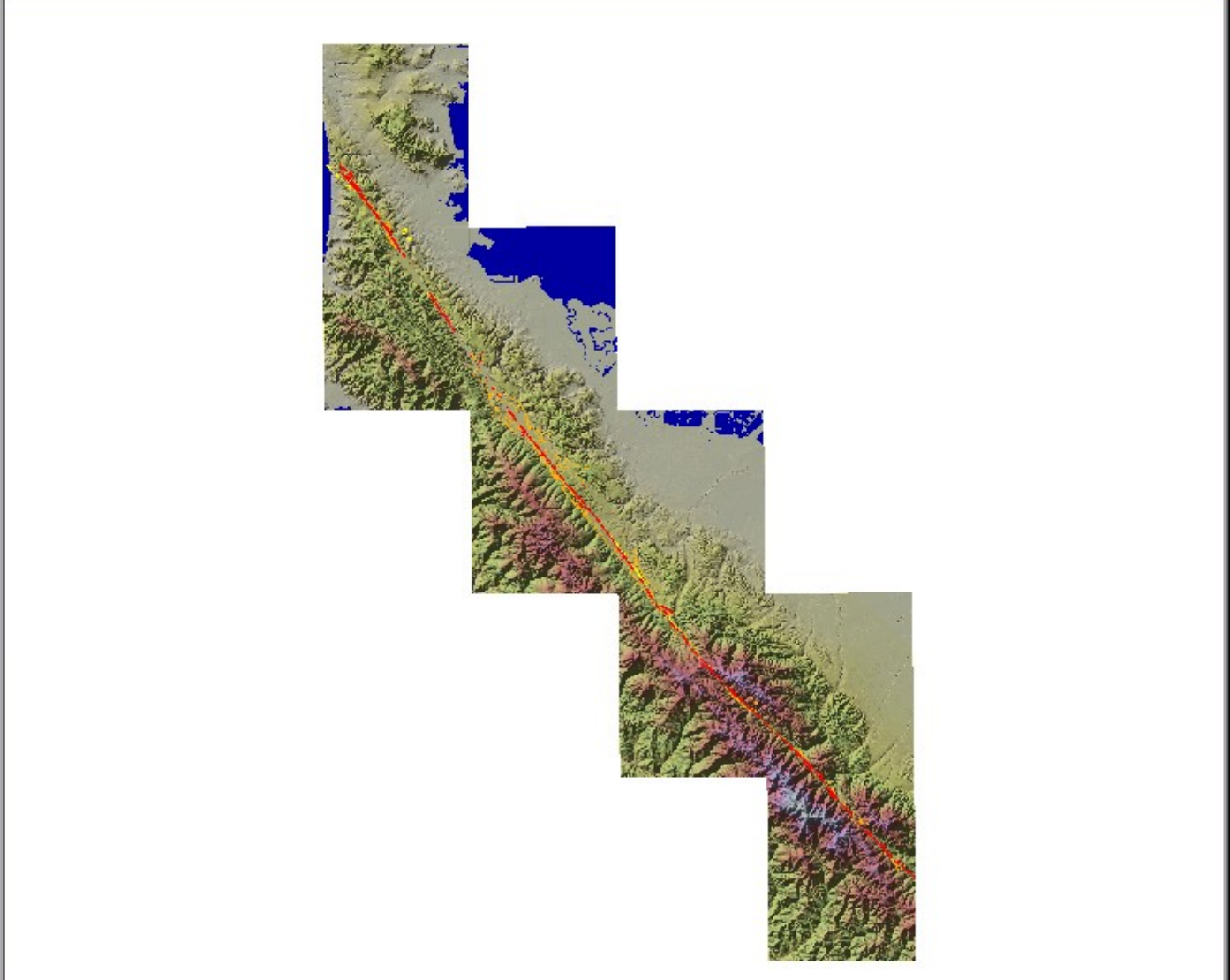




Scale 1: 470,590 536,149.72 4,157,181.11

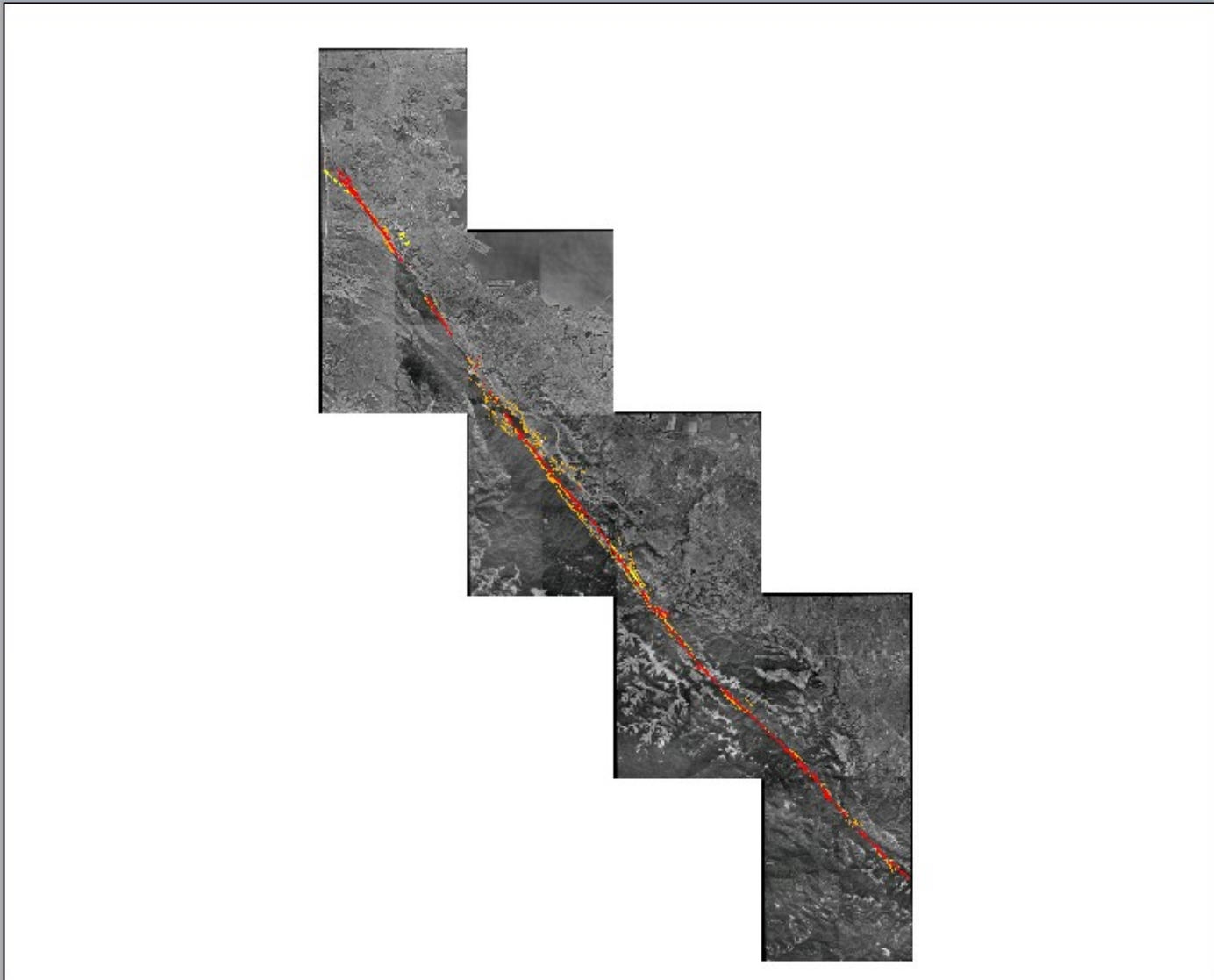
- Smith mapping (1981)
 - Fault, certain
 - Fault, approx.
 - Scarp, NE
 - Scarp, SW
 - Scarp, SW approx.
- Pampeyan Mapping
 - fault, approx. located
 - fault, certain
 - fault, concealed
 - fault, downthrown
 - fault, inferred
 - fault, inferred, queried
- Sag Ponds
 -
- Historic Ground Failure
 -
- Potential Ground Failure
 -
- Roads
 -
- Hydrography
 -
- Census Data Roads
 -
- Census Data Streams
 -
- Census City Boundaries
 -
- Digital Elavation Model- 3D
- 1946 D O Q
- Digital Orthophoto Quadrangle (1993)
- Hillshade DEM- Grays cale





Scale 1: 470,590 535,900.70 4,131,158.38

- Smith mapping (1981)
 - Fault, certain
 - Fault, approx.
 - Scarp, NE
 - Scarp, SW
 - Scarp, SW approx.
- Pampeyan Mapping
 - fault, approx. located
 - fault, certain
 - fault, concealed
 - fault, downthrown
 - fault, inferred
 - fault, inferred, queried
- Sag Ponds
 -
- Historic Ground Failure
 -
- Potential Ground Failure
 -
- Roads
 -
- Hydrography
 -
- Census Data Roads
 -
- Census Data Streams
 -
- Census City Boundaries
 -
- Digital Elavation Model- 3D
- 1946 D O Q
- Digital Orthophoto Quadrangle (1993)
- Hillshade DEM- Grays cale



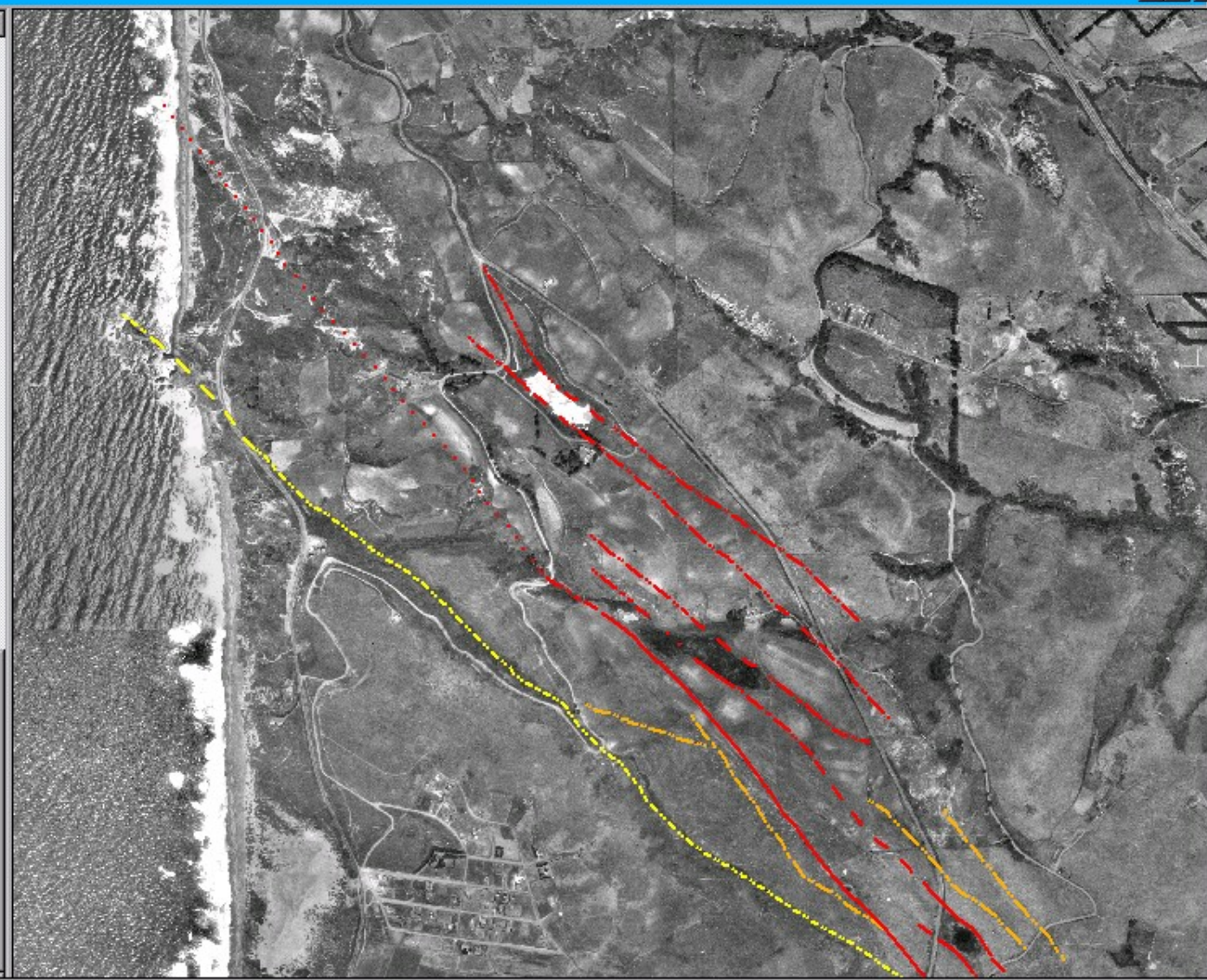


Scale 1: 17,556

544,311.94
4,167,236.46

Strip Map - SAFZ

- Smith mapping (1981)
 - Fault, certain
 - Fault, approx.
 - Scarp, NE
 - Scarp, SW
 - Scarp, SW approx.
- Pampeyan Mapping
 - fault, approx. located
 - fault, certain
 - fault, concealed
 - fault, downthrown
 - fault, inferred
 - fault, inferred, queried
- Sag Ponds
 -
- Historic Ground Failure
 -
- Potential Ground Failure
 -
- Roads
 -
- Hydrography
 -
- Census Data Roads
 -
- Census Data Streams
 -
- Census City Boundaries
 -
- Digital Elavation Model- 3D
- 1946 D OQ
- Digital Orthophoto Quadrangle (1993)
- Hillshade DEM- Grays cale





Scale 1: 17,556

544,423.42
4,168,481.35

Strip Map - SAFZ

- Smith mapping (1981)
 - Fault, certain
 - Fault, approx.
 - Scarp, NE
 - Scarp, SW
 - Scarp, SW approx.
- Pampeyan Mapping
 - fault, approx. located
 - fault, certain
 - fault, concealed
 - fault, downthrown
 - fault, inferred
 - fault, inferred, queried
- Sag Ponds
 -
- Historic Ground Failure
 -
- Potential Ground Failure
 -
- Roads
 -
- Hydrography
 -
- Census Data Roads
 -
- Census Data Streams
 -
- Census City Boundaries
 -
- Digital Elavation Model- 3D
- 1946 D OQ
- Digital Orthophoto Quadrangle (1993)
- Hillshade DEM- Grays cale





Scale 1: 17,556

544,373.31
4,169,617.09

Strip Map - SAFZ

- 15m - 30m, queried
- 15m - 30m, scarp
- 15m - 30m, scarp, queried
- < 15m
- < 15m, queried
- > 30m
- > 30m, queried
- > 30m, scarp
- > 30m, scarp, queried
- covered
- covered, queried

- California Division of Mines and Geology Ma
 - AP Boundary
 - Arrow
 - Fault
 - Fault, queried
 - Node

- California Division of Mines and Geology ma
 - Alquist-Priolo Zone Boundary
 - Fault, certain
 - Fault, approx.
 - Fault, inferred
 - Fault, concealed

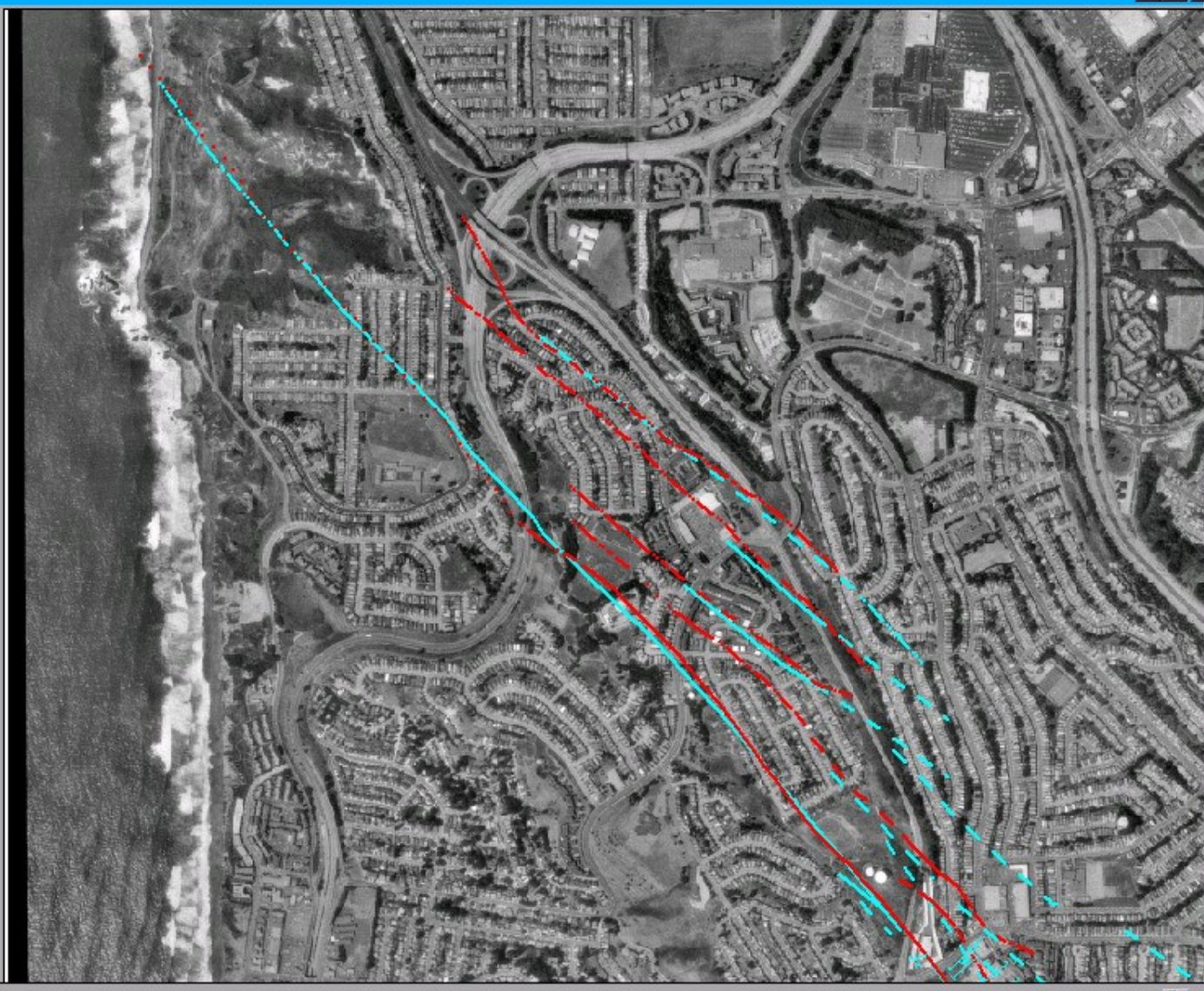
- Smith mapping (1981)
 - Fault, certain
 - Fault, approx.
 - Scarp, NE
 - Scarp, SW
 - Scarp, SW approx.

- Pampeyan Mapping
 - fault, approx. located
 - fault, certain
 - fault, concealed
 - fault, downthrown
 - fault, inferred
 - fault, inferred, queried

- Sag Ponds
 -

- Historic Ground Failure
 -

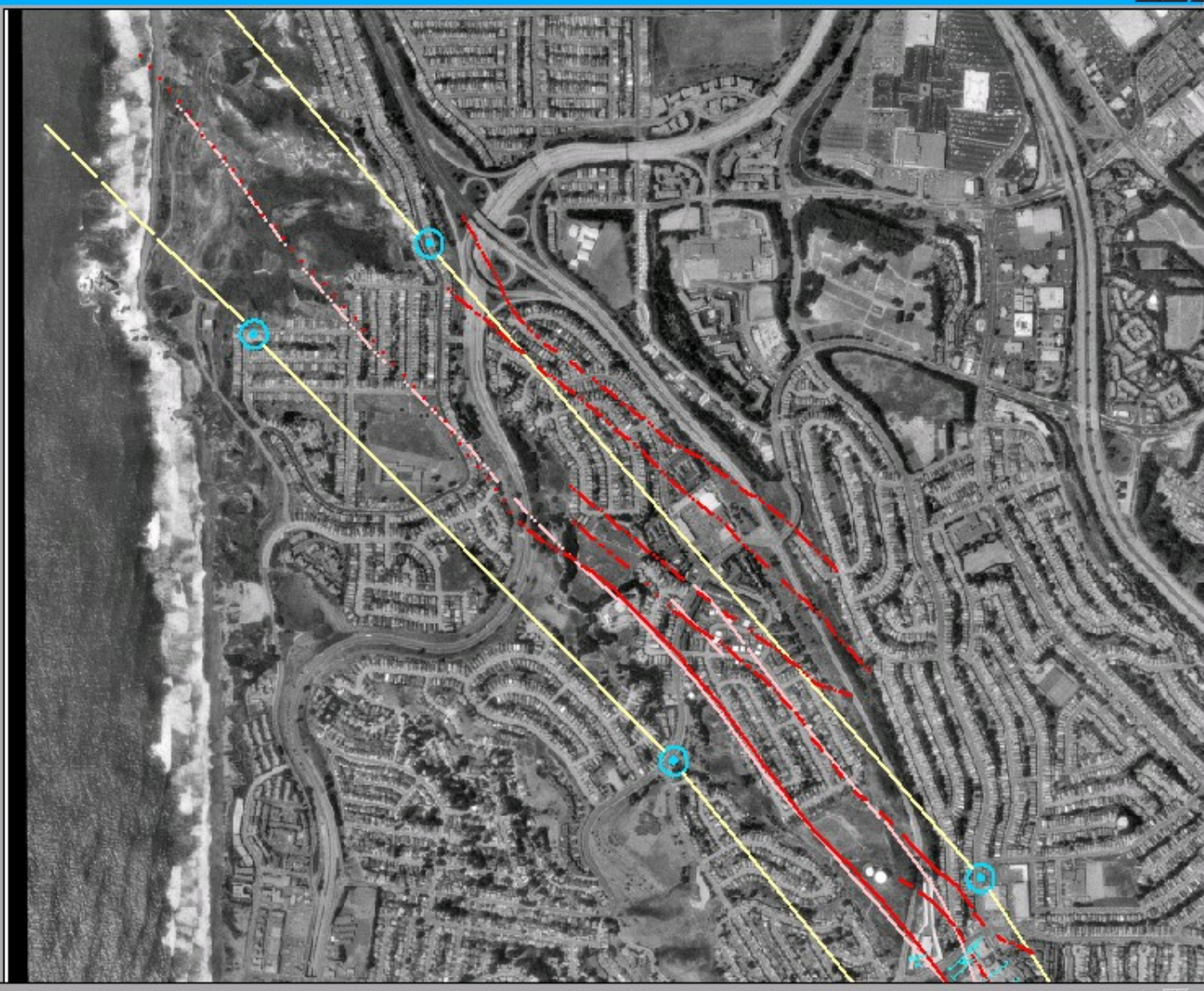
- Potential Ground Failure
 -





Strip Map - SAFZ

- 15m - 30m, queried
- 15m - 30m, scarp
- 15m - 30m, scarp, queried
- < 15m
- < 15m, queried
- > 30m
- > 30m, queried
- > 30m, scarp
- > 30m, scarp, queried
- covered
- covered, queried
- California Division of Mines and Geology Map
 - AP Boundary
 - Arrow
 - Fault
 - Fault, queried
 - Node
- California Division of Mines and Geology map
 - Alquist-Priolo Zone Boundary
 - Fault, certain
 - Fault, approx.
 - Fault, inferred
 - Fault, concealed
- Smith mapping (1981)
 - Fault, certain
 - Fault, approx.
 - Scarp, NE
 - Scarp, SW
 - Scarp, SW approx.
- Pampeyan Mapping
 - fault, approx. located
 - fault, certain
 - fault, concealed
 - fault, downthrown
 - fault, inferred
 - fault, inferred, queried
- Sag Ponds
- Historic Ground Failure
- Potential Ground Failure



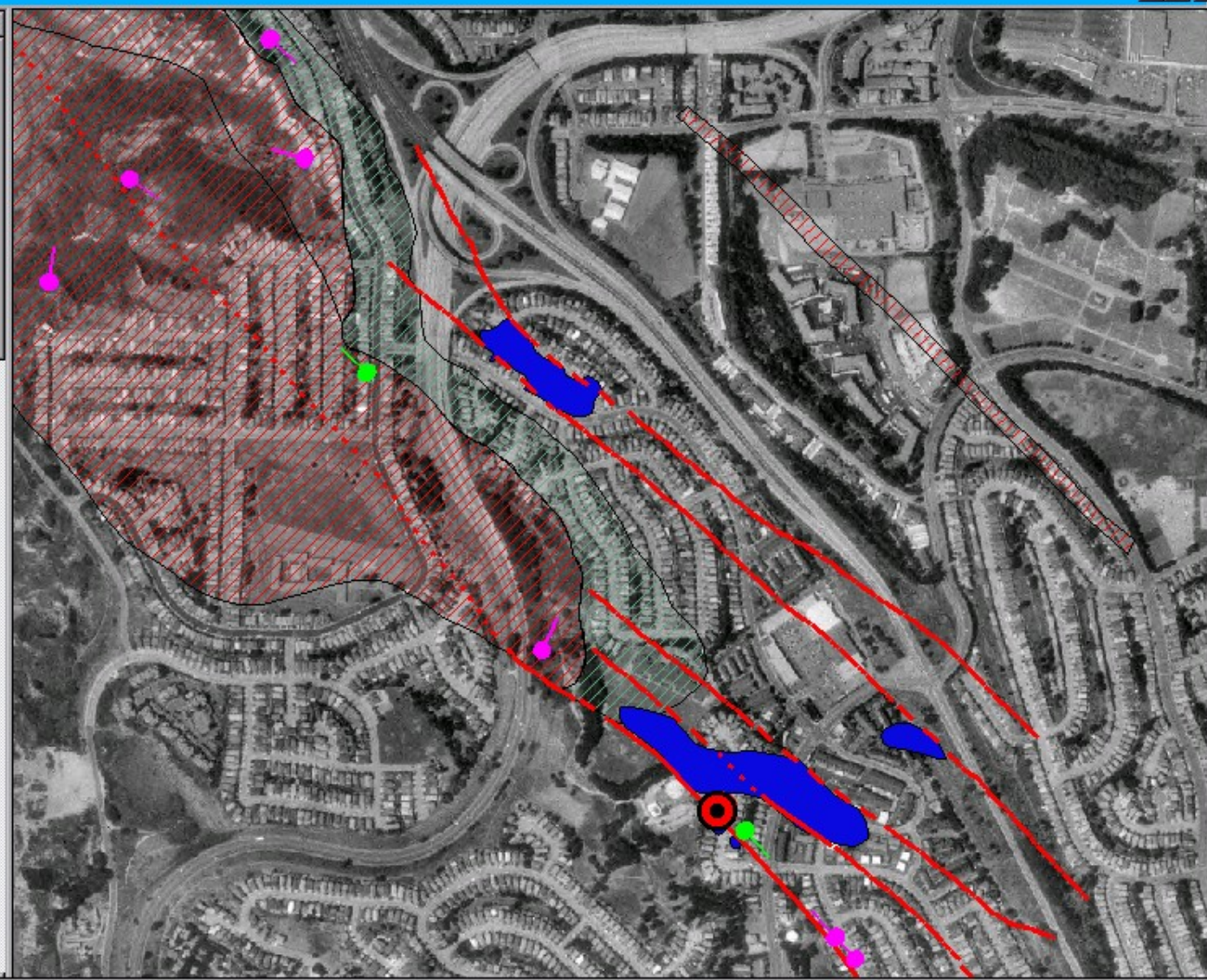


Scale 1: 10,584

544,869.93
4,168,352.40

Strip Map - SAFZ

- Hall Contours
- Historical Notes
- Trenches
- Laws on Report: Geomorph. & General Desc
- Historic Photos
 - < 30m
 - > 30m
 - ?
 - < 30m*
 - > 30m*
- Laws on Report: Detailed Fault Descrip.
- Study Areas
- THEMES ABOVE USE HOTLINK/ HIST.PHO
- Strike and Dip
- Deflected Drainages
- Historic Points of Interest
- Surface Exposure
- Faults
 - 15m - 30m





Scale 1: 7,914

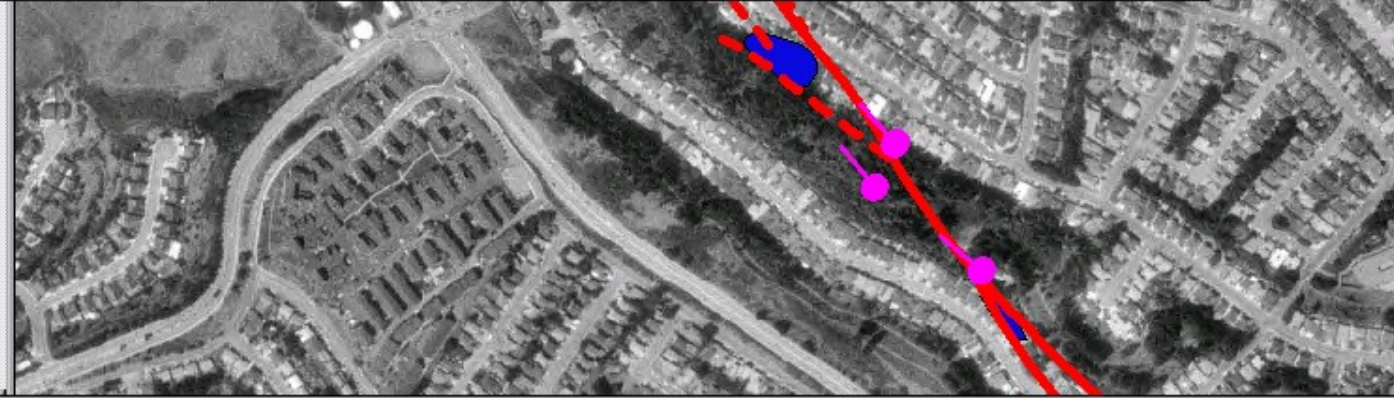
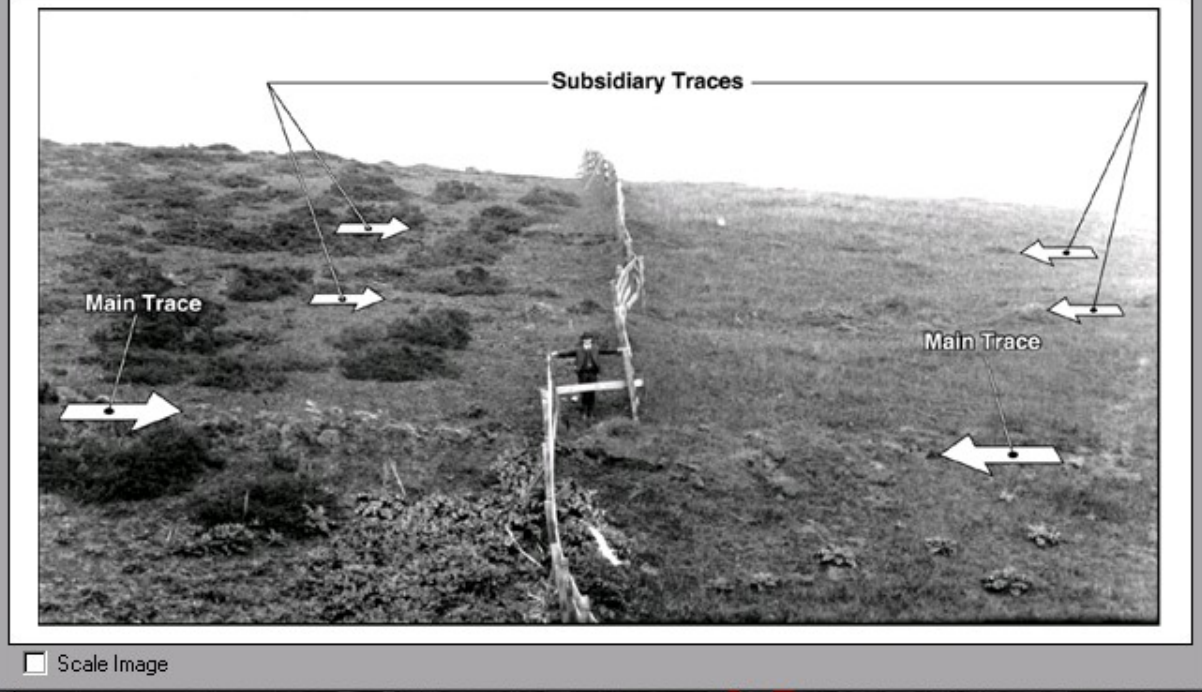
547,579.02
4,166,010.80

Strip Map - SAFZ

Photo No. SSF 27

Photo No. SSF 27

Photo No. SSF27: Fence between sag ponds 8 and 9 dislocated by three traces active in 1906. View toward N68°E. Main trace by the person offsets the fence right-laterally about 2 meters. The two subsidiary traces located uphill to the northeast increase the net 1906 displacement an additional 0.6 to 1 meter. The same fence in 1956 is shown in Photo No. SSF31.



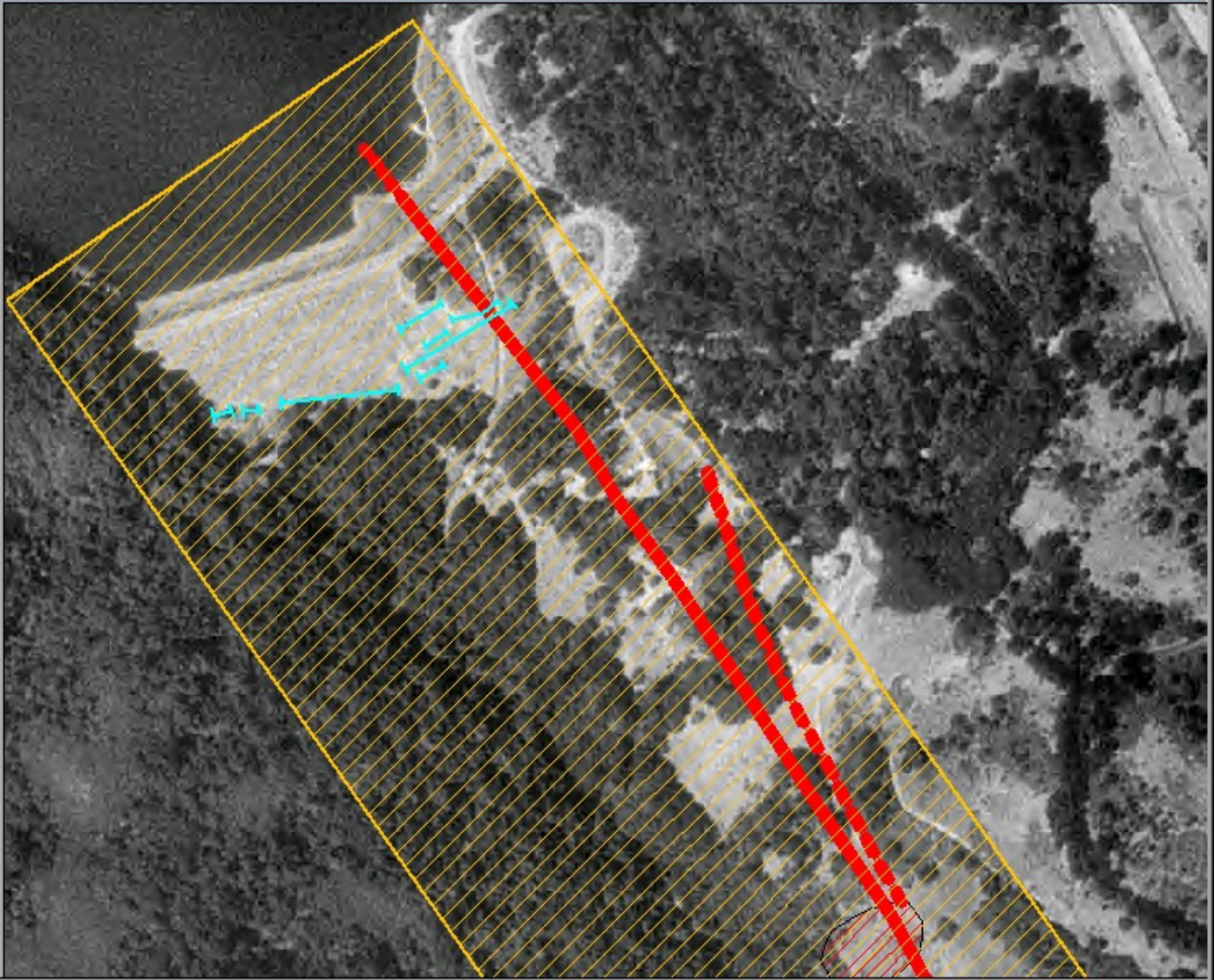
- ?
- < 30m*
- > 30m*
- Laws on Report: Detailed Fault Descrip.
- Study Areas
- THEMES ABOVE USE HOTLINK/ HIST.PH...
- Strike and Dip
- Deflected Drainages
- Historic Points of Interest
- Surface Exposure
- Faults
- 15m - 30m

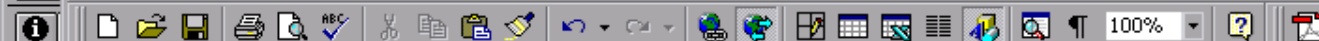


Scale 1: 4,403 551,999.67 4,159,386.86

Strip Map - SAFZ

- Hall Contours
- Historical Notes
- Trenches
- Laws on Report: Geomorph. & General Desc
- Historic Photos
 - < 30m
 - > 30m
 - ?
- Laws on Report: Detailed Fault Descrip.
 - < 30m*
 - > 30m*
- Study Areas
- THEMES ABOVE USE HOTLINK/ HIST.PHO
- Strike and Dip
- Deflected Drainages
- Historic Points of Interest
- Surface Exposure
- Faults 15m - 30m





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F:\arc\working\datasheets\10-1,10-2,10-3,10-4,10-5.doc

SAN ANDREAS FAULT (PENINSULA) STRIP MAP DATA SHEET

1. NEHRP Data Number: *10-1*

LOCATION DATA

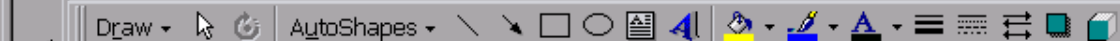
2. USGS 7.5' Quadrangle: *Montara Mountain, Woodside, Palo Alto, Mindogo Hill*
3. City: *Woodside and Portola Valley*
4. Address: *NA*
5. County: *San Mateo*

SOURCE DATA

6. Title: *Final Technical Report, Paleoseismic Investigations of the San Andreas Fault on the San Francisco Peninsula, California*
7. Author: *Geomatrix Consultants*
8. Date: *August 1993*
9. Contents: *15 pages, 8 figures, 2 appendices*
10. Location of Original: *RHW Personal Report Collection*

TECHNICAL DATA

- | | | | | | | | |
|-----|-------------------------|---|----------|--------------------|---|---|-----------|
| 11. | Fault Investigation: | Y | N | Fault Encountered: | Y | N | <u>NA</u> |
| 12. | Trench/Test Pit: | Y | <u>N</u> | Number: | | | |
| 13. | Boring: | Y | <u>N</u> | Number: | | | |
| 14. | Outcrop: | Y | <u>N</u> | | | | |
| 15. | Topographic/Geomorphic: | Y | N | | | | |



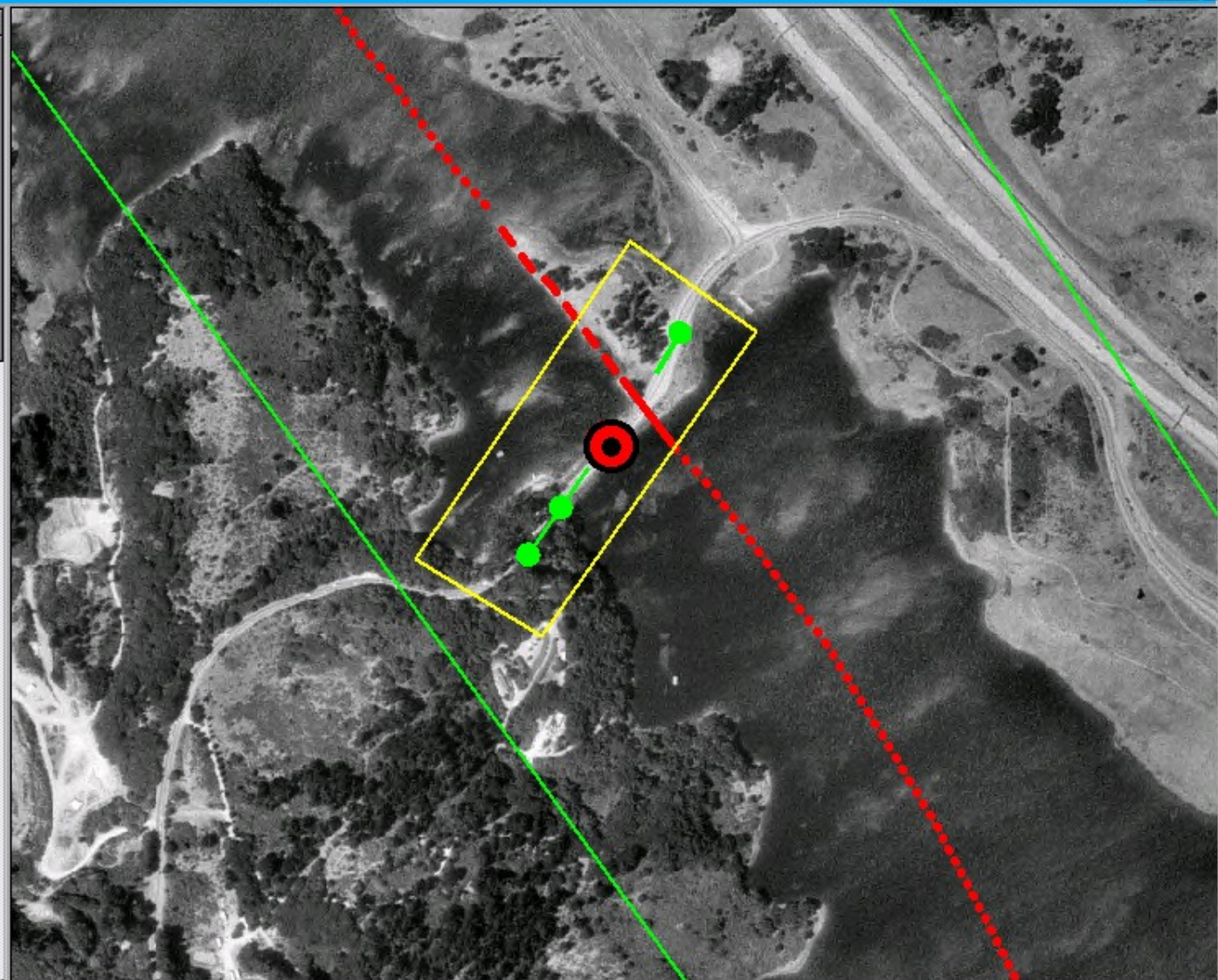


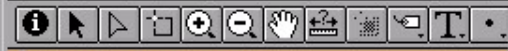
Scale 1: 7,921

557,125.84
4,151,505.25

Strip Map - SAFZ

- Hall Contours
- Historical Notes
- Trenches
- Laws on Report: Geomorph. & General Desc
- Historic Photos
 - < 30m
 - > 30m
 - ?
 - < 30m*
 - > 30m*
- Laws on Report: Detailed Fault Descrip.
- Study Areas
- THEMES ABOVE USE HOTLINK/ HIST.PHO
- Strike and Dip
- Deflected Drainages
- Historic Points of Interest
- Surface Exposure
- Faults
 - / 15m - 30m





Strip Map - SAFZ

- Photo Nos. SM 19 a...
 - Photo No. SM19: View southwest along right-laterally offset fence. Both the road and the fence to the south of the road are also similarly offset. Note the dashed line in the roadway denoting the original position of the fence prior to faulting.
- Photo No. SM23: Similar view as Photo No. SM19. Image taken from the opposite side of the fence. See Lawson, 1908, pp. 93-94, 101-102 for a more detailed description (Detailed Fault Description Number 5 and Number 9).

- < 30m*
- > 30m*
- Laws on Report: Detailed Fault Descrip.
- Study Areas
- THEMES ABOVE USE HOTLINK/ HIST.PHO
- Strike and Dip
- Deflected Drainages
- Historic Points of Interest
- Surface Exposure
- Faults
 - 15m - 30m

Photo No. SM 19



Scale Image



Scale Image

557,375.23
4,151,725.31



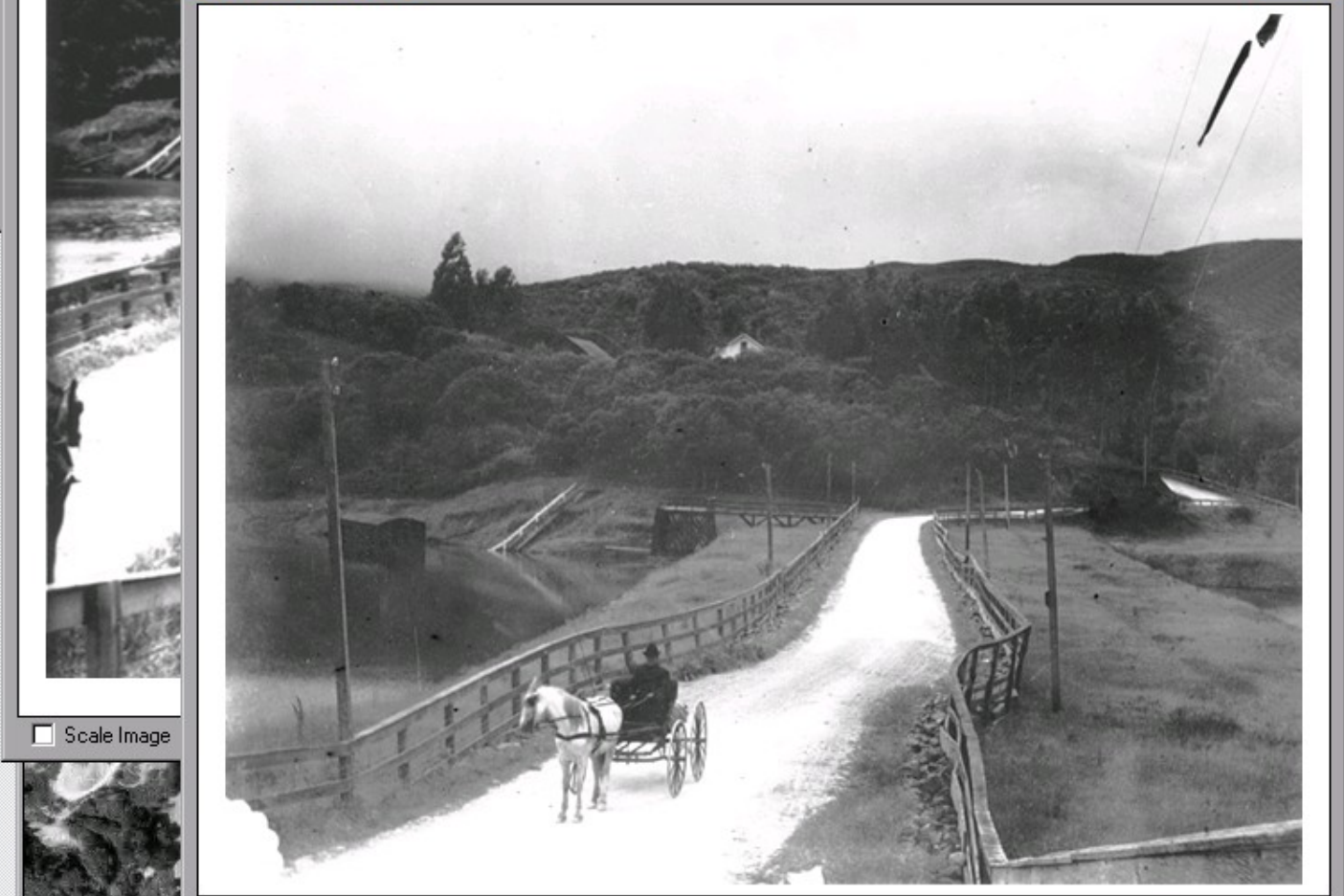
557,375.23
4,151,725.31

Strip Map - SAFZ

Photo No. SM 19



Photo No. SM 23



Scale Image

Photo Nos. SM 19 a...

Photo No. SM19: View southwest along right-laterally offset fence. Both the road and the fence to the south of the road are also similarly offset. Note the dashed line in the roadway denoting the original position of the fence prior to faulting.

Photo No. SM23: Similar view as Photo No. SM19. Image taken from the opposite side of the fence. See Lawson, 1908, pp. 93-94, 101-102 for a more detailed description (Detailed Fault Description Number 5 and Number 9).



- Laws on Report: Detailed Fault Descrip.
- Study Areas
- THEMES ABOVE USE HOTLINK/ HIST.PHO
- Strike and Dip
- Deflected Drainages
- Historic Points of Interest
- Surface Exposure
- Faults
 - 15m - 30m



Scale 1: 7,921

557,871.93
4,150,931.01

Strip Map - SAFZ

- Hall Contours
- Historical Notes
- Trenches
- Lawson Report: Geomorph. & Gener
- Historic Photos
 - < 30m
 - > 30m
 - ?
 - < 30m*
 - > 30m*
- Lawson Report: Detailed Fault Descri
- Study Areas
- THEMES ABOVE USE HOTLINK/ H
- Strike and Dip
- Deflected Drainages
- Historic Points of Interest
- Surface Exposure
- Faults
 - 15m - 30m

Microsoft Word - 5.doc

File Edit View Insert Format Tools Table Window Help



Title Times New Roman 11 B I U

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**Detailed Description 5**

[Lawson; Vol I, Part 1; "The Earth Movement on the Fault of April 18, 1906;" "Mussel Rock to Crystal Springs Lake," and, "Crystal Springs Lake to Congress Springs," and Congress Springs to San Juan;" pp92-113.](#)

(pp93-94) "A dam made of earth and rock divides Crystal Springs Lake into two parts. This dam crosses the fault-trace at right angles, and was offset but not badly cracked or injured by the movement. The fences that line the road were warped and their boards buckled thruout the distance across the dam. The earthquake rendered them too long for the distance from the hills on one side of the valley to those on the other. The inference is that a strong compression took place. The slicken-siding shown in plate 62A furnishes further evidence of compression. In the same way the heaving up of the sod into a long, raised mound, for most of the extent of the furrow, suggests lateral pressure. The formation of cracks a few inches to 2 or 3 feet wide in places along the furrow seems to contradict the theory of compression; but these are regarded as due to the irregular, crooked fracturing of the surface and the faulting of irregularities into juxtaposition with one another near the surface. The open cracks"



Draw AutoShapes

Page 1 Sec 1 1/1 At 1" Ln 1 Col 1 REC TRK EXT OVR WPH