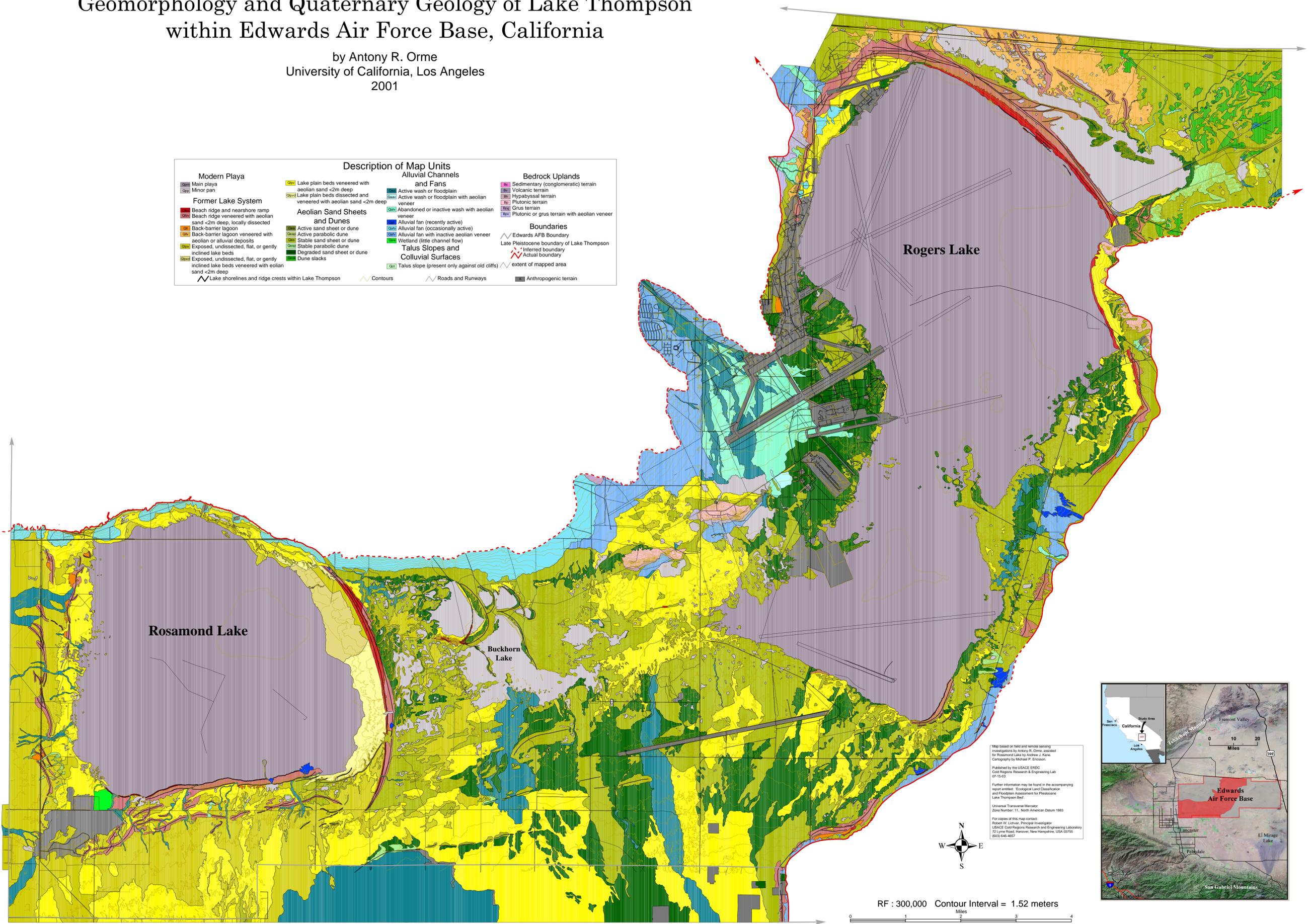


Geomorphology and Quaternary Geology of Lake Thompson within Edwards Air Force Base, California

by Antony R. Orme
University of California, Los Angeles
2001

Modern Playa	Description of Map Units	
<ul style="list-style-type: none"> Main playa Minor pan 	<ul style="list-style-type: none"> Lake plain beds veneered with aeolian sand <2m deep Lake plain beds dissected and veneered with aeolian sand <2m deep 	<ul style="list-style-type: none"> Active wash or floodplain Active wash or floodplain with aeolian veneer Abandoned or inactive wash with aeolian veneer Alluvial fan (recently active) Alluvial fan (occasionally active) Alluvial fan with inactive aeolian veneer Wetland (little channel flow) Talus Slopes and Colluvial Surfaces Talus slope (present only against old cliffs)
<ul style="list-style-type: none"> Beach ridge and nearshore ramp Beach ridge veneered with aeolian sand <2m deep, locally dissected Back-barrier lagoon Back-barrier lagoon veneered with aeolian or alluvial deposits Exposed, undissected, flat, or gently inclined lake beds Exposed, undissected, flat, or gently inclined lake beds veneered with eolian sand <2m deep 	<ul style="list-style-type: none"> Aeolian Sand Sheets and Dunes Active sand sheet or dune Active parabolic dune Stable sand sheet or dune Stable parabolic dune Degraded sand sheet or dune Dune stacks 	<ul style="list-style-type: none"> Bedrock Uplands Sedimentary (conglomeratic) terrain Volcanic terrain Hypabyssal terrain Plutonic terrain Grus terrain Plutonic or grus terrain with aeolian veneer
<ul style="list-style-type: none"> Lake shorelines and ridge crests within Lake Thompson 	<ul style="list-style-type: none"> Contours Roads and Runways 	<ul style="list-style-type: none"> Boundaries Edwards AFB Boundary Late Pleistocene boundary of Lake Thompson Inferred boundary Actual boundary extent of mapped area Anthropogenic terrain



This map is based on field and remote sensing investigations by Antony R. Orme, assisted by Rosamond Lake by Andrew J. Kane. Cartography by Michael P. Ericsson.
Published by the USACE ERDC
Civil Region Research & Engineering Lab
07-15-03
Further information may be found in the accompanying report entitled "Ecological Land Classification and Floodplain Assessment for Pleistocene Lake Thompson Bed".
Universal Transverse Mercator
Zone Number: 11, North American Datum 1983
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