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## UXO Survey and Removal, Kanaio Impact Area

### *Kanaio, Maui, Hawaii*

Working with other team partners, ZAPATA conducted a survey and removal of Munitions and Explosives of Concern (MEC), MEC scrap, and "MEC-like" items from a 1500 acre impact area formerly used by the Hawaii National Guard.

In addition, the team also performed a cultural resource and biological resource reconnaissance to identify, document, and protect culturally significant sites that could be potentially impacted by ordnance disposal activities.

The project presented significant challenges due to the remoteness of the site, lack of road access within the 1500 acre impact area, and extremely steep and unstable terrain.



Despite the challenges, the crew completed the survey ahead of schedule. The project resulted in the discovery of more than 30 hazardous MEC items and over 2500 pounds of MEC scrap. All hazardous MEC items were disposed of by detonating in place. Due to the lack of vehicle access within the site and hazards involved in the survey crew carrying heavy scrap items over the treacherous terrain, the scrap was consolidated into staging areas and lifted out by helicopter.



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