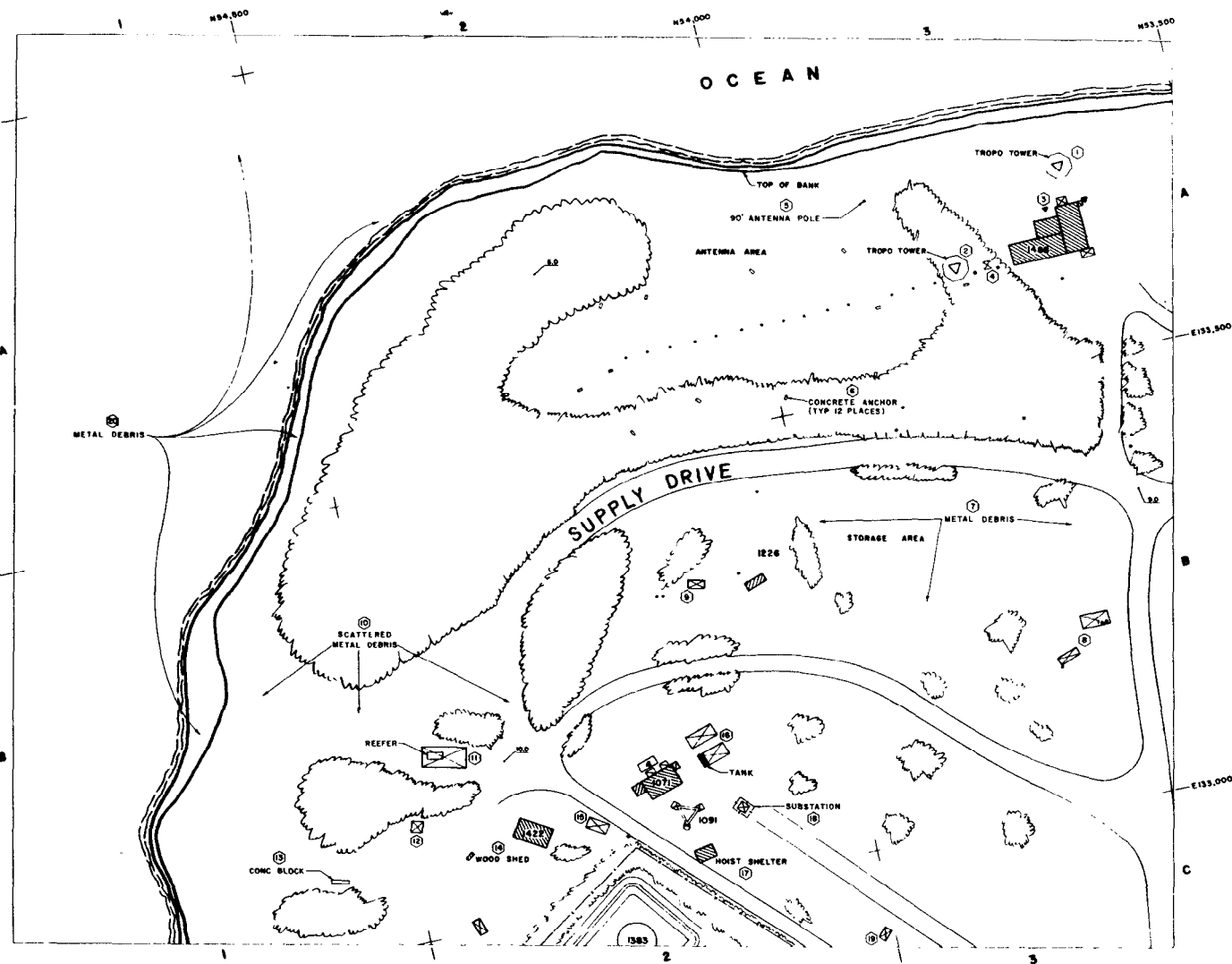
HEADQUARTERS
DEFENSE NUCLEAR AGENCY
WASHINGTON, D. C. 20305

HOLMES & Narver, Inc.

ENIWETOK ATOLL CLEANUP
PLOT PLAN - SITE ELMER
APRIL 1973 SHEET 1 OF 1

11

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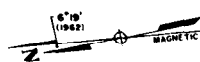
LEGEND	
	EXISTING STRUCTURE
	EXISTING CONCRETE SLAB
	EXISTING FENCE
	EXISTING ROAD OR PAVED AREA
	EXISTING UNPAVED ROAD
	EXISTING BOX CULVERT
	EXISTING PIPE CULVERT
	BENCH MARK
	TRANSMISSION STATION
	SPOT ELEVATION
	FINISH ELEVATION
	TROPICAL VEGETATION
	SHORE LINE (ELEVATION 5.0')
	SEA WALL OR BARRICADE
	EXISTING POLE DOWN GUY
	WOOD POLE OR MAST
	EXISTING AIRCRAFT TIEDOWN
	EXISTING OVERHEAD ANTENNA

GENERAL NOTES:

1. THIS DRAWING IS A REPRODUCTION OF A MASTER PLAN MAP PREPARED BY HOLMES & NARVER, INC. IN NOVEMBER 1968, FOR THE DEPARTMENT OF THE AIR FORCE. ADDITIONS, DELETIONS AND REVISIONS HAVE BEEN MADE IN ACCORDANCE WITH THE DATA COLLECTED DURING THE DEFENSE NUCLEAR AGENCY CLEANUP SURVEY IN 1972.

2. HEXAGON () SYMBOLS ARE ON MISCELLANEOUS ITEMS SUCH AS SLABS, DEBRIS, ETC. THESE ARE DESCRIBED IN THE CLEANUP PLAN, PART I, SECTION 32.

3. THE VEGETATION SHOWN ON THIS DRAWING DOES NOT REFLECT THE CONDITION AT THE TIME OF THE CLEANUP SURVEY. THIS IS SHOWN ON THE AERIAL PHOTOGRAPHS TAKEN BY E. G. & G. IN NOVEMBER 1972.



DATUM (ELEVATION 0.00) IS APPROXIMATELY 85 FEET BELOW MEAN LOW WATER SPRINGS

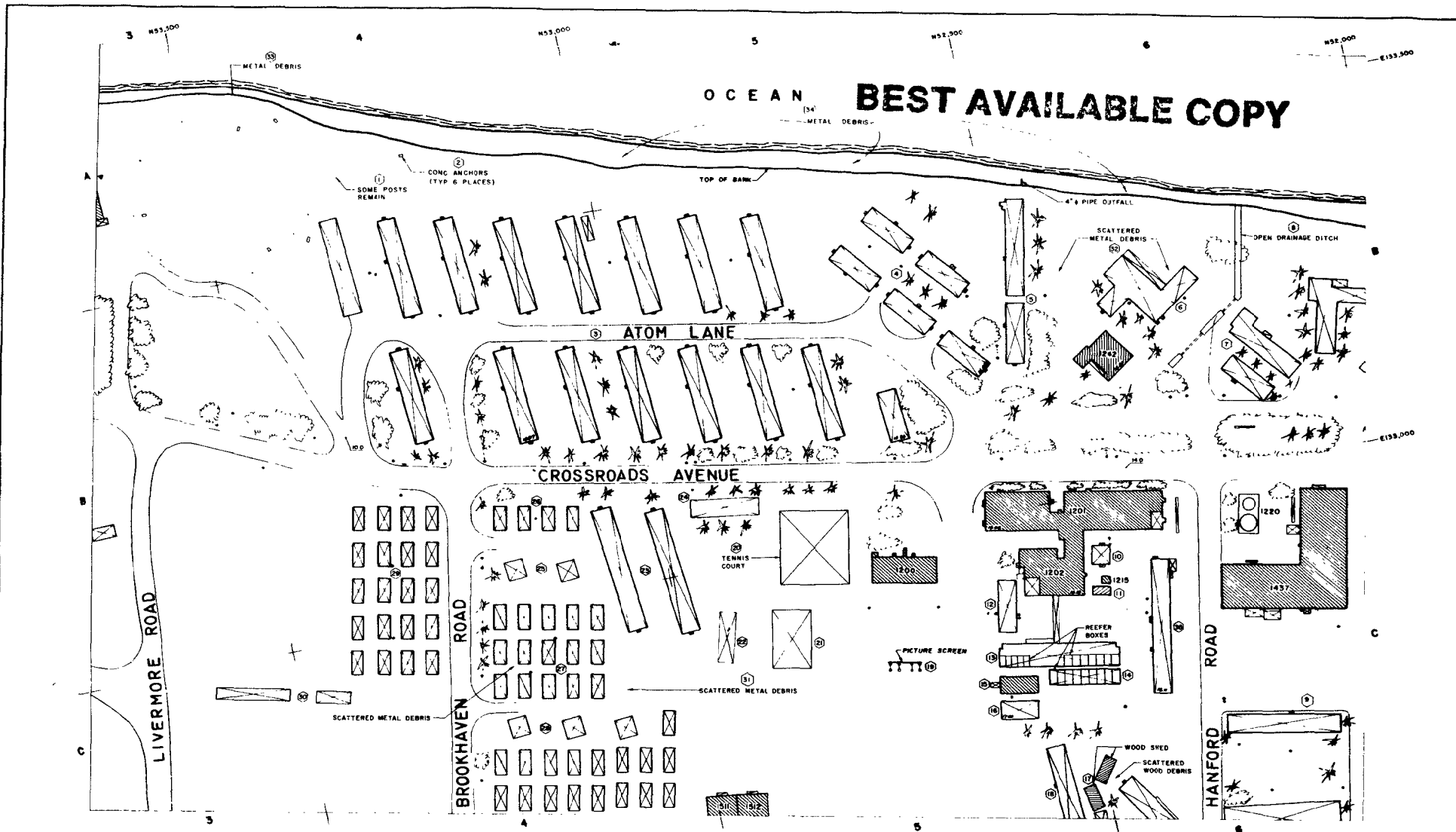
HEADQUARTERS
DEFENSE NUCLEAR AGENCY
WASHINGTON, D. C. 20305
HOLMES & NARVER, INC.

ENIWETOK ATOLL CLEANUP
SITE ELMER

APRIL 1973 SHEET 1 OF 11

15

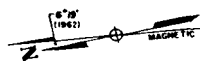
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LEGEND

- EXISTING STRUCTURE
- EXISTING CONCRETE SLAB
- EXISTING FENCE
- EXISTING ROAD OR PAVED AREA
- EXISTING UNPAVED ROAD
- EXISTING BOX CULVERT
- EXISTING PIPE CULVERT
- BENCH MARK
- TRIANGULATION STATION
- SPOT ELEVATION
- FINISH ELEVATION
- TROPICAL VEGETATION
- SHORE LINE (ELEVATION 50')
- SEA WALL OR BARRICADE
- EXISTING POLE DOWN GUY
- WOOD POLE OR MAST
- EXISTING AIRCRAFT TIE-DOWN
- EXISTING OVERHEAD ANTENNA

FOR GENERAL NOTES SEE SHEET 1



ANNUAL MAGNETIC DECREASE 1'



GRAPHIC SCALE IN FEET

DATUM (ELEVATION 000) IS APPROXIMATELY 0.5 FEET BELOW MEAN LOW WATER SPRINGS

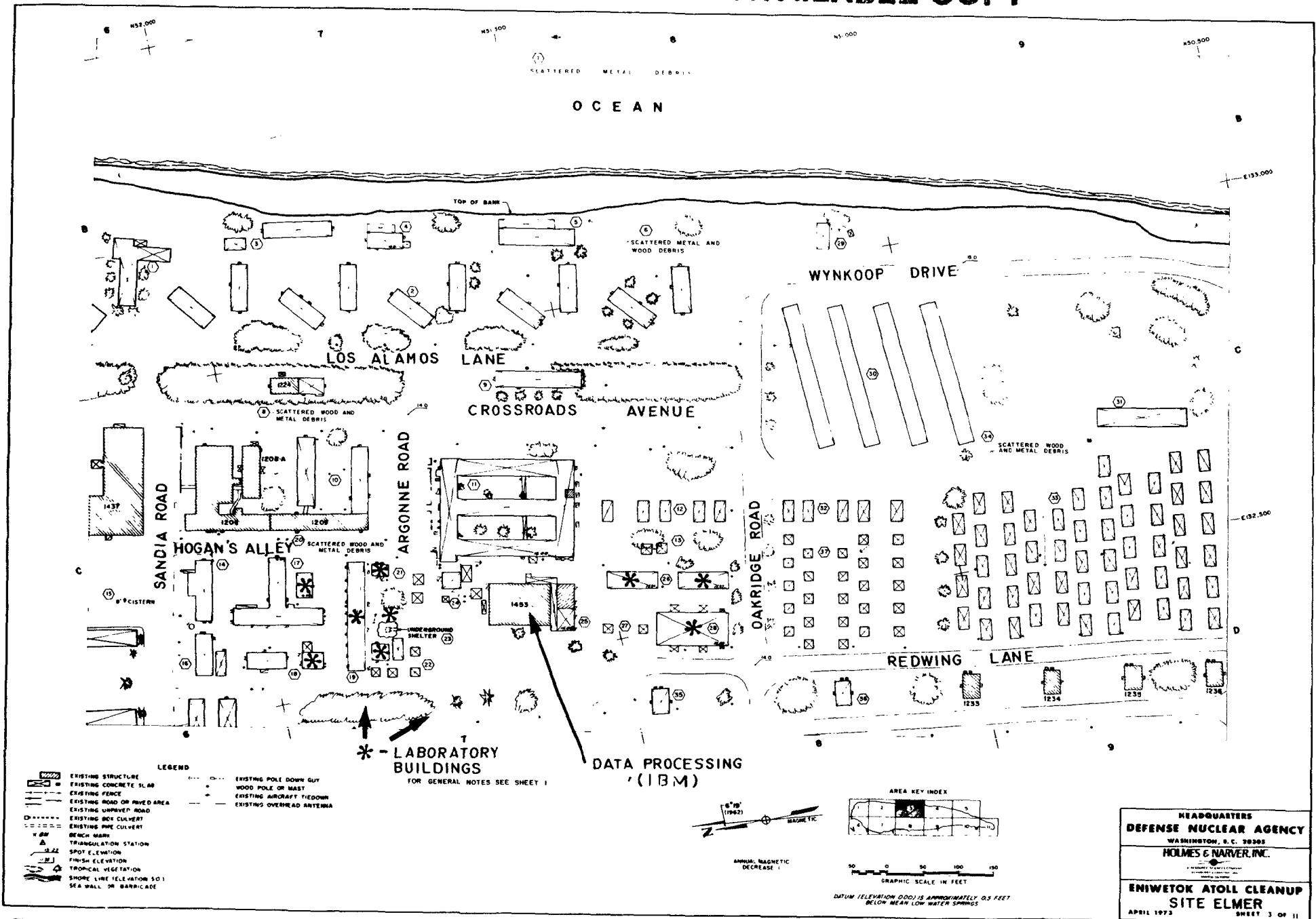
HEADQUARTERS
DEFENSE NUCLEAR AGENCY
WASHINGTON, D. C. 20306
HOLMES & HARVER, INC.

ENIWETOK ATOLL CLEANUP
SITE ELMER

APRIL 1973 SHEET 2 OF 11

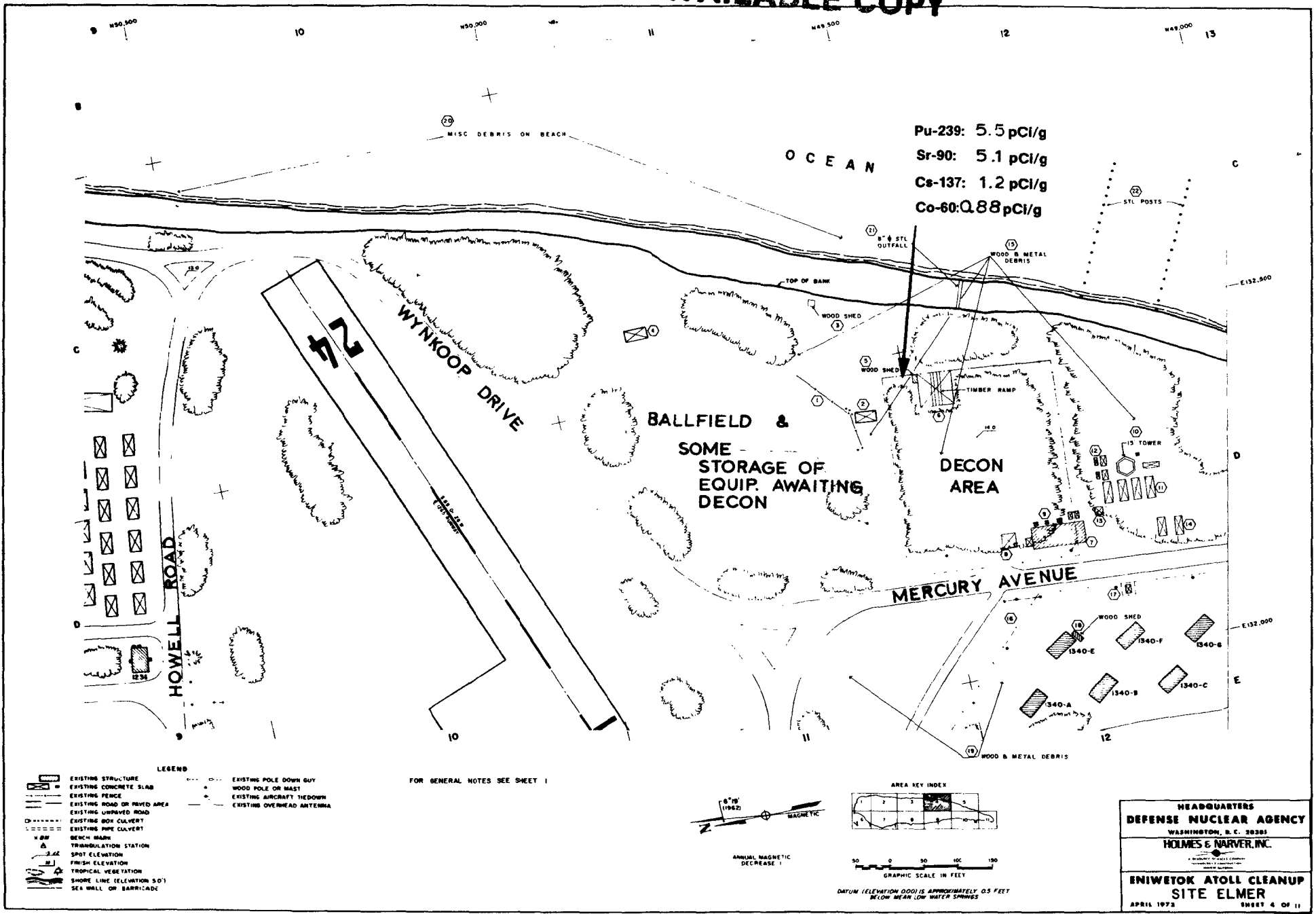
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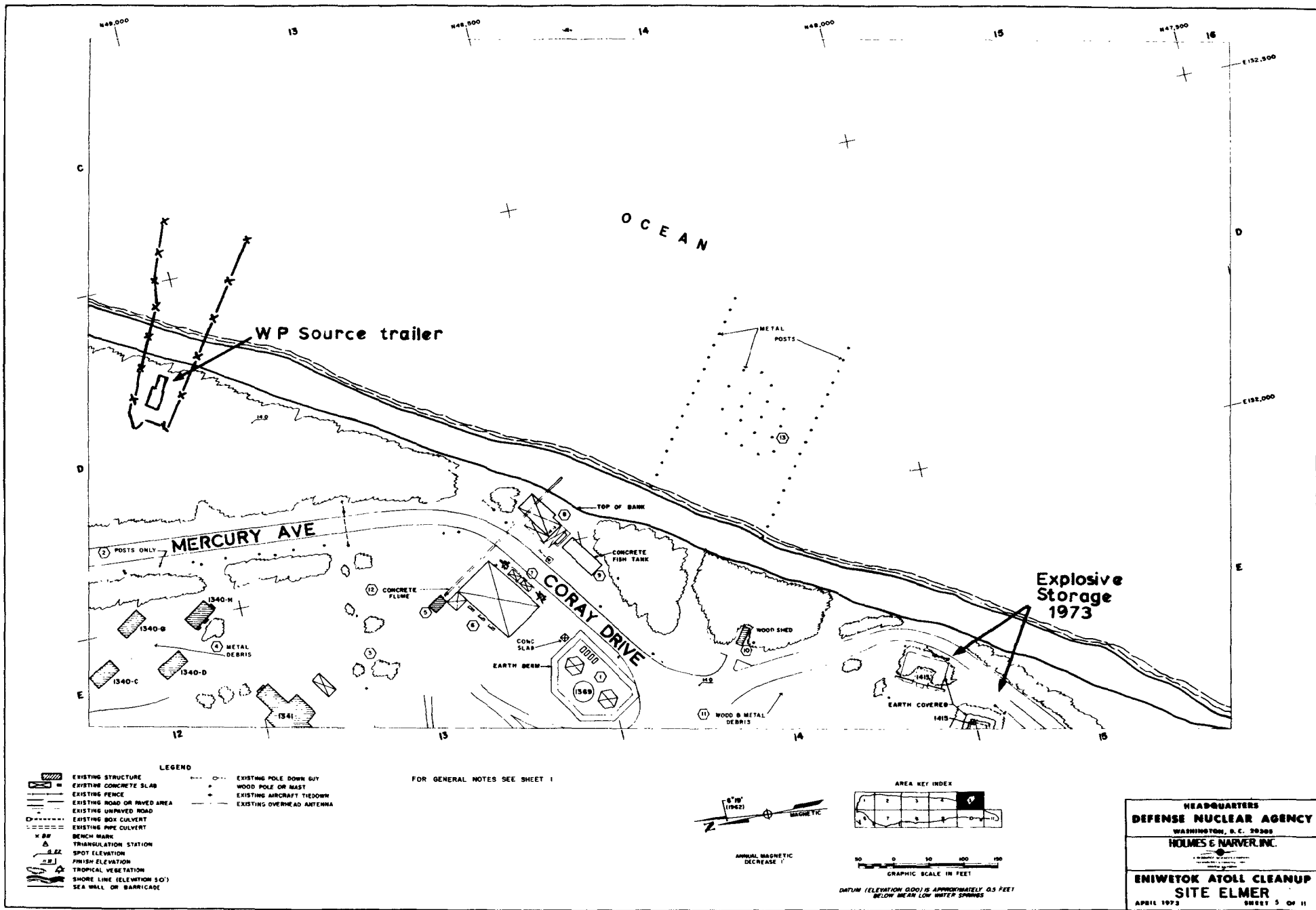
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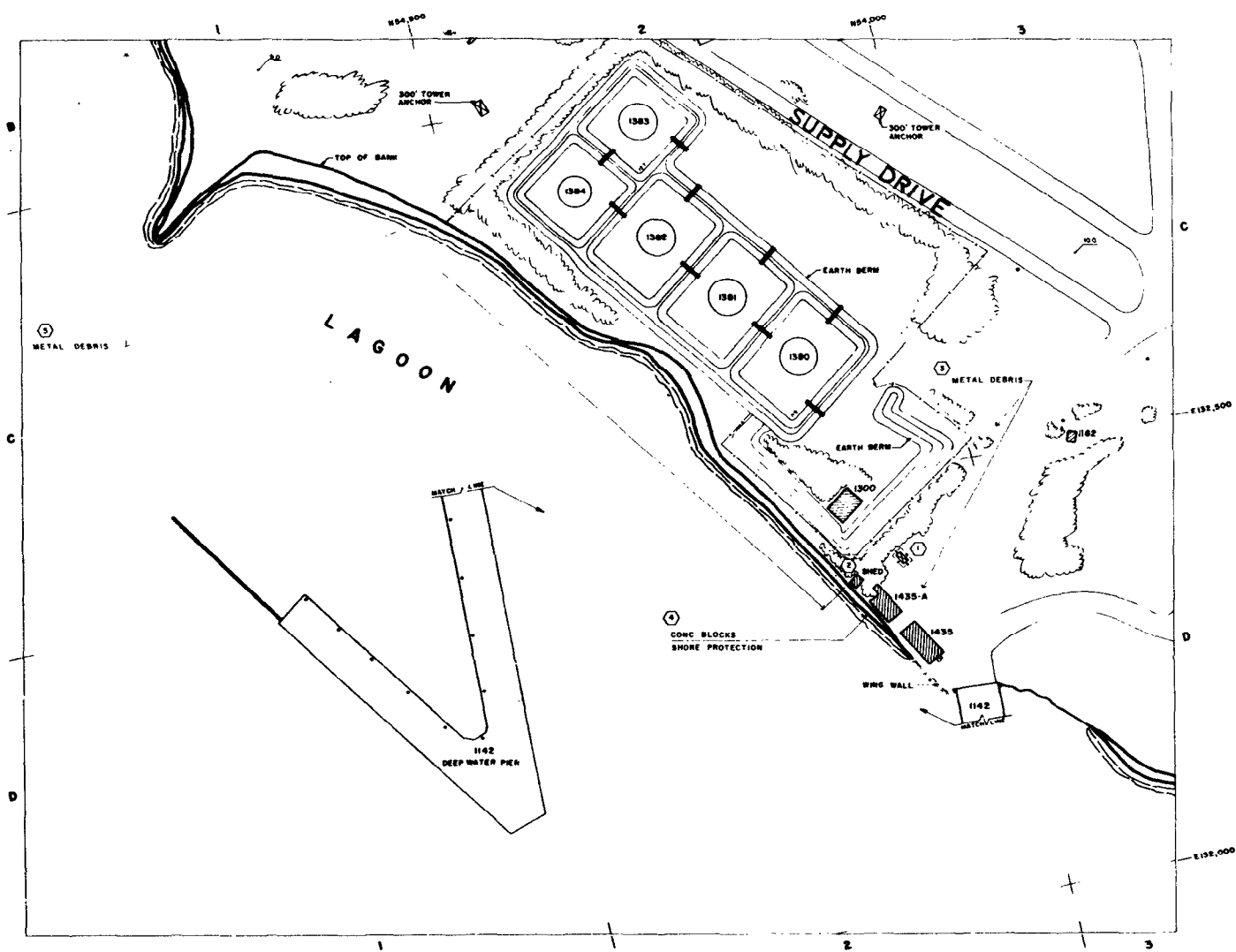
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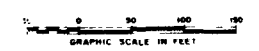
b1

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- LEGEND**
- | | | | |
|--|-----------------------------|--|---------------------------|
| | EXISTING STRUCTURE | | EXISTING POLE DOWN GUY |
| | EXISTING CONCRETE SLAB | | WOOD POLE OR MAST |
| | EXISTING FENCE | | EXISTING AIRCRAFT TIEDOWN |
| | EXISTING ROAD OR PAVED AREA | | EXISTING OVERHEAD ANTENNA |
| | EXISTING IMPROVED ROAD | | |
| | EXISTING BOX CULVERT | | |
| | EXISTING PIPE CULVERT | | |
| | BENCH MARK | | |
| | TRIANGULATION STATION | | |
| | SPOT ELEVATION | | |
| | FRESH ELEVATION | | |
| | TROPICAL VEGETATION | | |
| | SHORE LINE (ELEVATION 5'0") | | |
| | SEA WALL OR BARRICADE | | |

FOR GENERAL NOTES SEE SHEET 1

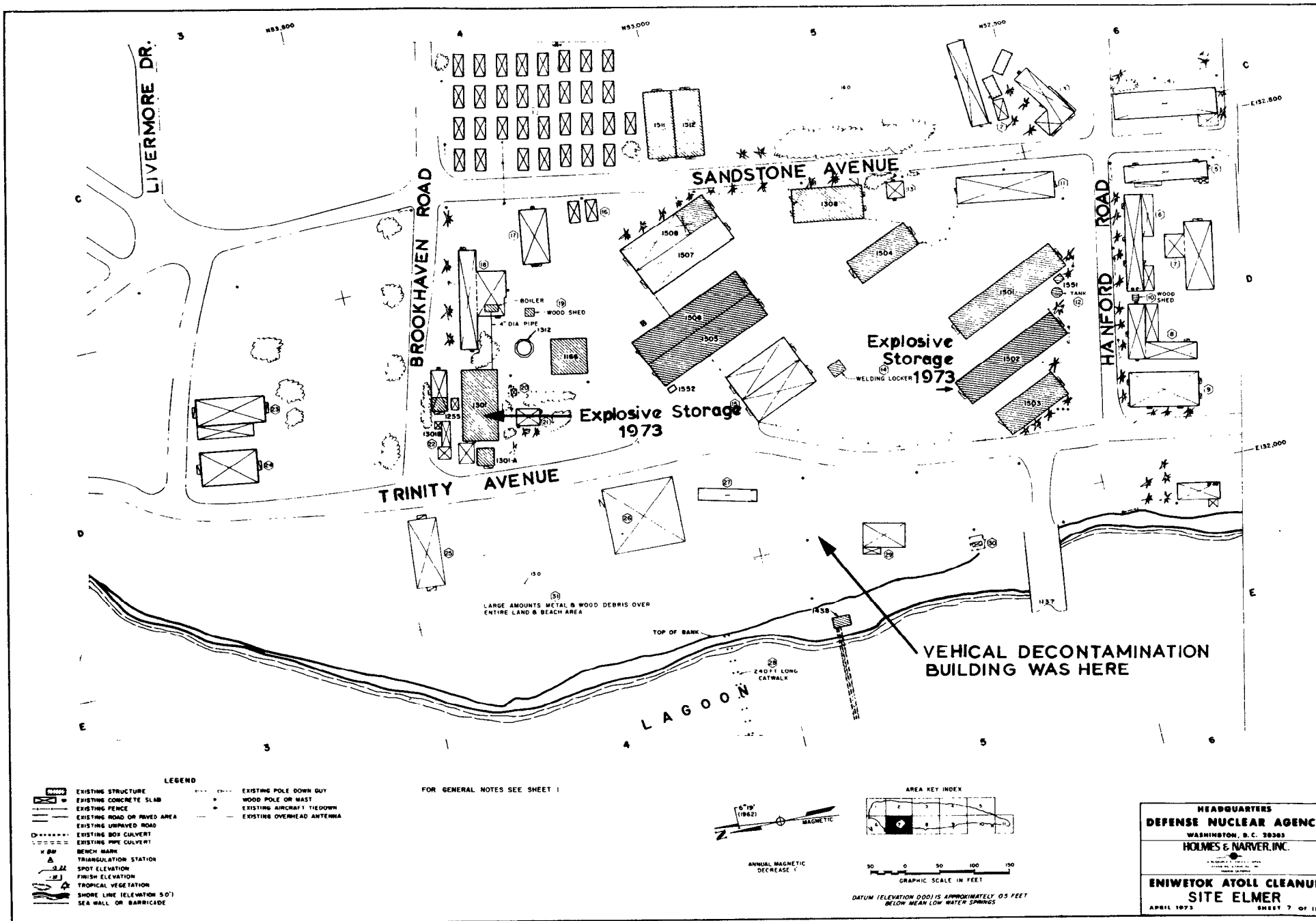


DATUM (ELEVATION 0.00) IS APPROXIMATELY 0.5 FEET BELOW MEAN LOW WATER SPRINGS

HEADQUARTERS
DEFENSE NUCLEAR AGENCY
 WASHINGTON, D.C. 20305
 HOLMES & NARVER, INC.
ENIWETOK ATOLL CLEANUP
SITE ELMER
 APRIL 1973 SHEET 6 OF 11

25

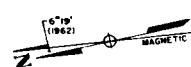
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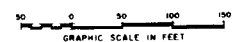
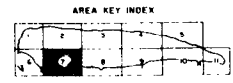
LEGEND

- | | | | |
|--|-----------------------------|--|---------------------------|
| | EXISTING STRUCTURE | | EXISTING POLE DOWN GUY |
| | EXISTING CONCRETE SLAB | | WOOD POLE OR MAST |
| | EXISTING FENCE | | EXISTING AIRCRAFT TIEDOWN |
| | EXISTING ROAD OR PAVED AREA | | EXISTING OVERHEAD ANTENNA |
| | EXISTING UNPAVED ROAD | | |
| | EXISTING BOX CULVERT | | |
| | EXISTING PIPE CULVERT | | |
| | BENCH MARK | | |
| | TRIANGULATION STATION | | |
| | SPOT ELEVATION | | |
| | FINISH ELEVATION | | |
| | TROPICAL VEGETATION | | |
| | SHORE LINE (ELEVATION 5.0') | | |
| | SEA WALL OR BARRICADE | | |

FOR GENERAL NOTES SEE SHEET 1



ANNUAL MAGNETIC DECREASE 1'



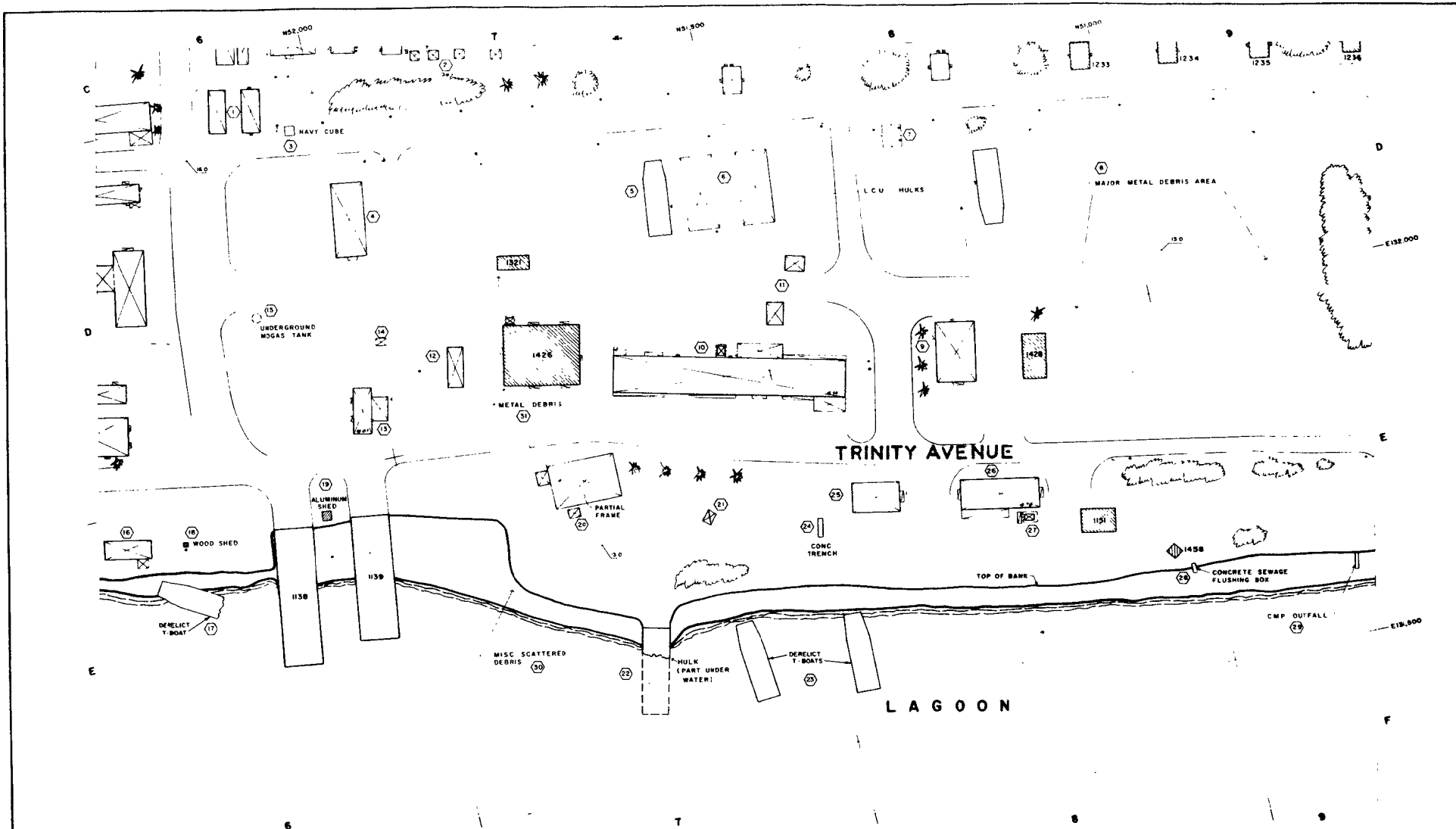
DATUM (ELEVATION 0.00) IS APPROXIMATELY 0.5 FEET BELOW MEAN LOW WATER SPRINGS

HEADQUARTERS
DEFENSE NUCLEAR AGENCY
 WASHINGTON, D. C. 20303
 HOLMES & NARVER, INC.

ENIWEOK ATOLL CLEANUP
SITE ELMER
 APRIL 1973 SHEET 7 OF 11

10

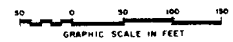
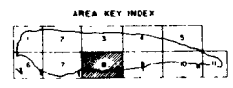
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LEGEND

- EXISTING STRUCTURE
- EXISTING CONCRETE SLAB
- EXISTING FENCE
- EXISTING ROAD OR PAVED AREA
- EXISTING UNPAVED ROAD
- EXISTING BOX CULVERT
- EXISTING PIPE CULVERT
- BENCH MARK
- TRIANGULATION STATION
- SPOT ELEVATION
- FINISH ELEVATION
- TROPICAL VEGETATION
- SHORE LINE (ELEVATION 50)
- SEA WALL OR BARRICADE
- EXISTING POLE DOWN GUY
- WOOD POLE OR MAST
- EXISTING AIRCRAFT TIEDOWN
- EXISTING OVERHEAD ANTENNA

FOR GENERAL NOTES SEE SHEET 1

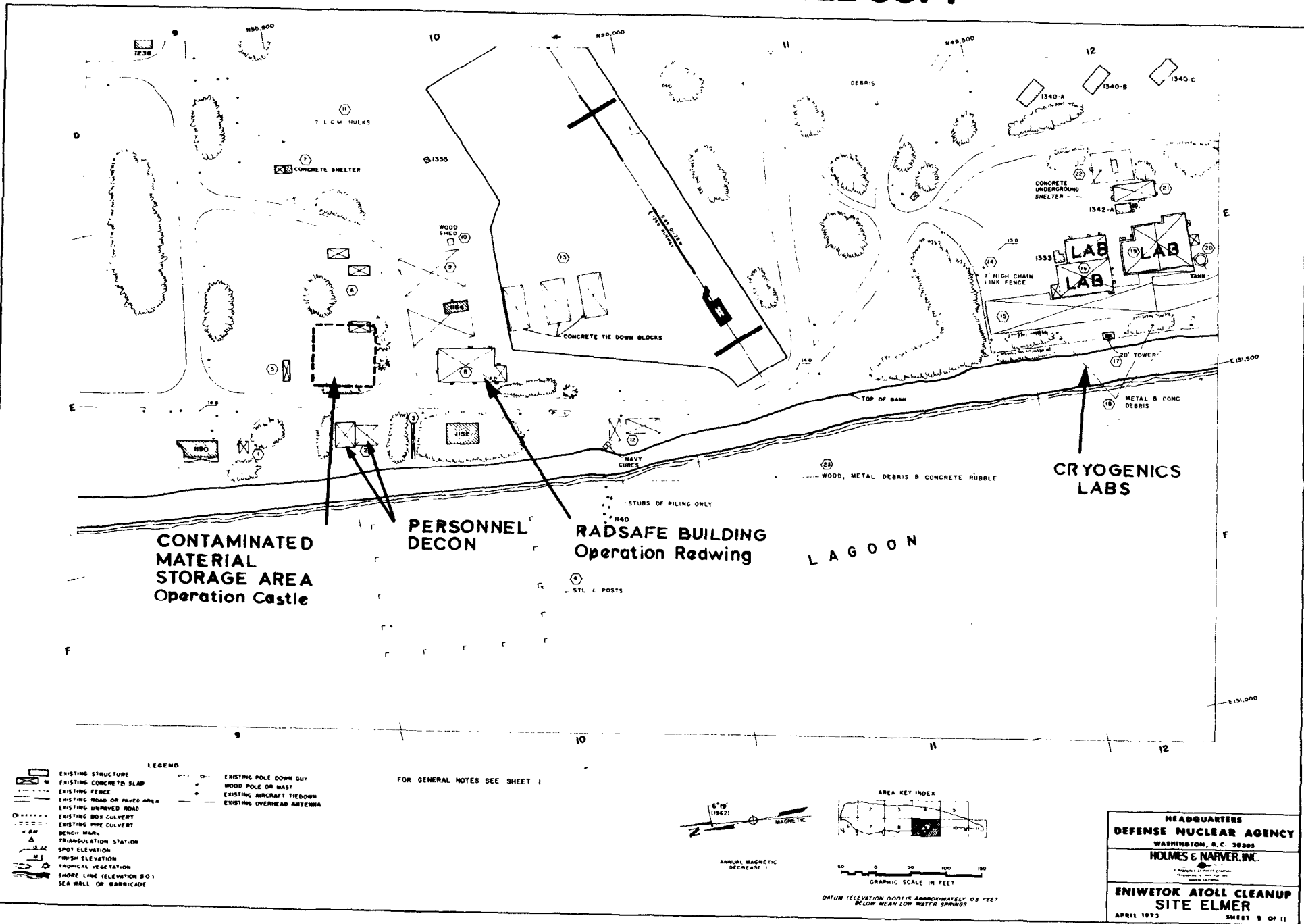


DATUM (ELEVATION 000) IS APPROXIMATELY 0.3 FEET BELOW MEAN LOW WATER SPRINGS

HEADQUARTERS
DEFENSE NUCLEAR AGENCY
 WASHINGTON, D. C. 20305
HOLMES & NARVER, INC.
A COMPANY OF THE HOLDINGS GROUP OF THE HOLDINGS CORPORATION
ENIWETOK ATOLL CLEANUP
SITE ELMER
 APRIL 1973 SHEET 8 OF 11

22

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**CONTAMINATED
MATERIAL
STORAGE AREA**
Operation Castle

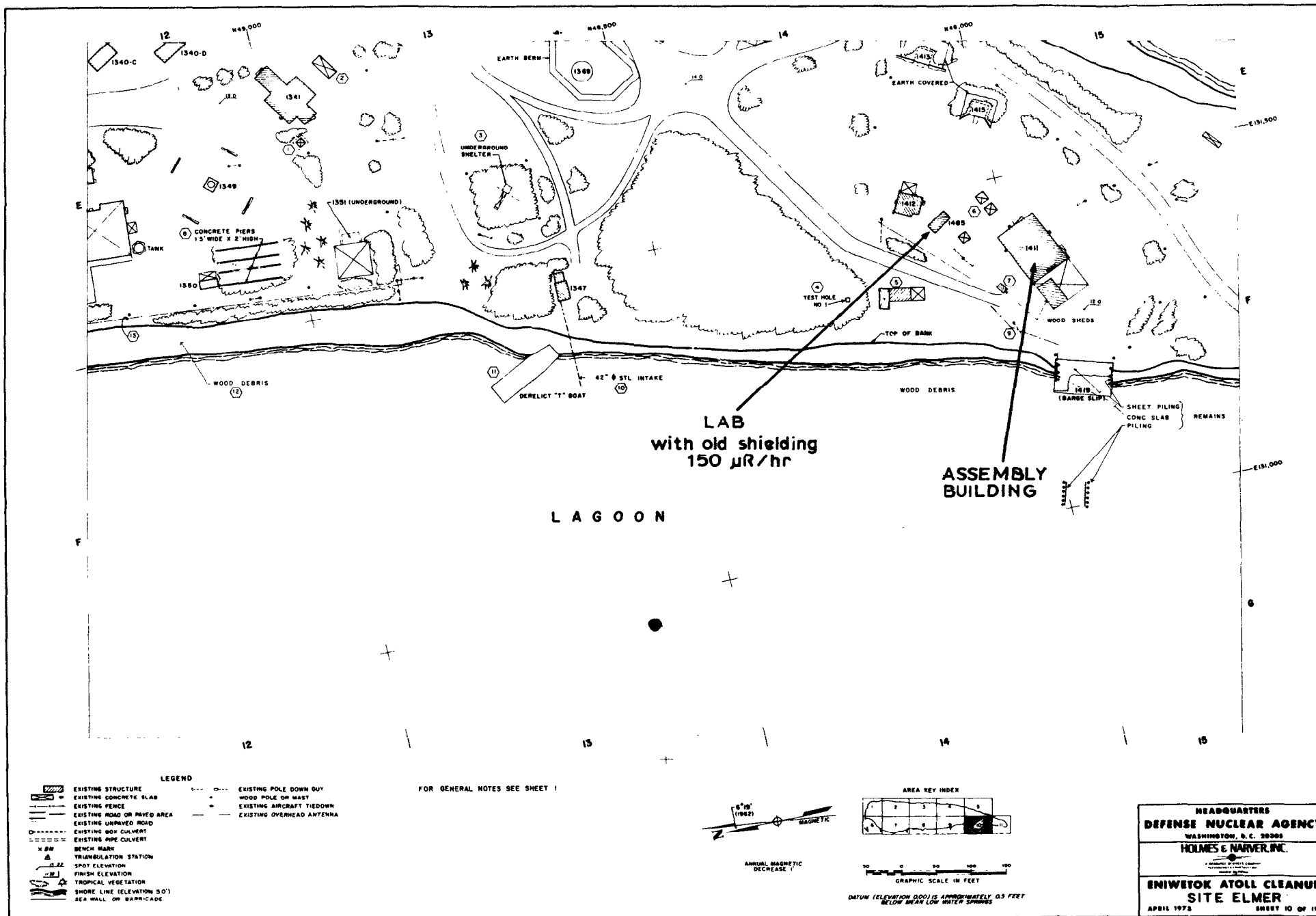
**PERSONNEL
DECON**

RADSAFE BUILDING
Operation Redwing

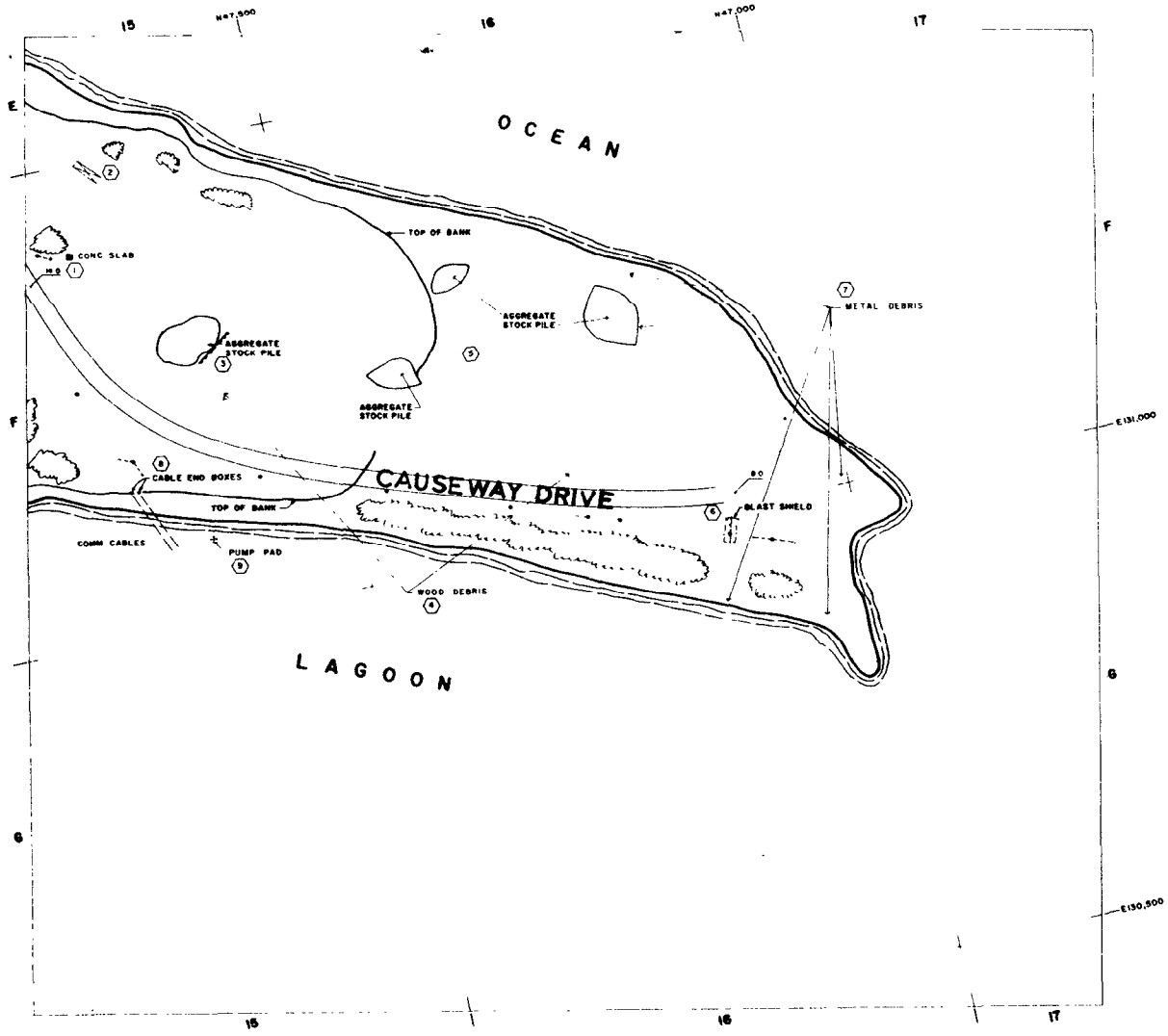
LAGOON

**CRYGENICS
LABS**

23

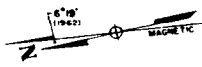


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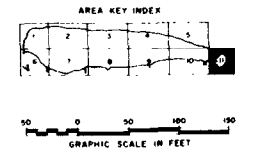


- LEGEND**
- | | | | |
|--|-----------------------------|--|---------------------------|
| | EXISTING STRUCTURE | | EXISTING POLE DOWN GUY |
| | EXISTING CONCRETE SLAB | | WOOD POLE OR MAST |
| | EXISTING FENCE | | EXISTING AIRCRAFT TIEDOWN |
| | EXISTING ROAD OR PAVED AREA | | EXISTING OVERHEAD ANTENNA |
| | EXISTING UNPAVED ROAD | | |
| | EXISTING BOX CULVERT | | |
| | EXISTING PIPE CULVERT | | |
| | BENCH MARK | | |
| | TRIANGULATION STATION | | |
| | SPOT ELEVATION | | |
| | FINISH ELEVATION | | |
| | TROPICAL VEGETATION | | |
| | SHORE LINE (ELEVATION 5.0) | | |
| | SEA WALL OR BARRICADE | | |

FOR GENERAL NOTES SEE SHEET 1



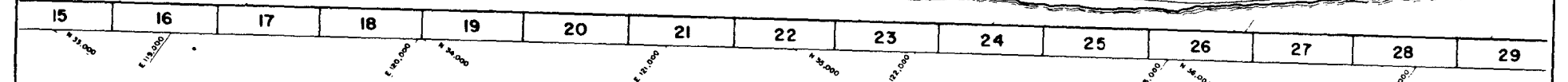
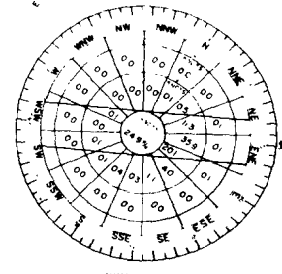
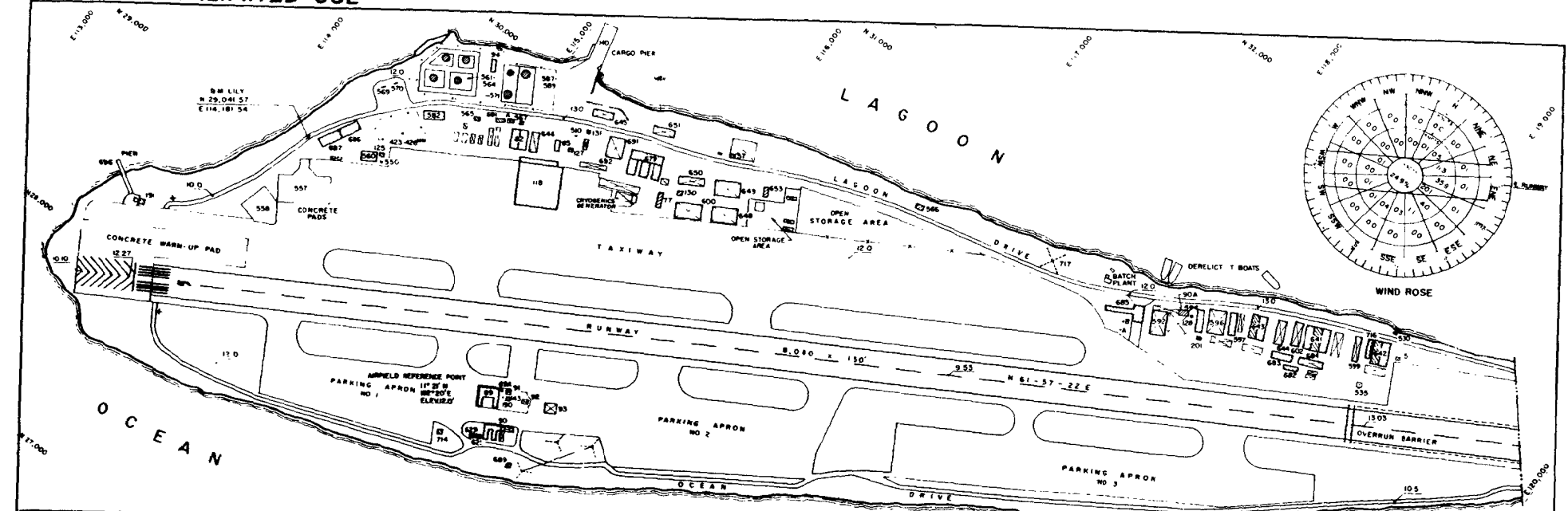
ANNUAL MAGNETIC DECREASE 1'



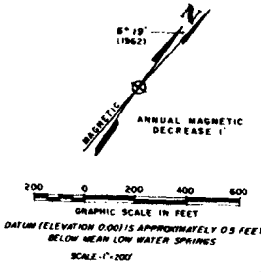
**HEADQUARTERS
DEFENSE NUCLEAR AGENCY**
WASHINGTON, D.C. 20305
HOLMES & NARVER, INC.

**ENIWETOK ATOLL CLEANUP
SITE ELMER**
APRIL 1973 SHEET 11 OF 11

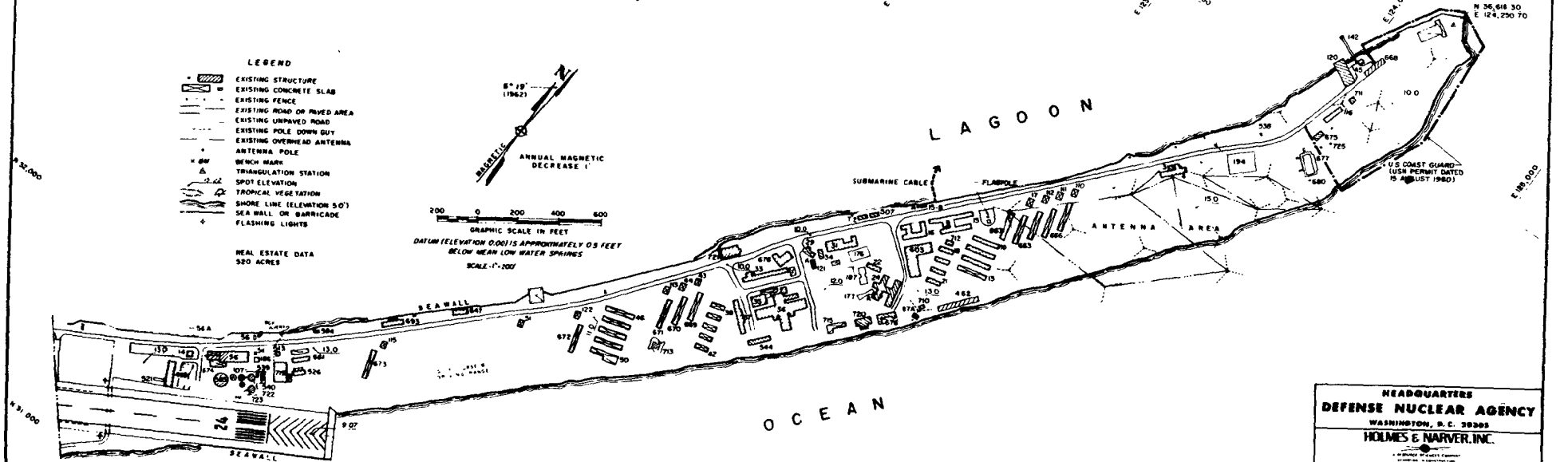
CASE 3: UNLIMITED USE



- LEGEND**
- EXISTING STRUCTURE
 - EXISTING CONCRETE SLAB
 - EXISTING FENCE
 - EXISTING ROAD OR PAVED AREA
 - EXISTING UNPAVED ROAD
 - EXISTING POLE DOWN GUY
 - EXISTING OVERHEAD ANTENNA
 - ANTENNA POLE
 - BENCH MARK
 - TRIANGULATION STATION
 - SPOT ELEVATION
 - TROPICAL VEGETATION
 - SHORE LINE (ELEVATION 50')
 - SEA WALL OR BARRICADE
 - FLASHING LIGHTS



REAL ESTATE DATA
520 ACRES



**HEADQUARTERS
DEFENSE NUCLEAR AGENCY**
WASHINGTON, D. C. 20305
HOLMES & NARVER, INC.

**ENIWETOK ATOLL CLEANUP
PLOT PLAN - SITE FRED**
APRIL 1975
SHEET 1 OF 1

ORIGIN OF PLANE GRID SYSTEM
IS BASED ON CLARKE'S SPHEROID
OF 1866. EXISTING PLANNETRIC
FEATURES AS OF 1 FEB 1963

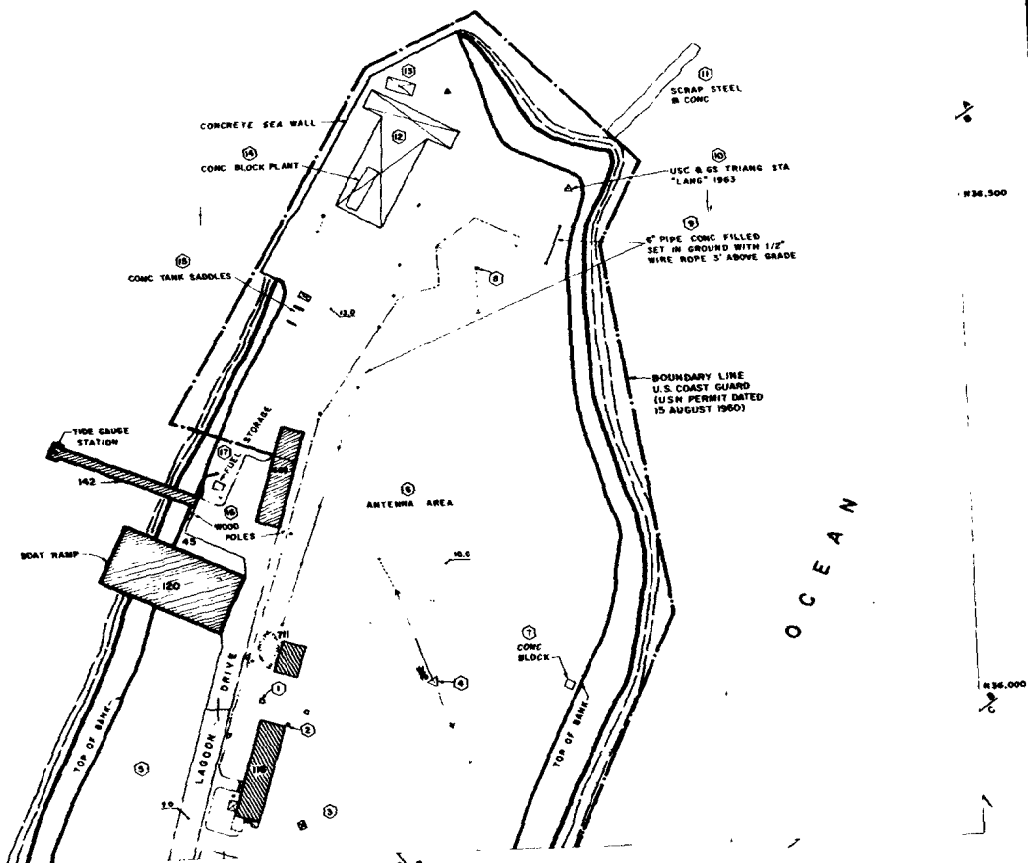
29

E125,000

E125,500

E124,000

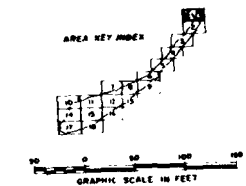
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LEGEND	
	EXISTING STRUCTURE
	EXISTING CONCRETE SLAB
	EXISTING FENCE
	EXISTING ROAD OR PAVED AREA
	EXISTING UNPAVED ROAD
	EXISTING 600 CONCRETE
	EXISTING PIPE CULVERT
	BENCH MARK
	TRIANGULATION STATION
	SPOT ELEVATION
	FINISH ELEVATION
	TROPICAL VEGETATION
	SHORE LINE ELEVATION 30'
	SEA WALL OR BARRICADE
	EXISTING POLE DOWN GUY
	WOOD POLE OR MAST
	EXISTING AIRCRAFT TIEDOWN
	EXISTING OVERHEAD ANTENNA
	EXISTING TO BE UTILIZED IN SUPPORT OF CLEANUP OPERATIONS & 400 MAN CAMP

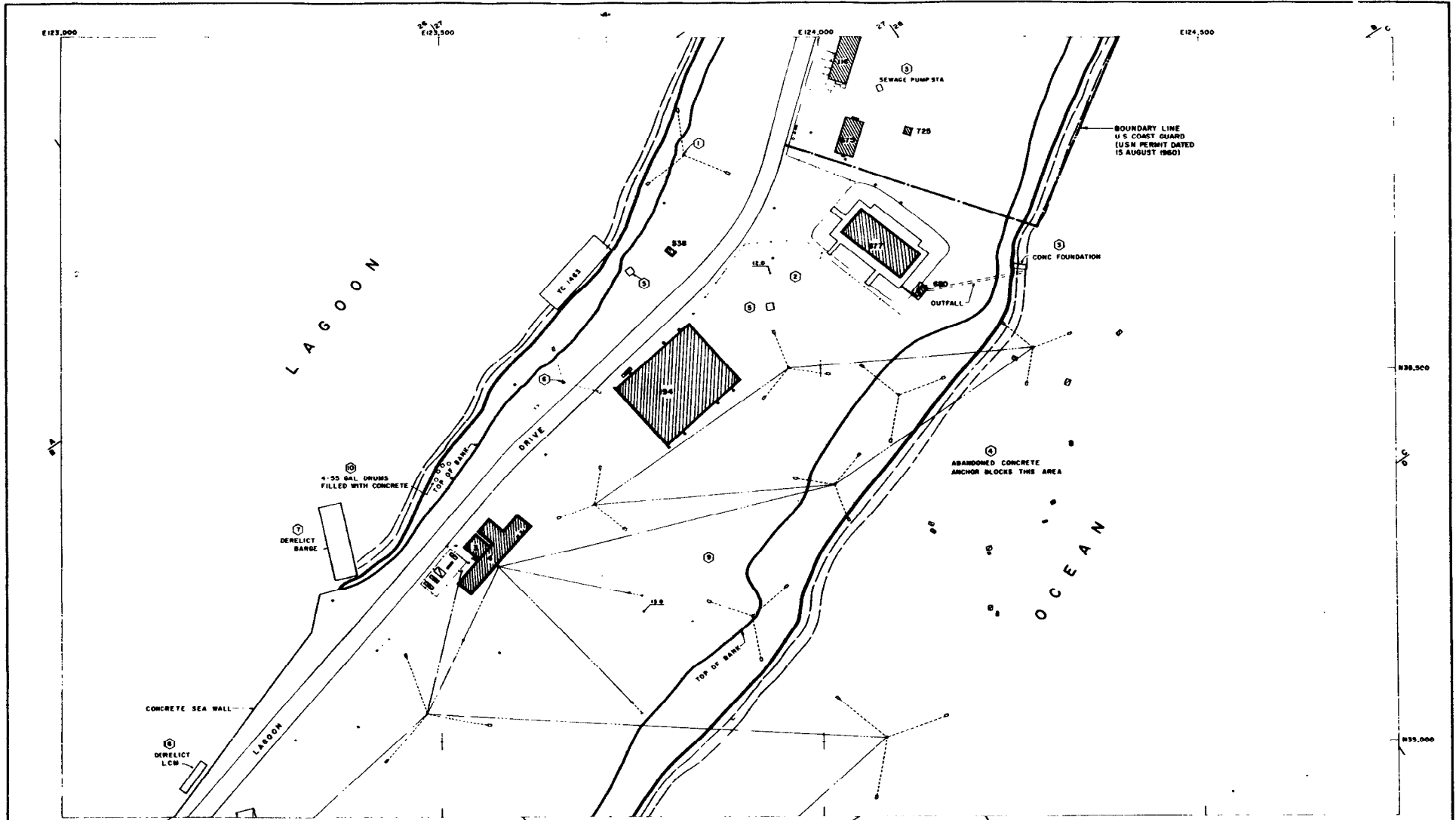
GENERAL NOTES:

- THIS DRAWING IS A REPRODUCTION OF A MASTER PLAN PREPARED BY HOLMES & HARVEY, INC. IN NOVEMBER 1968, FOR THE DEPARTMENT OF THE AIR FORCE. ADDITIONS, DELETIONS AND REVISIONS HAVE BEEN MADE IN ACCORDANCE WITH THE DATA COLLECTED DURING THE DEFENSE NUCLEAR AGENCY CLEANUP SURVEY IN 1972.
- LAGOON (○) SYMBOLS ARE ON MISCELLANEOUS ITEMS SUCH AS SLABS, DEBRIS, ETC. THESE ARE DESCRIBED IN THE CLEANUP PLAN, VOLUME 1, SKETCH 3.2



HEADQUARTERS
DEFENSE NUCLEAR AGENCY
 WASHINGTON, D.C. 20306
HOLMES & HARVEY, INC.
 A FEDERAL RESERVE BANK
 MEMBER OF THE FEDERAL RESERVE SYSTEM
ENIWETOK ATOLL CLEANUP
SITE FRED
 APRIL 1973 SHEET 1 OF 10

30

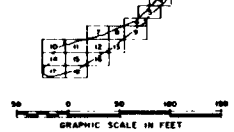


LEGEND

- | | | | |
|--|-----------------------------|--|--|
| | EXISTING STRUCTURE | | EXISTING POLE DOWN GUY |
| | EXISTING CONCRETE SLAB | | WOOD POLE OR MAST |
| | EXISTING FENCE | | EXISTING AIRCRAFT TIEDOWN |
| | EXISTING ROAD OR PAVED AREA | | EXISTING OVERHEAD ANTENNA |
| | EXISTING UNPAVED ROAD | | EXISTING TO BE UTILIZED IN SUPPORT OF CLEANUP OPERATIONS B 400 MAIN CAMP |
| | EXISTING BOX CULVERT | | |
| | EXISTING PIPE CULVERT | | |
| | BENCH MARK | | |
| | TRIANGULATION STATION | | |
| | SPOT ELEVATION | | |
| | FINISH ELEVATION | | |
| | TROPICAL VEGETATION | | |
| | SHORE LINE (ELEVATION 50') | | |
| | SEA WALL OR BARRICADE | | |

FOR GENERAL NOTES SEE SHEET 1

AREA KEY INDEX

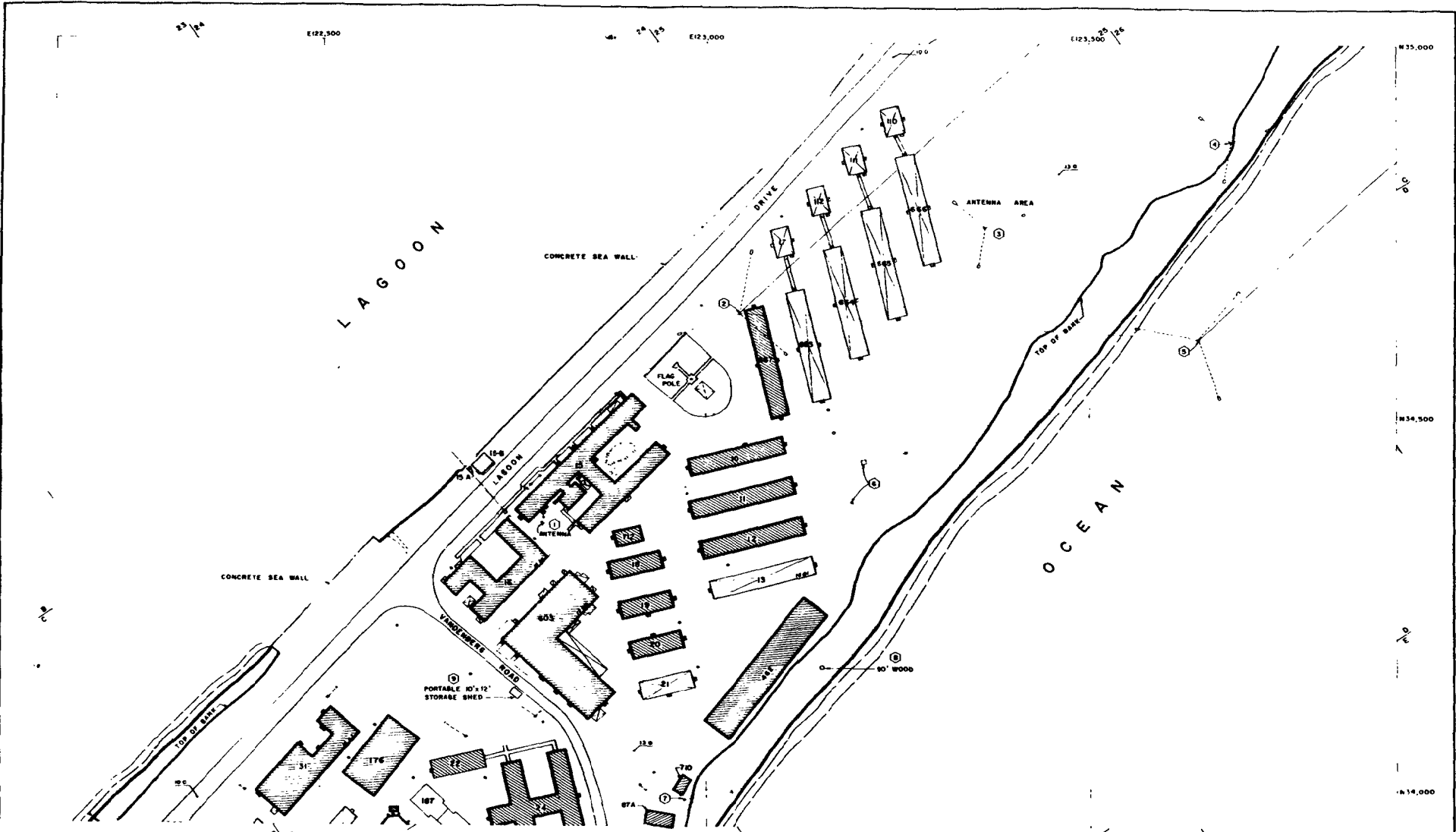


GRAPHIC SCALE IN FEET
 DATUM (ELEVATION 000) IS APPROXIMATELY 0.5 FEET BELOW MEAN LOW WATER SPRINGS



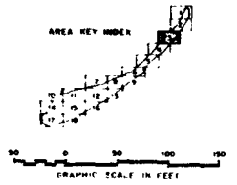
HEADQUARTERS DEFENSE NUCLEAR AGENCY	
WASHINGTON, D. C. 20305	
HOLMES & HARVEY, INC.	
ENIWETOK ATOLL CLEANUP SITE FRED	
APRIL 1973	SHEET 2 OF 18

31



- LEGEND**
- EXISTING STRUCTURE
 - EXISTING CONCRETE SLAB
 - EXISTING FENCE
 - EXISTING ROAD OR PAVED AREA
 - EXISTING UNPAVED ROAD
 - EXISTING BOX CULVERT
 - EXISTING PIPE CULVERT
 - BENCH MARK
 - TRIANGULATION STATION
 - SPOT ELEVATION
 - FINISH ELEVATION
 - TROPICAL VEGETATION
 - SHORE LINE (ELEVATION 5.0)
 - SEA WALL ON BARR LAGOON
 - EXISTING POLE DOWN GUY
 - WOOD POLE OR MAST
 - EXISTING AIRCRAFT TIEDOWN
 - EXISTING OVERHEAD ANTENNA
 - EXISTING TO BE UTILIZED IN SUPPORT OF CLEANUP OPERATIONS & 400 MAN CAMP

FOR GENERAL NOTES SEE SHEET 1

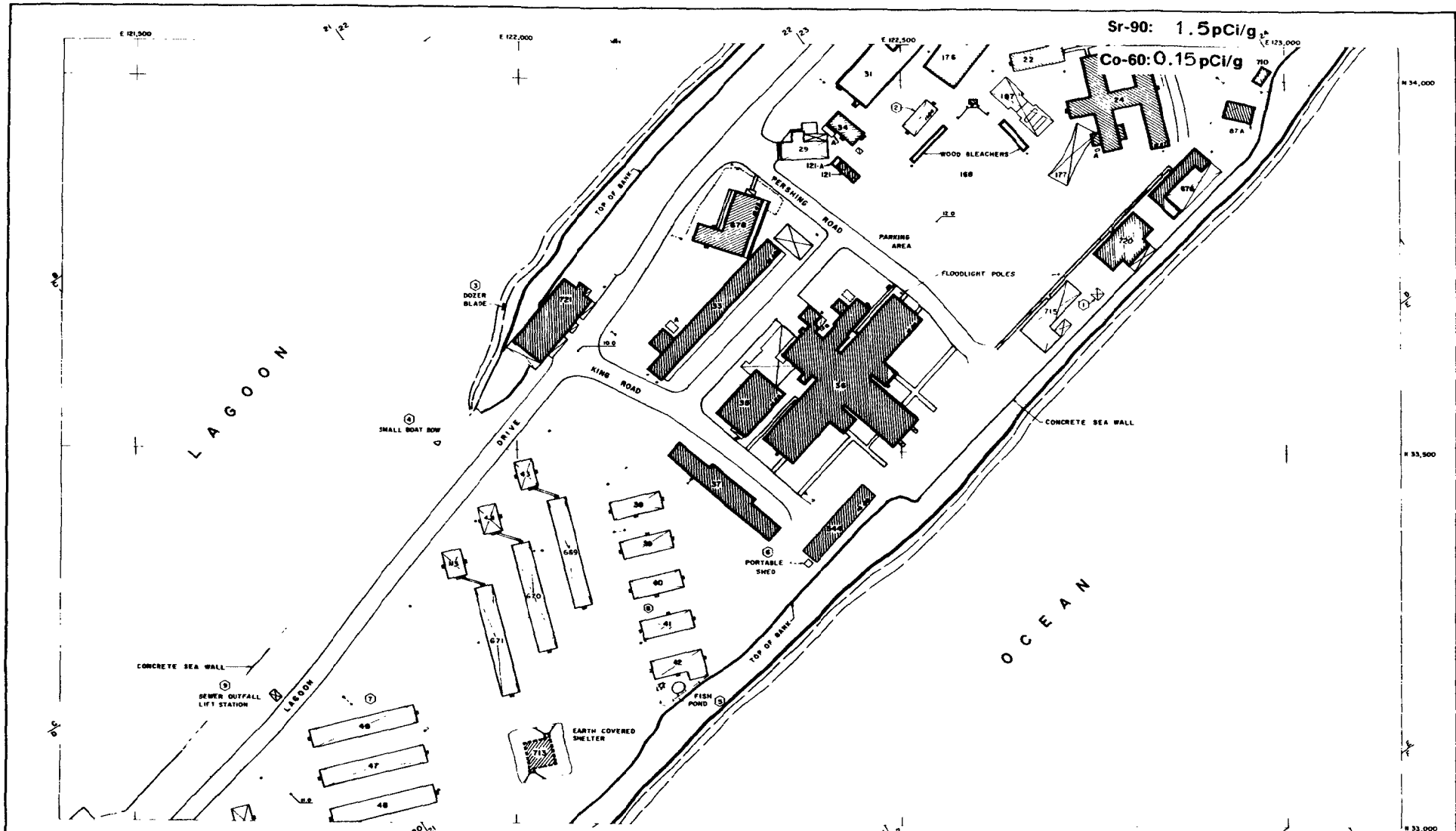


DATUM (ELEVATION 0.00) IS APPROXIMATELY 0.5 FEET BELOW MEAN LOW WATER SPRINGS



HEADQUARTERS
DEFENSE NUCLEAR AGENCY
WASHINGTON, D.C. 20305
HOLMES & NARVER, INC.
ENIWETOK ATOLL CLEANUP
SITE FRED
APRIL 1973 SHEET 3 OF 10

32



Sr-90: 1.5 pCi/g
Co-60: 0.15 pCi/g

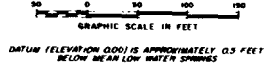
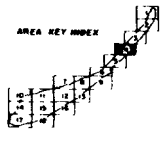
L A G O O N

O C E A N

LEGEND

- EXISTING STRUCTURE
- EXISTING CONCRETE SLAB
- EXISTING FENCE
- EXISTING ROAD OR PAVED AREA
- EXISTING UNPAVED ROAD
- EXISTING BOX CULVERT
- EXISTING PIPE CULVERT
- BENCH MARK
- TRIANGULATION STATION
- SPOT ELEVATION
- FINISH ELEVATION
- TROPICAL VEGETATION
- SHORT LINE ELEVATION SPOT
- SEA WALL OR BARRICADE
- EXISTING POLE DOWN GUY
- WOOD POLE OR MAST
- EXISTING AIRCRAFT TIE-DOWN
- EXISTING OVERHEAD ANTENNA
- EXISTING TO BE UTILIZED IN SUPPORT OF CLEANUP OPERATIONS & 400 MAN CAMP

FOR GENERAL NOTES SEE SHEET 1

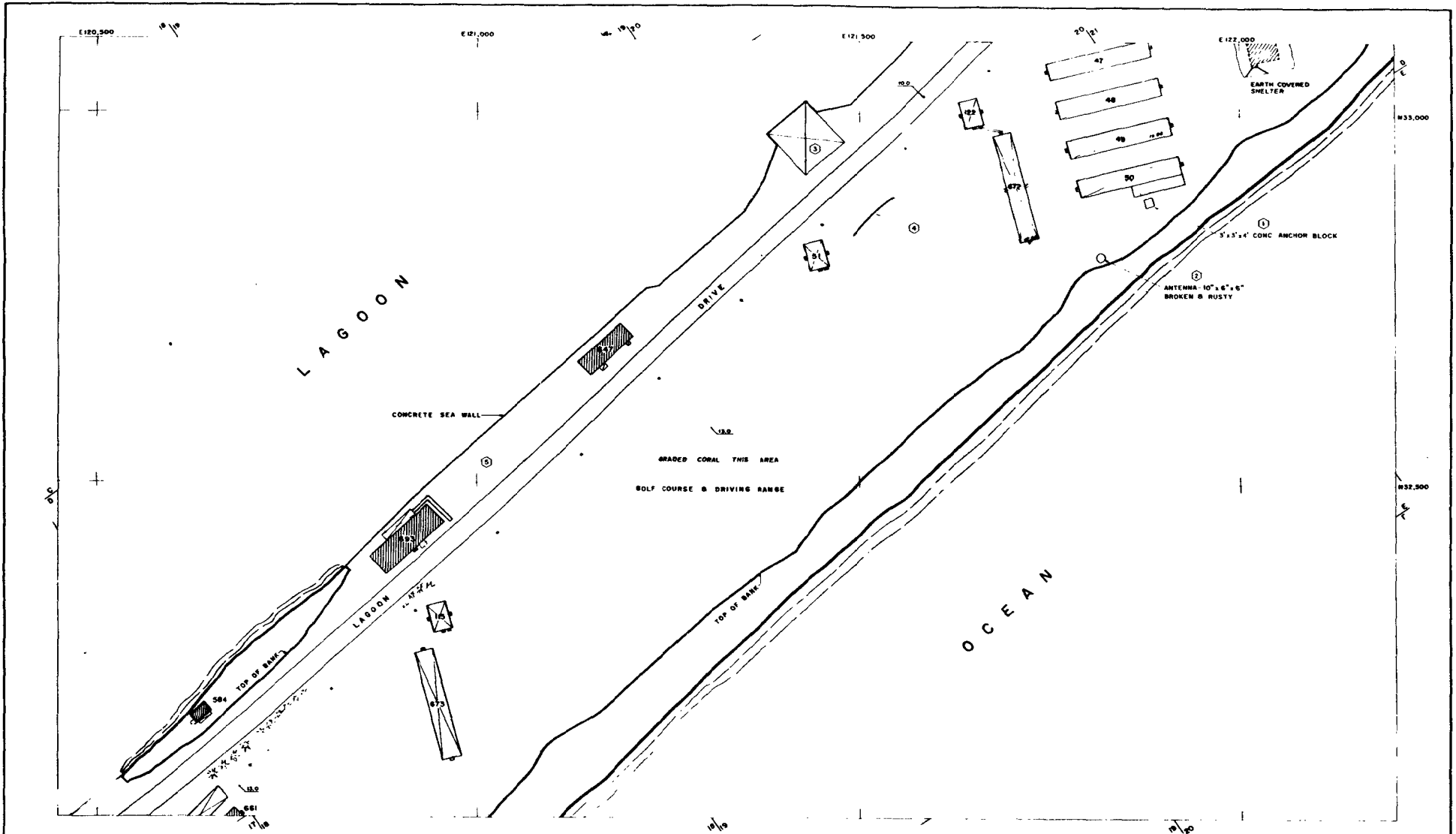


DATUM (ELEVATION 0.00) IS APPROXIMATELY 0.5 FEET BELOW MEAN LOW WATER SPRINGS



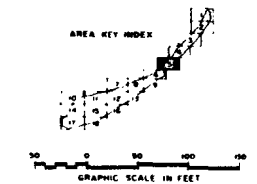
HEADQUARTERS DEFENSE NUCLEAR AGENCY WASHINGTON, D.C. 20305 HOLMES & NARVER, INC.
ENIWETOK ATOLL CLEANUP SITE FRED APRIL 1973
SHEET 4 OF 10

33



- LEGEND**
- | | | | |
|--|-----------------------------|--|---|
| | EXISTING STRUCTURE | | EXISTING POLE DOWN GUY |
| | EXISTING CONCRETE SLAB | | WOOD POLE OR MAST |
| | EXISTING FENCE | | EXISTING AIRCRAFT TIEDOWN |
| | EXISTING ROAD OR PAVED AREA | | EXISTING OVERHEAD ANTENNA |
| | EXISTING UNPAVED ROAD | | EXISTING TO BE UTILIZED IN SUPPORT OF CLEANUP OPERATIONS & 400 MAN CAMP |
| | EXISTING BOX CULVERT | | |
| | EXISTING PIPE CULVERT | | |
| | BENCH MARK | | |
| | TRANSULATION STATION | | |
| | SPOT ELEVATION | | |
| | FINISH ELEVATION | | |
| | TROPICAL VEGETATION | | |
| | SHORE LINE (ELEVATION 5.0') | | |
| | SEA WALL OR BARRICADE | | |

FOR GENERAL NOTES SEE SHEET 1



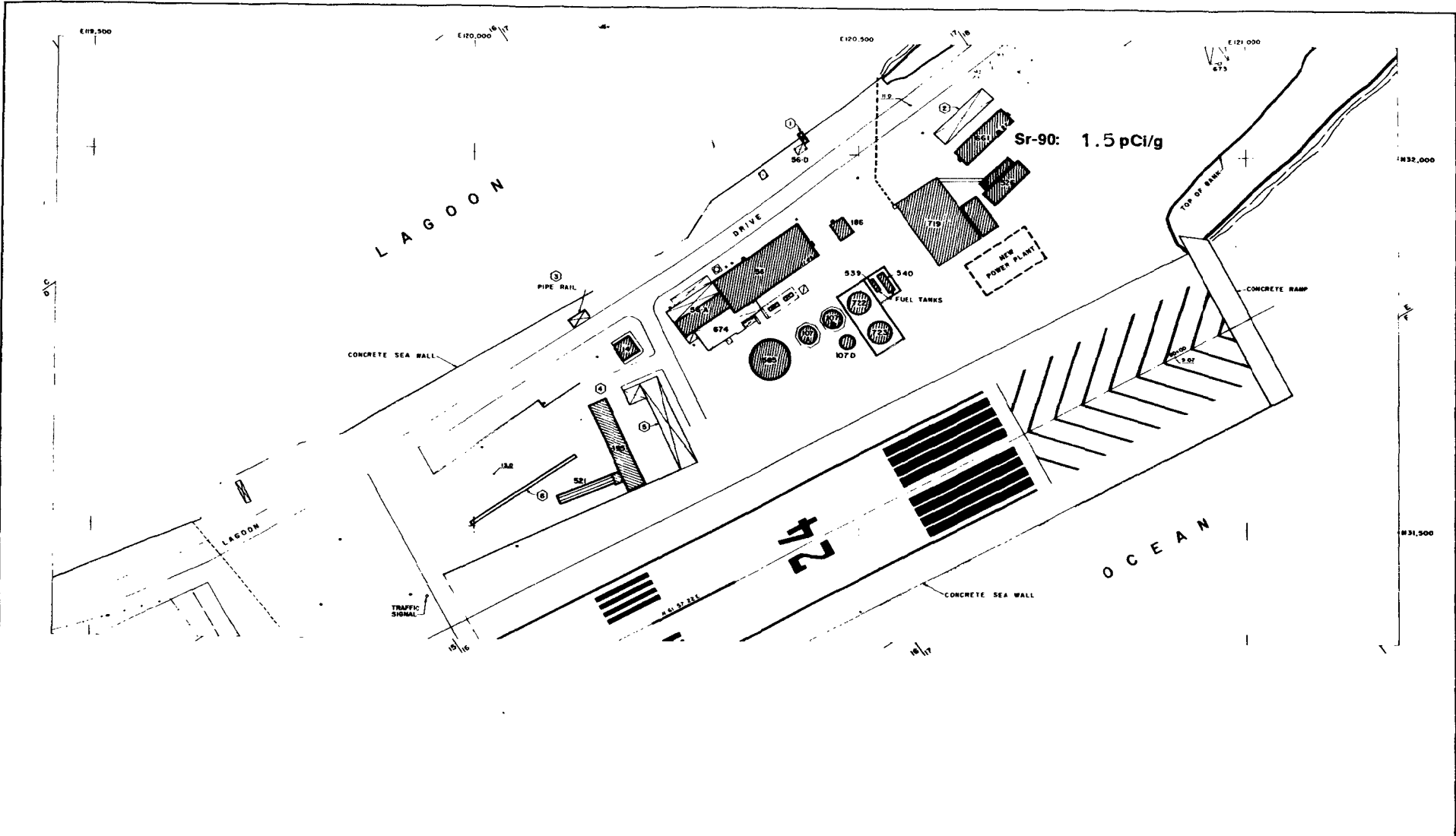
DATUM (ELEVATION 000') IS APPROXIMATELY .05 FEET BELOW MEAN LOW WATER SPRINGS



ANNUAL MAGNETIC DECREASE 1'

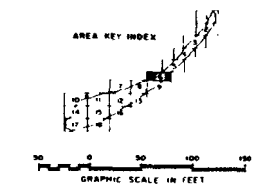
<p>HEADQUARTERS DEFENSE NUCLEAR AGENCY WASHINGTON, D. C. 20303 HOLMES & NARVER, INC. <small>1000 ...</small></p>
<p>ENIWETOK ATOLL CLEANUP SITE FRED APRIL 1973</p>
<p>SHEET 5 OF 10</p>

34

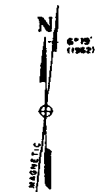


- LEGEND**
- | | | | |
|--|-----------------------------|--|---|
| | EXISTING STRUCTURE | | EXISTING POLE DOWN GUY |
| | EXISTING CONCRETE SLAB | | WOOD POLE OR MAST |
| | EXISTING FENCE | | EXISTING AIRCRAFT TIEDOWN |
| | EXISTING ROAD OR PAVED AREA | | EXISTING OVERHEAD ANTENNA |
| | EXISTING UNPAVED ROAD | | EXISTING TO BE UTILIZED IN SUPPORT OF CLEANUP OPERATIONS B 400 MAN CAMP |
| | EXISTING BOX CULVERT | | |
| | EXISTING PIPE CULVERT | | |
| | BENCH MARK | | |
| | TRIANGULATION STATION | | |
| | SPOT ELEVATION | | |
| | FINISH ELEVATION | | |
| | TROPICAL VEGETATION | | |
| | SHORE LINE (ELEVATION 5'0") | | |
| | SEA WALL OR BARRICADE | | |

FOR GENERAL NOTES SEE SHEET 1



DATUM (ELEVATION 000) IS APPROXIMATELY 0.5 FEET BELOW MEAN LOW WATER SPINDLES



<p>HEADQUARTERS DEFENSE NUCLEAR AGENCY WASHINGTON, D. C. 20302 HOLMES & NARVER, INC.</p>
<p>ENIWETOK ATOLL CLEANUP SITE FRED</p>
<p>APRIL 1973 SHEET 6 OF 10</p>

35

0/16 1/16 1/16
 10/16 1/16 1/16
 10/16 1/16 1/16

L A G O O N

DERELICT BOATS & SCRAP METAL THIS AREA
 SEE AREA PHOTO FOR LOCATION OF MAJOR PIECES

DERELICT BOAT

DERELICT BOATS

1031,000

1030,500

TOP OF BANK

L A G O O N

TAXIWAY

CABLE BARRICADE

DRIVE

RAMP

RAMP

386

378

30A

297

298

299

293

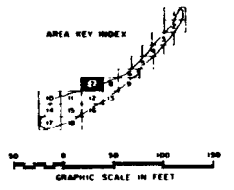
392

300

201

- LEGEND**
- EXISTING STRUCTURE
 - EXISTING CONCRETE SLAB
 - EXISTING FENCE
 - EXISTING ROAD OR PAVED AREA
 - EXISTING UNPAVED ROAD
 - EXISTING BOX CULVERT
 - EXISTING PIPE CULVERT
 - BENCH MARK
 - TRANSMISSION STATION
 - SPOT ELEVATION
 - FINISH ELEVATION
 - TROPICAL VEGETATION
 - SHORE LINE (ELEVATION 5.0')
 - SEA WALL OR BARRICADE
 - EXISTING POLE DOWN BUY
 - WOOD POLE OR MAST
 - EXISTING AIRCRAFT TIE-DOWN
 - EXISTING OVERHEAD ANTENNA
 - EXISTING TO BE UTILIZED IN SUPPORT OF CLEANUP OPERATIONS @ 400 MAN CAMP

FOR GENERAL NOTES SEE SHEET 1

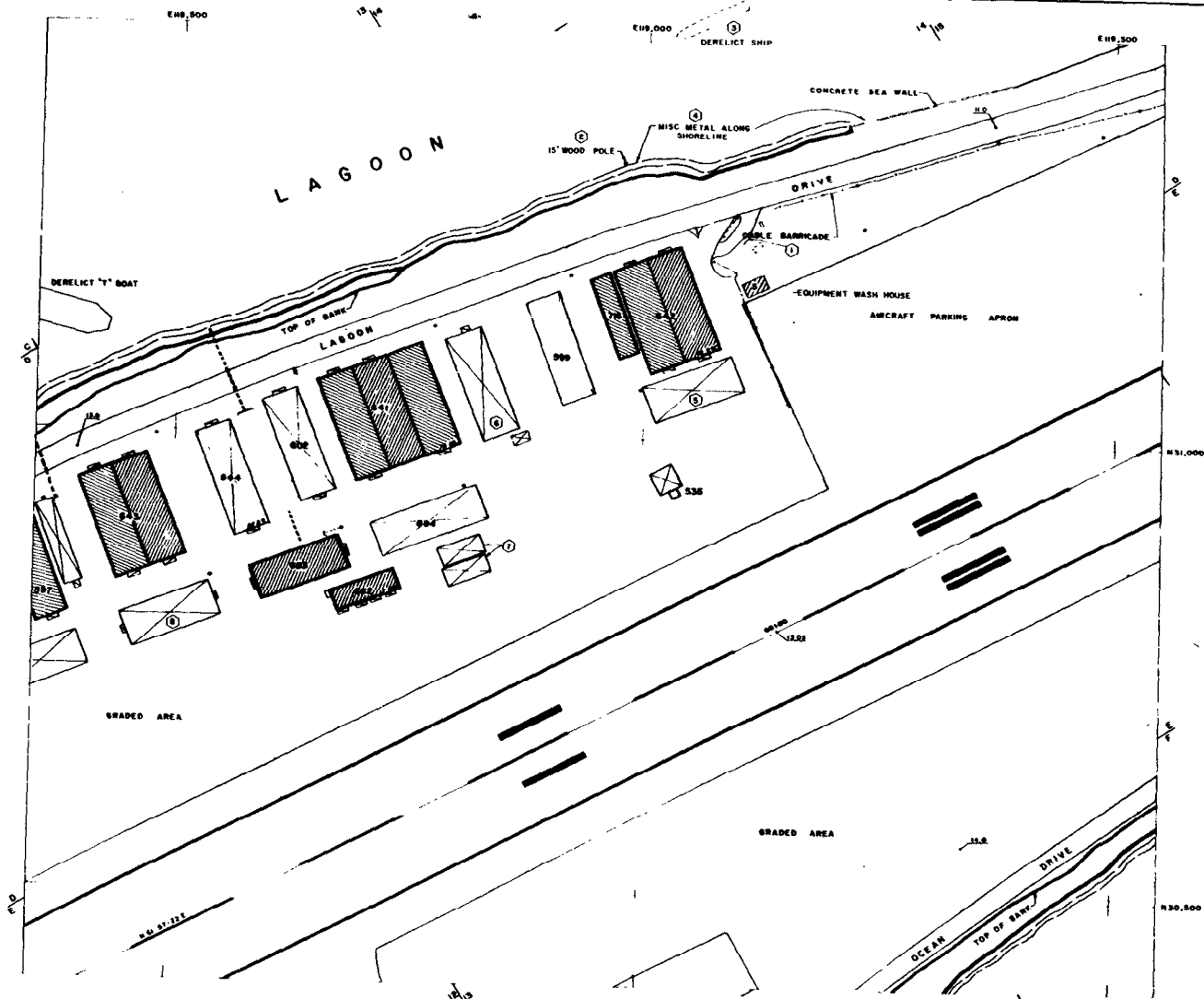


DATUM (ELEVATION 000) IS APPROXIMATELY 0.5 FEET BELOW MEAN LOW WATER SPRINGS

ANNUAL MAGNETIC DECREASE 1'

HEADQUARTERS
DEFENSE NUCLEAR AGENCY
 WASHINGTON, D. C. 20305
HOLMES & Narver, INC.
 ENIWETOK ATOLL CLEANUP
SITE FRED
 APRIL 1973 SHEET 7 OF 18

57

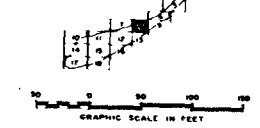


LEGEND

- | | | | |
|--|------------------------------|--|---|
| | EXISTING STRUCTURE | | EXISTING POLE DOWN GUY |
| | EXISTING CONCRETE SLAB | | WOOD POLE OR MAST |
| | EXISTING FENCE | | EXISTING AIRCRAFT TIEDOWN |
| | EXISTING ROAD OR PAVED AREA | | EXISTING OVERHEAD ANTENNA |
| | EXISTING UNPAVED ROAD | | EXISTING TO BE UTILIZED IN SUPPORT OF CLEANUP OPERATIONS & 400 MAN CAMP |
| | EXISTING BOX CULVERT | | |
| | EXISTING PIPE CULVERT | | |
| | BENCH MARK | | |
| | TRIANGULATION STATION | | |
| | SPOT ELEVATION | | |
| | FINISH ELEVATION | | |
| | TROPICAL VEGETATION | | |
| | SHORE LINE (ELEVATION 5'0'') | | |
| | SEA WALL OR BARRICADE | | |

FOR GENERAL NOTES SEE SHEET 1

AREA KEY INDEX

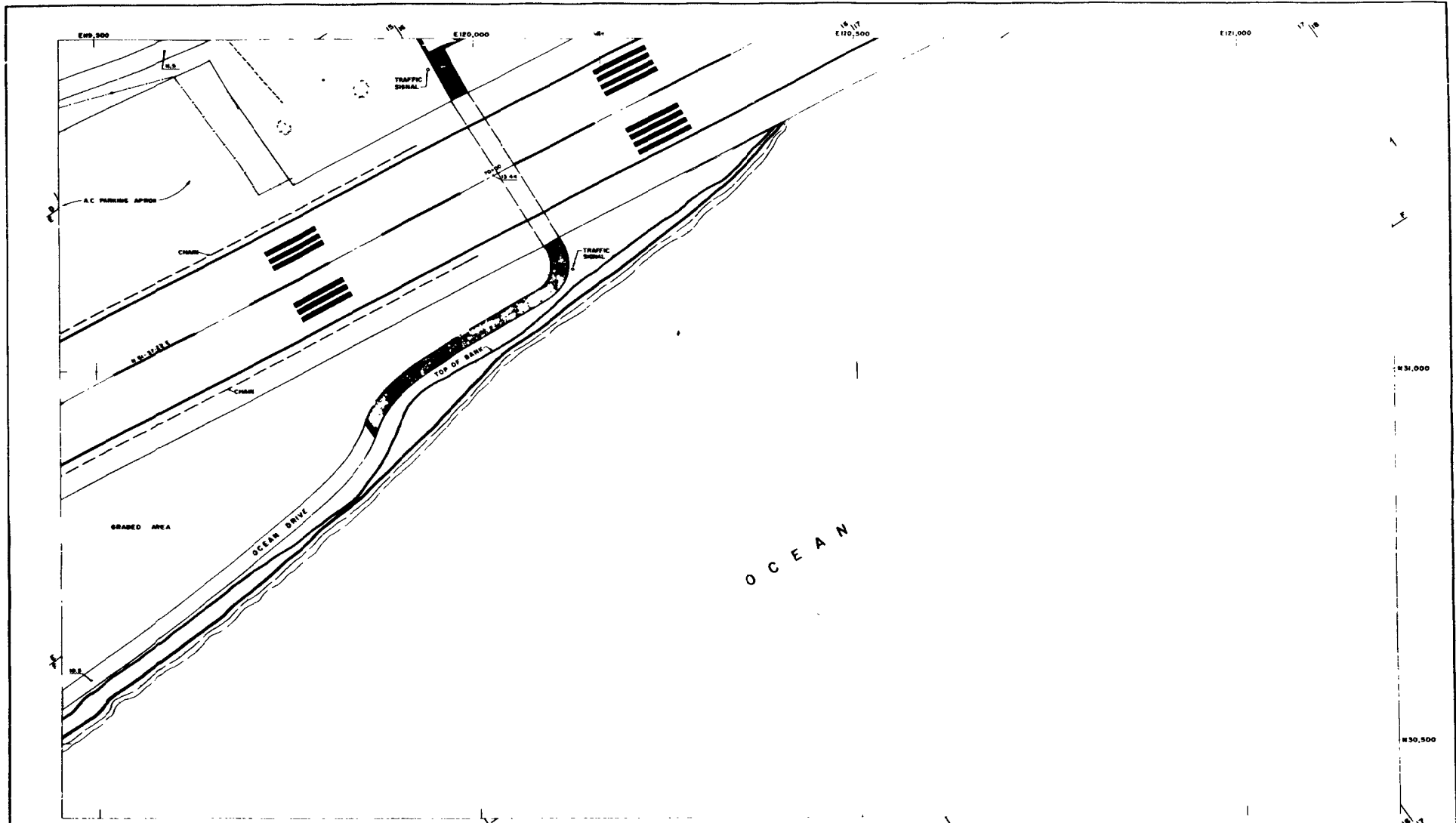


DATUM (ELEVATION 0.00) IS APPROXIMATELY 0.5 FEET BELOW MEAN LOW WATER SPRINGS



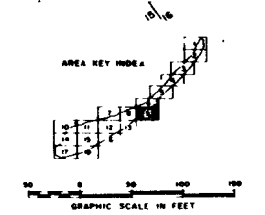
HEADQUARTERS DEFENSE NUCLEAR AGENCY WASHINGTON, D. C. 20305 HOLMES & NARVER, INC.
ENIWETOK ATOLL CLEANUP SITE FRED
APRIL 1973 SHEET 2 OF 10

(37)



- LEGEND**
- | | | | |
|--|-----------------------------|--|---|
| | EXISTING STRUCTURE | | EXISTING POLE DOWN ONLY |
| | EXISTING CONCRETE SLAB | | WOOD POLE OR MAST |
| | EXISTING FENCE | | EXISTING AIRCRAFT THRESHOLD |
| | EXISTING ROAD OR PAVED AREA | | EXISTING OVERHEAD ANTENNA |
| | EXISTING UNPAVED ROAD | | EXISTING TO BE UTILIZED IN SUPPORT OF CLEANUP OPERATIONS & 400 MAN CAMP |
| | EXISTING SIDE CULVERT | | |
| | EXISTING PIPE CULVERT | | |
| | BENCH MARK | | |
| | TRIANGULATION STATION | | |
| | SPOT ELEVATION | | |
| | TROPICAL VEGETATION | | |
| | SHORE LINE (ELEVATION 50') | | |
| | SEA WALL OR BARRICADE | | |

FOR GENERAL NOTES SEE SHEET 1

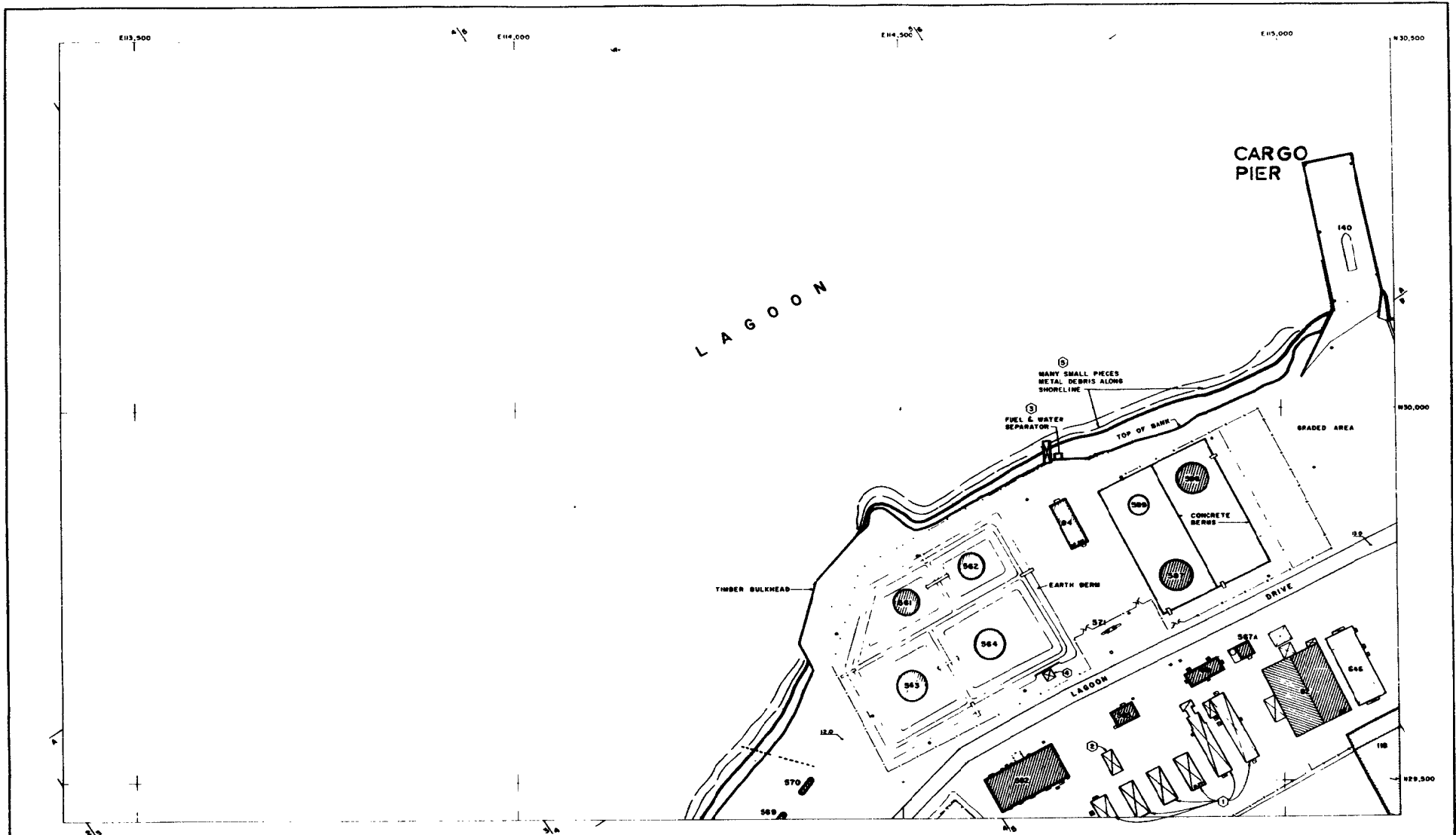


DATUM (ELEVATION 000) IS APPROXIMATELY 0.5 FEET BELOW MEAN LOW WATER SPRING



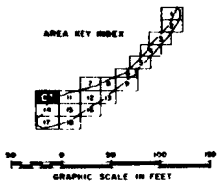
HEADQUARTERS DEFENSE NUCLEAR AGENCY WASHINGTON, D.C. 20305 HOLMES & NARVER, INC.	
ENIWETOK ATOLL CLEANUP SITE FRED APRIL 1973	
SHEET 5	OF 10

36



- LEGEND**
- | | | | |
|--|-------------------------------|--|--|
| | EXISTING STRUCTURE | | EXISTING POLE DOWN GUY |
| | EXISTING CONCRETE SLAB | | WOOD POLE OR MAST |
| | EXISTING FENCE | | EXISTING AIRCRAFT TIEDOWN |
| | EXISTING ROAD OR PAVED AREA | | EXISTING OVERHEAD ANTENNA |
| | EXISTING UNPAVED ROAD | | EXISTING TO BE UTILIZED IN SUPPORT OF CLEANUP OPERATIONS IN 400 MAN CAMP |
| | EXISTING BOX CULVERT | | |
| | EXISTING PIPE CULVERT | | |
| | BENCH MARK | | |
| | TRIANGULATION STATION | | |
| | SPOT ELEVATION | | |
| | FINISH ELEVATION | | |
| | TROPICAL VEGETATION | | |
| | SHORE LINE (ELEVATION 1' 0'') | | |
| | SEA WALL OR BARRICADE | | |

FOR GENERAL NOTES SEE SHEET 1



DATUM (ELEVATION 000) IS APPROXIMATELY 0.3 FEET BELOW MEAN LOW WATER SPRINGS

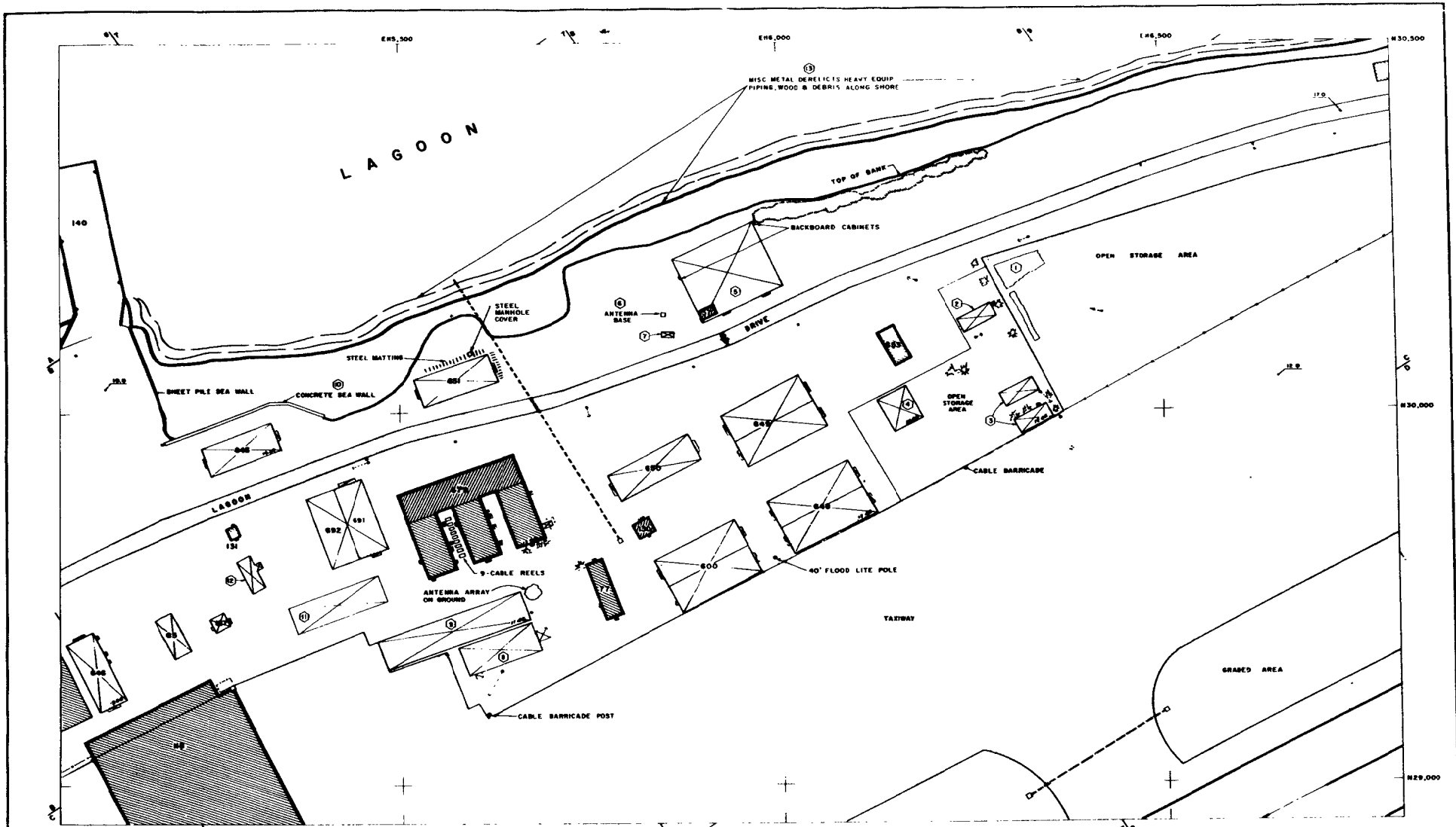


ANNUAL MAGNETIC DECREASE 1'

HEADQUARTERS
DEFENSE NUCLEAR AGENCY
 WASHINGTON, D. C. 20305
HOLMES & HARNER, INC.

ENIWETOK ATOLL CLEANUP
SITE FRED
 APRIL 1973 SHEET 10 OF 10

39



MISC METAL DERELICTS HEAVY EQUIP
 PIPING, WOOD & DEBRIS ALONG SHORE

TOP OF BANK

BACKBOARD CABINETS

OPEN STORAGE AREA

STEEL MATTING

STEEL MATTING

SHEET PILE SEA WALL

CONCRETE SEA WALL

ANTENNA BASE

DRIVE

CABLE BARRICADE

ANTENNA ARRAY ON GROUND

9-CABLE REELS

40' FLOOD LITE POLE

TAXIWAY

CABLE BARRICADE POST

GRADED AREA

LEGEND

- EXISTING STRUCTURE
- EXISTING CONCRETE SLAB
- EXISTING FENCE
- EXISTING ROAD OR PAVED AREA
- EXISTING UNPAVED ROAD
- EXISTING BOX CULVERT
- EXISTING PIPE CULVERT
- BENCH MARK
- TRIANGULATION STATION
- SPOT ELEVATION
- FINISH ELEVATION
- TROPICAL VEGETATION
- SHORE LINE (ELEVATION 5.0')
- SEA WALL OR BARRICADE
- EXISTING POLE DOWN BY WOOD POLE OR MAST
- EXISTING AIRCRAFT THROWDOWN
- EXISTING OVERHEAD ANTENNA
- EXISTING TO BE UTILIZED IN SUPPORT OF CLEANUP OPERATIONS & FOOD WAREHOUSE

FOR GENERAL NOTES SEE SHEET 1



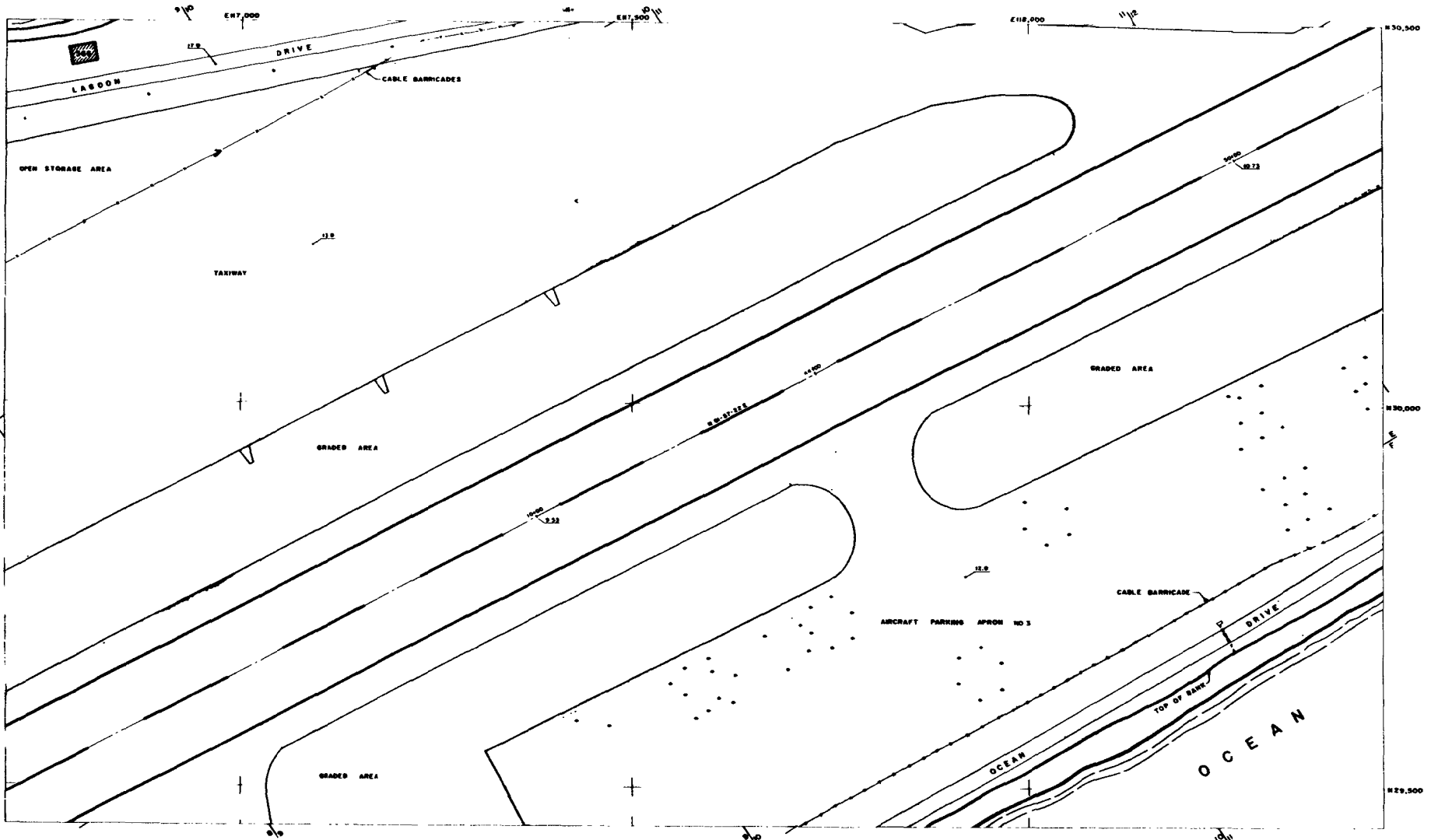
DATUM (ELEVATION 0.00) IS APPROXIMATELY 0.5 FEET BELOW MEAN LOW WATER SPRING



ANNUAL MAGNETIC DECREMENT 1'

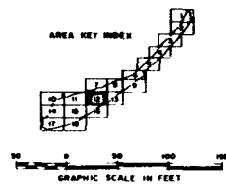
HEADQUARTERS
DEFENSE NUCLEAR AGENCY
 WASHINGTON, D. C. 20305
HOLMES & HARVER, INC.
A MEMBER OF CH2M HILL
ENIWETOK ATOLL CLEANUP
SITE FRED
 APRIL 1973 SHEET 11 OF 18

216



- LEGEND**
- EXISTING STRUCTURE
 - EXISTING CONCRETE SLAB
 - EXISTING FENCE
 - EXISTING ROAD ON PAVED AREA
 - EXISTING UNPAVED ROAD
 - EXISTING 300 PIPE CULVERT
 - EXISTING 150 PIPE CULVERT
 - BENCH MARK
 - TRIANGULATION STATION
 - SPOT ELEVATION
 - FINISH ELEVATION
 - TROPICAL VEGETATION
 - SHORELINE (ELEVATION 5'0'')
 - SEA WALL OR BARRICADE
 - EXISTING POLE DOWN BUT
 - WOOD POLE OR MAST
 - EXISTING AIRCRAFT TIE-DOWN
 - EXISTING OVERHEAD ANTENNA
 - EXISTING TO BE UTILIZED IN SUPPORT OF CLEANUP OPERATIONS @ 400 MAN CAMP

FOR GENERAL NOTES SEE SHEET 1



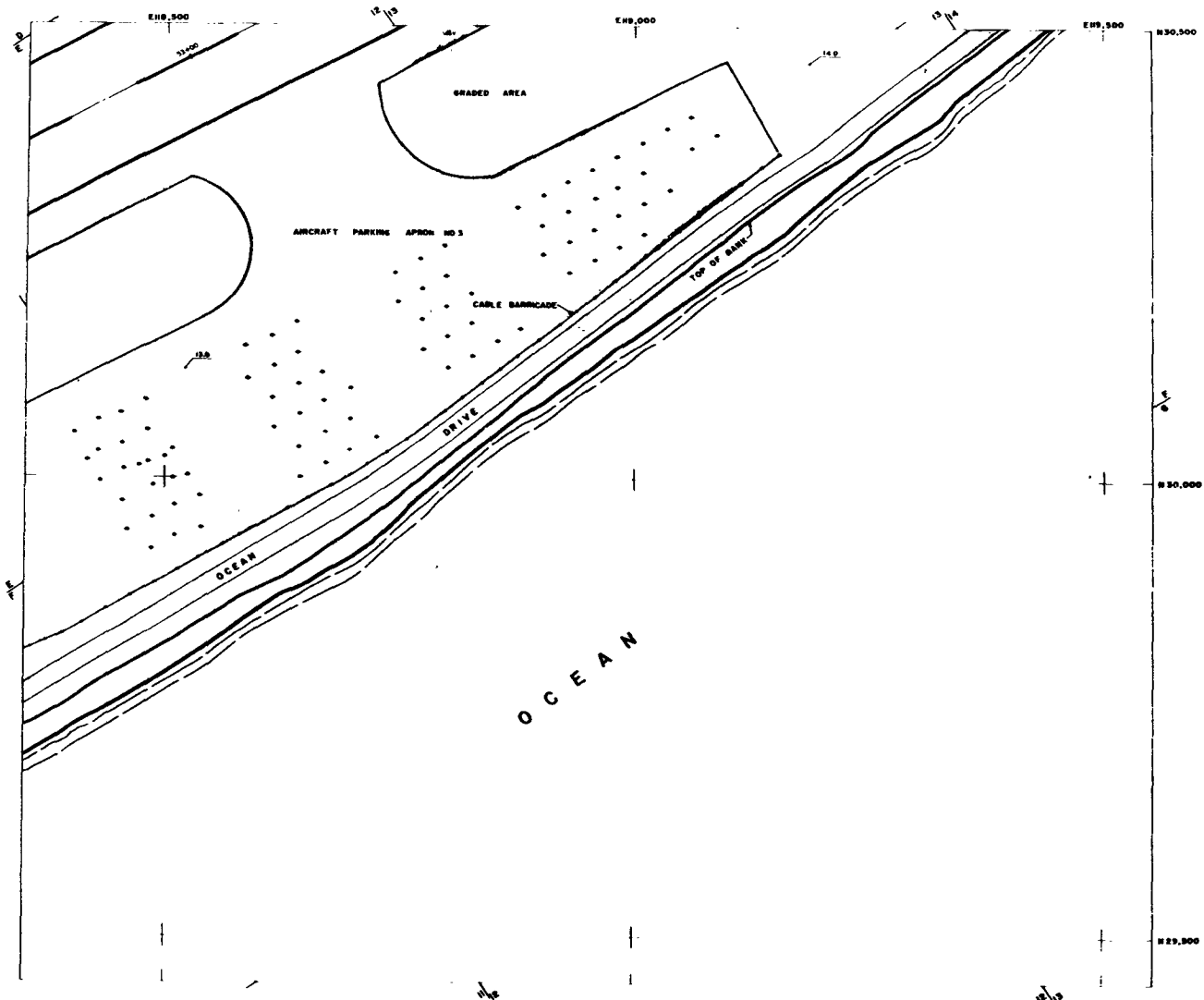
GRAPHIC SCALE IN FEET

DATUM (ELEVATION 0.00) IS APPROXIMATELY 0.5 FEET BELOW MEAN LOW WATER SPRINGS



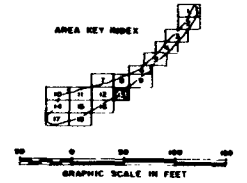
HEADQUARTERS DEFENSE NUCLEAR AGENCY WASHINGTON, D. C. 20305	
HOLMES & HARVEY, INC. <small>A GEORGETOWN, DELAWARE CORPORATION</small>	
ENIWETOK ATOLL CLEANUP SITE FRED	
APRIL 1973	SHEET 12 OF 18

(1)



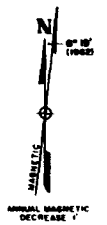
- LEGEND**
- | | | | |
|--|-----------------------------|--|---|
| | EXISTING STRUCTURE | | EXISTING POLE DOWN GUY |
| | EXISTING CONCRETE SLAB | | WOOD POLE OR MAST |
| | EXISTING FENCE | | EXISTING AIRCRAFT TIEDOWN |
| | EXISTING ROAD OR PAVED AREA | | EXISTING OVERHEAD ANTENNA |
| | EXISTING UNPAVED ROAD | | EXISTING TO BE UTILIZED IN SUPPORT OF CLEANUP OPERATIONS & 400 MAN CAMP |
| | EXISTING BOX CULVERT | | |
| | EXISTING PIPE CULVERT | | |
| | BENCH MARK | | |
| | TRIANGULATION STATION | | |
| | SPOT ELEVATION | | |
| | FINISH ELEVATION | | |
| | TROPICAL VEGETATION | | |
| | SHORE LINE (ELEVATION 5.0') | | |
| | SEA WALL OR BARRICADE | | |

FOR GENERAL NOTES SEE SHEET 1



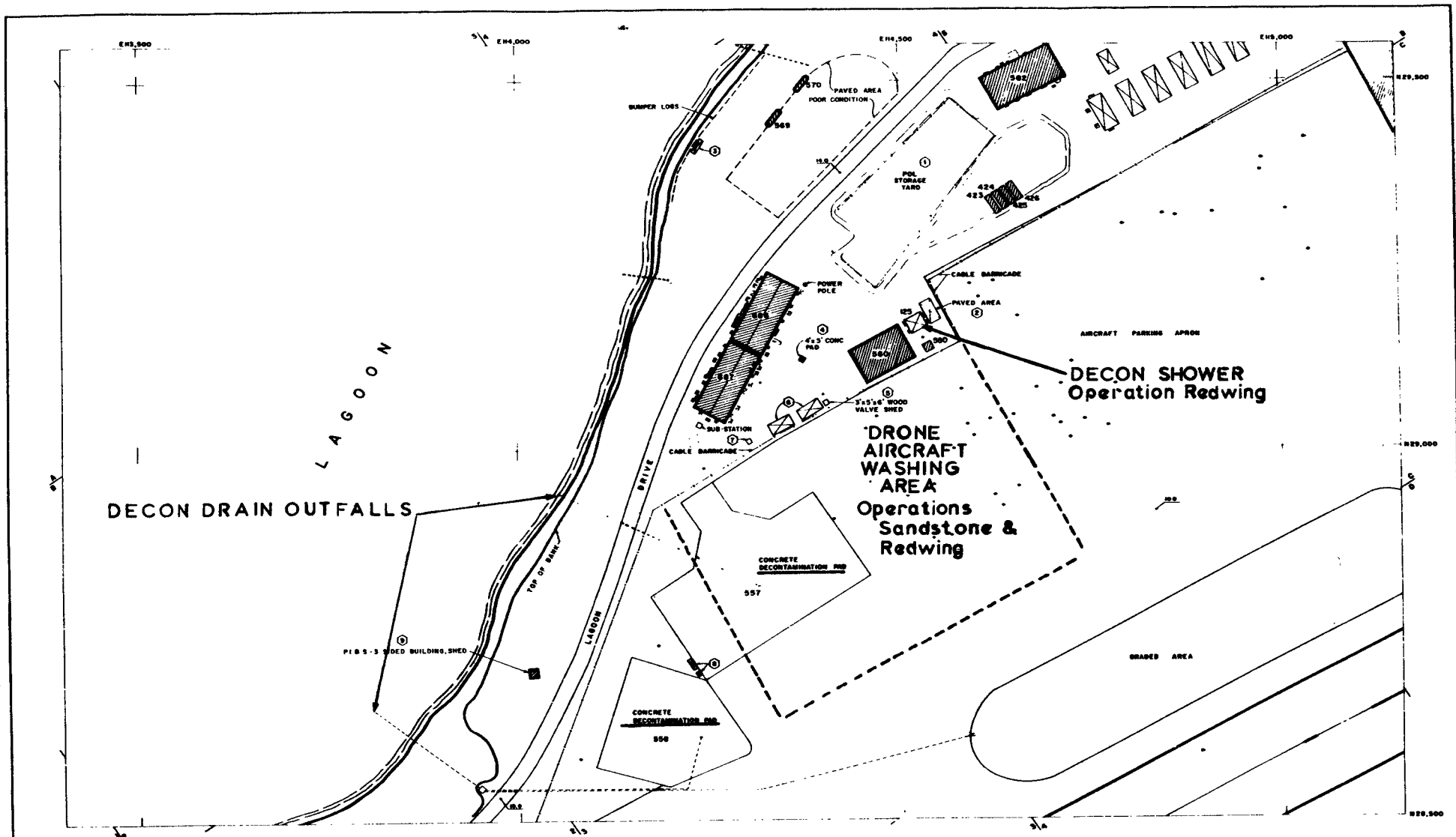
GRAPHIC SCALE IN FEET

DATUM (ELEVATION 0.00) IS APPROXIMATELY 0.5 FEET BELOW MEAN LOW WATER SPRINGS



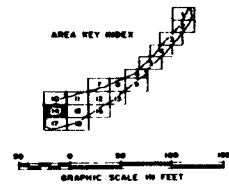
HEADQUARTERS DEFENSE NUCLEAR AGENCY WASHINGTON, D. C. 20305 HOLMES & NARVER, INC. <small>A FEDERAL SERVICE COMPANY</small> <small>MEMBER OF THE HOLDINGS GROUP</small>	
ENIWETOK ATOLL CLEANUP SITE FRED APRIL 1973 SHEET 13 OF 18	

42



LEGEND	
	EXISTING STRUCTURE
	EXISTING CONCRETE SLAB
	EXISTING FENCE
	EXISTING ROAD OR PAVED AREA
	EXISTING UNPAVED ROAD
	EXISTING BOX CULVERT
	EXISTING PIPE CULVERT
	BENCH MARK
	TRANSLATION STATION
	SPOT ELEVATION
	FINISH ELEVATION
	TROPICAL VEGETATION
	SHORE LINE (ELEVATION 5.0')
	SEA WALL OR BARRICADE
	EXISTING POLE DOWN GUY
	WOOD POLE OR MAST
	EXISTING AIRCRAFT TIE-DOWN
	EXISTING OVERHEAD ANTENNA
	EXISTING TO BE UTILIZED IN SUPPORT OF CLEANUP OPERATIONS & 400 MAN CAMP

FOR GENERAL NOTES SEE SHEET 1

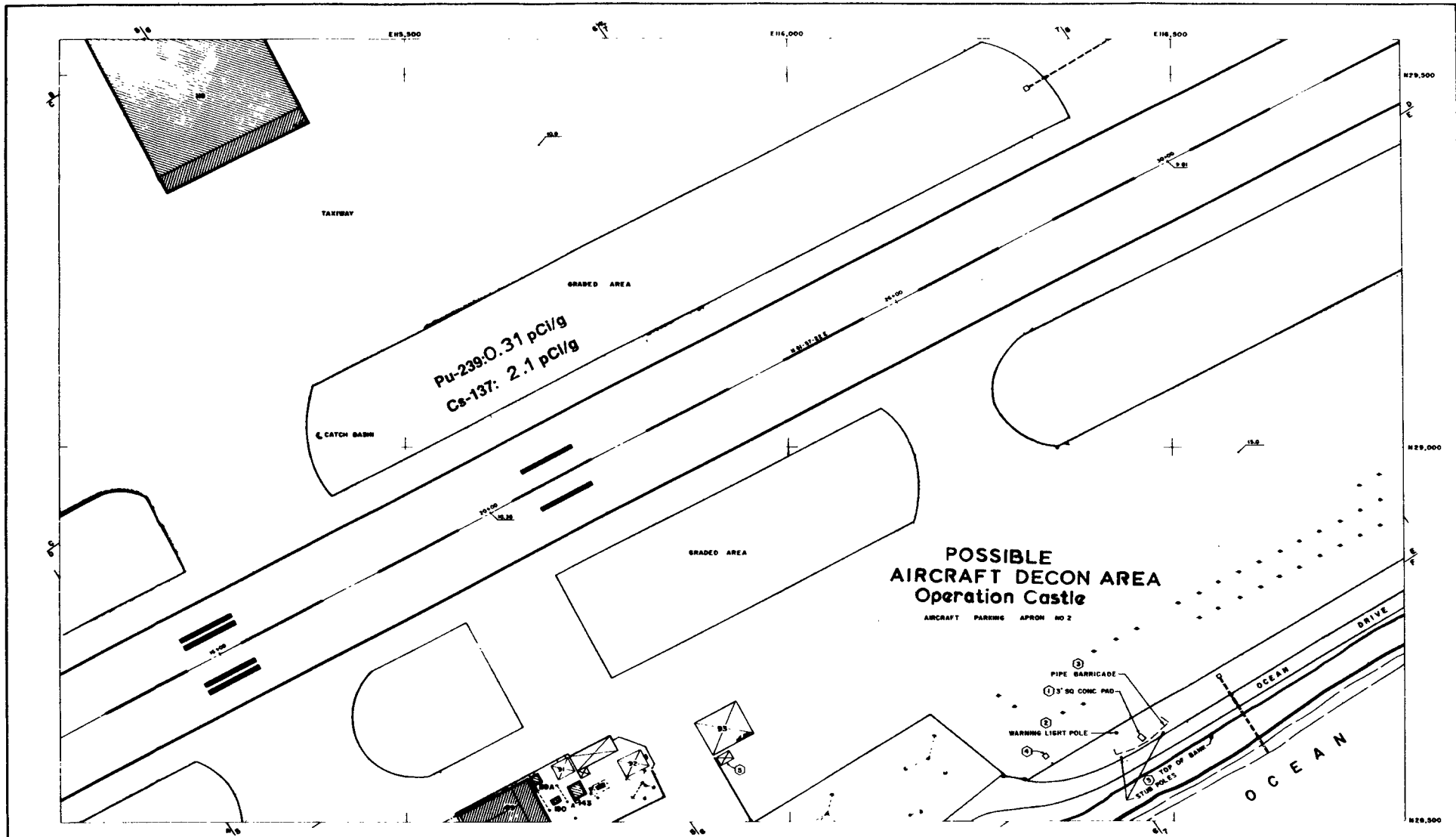


DRYUM (ELEVATION 0.00) IS APPROXIMATELY 0.3 FEET BELOW MEAN LOW WATER SPRINGS



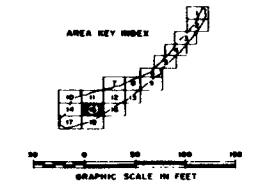
HEADQUARTERS
DEFENSE NUCLEAR AGENCY
 WASHINGTON, D. C. 20305
HOLMES & NARVER, INC.
 ENIWETOK ATOLL CLEANUP
SITE FRED
 APRIL 1973 SHEET 14 OF 18

13



- LEGEND**
- | | | | |
|--|-----------------------------|--|---|
| | EXISTING STRUCTURE | | EXISTING POLE DOWN GUY |
| | EXISTING CONCRETE SLAB | | WOOD POLE OR MAST |
| | EXISTING FENCE | | EXISTING AIRCRAFT TIE-DOWN |
| | EXISTING ROAD OR PAVED AREA | | EXISTING OVERHEAD ANTENNA |
| | EXISTING UNPAVED ROAD | | EXISTING TO BE UTILIZED IN SUPPORT OF CLEANUP OPERATIONS & 400 MAN CAMP |
| | EXISTING PIPE CULVERT | | |
| | BENCH MARK | | |
| | TRIANGULATION STATION | | |
| | SPOT ELEVATION | | |
| | FRESH ELEVATION | | |
| | TROPICAL VEGETATION | | |
| | SHORE LINE (ELEVATION 5.0') | | |
| | SEA WALL OR BARRICADE | | |

FOR GENERAL NOTES SEE SHEET 1



DATUM (ELEVATION 000) IS APPROXIMATELY 65 FEET BELOW MEAN LOW WATER SPRINGS



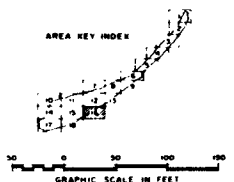
HEADQUARTERS DEFENSE NUCLEAR AGENCY WASHINGTON, D. C. 20305 HOLMES & NARVER, INC. <small>A FEDERAL CORPORATION</small>	
ENIWEOK ATOLL CLEANUP SITE FRED APRIL 1973 SHEET 15 OF 18	

17

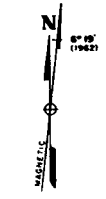


- LEGEND**
- | | | | |
|--|------------------------------|--|---|
| | EXISTING STRUCTURE | | EXISTING POLE DOWN GUY |
| | EXISTING CONCRETE SLAB | | WOOD POLE OR MAST |
| | EXISTING FENCE | | EXISTING AIRCRAFT TIE-DOWN |
| | EXISTING ROAD OR PAVED AREA | | EXISTING OVERHEAD ANTENNA |
| | EXISTING UNPAVED ROAD | | EXISTING TO BE UTILIZED IN SUPPORT OF CLEANUP OPERATIONS @ 400 MAN CAMP |
| | EXISTING 80\"/> | | |
| | EXISTING PIPE CULVERT | | |
| | BENCH MARK | | |
| | TRANSMISSION STATION | | |
| | SPOT ELEVATION | | |
| | FINISH ELEVATION | | |
| | TROPICAL VEGETATION | | |
| | SHORE LINE (ELEVATION 5'0\") | | |
| | SEA WALL OR BARRICADE | | |

FOR GENERAL NOTES SEE SHEET 1



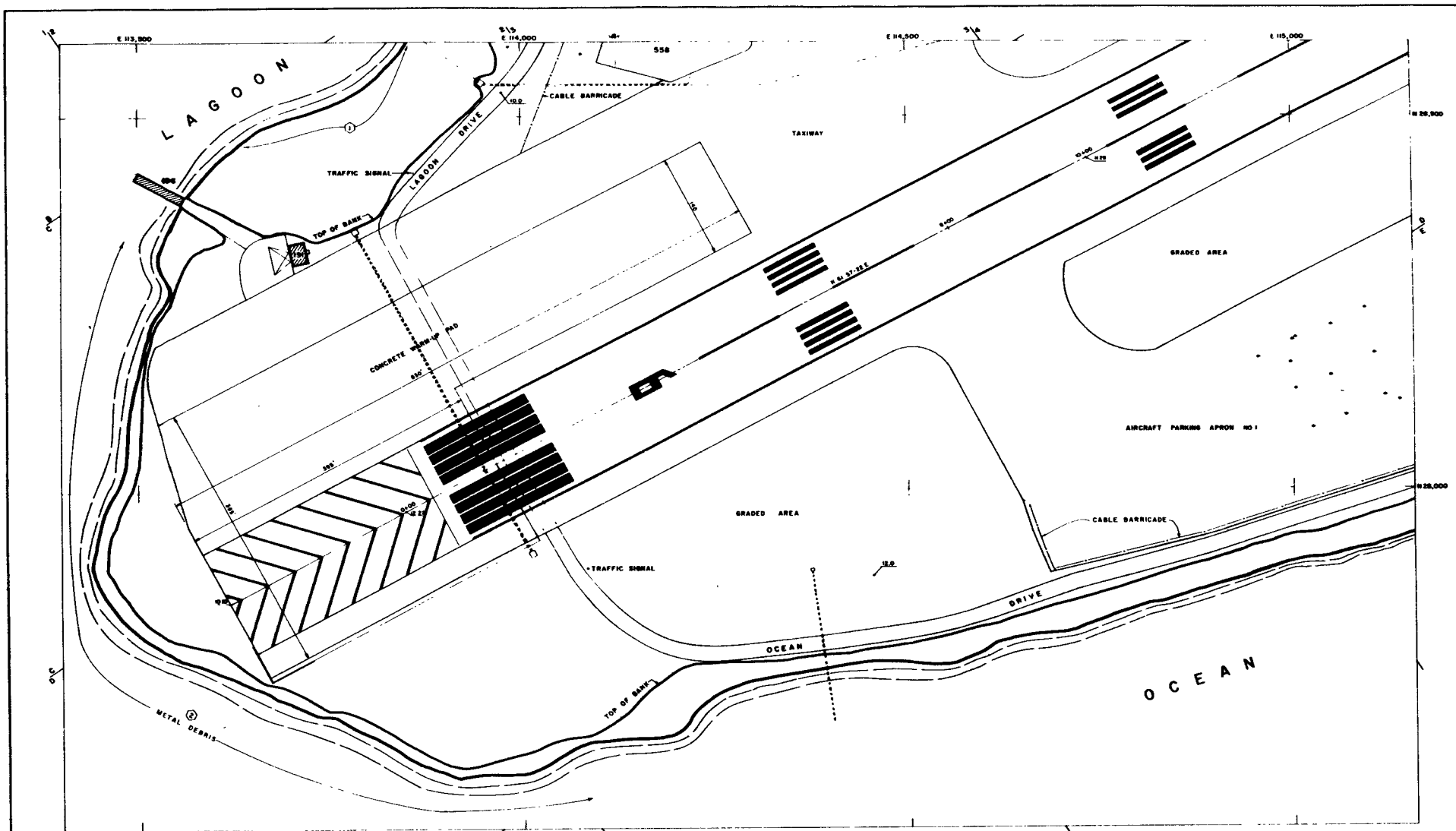
DATUM ELEVATION 0.00 IS APPROXIMATELY 0.5 FEET BELOW MEAN LOW WATER SPRINGS



ANNUAL MAGNETIC DECREASE 1'

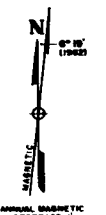
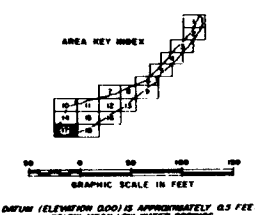
HEADQUARTERS DEFENSE NUCLEAR AGENCY WASHINGTON, D.C. 20305 HOLMES & NARVER, INC.	
ENIWETOK ATOLL CLEANUP SITE FRED	
APRIL 1973	SHEET 16 OF 18

51



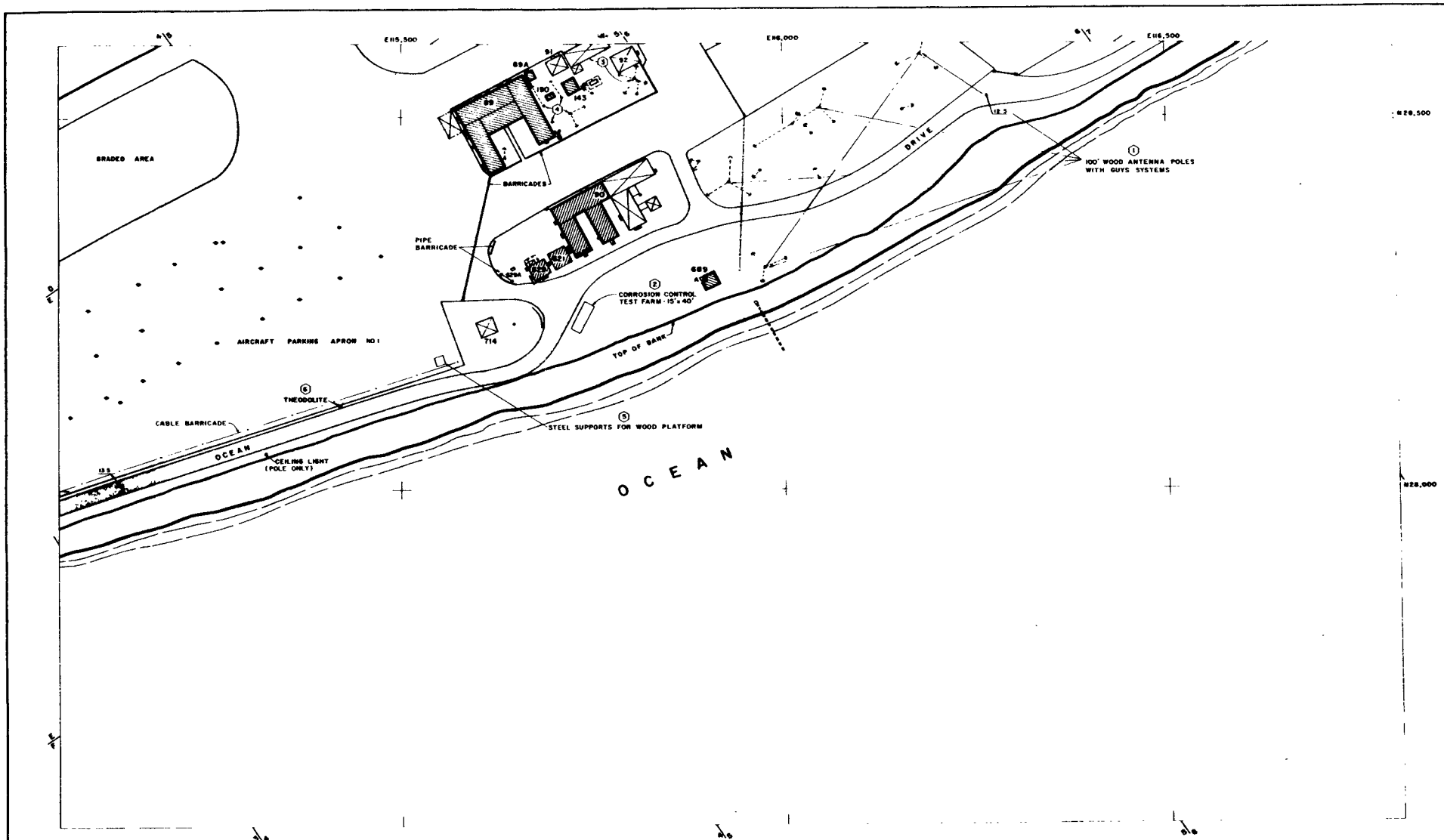
- LEGEND**
- | | | | |
|--|--|--|--|
| | EXISTING STRUCTURE | | EXISTING POLE DOWN GUY |
| | EXISTING CONCRETE SLAB | | WOOD POLE OR MAST |
| | EXISTING FENCE | | EXISTING AIRCRAFT TIEDOWN |
| | EXISTING ROAD OR PAVED AREA | | EXISTING OVERHEAD ANTENNA |
| | EXISTING UNPAVED ROAD | | EXISTING TO BE UTILIZED IN SUPPORT OF CLEANUP OPERATIONS IN 400 MAN CAMP |
| | EXISTING BOX CULVERT | | |
| | EXISTING PIPE CULVERT | | |
| | BENCH MARK | | |
| | SPOT ELEVATION | | |
| | FINISH ELEVATION | | |
| | TROPICAL VEGETATION | | |
| | SHORE LINE (ELEVATION 0')
SEA WALL OR BARRICADE | | |

FOR GENERAL NOTES SEE SHEET 1



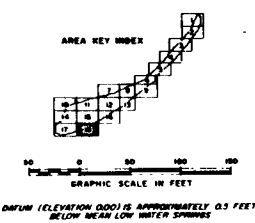
HEADQUARTERS DEFENSE NUCLEAR AGENCY WASHINGTON, D. C. 20305	
HOLMES & NARVER, INC.	
ENIWETOK ATOLL CLEANUP SITE FRED	
APRIL 1973	SHEET 17 OF 18

176

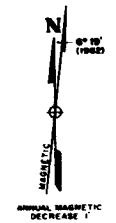


- LEGEND**
- | | | | |
|--|------------------------------|--|---|
| | EXISTING STRUCTURE | | EXISTING POLE DOWN GUY |
| | EXISTING CONCRETE SLAB | | WOOD POLE ON MAST |
| | EXISTING FENCE | | EXISTING AIRCRAFT THEODOLITE |
| | EXISTING ROAD OR PAVED AREA | | EXISTING OVERHEAD ANTENNA |
| | EXISTING UNPAVED ROAD | | EXISTING TO BE UTILIZED IN SUPPORT OF CLEANUP OPERATIONS & 400-MAN CAMP |
| | EXISTING BOX CULVERT | | |
| | EXISTING PIPE CULVERT | | |
| | BENCH MARK | | |
| | TRANSMISSION STATION | | |
| | SPOT ELEVATION | | |
| | FINISH ELEVATION | | |
| | TROPICAL VEGETATION | | |
| | SHORE LINE (ELEVATION 5'0'') | | |
| | SEA WALL OR BARRICADE | | |

FOR GENERAL NOTES SEE SHEET 1



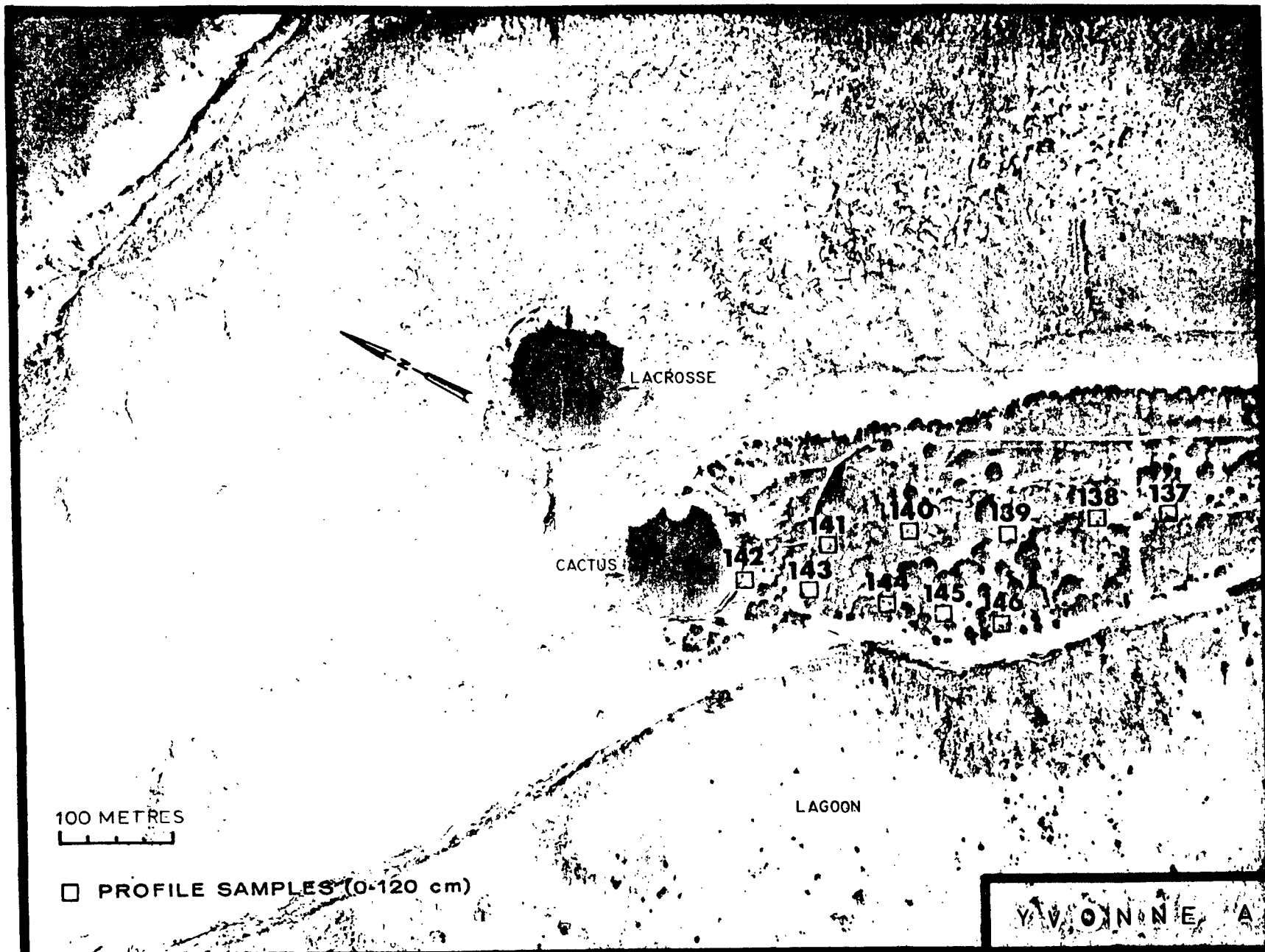
DATUM (ELEVATION 000) IS APPROXIMATELY 0.5 FEET BELOW MEAN LOW WATER SPRINGS



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17



B.22.1.f. Soil-sample locations.

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97

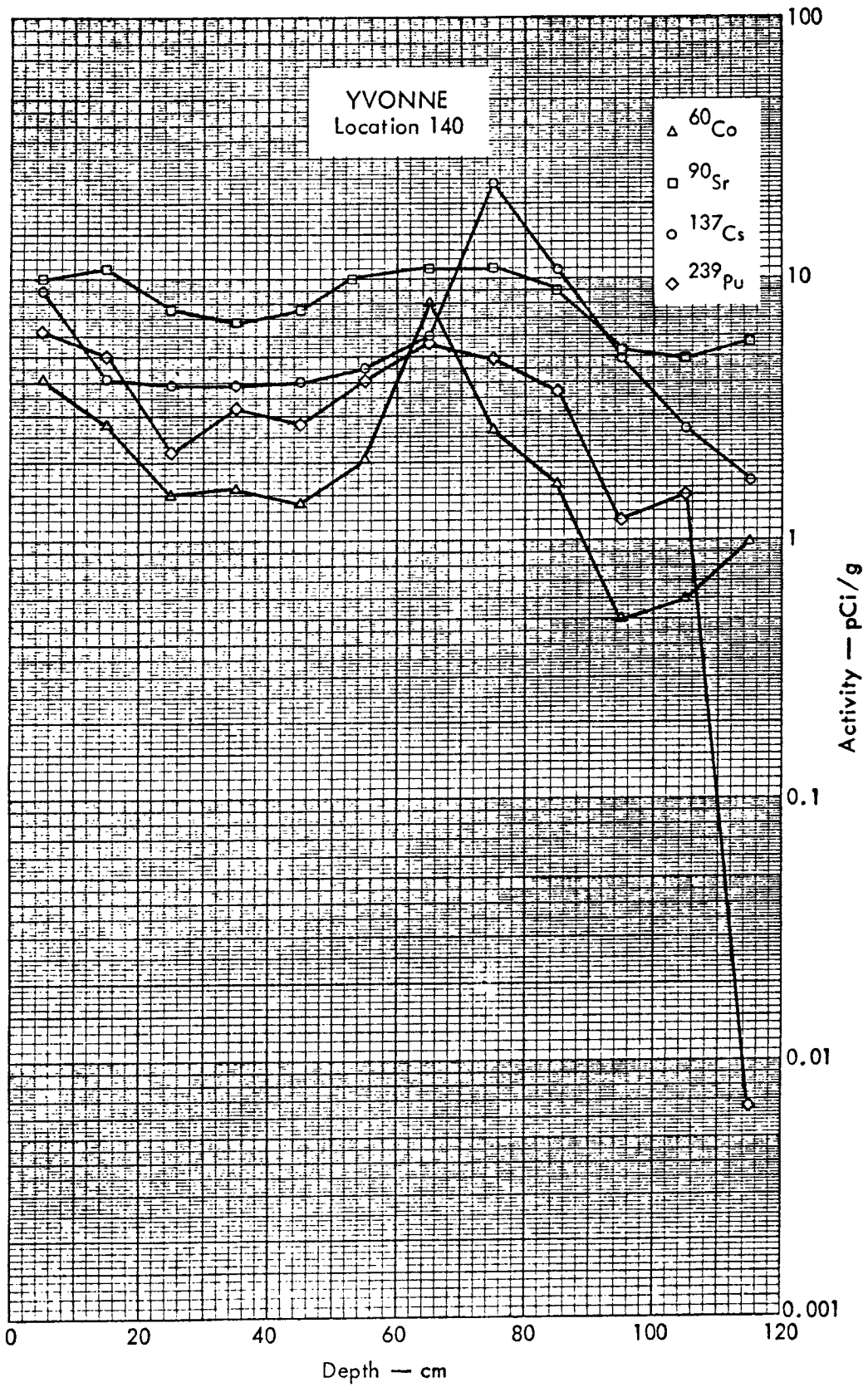


Fig. B. 22.2a. Activities of selected radionuclides as a function of soil depth.

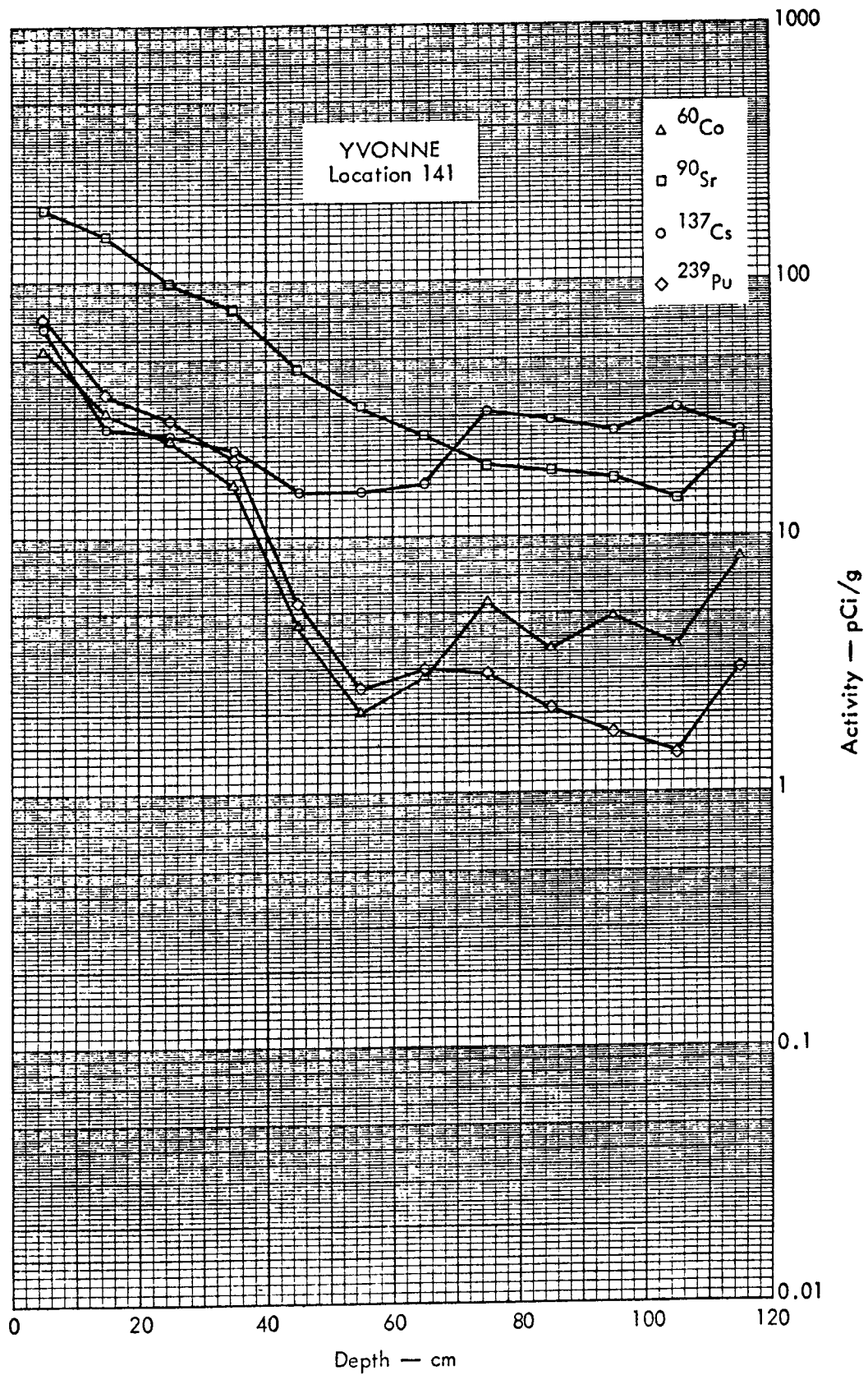


Fig. B. 22.2b. Activities of selected radionuclides as a function of soil depth.

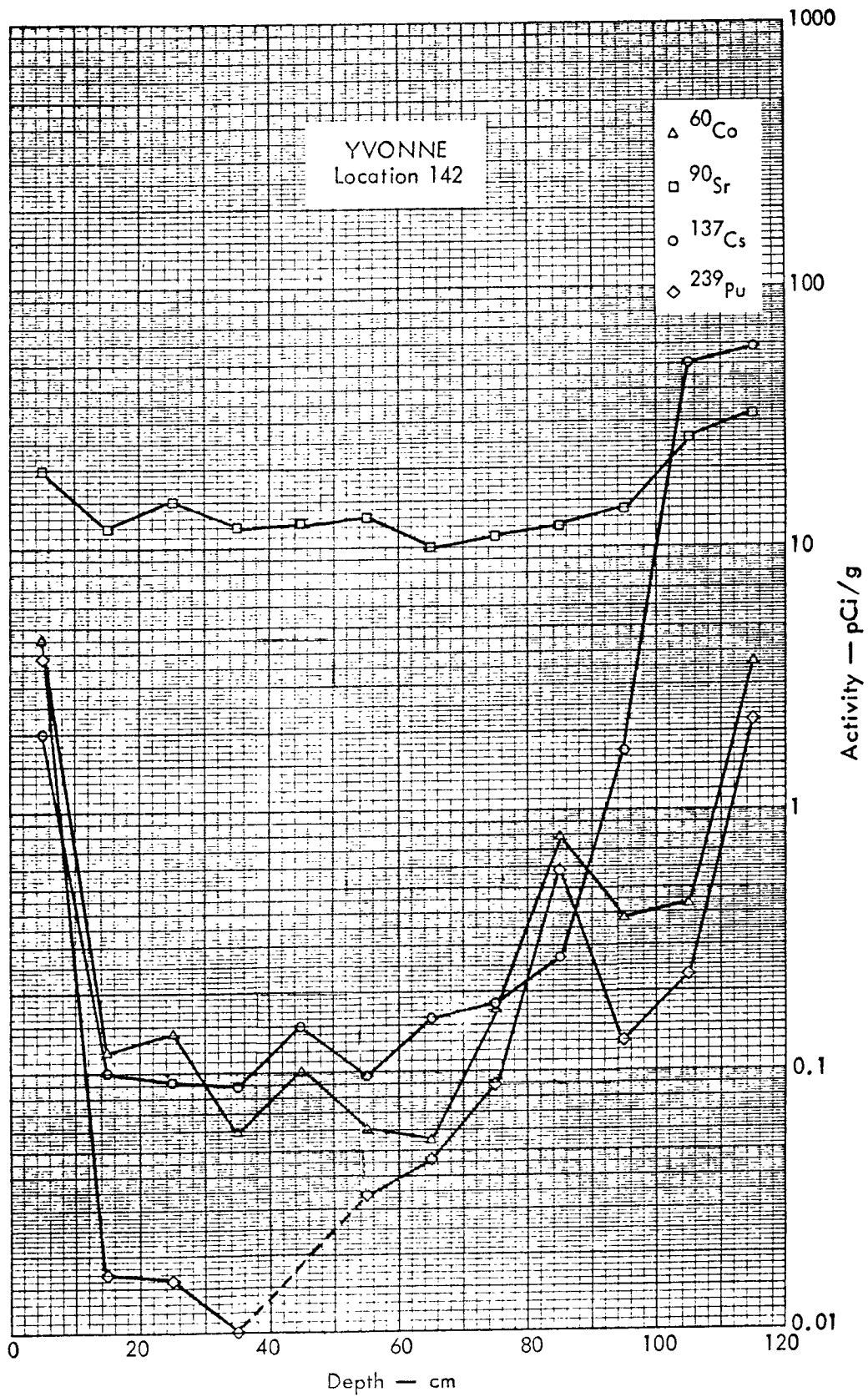


Fig. B. 22.2c. Activities of selected radionuclides as a function of soil depth.

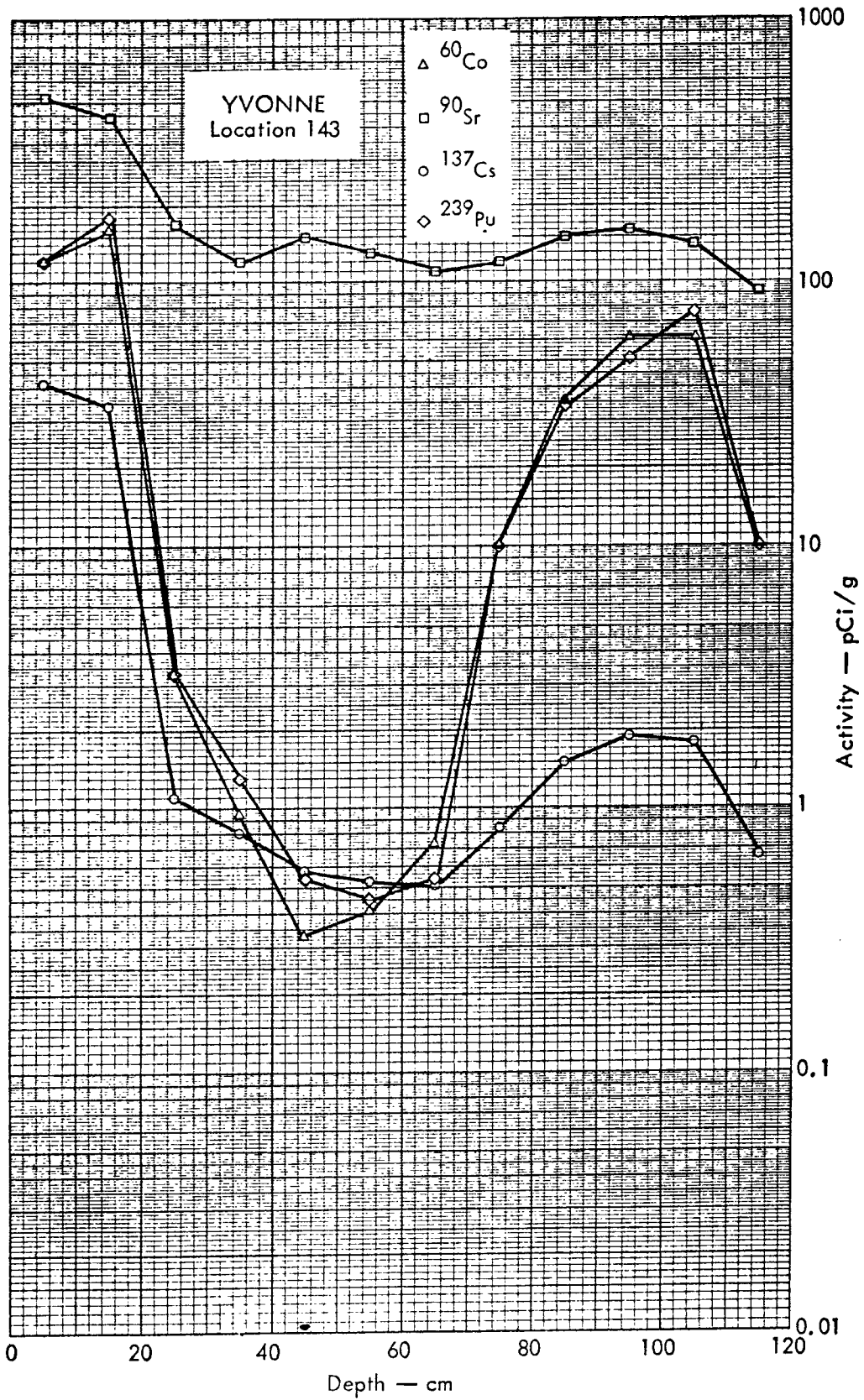


Fig. B.22.2d. Activities of selected radionuclides as a function of soil depth.

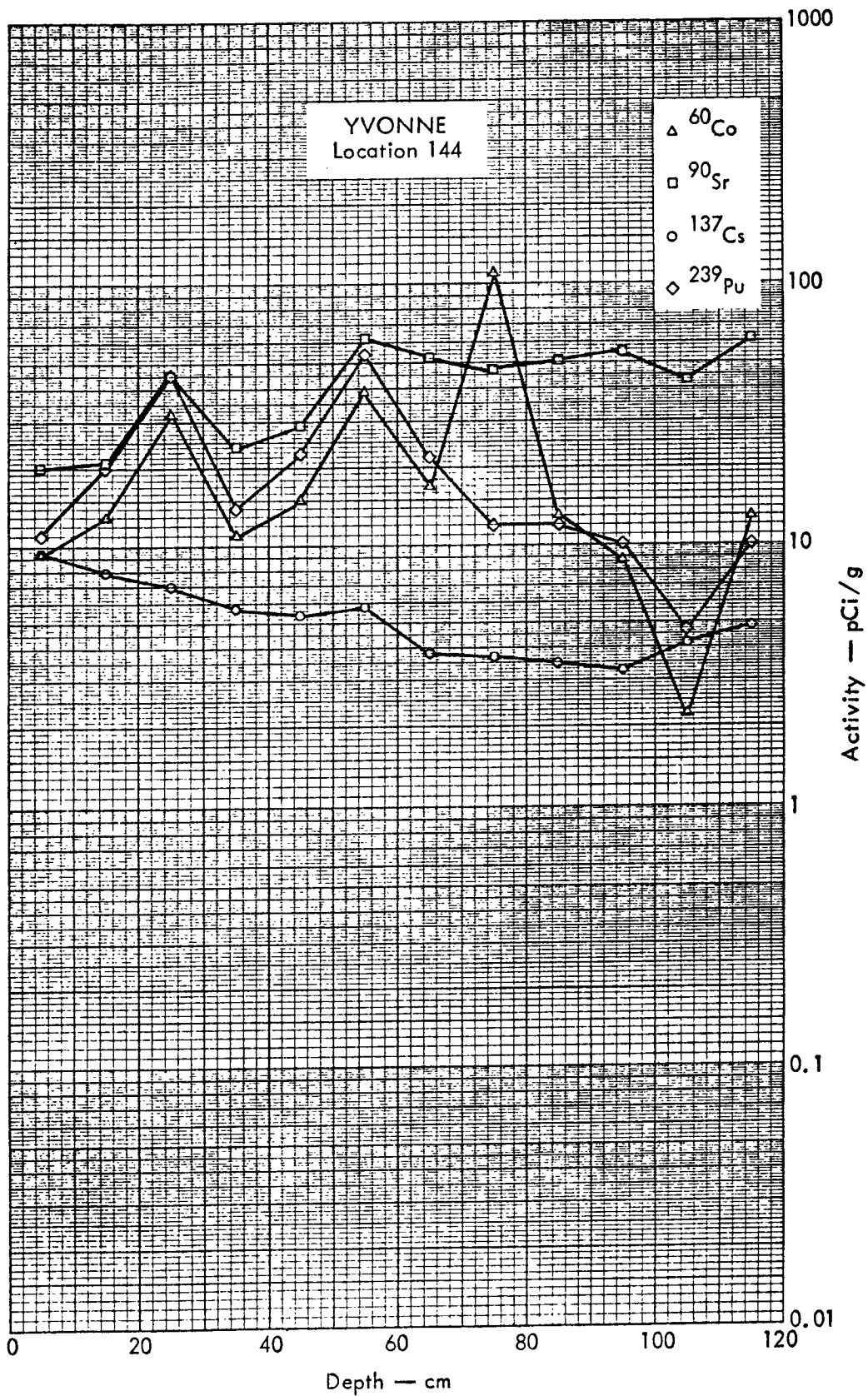


Fig. B. 22.2e. Activities of selected radionuclides as a function of soil depth.

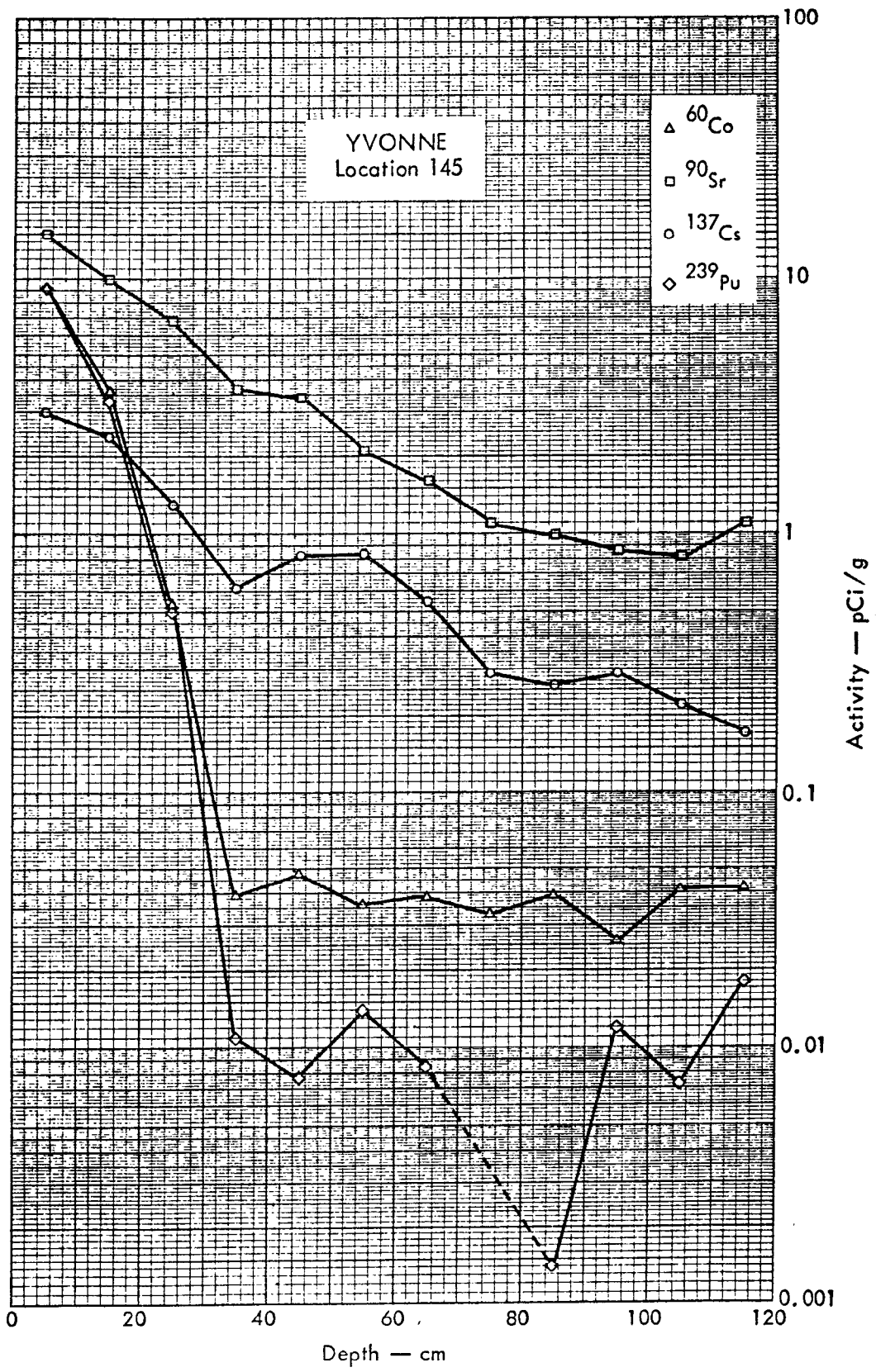


Fig. B. 22.2f. Activities of selected radionuclides as a function of soil depth.

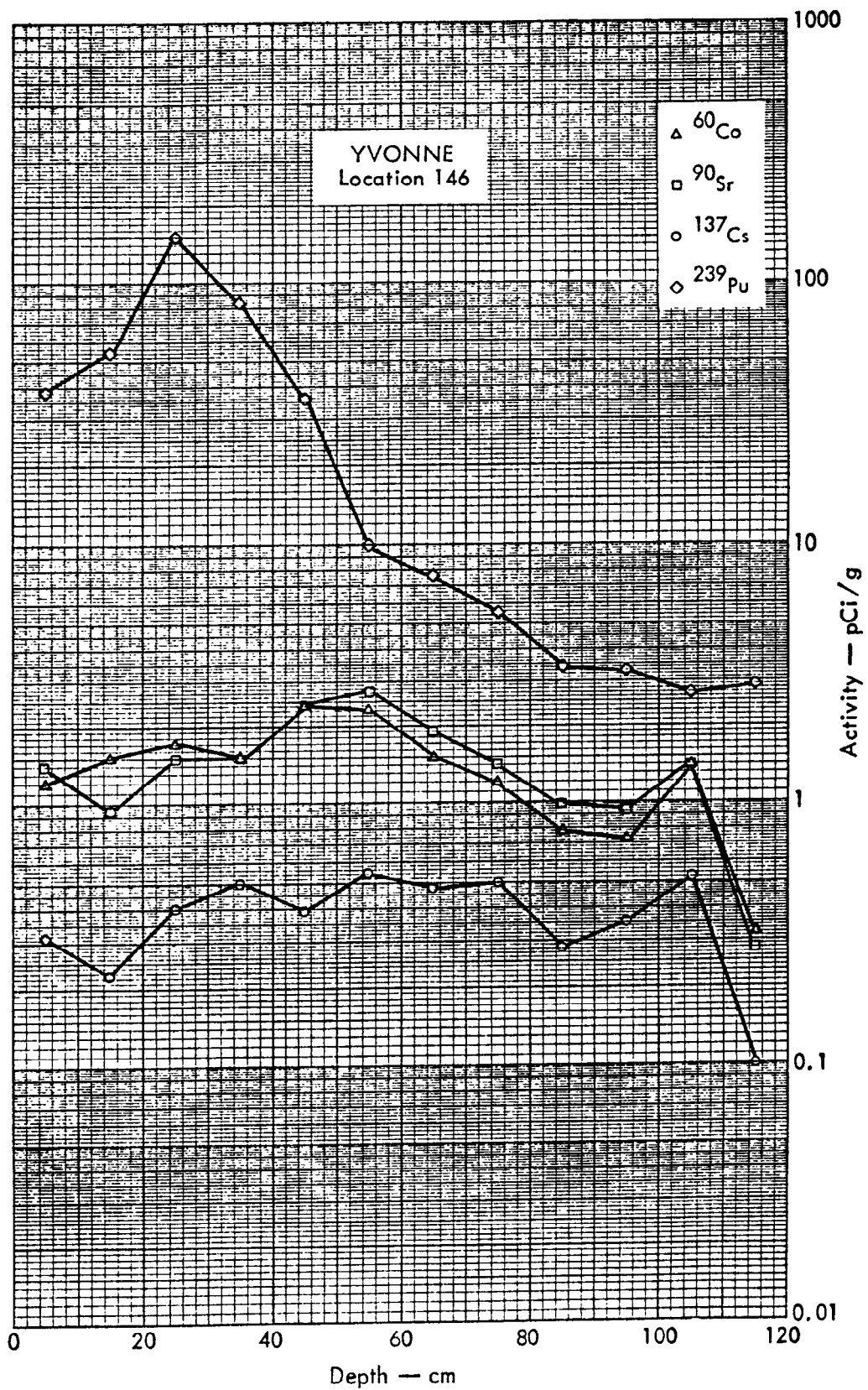
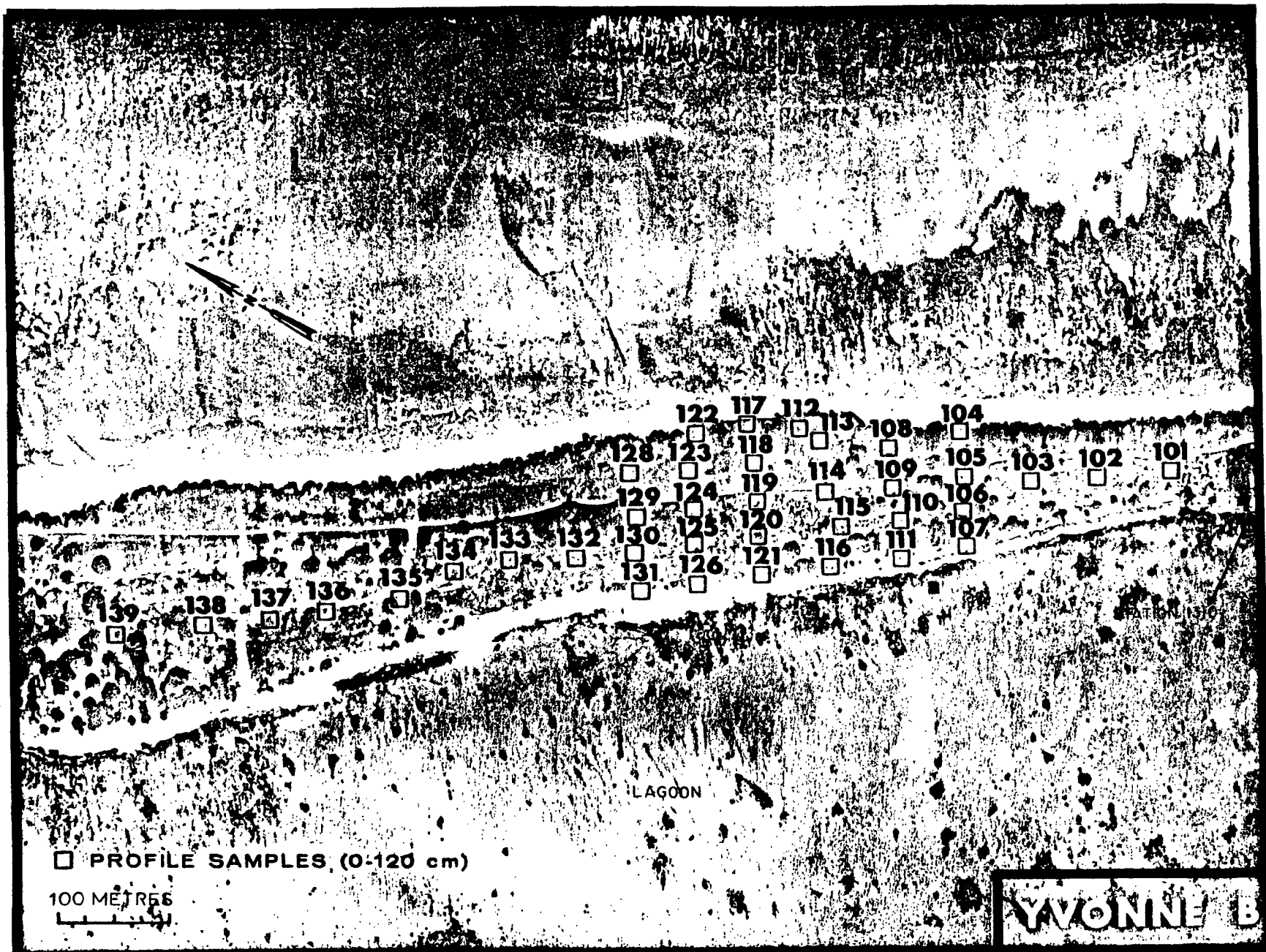


Fig. B. 22.2g. Activities of selected radionuclides as a function of soil depth.



56

B.23.1.f. Soil-sample locations.

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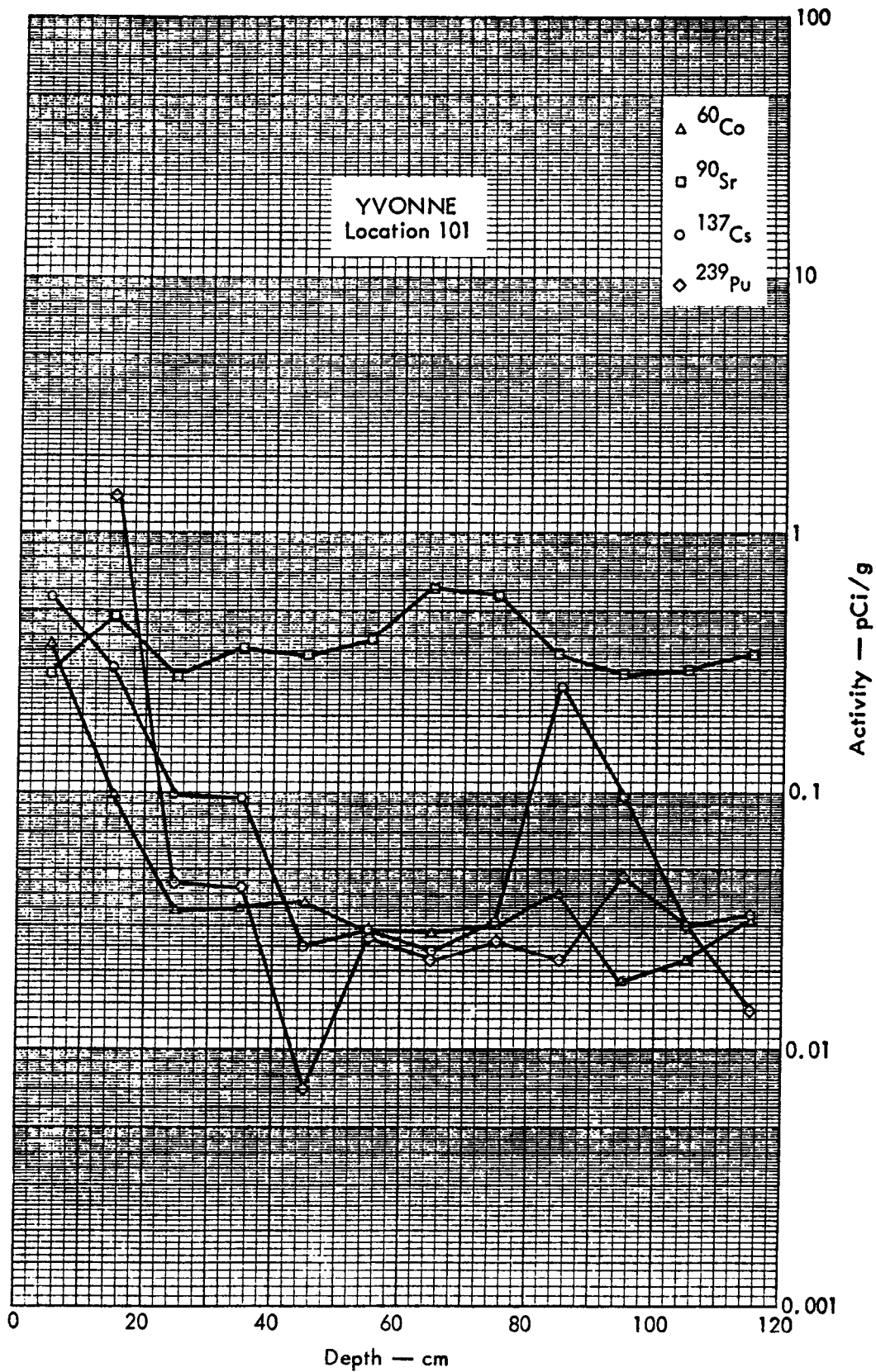


Fig. B. 23.2a. Activities of selected radionuclides as a function of soil depth.

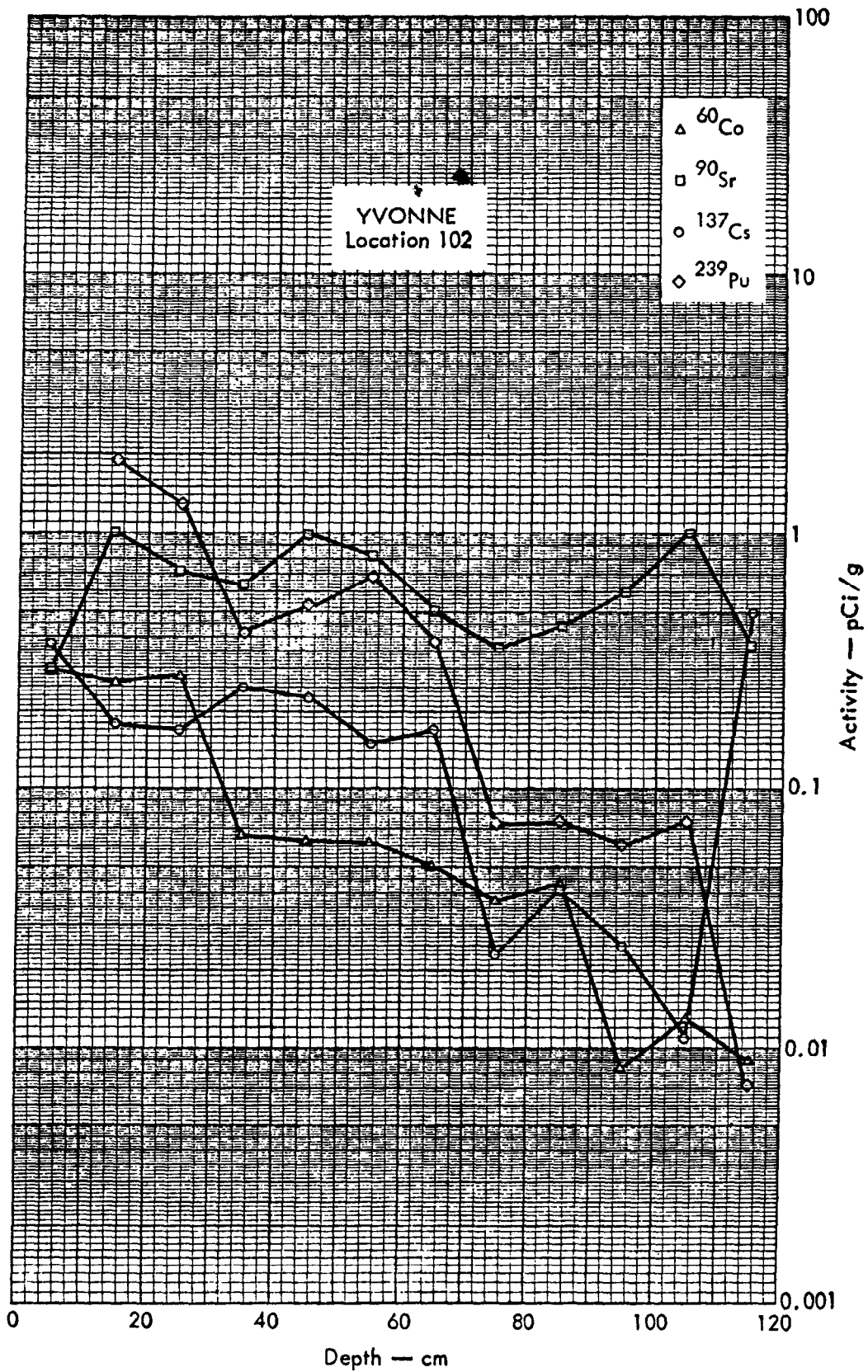


Fig. B. 23.2b. Activities of selected radionuclides as a function of soil depth.

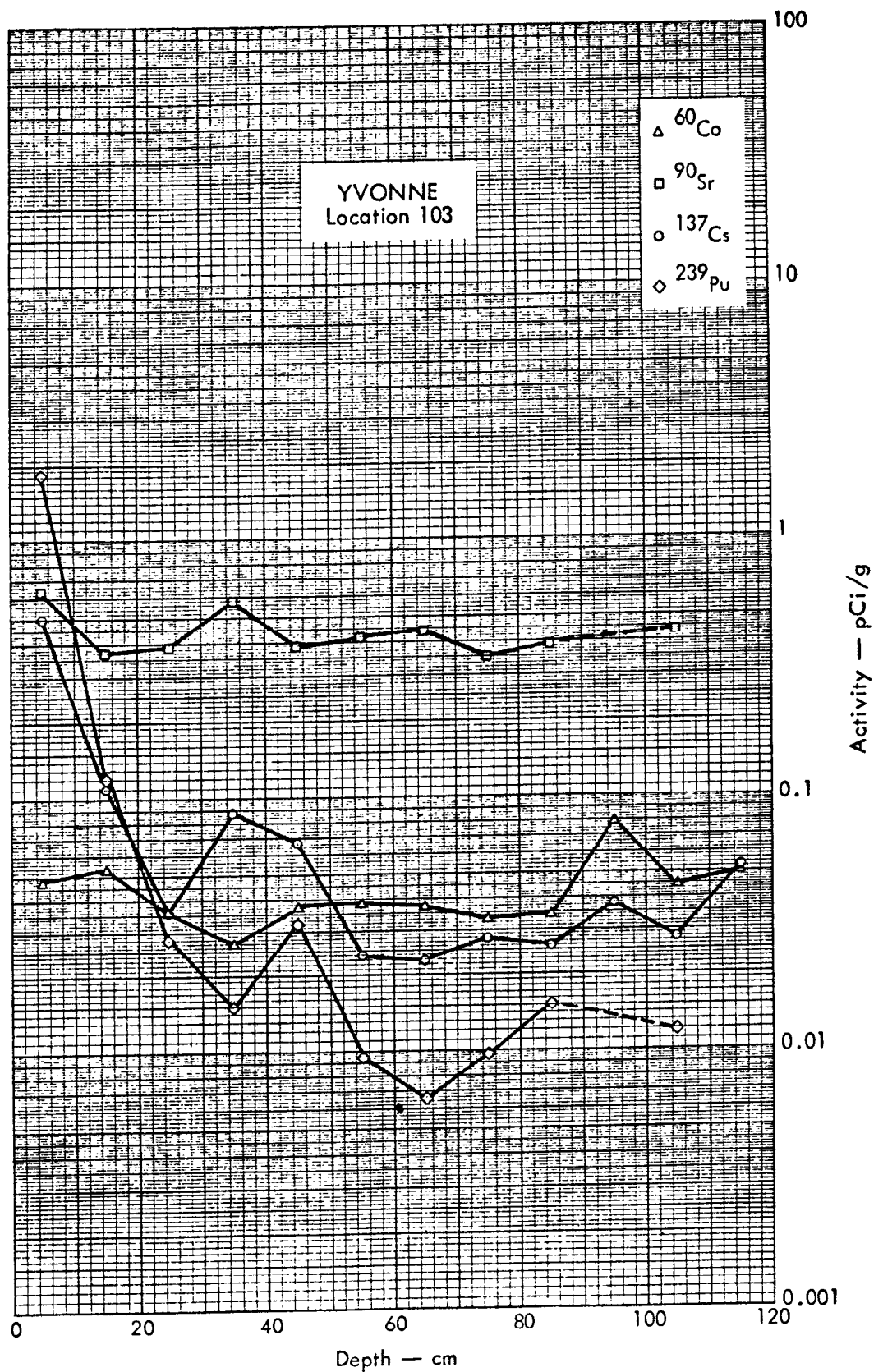


Fig. B. 23.2c. Activities of selected radionuclides as a function of soil depth.

59

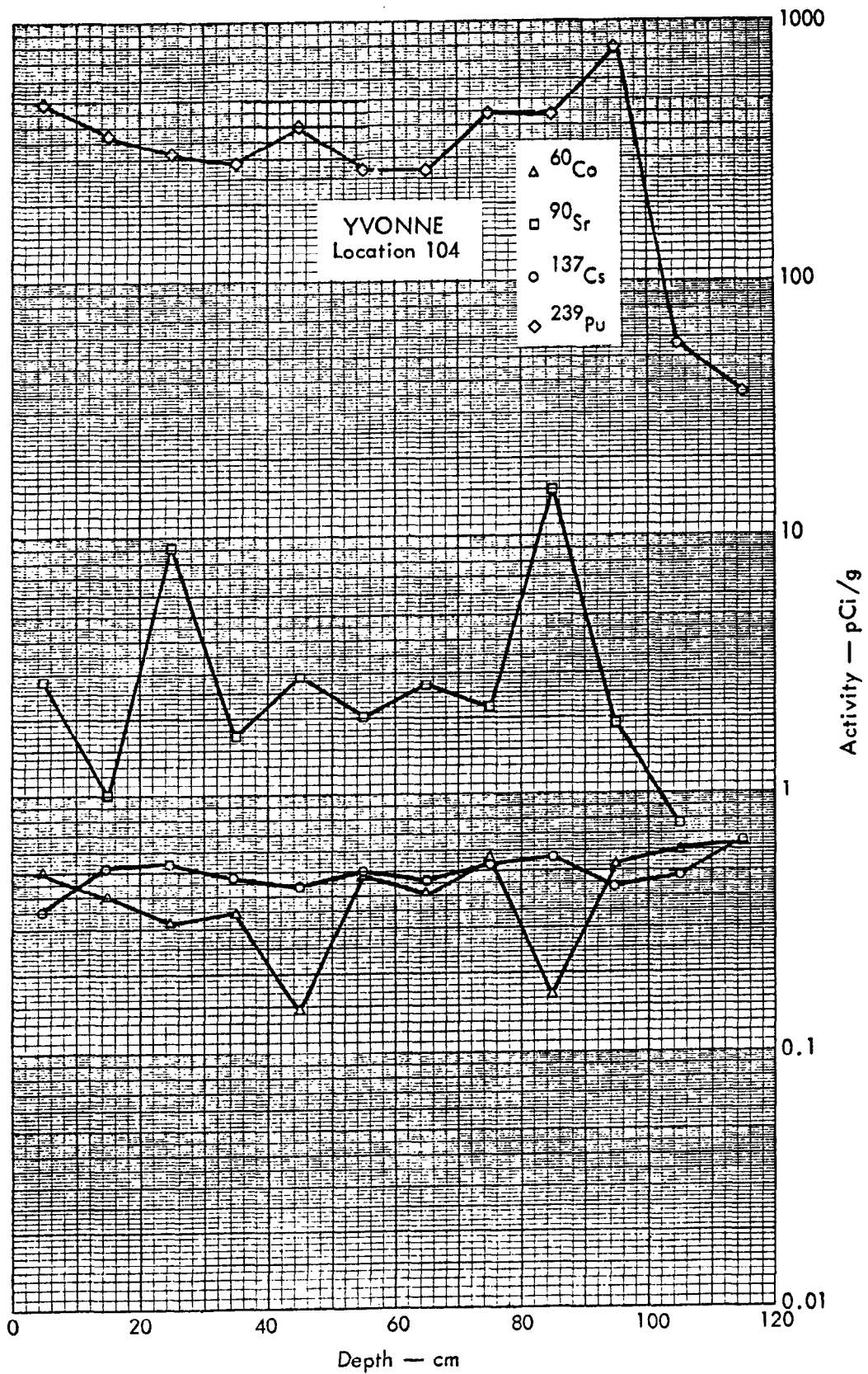


Fig. B. 23.2d. Activities of selected radionuclides as a function of soil depth.

(60)

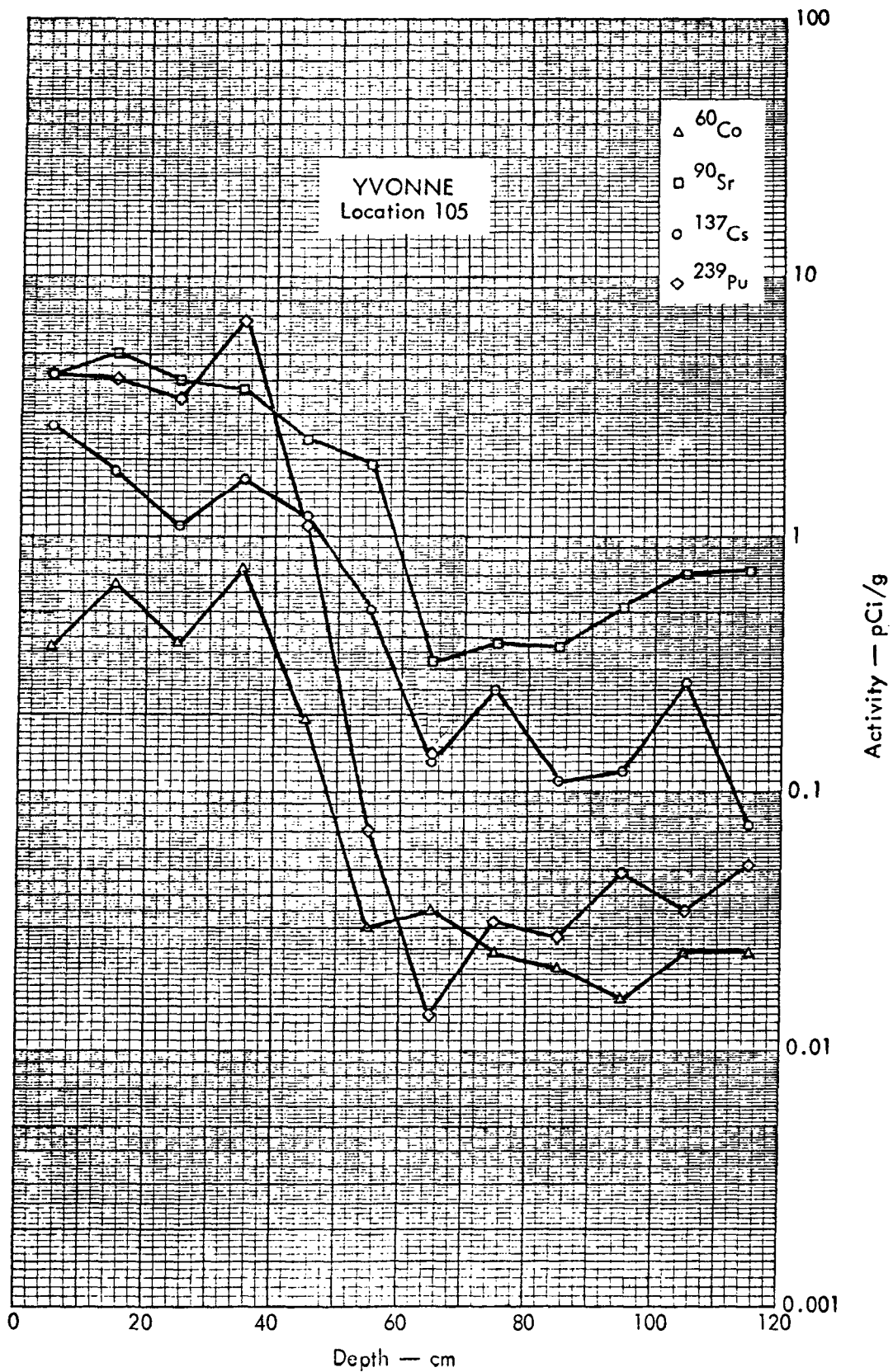


Fig. B. 23.2e. Activities of selected radionuclides as a function of soil depth.

(61)

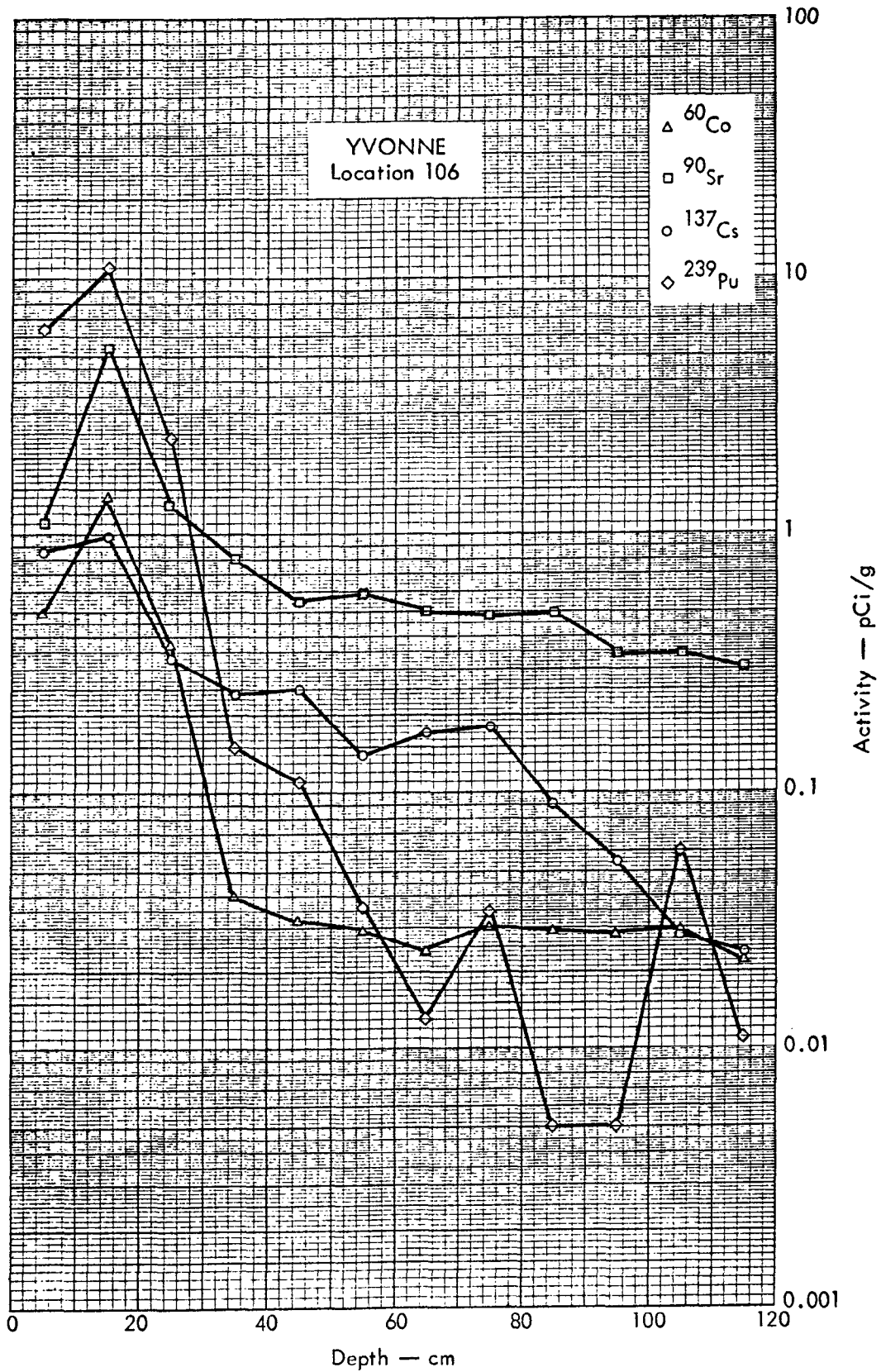


Fig. B. 23.2f. Activities of selected radionuclides as a function of soil depth.

23

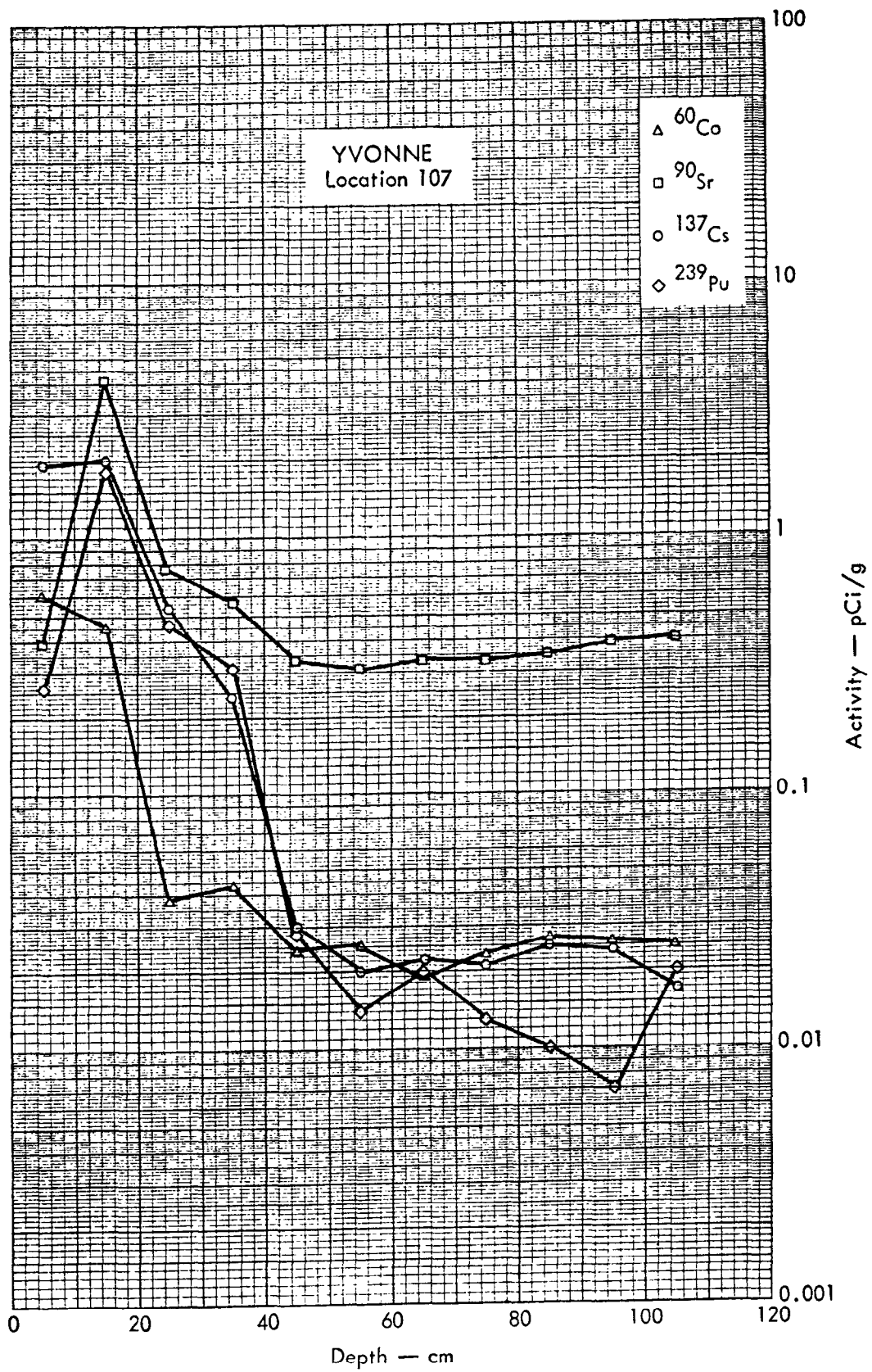


Fig. B. 23.2g. Activities of selected radionuclides as a function of soil depth.

(63)

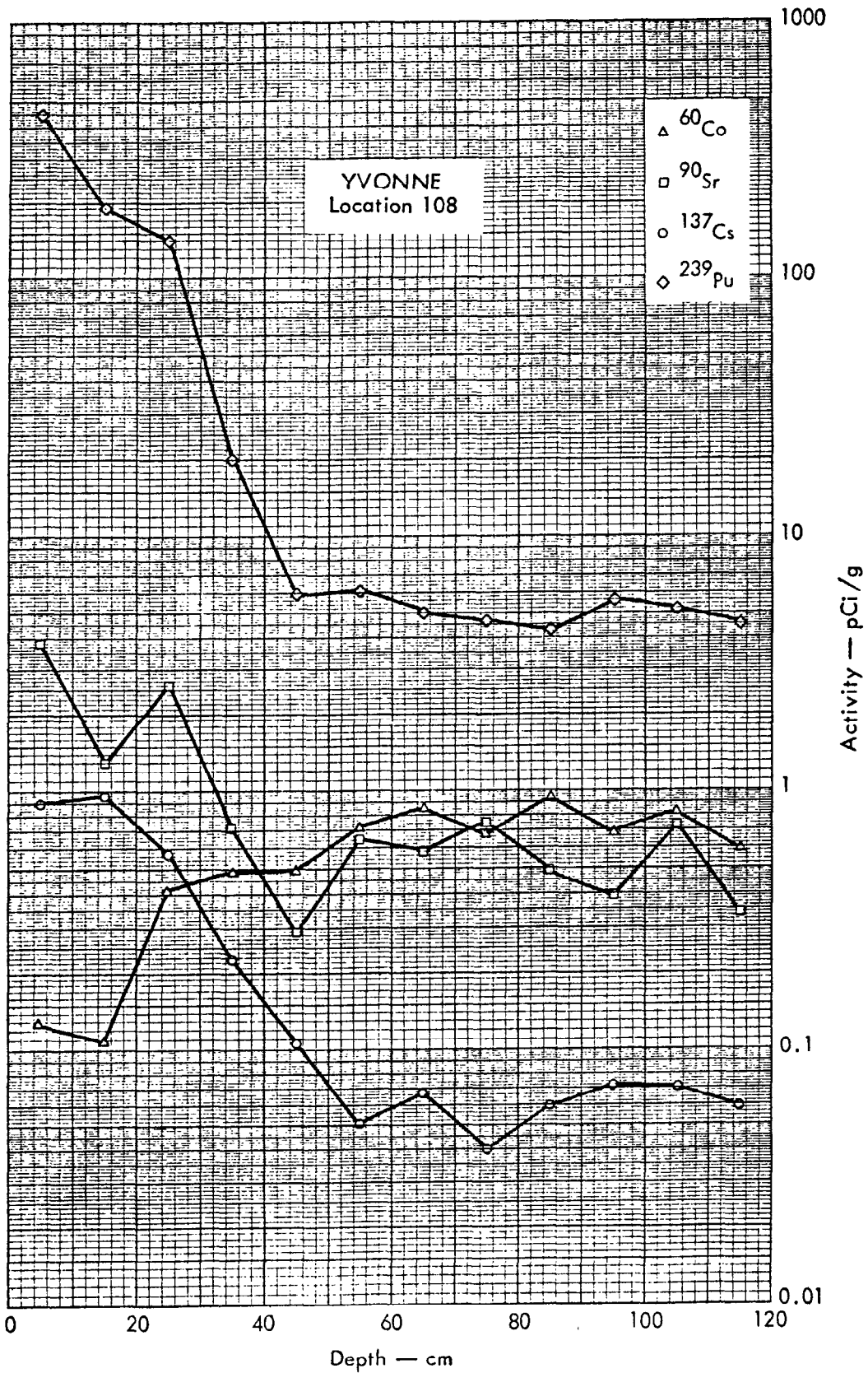


Fig. B. 23.2h. Activities of selected radionuclides as a function of soil depth.

(64)

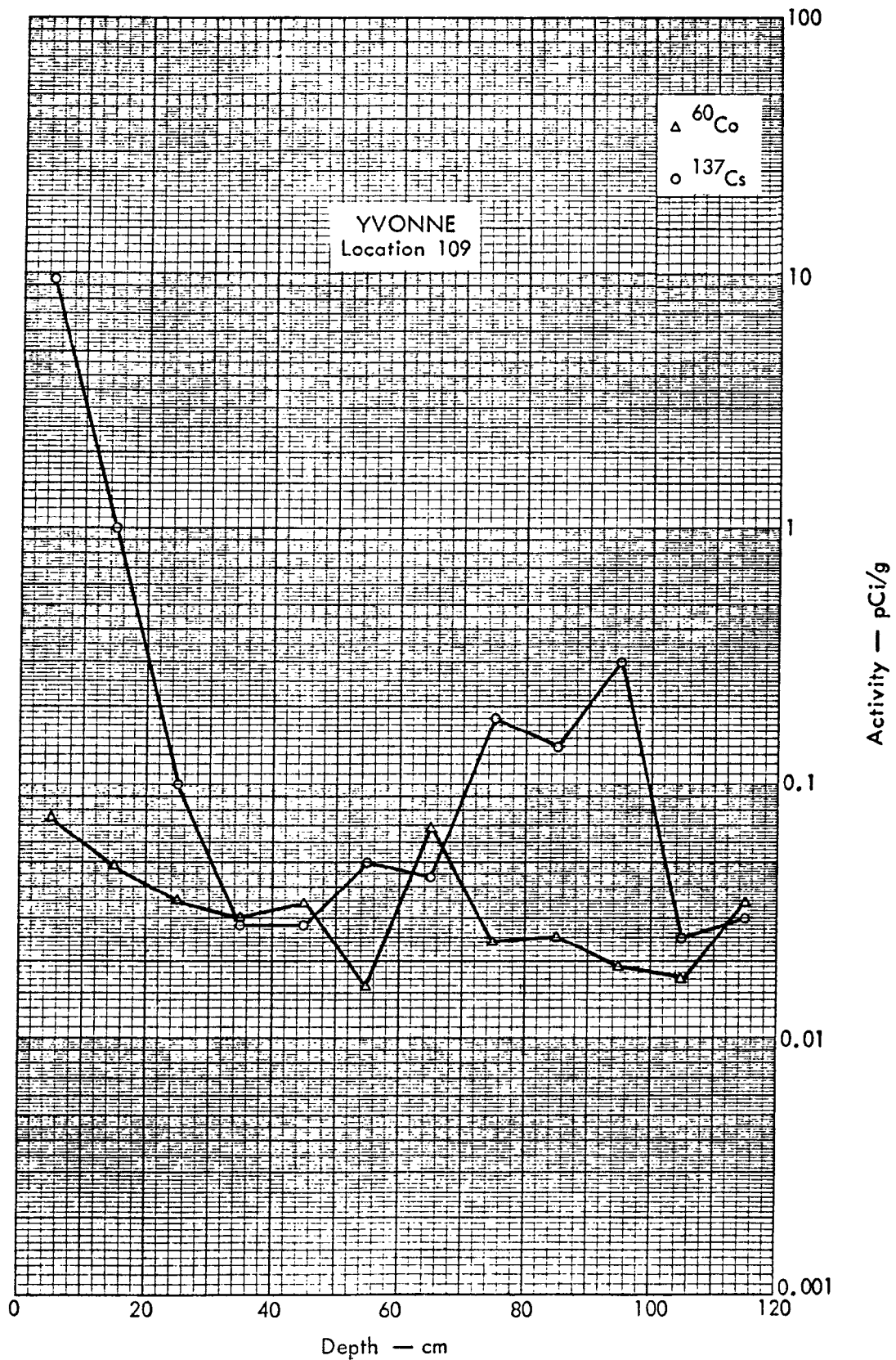


Fig. B. 23.2i. Activities of selected radionuclides as a function of soil depth.

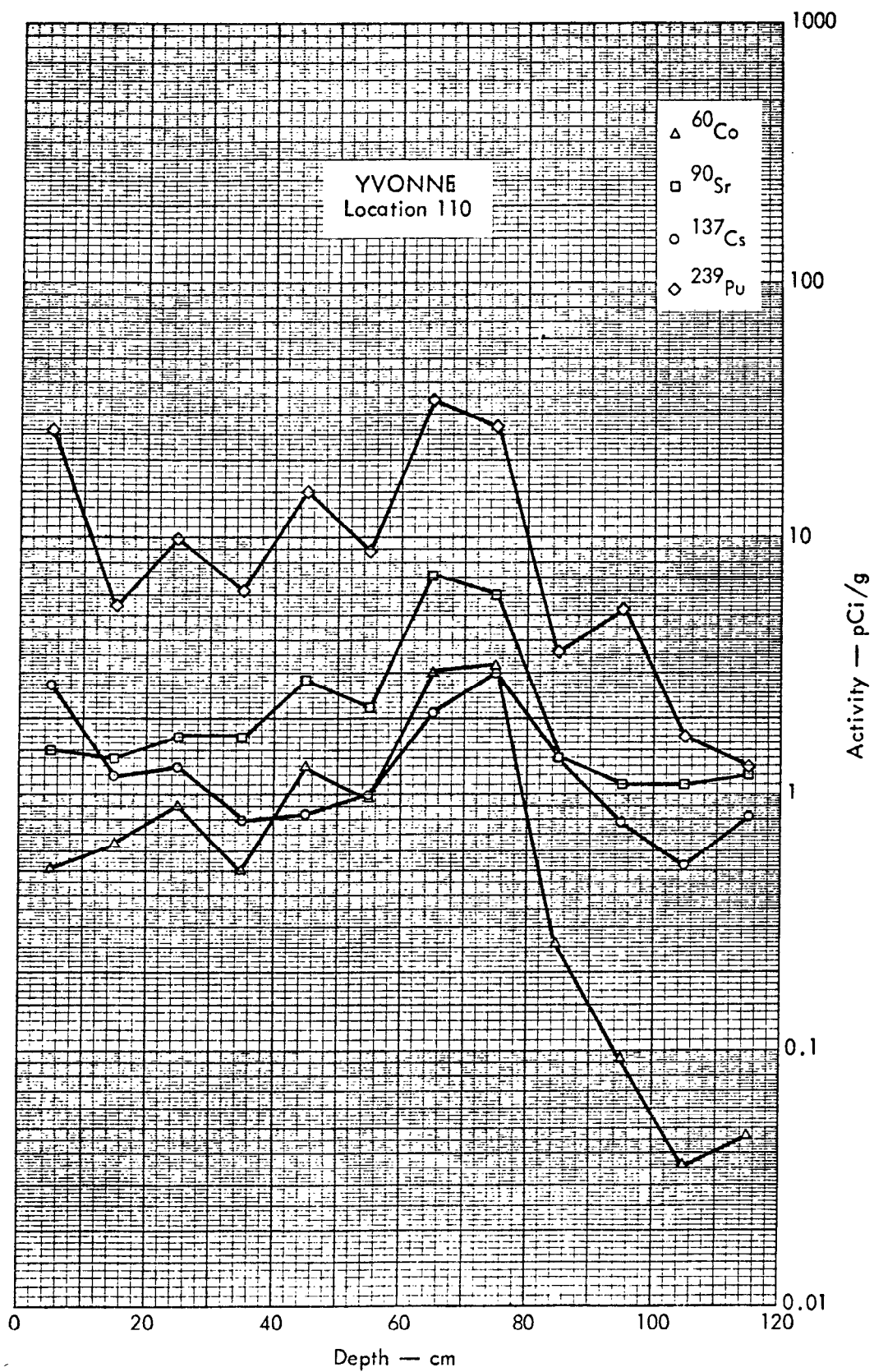


Fig. B. 23.2j. Activities of selected radionuclides as a function of soil depth.

(66)

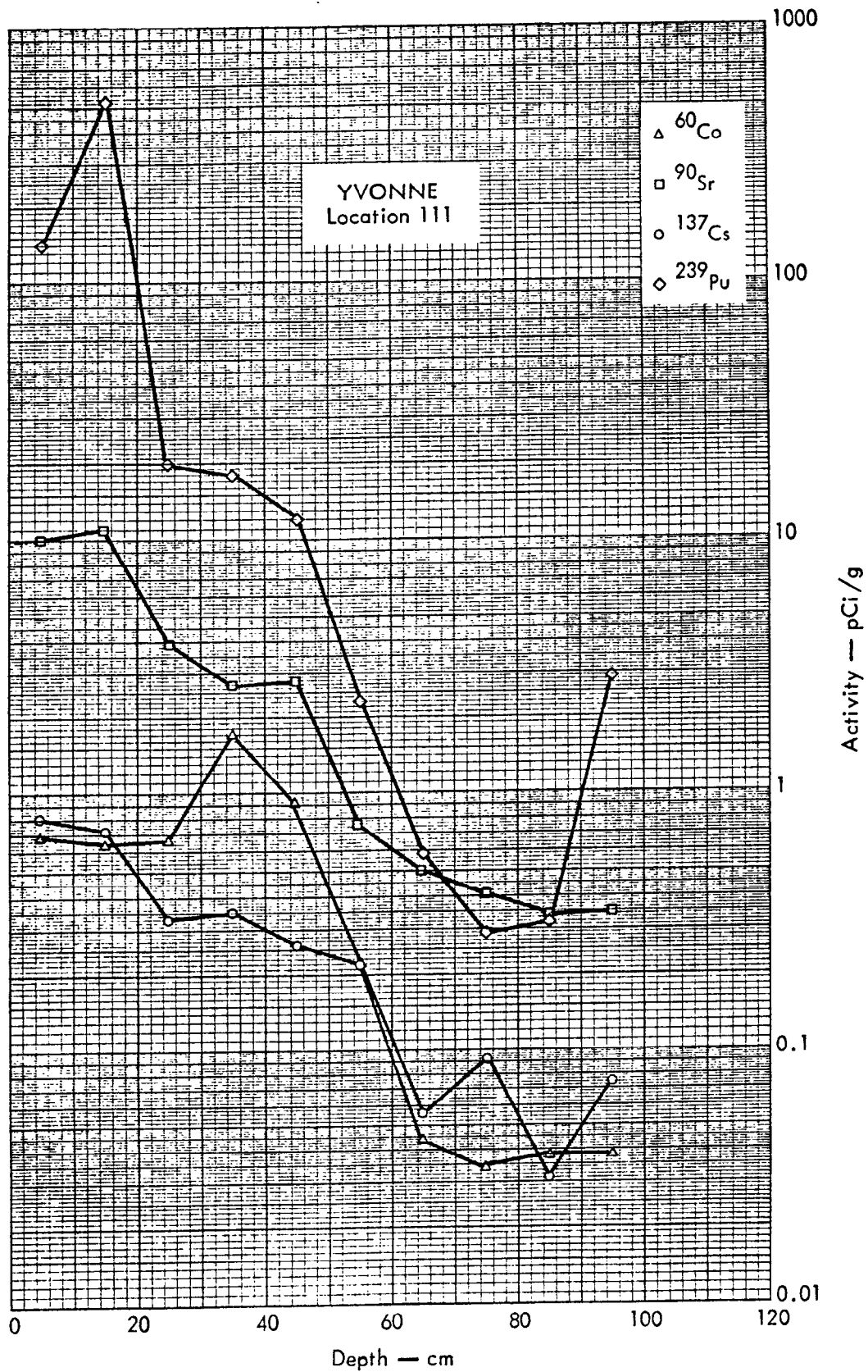


Fig. B. 23.2k. Activities of selected radionuclides as a function of soil depth.

67

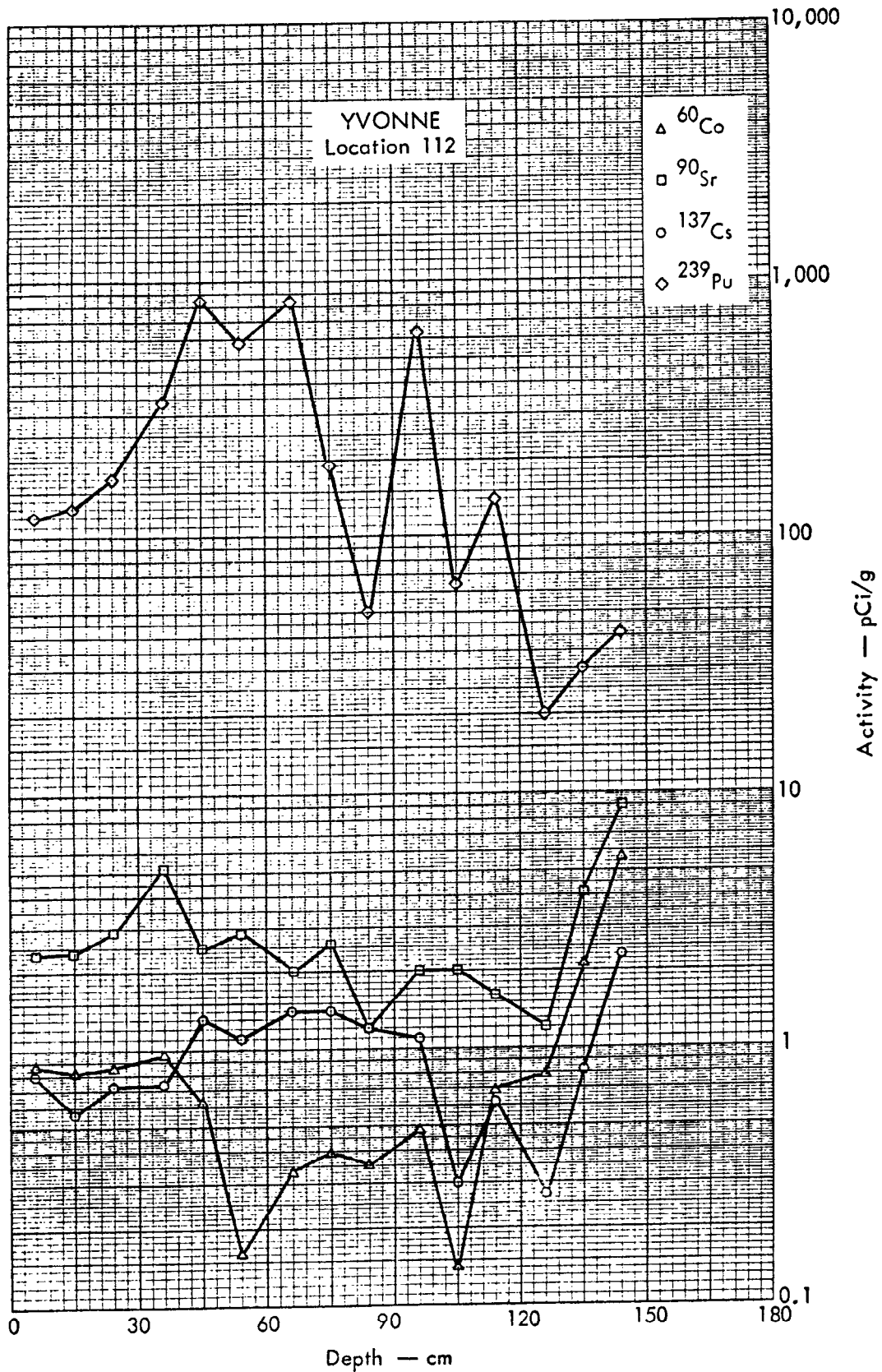


Fig. B. 23.21. Activities of selected radionuclides as a function of soil depth.

168

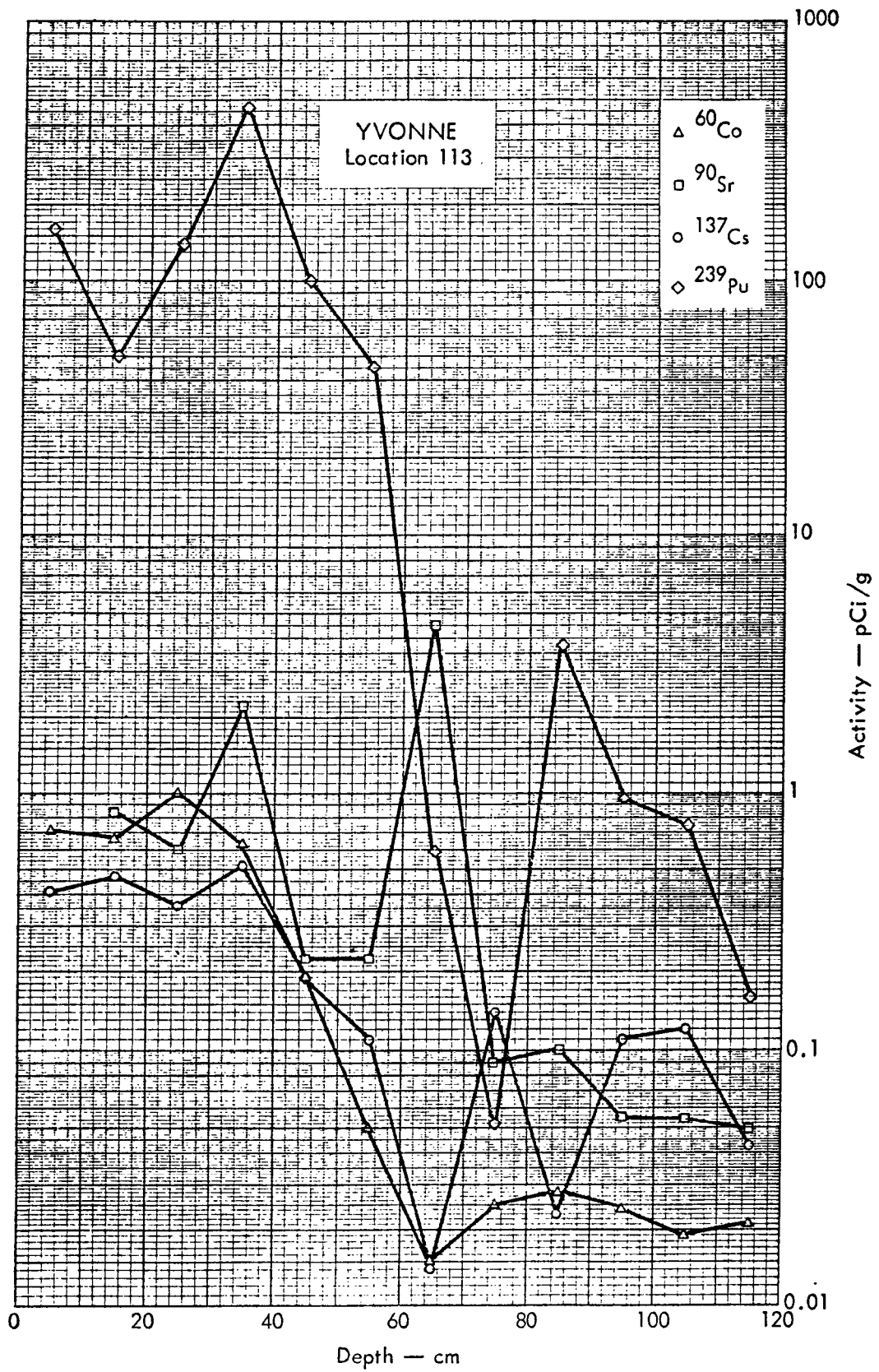


Fig. B. 23.2m. Activities of selected radionuclides as a function of soil depth.

69

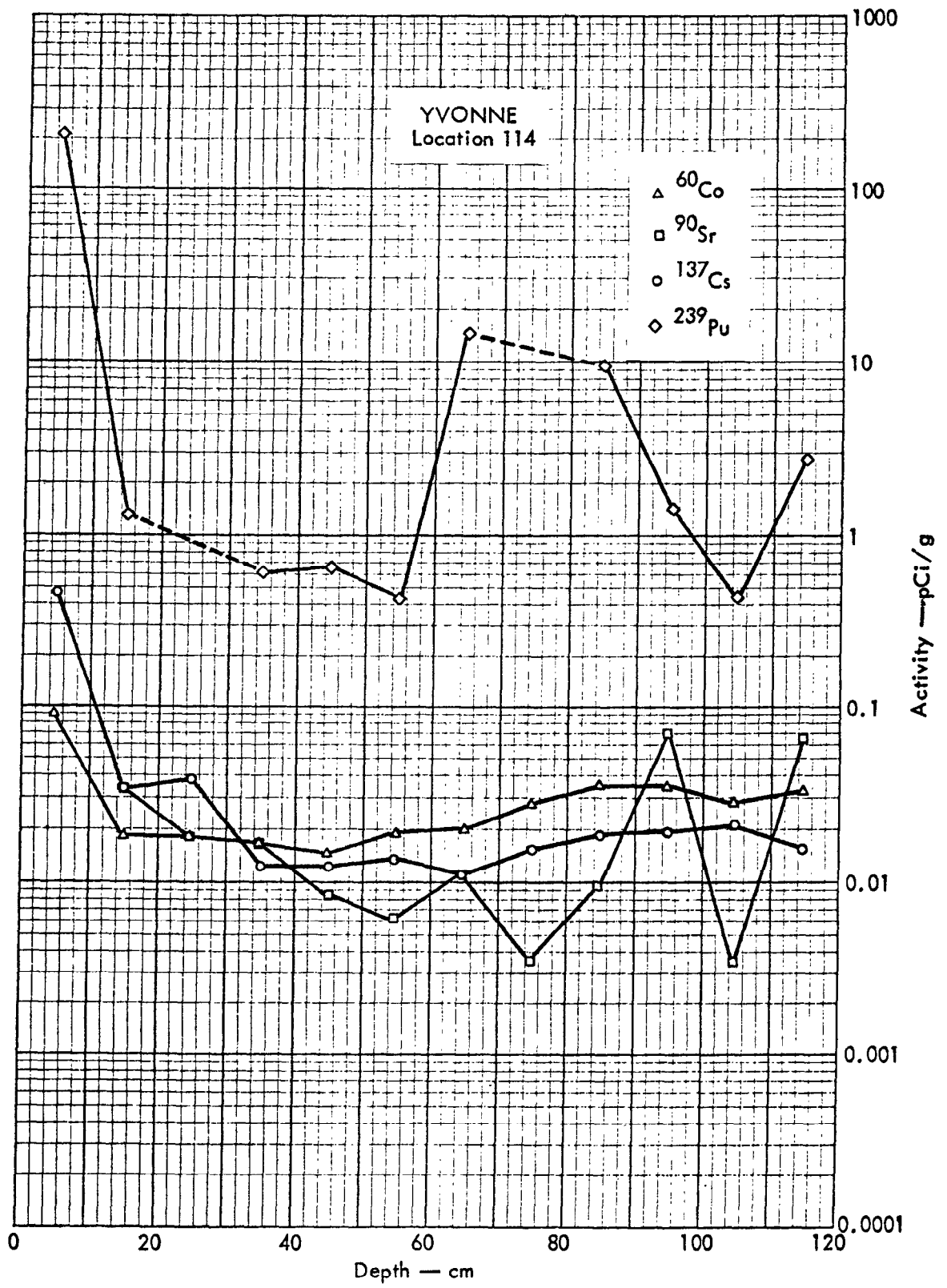


Fig. B. 23.2n. Activities of selected radionuclides as a function of soil depth.

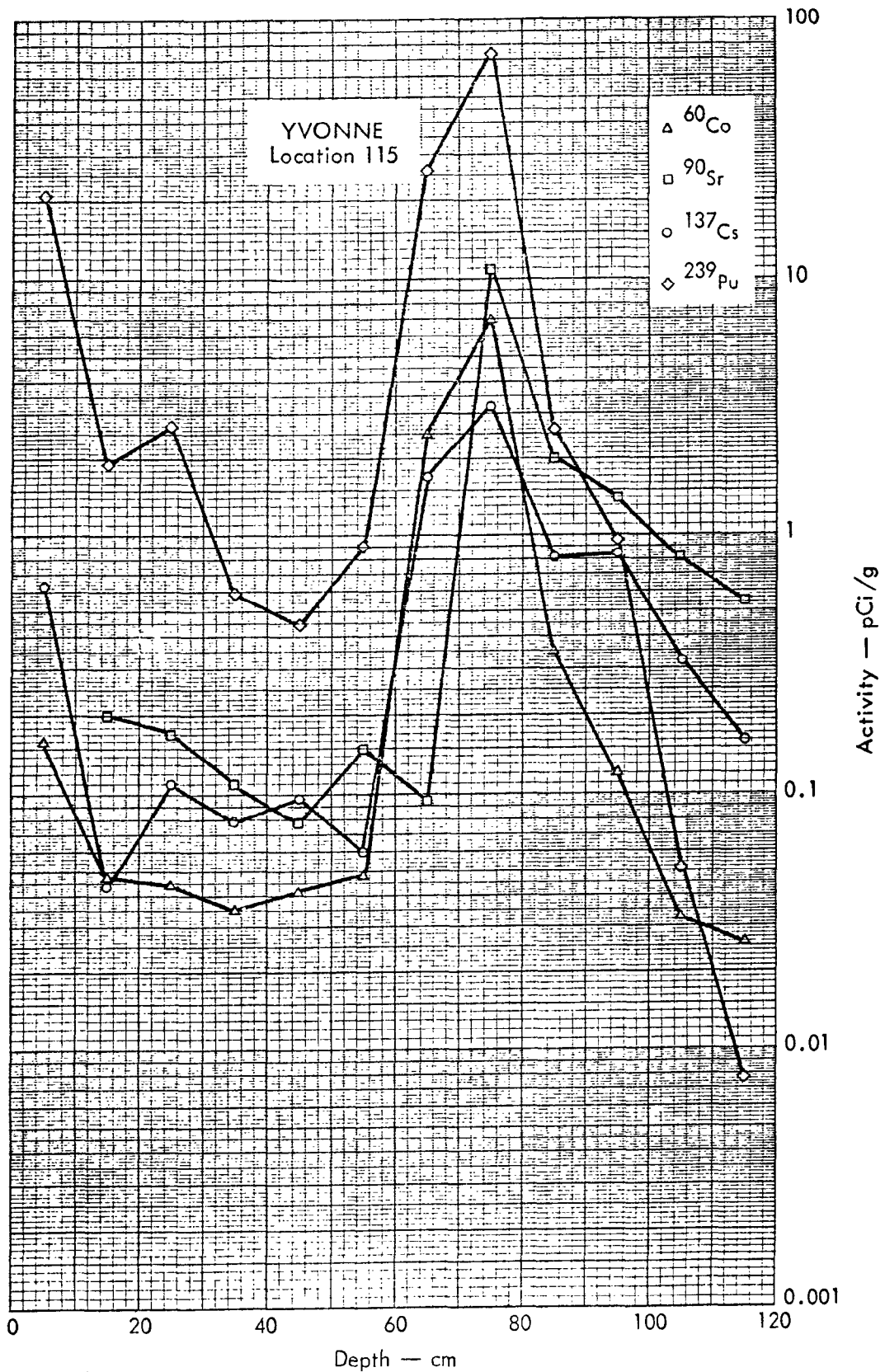


Fig. B. 23.20. Activities of selected radionuclides as a function of soil depth.

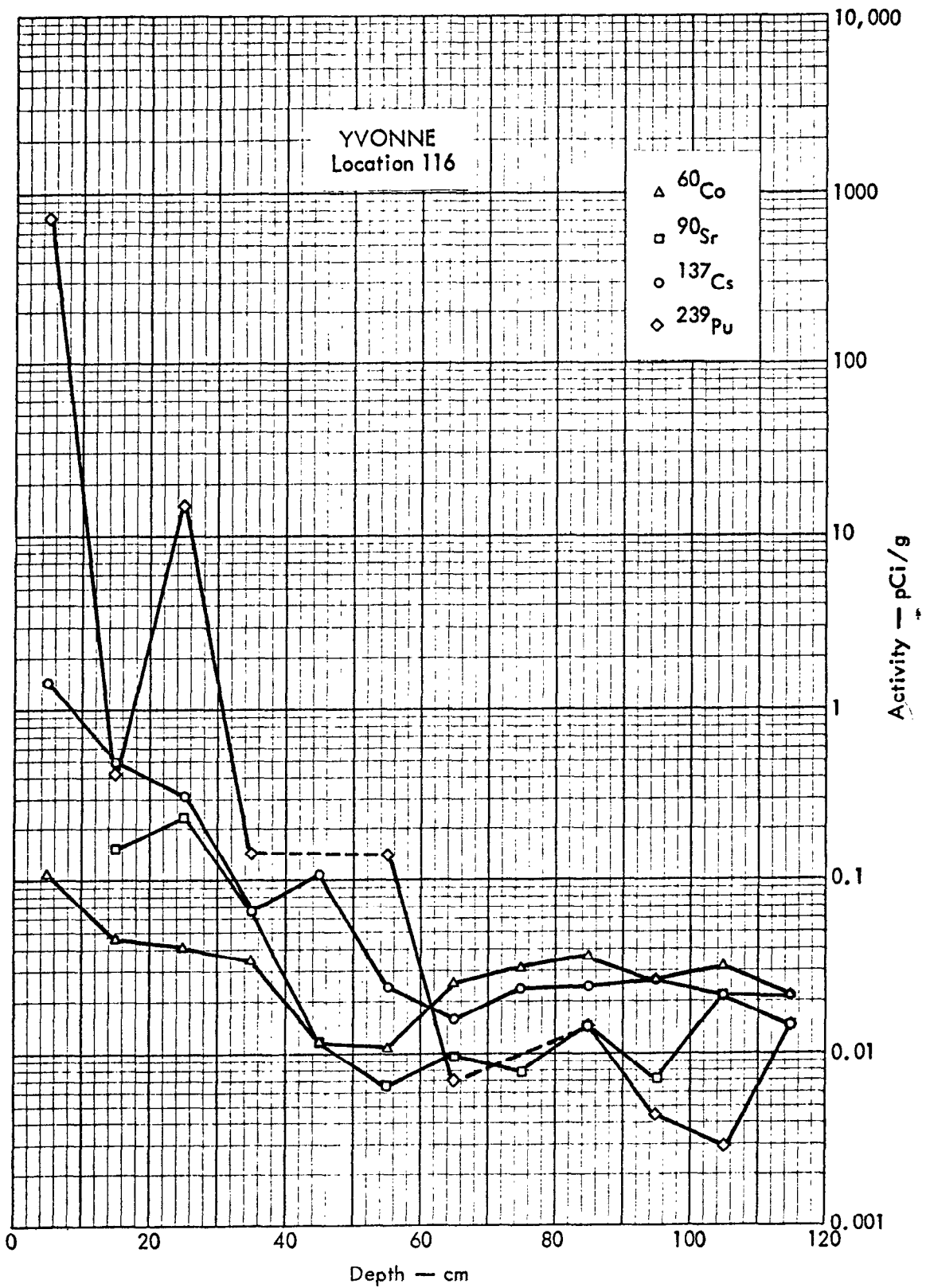


Fig. B. 23.2p. Activities of selected radionuclides as a function of soil depth.

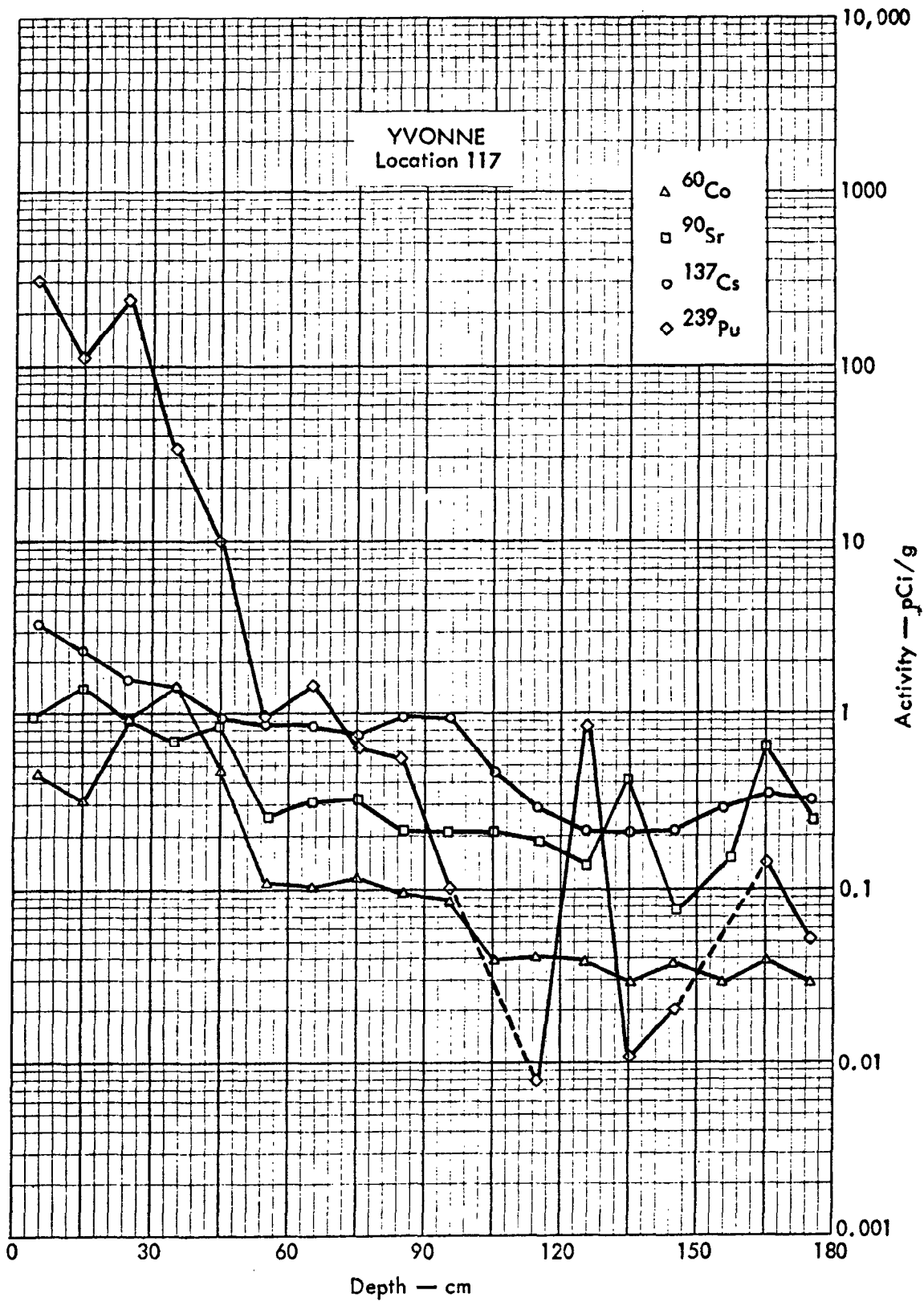


Fig. B. 23.2q. Activities of selected radionuclides as a function of soil depth.

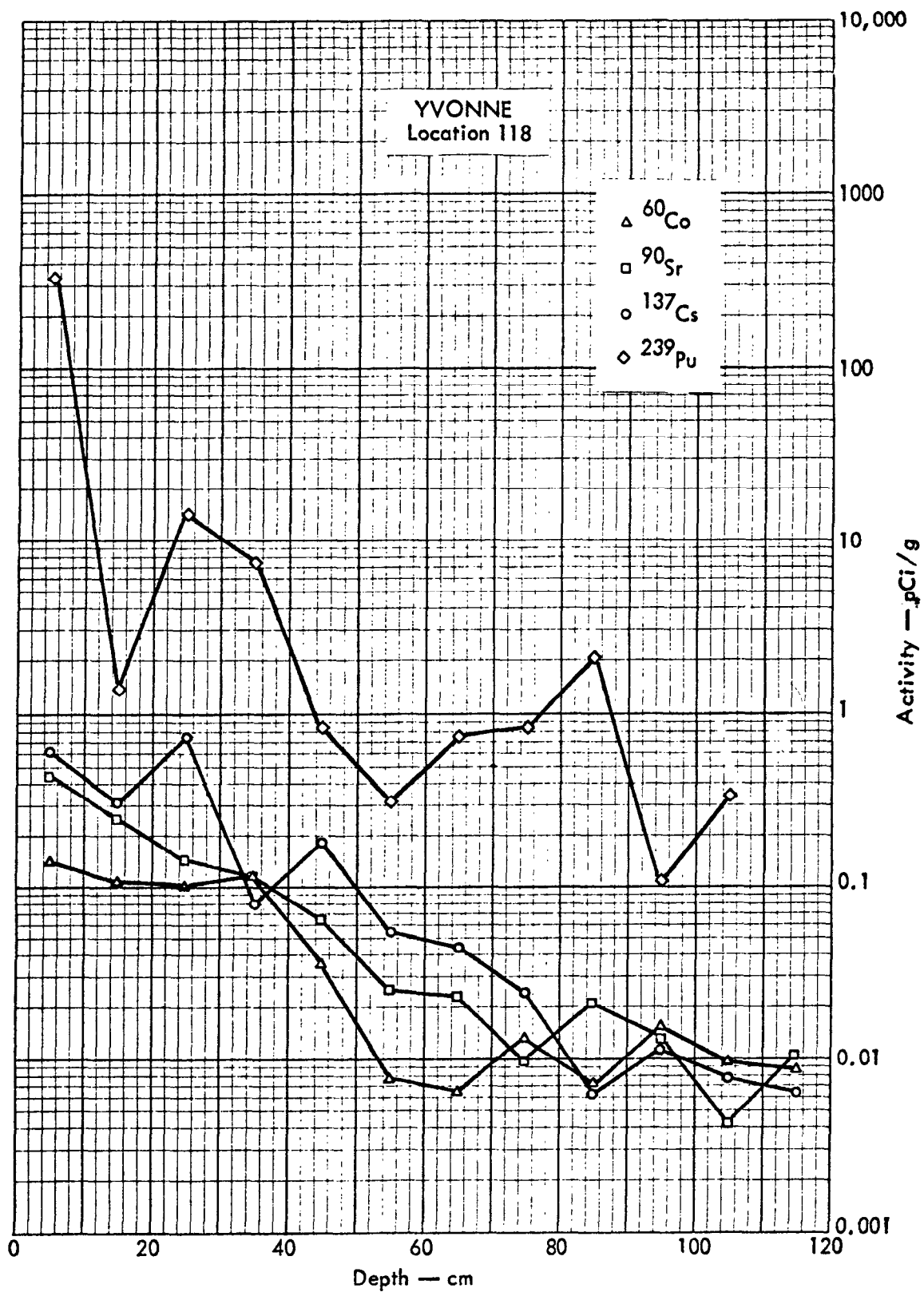


Fig. B. 23.2r. Activities of selected radionuclides as a function of soil depth.

(74)

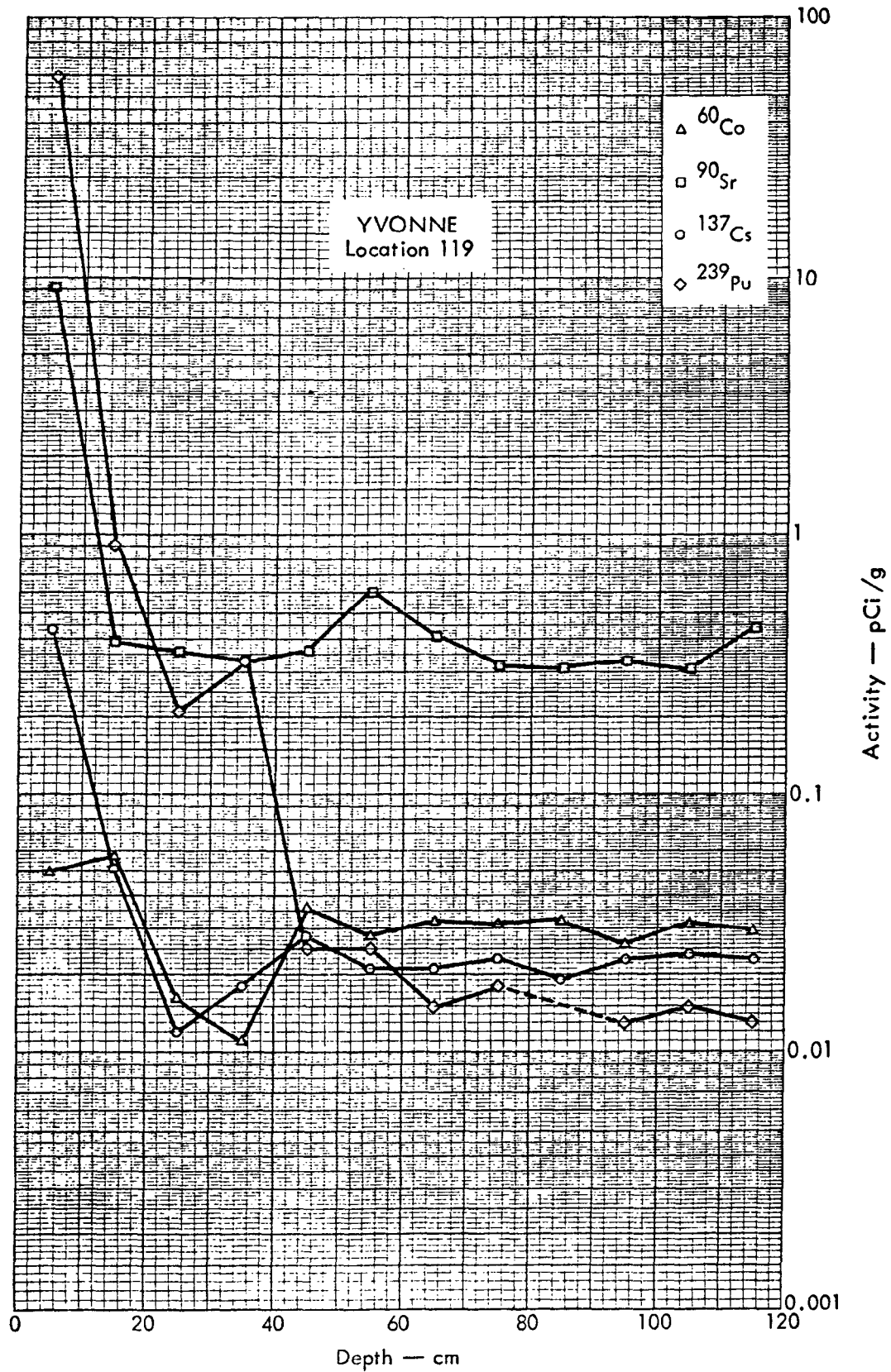


Fig. B. 23.2s. Activities of selected radionuclides as a function of soil depth

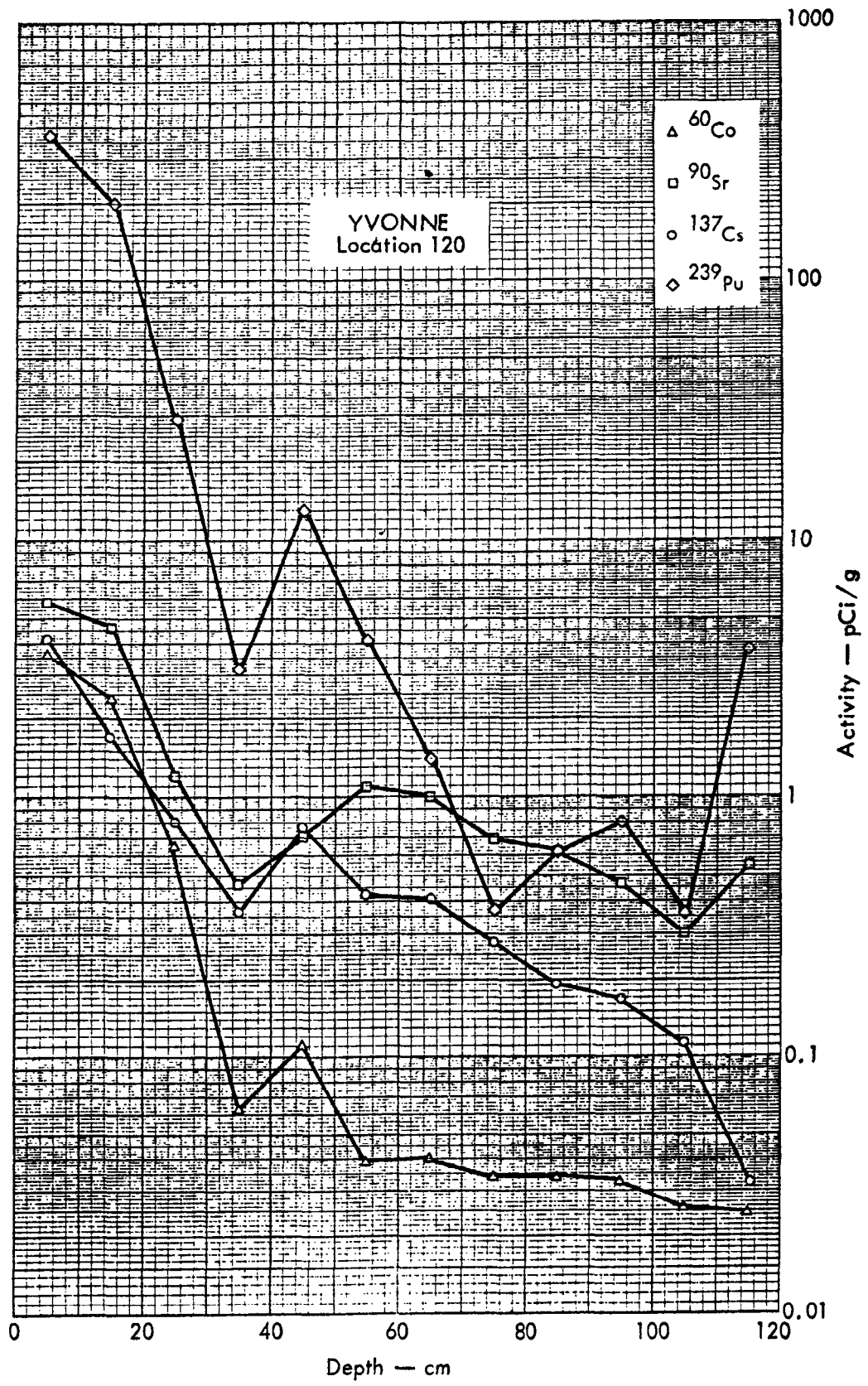


Fig. B. 23.2t. Activities of selected radionuclides as a function of soil depth.

(76)

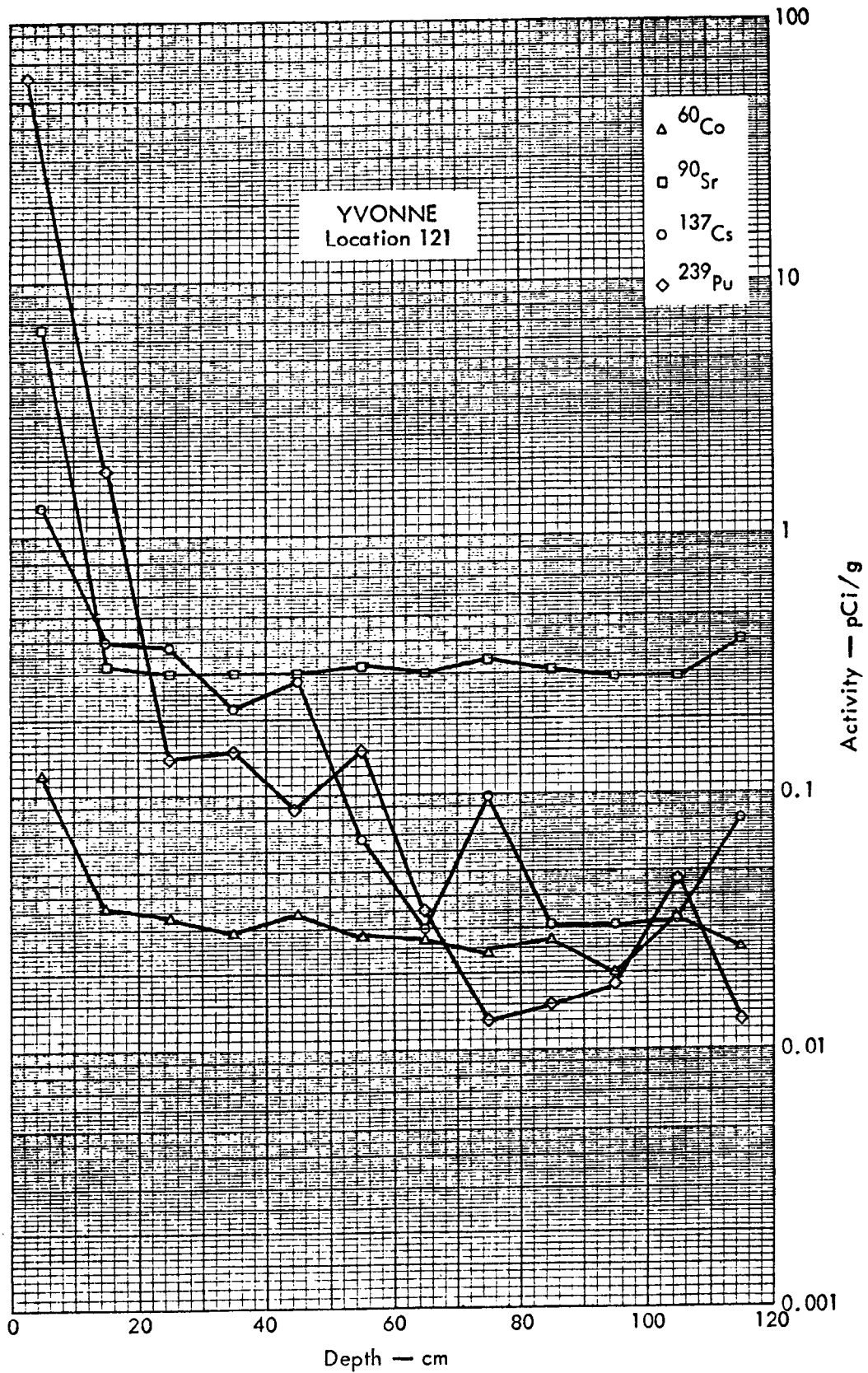


Fig. B. 23.2u. Activities of selected radionuclides as a function of soil depth.

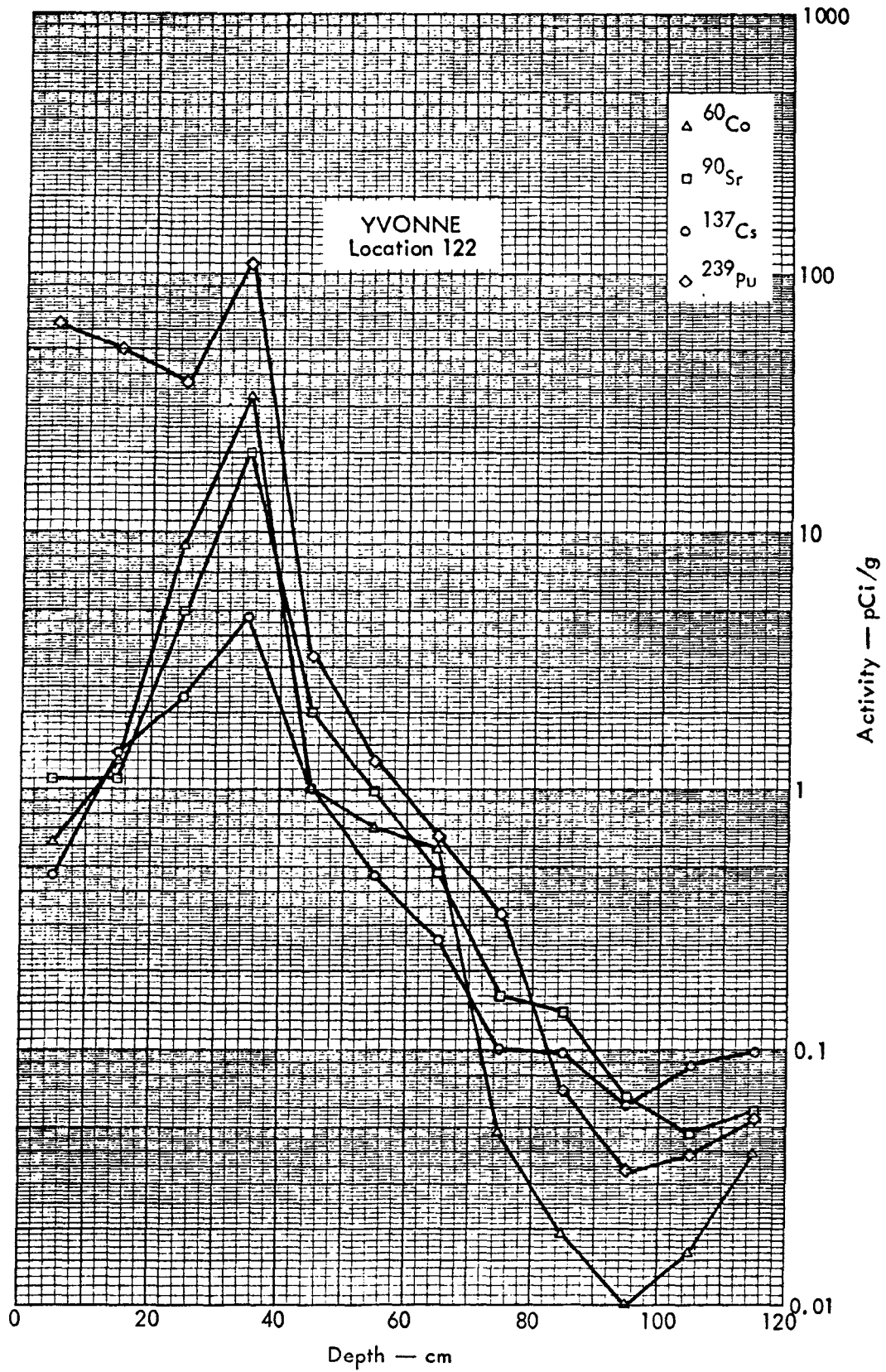


Fig. B. 23.2v. Activities of selected radionuclides as a function of soil depth.

14

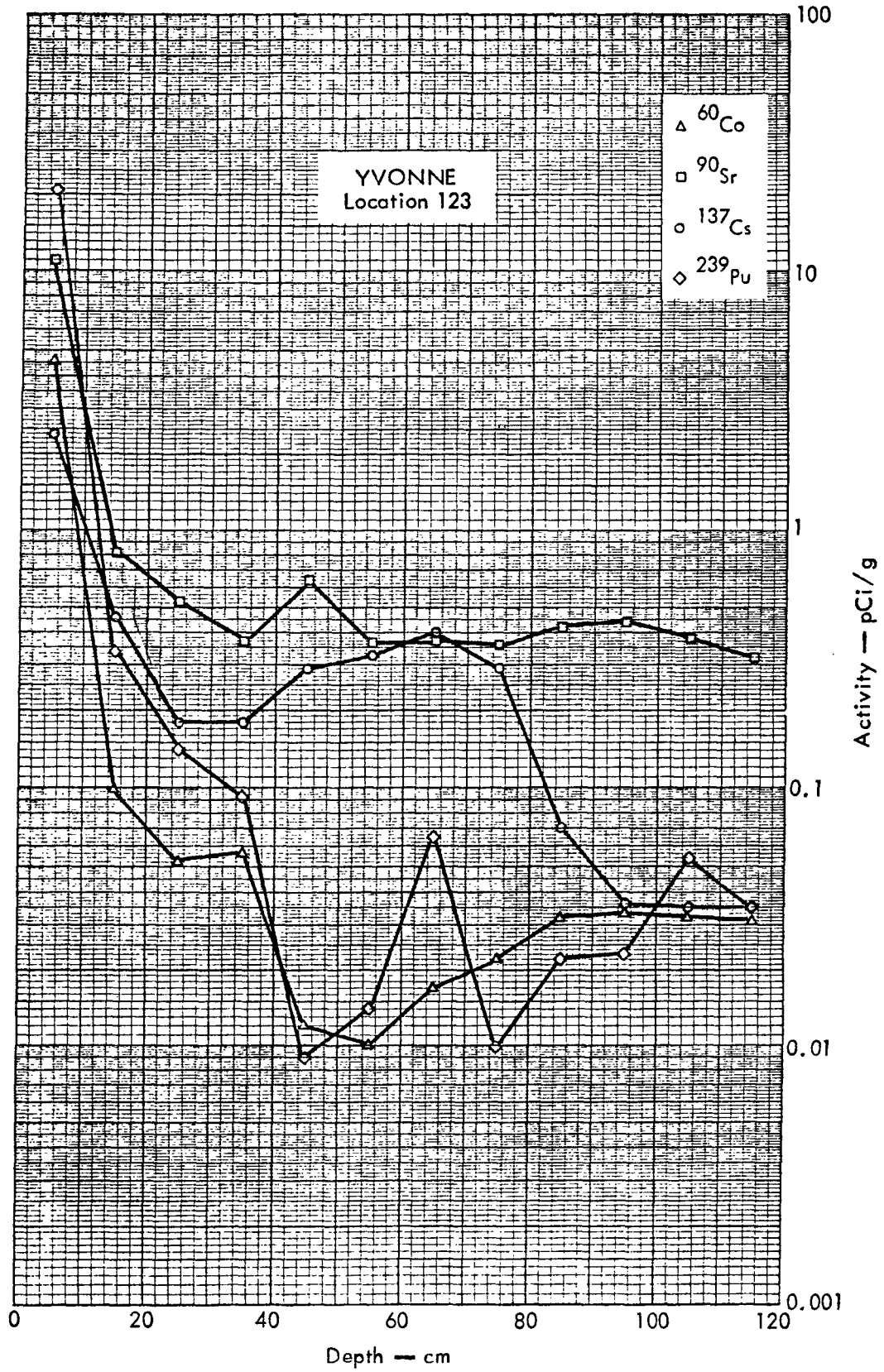


Fig. B. 23.2w. Activities of selected radionuclides as a function of soil depth.

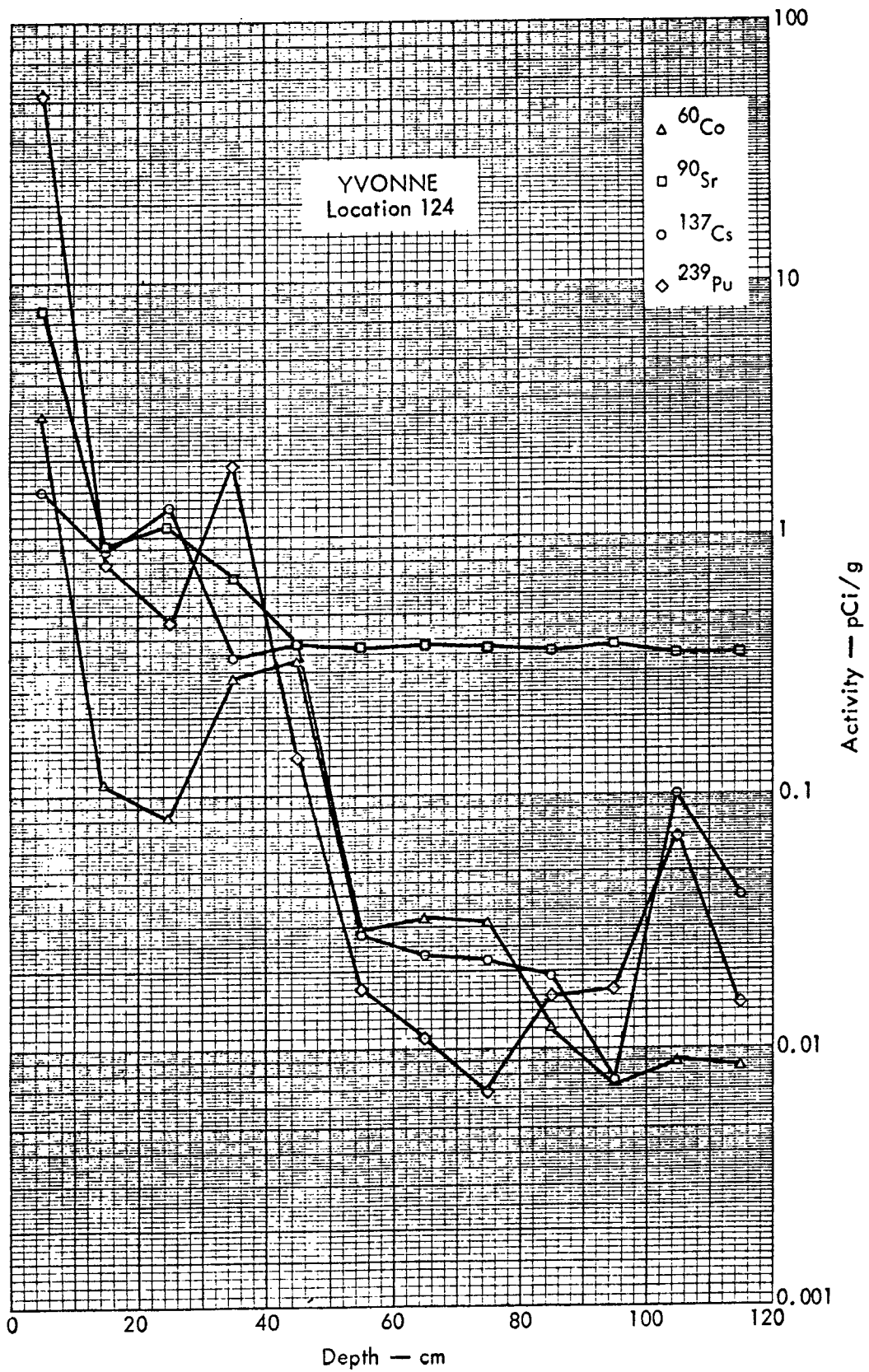


Fig. B. 23.2x. Activities of selected radionuclides as a function of soil depth.

(10)

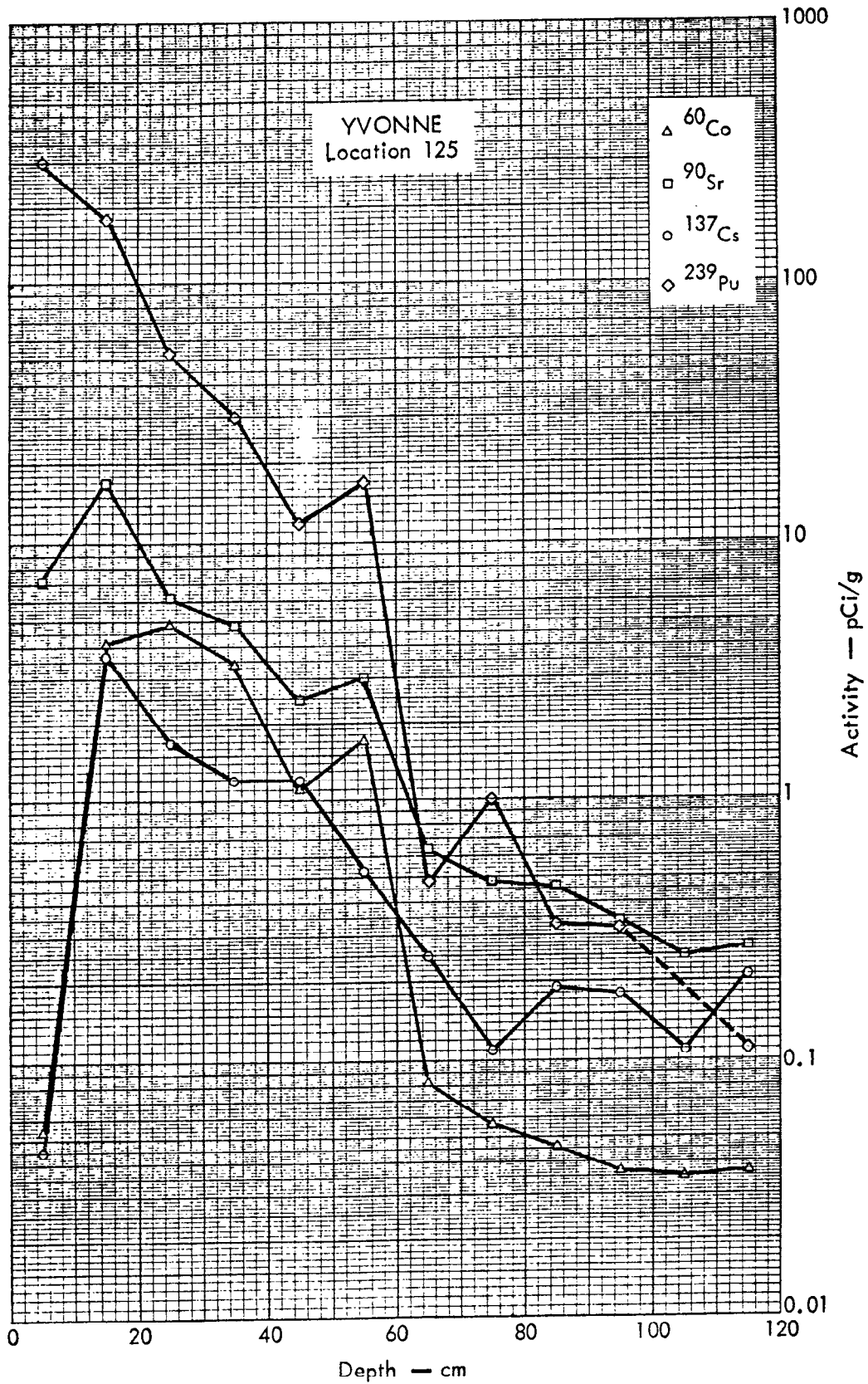


Fig. B. 23.2y. Activities of selected radionuclides as a function of soil depth.

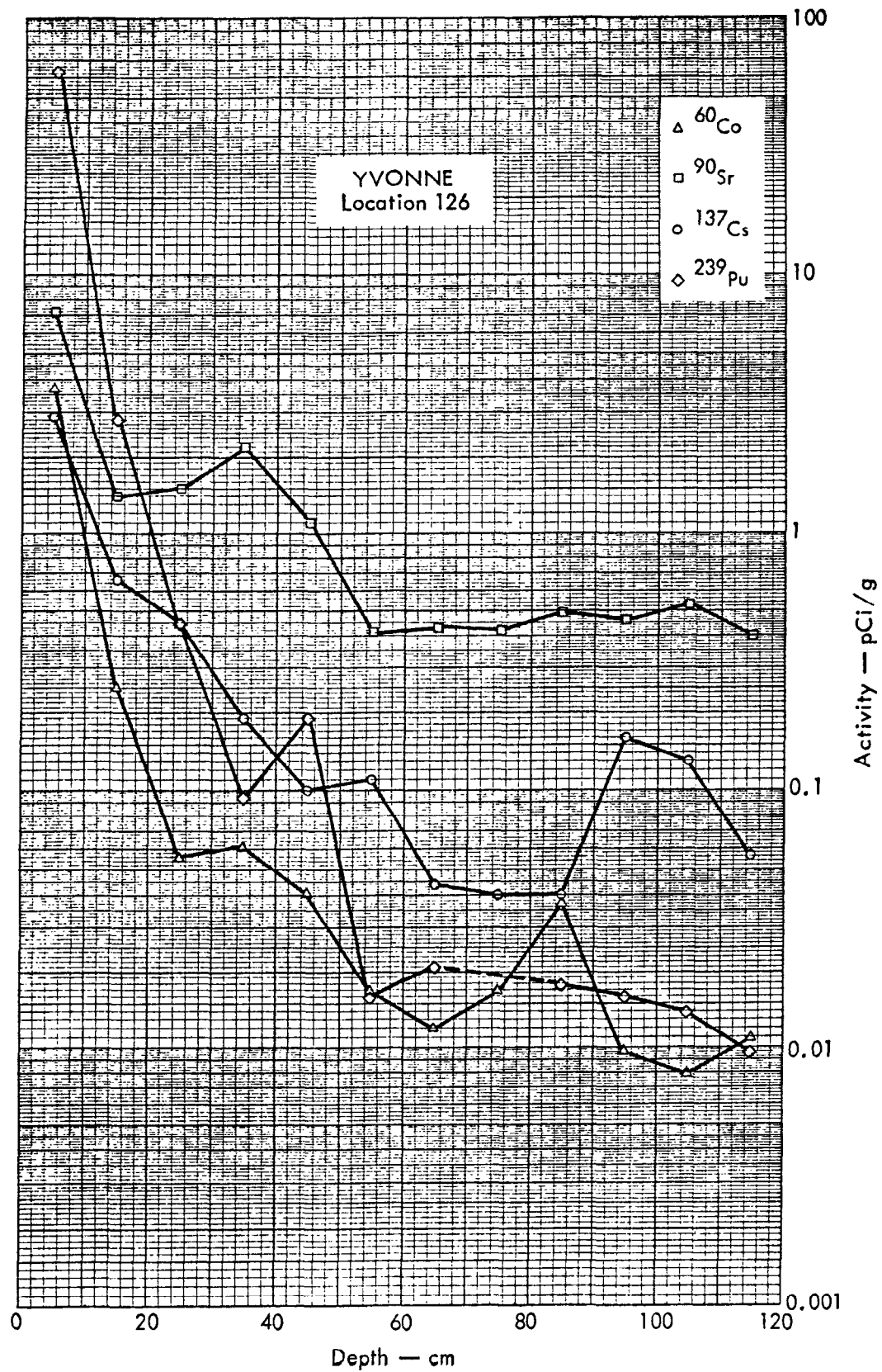


Fig. B. 23.2z. Activities of selected radionuclides as a function of soil depth.

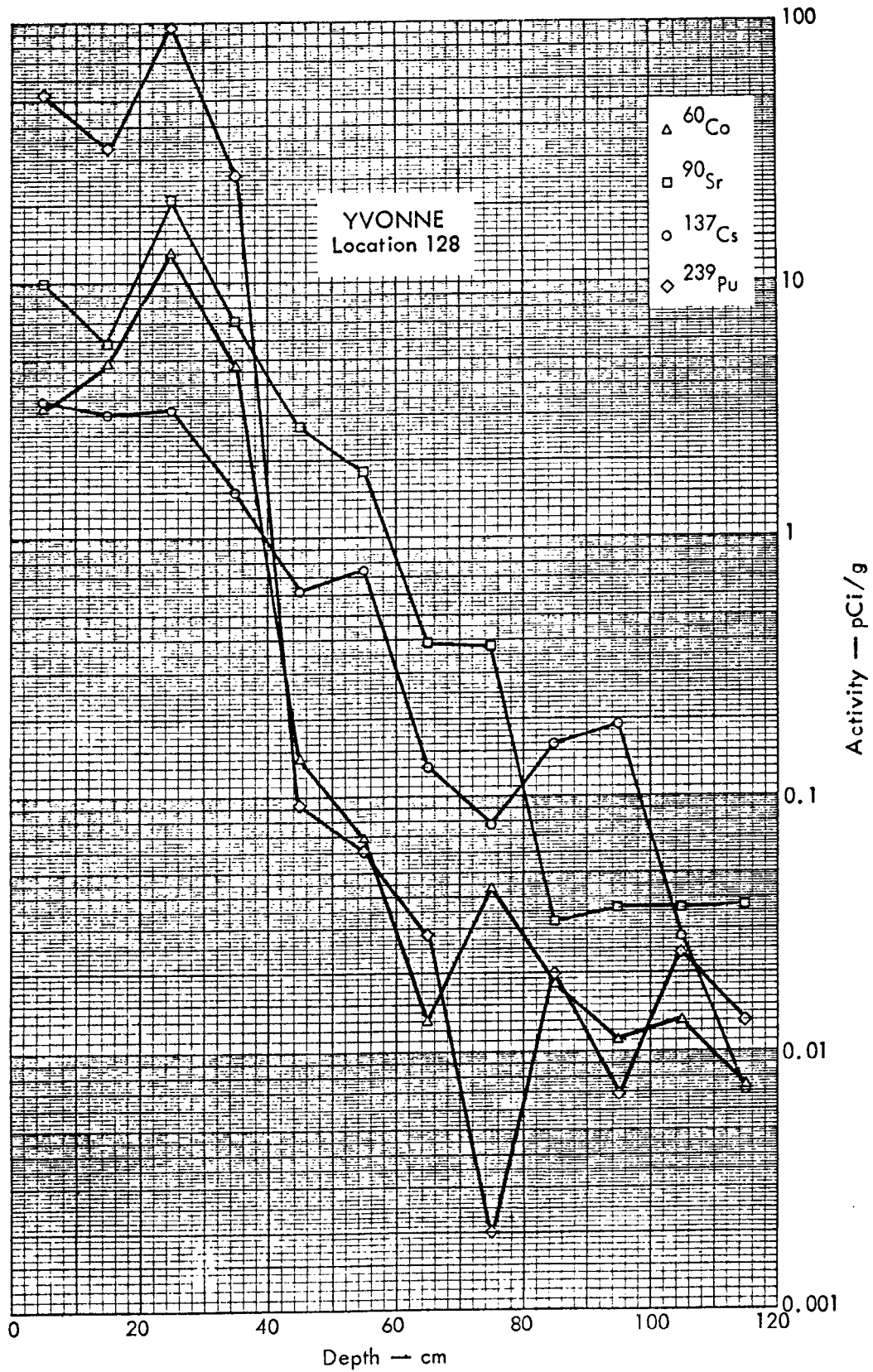


Fig. B. 23.2aa. Activities of selected radionuclides as a function of soil depth.

(13)

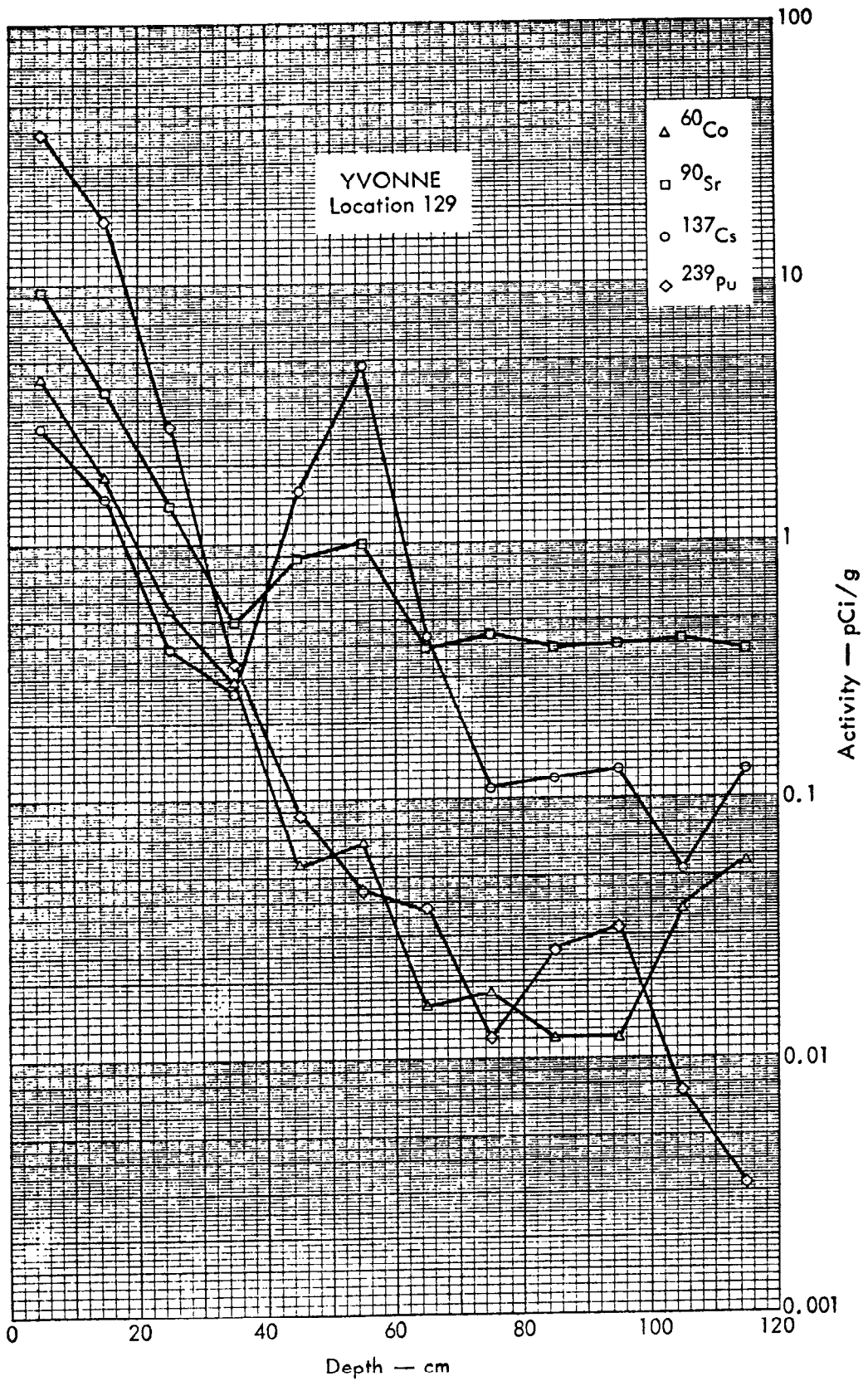


Fig. B. 23.2bb. Activities of selected radionuclides as a function of soil depth.

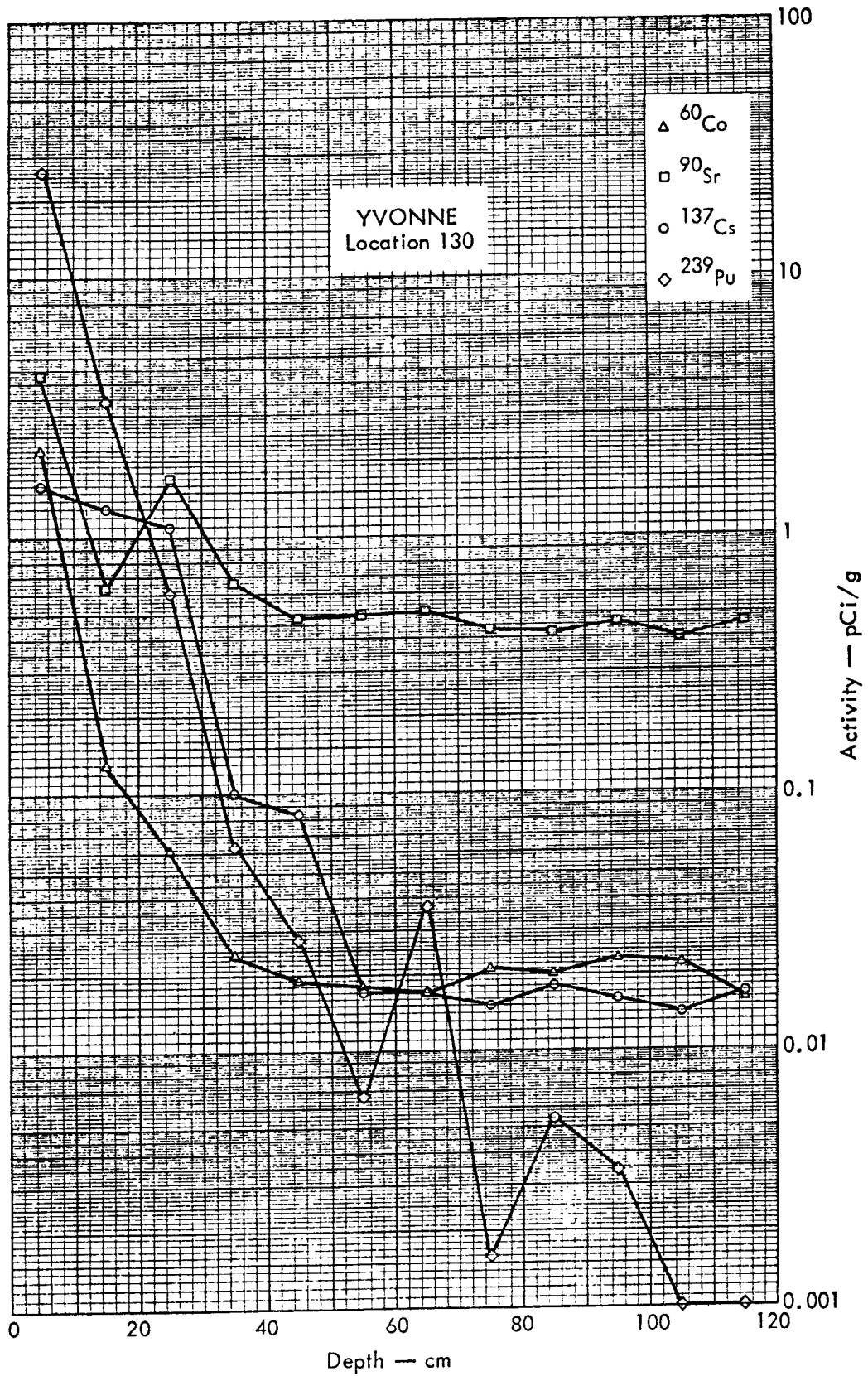


Fig. B. 23.2cc. Activities of selected radionuclides as a function of soil depth.

(9)

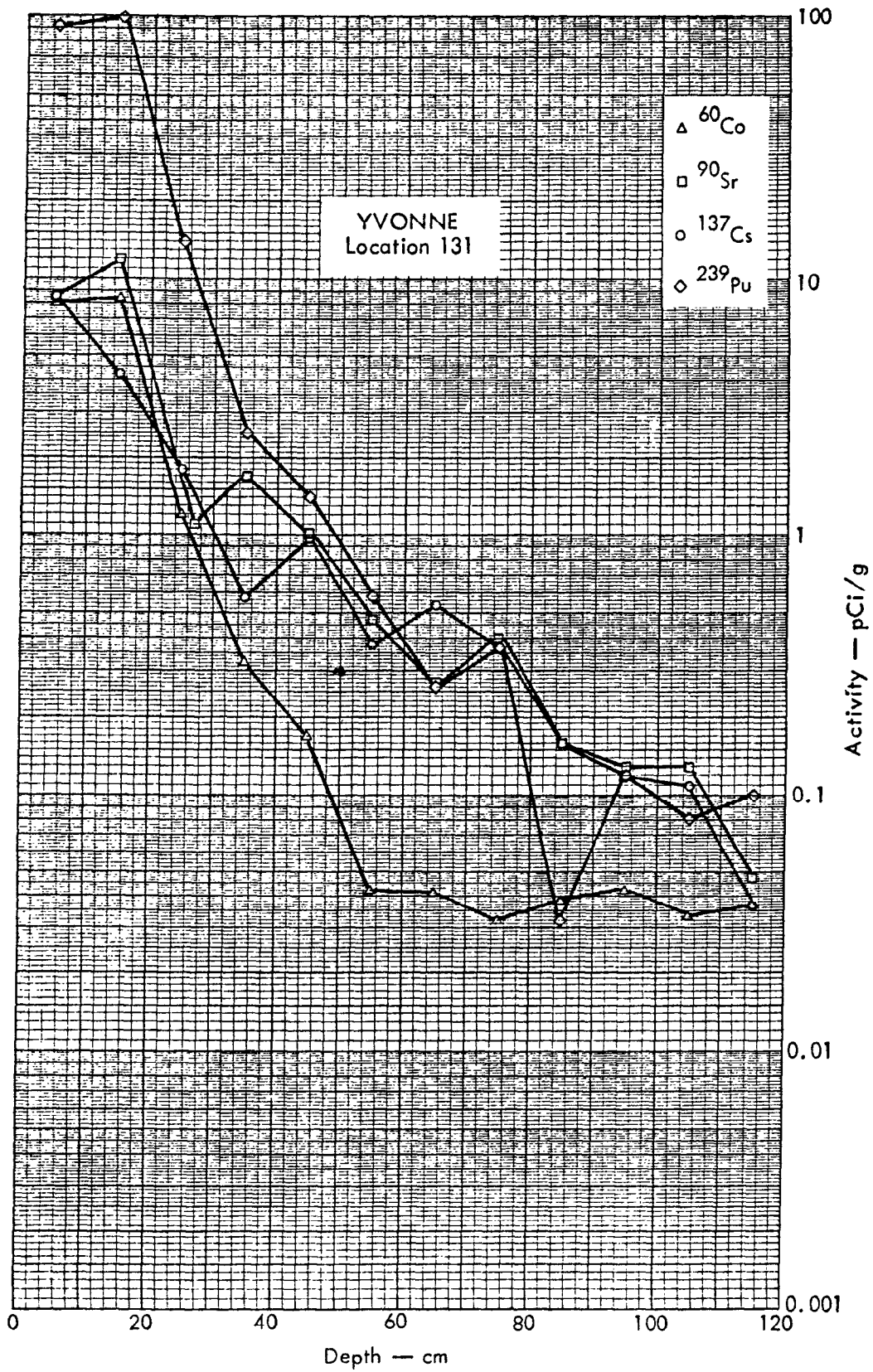


Fig. B. 23.2dd. Activities of selected radionuclides as a function of soil depth

(96)

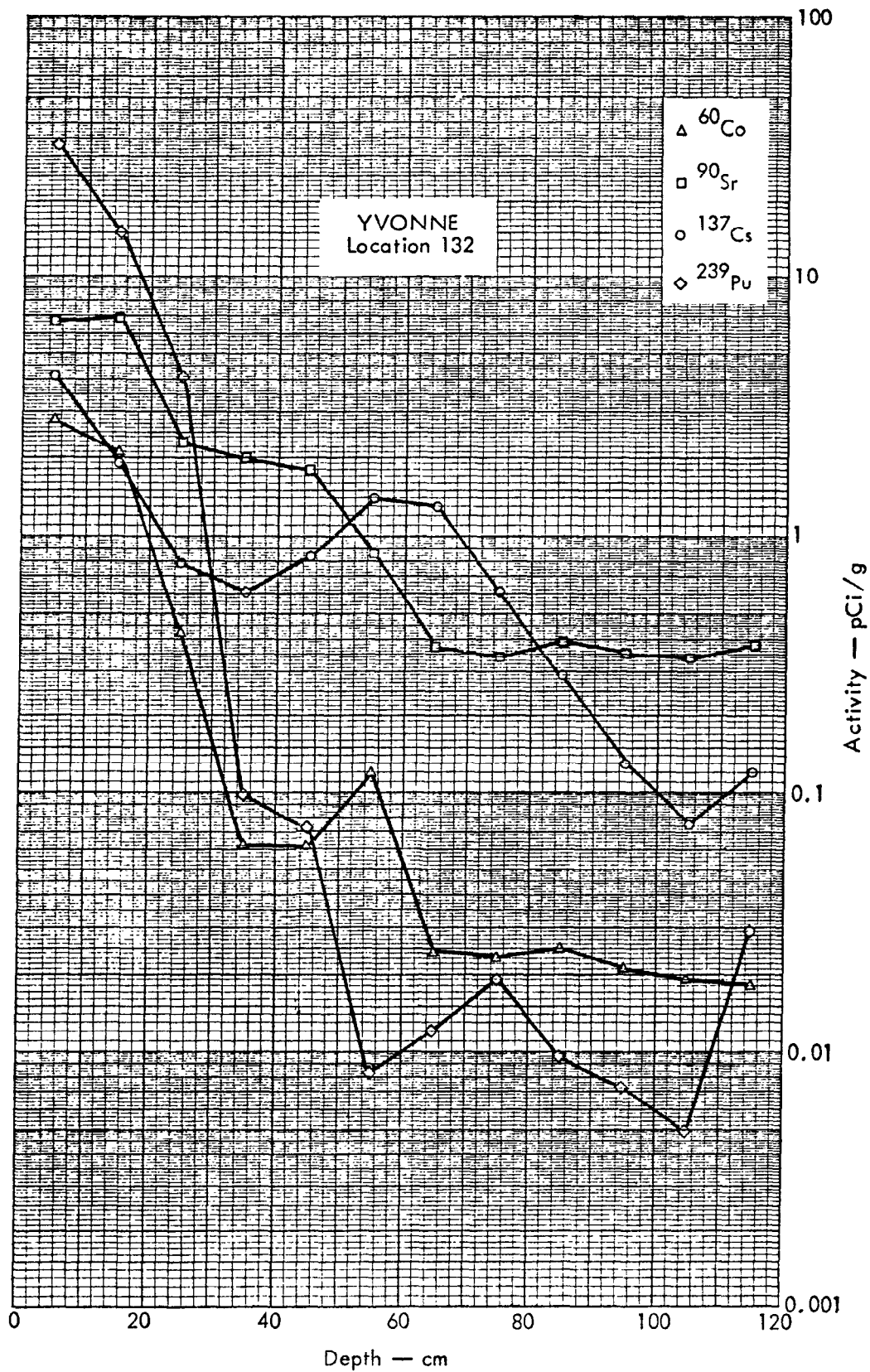


Fig. B. 23.2ee. Activities of selected radionuclides as a function of soil depth.

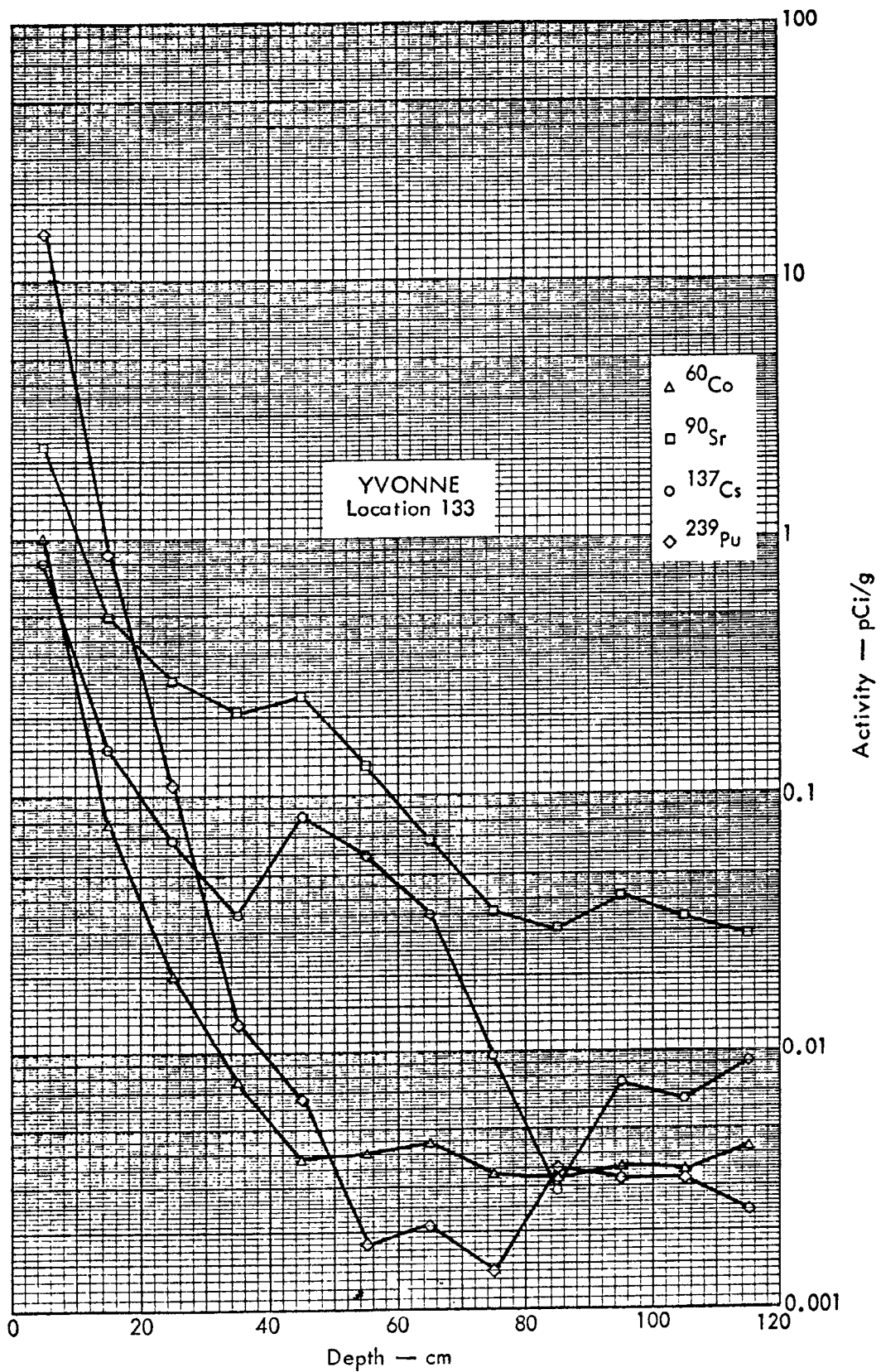


Fig. B. 23.2ff. Activities of selected radionuclides as a function of soil depth.

(45)

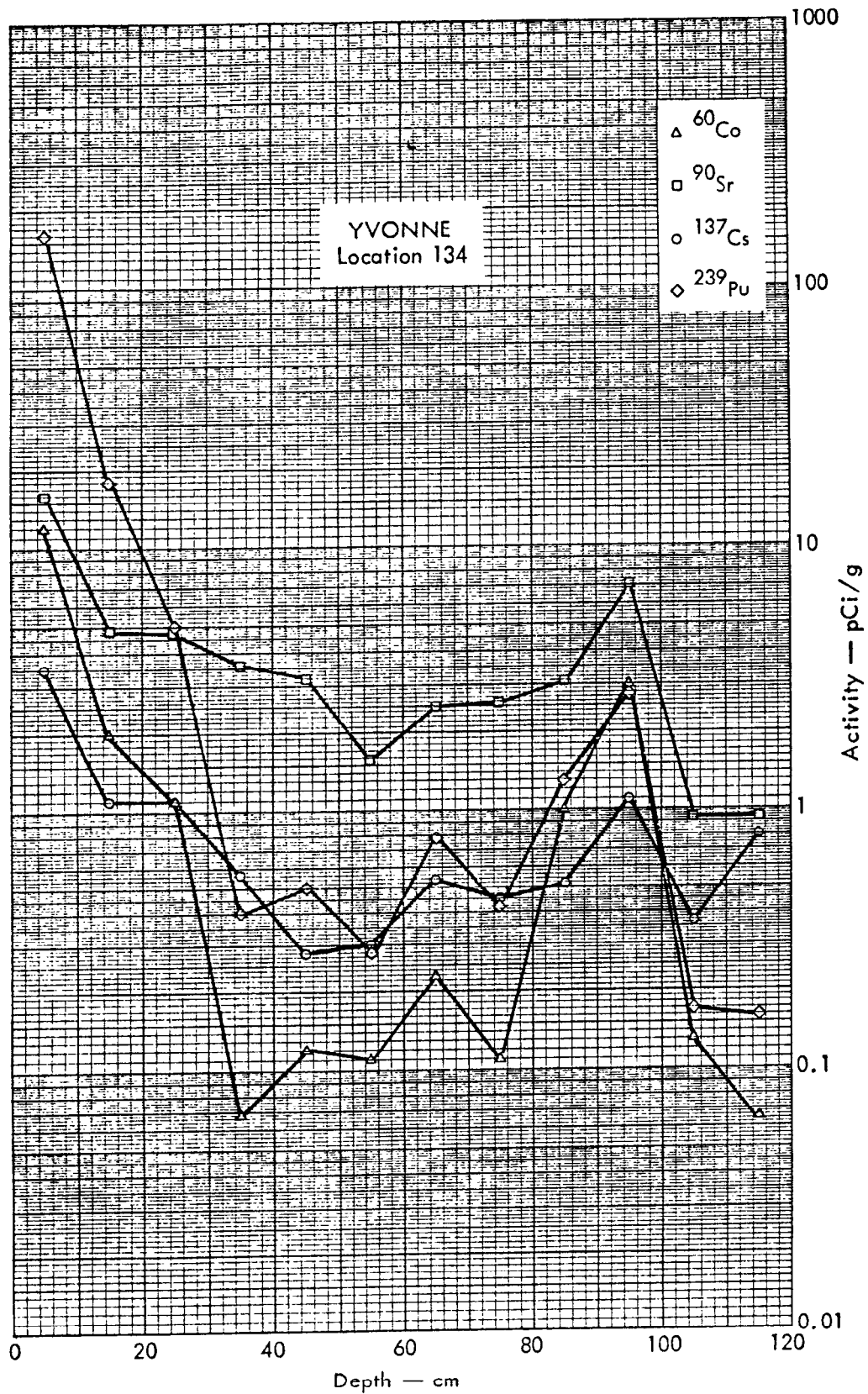


Fig. B. 23.2gg. Activities of selected radionuclides as a function of soil depth.

29

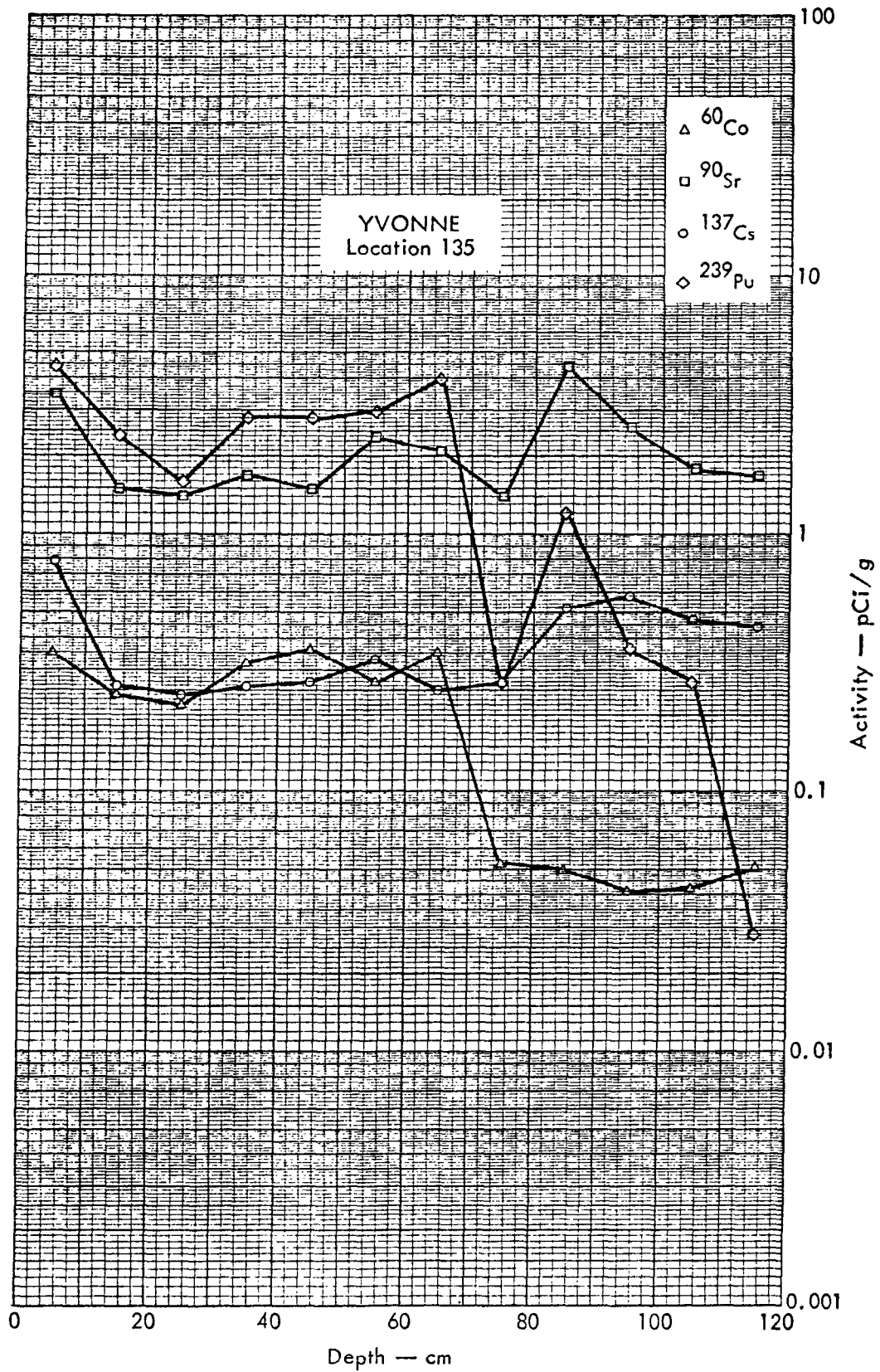


Fig. B. 23.2hh. Activities of selected radionuclides as a function of soil depth.

(90)

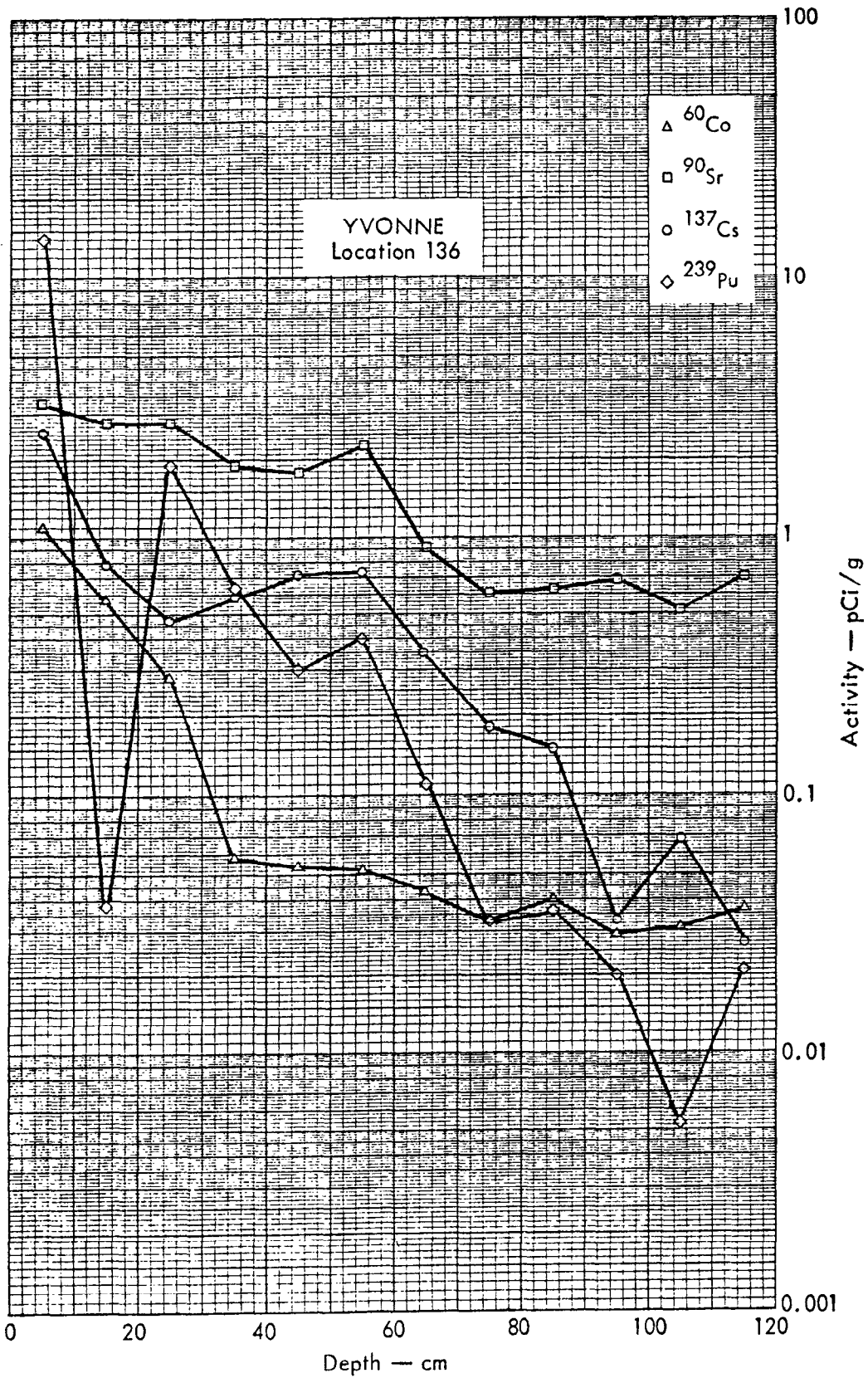


Fig. B. 23.2ii. Activities of selected radionuclides as a function of soil depth.

(91)

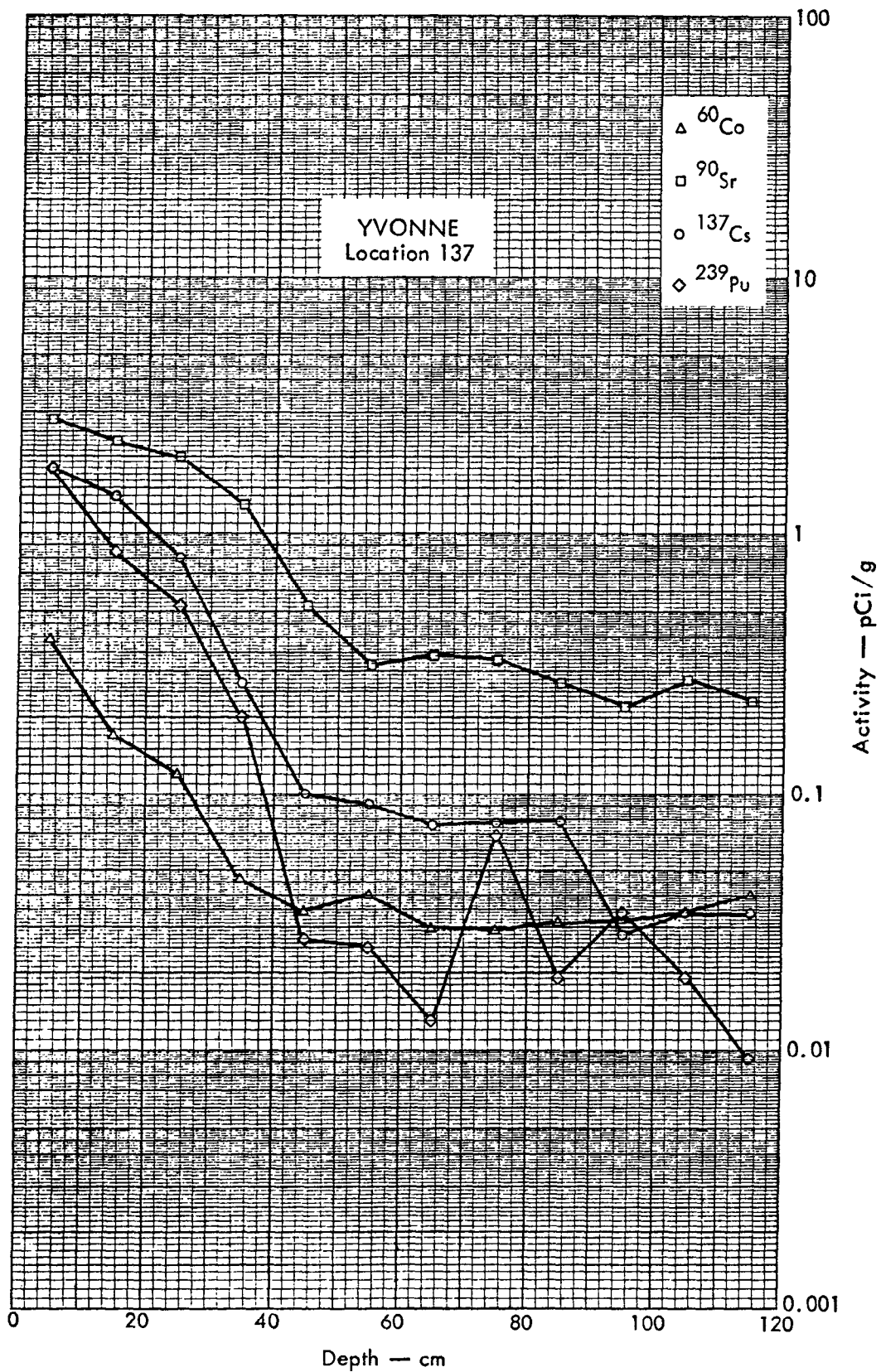


Fig. B. 23.2jj. Activities of selected radionuclides as a function of soil depth.

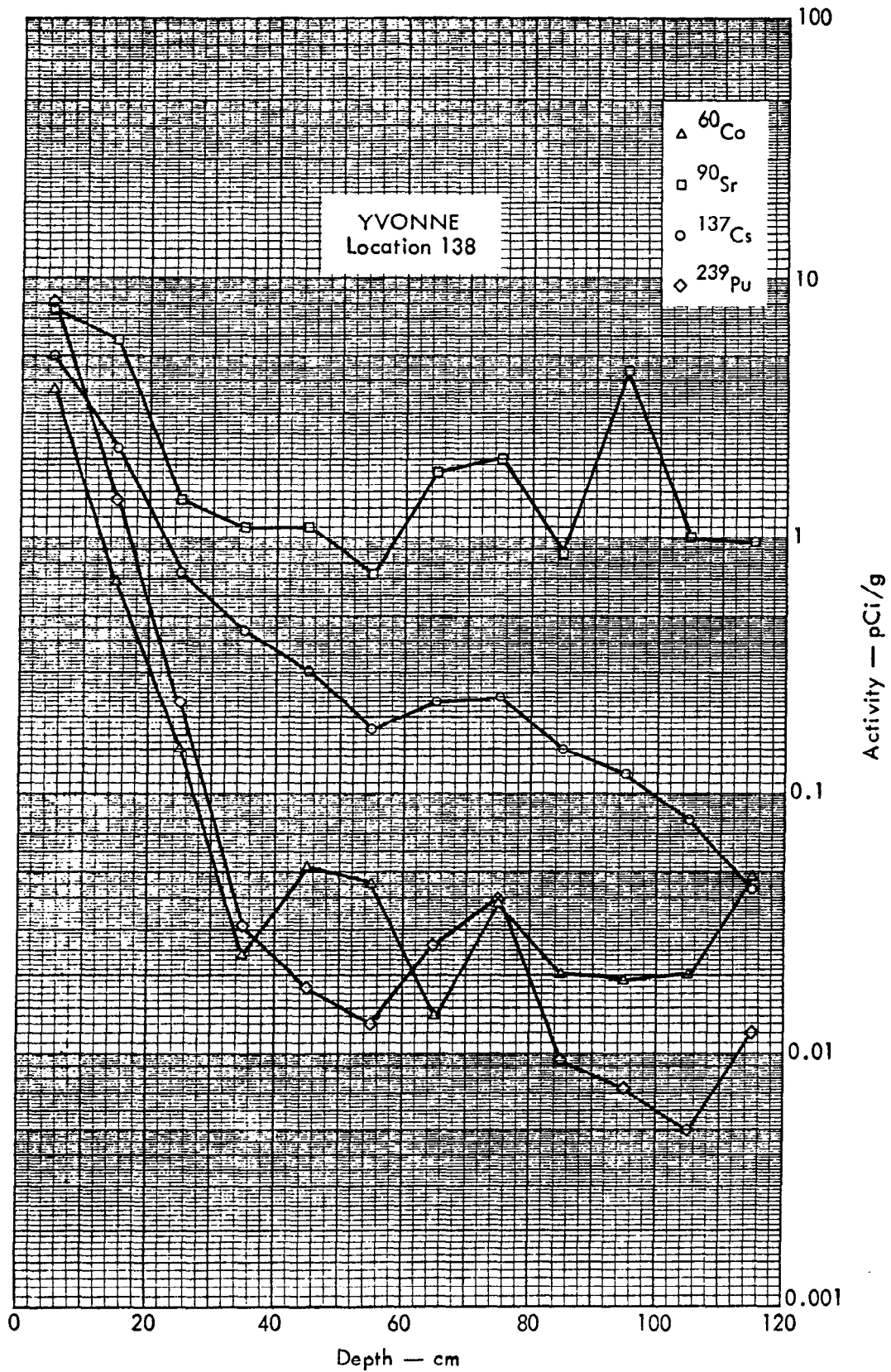


Fig. B. 23.2kk. Activities of selected radionuclides as a function of soil depth.

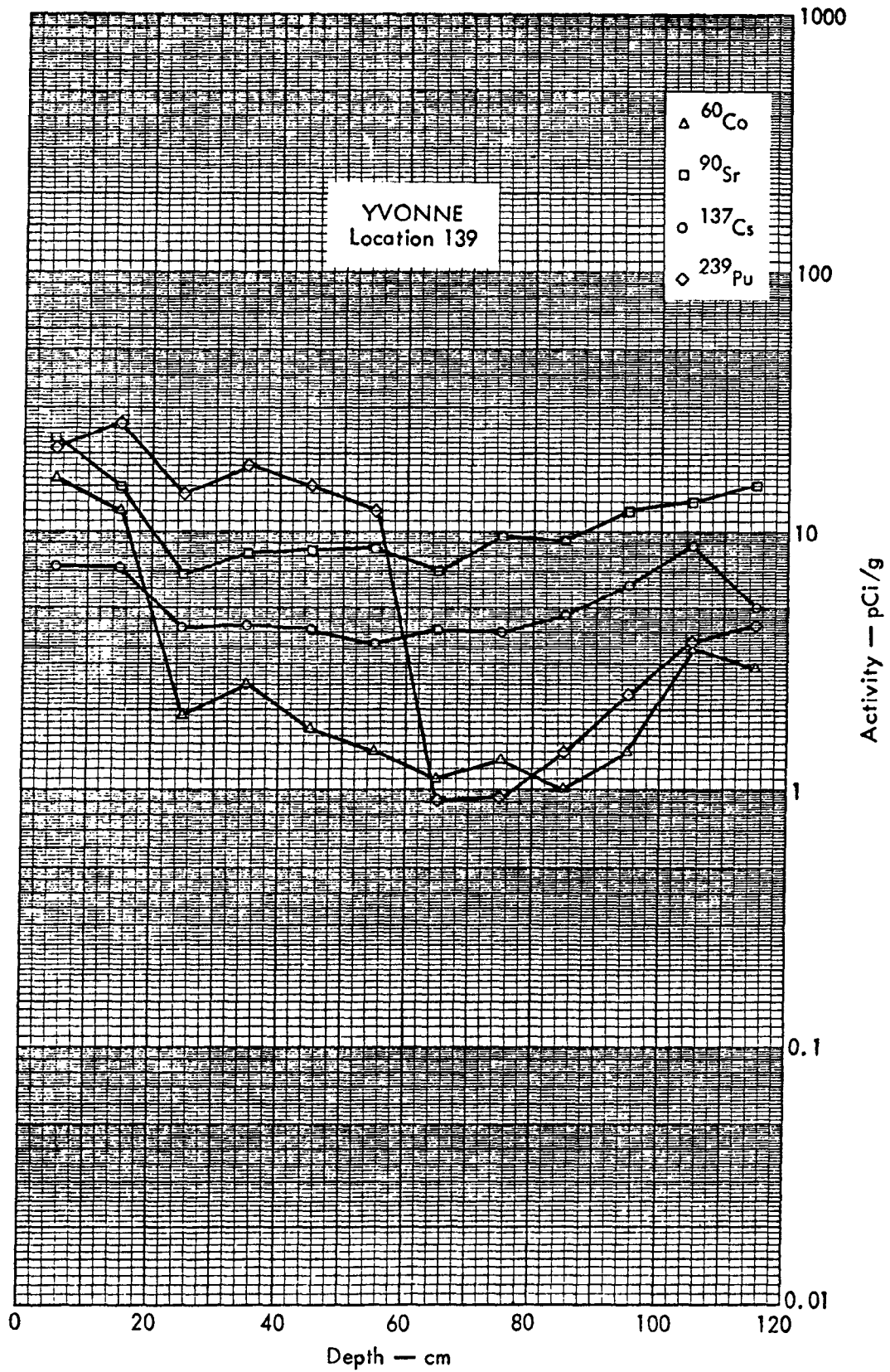
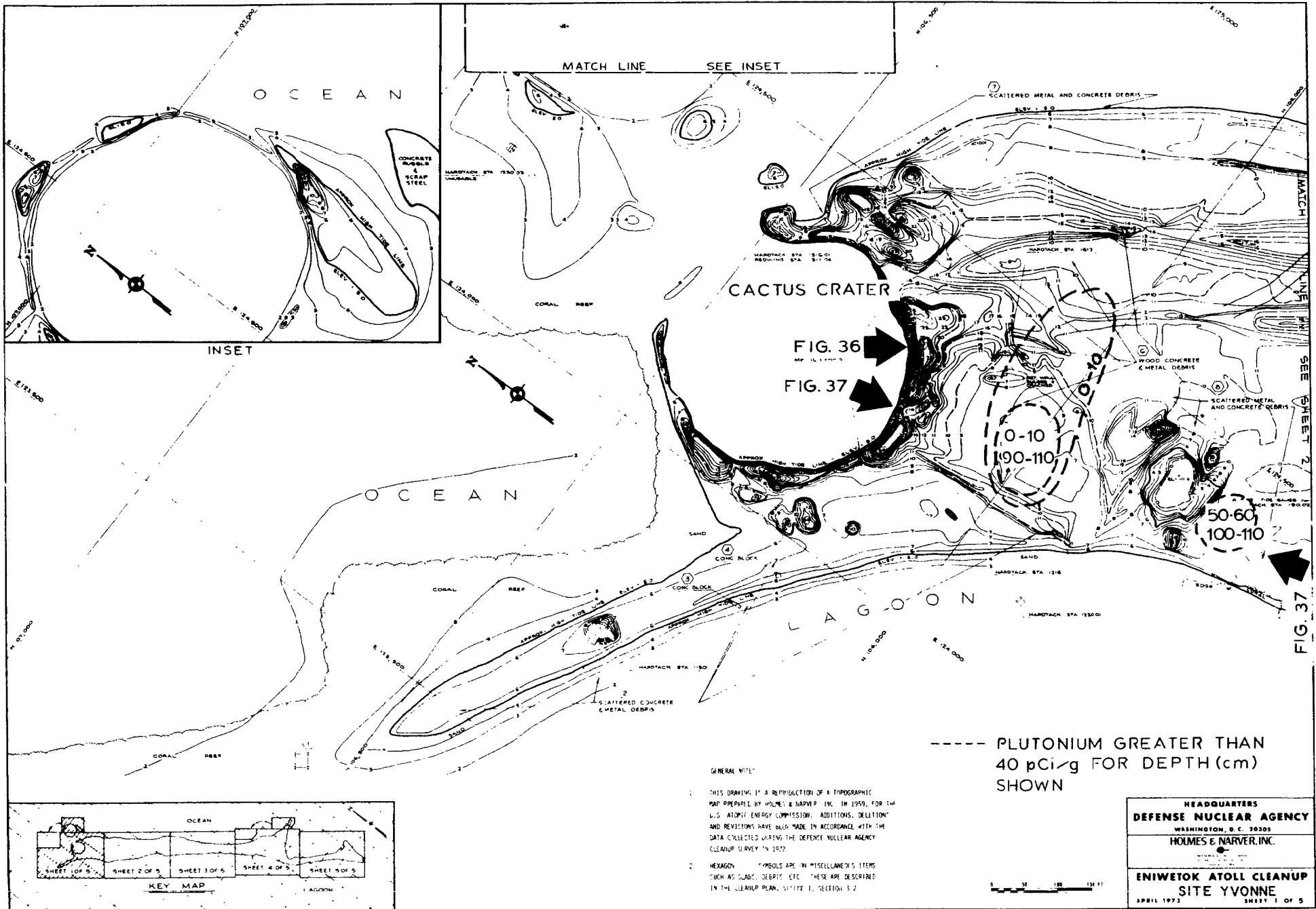


Fig. B. 23.211. Activities of selected radionuclides as a function of soil depth.

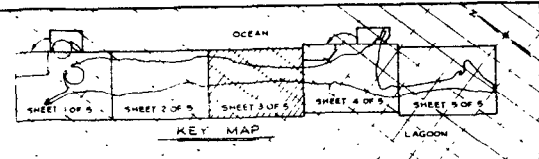
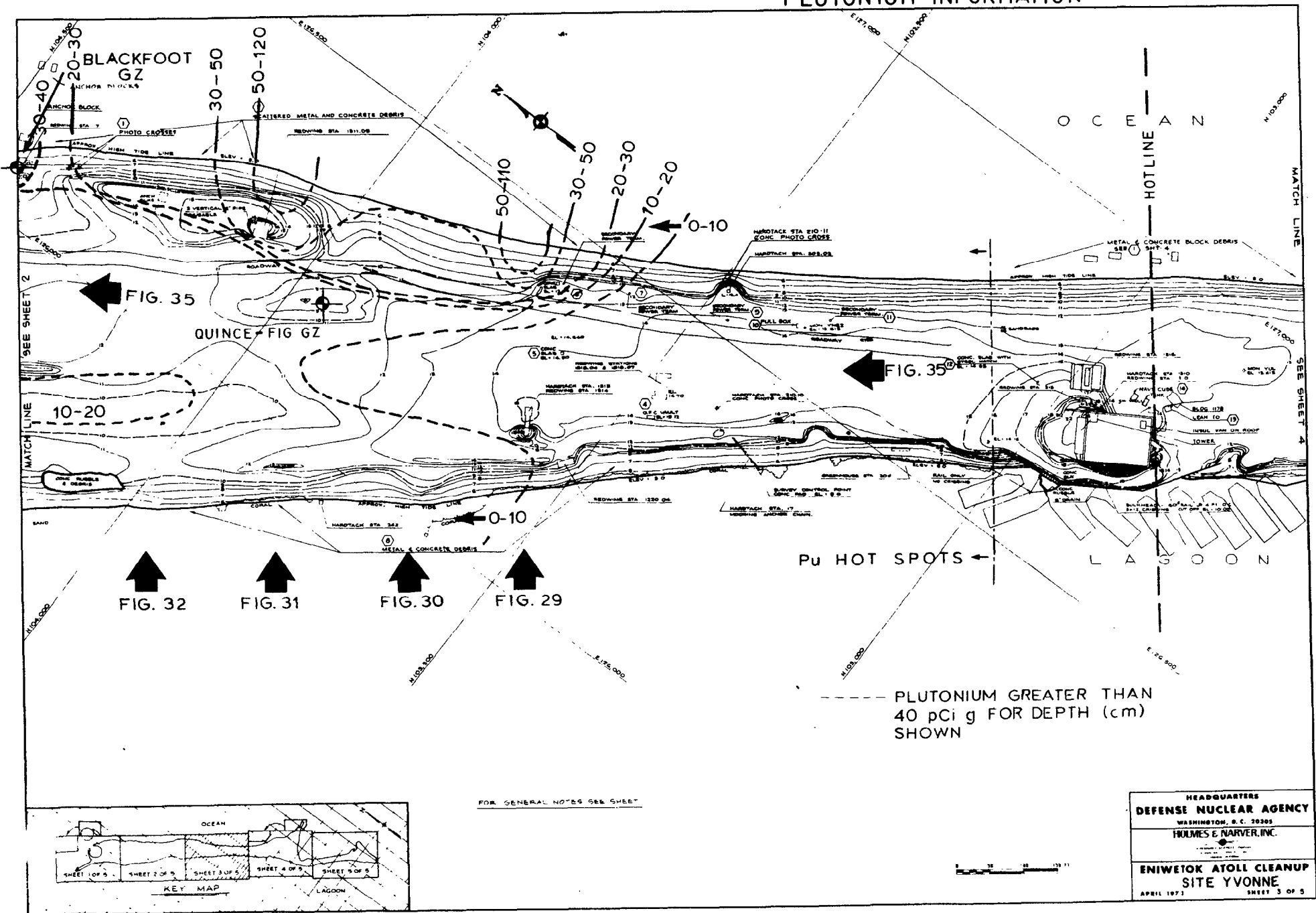
(44)

PLUTONIUM INFORMATION



95

PLUTONIUM INFORMATION

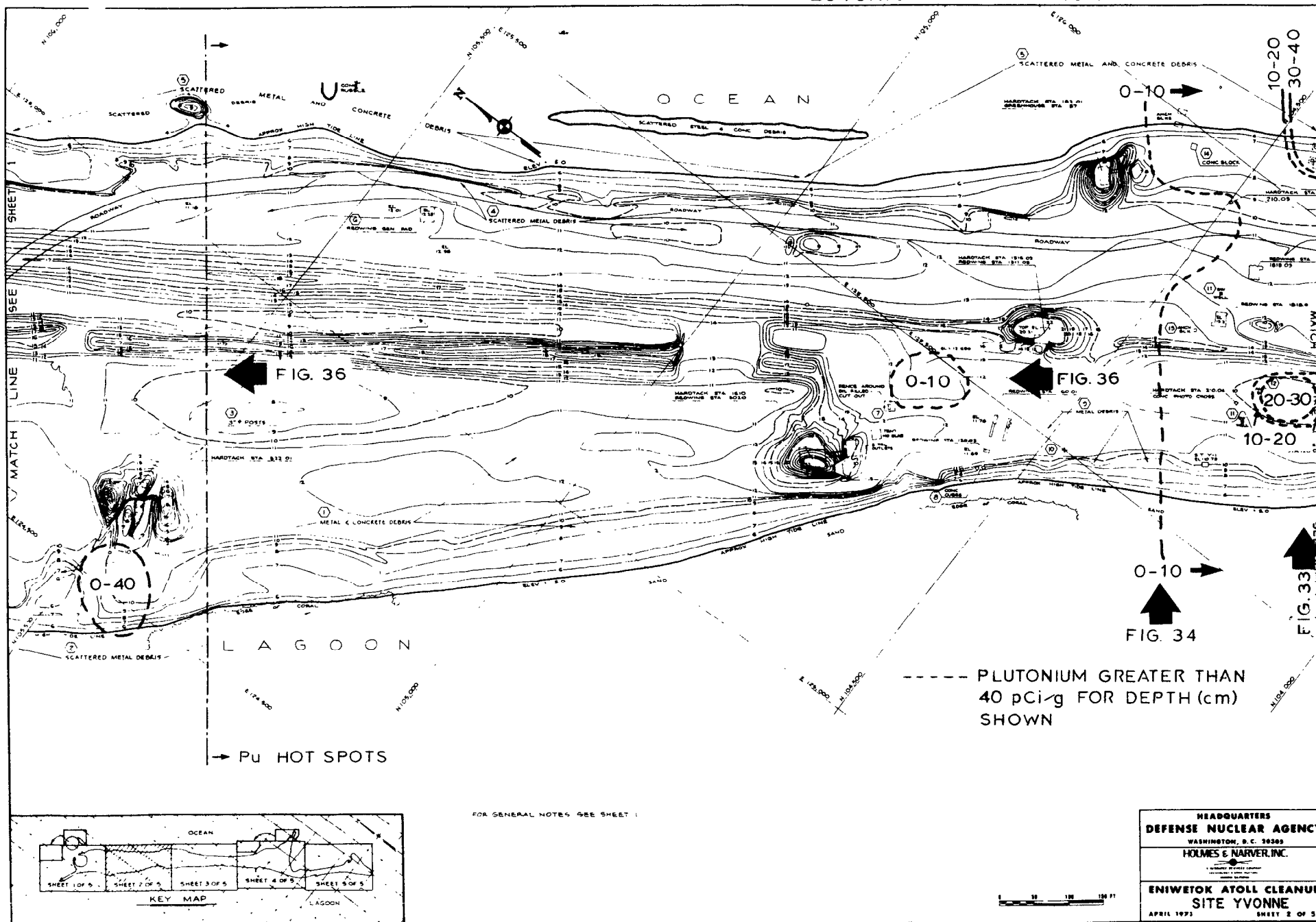


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HEADQUARTERS
DEFENSE NUCLEAR AGENCY
WASHINGTON, D. C. 20305
HOLMES & NARVER, INC.
ENIWETOK ATOLL CLEANUP
SITE YVONNE
APRIL 1972 SHEET 3 OF 5

96

PLUTONIUM INFORMATION



20

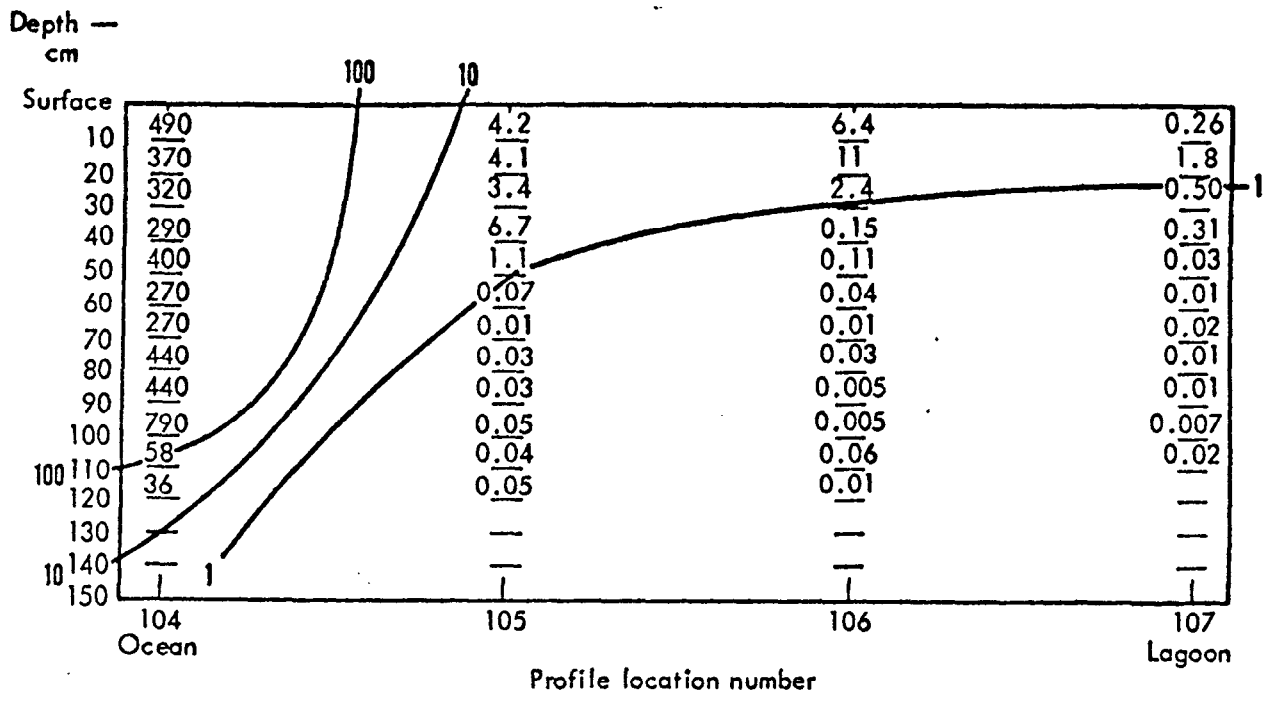


Fig. 29. Plutonium profile data, Locations 104-107, YVONNE.

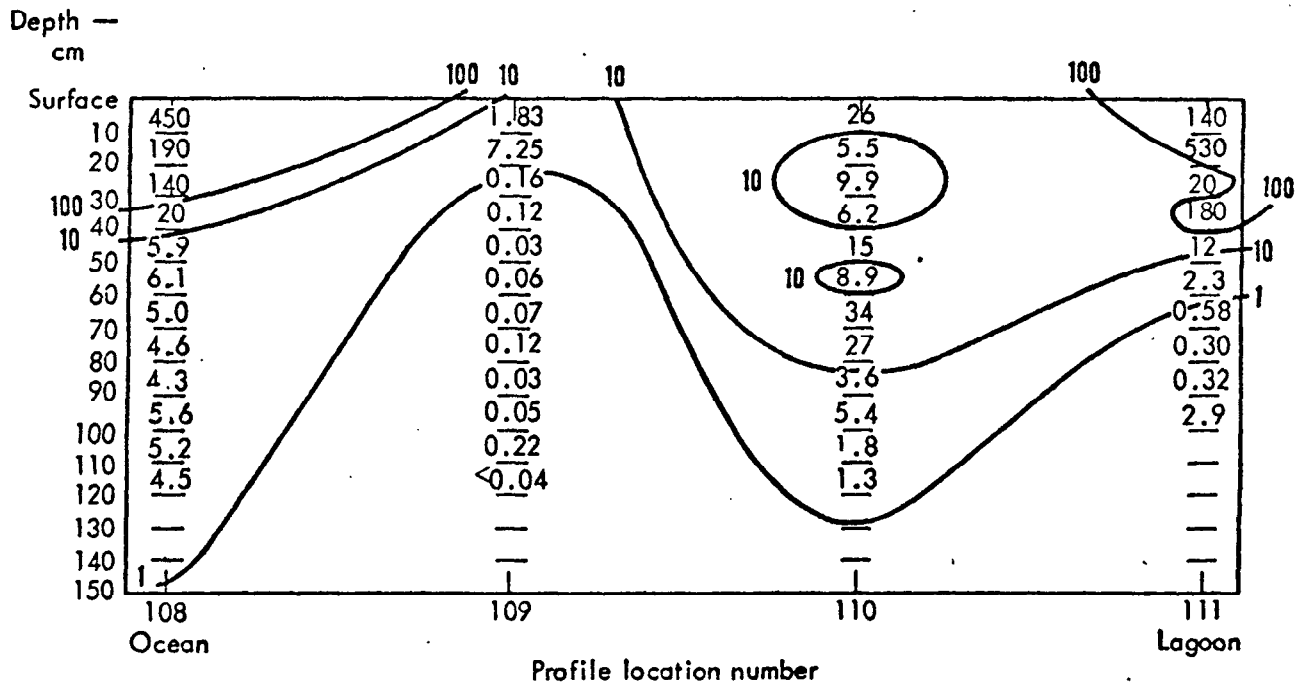


Fig. 30. Plutonium profile data, Locations 108-111, YVONNE.

98

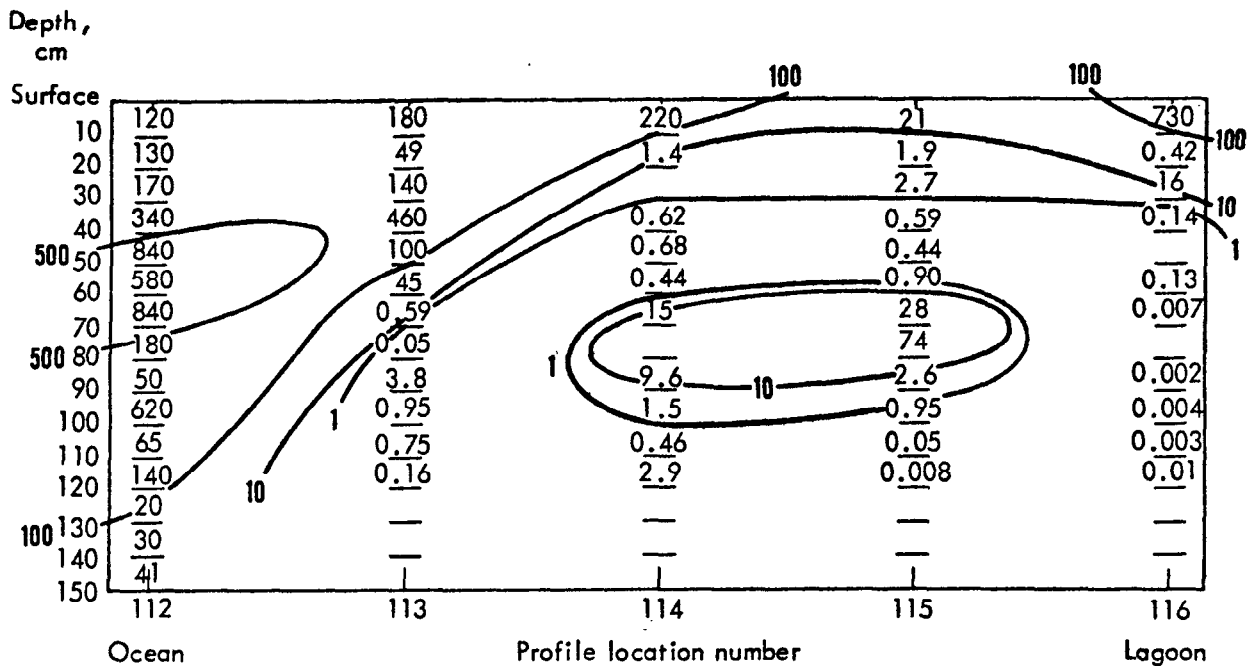


Fig. 31. Plutonium profile data, Locations 112-116, YVONNE.

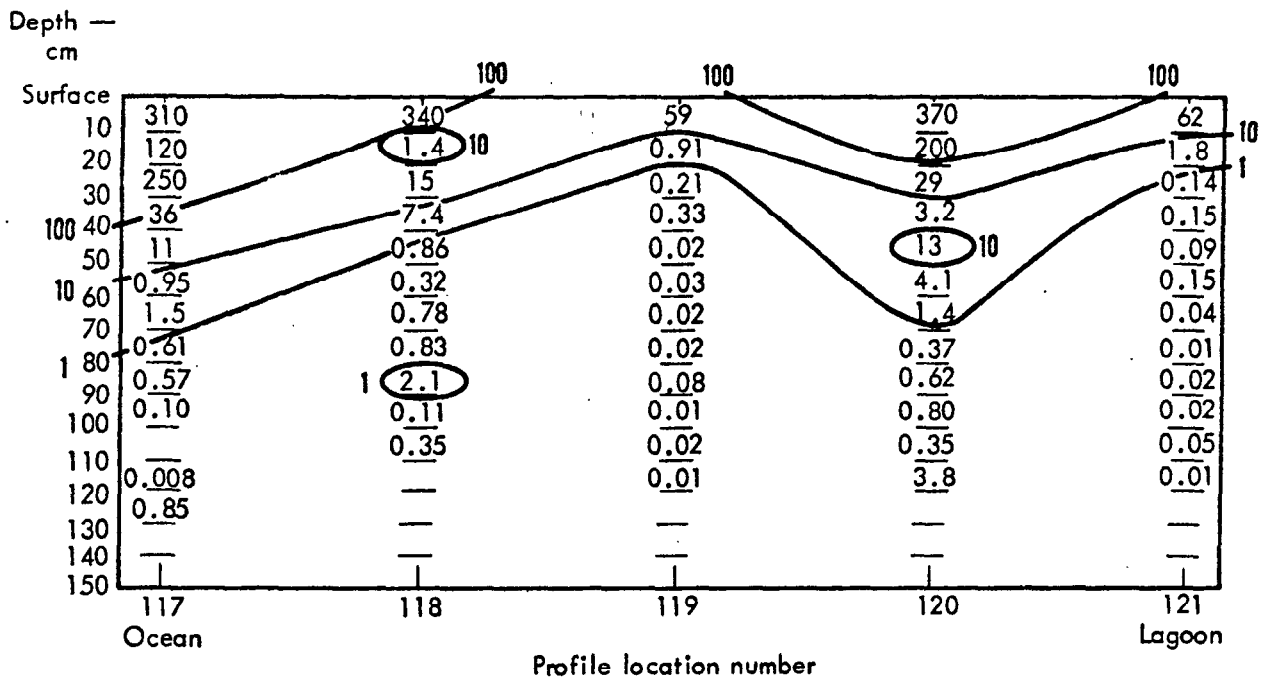


Fig. 32. Plutonium profile data, Locations 117-121, YVONNE.

69

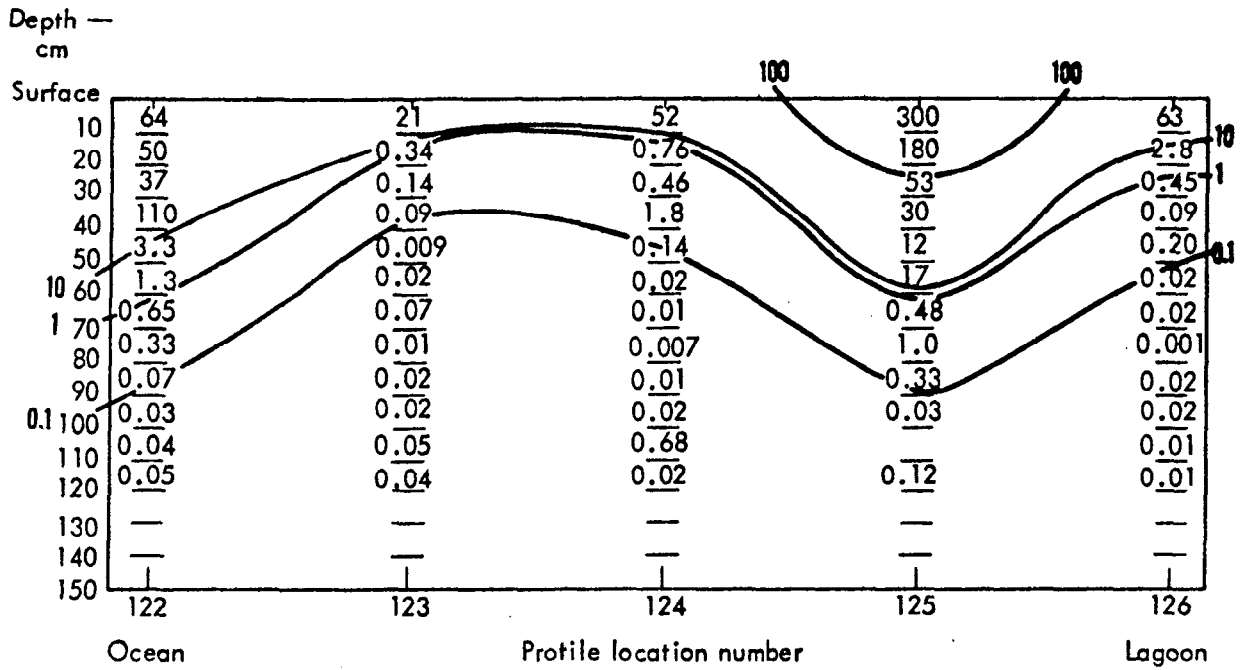


Fig. 33. Plutonium profile data, Locations 122-126, YVONNE.

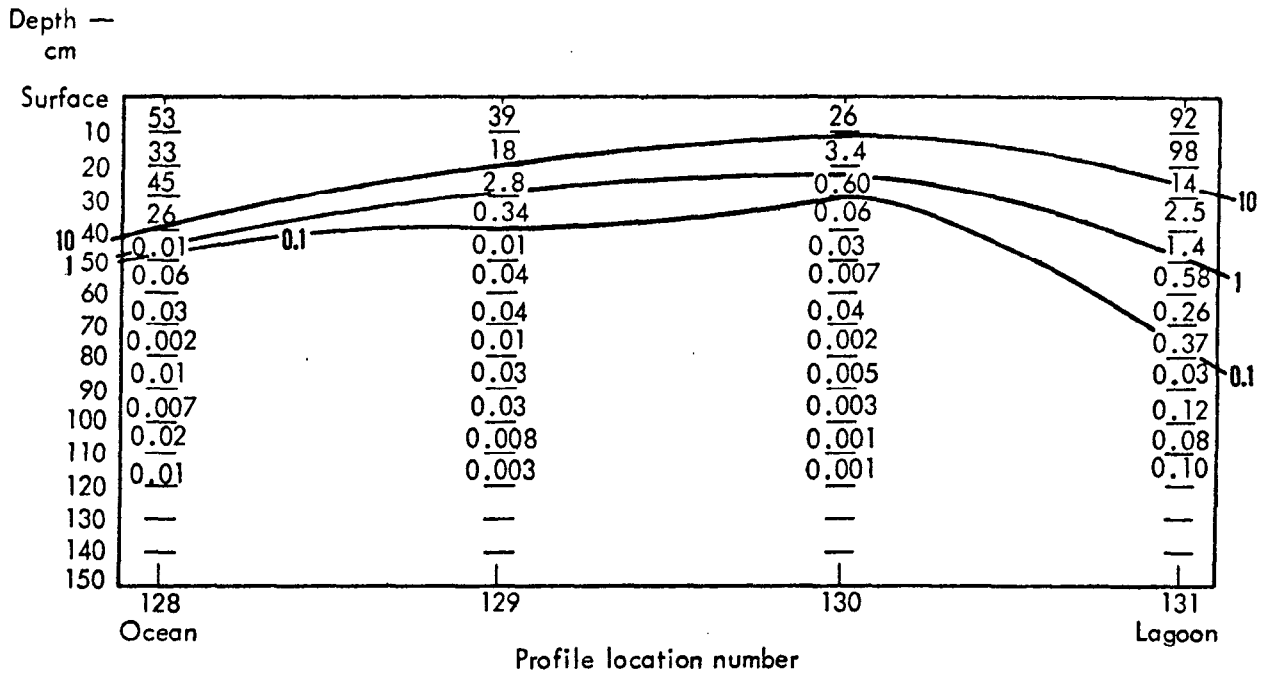


Fig. 34. Plutonium profile data, Locations 128-131, YVONNE.

(100)

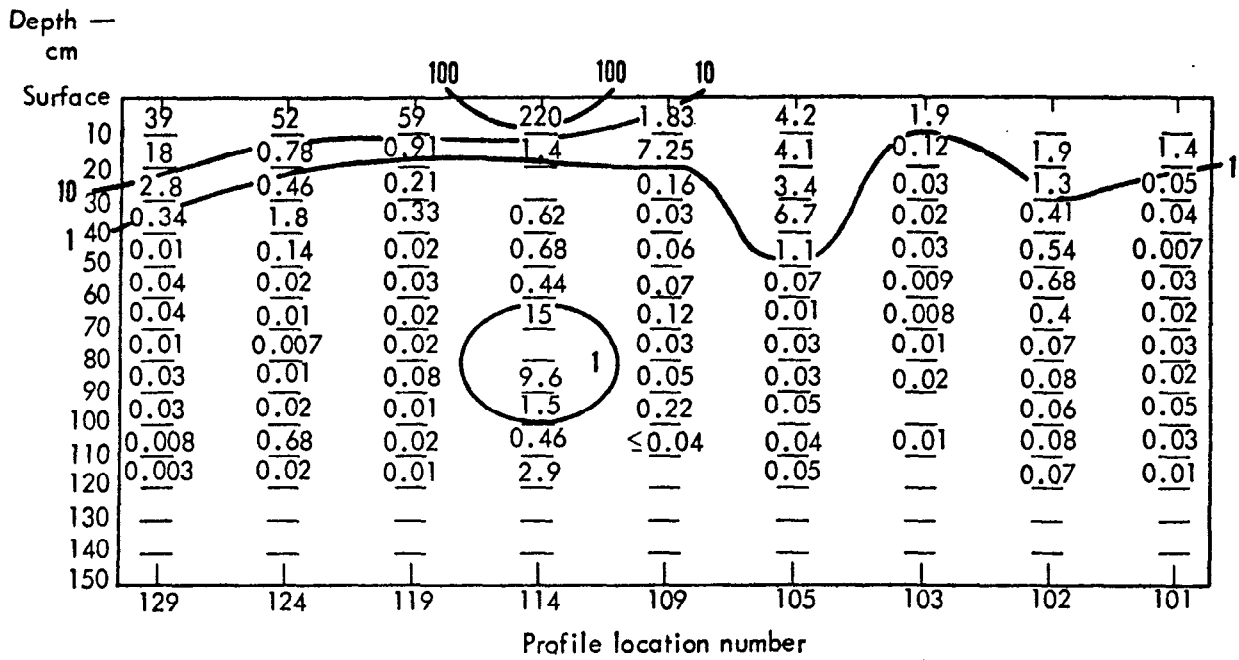


Fig. 35. Plutonium profile data, Locations 101-103, 105, 109, 114, 119, 124, and 129, YVONNE.

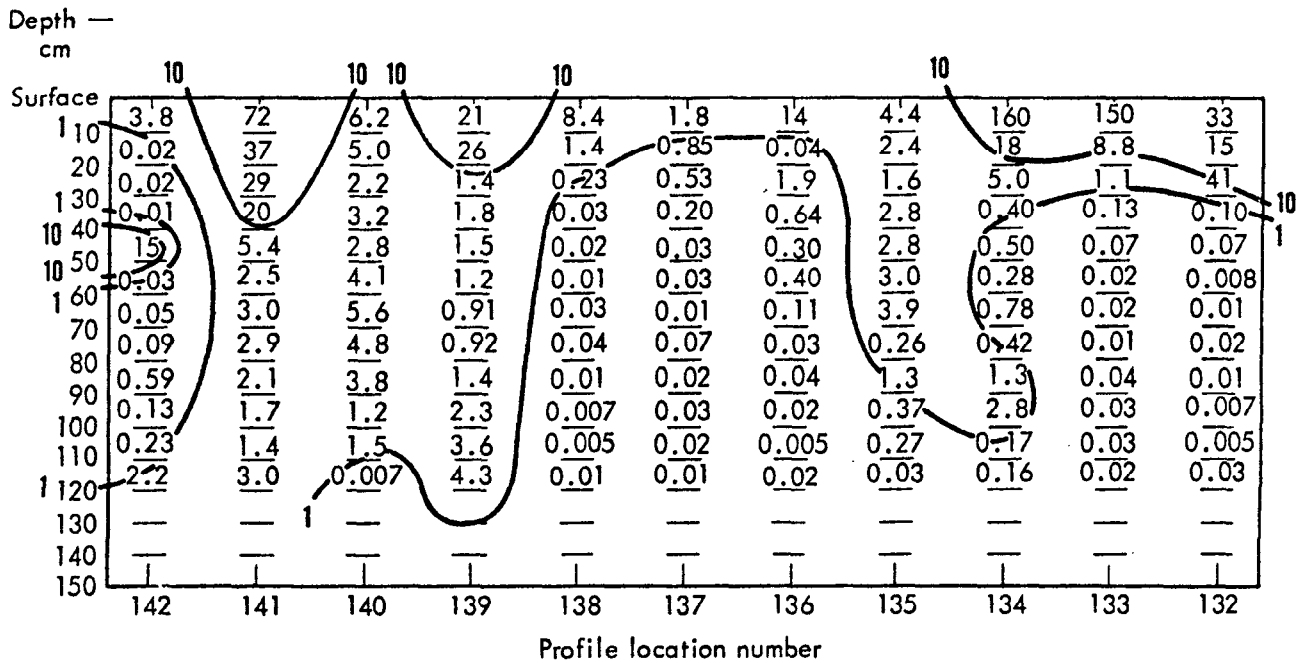


Fig. 36. Plutonium profile data, Locations 132-142, YVONNE.

101

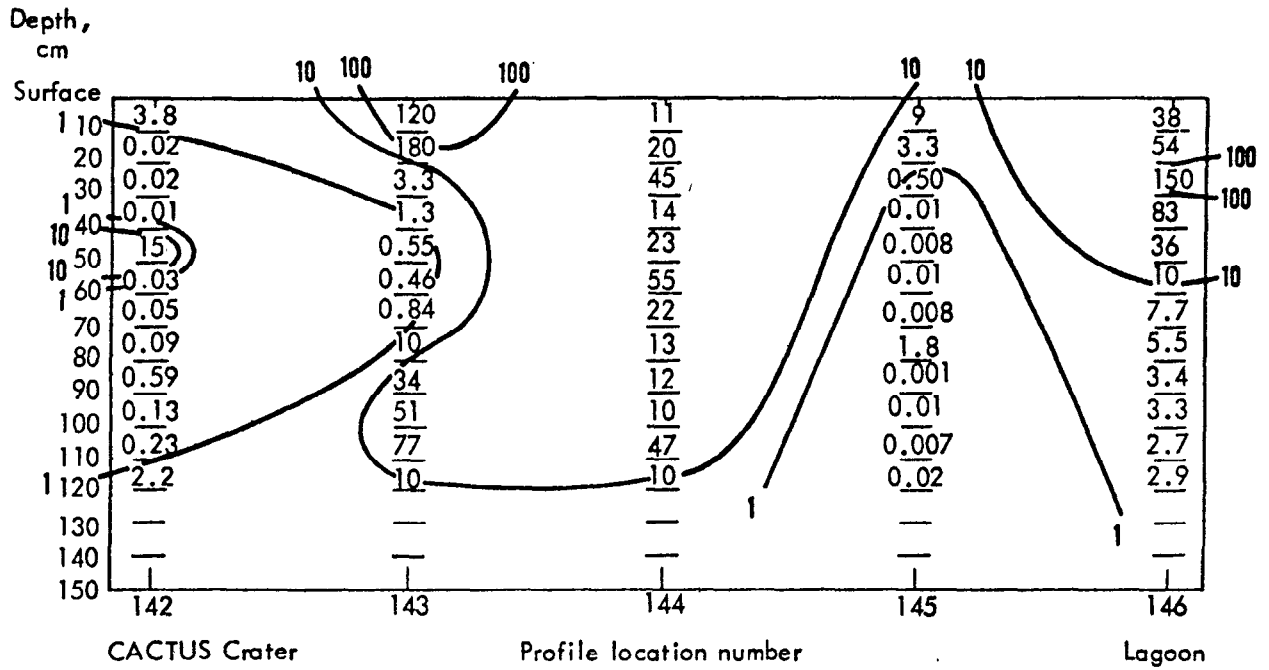


Fig. 37. Plutonium profile data, Locations 142-146, YVONNE.