



Kaho'olawe Close Out Issues

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Pacific Division

Project Status

- Clearance complete 12/30/03
- Demob complete 3/12/04 plus
- 22,059 net acres surface cleared UXO
- 2,636 net subsurface acres
- 10M+ pounds range scrap collected
- 93,000+ UXO disposed
- 14,000 tires removed
- 4.8+ M workhours explosive accident free.

CLOSE OUT ISSUES

- Material Management
- QC/QA
- After Action
Reports/Certification
- Transition to State
 - Data, Range Control,
Base Camp
- Post Clearance
Monitoring/Response



Scrap Disposal







UYO REM

REMIL

REMIL

REMIL

REMIL





QC / QA





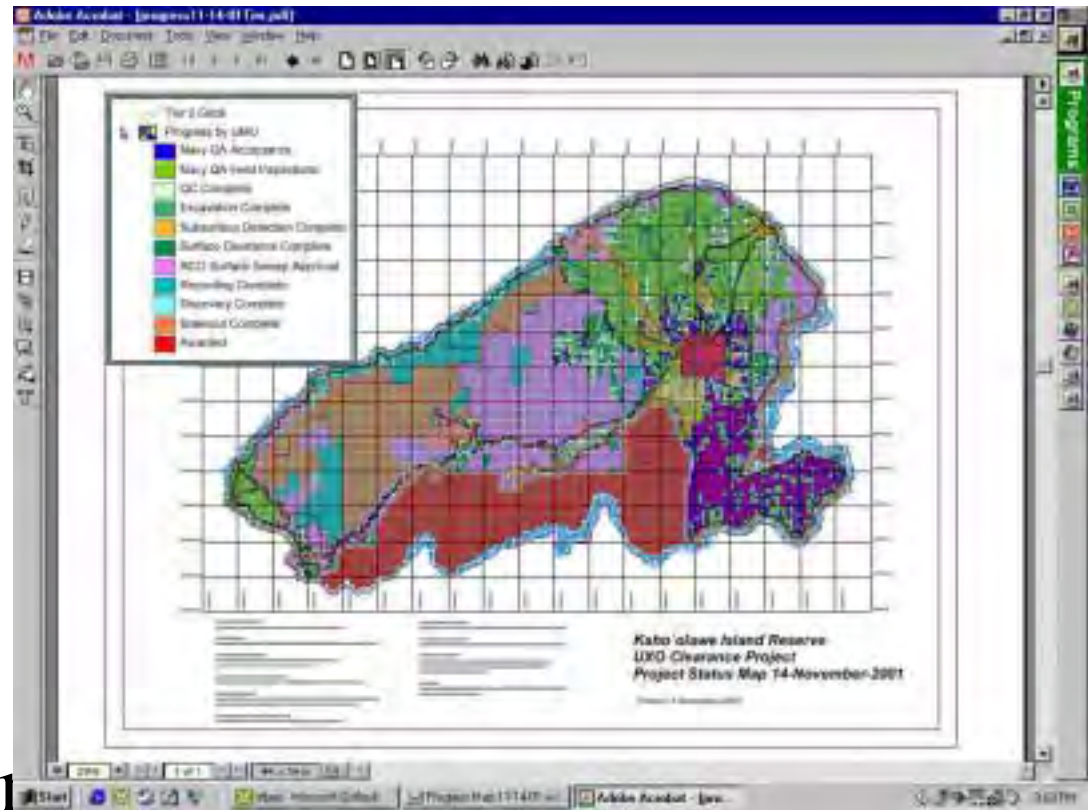
“HOT TURNOVER”

Base Camp, Range Control, DMS



Data Management

- Most significant deliverable
- Requirements:
 - Database foundation
 - GIS interface
 - User interface
- Kaho'olawe solution
 - Oracle Spatial
 - GeoMedia GIS
 - Web-page user interface





Legend Map Queries Progress Maps

Map Features

Grid Features:

- ☒ 1000m Grid
- ☒ GMUs
- ☐ Work Areas
- ☐ Block Assess



Investigation Features:

- ☐ Anomalies
- ☒ EV Points
- ☒ HP Areas
- ☒ NR Points
- ☒ UX Points



Contours:

- ☒ 10m Contours
- ☐ 1m Contours

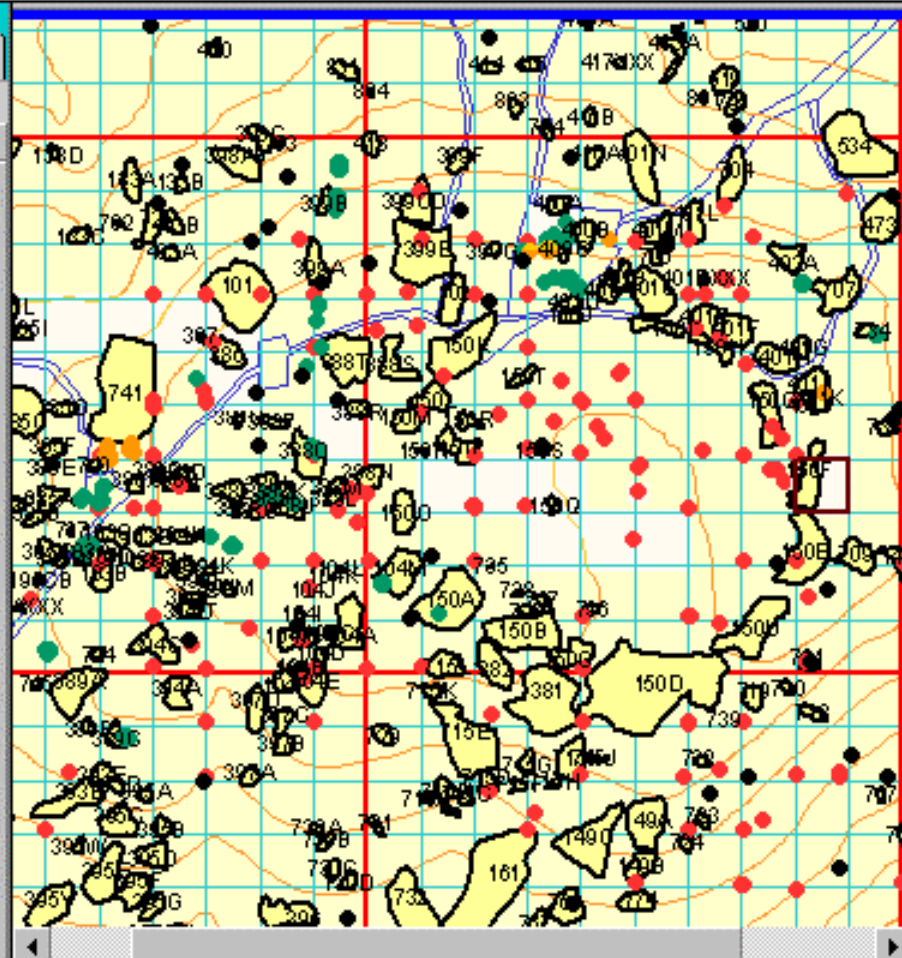


Aerial Photos:

- ☐ 1992 Aerials
- ☐ 1986 Aerials



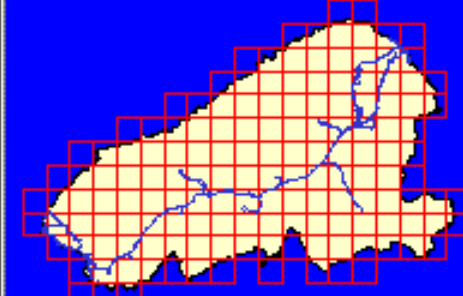
Submit



Summary for Work Area Lua Total # of GMUs:
Makika 205

Total # Completed GMUs		Total Weight Removed (lbs)	
Stakeout	205	Brass	904
Discovery	205	Ahmmirum	1505.8
Recording	205	Other Met. Demil.	7628.5
Area Prep	170	Other Met. No Demil.	16288
Surface Clearance	169	Target Remnants	
Subsurface Detection	132	Non UXO Remnants	11229
Excavation	148	Subsurface	28657.36
		All Materials	66212.66

Vicinity Map



Map Navigation



Map Navigation Tips:

- Use the first Magnify button to define a zoom box in a map.
- The second Magnify button will allow you to zoom back from your current map view.
- The Hand button will allow you to pan the map view in any direction.
- Use the R button to refresh the map after a map pan or clicking a checkbox on the Legend.

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An aerial photograph of a rugged coastline. A steep, rocky cliff with sparse vegetation drops down to a dark blue ocean. A path of people, appearing as small white and yellow figures, winds along the top of the cliff. The sky is a pale blue with some clouds.

**POST
CLEARANCE**

Monitoring

Response Action

What Kaho`olawe Has Done For You

- Established Template for AAR's**

- Notice/Certification Procedure**

- Risk Management**

- Less than full area UXO clearance**

- Institutional Controls**

- ”Turn over” over and above Admin. Record**



QUESTIONS?

