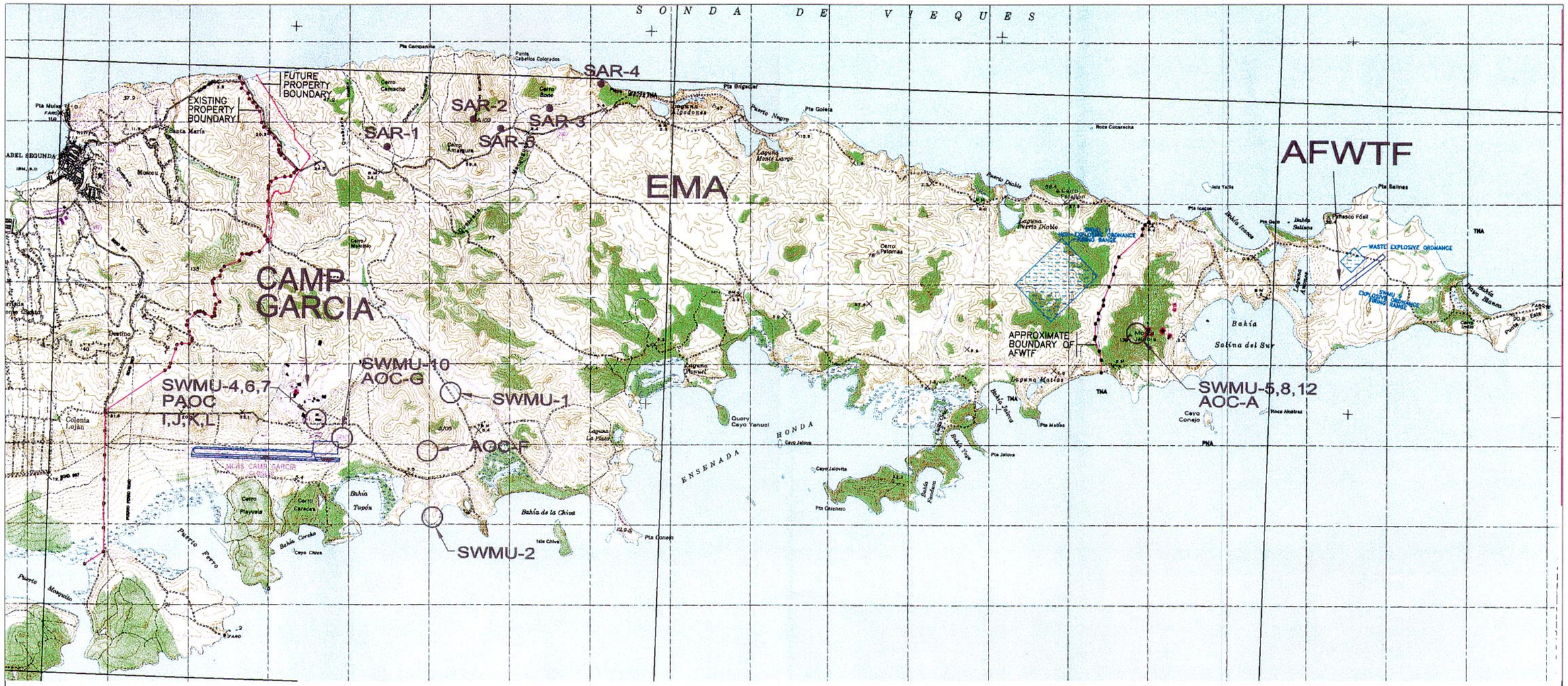

Legend:
EMA – Eastern Maneuver Area.
AFWTF – Atlantic Fleet Weapons Training Facility.
SWMU – SOLID WASTE MANAGEMENT UNIT
AOC – AREA OF CONCERN
PAOC – POTENTIAL AREA OF CONCERN
SAR – SMALL ARMS RANGE
NOTE:
SITES I,J,K, AND L ARE POTENTIAL AREAS OF CONCERN. THESE SITES WILL REQUIRE FURTHER INVESTIGATION TO DETERMINE WHETHER RELEASE OF HAZARDOUS MATERIAL. HAS OCCURRED AT EACH RESPECTIVE SITE.

SWMU'S 3,9, AND 11 ARE ILLUSTRATED TO PROVIDE THE LOCATION RELATIVE TO OTHER SWMUS. THESE SITES ARE LOCATED WITHIN THE LIVE IMPACT AREA AND WILL NOT BE INVESTIGATED DURING THE PHASE IRF I.

P:\Environmental\154373 – Drawings\Puerto Rico\Viequez\Vieqsite4.dwg

Figure 1-2
SITE LOCATION MAP
Atlantic Fleet Weapons Training Facility, Vieques Island

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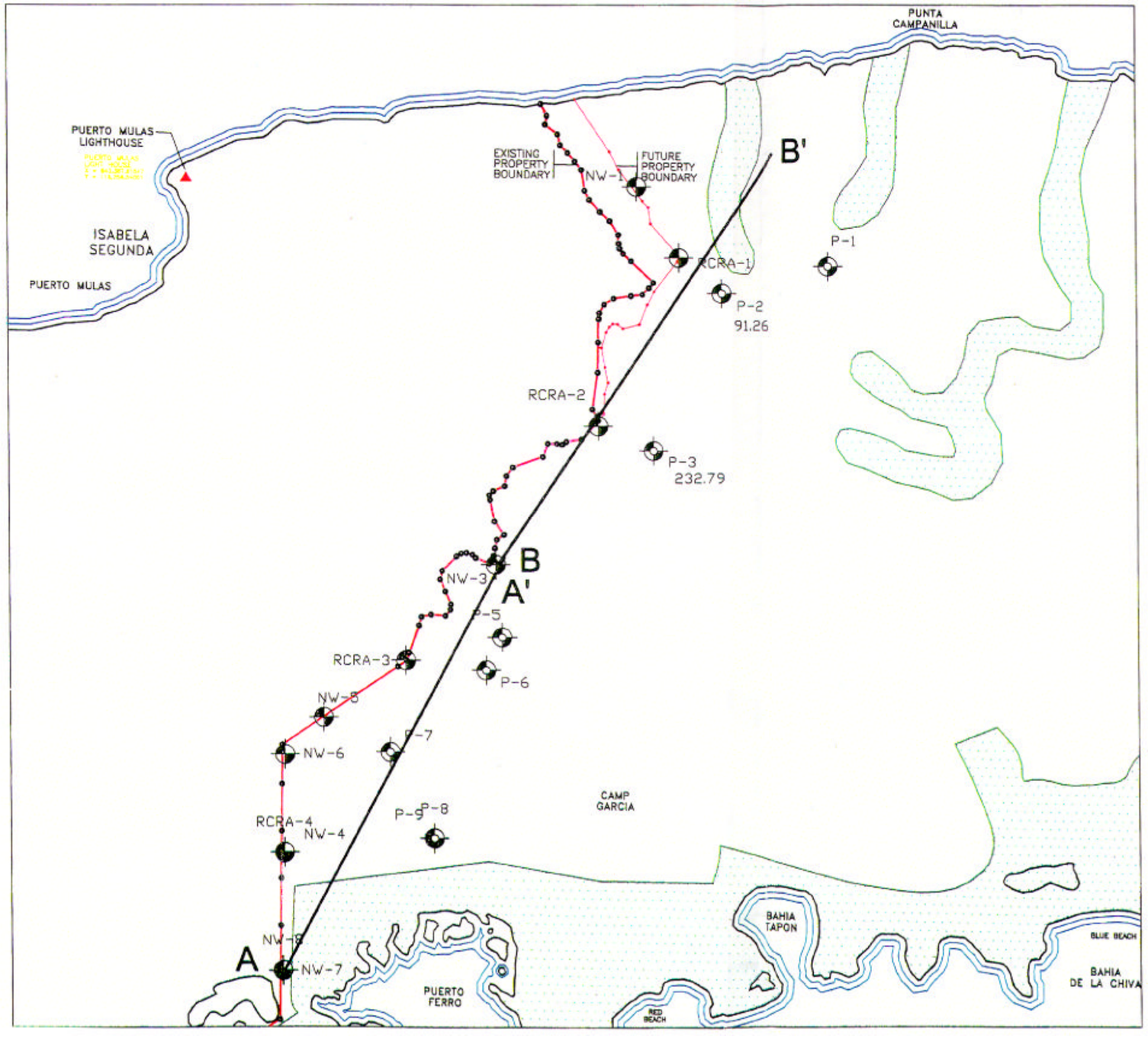


LEGEND

RCRA-1 MONITORING WELL

P-1 PIEZOMETER

SHORELINE

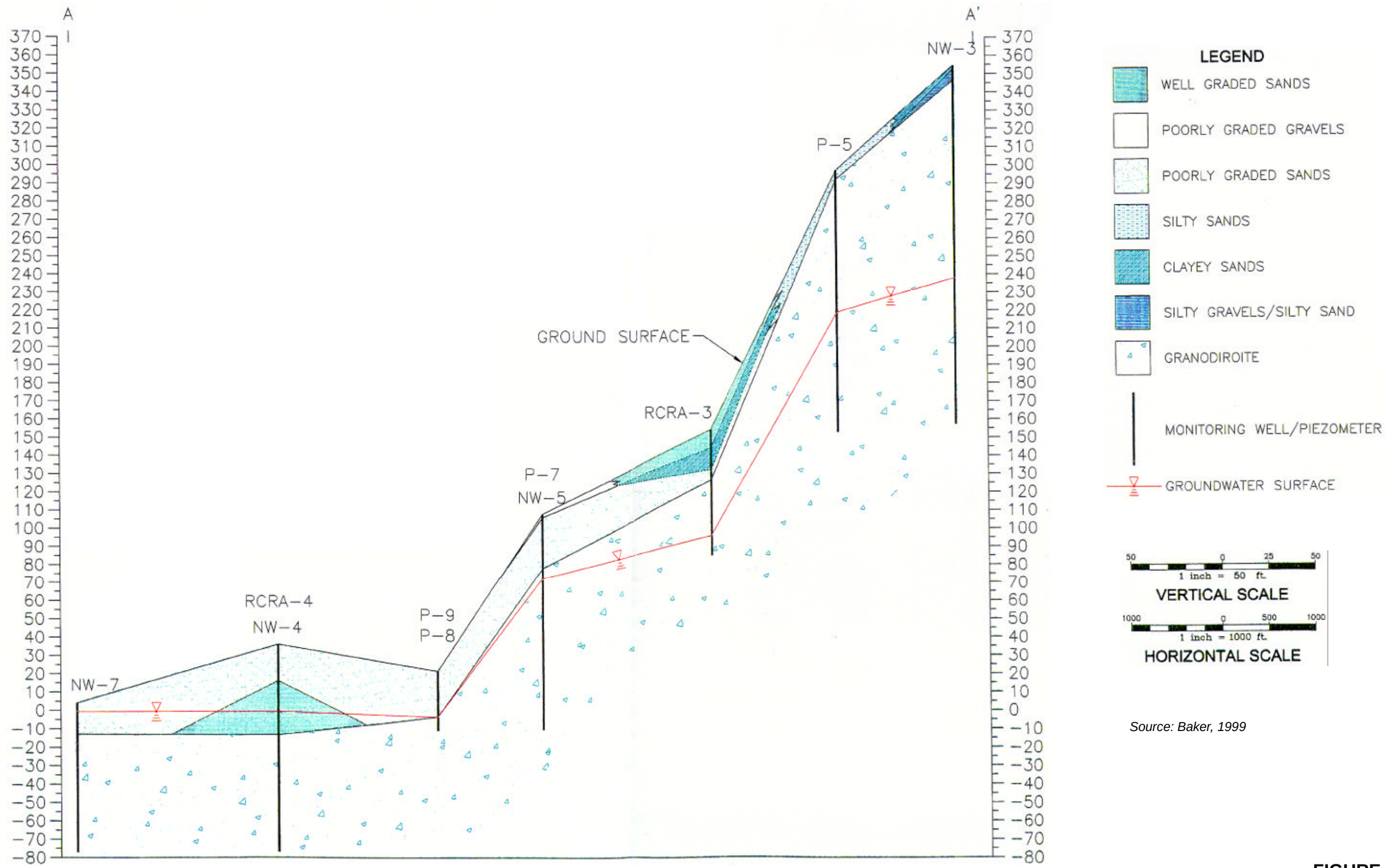
A —— A' HYDROGEOLOGIC CROSS-SECTION

AFWTF PROPERTY LINE

2400 0 1200 2400
1 inch = 2400 ft.

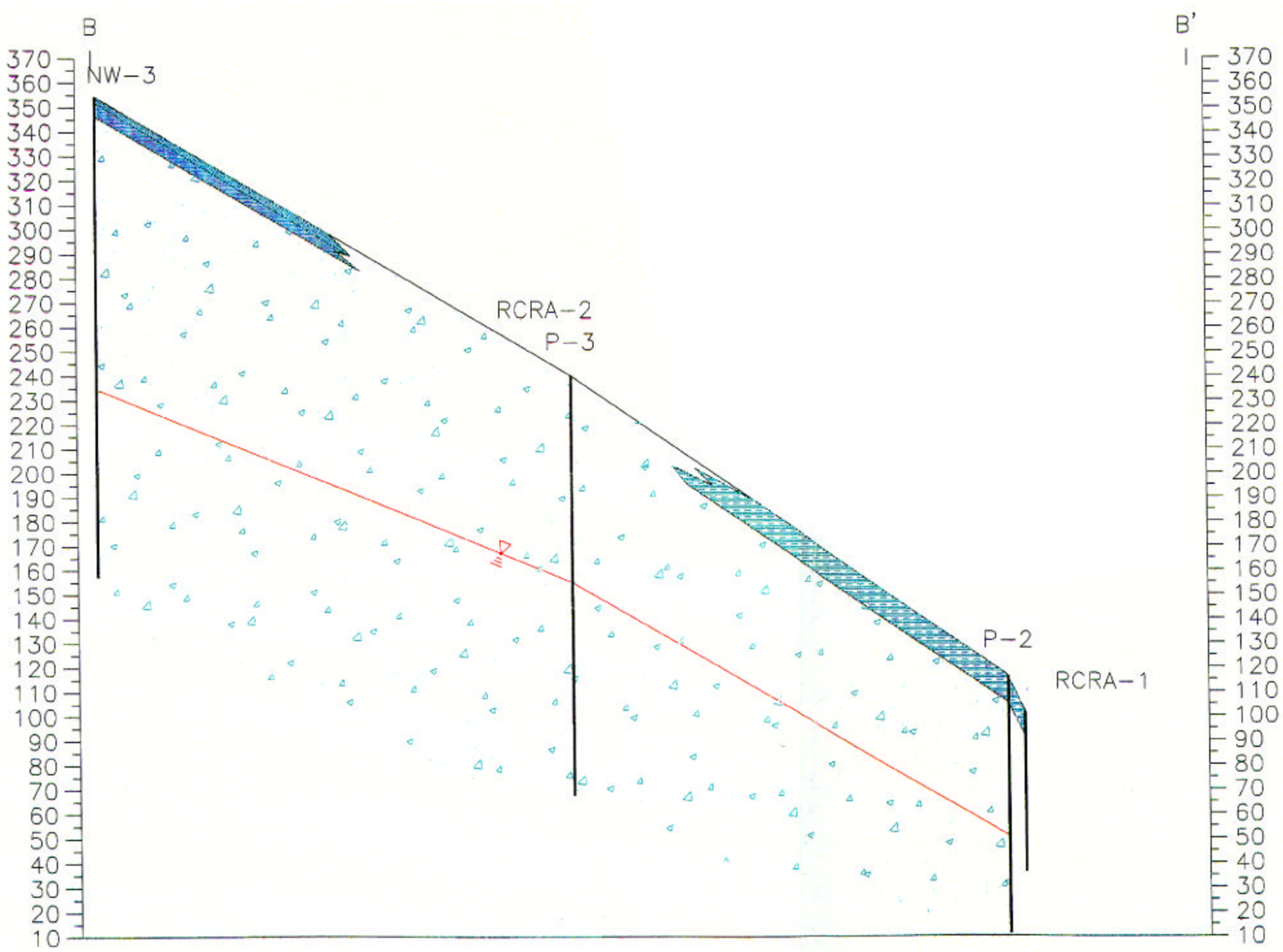
Source: Baker, 1999

FIGURE 2-1
Hydrogeologic Cross-Section Location Map
Vieques Island, Puerto Rico



Source: Baker, 1999

FIGURE 2-2
Hydrogeologic Cross-Section A-A'
Vieques Island, Puerto Rico



LEGEND

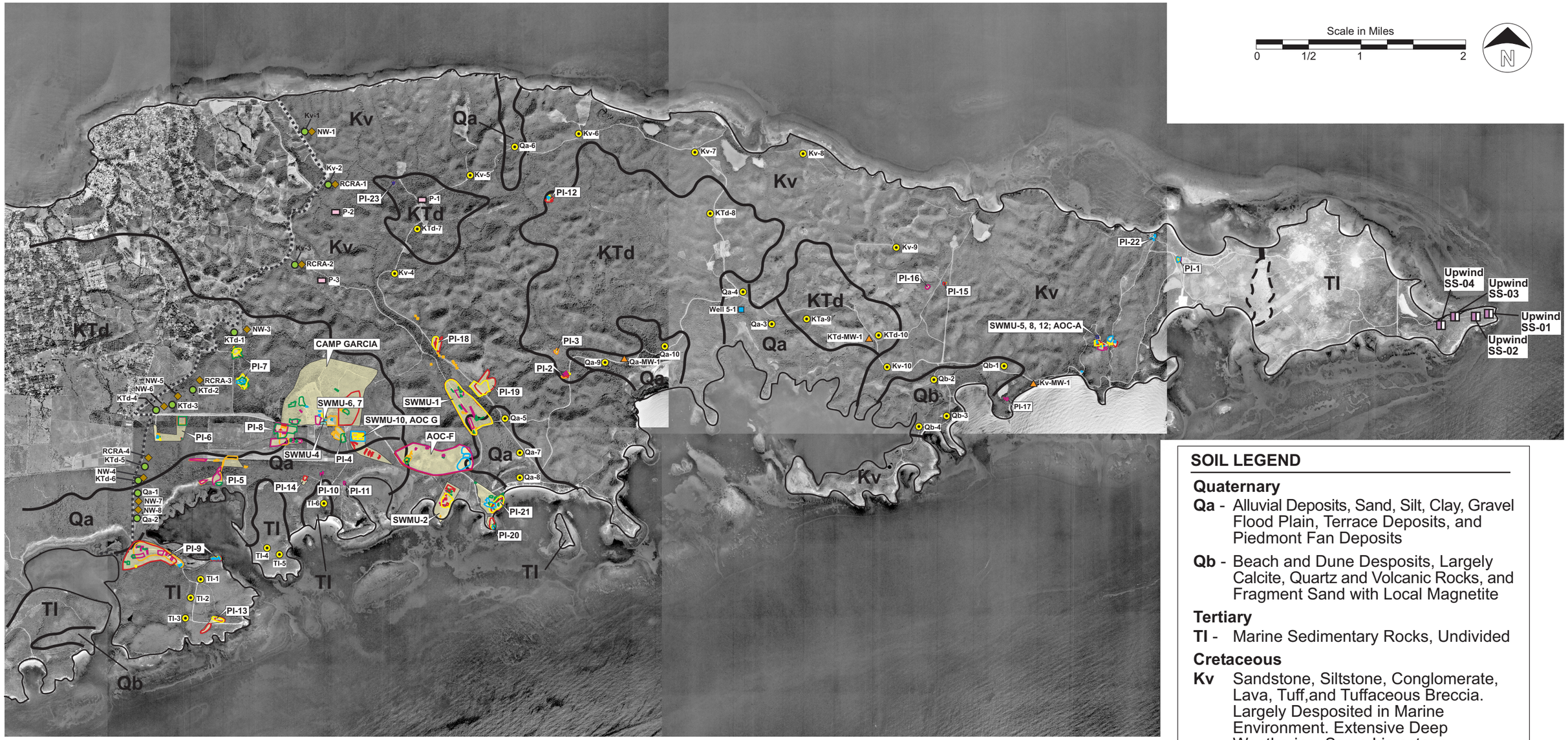
- SANDY CLAY/SILTY CLAY
- CLAYEY SANDS
- SILTY GRAVELS/SILTY SAND
- GRANODIROITE
- MONITORING WELL/PIEZOMETER
- GROUNDWATER SURFACE

50 0 25 50
1 inch = 50 ft.
VERTICAL SCALE

1000 0 500 1000
1 inch = 1000 ft.
HORIZONTAL SCALE

Source: Baker, 1999

FIGURE 2-3
Hydrogeologic Cross-Section B-B'
Vieques Island, Puerto Rico



Base imagery is comprised of 1994 1-meter USGS Digital Ortho-imagery quarter quadrangles (DOQQs).

Aerial Photographic Analysis Findings

- SWMU, AOC, PI Sites
- 1994
- 1985
- 1970
- 1967
- 1964
- 1962
- 1959
- 1936-37

SYMBOL LEGEND

- Existing Water Supply Well to be Sampled as part of the Background Investigation
- Existing Background Well
- Existing Piezometer
- Existing T1 Samples
- Existing Surface Soil Sample
- Existing Piezometer
- Proposed Background Well to be Installed
- Proposed Soil Sample

Scale in Meters
1000 0 1000 2000

SOIL LEGEND

Quaternary

Qa - Alluvial Deposits, Sand, Silt, Clay, Gravel Flood Plain, Terrace Deposits, and Piedmont Fan Deposits

Qb - Beach and Dune Desposits, Largely Calcite, Quartz and Volcanic Rocks, and Fragment Sand with Local Magnetite

Tertiary

Tl - Marine Sedimentary Rocks, Undivided

Cretaceous

Kv Sandstone, Siltstone, Conglomerate, Lava, Tuff,and Tuffaceous Breccia. Largely Desposited in Marine Environment. Extensive Deep Weathering. Some Limestone.

KTd- Plutonic Rocks, Largely Grandiorite,and Quartz Diorite, Locally Deeply Weathered

FIGURE 2-4
Existing and Proposed Background Sample Locations
AFWTF, Vieques Island

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