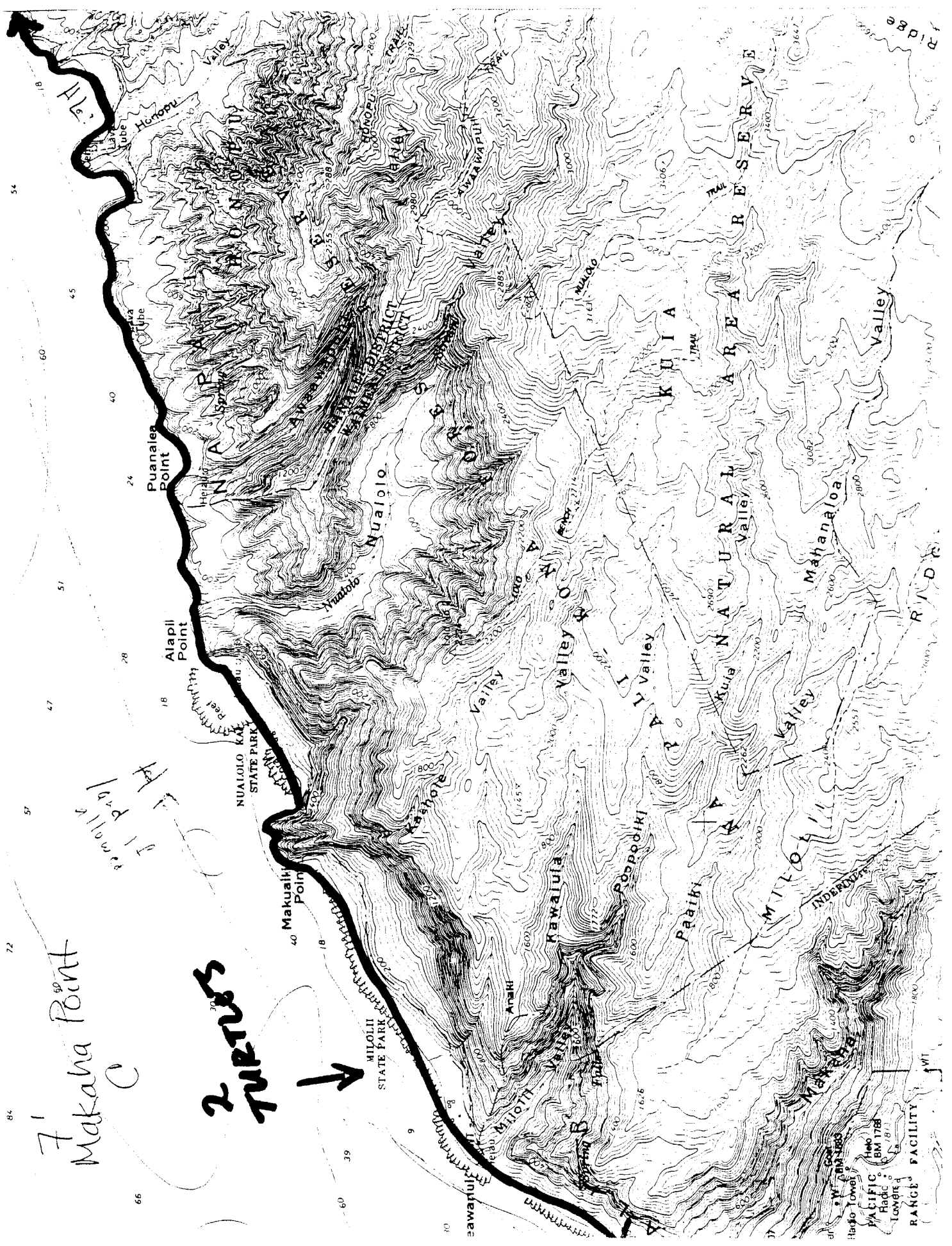
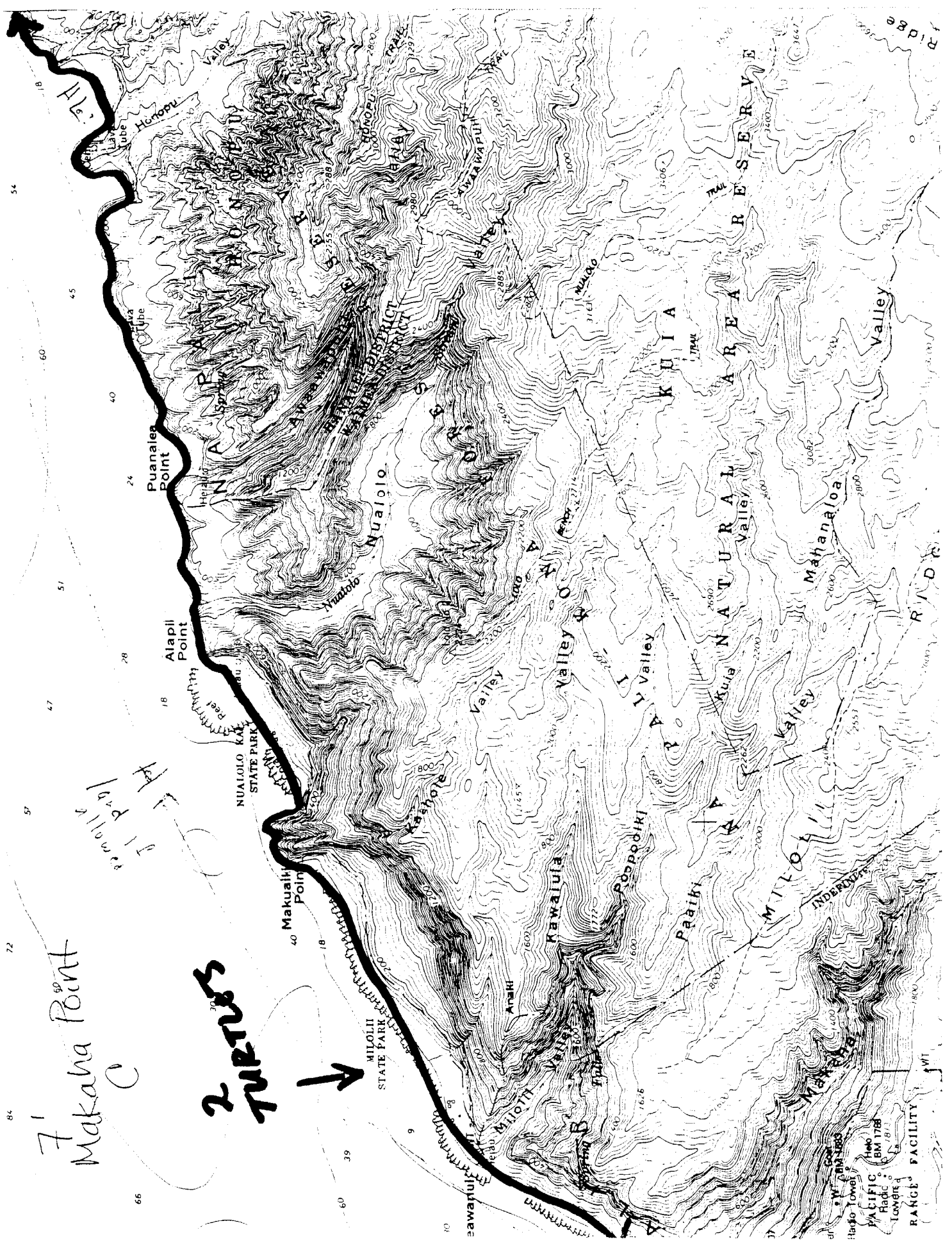
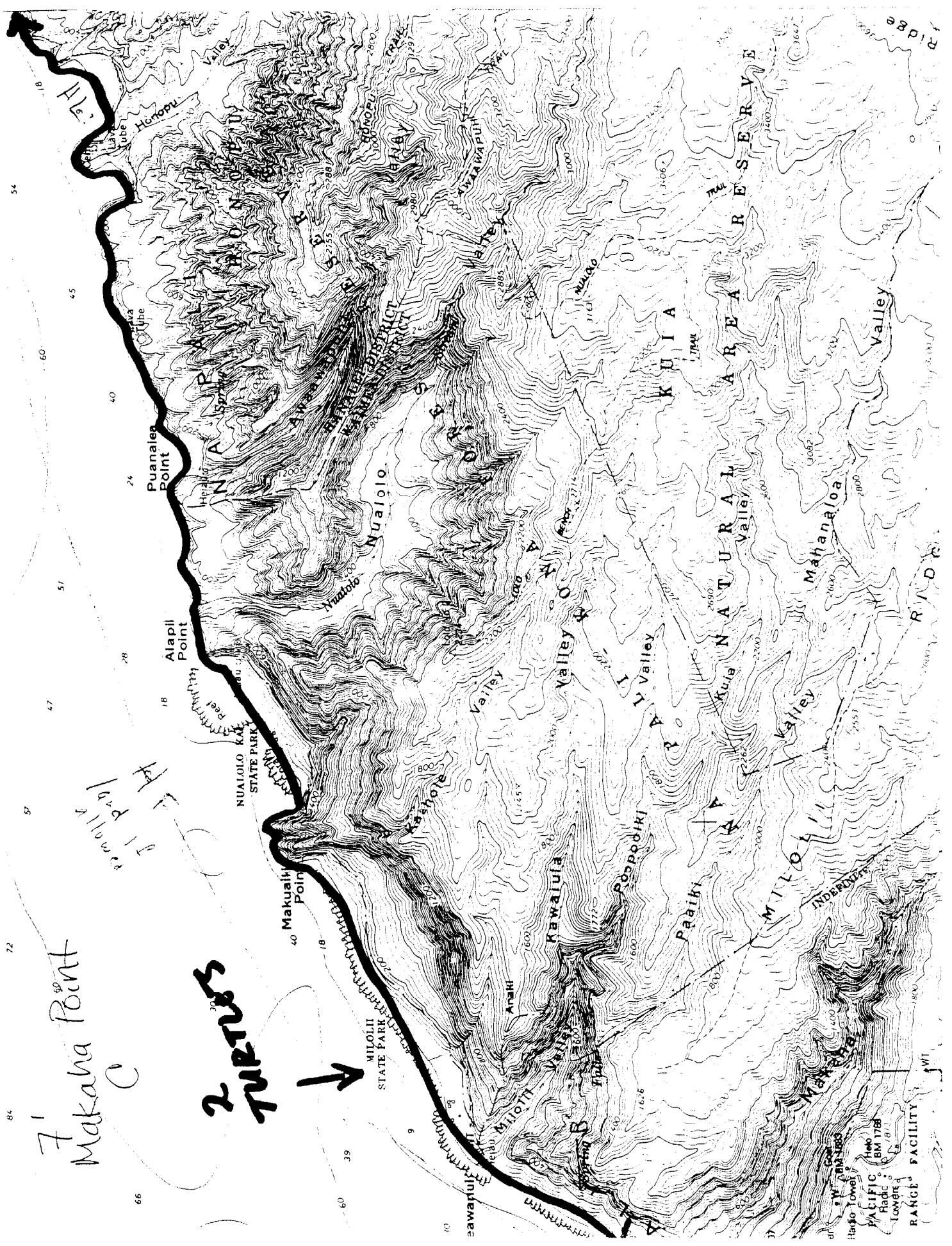
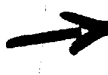
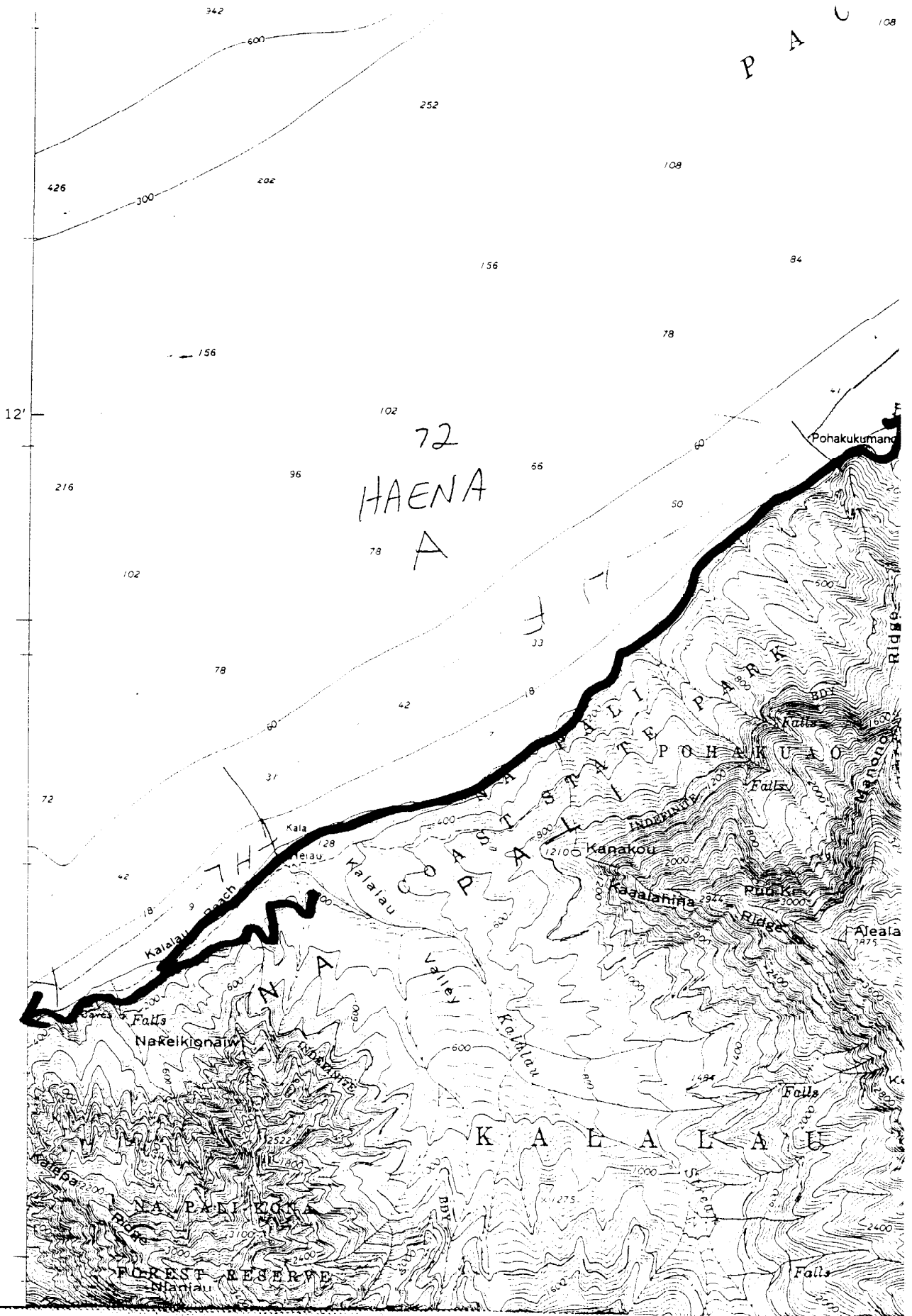


7 Makaha Point  
C

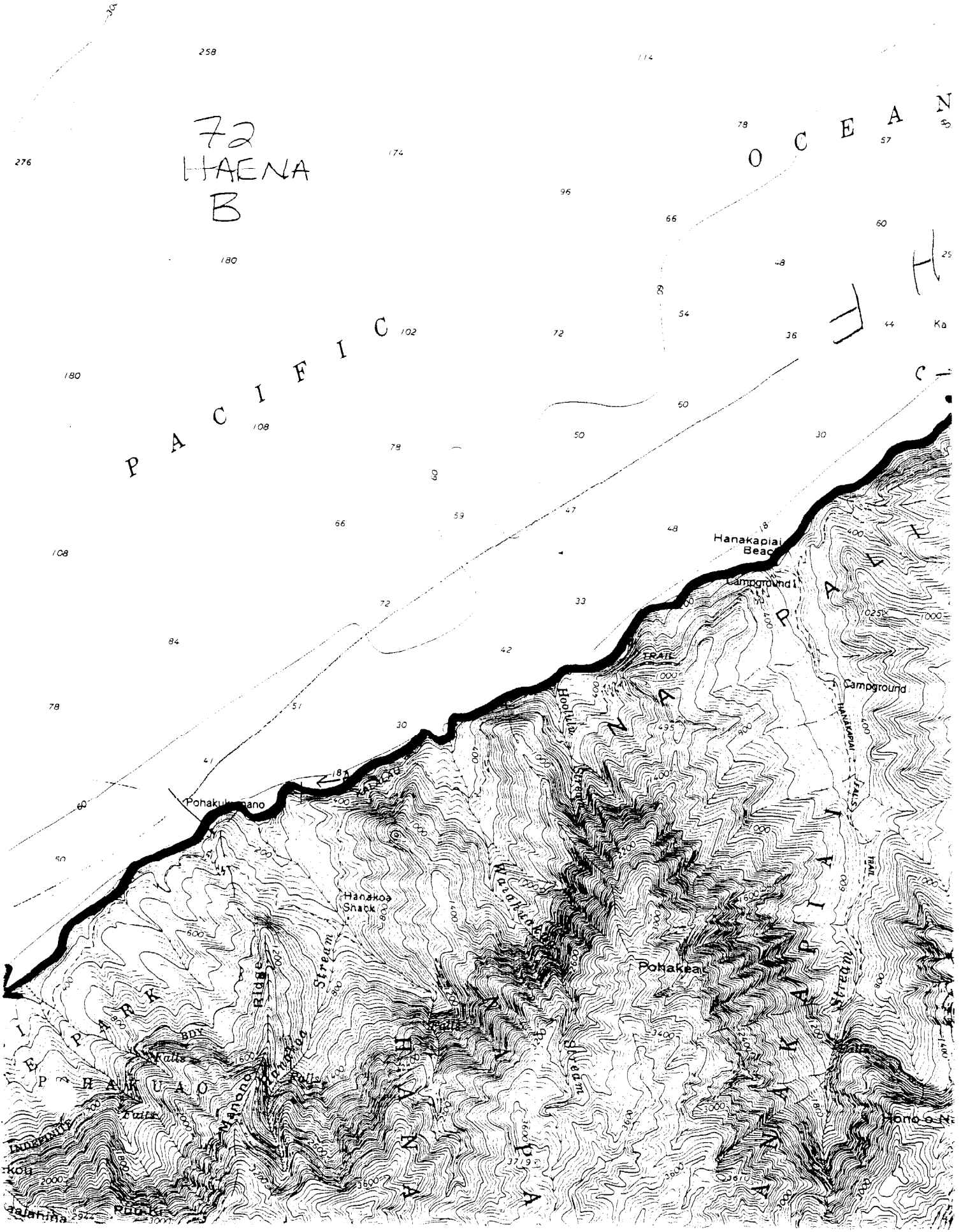
2 TURTLES

H.A.  
allowed

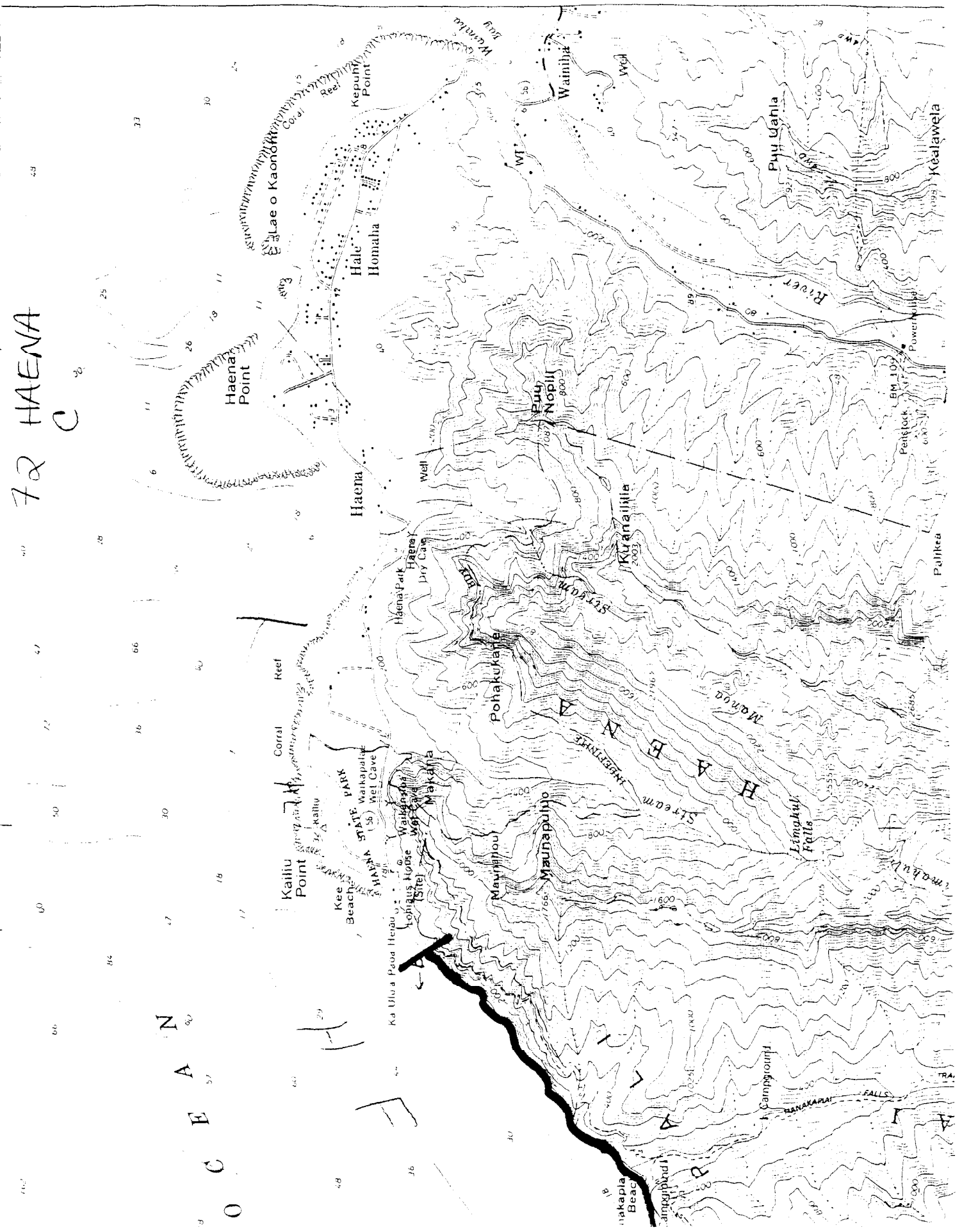




72  
HAENA  
B



# 72 HAENA C



SCAT RECOMMENDATIONS

Segment DIVISION F AREAS

GPS Boundaries \_\_\_\_\_ N \_\_\_\_\_ W

\_\_\_\_\_ N \_\_\_\_\_ W

Date Surveyed (mmddyy) 9/18/98 through 9/21/98

Recommendations/Comments Division F Areas Mokolae Park to

Kapaa Beach Park, were surveyed for SCAT on

9/21/98. Results show significant areas

of SCAT on 9/25/98 and to create records of progress.

No further work is necessary for

at this time.

NAME

SIGNATURE

Fred Young for Tesoro [Signature]

Laura Young for State [Signature]

LeeAnn Woodward for Federal [Signature] 9/21/98

[Signature] for USCG [Signature]

Attachments: PAKAIA BEACH  
ANAIOLA BEACH  
KEALIA BEACH



# SCAT Shoreline Data Sheet

TESORO SPM HOSE SPILL

**TESORO**

Time Date 13.30 24 hrs.

DATE Time 9 / 19 / 98  
mm dd yy

TEAM LETTER  2

USGS Quad Name: \_\_\_\_\_

Segment No. Beach North of Pakia Pt. ACCESS: Boat  Jeep  Helicopter

GPS Boundaries \_\_\_\_\_

Type of Oil  No Oil  Stain  Buried  Tarballs

Area of Stain length: \_\_\_\_\_ width: \_\_\_\_\_ ft. Size of Tarballs \_\_\_\_\_ (dia.)

Location of Oil:  strand line  high tide line  low tide line  other

Beach Use:  Hotel Beach  State Beach  Pocket Beach  Surfing  Swimming  Sun Bathing

No. of people present: 0 Other: \_\_\_\_\_

Shore type: sand  gravel  cliff  basalt bench  seawalls/piers   
wetland  reef  other  coral reef

Meteorologic Data Air Temp: 27.0 (F) Wind Speed 20

Visibility 6000 Precipitation: Y  N  Wind Direction: E

Average Surf Height 2 ft. Swell Height 2 ft.

### WILDLIFE:

Seaturtles  Whales  Dolphins  Seals

Birds: Shorebird  Seabird  Waterfowl  Terrestrial birds

Seabirds / Shorebird Activity:  flying  diving  resting  running  swimming

Impacted Wildlife Y  N  Comments: NO OIL

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# SCAT Shoreline Data Sheet

TESORO SPM HOSE SPILL

**TESORO**

TIME Date 1625 24 hrs.

TEAM LETTER  2

DATE Time 9/20/98  
mm dd yy

USGS Quad Name: ANAHOLA

Segment No. ANAHOLA BEACH ACCESS:  Boat  Jeep  Helicopter

GPS Boundaries \_\_\_\_\_

Type of Oil  No Oil  Stain  Buried  Tarballs

Area of Stain length: \_\_\_\_\_ width: \_\_\_\_\_ ft. Size of Tarballs \_\_\_\_\_ (dia.)

Location of Oil:  strand line  high tide line  low tide line  other

Beach Use:  Hotel Beach  State Beach  Pocket Beach  Surfing  Swimming  Sun Bathing

No. of people present: 100 Other: \_\_\_\_\_

Shore type: sand  gravel  cliff  basalt bench  seawalls/piers   
wetland  reef  other  Coastal Sand Dunes

Meteorologic Data Air Temp: 85 (F) Wind Speed 15

Visibility Good Precipitation: Y  N  Wind Direction: E

Average Surf Height 3 ft. Swell Height 3 ft.

### WILDLIFE:

Seaturtles  Whales  Dolphins  Seals

Birds: Shorebird  Seabird  Waterfowl  Terrestrial birds

Seabirds / Shorebird Activity:  flying  diving  resting  running  swimming

Impacted Wildlife  Y  N Comments: No Oil

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_



# SCAT Shoreline Data Sheet

## TESORO SPM HOSE SPILL

### TESORO

TIME Date 08:30 24 hrs.

TEAM LETTER 2

DATE Time 9/21/99  
mm dd yy

USGS Quad Name: \_\_\_\_\_

Segment No. KEALIA BEACH ACCESS:  Boat  Jeep  Helicopter

GPS Boundaries \_\_\_\_\_

Type of Oil  No Oil  Stain  Buried  Tarballs

Area of Stain length: \_\_\_\_\_ width: \_\_\_\_\_ ft. Size of Tarballs Quarter to dime (dia.)

Location of Oil:  strand line  high tide line  low tide line  other

Beach Use:  Hotel Beach  State Beach  Pocket Beach  Surfing  Swimming  Sun Bathing

No. of people present: 20 Other: \_\_\_\_\_

Shore type: sand  gravel  cliff  basalt bench  seawalls/piers   
wetland  reef  other \_\_\_\_\_

Meteorologic Data Air Temp: 85 (F) Wind Speed 15

Visibility 4 Precipitation: Y  N  Wind Direction: E

Average Surf Height 3 ft. Swell Height 3 ft.

### WILDLIFE:

Seaturtles  Whales  Dolphins  Seals  one seal seen on beach on 9/20

Birds: Shorebird  Seabird  Waterfowl  Terrestrial birds

Seabirds / Shorebird Activity:  flying  diving  resting  running  swimming

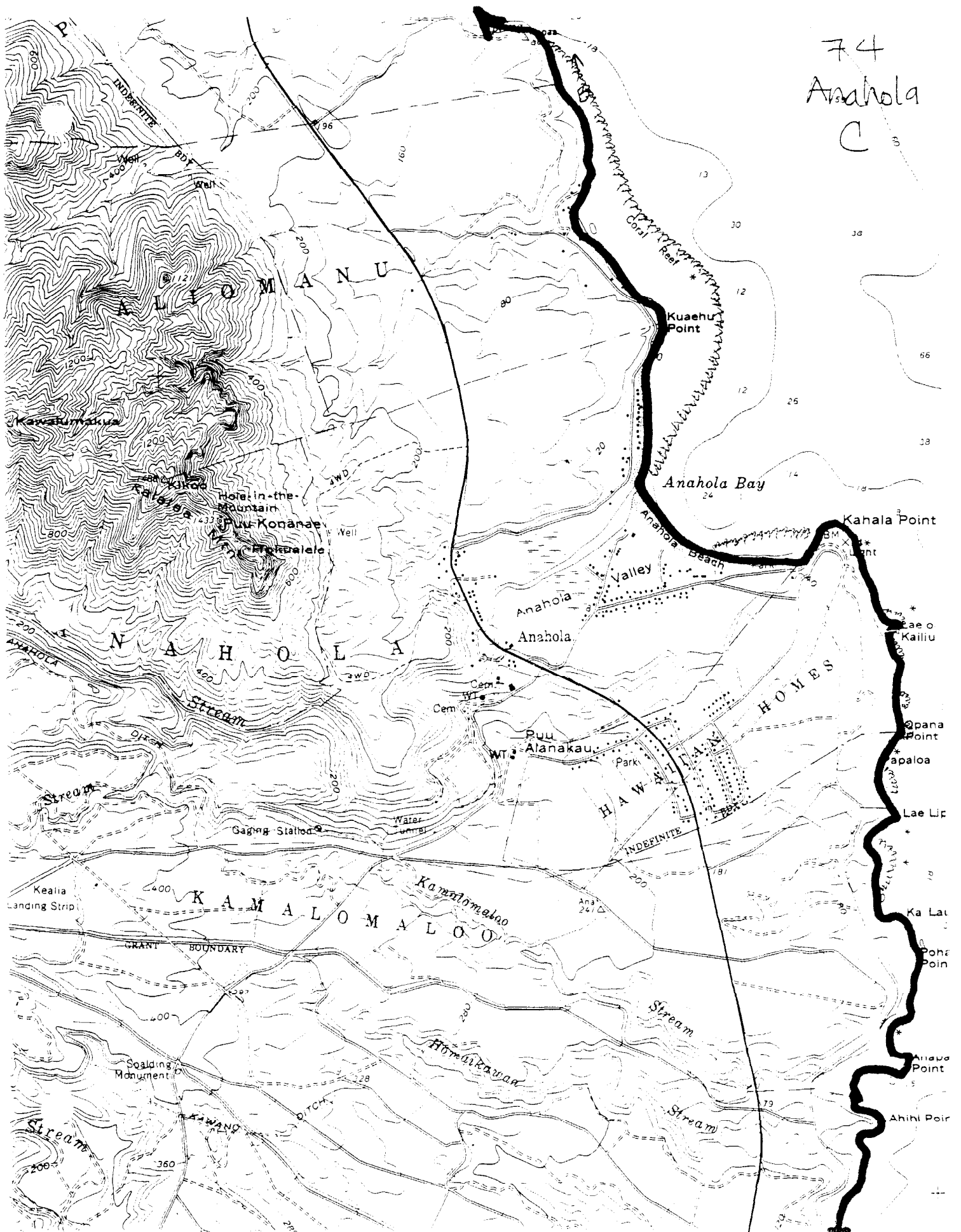
Impacted Wildlife  Y  N Comments: SCAT Team 2 has a view of 2 birds on 9/12 9:20 am 9/21. The birds have been seen on a rocky outcrop of 2 sets on 9/20. On 9/21 SCAT Team 2 had a view of 2 birds in the location of the rocks. No oil found in the rock/boulder area to the N and S of the beach.

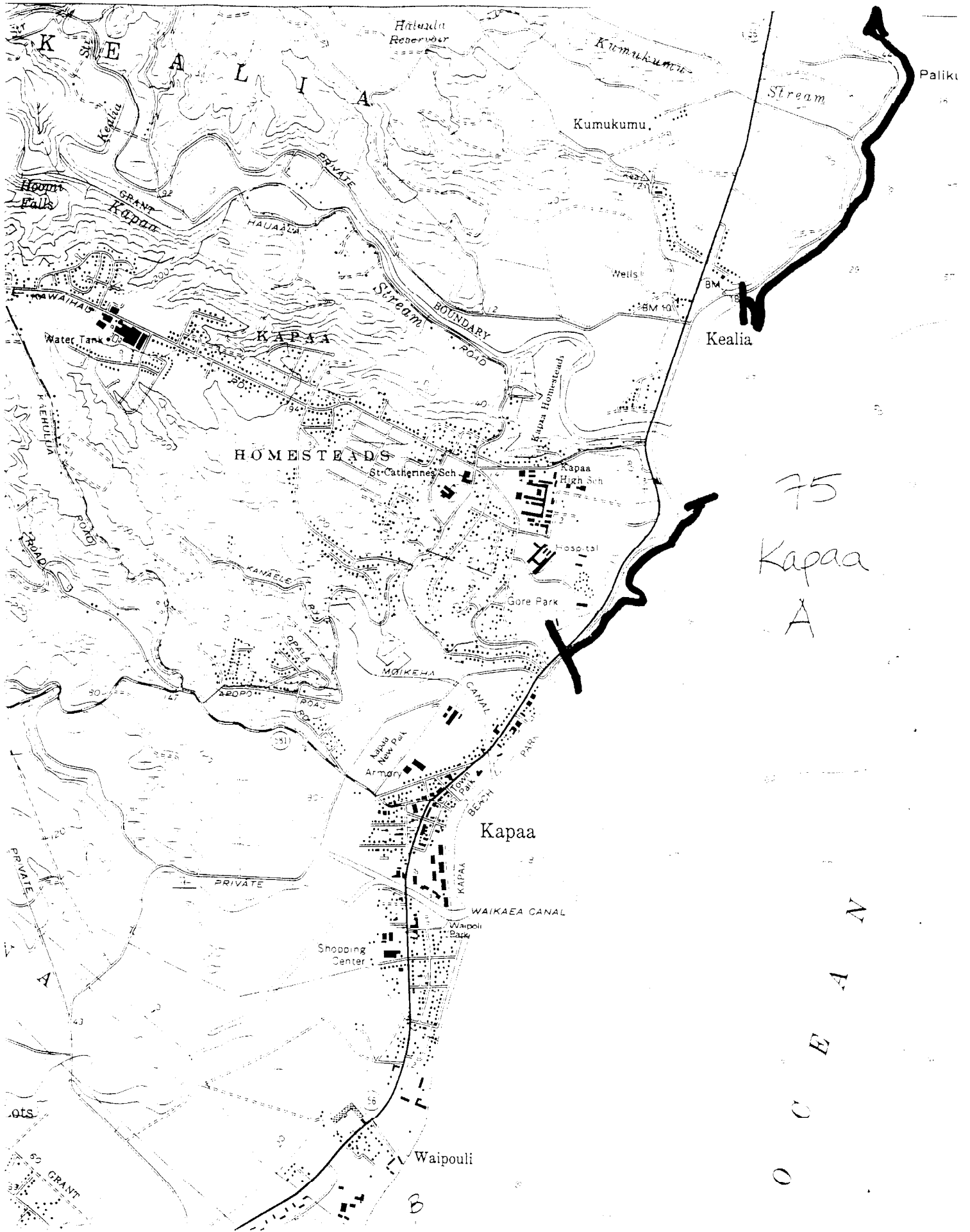






74  
Anahola  
C





SCAT RECOMMENDATIONS

Segment KEALIA BEACH

GPS Boundaries \_\_\_\_\_ N \_\_\_\_\_ W

\_\_\_\_\_ N \_\_\_\_\_ W

Date Surveyed (mmddyy) 9/10/98

Recommendations/Comments A few scattered

debris were present by the beach.

Most of the debris was

plastic.

NAME

SIGNATURE

Fred [Signature] for Tesoro

Lee [Signature] for State

Lee Ann [Signature] for Federal

[Signature] for USCG



# SCAT Shoreline Data Sheet

TESORO SPM HOSE SPILL

**TESORO**

Date 11:00 24 hrs.

TEAM LETTER

Time 9/23/98  
mm dd yy

USGS Quad Name: KAPAA

Segment No. Keolu Beach ACCESS: Boat  Jeep  Helicopter

GPS Boundaries \_\_\_\_\_

Type of Oil: No Oil  Stain  Buried  Tarballs

Area of Stain length: \_\_\_\_\_ width: \_\_\_\_\_ ft. Size of Tarballs One (dia.)

Location of Oil: strand line  high tide line  low tide line  other

Beach Use: Hotel Beach  State Beach  Pocket Beach  Surfing  Swimming  Sun Bathing

No. of people present: 5 Other: \_\_\_\_\_

Shore type: sand  gravel  cliff  basalt bench  seawalls/piers   
wetland  reef  other \_\_\_\_\_

**Meteorologic Data** Air Temp: 85 (F) Wind Speed 15

Visibility Good Precipitation: Y  N  Wind Direction: E

Average Surf Height 2-3 ft. Swell Height 2-3 ft.

### WILDLIFE:

Seaturtles  Whales  Dolphins  Seals

Birds: Shorebird  Seabird  Waterfowl  Terrestrial birds

Seabirds / Shorebird Activity: flying  diving  resting  running  swimming

Impacted Wildlife Y  N

Comments: Only a few Tarballs remain

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# SCAT Shoreline Data Sheet

## TESORO SPM HOSE SPILL

**ESORO**

Time Date 10:30-11:54 24 hrs.

Date Time 09/18/98  
mm dd yy

TEAM LETTER

2

USGS Quad Name: Kapee

Segment No. Kealie Beach ACCESS: Boat Jeep Helicopter

GPS Boundaries 22° 10.340' N - 159° 18.917' W / 22° 05.660' N - 159° 18.531' W

Type of Oil  No Oil  Stain  Buried  Tarballs

Area of Stain length: \_\_\_\_\_ width: \_\_\_\_\_ ft. Size of Tarballs 38-DIME (dia.)

Location of Oil:  RISING TIDE strand line  high tide line  low tide line  other

Beach Use:  Hotel Beach  State Beach  Pocket Beach  Surfing  Swimming  Sun Bathing

No. of people present: 30 Other: \_\_\_\_\_

Shore type: sand  gravel  cliff  basalt bench  seawalls/piers   
wetland  reef  other \_\_\_\_\_

Meteorologic Data Air Temp: 85 (F) Wind Speed 20

Visibility Good Precipitation: Y  N  Wind Direction: EAST

Average Surf Height 3 ft. Swell Height 3 ft.

### WILDLIFE:

Seaturtles  Whales  Dolphins  Seals  Crabs

Birds: Shorebird  Seabird  Waterfowl  Terrestrial birds

Seabirds / Shorebird Activity:  flying  diving  resting  running  swimming

Impacted Wildlife Y N   Comments: "B-B" to "Dime"-Size Tarballs

w/ ~ 50% sand found along swash line during rising tide. Most tarballs crumble easily due to high sand content.

Recovered ~ 3 ounces (e.g. 3/4 of 4 oz. Jar).

SCAT RECOMMENDATIONS

Segment KEALIA BEACH

GPS Boundaries NORTH END 22° 10' 34" N 159° 18.917' W

SOUTH END 22° 05' 56" N 159° 18.531' W

Date Surveyed (mmddyy) 9/18/93

Recommendations/Comments SCAT Zone 2 with 100' buffer

20' buffer to the north and south

NAME \_\_\_\_\_ SIGNATURE \_\_\_\_\_

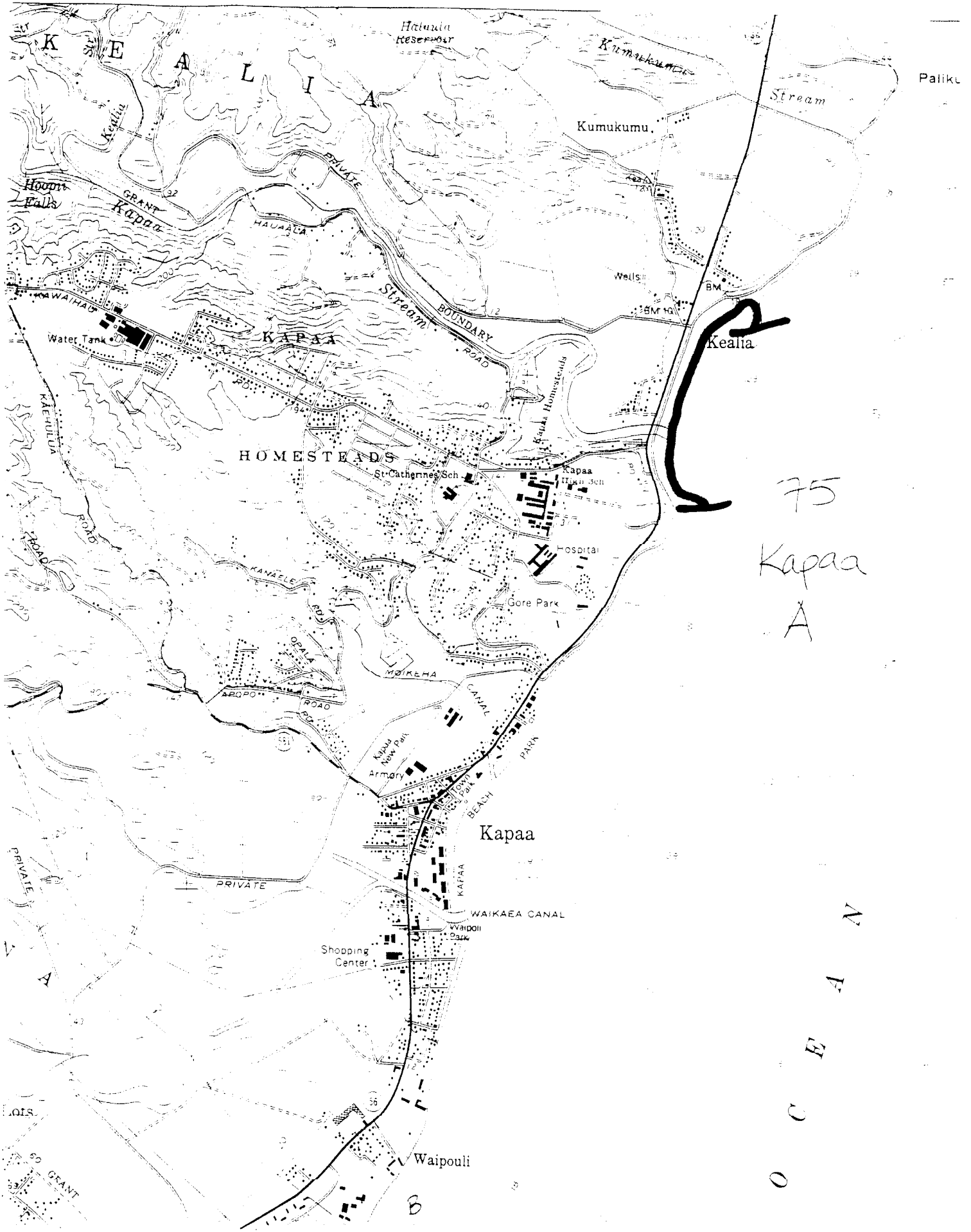
\_\_\_\_\_ for Tesoro [Signature]

[Signature] for State [Signature]

[Signature] for Federal \_\_\_\_\_

MSM BAG ROWEN for USCG [Signature]





75  
Kapaa  
A

SCAT RECOMMENDATIONS

Segment 6

~~OCS~~ Boundaries 21-54 N 159 - 35 W <sup>(Part)</sup>  
Chart 21-53 N 159 - 24 W (Allen)

Date Surveyed (mmddyy) 09/20/98

Recommendations/Comments No action required. Port Allen through  
Kawaihoa Bay

NAME		SIGNATURE
<u>Peter Ribbens</u>	for Tesoro	<u>[Signature]</u>
<u>Liz Galvez</u>	for State	<u>[Signature]</u>
<u>Steve Henry</u>	for Federal	<u>[Signature]</u>
<u>Enrico F. Lucchetti</u>	for USCG	<u>[Signature]</u>



TESORO

# SCAT Shoreline Data Sheet

TESORO SPM HOSE SPILL

Date 1600 24 hrs.

Time 09 20 98  
mm dd yy

TEAM LETTER  41

USGS Quad Name: \_\_\_\_\_

Segment No. Kenilba Bay <sup>Halkyeh's</sup> Alhakeem Point ACCESS: Boat  Jeep  Helicopter

GPS Boundaries \_\_\_\_\_

Type of Oil  No Oil  Stain  Buried  Tarballs

Area of Stain length: \_\_\_\_\_ width: \_\_\_\_\_ ft. Size of Tarballs \_\_\_\_\_ (dia.)

Location of Oil:  strand line  high tide line  low tide line  other

Beach Use:  Hotel Beach  State Beach  Pocket Beach  Surfing  Swimming  Sun Bathing

No. of people present: 20+ Other: \_\_\_\_\_

Shore type: sand  gravel  cliff  basalt bench  seawalls/piers   
wetland  reef  other \_\_\_\_\_

**Meteorologic Data** Air Temp: 81° (F) Wind Speed 10 kts  
Visibility 30+ miles Precipitation: Y  N  Wind Direction: SE  
Average Surf Height 1-2 ft. Swell Height 1-2 ft.

**WILDLIFE:** <sup>(4)</sup>  
Seaturtles  Whales  Dolphins  Seals   
Birds: Shorebird  Seabird  Waterfowl  Terrestrial birds   
Seabirds / Shorebird Activity:  flying  diving  resting  running  swimming

Impacted Wildlife  Y  N Comments: Fishing

\_\_\_\_\_  
Gr (over)  
\_\_\_\_\_  
all (over)  
\_\_\_\_\_



# SCAT Shoreline Data Sheet

TESORO SPM HOSE SPILL

**TESORO**

Date 1700 24 hrs.

TEAM LETTER  4

Time 09 20 98  
mm dd yy

USGS Quad Name: \_\_\_\_\_

Segment No. Kawaiwae beaches ACCESS: Boat  Jeep  Helicopter

GPS Boundaries \_\_\_\_\_

Type of Oil:  No Oil  Stain  Buried  Tarballs

Area of Stain length: \_\_\_\_\_ width: \_\_\_\_\_ ft. Size of Tarballs \_\_\_\_\_ (dia.)

Location of Oil:  strand line  high tide line  low tide line  other

Beach Use:  Hotel Beach  State Beach  Pocket Beach  Surfing  Swimming  Sun Bathing

No. of people present: 4 Other: \_\_\_\_\_

Shore type: sand  gravel  cliff  basalt bench  seawalls/piers   
wetland  reef  other \_\_\_\_\_

**Meteorologic Data** Air Temp: 79 (F) Wind Speed 10 kt  
Visibility 20+ miles Precipitation: Y  N  Wind Direction: SE  
Average Surf Height 1-3 ft. Swell Height 1-3 ft.

### WILDLIFE:

Seaturtles  Whales  Dolphins  Seals   
Birds: Shorebird  Seabird  Waterfowl  Terrestrial birds   
Seabirds / Shorebird Activity:  flying  diving  resting  running  swimming

Impacted Wildlife  Y  N Comments: Some tarballs noted, old + very hard  
Not expected to be from SPM release. Splice samples collected & released to  
Clayton environmental for processing  
(see notes)  
1/18/98