

JOHN WAIHEE  
GOVERNOR OF HAWAII



KEITH W. AHUE, CHAIRPERSON  
BOARD OF LAND AND NATURAL RESOURCES

DEPUTIES  
JOHN P. KEPPELER, II  
DONAL L. HANAIKE

STATE OF HAWAII  
DEPARTMENT OF LAND AND NATURAL RESOURCES

'94 NOV 22 09:15 P. O. BOX 621  
HONOLULU, HAWAII 96809

Ref: LM-PO-<sup>UEC</sup>SL  
QUALITY

NOV 21 1994

AQUACULTURE DEVELOPMENT  
PROGRAM  
AQUATIC RESOURCES  
BOATING AND OCEAN RECREATION  
CONSERVATION AND  
ENVIRONMENTAL AFFAIRS  
CONSERVATION AND  
RESOURCES ENFORCEMENT  
CONVEYANCES  
FORESTRY AND WILDLIFE  
HISTORIC PRESERVATION  
LAND MANAGEMENT  
STATE PARKS  
WATER AND LAND DEVELOPMENT

Dr. Bruce S. Anderson, Acting Director  
Office of Environmental  
Quality Control  
State of Hawaii  
220 S. King Street, 4th Floor  
Honolulu, HI 96813

Refer to: MA-94:464

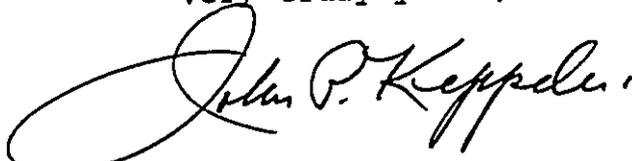
Dear Dr. Anderson:

Subject: Negative Declaration for the Supplemental  
Environmental Assessment for the Proposed  
Olowalu Game Management Area

The Department of Land and Natural Resources, Division of Land Management has reviewed the comments received during the thirty (30)-day public comment period which began on September 8, 1994. The agency has determined that this project will not have a significant environmental effect and has issued a negative declaration. Please publish this notice in your next scheduled OEQC Bulletin.

We have enclosed a completed OEQC Bulletin Publication Form and four (4) copies of the final Environmental Assessment. Please contact Mr. Steve Lau at 587-0424 if you have any questions.

Very truly yours,

  
for KEITH W. AHUE

11/23 No  
comment letters  
per Steve Lau

Enc.

cc Maui District Land Board Member  
Maui District Land Office

FINAL  
SUPPLEMENTAL ENVIRONMENTAL ASSESSMENT  
for the  
OLOWALU GAME MANAGEMENT AREA, MAUI

1. Proposed Agency  
State of Hawaii  
Department of Land and Natural Resources  
Division of Forestry and Wildlife
  
2. Approving Agency  
The State Department of Land and Natural Resources, by its Board.

Introduction

This Supplemental Environmental Assessment for the proposed Olowalu Game Management Area, Maui is submitted to include an additional 100 acre parcel of land into the proposed area. The original Environmental Assessment for the project was submitted for and subsequently published in the July 8, 1993 edition of the OEQC Bulletin. Following the appropriate review period a negative declaration was issued. It was since learned that an additional 100 acres, originally thought to be a separate parcel from those sought for inclusion in the project area, was in fact an un-subdivided portion of one project parcel. For technical reasons, the proposing agency was requested to submit this supplemental assessment in lieu of separating out the 100 acre tract of land.

The proposed Game Management Area encompasses a tract of State owned lands located between Ukumehame Gulch and Awalua, mauka of the Olowalu cinder pit. The area includes two of the three agricultural zoned parcels currently under revocable permit with Pioneer Mill Company, Limited (PMCO); these being TMK's 4-8-02:08 and 4-8-03:08 (Por), totaling 1033 acres. These lands along with TMK 4-8-02: Por 02 are currently under Revocable Permit S 6081, renewable annually. PMCO has maintained control of these parcels under various leases since 1949.

Within the two subject parcels under PMCO's control, PMCO acknowledges the use of approximately 25 acres for sugar cane production. The balance of the lands are identified as either waste or utilized as pasture. Inspection of the lands reveal no plantation use of the land other than the above sugar cane production.

The additional 100 acres, subject of this supplemental, is the balance of TMK 4-8-03:08. This land is currently under Revocable Permit S 6080 to an Ernest NUNES for pasturage. Although so leased, no ranching operation or other use by Mr. NUNES is being undertaken in this area.

Transversing the entire project area are Maui Electric Company, Limited (MECO) utility lines. In conjunction with the power lines and structures, MECO has rough cut service roads in the region.

Managing a public hunting program with available access to these State-owned lands will provide for an additional 1100 plus acres for game bird hunting. The

primary action necessary will be a development project for game bird watering devices, two hunter checking stations, hunter parking sites, and improvements to the existing utility service road system.

3. Agencies Consulted in Making Assessment

Division of Land Management, Maui  
Natural Area Reserve System  
Na Ala Hele  
Aquatic and Wildlife Advisory Committee, Maui County

4. General Description of the Action's Technical, Economic, Social, and Environmental Characteristics.

Under the Statewide Wildlife Plan, the Division of Forestry and Wildlife has made a commitment to acquire additional areas considered suitable to manage and implement public hunting.

Management plans for this area would involve the construction of game bird watering devices, hunter checking stations, hunter vehicle parking sites, improvements to existing service roads, and reforestation in the more severely eroded areas.

The region has huntable populations of game birds including Gray Francolin (Francolinus podicerianus), Black Francolin (Francolinus francolinus), Spotted Dove (Streptopelia chinensis), and Barred Dove (Geopelia striata). Hunting of these game bird species is regulated under the Division of Forestry and Wildlife public hunting administrative rules.

The proposed area, below the forest reserve, holds several native plant species, although the vegetational cover of the area consists, in most part of Kiawe (Prosopis pallida) and buffelgrass (Cenchrus ciliaris). Other plants found in the parcel include:

Koa-haole (Leucaena glauca)  
Klu (Acacia farnesiana)  
Uhuloa (Waltheria indica)  
Zinnia (Zinnia elegans)  
A'ali'i (Dononaea eriocarpa)  
Naio (Myoporum sandwicense)  
Ili-ahi (Santalum ellipticum)  
Wild bean (Phaseolus lathyroides)  
Ilima (Sida fallax)  
Natal Redtop (Rhynchelytrum repens)  
Pili (Heteropogon contortus)

The avifauna of the area includes few endemic and indigenous wildlife species. The majority of the wildlife inhabitants is composed of exotic or introduced species.

The following is a list of animals that have been observed or reported to be present in the area:

Mammals

Feral Cats (Felis catus)  
Feral Dogs (Canis familiaris)  
Mongoose (Herpestes auropunctatus)  
Rat (Rattus sp.)

Birds

Gray Francolin (Francolinus pondicerianus)  
Black Francolin (Francolinus francolinus)  
Pheasant (Phasianus colchicus)  
Spotted Dove (Streptopelia chinensis)  
Barred Dove (Geopelia striata)  
Common Myna (Acridotheres tristis)  
Japanese White-eye (Zosterops japonicus)  
House Finch (Carpodacus mexicanus)  
Warbling Silverbill (Lonchura malabarica)  
Common Barn Owl (Tyto abla)  
Pacific Golden-Plover (Pluvialis fulva)  
Pueo (Asia flammeus sandwichesis)  
Japanese Bush-Warbler (Cettia diphone)  
Northern Mockingbird (Mimus polyglottus)  
Northern Cardinal (Cardinalis cardinalis)

Establishing this area as a public hunting area will provide an area on West Maui for public hunting of game birds, relieving the hunting pressure on Maui's other public game bird areas in the Kula/Kahikinui Forest Reserves. As the project will attract hunters driving in from various locations on Maui, businesses along the route would benefit.

5. Summary Description of the Affected Environment, Including Suitable and Adequate Location and Maps.

The proposed project will occur on State-owned lands in the Olowalu and Ukunehame districts located on the west slopes of the West Maui mountains. Mauka of the 1108 acre site is the West Maui Forest Reserve. Makai, the site is bordered by Pioneer Mill Company Limited sugar cane fields, except in two locations where the parcels extends to Honoapiilani Highway. The area is characterized by uneven terrain, rising from sea level to 1,000 feet, containing several gulches and ravines (EXHIBITS B, C, and D). The area is eroded with barren subsoils present, steep rocklands, and rock outcroppings. The average annual rainfall in the area is about 15 inches.

Within the project area 1,033 acres is currently under revocable permit to Pioneer Mill Company Limited for the growing of sugar cane and grazing use.

Although the permit indicates the intent for use of the lands, at least in part, for grazing, and is indicated as such through County Real Property Tax records, an inspection of the area in April 1991 revealed no evidence of prior or existing fencing in the area.

It appears that 1,008 acres (from Real Property records) is currently in non-

use, hence the establishment of a Game Management Area over these lands would better benefit the public.

The additional 100 acres included via this supplemental is a continuation northward of TMK 4-8-03:08. The physical description of this area is identical to that of the adjoining PMCO leased portion. The land is currently under revocable permit to Ernest NUNES for the purpose of pasturage. At one time a number of fence posts were delivered to the parcel, however no fences were constructed nor is any evidence of grazing apparent. Should the area be established for pasture purposes, this activity would be compatible with the intended Game Management Area.

6. Identification and Summary of Major Impacts, Alternatives Considered, If any.

Short term adverse effects of the proposed project are related to the undesirable condition which will exist during the process of the work. There will be noise and dust generated during preparation of the parking and check station sites, service road improvements, and construction of the prefabricated check stations, but since the project site is removed from residential areas, residents should be unaffected. Site preparation will involve the clearing of a 50 foot by 100 foot parking area and check station pad and placement of base material. Water unit construction will involve grubbing and hand excavation of introduced grasses to provide a suitable site for placement of a water storage tank. Although few native local plants are located in the project area, these will be avoided so as not to disturb these species. Prior to any proposed development projects in the area, the Historic Site Commission will be contacted for an on site inspection to prevent the disturbance to any area of archeological significance. A limited amount of dust, oil, lubricants, and exhaust fumes is anticipated during the site and road improvements. The site preparation will involve the removal of introduced grasses and Kiawe. Service road improvements will involve grading of the existing service road system. Disturbance to wildlife will be minimal during construction. All these adverse effects will dissipate once the construction phase is completed and conditions stabilize following development.

Within the additional 100 acres addressed in this supplemental, no development projects are planned. As such, no impact to this area is anticipated.

7. Proposed Mitigation Measures, If any.

The proposed project will involve the prefabrication of two 8 foot by 8 foot hunter checking stations at the Kahului baseyard, and trucking the components to the project sites. This prefabrication work will greatly reduce the construction time spent at the sites, thus reducing any disturbance in the area. Site preparation for the water units will be with hand tools making clearing and grading more controlled, minimizing disturbance.

8. Determination.

The proposed project providing an additional 1108 acres of game bird hunting

will encourage public hunters to utilize this area, relieving hunter pressure from Maui's primary bird hunting area at Kula/Kahikinui Forest Reserves. Improved non public access into the area will provide for better protection of the area and the forest reserve, mauka.

9. Findings and Reasons Supporting Determination.

The proposed development will provide an additional 1108 acres for recreational game bird hunting. At present the only public game bird hunting area is the Kula/Kahikinui Game Management Area on the South slopes of Haleakala. This project will be more conveniently located for those Lahaina and Central Maui hunters. As such the hunting pressure in the Kula/Kahikinui area will be reduced.

With improvements and maintenance of the existing service roads, faster response will be possible into the project area in the event of a wild-land fire. These roads will also serve as fire breaks thus better protecting the area.

10. Agencies to be Consulted in Preparation of the EIS if Applicable.

Department of Land and Natural Resources  
Maui County Aquatic Life and Wildlife Advisory Committee  
Maui County Public Works Department  
Office of Environmental Quality Control  
Soil Conservation Service

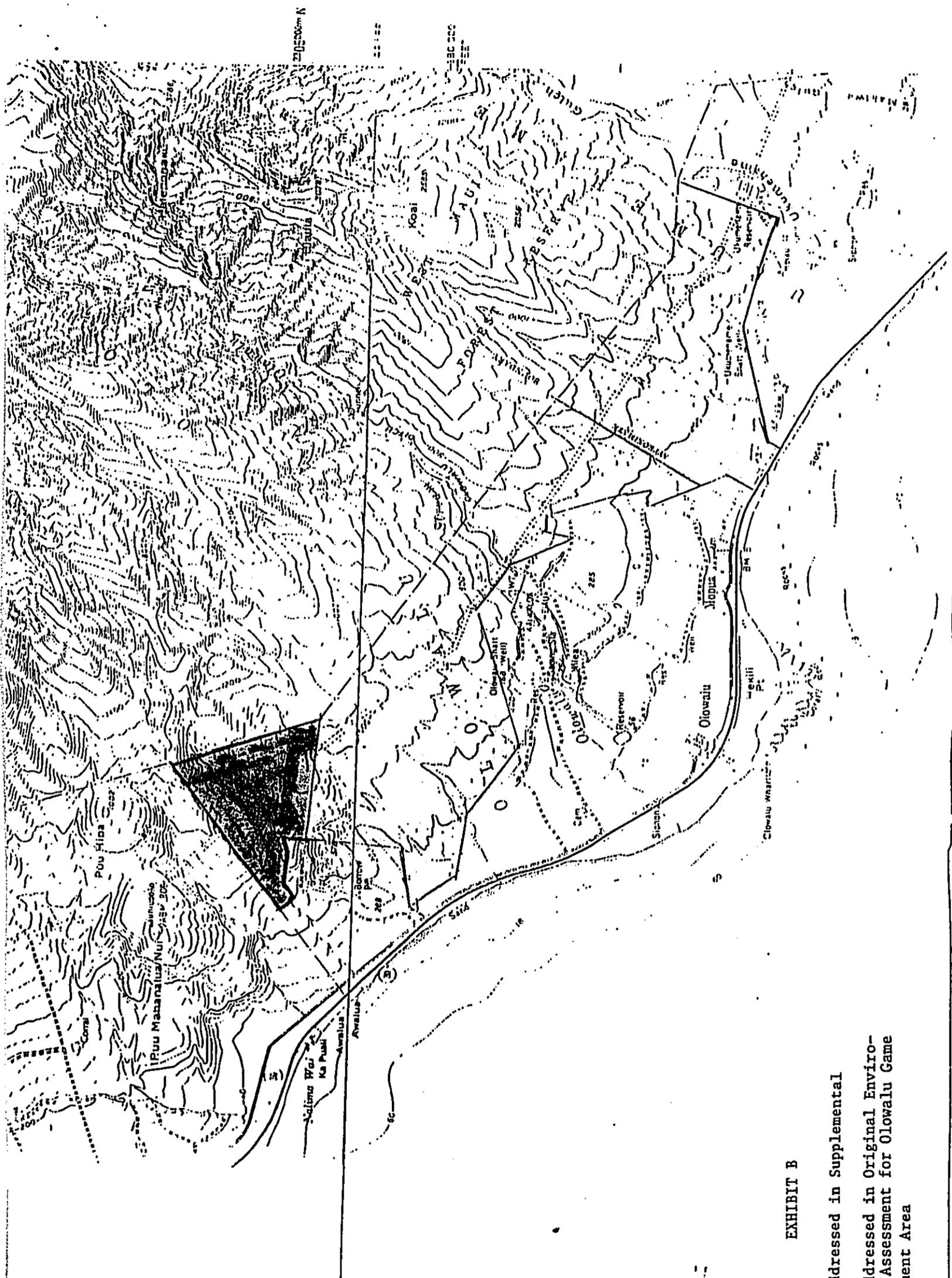


EXHIBIT B

-  Land Addressed in Supplemental
-  Land Addressed in Original Environmental Assessment for Olowalu Game Management Area

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U K U M E H A M E

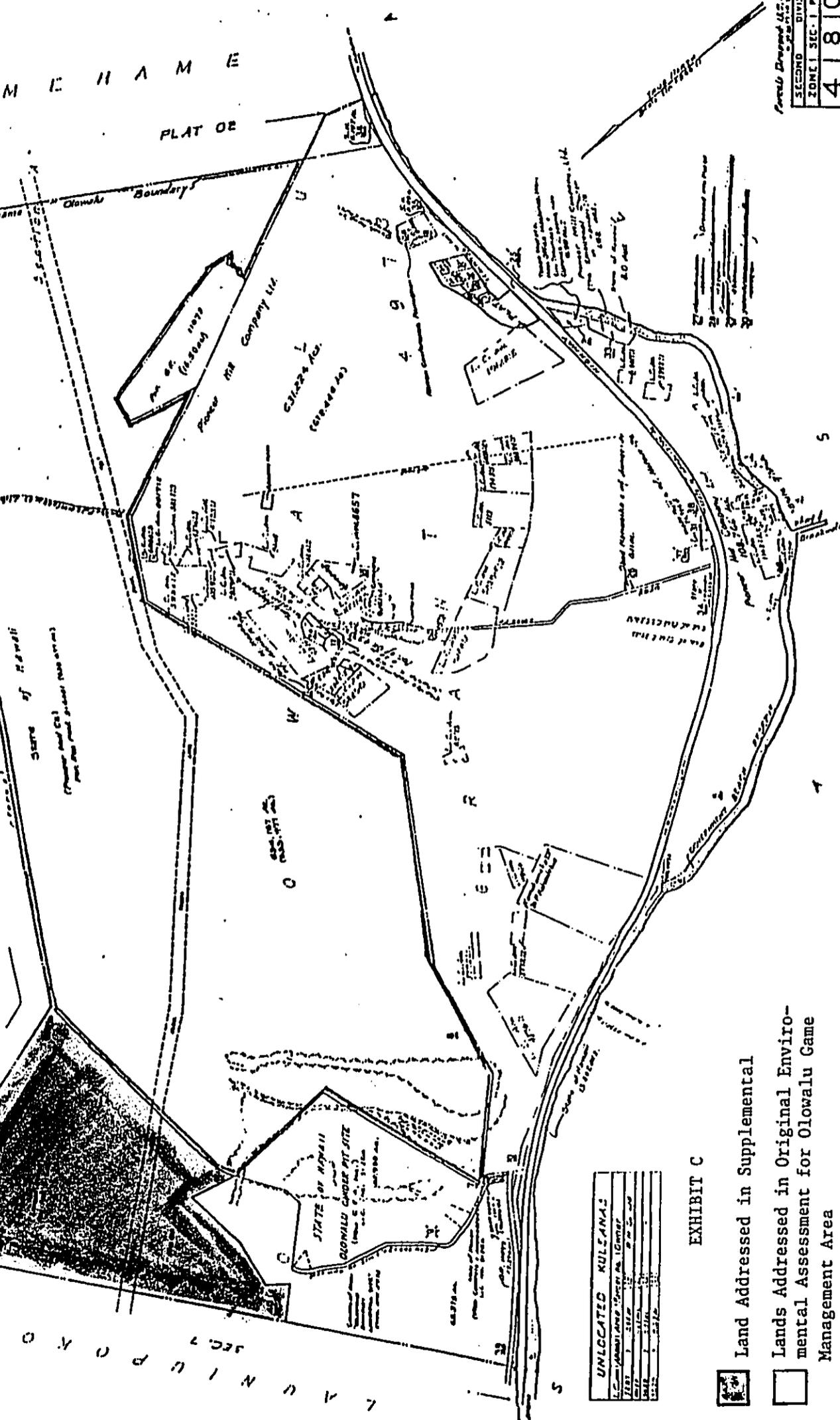
PLAT 02

Ukumehame Boundary

PLAT 01

MAUI

STATE OF HAWAII



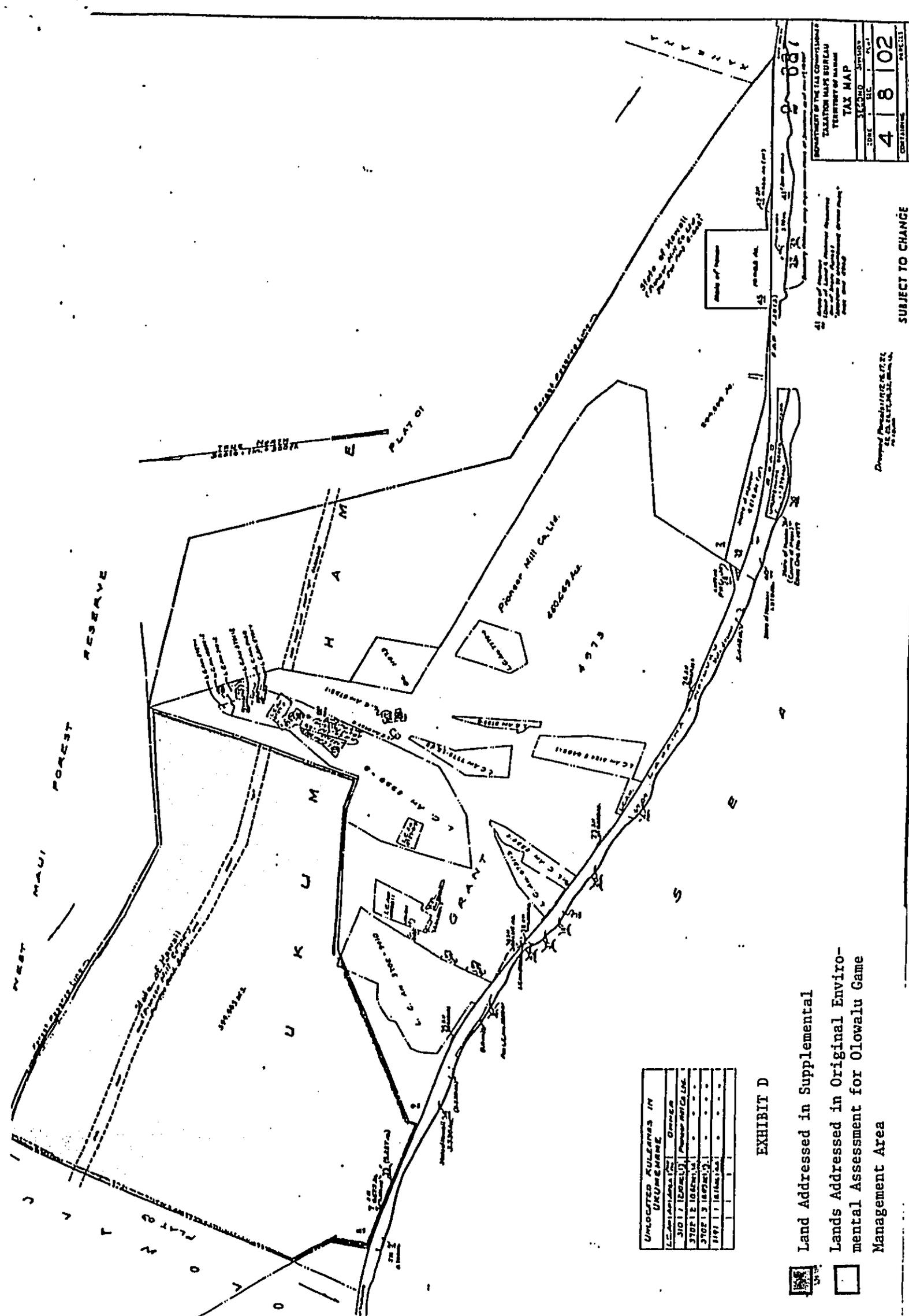
UNLOCATED KULANAS			
L.C. NUMBER	AREA (ACRES)	DATE	OWNER
1001	1.12	10/1/54	STATE OF HAWAII
1002	1.12	10/1/54	STATE OF HAWAII
1003	1.12	10/1/54	STATE OF HAWAII
1004	1.12	10/1/54	STATE OF HAWAII
1005	1.12	10/1/54	STATE OF HAWAII

EXHIBIT C

- Land Addressed in Supplemental
- Lands Addressed in Original Environmental Assessment for Olowalu Game Management Area

Fourth Revised 1/25/88  
 SECOND DIVISION  
 ZONE I SEC. I PLAT  
**418103**  
 CONTAINING PARCELS  
 SCALE: 1" = 300'

DATE: 1/25/88  
 BY: [Signature]



UNLOCATED RULES IN URUWENAME	OWNER
3101 1 120111	PIONEER MILL CO. LTD.
3702 1 2 100111	PIONEER MILL CO. LTD.
3702 1 3 100111	PIONEER MILL CO. LTD.
3702 1 4 100111	PIONEER MILL CO. LTD.

**EXHIBIT D**

Land Addressed in Supplemental  
Lands Addressed in Original Environmental Assessment for Olowalu Game Management Area



DEPARTMENT OF THE TAX COMMISSIONERS  
TAXATION MAPS BUREAU  
TERRITORY OF HAWAII  
TAX MAP  
SECTION 1 SURVEY  
418102  
SCALE 1" = 100'

SUBJECT TO CHANGE

Drawing Prepared by: [Name]  
Date: [Date]