COASTAL MORPHOLOGY OF WESTERN SAMOA – SOUTH UPOLU

EXPLANATION

BASE INFORMATION

- Shoreline
- Reef edge
- Submarine Terrace
- Rivers & Streams
- Roads
- Geological Boundaries
- 10 metre contour (10m)
- 20 metre contour (20m)

SHORELINE FEATURES

- Manmade Structures
- Rock Outcrops
- Unconsolidated Sediment (sand, gravel)
- Inferred Direction of Longshore Transport

COASTAL PLAIN GEOLOGY

- Tafagamanu Sand
- Alluvium (may contain swamp deposits and Tafagamanu sand)
- Reclaimed Areas
- Coastal Cliff
- Mangrove and/or Swamp

REEF FEATURES

- Coral / Algal / Pavement
- Sediment covered
- Marine Flora
- Steep slopes / Blue Holes
- Reef Flat Lineations

Scale : 1:25,000

0 1000 2000 metres

DATA SOURCES

- ORTHOPHOTO MAPS prepared for the Agricultural Development Project (A.D.P.) and published by the Department of Lands and Survey, Western Samoa.
  U.T.M. Projection, Zone 2 International Spheroid.
  Scale : 1:20,000
  Date of photography : July–September 1970.
- TOPOGRAPHICAL MAPS OF WESTERN SAMOA, published by the Department of Lands and Survey, Western Samoa.
  U.T.M. Projection – Scale : 1:20,000.
- VERTICAL AERIAL PHOTOGRAPHY, available at the Department of Lands and Survey, Western Samoa.

Digitization of data done at a scale of 1:20,000 ; U.T.M. grid coordinates from the orthophoto maps are transformed 604.97 metres West and 851.41 metres South (WGS72 Spheroid). Transformation data supplied by the Lands and Survey Department, Western Samoa (1989).

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BIBLIOGRAPHIC REFERENCE

RICHMOND, B.M., 1991 Coastal Morphology of Western Samoa - South Upolu. 1:25 000 SOPAC Coastal Series Map 1D.

(Notes to accompany SOPAC Coastal Maps 1A - 1D are available as SOPAC Miscellaneous Report 111.)

SOPAC

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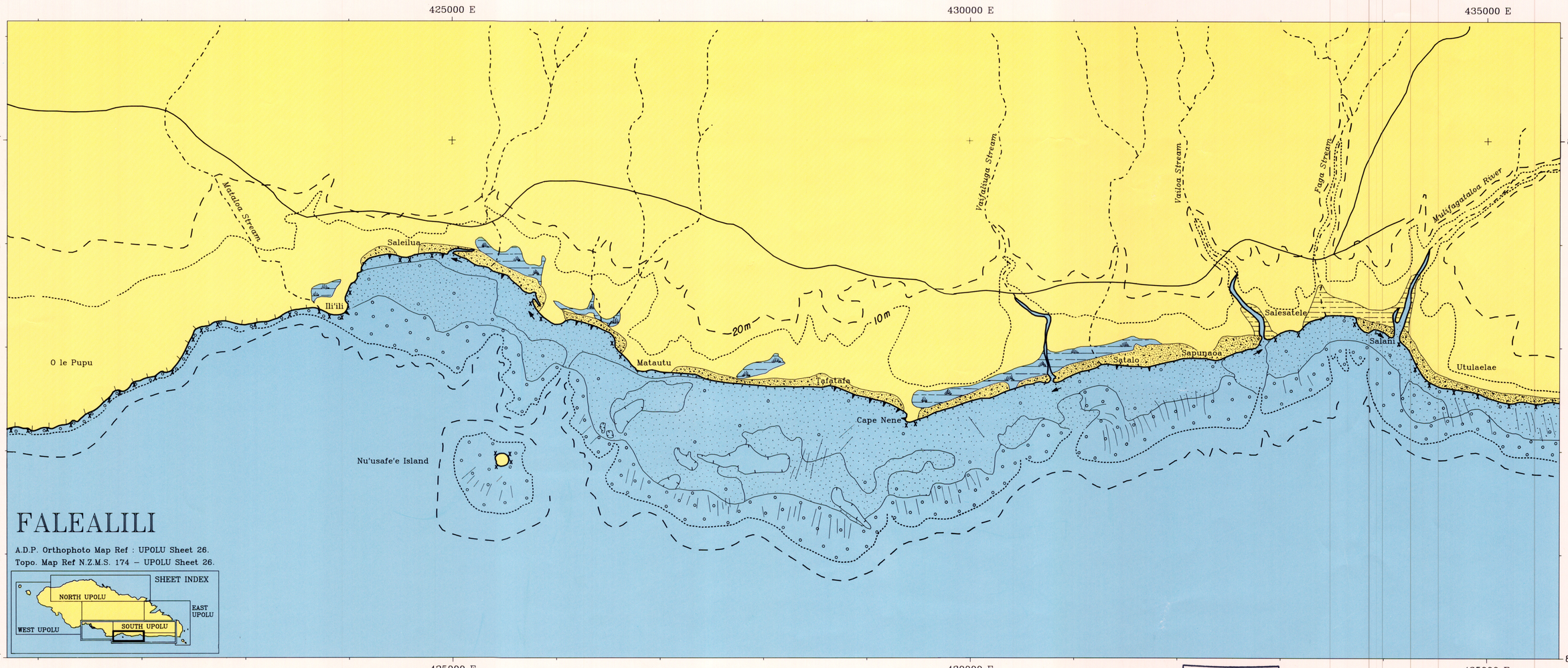
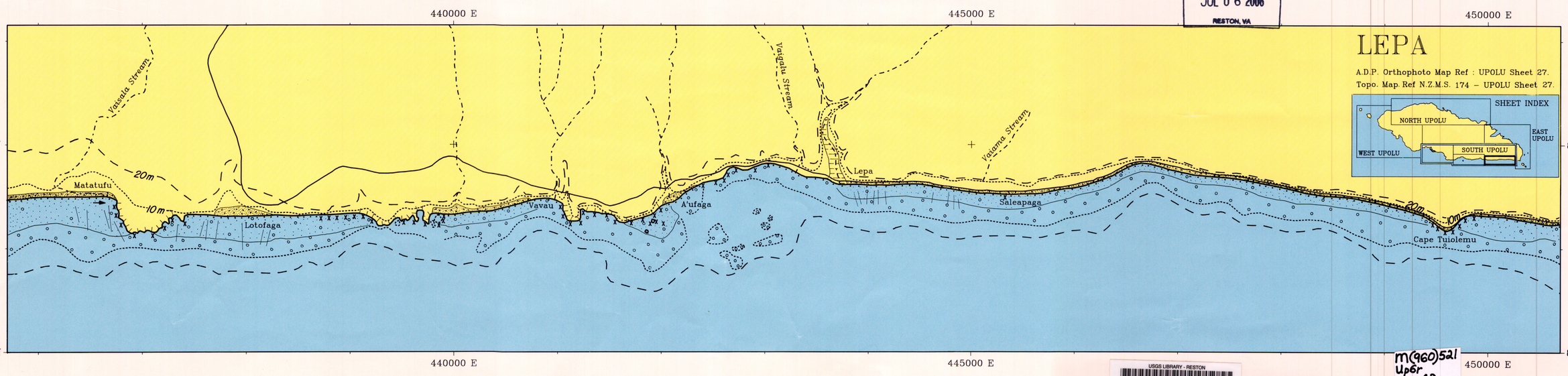
NORTH





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