CALIFORNIA GEOLOGICAL SURVEY
JOHN G. PARRISH, PH.D., STATE GEOLOGIST

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THE NATURAL RESOURCES AGENCY - MIKE CHRISMAN, SECRETARY FOR RESOURCES
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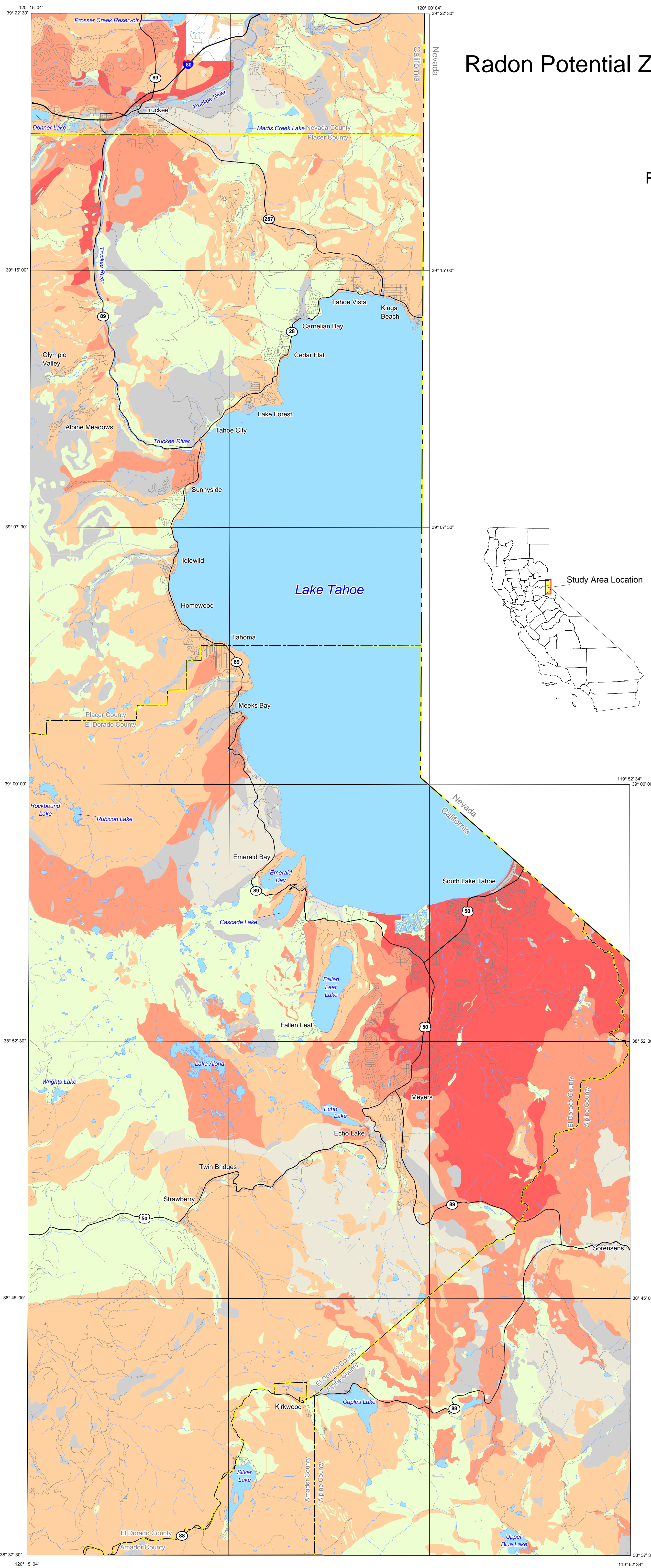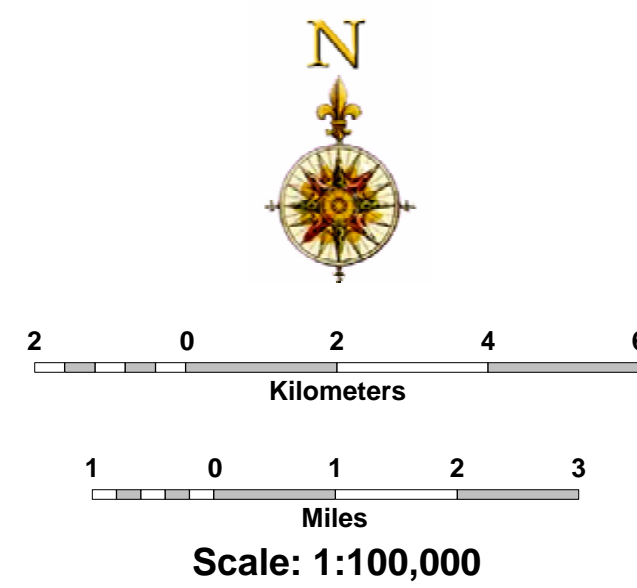RADON POTENTIAL ZONE MAP FOR THE LAKE TAHOE AREA,
CALIFORNIA. SPECIAL REPORT 211 - PLATE 1

Radon Potential Zone Map for the Lake Tahoe Area, California

By

Ronald K. Churchill, Ph.D.
(PG #4265)

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Kilometers
2 0 2 4 6

Miles
1 0 1 2 3

Scale: 1:100,000

Study Area Location

Radon Zone Definitions

Very High Potential For Indoor Radon Levels
Above Four Picocuries Per Liter**

High Potential For Indoor Radon Levels
Above Four Picocuries Per Liter**

Moderate Potential For Indoor Radon Levels
Above Four Picocuries Per Liter**

Low Potential For Indoor Radon Levels
Above Four Picocuries Per Liter**

Unknown Potential For Indoor Radon Levels
Above Four Picocuries Per Liter**

** The U.S. Environmental Protection Agency (EPA) recommends four
picocuries per liter as the action level for radon reduction.

Base Map Layers

Interstate Route
US Route
State Route
Secondary Route/ Street
County Boundary
State Boundary
River
Stream
Lake

MAP USAGE AND LIMITATIONS

This map identifies areas where geologic conditions are more likely to produce
excessive indoor radon levels. The map is intended to be advisory only. It is
intended to assist national, state and local governments and organizations in
targeting their radon program activities and resources. This map is not intended
for determining which buildings have excessive indoor radon levels. Besides
geology, local variability in such factors as soil permeability, weather and climatic
conditions, building design and condition, and building usage also influence
indoor radon levels. Consequently, building-specific radon levels can only be
determined by indoor radon testing. No warranty as to actual radon levels at
specific sites is expressed or implied by this map or the accompanying report.

The U.S. Environmental Protection Agency (EPA) recommends that all homes be
tested for radon whatever their geographic location. Homes with elevated radon
levels have been found in all zones within the Lake Tahoe area. The U.S. EPA
recommends that action be taken to reduce radon in homes with an average
annual level higher than four picocuries per liter (4 pCi/l).

Questions regarding this map should be directed to:

California Department of Public Health, Radon Program,
Telephone: (916) 449-5674
Email: GeorgeFaggella@cdph.ca.gov

California Geological Survey
Telephone: (916) 323-7696
Email: mrmhmp@consrv.ca.gov

Additional information about radon can be found at the following websites:

California Department of Public Health, Radon Program:
http://www.cdph.ca.gov/healthinfo/environhealth/Pages/Radon.aspx
California Geological Survey-Mineral Resources Program:
http://www.conservation.ca.gov/cgs/minerals/hazardous_minerals/radon/Pages/Index.aspx
U.S. EPA: http://www.epa.gov/iaq/radon/

Map Sources (Digital GIS Layers):

Hydrography - GDT, April 2004
Roads - GDT, April 2004

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GIS Development and Map Layout by Milton Fonseca

Prosser Creek Reservoir
Truckee
Truckee River
Donner Lake
Martis Creek Lake
Nevada County
Placer County
Olympic Valley
Alpine Meadows
Truckee River
Tahoe City
Sunnyside
Tahoe Vista
Kings Beach
Carnelian Bay
Cedar Flat
Lake Forest
Idlewild
Homewood
Tahoma
Meeks Bay
Placer County
El Dorado County
Rockbound Lake
Rubicon Lake
Emerald Bay
Emerald Bay
Cascade Lake
Fallen Leaf Lake
Fallen Leaf
Lake Aloha
Wrights Lake
Echo Lake
Echo Lake
Twin Bridges
Strawberry
Meyers
South Lake Tahoe
Sorensens
Kirkwood
Caples Lake
Silver Lake
El Dorado County
Amador County
Upper Blue Lake
Lake Tahoe
Nevada
California
El Dorado County
Alpine County
Amador County
Alpine County