

UNITED STATES DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

**LOMA PRIETA, CALIFORNIA, EARTHQUAKE OF OCTOBER 17, 1989**

**SCENES FROM ORIGINAL U.S.G.S. AND ACQUIRED VIDEOTAPES AND RELEASE FORMS**

Videotape Log

by

Doug Prose<sup>1</sup>

Open File Report # 90 - 454 - A

with accompanying videotapes:  
Open File Report # 90 - 454 - B

1990

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<sup>1</sup> Menlo Park, California

# LOMA PRIETA, CALIFORNIA, EARTHQUAKE OF OCTOBER 17, 1989

## SCENES FROM ORIGINAL USGS AND ACQUIRED VIDEOTAPES AND RELEASE FORMS

by Doug Prose

**Summary:** This report includes:

1.) FIVE 60-MINUTE VIDEOTAPES of selected scenes from U.S. Geological Survey videotapes, depicting the effects of the Loma Prieta Earthquake of October 17, 1989. Filming took place between October 18th and December 9th, 1989. Video equipment consisted of a Sony DXC-7K camera, Sony VO-6800 3/4-inch portable recorder, various microphones and accessories, and Ampex 197 3/4-inch videotape.

Public domain footage of the 1906 San Francisco Earthquake is also included in this report.

The edited tapes of this report were recorded on Ampex 197 3/4-inch videotapes.

2.) A LOG OF THE 5 EDITED VIDEOTAPES.

3.) RELEASE FORMS from interview subjects, permitting this footage to be copied and used by the public.

The edited videotapes were sub-mastered on 1-inch videotape for use by the public. Copies of these Sub-Masters can be purchased in all formats from:

VIDEOTRANSFORM, INC.  
2450 Embarcadero Way  
Palo Alto, California 94303  
415-494-1529

*Please allow 5-7 days for processing of orders.*

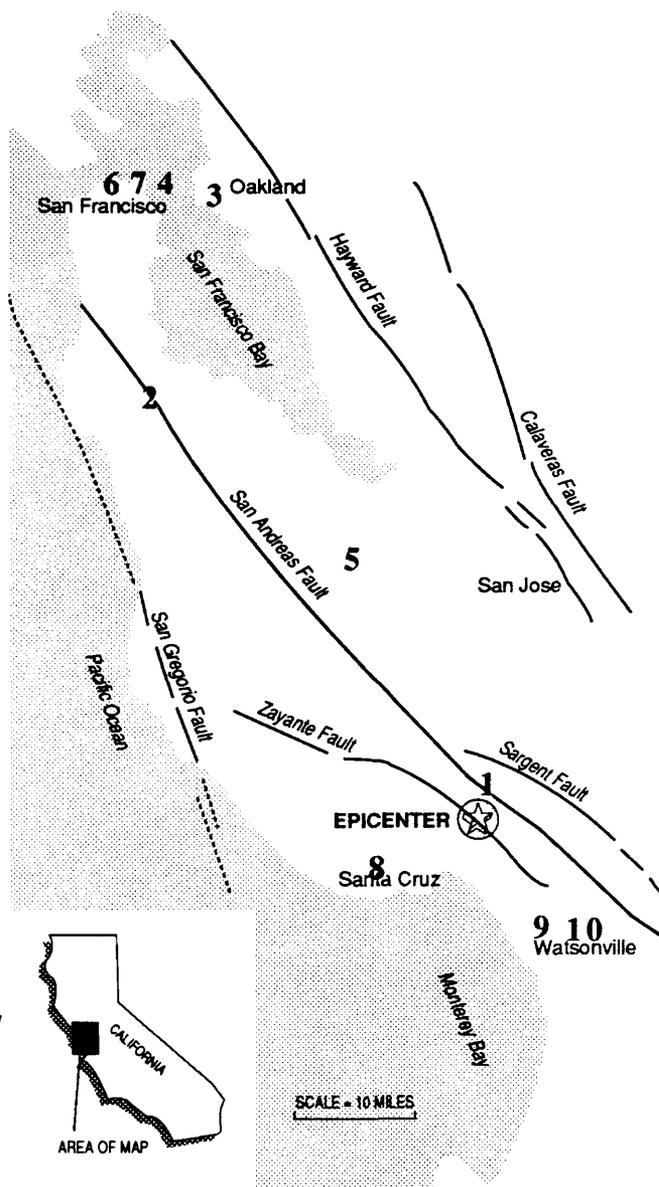
**Organization:** The edited videotapes are organized into the following categories:

- I. Epicenter Region - scenic views *tape 1*
- II. Aerial Footage *tape 1*
- III. San Francisco Bay Area Scenes *tape 1*
  1. Marina District
  2. Cypress Viaduct
  3. Embarcadero Viaduct, San Francisco
  4. Santa Clara and Los Gatos
- IV. Monterey Bay Area Scenes *tape 1*
  1. City of Santa Cruz
  2. Struve Slough Bridge Collapse
  3. Watsonville
- V. Epicenter Area Effects - Santa Cruz Mountains *tape 2*
  1. Summit Ridge
  2. Villa Del Monte
  3. Highway 17 Damage
  4. Blue Ridge Road Damage
  5. Rebecca Drive Damage
- VI. Eyewitness Accounts of Earthquake *tapes 2,3*
  1. Victims in various locations
  2. Interviews with non-USGS scientists about earthquake
- VII. Scientists Studying Earthquake in the Field *tapes 3,4*
- VIII. USGS Scientists at Menlo Park Office *tapes 4,5*
- IX. 1906 San Francisco Earthquake *tape 5*  
Public domain footage
- X. Earthquake Relief Shelters *tape 5*

**LOMA PRIETA EARTHQUAKE OF OCTOBER 17, 1989  
LOG OF EDITED VIDEOTAPES  
U.S Geological Survey**

**TAPE 1**

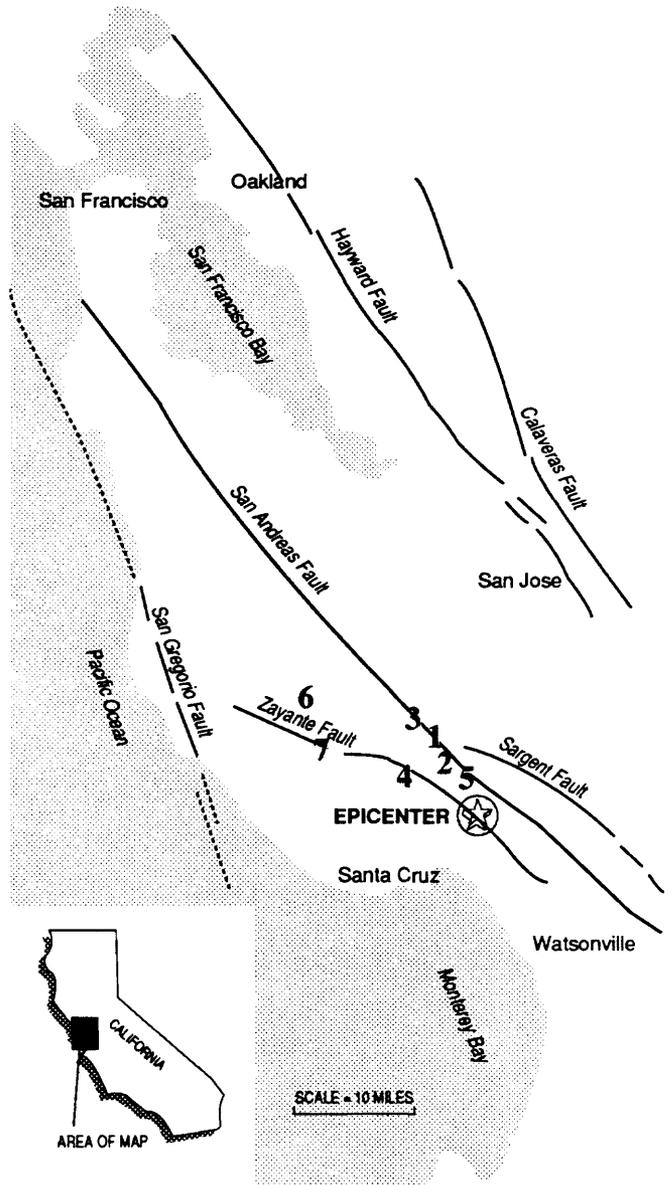
Time	Scene
00:00	<u>EPICENTER REGION 1</u>
	- view of Nicene Marks State Park
	- from western flank of Loma Prieta Mtn.
01:07	Loma Prieta Mountain
	- television towers on Peak
01:48	<u>AERIAL FOOTAGE</u>
	San Francisco
	- skyline and other city scenes
03:13	Oakland downtown skyline
03:38	Candlestick Park
03:45	San Francisco Airport
04:05	San Andreas Fault fly-by <b>2</b>
	- San Andreas Reservoir
	- fault valley
	- Crystal Springs Reservoir
05:14	Cypress Structure collapse <b>3</b>
	- various fly-bys
07:44	Bay Bridge - collapsed section <b>4</b>
08:11	St. Joseph's Seminary <b>5</b>
	- Santa Clara, 2 fly-bys
08:34	<u>SAN FRANCISCO BAY AREA SCENES</u>
	MARINA DISTRICT DAMAGE <b>6</b>
	- many scenes on ground
17:50	Tom Brokaw, NBC-TV reporter
	- live broadcast, Oct. 19th.
23:22	CYPRESS STRUCTURE DAMAGE
	- scenes of collapsed viaduct
	- workers, emergency crews, media
35:19	EMBARCADERO VIADUCT, San Fran. <b>7</b>
	- damage near Hyatt Hotel
36:42	SANTA CLARA & LOS GATOS
	- Maryknoll Convent damage
37:50	Old Town Los Gatos damage
38:50	<u>MONTEREY BAY AREA SCENES</u>
38:54	CITY OF SANTA CRUZ DAMAGE <b>8</b>
	- Pacific Garden Mall
	- storefronts, emergency crews
51:16	STREVE SLOUGH BRIDGE COLLAPSE <b>9</b>
	- on Hwy 1, near Watsonville
55:20	* interview w/ Corps of Engineer inspector
56:12	CITY OF WATSONVILLE DAMAGE <b>10</b>
	- damage near downtown
58:27	Lincoln Avenue damage



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**TAPE 2**

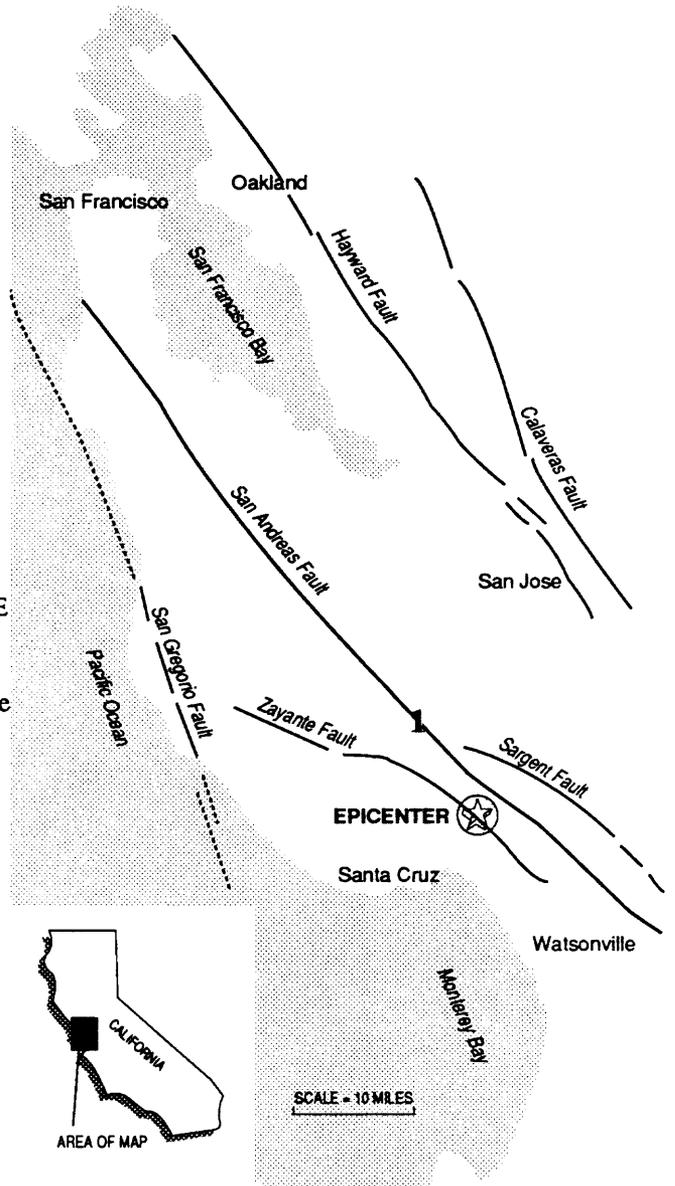
Time	Scene
00:00	<b>EPICENTER AREA EFFECTS</b> <b><u>SANTA CRUZ MOUNTAINS</u></b>
	<b>SUMMIT RIDGE 1</b>
00:55	Tranbarger pink house, Summit Road - large ground rupture, various scenes
04:22	rupture crossing Summit Rd. - vehicles going over bump
05:10	offset yellow lines on Summit Rd.
05:50	Noriega residence damage, Summit Rd.
06:42	Morrill Road rupture - site of similar 1906 rupture
08:15	<b>VILLA DEL MONTE 2</b> - house w/ ruined driveway
08:45	large rupture through clay tennis court - rupture continues through road
10:30	retaining wall split by rupture
11:06	damaged home, rupture under it
11:26	damaged home over hill
13:52	<b>HIGHWAY 17 DAMAGE</b> - broken median
14:00	landslide @ Summit Rd. overpass <b>3</b>
15:19	landslide @ Laurel Cutoff <b>4</b>
17:40	Summit Rd. slide scenes
19:40	traffic on highway
20:23	USGS geologists look for damage in car
21:03	landslide on Old San Jose-Soquel Rd. <b>5</b>
22:50	<b>BLUE RIDGE ROAD DAMAGE 6</b> - several badly damaged homes
26:52	slide on road, rain in puddle
27:25	3 more damaged homes
30:56	<b>REBECCA DRIVE DAMAGE 7</b> - 3 new, expensive homes damaged
36:21	damage inside Burke residence home
37:40	<b>EYEWITNESS ACCOUNTS</b> <b><u>OF EARTHQUAKE</u></b>
37:45	Dian Burke, Rebecca Drive
44:02	John Godsey, Summit Road
51:57	John & Freda Tranbarger, Summit Rd.
56:00	Mel Fidalgo, Summit Rd.
59:25	Patricia Mills & Family, Summit Rd.



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**TAPE 3**

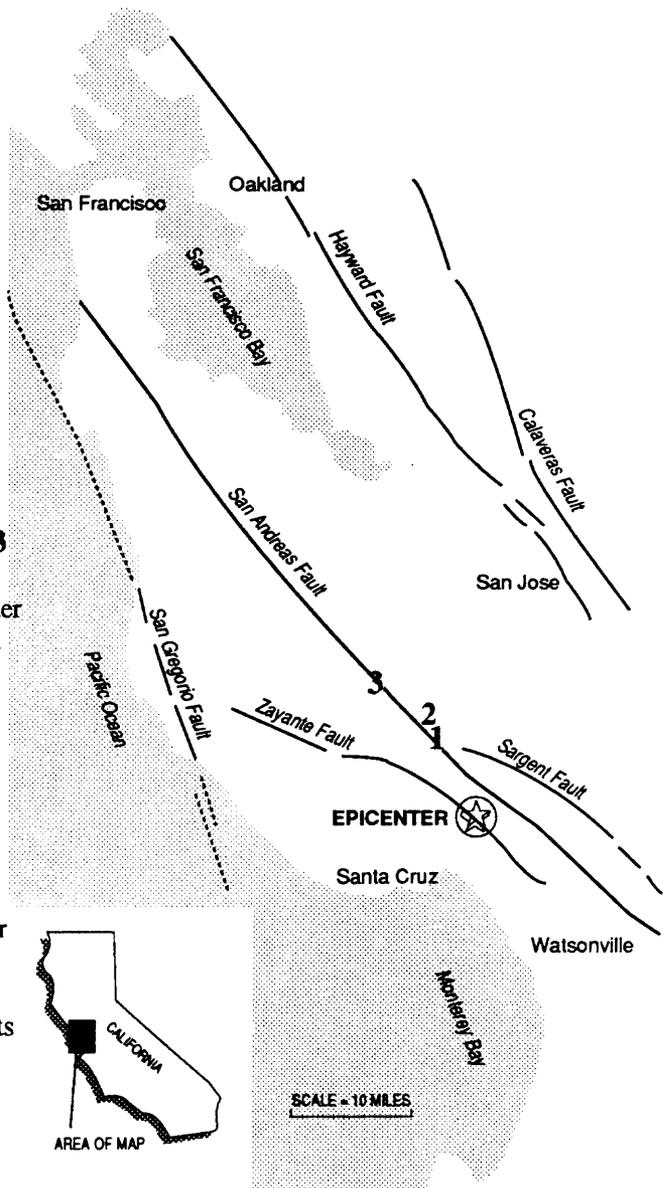
Time	Scene
00:00	<u>EYEWITNESS ACCOUNTS OF EARTHQUAKE</u> <i>continued from Tape 2</i>
	Swedish woman, Villa Del Monte
01:35	2 girls: K. Hoffman & Nicole Pierce-Percy - Morrill Rd. residents
04:38	Harry Fuller, KGO-TV San Francisco
06:20	Carol Ivy, KGO-TV San Francisco
06:42	Cheryl Jennings, KGO-TV San Francisco
10:34	David Wilson, San Francisco Airport - Public Affairs Officer
11:42	April and Stuart, Santa Cruz
15:08	Bike- rider, Stanford Univ. campus
15:40	2 women joggers, Palo Alto
17:30	<b>INTERVIEWS WITH 2 NON-U.S.G.S. GEOLOGISTS ABOUT EARTHQUAKE</b> Gary Griggs, Profesor of Earth Sciences - University of California, Santa Cruz
40:50	Paia Levine, Santa Cruz County Geologist
52:34	<b>SCIENTISTS STUDYING EARTHQUAKE IN THE FIELD 1</b>
	- consulting geologists @ Tranbarger rupture
53:28	USGS geologists @ Tranbarger rupture
56:04	Andre Sarma, USGS, describes rupture



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**TAPE 4**

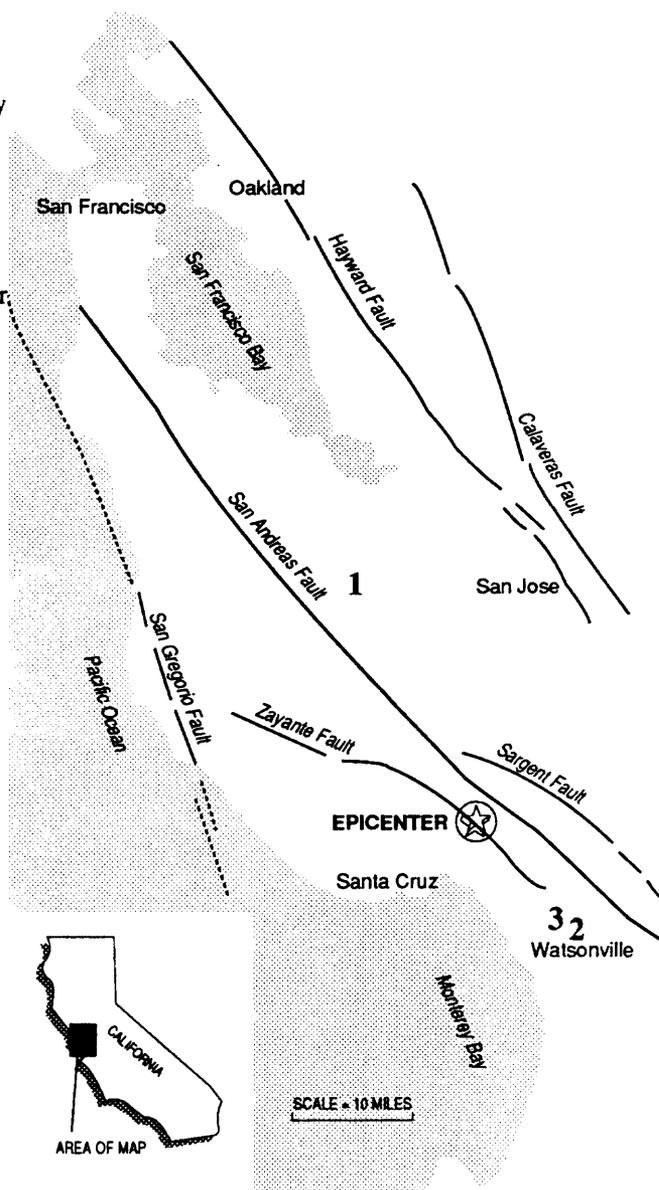
Time	Scene
00:00	<b>SCIENTISTS STUDYING EARTHQUAKE <u>IN THE FIELD</u></b> <i>continued from Tape 3</i>
00:34	- Teams of U.S.G.S. geologists <b>1</b> - @ Morrill Rd. rupture
07:40	Carol Prentice & Malcolm Clark, USGS - mapping ruptures along Summit Ridge
11:10	NOVA film crew filming geologists
12:00	Michael Rymer & Joe Andrews, USGS - measuring 'nail-arrays' on Summit Ridge
15:06	M. Rymer and Japanese magazine reporter
20:16	Reid Fisher, USGS, measuring road cracks - along Summit Road, often explains work
26:29	Dan Ponti & Ken Lajoie, USGS <b>2</b> - looking for ruptures in forest - filming from in car, driving walking through woods
28:40	Consulting geologists surveying landslides <b>3</b> - Redwood Estates
36:24	Chuck Gilbert, USGS, deploying seismometer - complete sequence of deployment in forest
52:14	<b><u>U.S.G.S. SCIENTISTS AT MENLO PARK OFFICE</u></b>
52:20	C. Gilbert in Telemetry Room
53:30	equipment in Telemetry Room
54:40	seismometer close-ups - D. Ritchey explains
55:19	D. Ritchey tests malfunctioning seismometer
57:57	helicorders; Steve Walters, USGS, explains
58:23	California seismic network computers
59:07	Ray Wells & Tom Gilmore, USGS geologists - discussing earthquake studies



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**TAPE 5**

Time	Scene
00:00	U.S.G.S. SCIENTISTS AT MENLO PARK OFFICE <i>continued from Tape 4</i>
00:34	Team of geologists discuss mapping strategy
01:38	Operations Room", Building 8 - scientists working on quake scenes in halls and offices, bldg. 8
06:50	staff on phones
08:22	Secretary of Interior, Manual Lujan
09:15	- visit to USGS, presentation by W. Thatcher
10:32	<u>1906 SAN FRANCISCO EARTHQUAKE</u> - public domain film footage
15:25	<u>EARTHQUAKE RELIEF SHELTERS</u>
	Los Gatos Red Cross Command Post <b>1</b>
17:05	Watsonville Red Cross Shelter <b>2</b> - Ramsay Park tent city scenes * interviews w/ shelter manager, occupants
23:56	Pajaro Red Cross Shelter <b>3</b> - scenes and interviews w/ visitors
28:38	Watsonville Red Cross Shelter - Main Street, near downtown
29:27	END OF TAPE





RELEASE



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Thank you! Doug Fr  
Produced by

NAME Please Print	ADDRESS	SIGNATURE
✓ 1. JOHN E. TRANDBERG	LOS GATOS CA 95030 22521 SUMMIT RD	John Trandberg
✓ 2. JANE E. FRANCE	28860 OLD SANTA CRUZ HWY LOS GATOS, CA 95030	Jane E. France
✓ 3. NORMA J. FRANCE 353-2787	22860 OLD SANTA CRUZ HWY LOS GATOS, CA 95030	Norma J. France
✓ 4. P. Mullis	22707 SUMMIT RD LOS GATOS CA 95030	P. Mullis
✓ 5. BILL ROSTER	LOS GATOS CA 95030 22664 SUMMIT RD	Bill Roster
✓ 6. Bob NORRIS	22664 Summit RD LOS GATOS, CA 95030	
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U.S. GEOLOGICAL SURVEY  
 Admin. Div. General Services Section  
 WESTERN REGION  
 MENLO PARK, CALIFORNIA

JAN 09 1990

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✓ DIAN BURKE

299 BELLEVUE DR, LOS GATOS  
CA 95032

*Dian L. Burke*

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1675 REBECCA DR  
BOULDER CREEK, 95006

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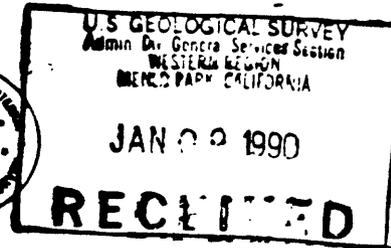
ADDRESS

SIGNATURE

- ✓ 1. Kristin M. Hoffman    23320 Morrill Rd.    Patricia M. Hoffman  
LOS GATOS, Ca 95030    (mother)
- 2. \_\_\_\_\_
- ✓ 3. Nicole Pearce-Percy    23415 Sky View Terr.    Kathy Percy  
Los Gatos, Ca 95030    (mother)
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*Thank you! Doug Fr  
Produced  
us*

NAME Please Print	ADDRESS	SIGNATURE
✓ 1. John A Godsey	1273 Olympia Ave Campbell CA 95008	<i>John A Godsey 1/89</i>
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*Thank you! Doing to Product*

NAME  
Please Print

ADDRESS

SIGNATURE

✓ 1. MEL FAGALOE

2458C SKYLAND RD  
LOS GATOS CA 95030

*Mel Fagaloe*

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