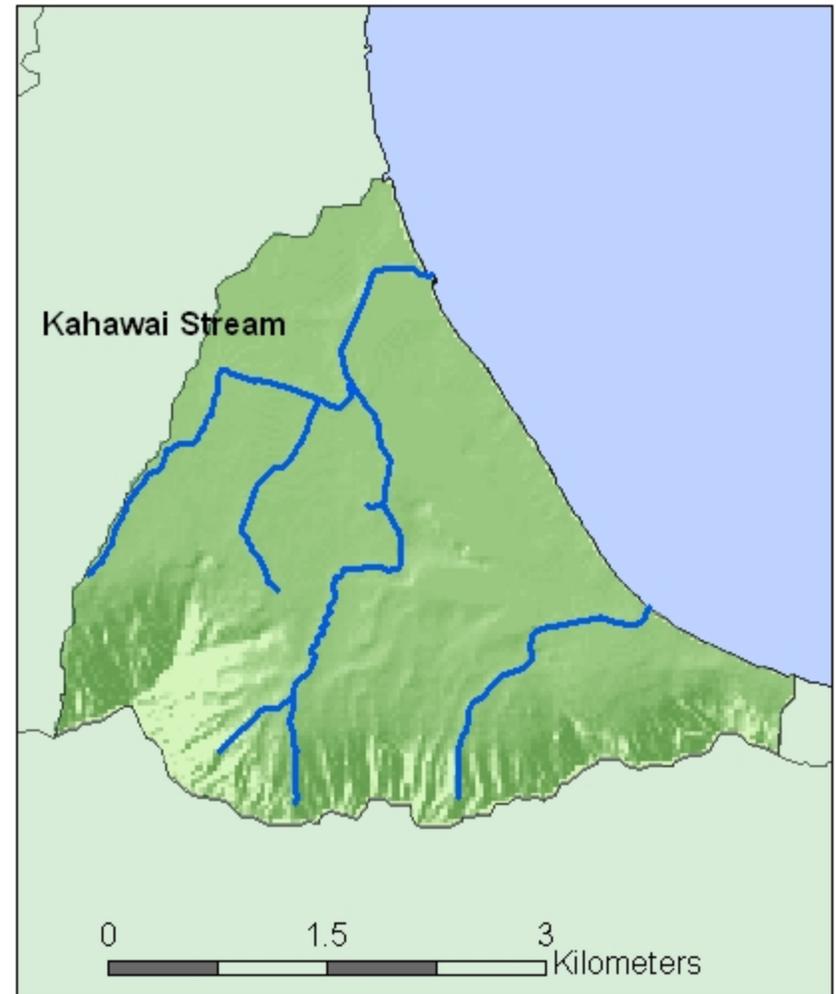
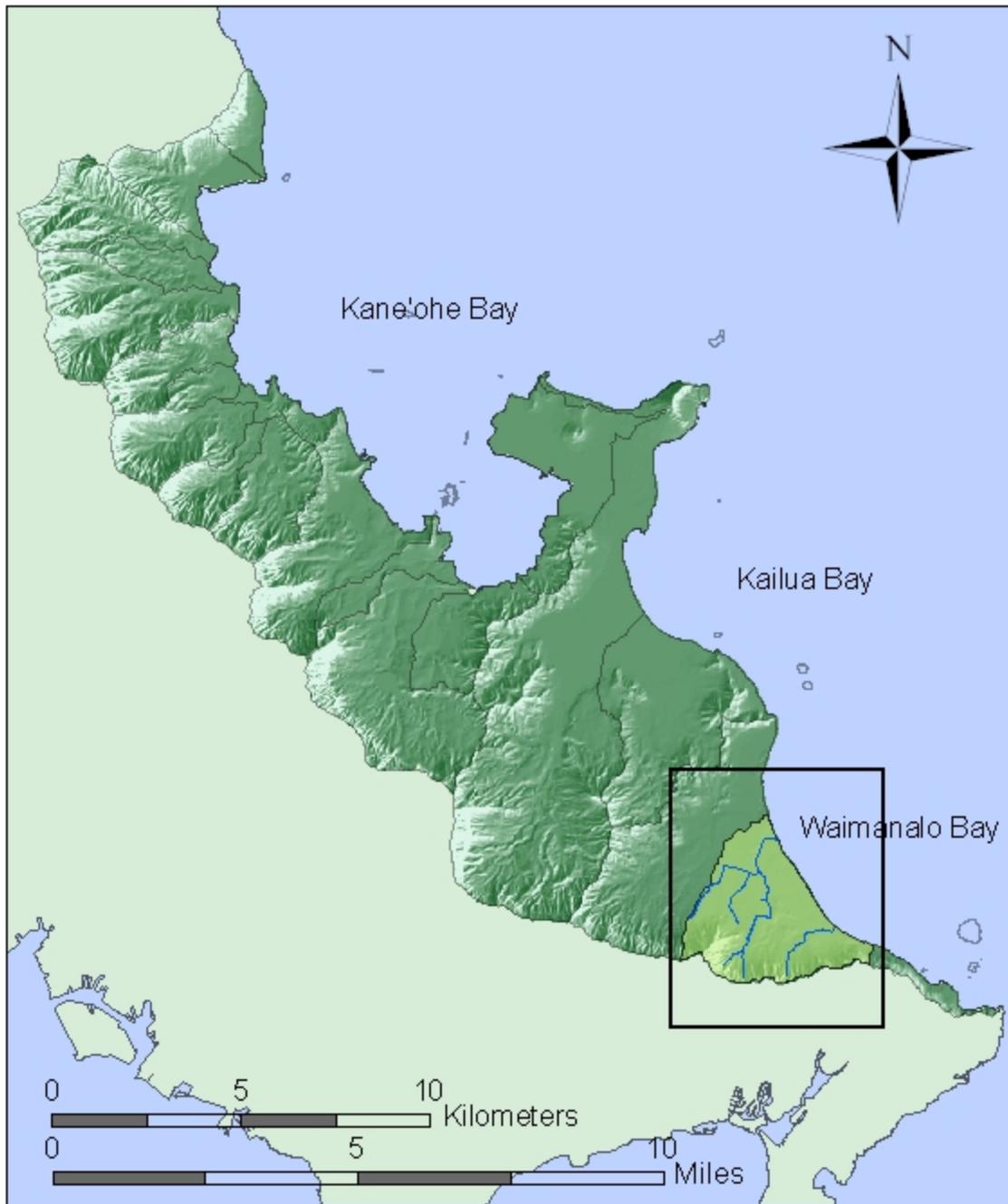
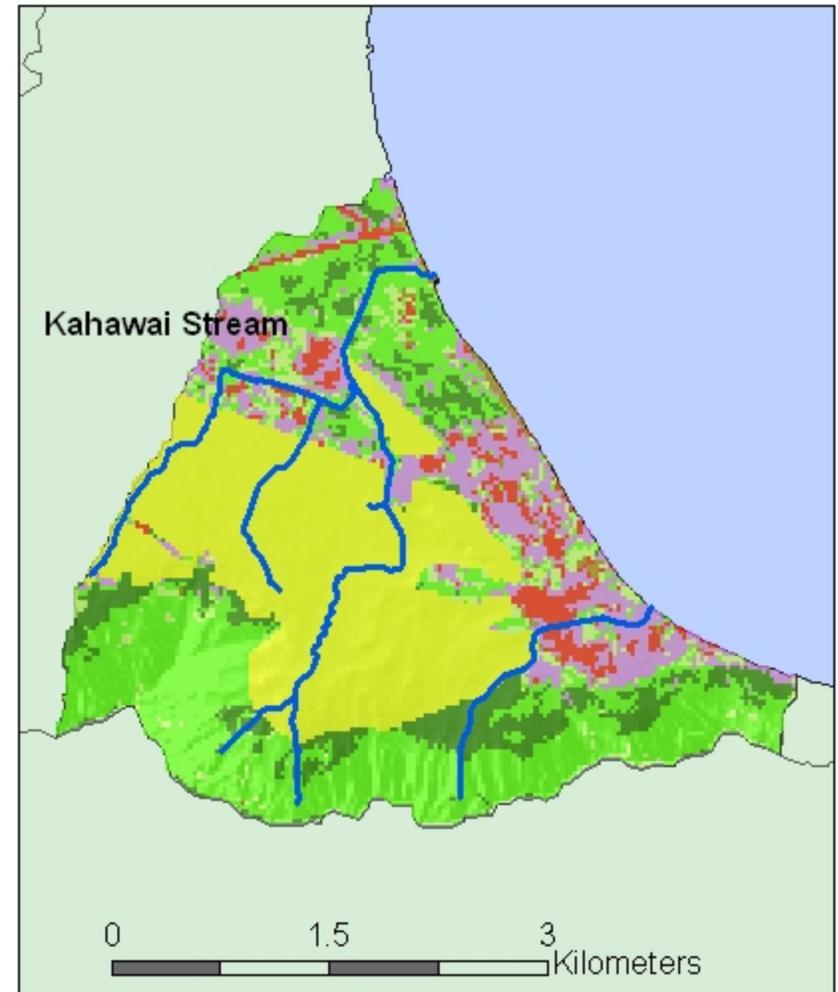
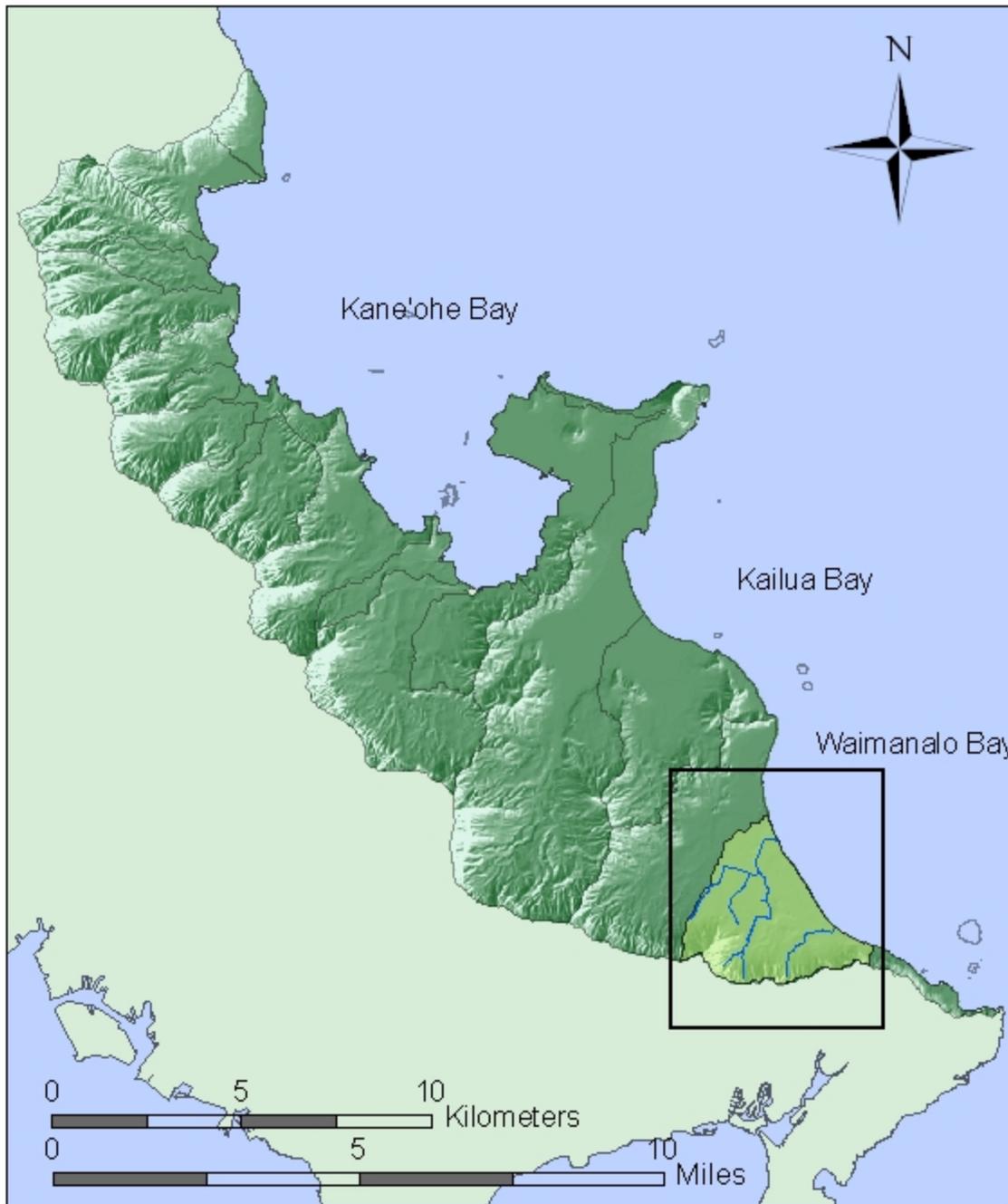


Ko'olaupoko Moku: Kahawai Watershed



Map Created by:
KBAC
Christina Speed
August 2006

Ko'olaupoko Moku: Kahawai Watershed



Legend

- | | |
|----------------------------|------------------|
| Streams | Grassland |
| High Intensity Development | Evergreen Forest |
| Low Intensity Development | Scrub/Shrub |
| Cultivated Land | Bare Land |

Data Source: C-CAP

Map Created by:
KBAC
Christina Speed
May 2007

Kahawai Watershed: Land Use

Data Source: C-CAP

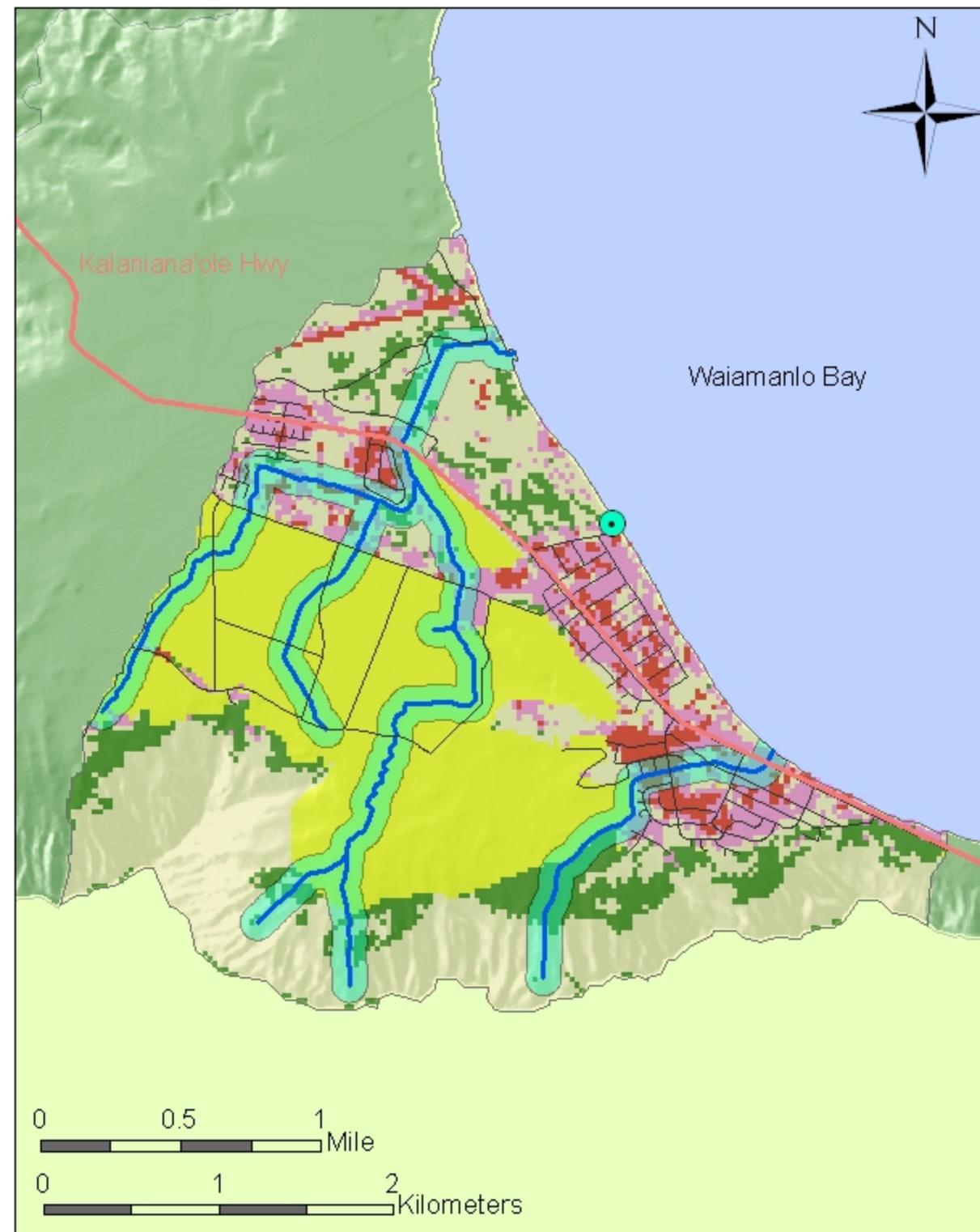
Within 100 meters of
Kahawai Streams

Land Use	Total Area of Land Use (HA)	Area (HA) within 100 meters	% within 100 meters
High Intensity Development	55.71	9.18	16.48%
Low Intensity Development	135.99	24.39	17.94%
Agricultural Lands	399.51	115.56	28.93%
Wetlands	N/A	N/A	N/A
Forested Lands	125.01	23.04	18.43%
Other	479.25	63.63	13.28%

Legend

-  Water Quality Monitoring Stations (DOH)
-  Kahawai Streams
-  Streets
-  100 m Buffer
-  High Intensity Development
-  Low Intensity Development
-  Cultivated Land
-  Forest
-  Other

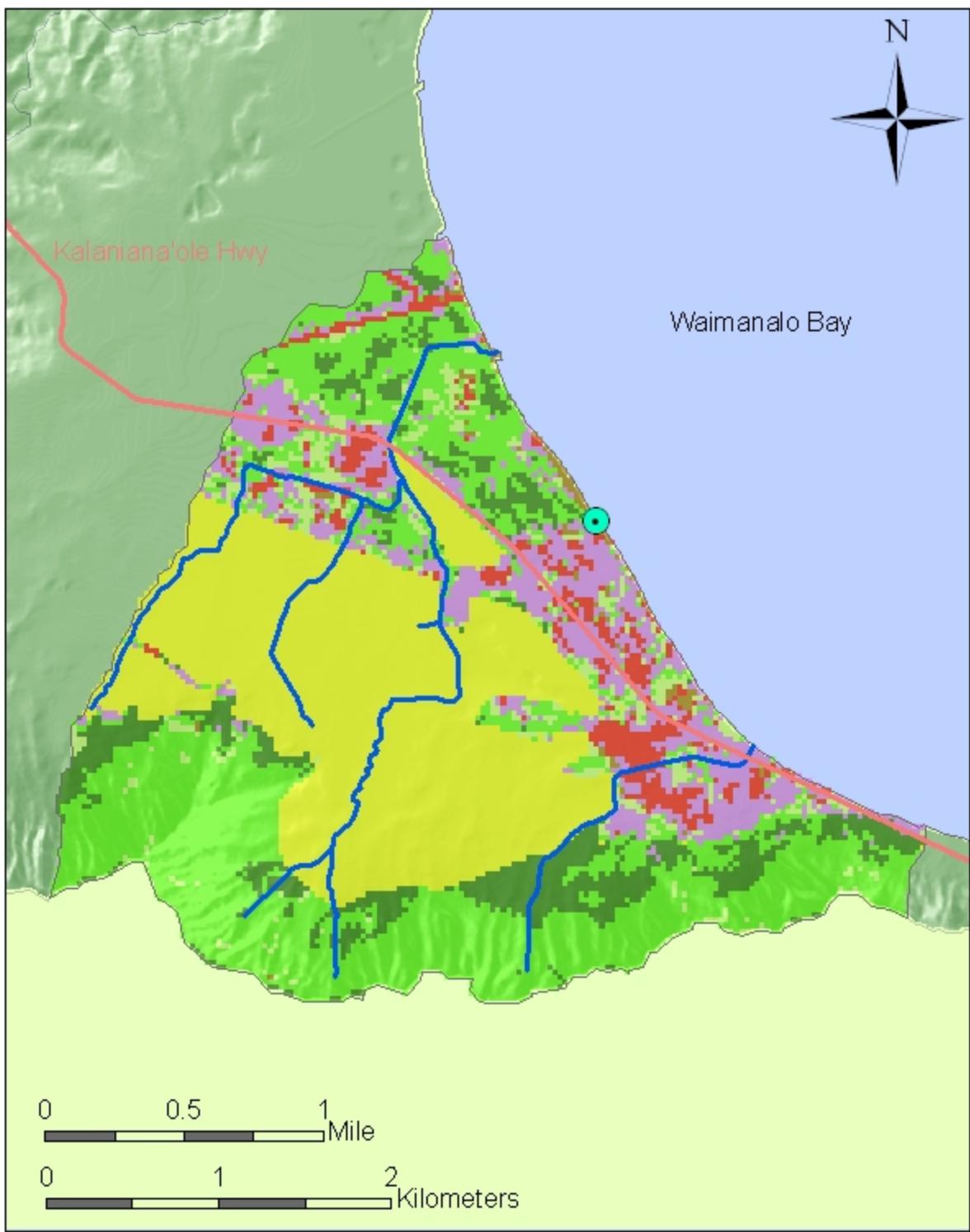
Map Created by:
KBAC
Christina Speed
September 2006



Kahawai Watershed: Land Use/Land Cover

Data Source: C-CAP

Total Area of Watershed:
1,196 hectares
2,956 acres

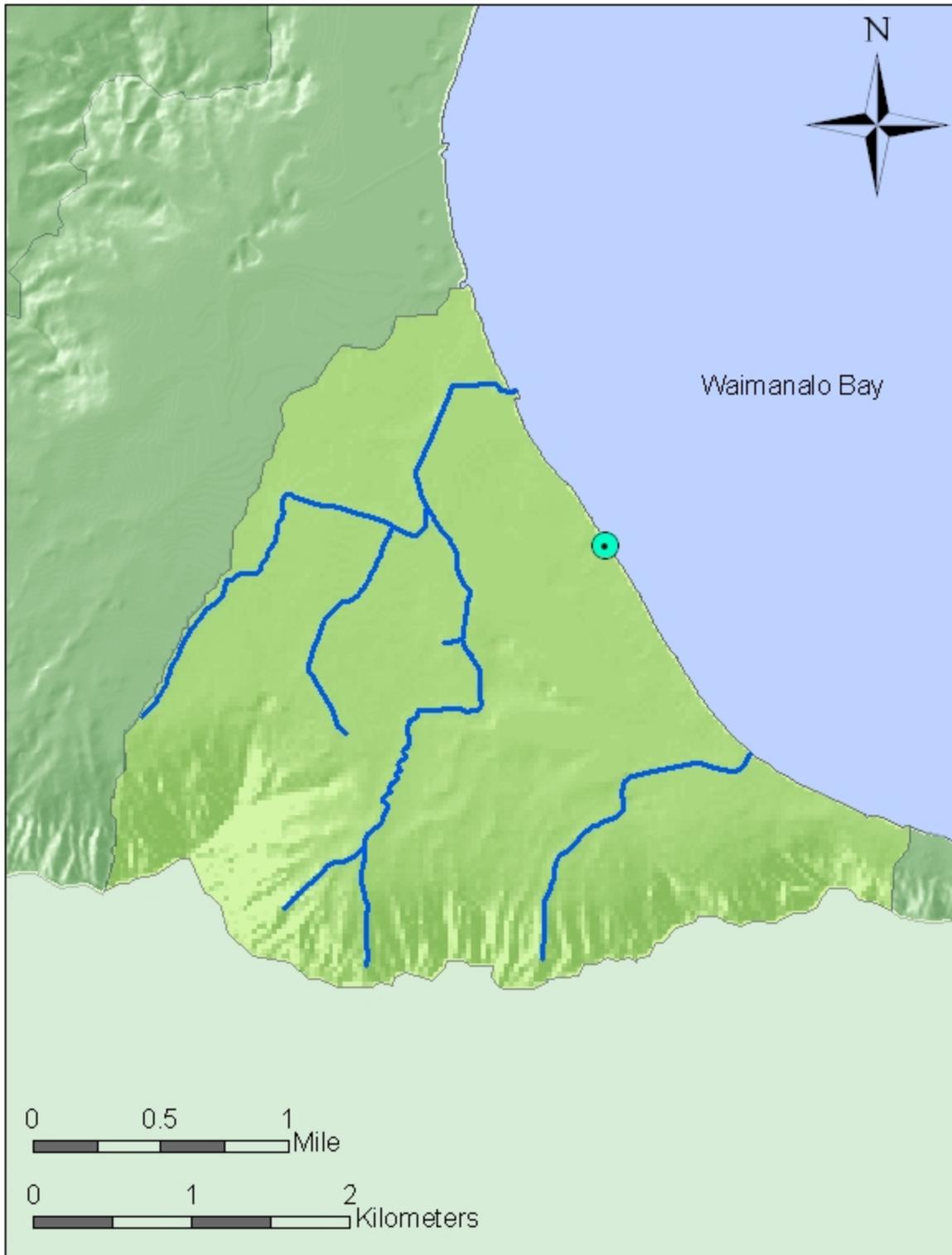


Legend

- Water Quality Monitoring Stations (DOH)
- Kahawai Streams
- High Intensity Development
- Low Intensity Development
- Cultivated Land
- Grassland
- Evergreen Forest
- Scrub/Shrub
- Bare Land

Map Created by:
KBAC
Christina Speed
September 2006

Kahawai Watershed: Stream Description



Waimanalo Bay

303d Status:
No Impaired Waters

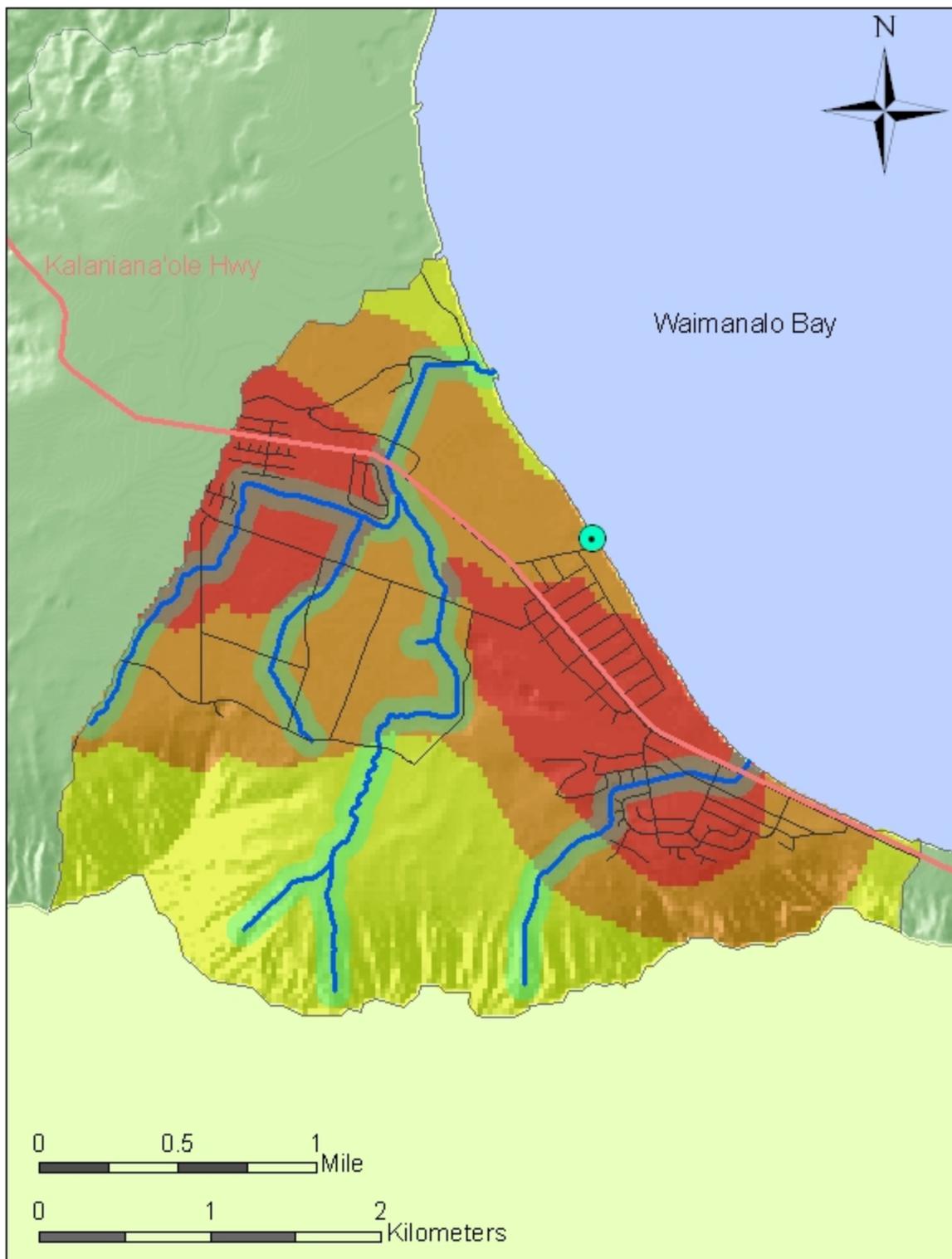
Total Length:
7.7 miles
12,360 m

Legend

-  Water Quality Monitoring Stations (DOH)
-  Kahawai Streams

Map Created by:
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September 2006

Kahawai Watershed: Streets



Average Street Density in Watershed:
34 meters / hectare

Total Length:
40,518 meters of road

Total Length Within a Specified Distance:
100m: 17,298 m
50m: 13,597 m
20m: 17,295 m

Legend

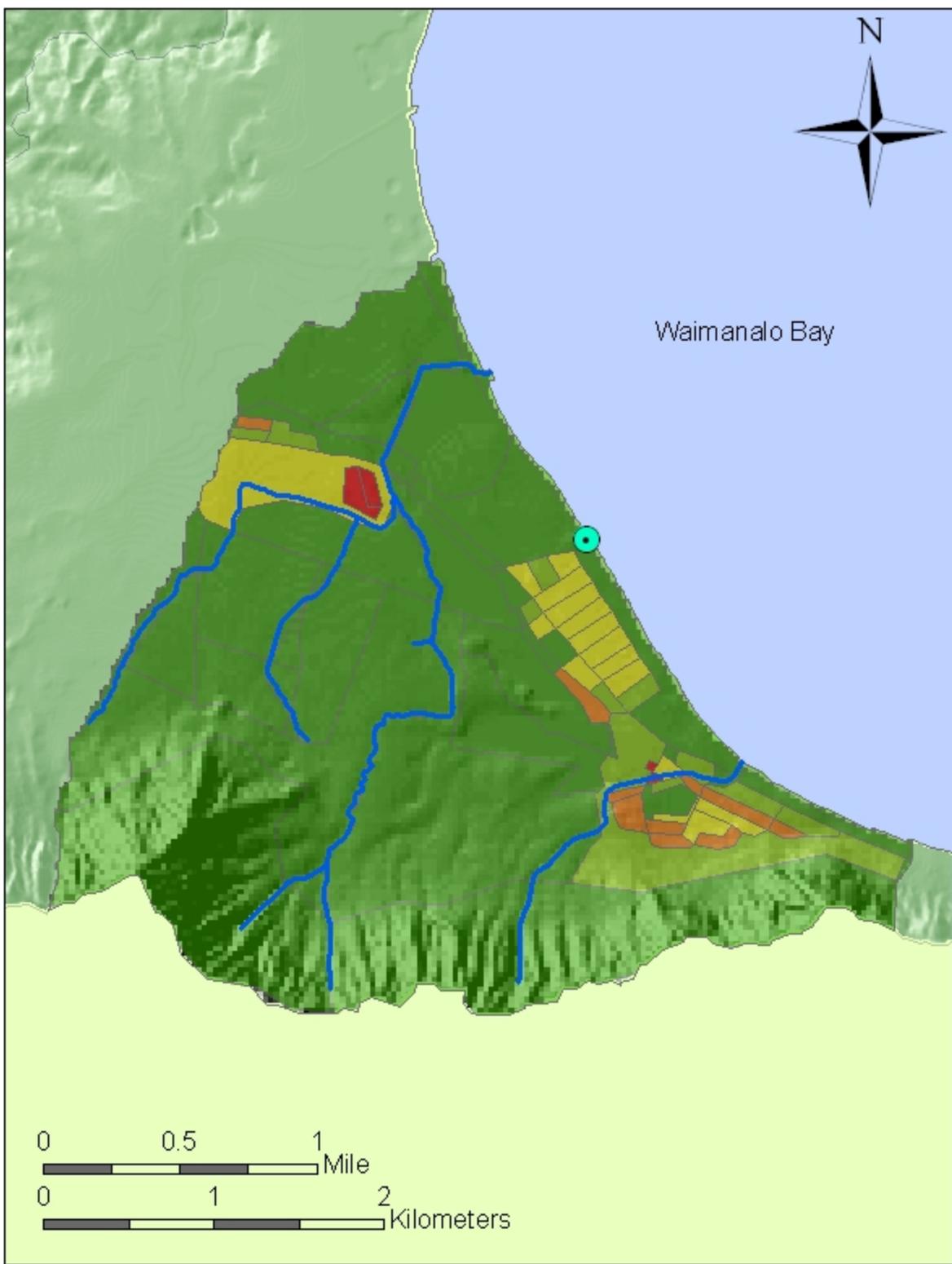
-  Water Quality Monitoring Stations (DOH)
-  Kahawai Streams
-  Streets
-  Distance 100 m

Street Density

-  Low
-  Medium
-  High

Map Created by:
KBAC
Christina Speed
September 2006

Kahawai Watershed: Population Density



**Total Population: 7,544 people
U.S. Census 2000**

Legend

-  Water Quality Monitoring Stations (DOH)
-  Kahawai Streams

Density:

people/hectare

-  0-7
-  8-26
-  27-46
-  47-83
-  84-123

Map Created by:
KBAC
Christina Speed
September 2006