

LEONE - STEM

Sarah Pritchard-Su'a
&
Iutita Savali

COMMUNITY MAPPING



Situated southwest coast of Tutuila

LEONE



NEIGHBORING VILLAGES



SOME OLD PHOTOS OF LEONE



SOME OLD PHOTOS: NEAR PALA LAGOON WETLANDS



SOME OLD PHOTOS: LEONE BAY @ LOW TIDE



SOME OLD PHOTOS: LEONE HIGH SCHOOL



LEONE HIGH SCHOOL NOW



NEIGHBORING FACILITIES



WWUV STATION

LEONE HIGH SCHOOL

POLICE SUB-STATION

ECE CENTER

HEALTH CLINIC

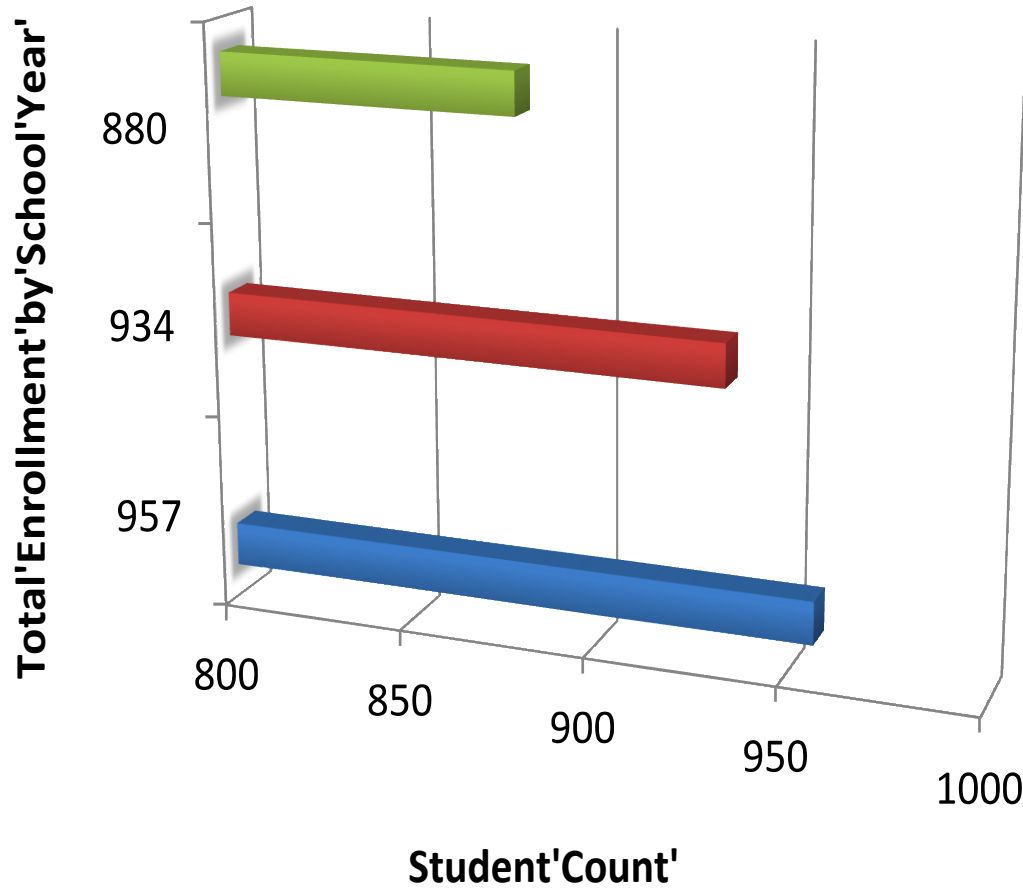
LEONE MIDKIFF



HOME OF THE CUBS

SCHOOL DEMOGRAPHICS

STUDENT ENROLLMENT



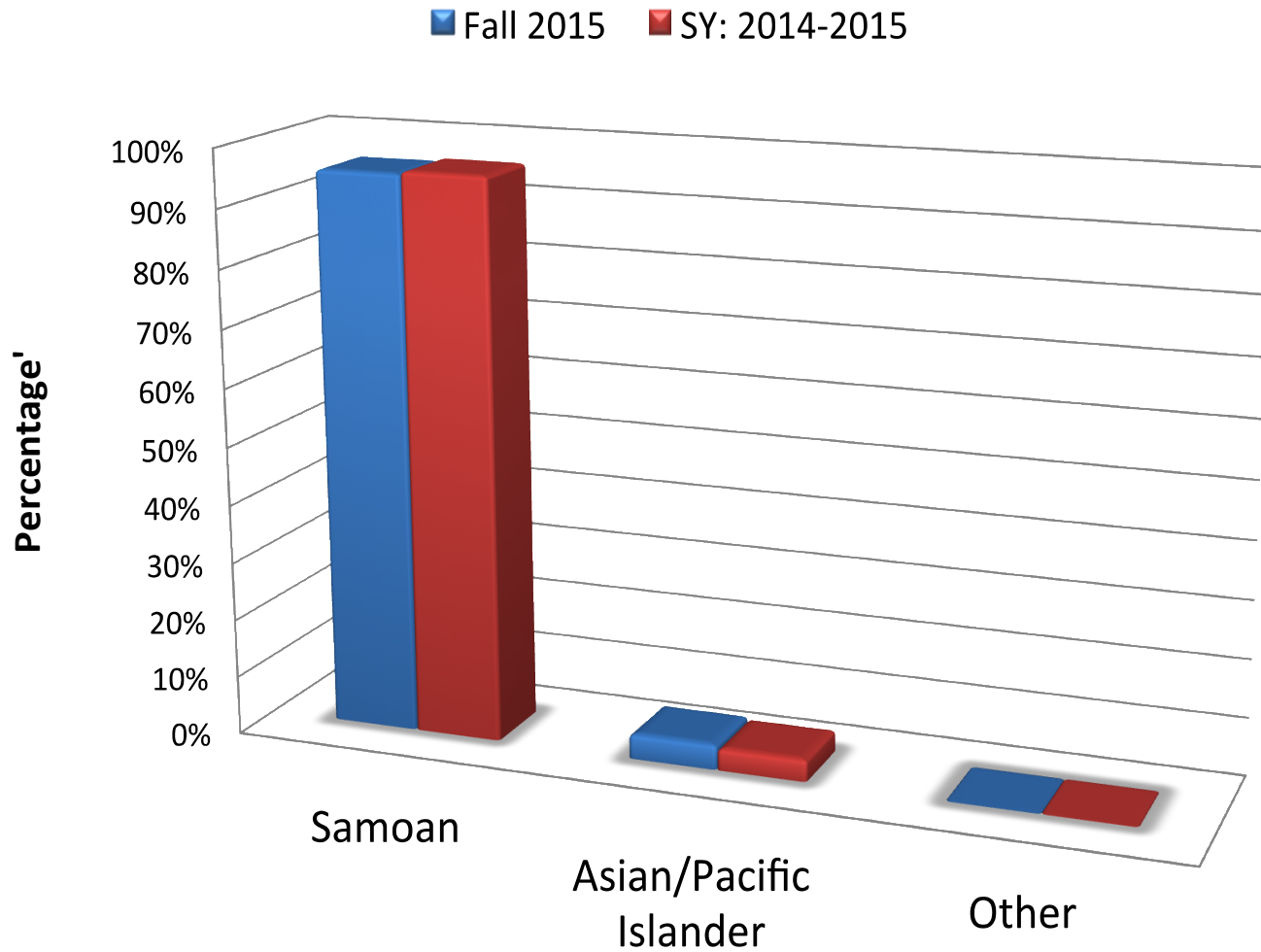
FALL 2015

SY 2014-2015

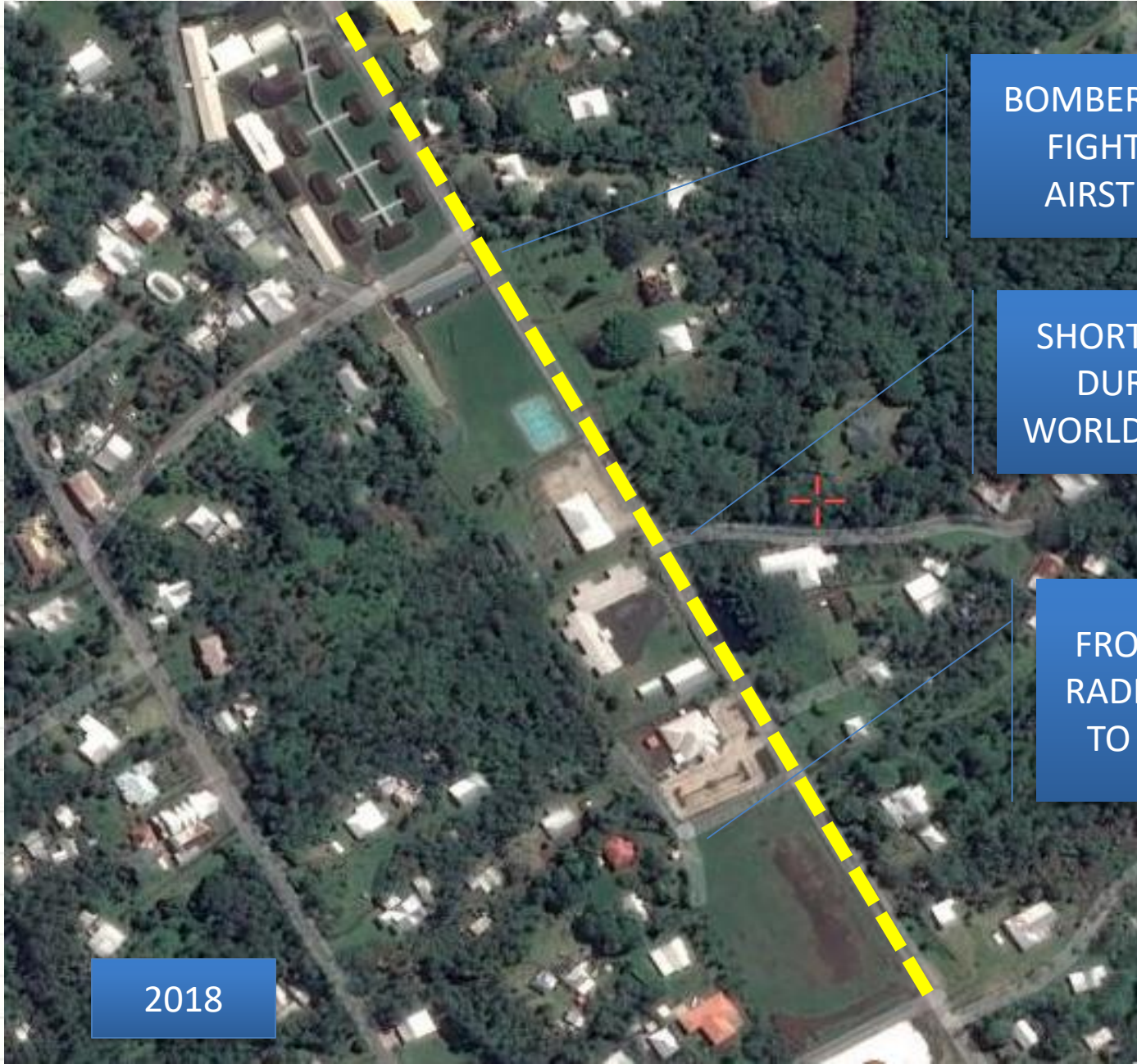
SY 2013-2014

SCHOOL DEMOGRAPHICS

STUDENTS' BY ETHNICITY'



HISTORICAL LANDMARK – LEONE AIRSTRIP



BOMBER AND
FIGHTER
AIRSTRIP

SHORT LIVED
DURING
WORLD WAR II

FROM WVUV
RADIO TOWER
TO MIDKIFF

2018

HISTORICAL LANDMARK – LEONE AIRSTRIP



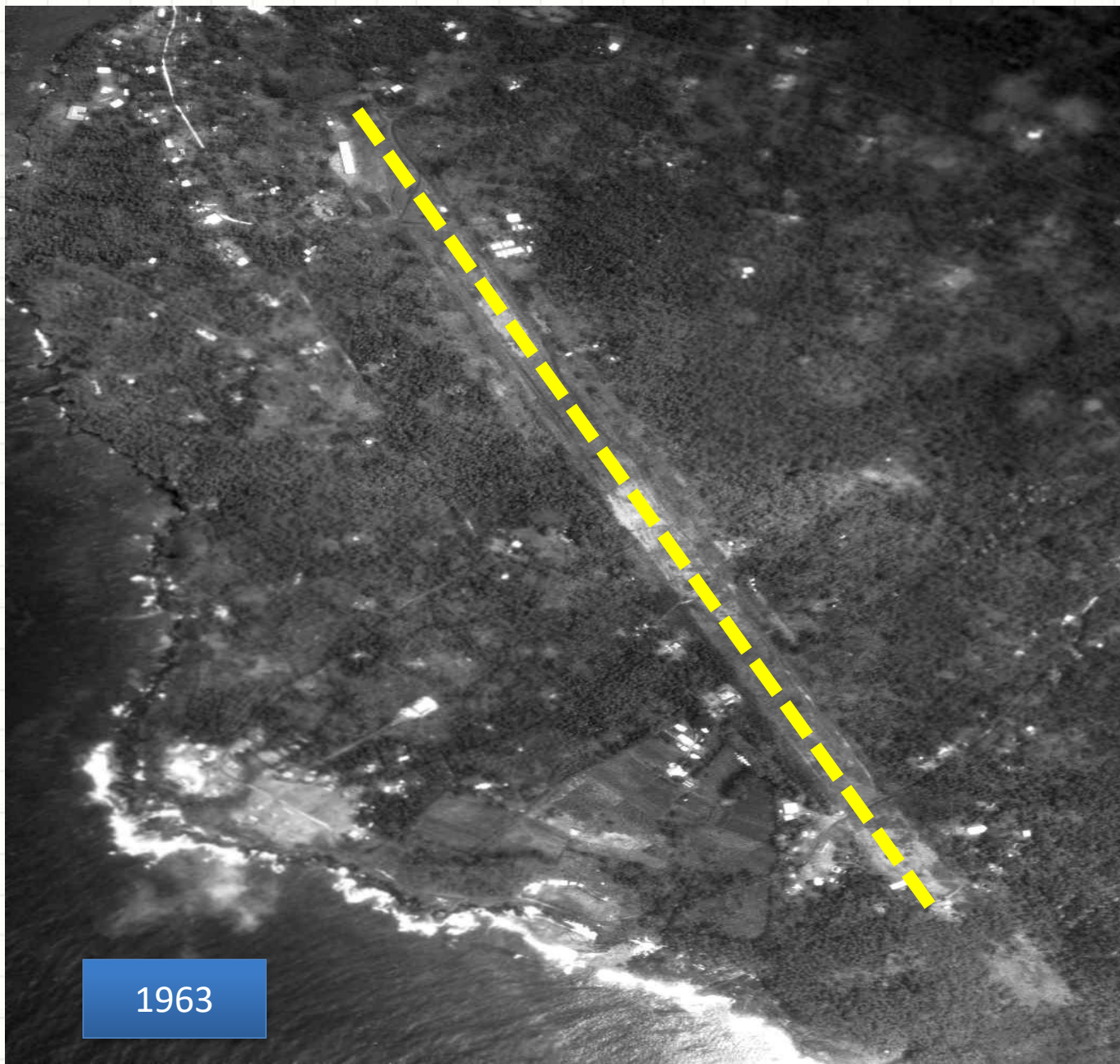
2009

HISTORICAL LANDMARK – LEONE AIRSTRIP



2001

HISTORICAL LANDMARK – LEONE AIRSTRIP



1963

HISTORICAL MONUMENT – MT. ZION



JOHN WILLIAM
1ST MISSIONARY

ARRIVED
OCT 1832

MONUMENT
1900

HISTORICAL MONUMENT – MT. ZION

1962



2017

HISTORICAL SITE – FAGALELE BOYS SCHOOL

1971



- ✧ For pre-ministry students
- ✧ Enrolled only boys
- ✧ Prepare for LMS Seminary
- ✧ Built circa 1850-56
- ✧ 1st Secondary School
- ✧ Enlisted on National Register of Historic Places



MEMORIAL – TSUNAMI HEALING GARDEN



2016

- ✧ Built 2012
- ✧ Annual candlelight services in remembrance of those who died in this tragedy

FAGALELE BAY – MULTIFACETED SITES



- ✧ Sogi coastline
- ✧ Foaga / Facets = hand-worn bowl-shaped depressions where many basalt adzes were polished
- ✧ Tutuila was known as a source of superior adzes
- ✧ Adzes left the island as trade items

FAGALELE BAY – MULTIFACET SITE

2001



FAGALELE BAY – MULTIFACET SITE AT SUNSET

DATE???



LEONE STREAMS



EPI SUAFO'A-TAUAI
Archaeologist

A Legend of Puna Mai and Puna Loa



Based on the Oral History collected from the
HTC Silivelio Suafo'a, Auma, Leone (1991)

LEONE STREAMS



EPI SUAFO'A TAUA'I
Archaeologist

A Legend of Puna Mai and Puna Loa

- ✧ A family from Cook Islands traveled to Leone.
- ✧ They traded their goods for stone tools.
- ✧ The couple went to gather stones and left their two sons to wait with a sailor.
- ✧ The sons slept and the sailor wandered off to follow the smoke of the cooked umu.
- ✧ The two sons went searching for the parents at different directions – Puna Mai to the west of the Leafu stream and Puna Loa to the east.
- ✧ The parents went home with the stone tools then went back to search for their sons when they did not return.

LEONE STREAMS



EPI SUAFO'A TAUA'I
Archaeologist

**A Legend of
Puna Mai
and Puna Loa**

- ✧ They found only water springs that sang like a weeping child
- ✧ In an attempt to soothe the weeping sons, the mother called out
- ✧ But the voices comforted the parents and told them that they would remain in Leone to mark their first journey to Samoa and to help the people appreciate their surrounding resources
- ✧ The parents returned to their homeland but will always return to Leone for more stones knowing their sons are here.

LEONE STREAMS – PUNA LOA



LEONE STREAMS – PUNA LOA



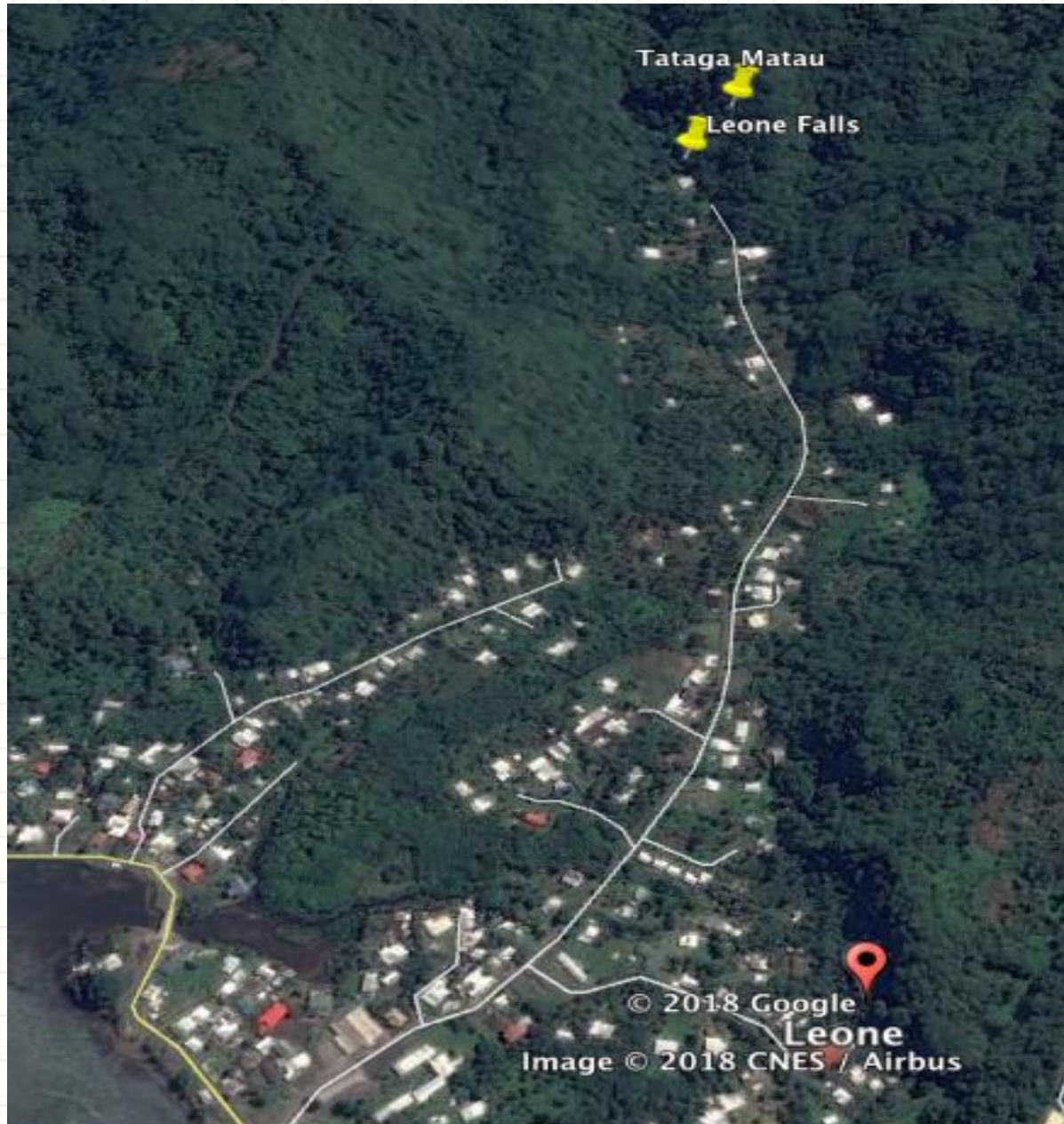
LEONE STREAMS – PUNA MAI



LEONE STREAMS – PUNA MAI



ARCHAEOLOGICAL SITE – TATAGA MATAU



ARCHAEOLOGICAL SITE – TATAGA MATAU

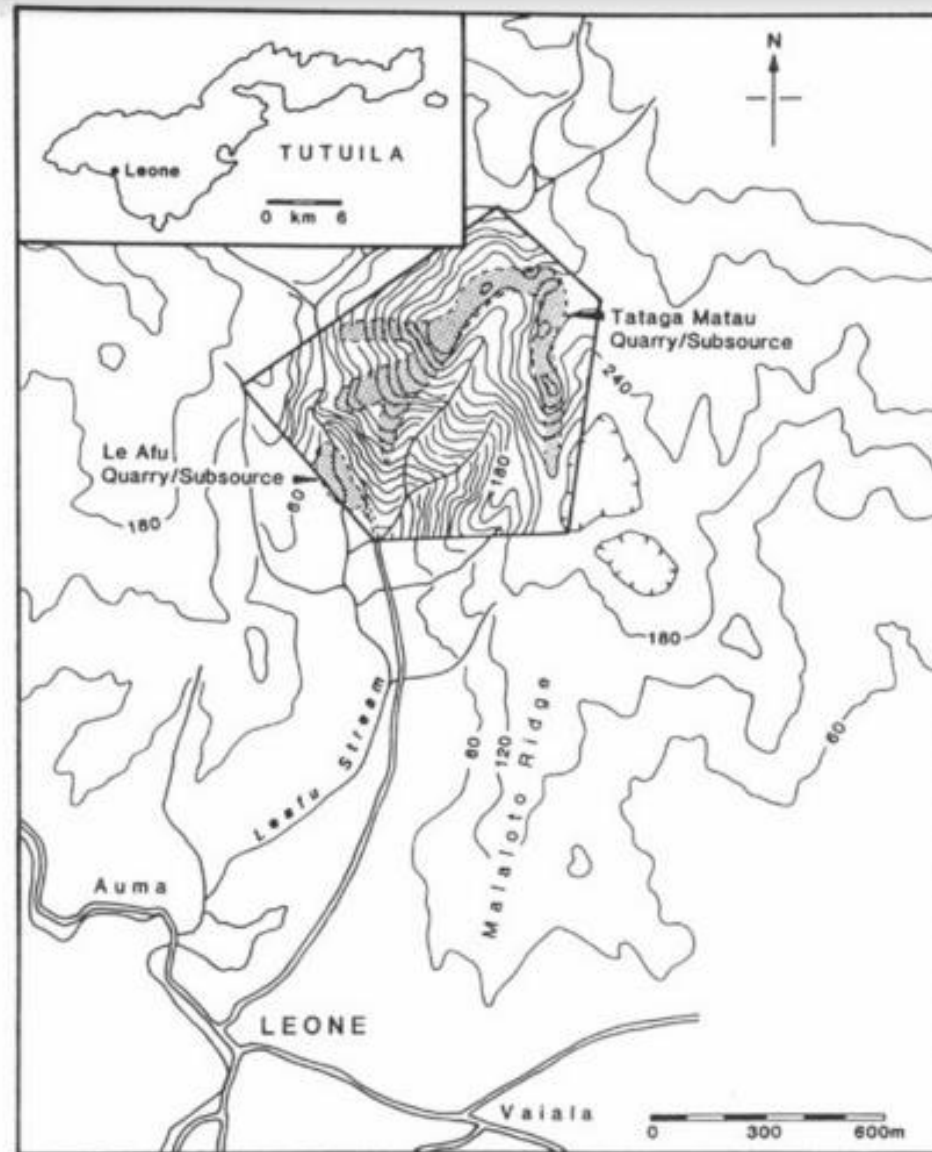


Figure 1. Map showing study area: Tataga Matau (Tutuila) and other Samoan quarries.

ARCHAEOLOGICAL SITE – TATAGA MATAU

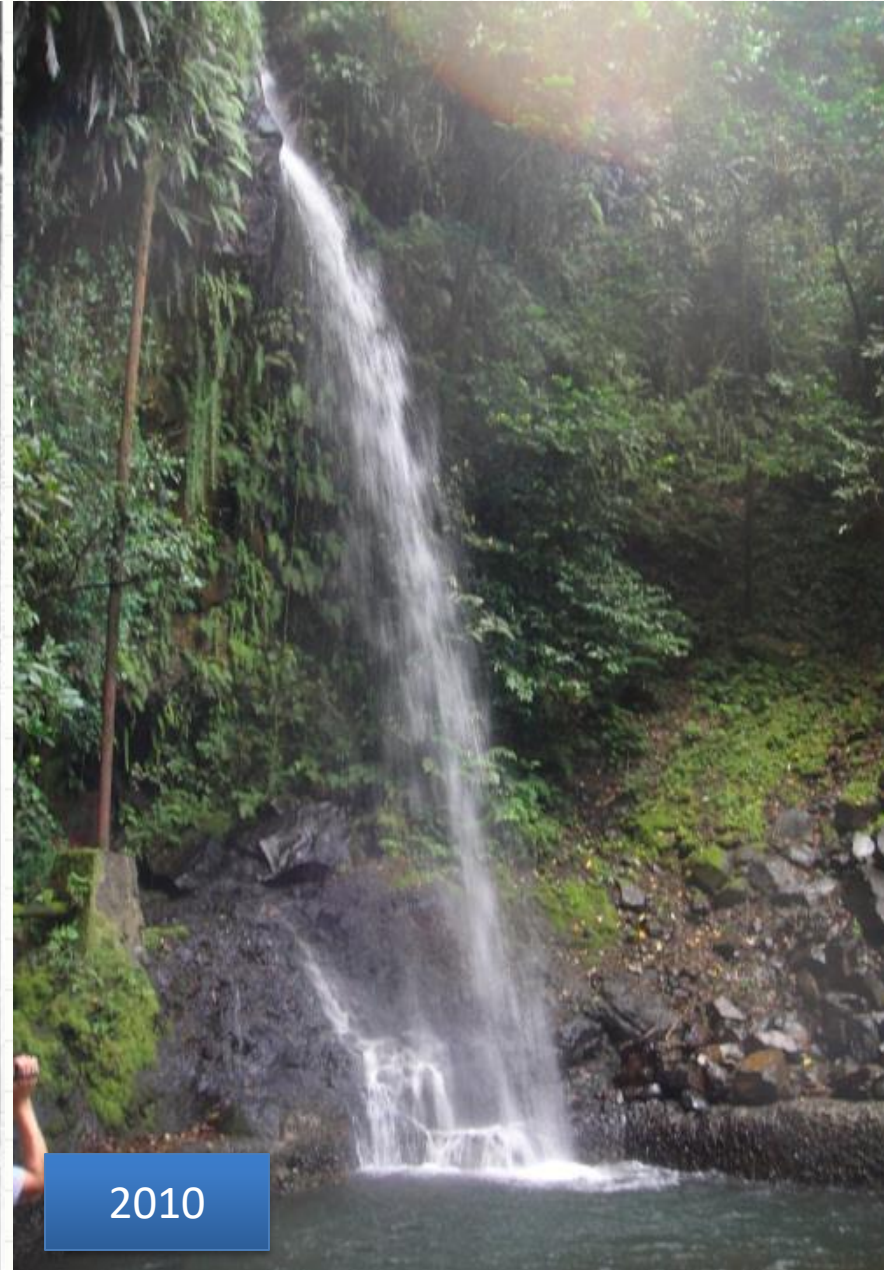


SKETCH AS IT MIGHT LOOK CLEARED

ARCHAEOLOGICAL SITE – TATAGA MATAU

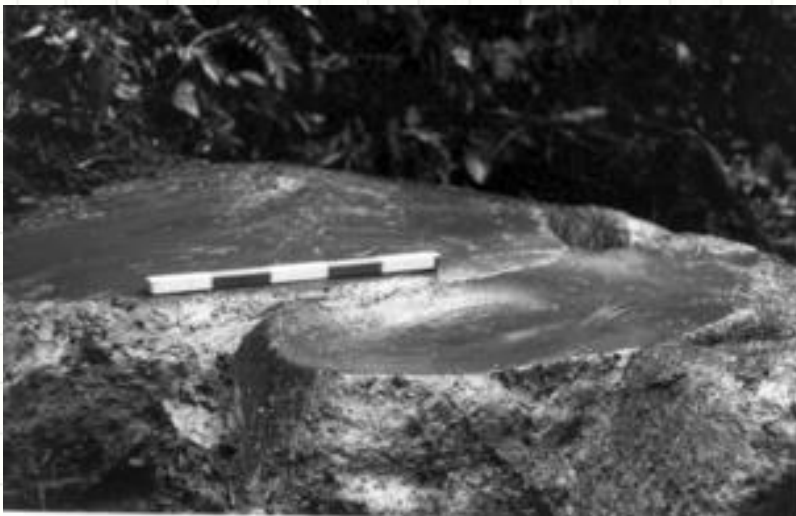


1985



2010

ARCHAEOLOGICAL SITE – TATAGA MATAU



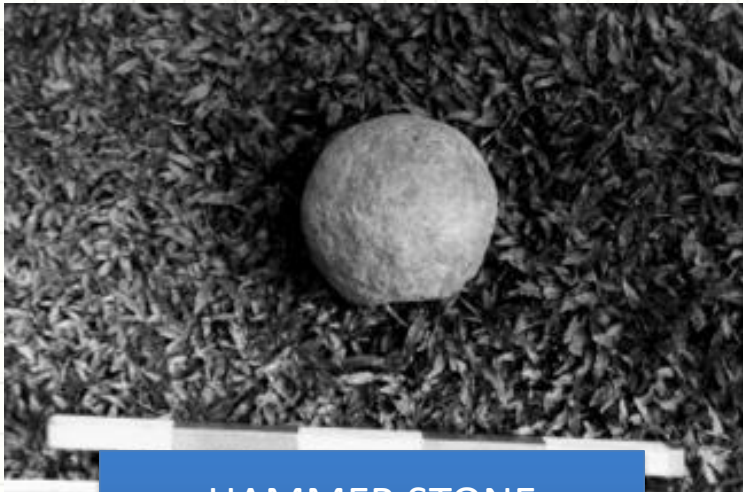
STONES ARE SELECTED
AND CARRIED DOWN
FROM QUARRY ABOVE
THE MOUNTAIN

FOAGA / OLOGĀ TO'I
NEAR LEAFU
STREAMBED
FOR GRINDING OF ROCK
TO MAKE STONE TOOLS

ARCHAEOLOGICAL SITE – TATAGA MATAU



BLANK STONE
FROM CORE BASALT ROCK UP
IN QUARRY



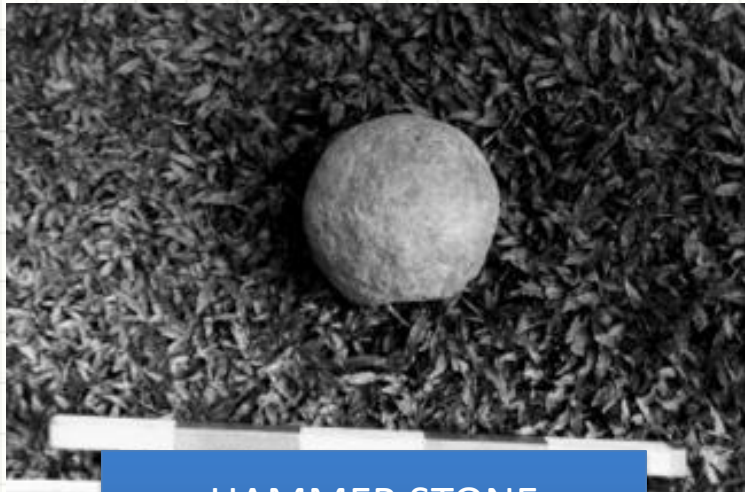
HAMMER STONE
TO FASHION / SHAPE



ARCHAEOLOGICAL SITE – TATAGA MATAU



BLANK STONE
FROM CORE BASALT ROCK UP
IN QUARRY



HAMMER STONE
TO FASHION / SHAPE

ARCHAEOLOGICAL SITE – TATAGA MATAU



Figure 2. Examples of basalt tools from Tutuila. The three objects at the extreme right are interpreted as scrapers or graters. The others are adzes or pieces of adzes.

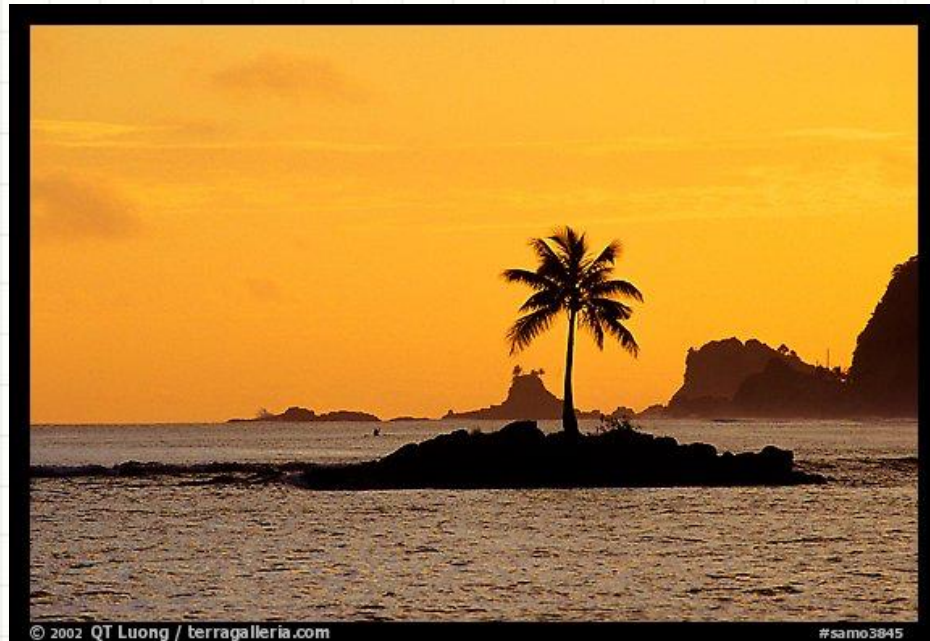
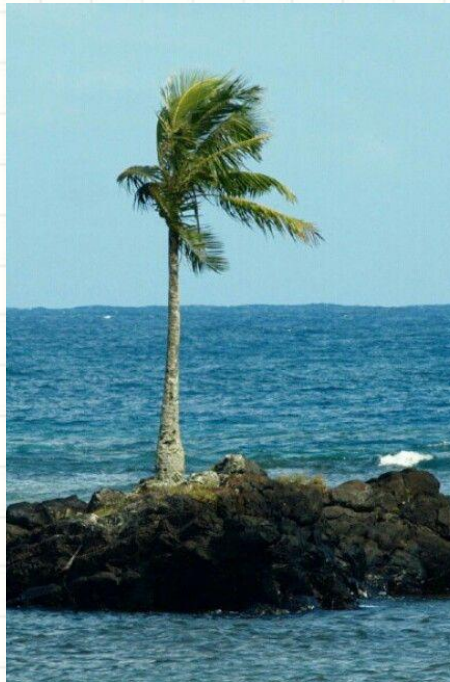
ARCHAEOLOGICAL SITE – TATAGA MATAU



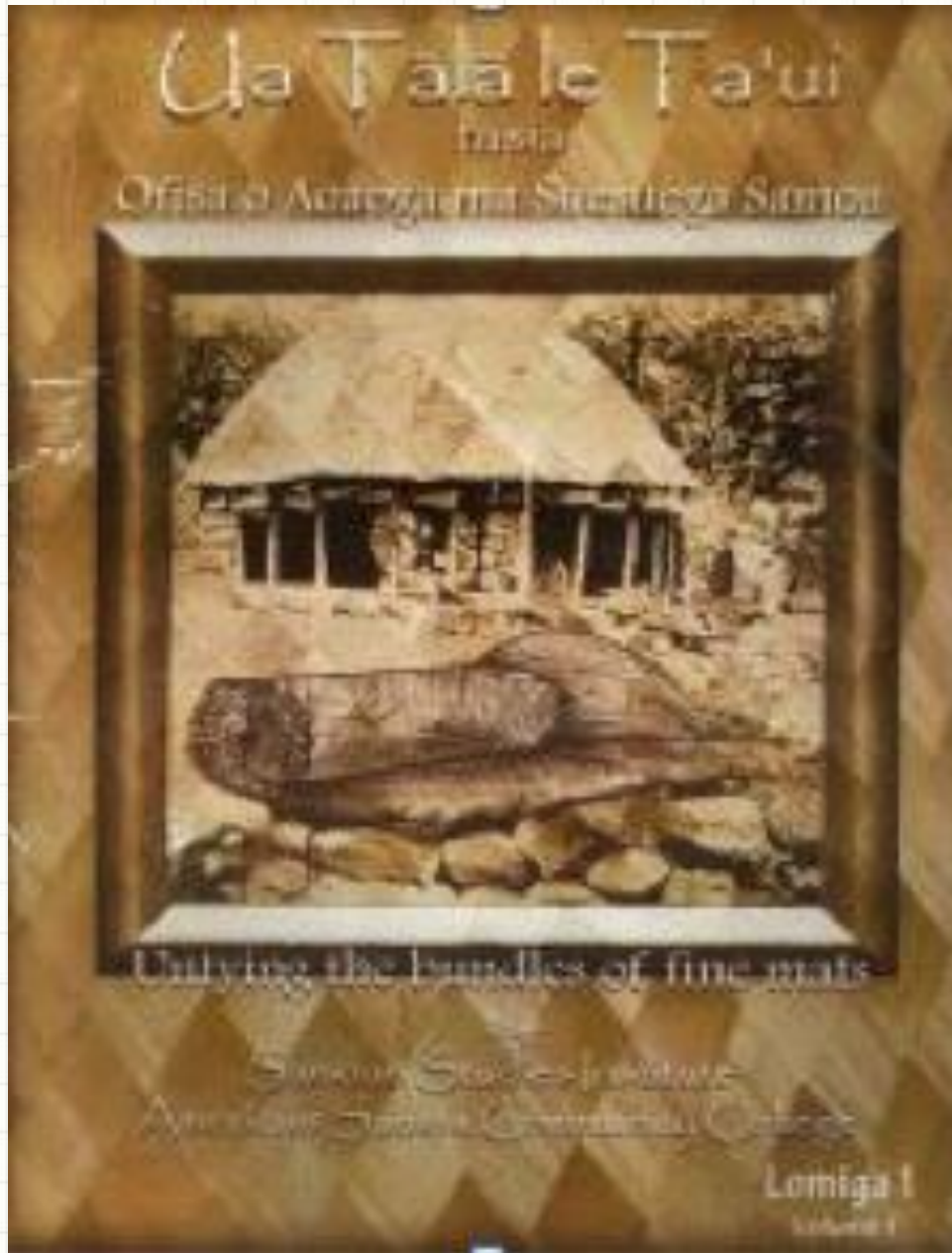
ADZE-AXE MADE FROM
STONE FROM TATAGA
MATAU



LANDMARK - NIUAVEVE



SAMOAN EXPRESSION



“E FA’AILO E MAUGA O ALII
TALA O LE A’AI”

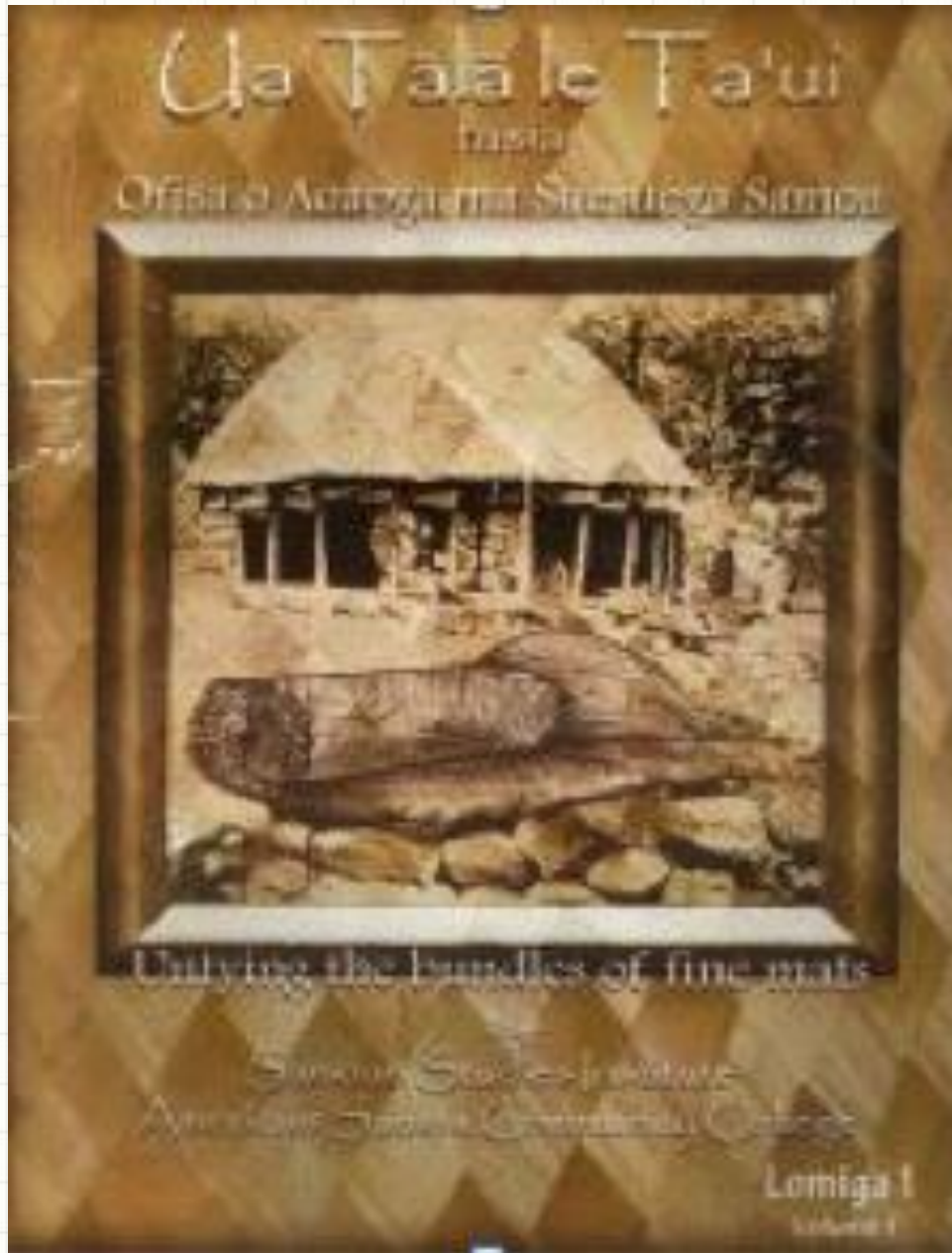
THE MOUNTAIN SIGNALS THE
PASSING OF A HIGH CHIEF



FLORINA SCANLAN (LEFT)
IOANA ULI (RIGHT)



SAMOAN EXPRESSION



“E FA’AILO E MAUGA O ALII
TALA O LE A’AI”

THE MOUNTAIN SIGNALS THE
PASSING OF A HIGH CHIEF



FLORINA SCANLAN (LEFT)
IOANA ULI (RIGHT)



CHANGES FROM WESTERN CONTACT

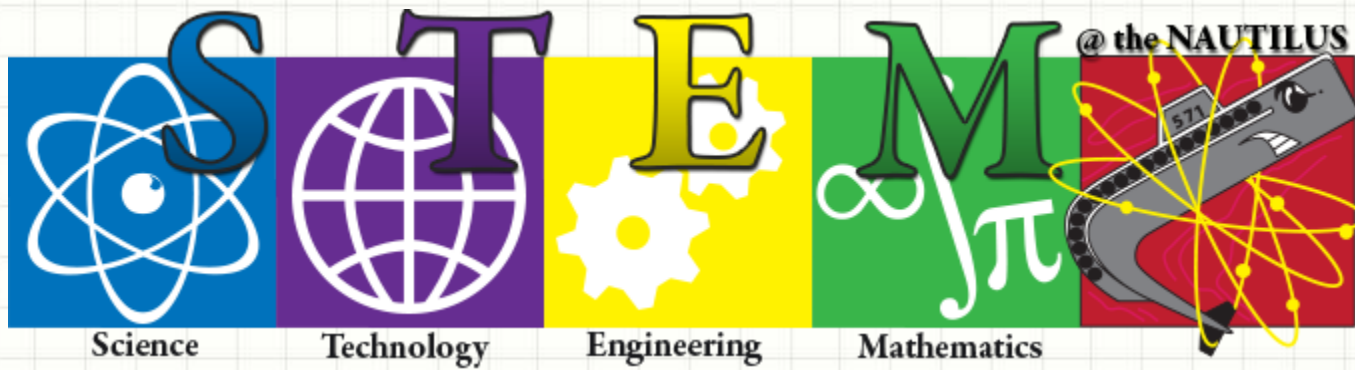
UNITED SAMOAN ARCHIPELAGO

PAGANISM (TAGALOA) TO CHRISTIANITY (MISSIONARIES)

ORAL TRADITION AND INFORMAL LEARNING TO FORMAL
EDUCATION

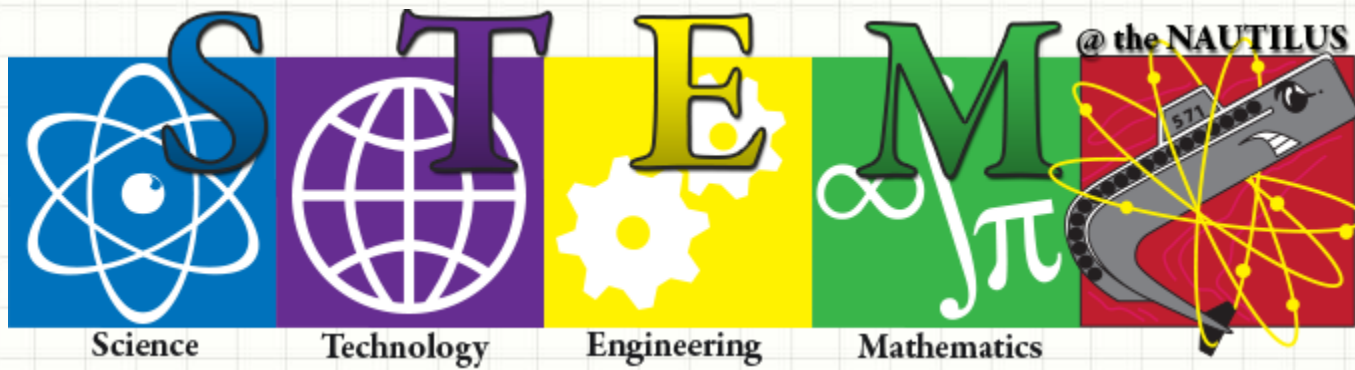
ANCIENT ADVANCED TECHNOLOGIES TO MODERNIZED
MATERIALS & METHODS

LIFESTYLE DEPENDENT ON NATURE AND TRADING TO
CAPITALISM AND NEW ECONOMIC WAYS

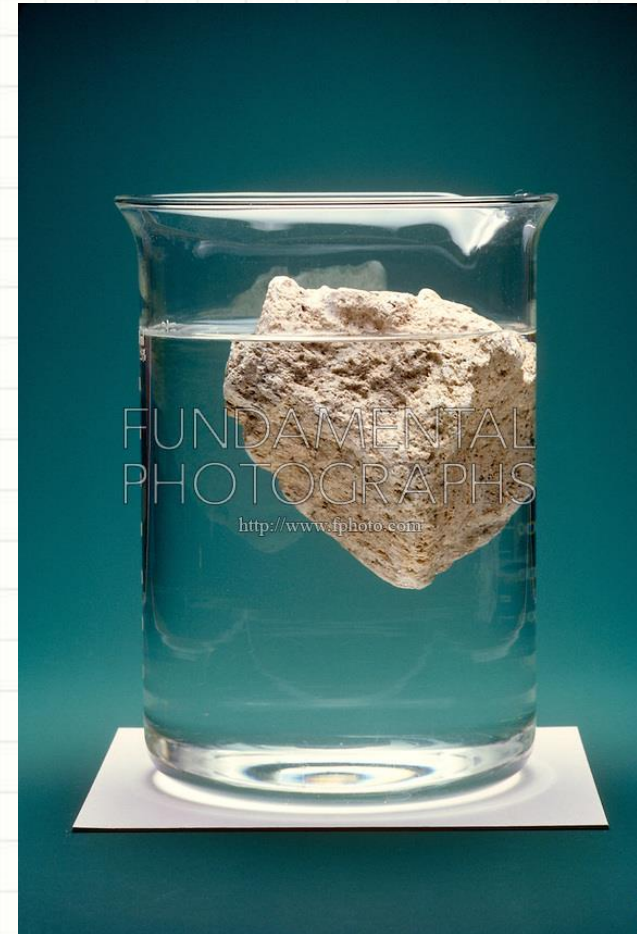


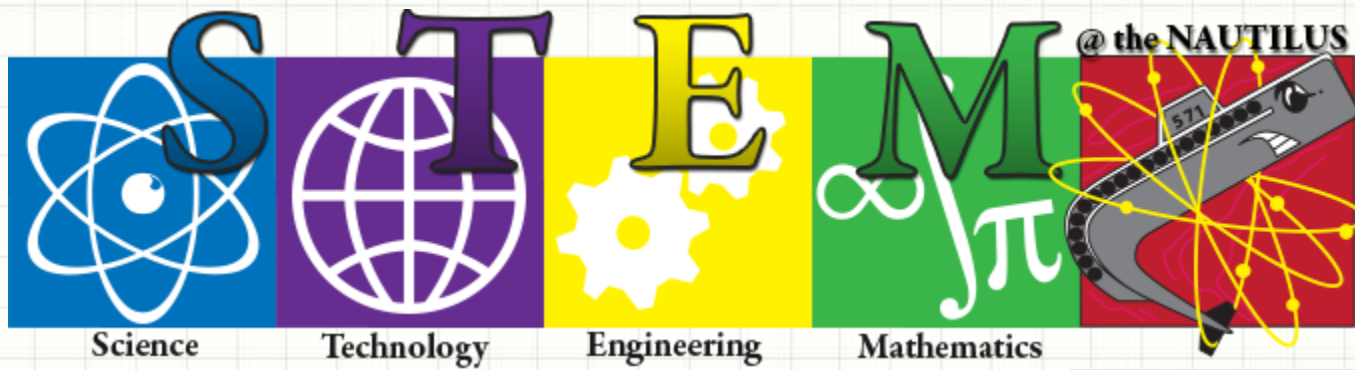
Study of the three types of rocks, rock cycle and the importance of rocks to all living things, including humans.





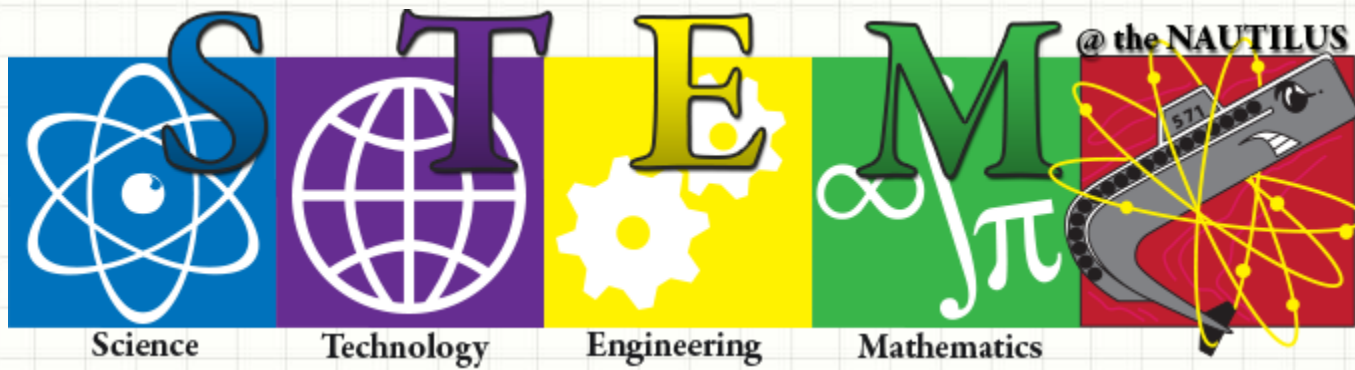
Compare the density of various types of igneous rocks found on island.





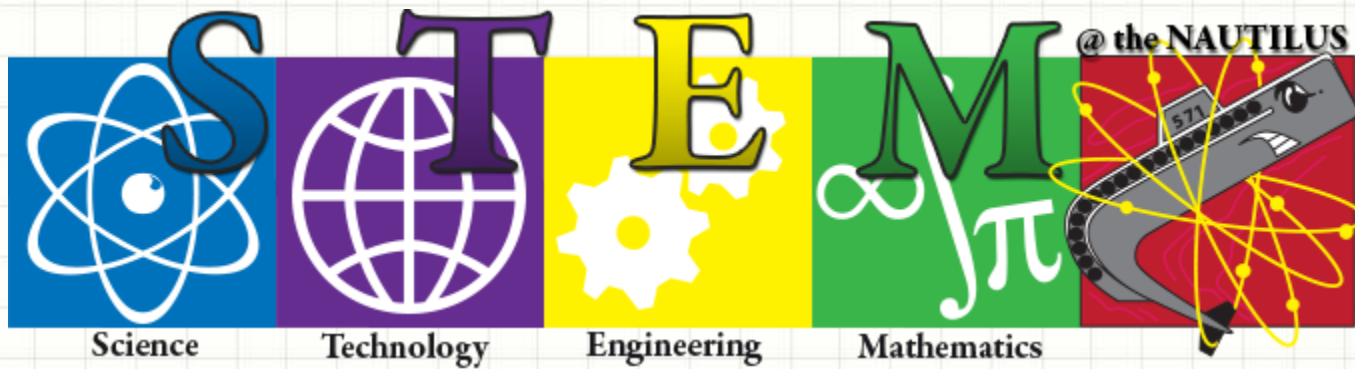
Samoans
manufactured tools,
bartered, traded and
introduced new plants
and
animals.





Samoan history and cultural lesson on landmarks within Leone and other important sites, and tala fa'agogo (story telling / literature).



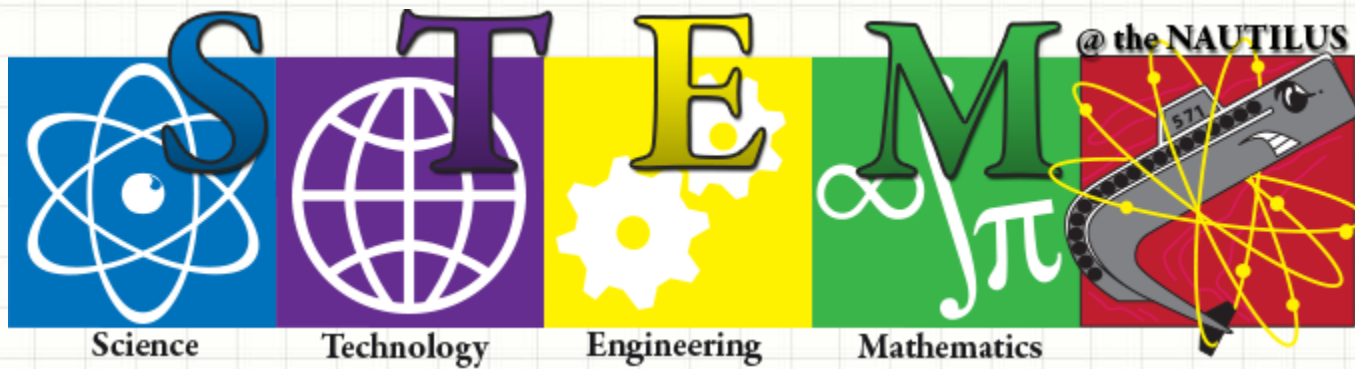


Lesson on how
folklore was also
taught through music.



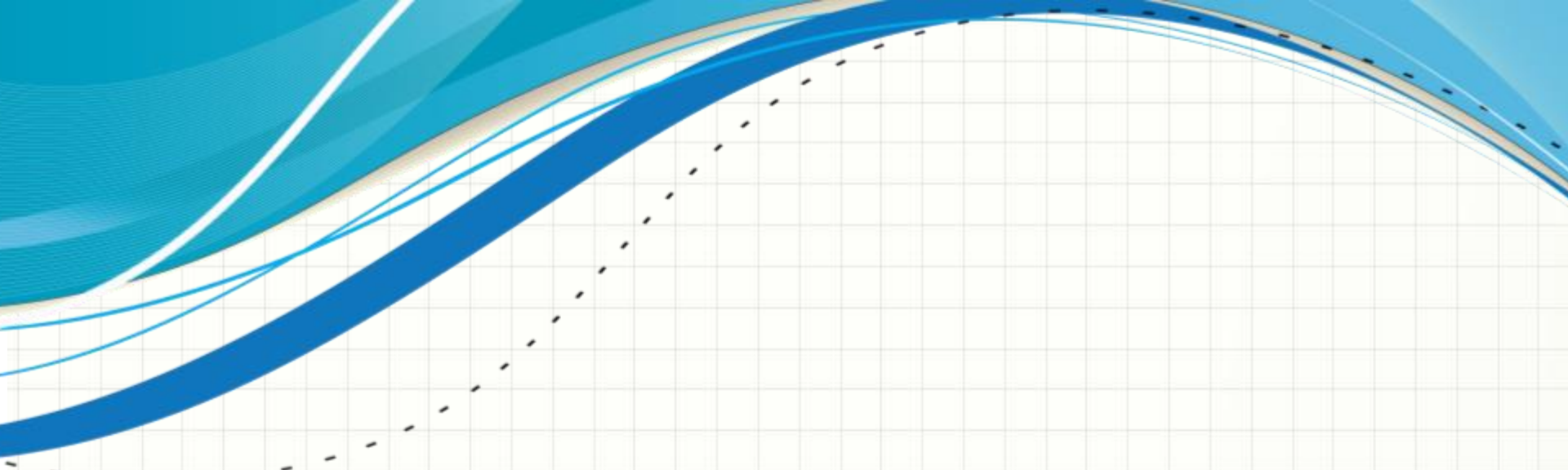
USI LELEI LAU SILASILA
I NAI MANU O LE FOAGA
MA SI TEINE O AVEOLELA
O LE TEINE E FAIGATA
LAGA ALI O MAUGA SA
MOSOOI MAI MAUGA ULA
LAUMAILE MAI I LE GA'OA
E TE TEU AI POULA

OI AUE LE TAUSALA
LA E SU'E MAI SAU PA'AGA
SU'E MAI SAU TAUPEGA AFA
I LE TEINE MOSO'OIPALA



PLACE-BASED PROBLEM(S)

- Pollution
 - ✓ Debris, contaminants etc.
- Flash flooding & Ocean Barrier
 - ✓ Wetlands, mangroves restoration
- Animal and Vegetation Restoration
 - ✓ Bats
 - ✓ Fallen trees & plants = lack of fruits



THANK YOU!!