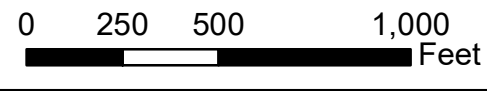


**ATKINS**

**Floodplain Workmap**

Map 1 of 32

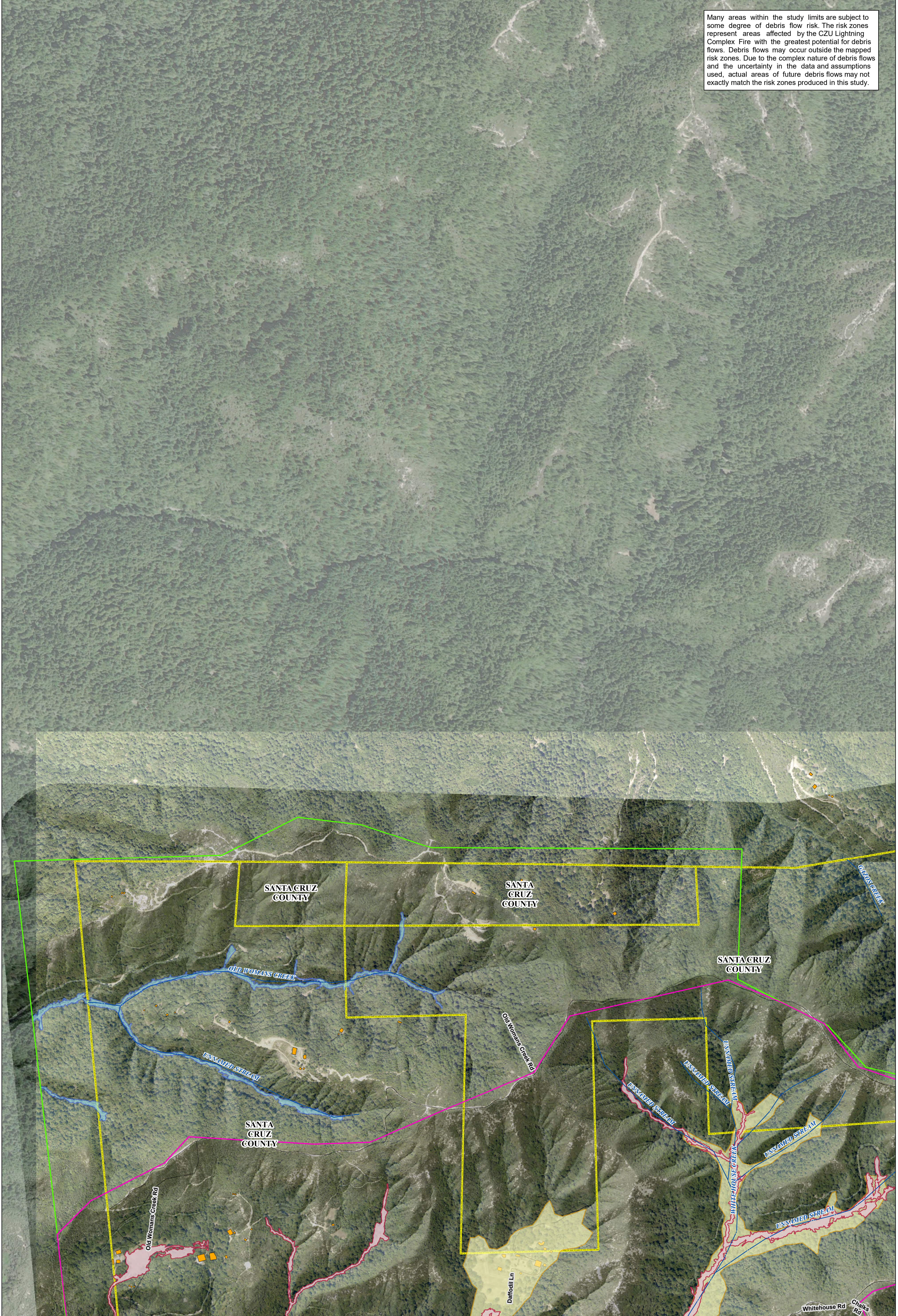


- FEMA Effective Flood Zones
- Detailed study area
- Study and Model limits, outside of detailed study area
- Primary debris flow path (model predicted)
- Inundation area (water, mud, and/or debris) (model predicted)
- Uncertain debris flow path, potential breakout flow
- Building Footprints (2016, estimated)

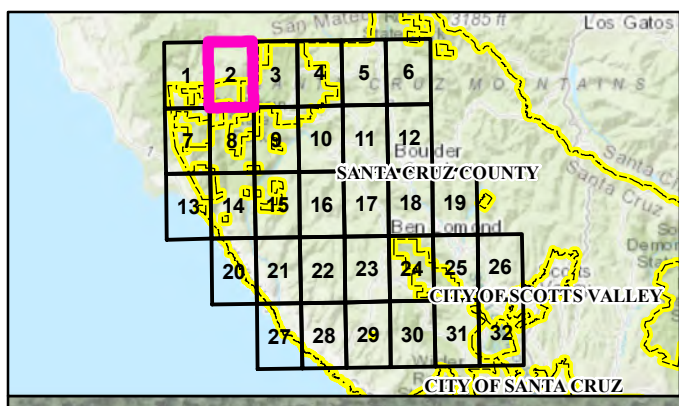
- Profile Baseline
- Political Boundary

Notes:  
 1. Imagery: National Agriculture Imagery Program (NAIP)  
 2. Horizontal datum: NAD 1983 StatePlane California 1 Feet  
 3. Vertical Datum: NAVD88

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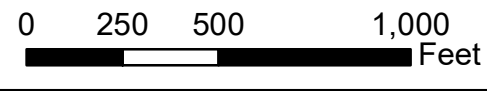




**ATKINS**

**Floodplain Workmap**

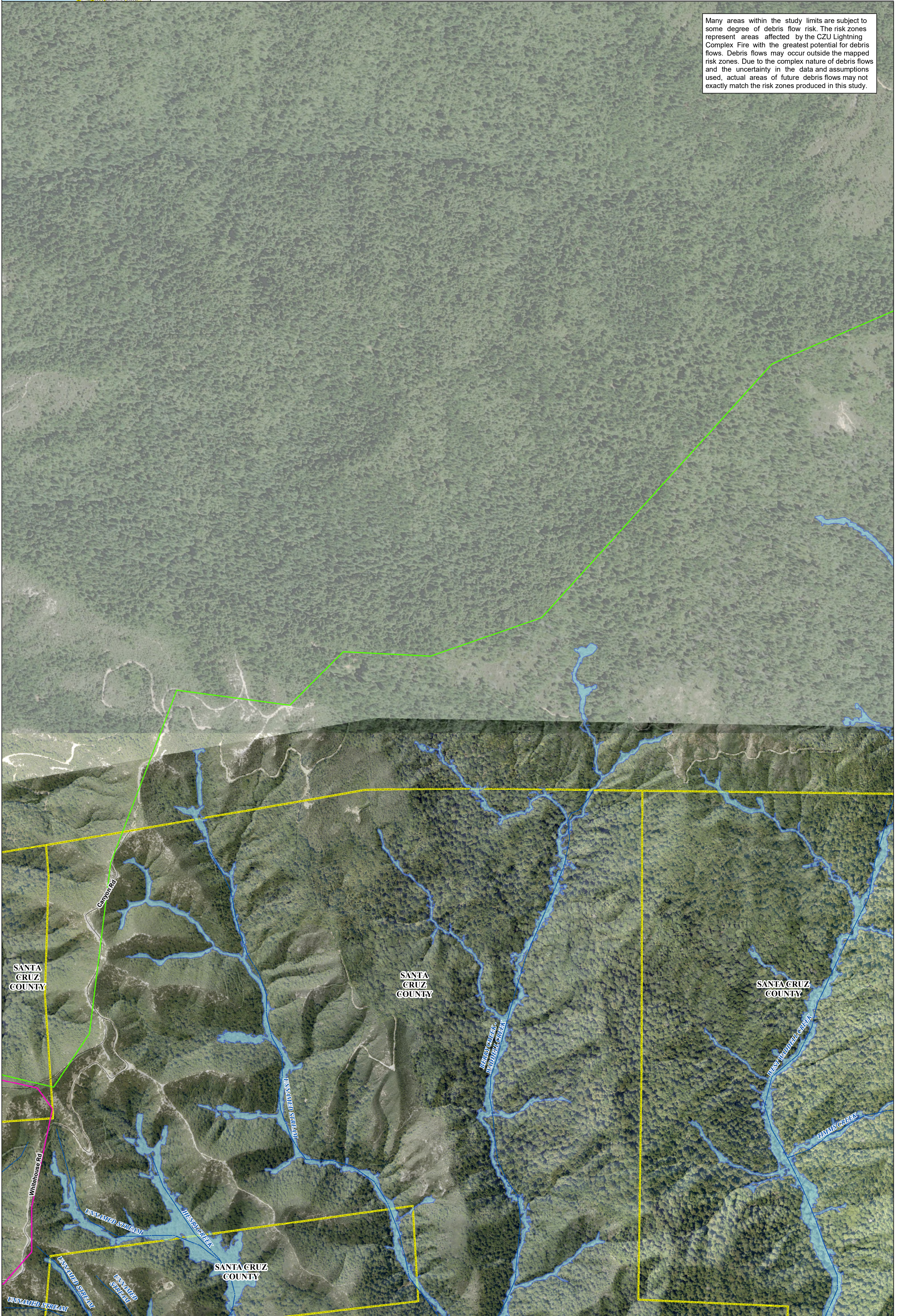
Map 2 of 32



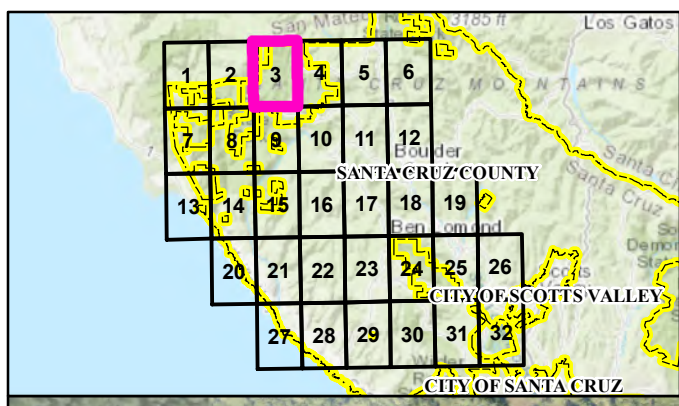
- FEMA Effective Flood Zones
  - Detailed study area
  - Study and Model limits, outside of detailed study area
  - Primary debris flow path (model predicted)
  - Inundation area (water, mud, and/or debris) (model predicted)
  - Uncertain debris flow path, potential breakout flow
  - Building Footprints (2016, estimated)
- Profile Baseline
  - Political Boundary

Notes:  
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**ATKINS**

**Floodplain Workmap**

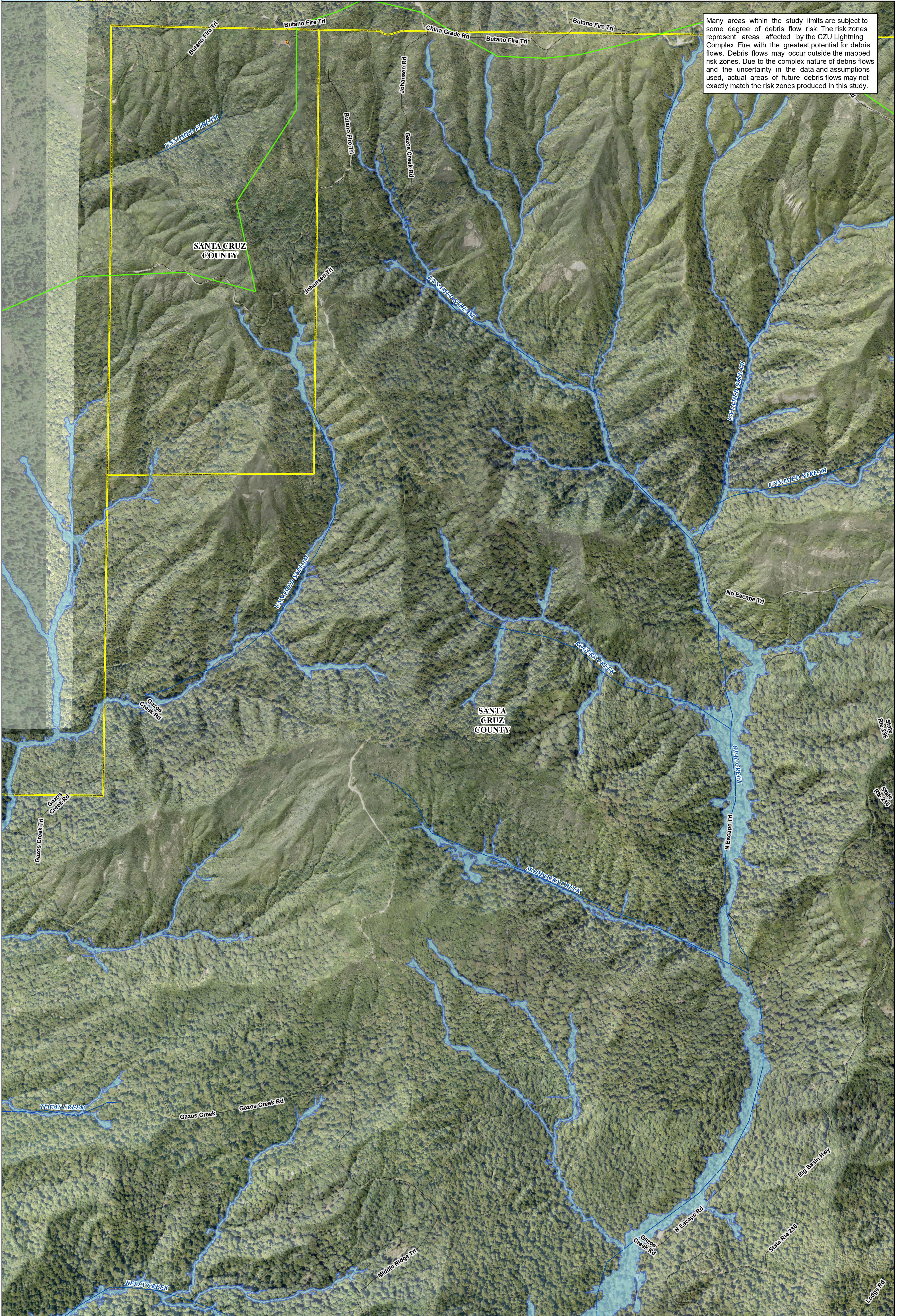
Map 3 of 32



0 250 500 1,000 Feet

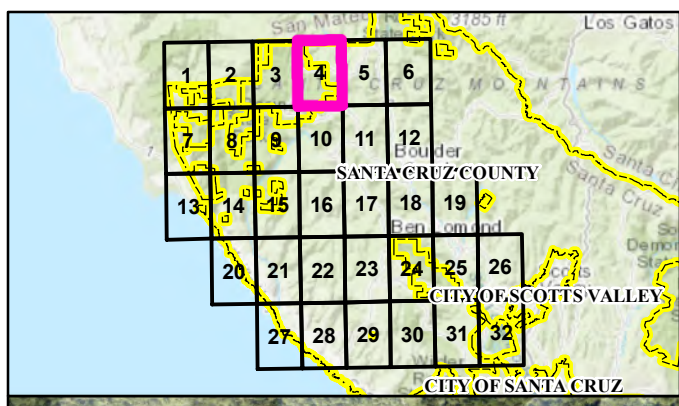
- FEMA Effective Flood Zones
  - Detailed study area
  - Study and Model limits, outside of detailed study area
  - Primary debris flow path (model predicted)
  - Inundation area (water, mud, and/or debris) (model predicted)
  - Uncertain debris flow path, potential breakout flow
  - Building Footprints (2016, estimated)
- Profile Baseline
  - Political Boundary

Notes:  
 1. Imagery: National Agriculture Imagery Program (NAIP)  
 2. Horizontal datum: NAD 1983 StatePlane California 1 Feet  
 3. Vertical Datum: NAVD88



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**ATKINS**

**Floodplain Workmap**

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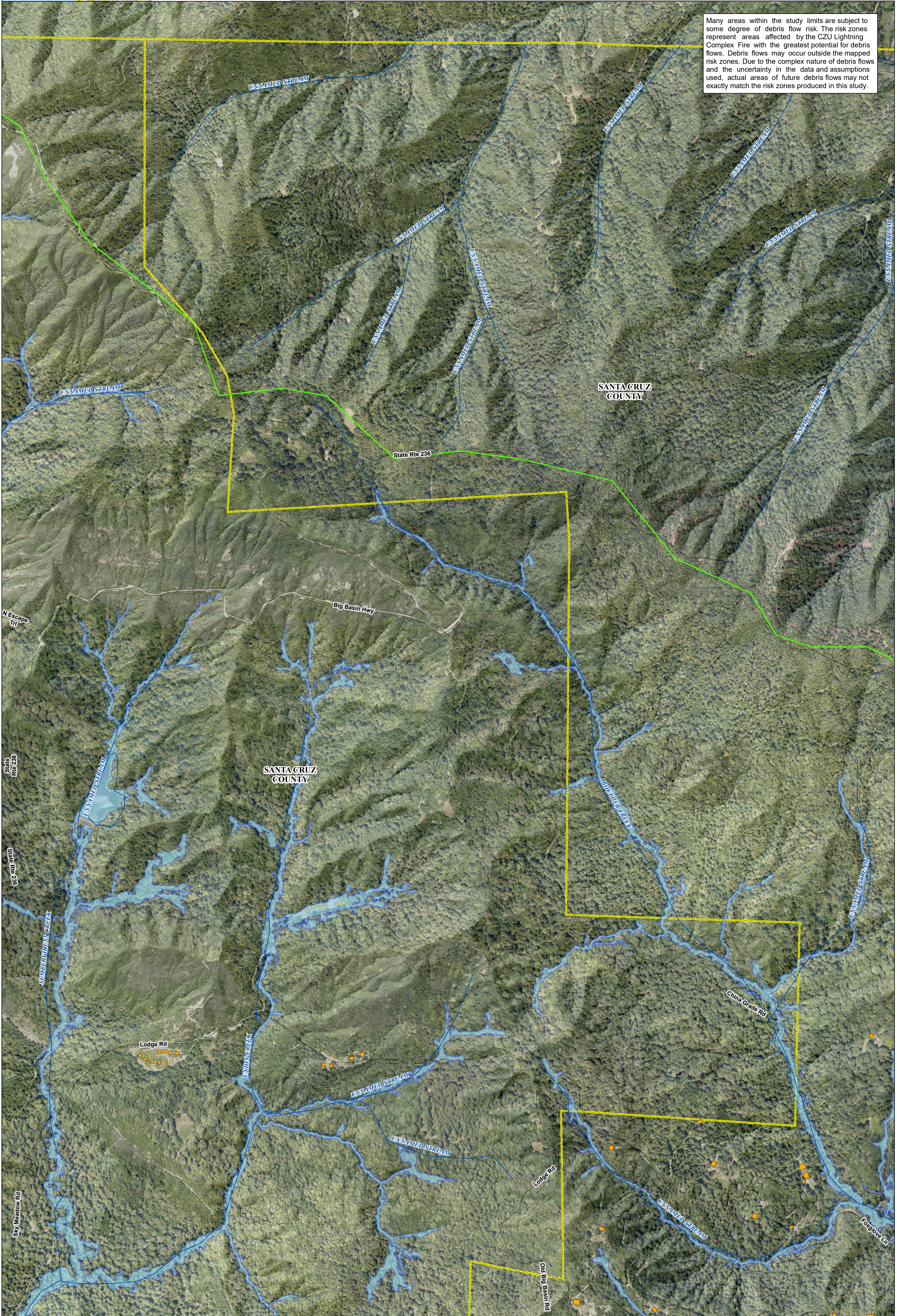
0 250 500 1,000 Feet

- FEMA Effective Flood Zones
- Detailed study area
- Study and Model limits, outside of detailed study area
- Primary debris flow path (model predicted)
- Inundation area (water, mud, and/or debris) (model predicted)
- Uncertain debris flow path, potential breakout flow
- Building Footprints (2016, estimated)

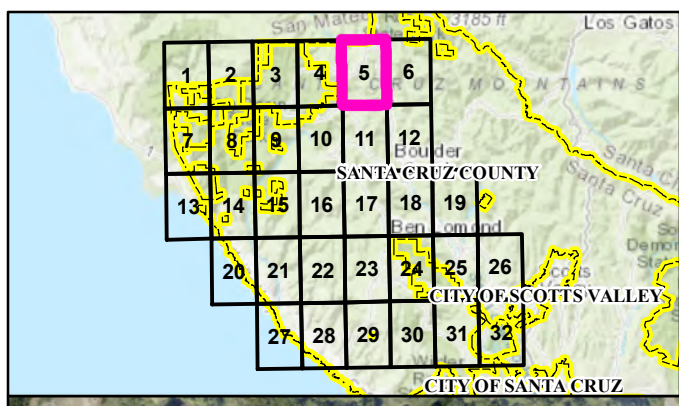
- Profile Baseline
- Political Boundary

Notes:  
 1. Imagery: National Agriculture Imagery Program (NAIP)  
 2. Horizontal datum: NAD 1983 StatePlane California 1 Feet  
 3. Vertical Datum: NAVD88

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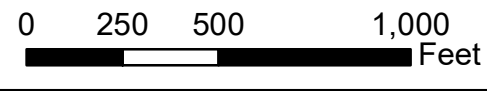




**ATKINS**

**Floodplain Workmap**

Map 5 of 32



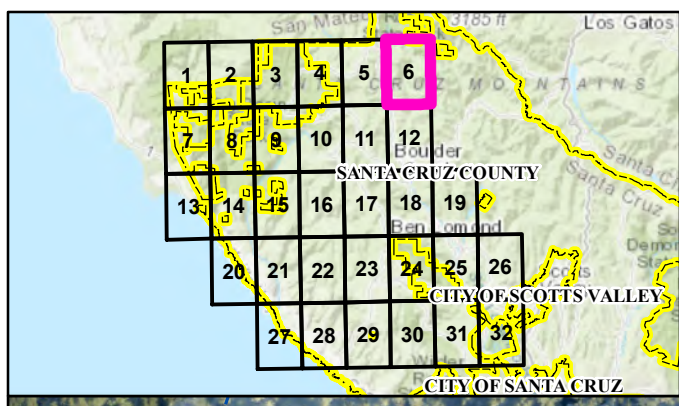
- FEMA Effective Flood Zones
- Detailed study area
- Study and Model limits, outside of detailed study area
- Primary debris flow path (model predicted)
- Inundation area (water, mud, and/or debris) (model predicted)
- Uncertain debris flow path, potential breakout flow
- Building Footprints (2016, estimated)
- Profile Baseline
- Political Boundary

Notes:  
 1. Imagery: National Agriculture Imagery Program (NAIP)  
 2. Horizontal datum: NAD 1983 StatePlane California 1 Feet  
 3. Vertical Datum: NAVD88

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**ATKINS**

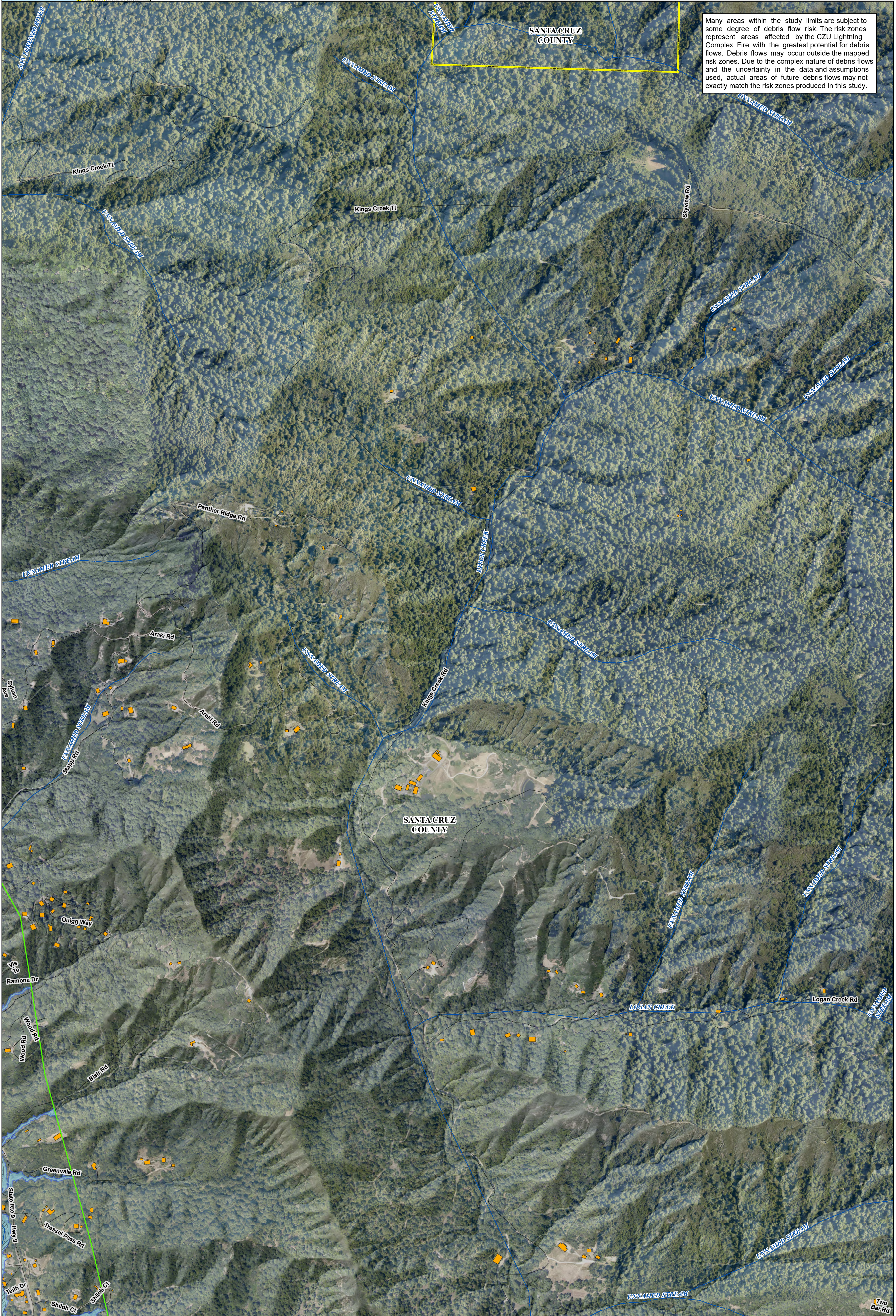
**Floodplain Workmap**

Map 6 of 32



- FEMA Effective Flood Zones
- Detailed study area
- Study and Model limits, outside of detailed study area
- Primary debris flow path (model predicted)
- Inundation area (water, mud, and/or debris) (model predicted)
- Uncertain debris flow path, potential breakout flow
- Building Footprints (2016, estimated)
- Profile Baseline
- Political Boundary

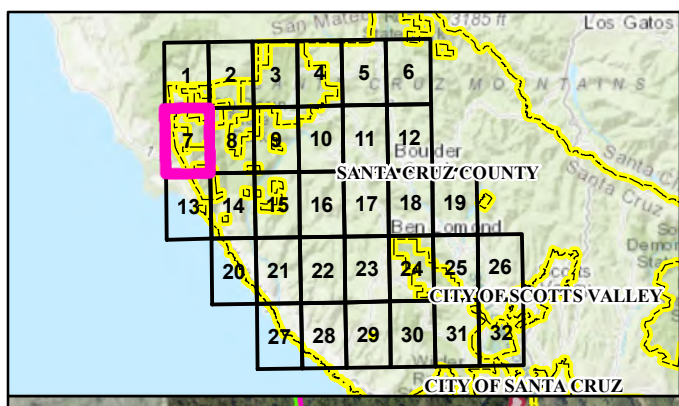
Notes:  
 1. Imagery: National Agriculture Imagery Program (NAIP)  
 2. Horizontal datum: NAD 1983 StatePlane California 1 Feet  
 3. Vertical Datum: NAVD88



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Two Bar Rd





**ATKINS**

**Floodplain Workmap**

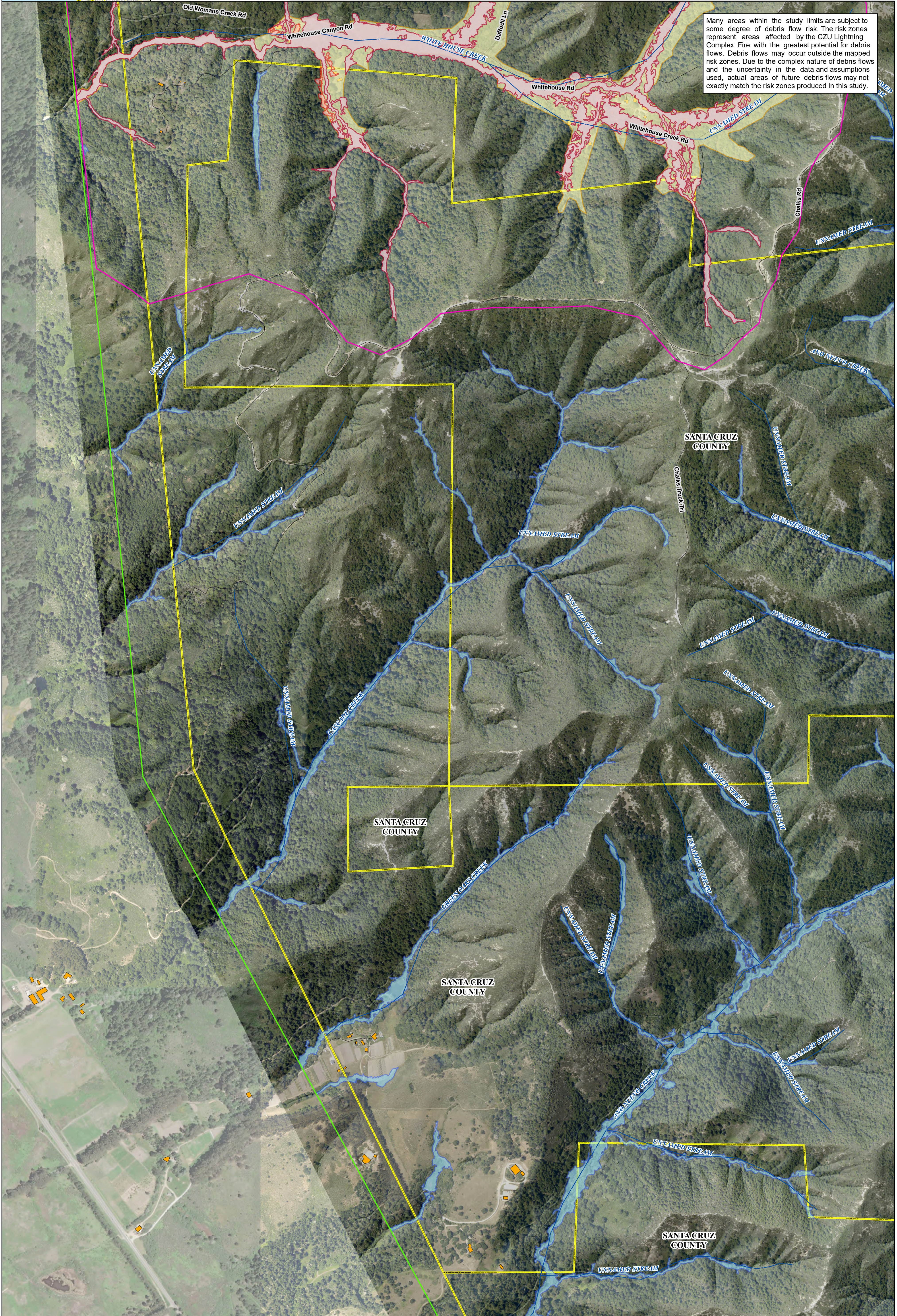
Map 7 of 32



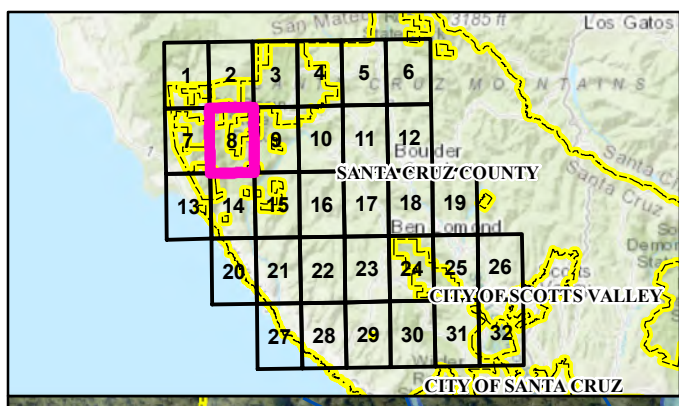
- FEMA Effective Flood Zones
- Detailed study area
- Study and Model limits, outside of detailed study area
- Primary debris flow path (model predicted)
- Inundation area (water, mud, and/or debris) (model predicted)
- Uncertain debris flow path, potential breakout flow
- Building Footprints (2016, estimated)
- Profile Baseline
- Political Boundary

Notes:  
 1. Imagery: National Agriculture Imagery Program (NAIP)  
 2. Horizontal datum: NAD 1983 StatePlane California 1 Feet  
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**ATKINS**

**Floodplain Workmap**

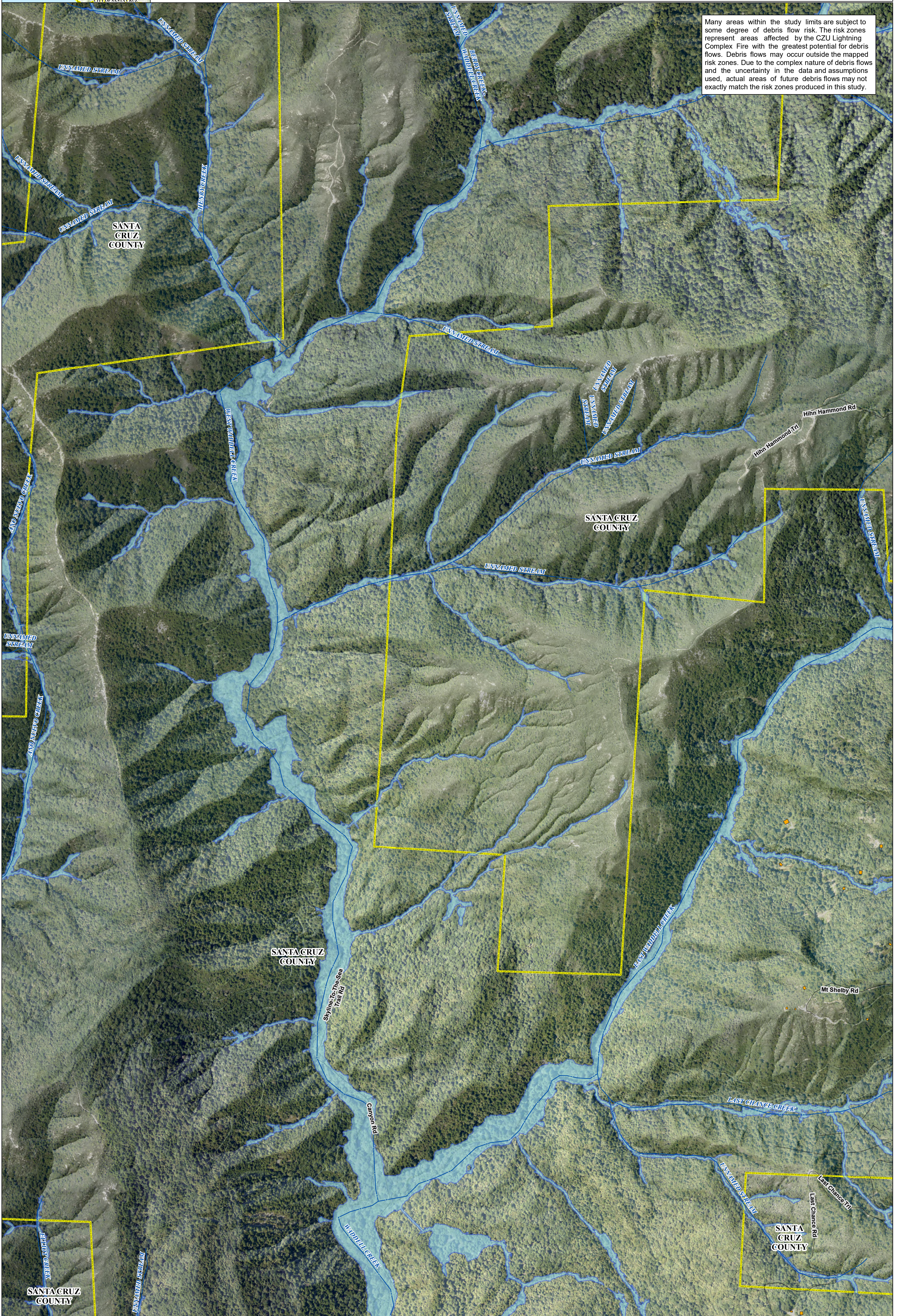
Map 8 of 32



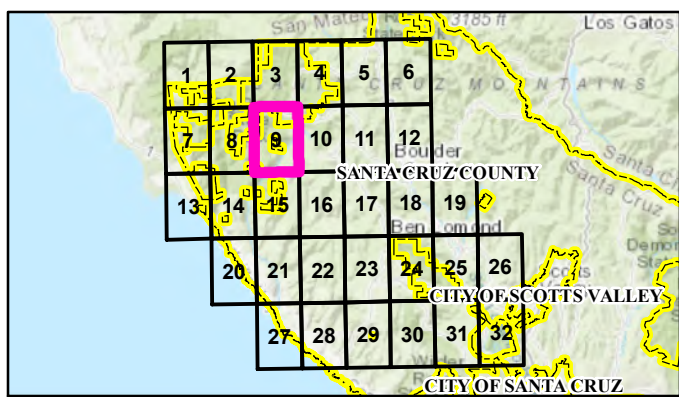
- FEMA Effective Flood Zones
  - Detailed study area
  - Study and Model limits, outside of detailed study area
  - Primary debris flow path (model predicted)
  - Inundation area (water, mud, and/or debris) (model predicted)
  - Uncertain debris flow path, potential breakout flow
  - Building Footprints (2016, estimated)
- Profile Baseline
  - Political Boundary

Notes:  
 1. Imagery: National Agriculture Imagery Program (NAIP)  
 2. Horizontal datum: NAD 1983 StatePlane California 1 Feet  
 3. Vertical Datum: NAVD88

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**ATKINS**

### Floodplain Workmap

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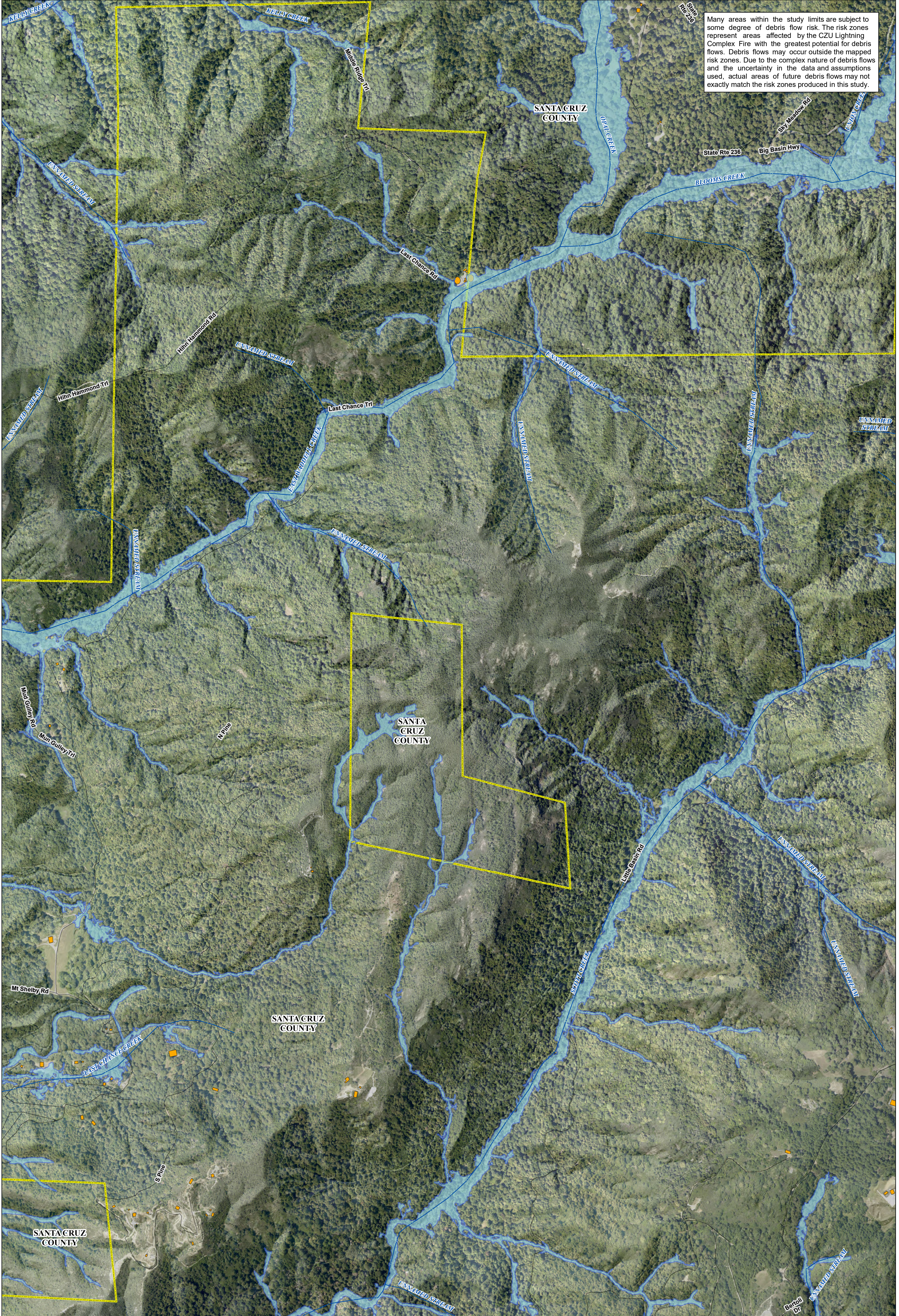
0 250 500 1,000 Feet



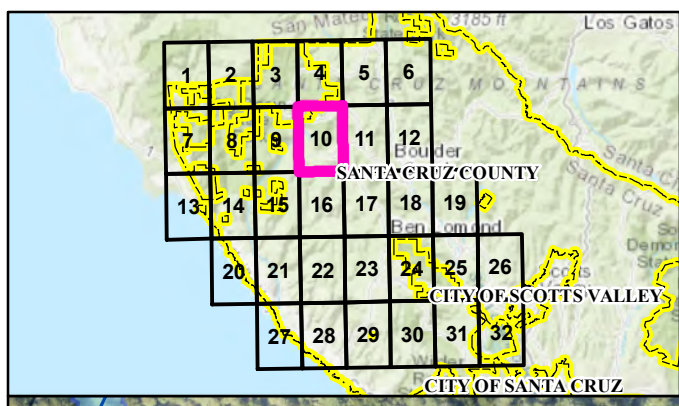
- FEMA Effective Flood Zones
- Detailed study area
- Study and Model limits, outside of detailed study area
- Primary debris flow path (model predicted)
- Inundation area (water, mud, and/or debris) (model predicted)
- Uncertain debris flow path, potential breakout flow
- Building Footprints (2016, estimated)
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- Political Boundary

Notes:  
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2. Horizontal datum: NAD 1983 StatePlane California 1 Feet  
3. Vertical Datum: NAVD88

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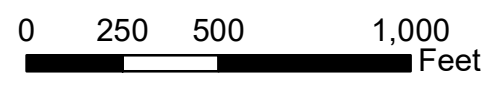




**ATKINS**

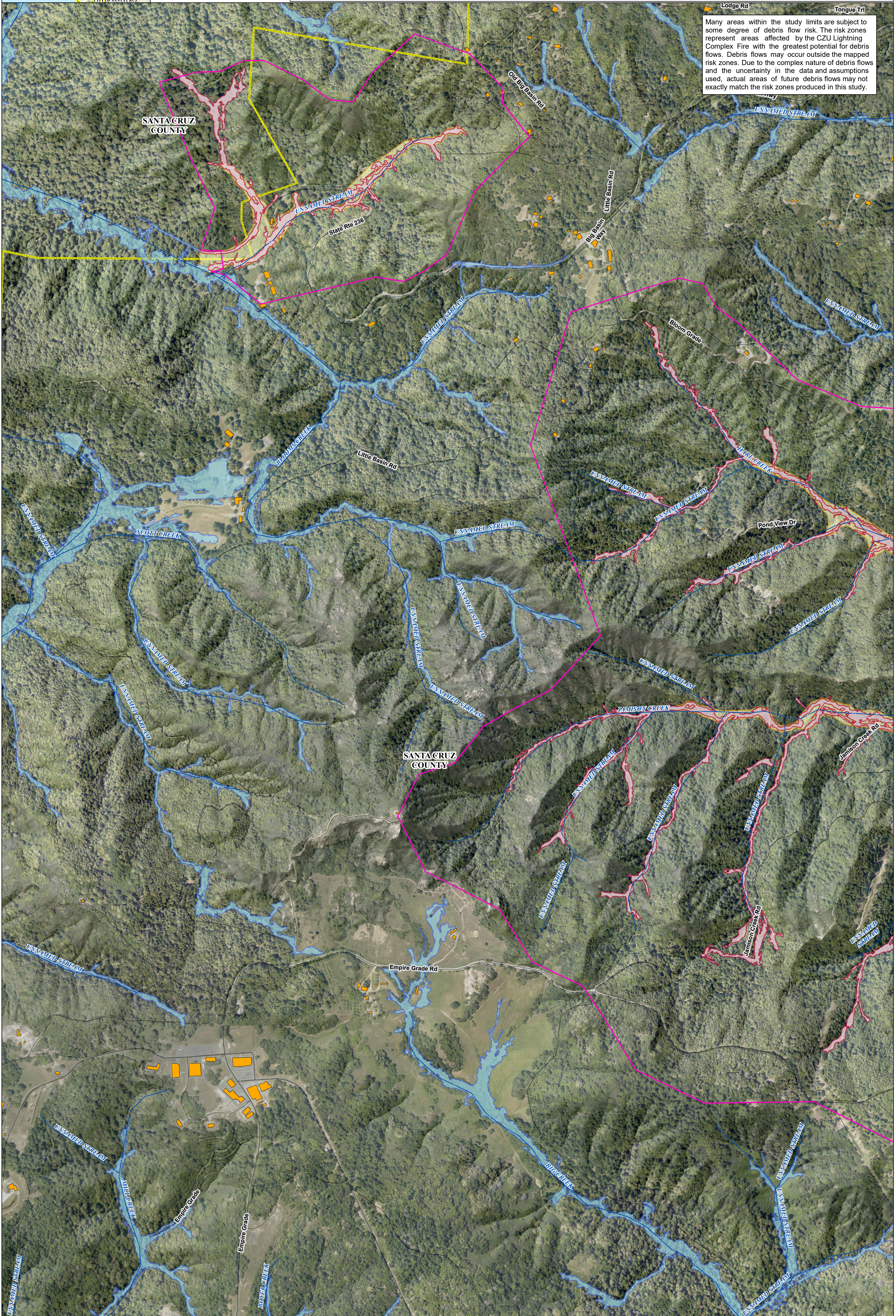
**Floodplain Workmap**

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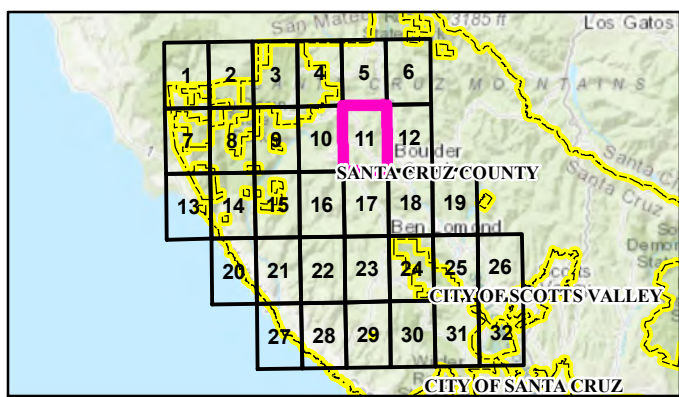
- FEMA Effective Flood Zones
- Detailed study area
- Study and Model limits, outside of detailed study area
- Primary debris flow path (model predicted)
- Inundation area (water, mud, and/or debris) (model predicted)
- Uncertain debris flow path, potential breakout flow
- Building Footprints (2016, estimated)
- Profile Baseline
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Notes:  
 1. Imagery: National Agriculture Imagery Program (NAIP)  
 2. Horizontal datum: NAD 1983 StatePlane California 1 Feet  
 3. Vertical Datum: NAVD88



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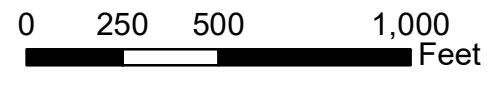




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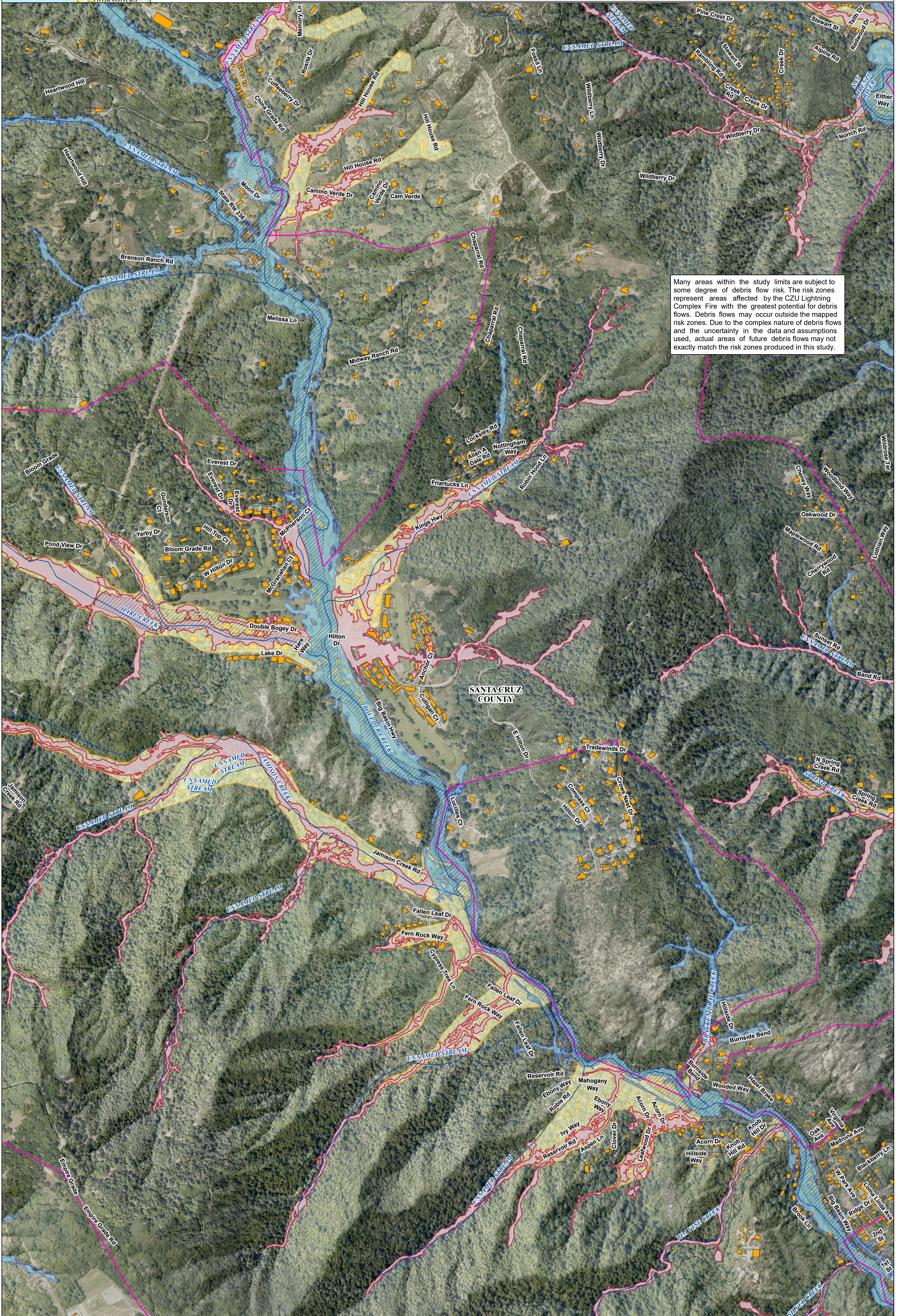
**Floodplain Workmap**

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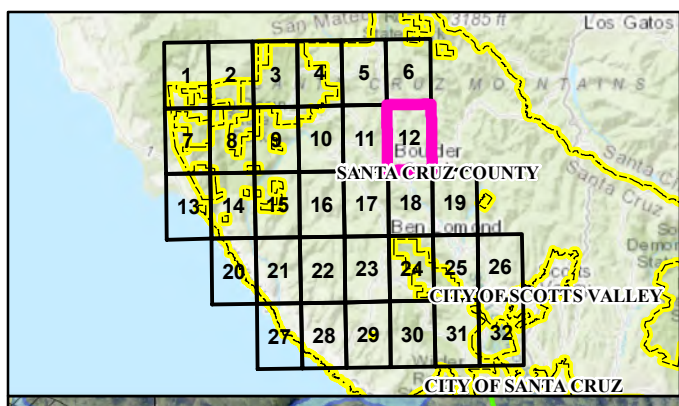
- FEMA Effective Flood Zones
- Detailed study area
- Study and Model limits, outside of detailed study area
- Primary debris flow path (model predicted)
- Inundation area (water, mud, and/or debris) (model predicted)
- Uncertain debris flow path, potential breakout flow
- Building Footprints (2016, estimated)
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- Political Boundary

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 2. Horizontal datum: NAD 1983 StatePlane California 1 Feet  
 3. Vertical Datum: NAVD88



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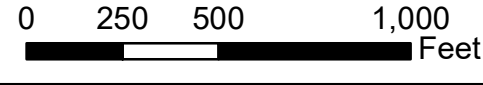




**ATKINS**

**Floodplain Workmap**

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- FEMA Effective Flood Zones
- Detailed study area
- Study and Model limits, outside of detailed study area
- Primary debris flow path (model predicted)
- Inundation area (water, mud, and/or debris) (model predicted)
- Uncertain debris flow path, potential breakout flow
- Building Footprints (2016, estimated)

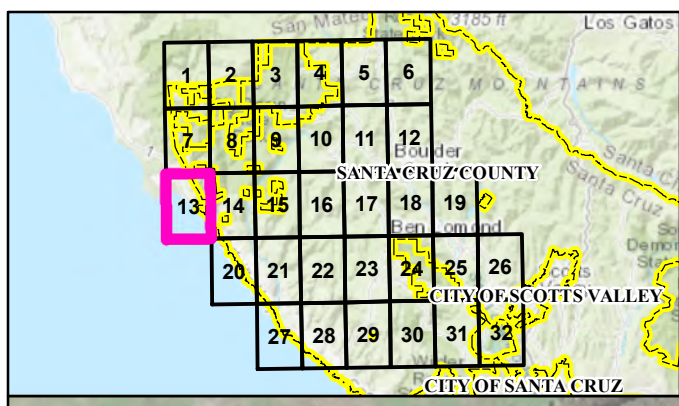
- Profile Baseline
- Political Boundary

Notes:  
 1. Imagery: National Agriculture Imagery Program (NAIP)  
 2. Horizontal datum: NAD 1983 StatePlane California 1 Feet  
 3. Vertical Datum: NAVD88

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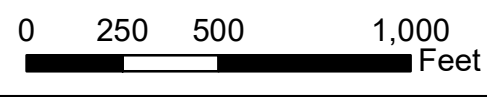




**ATKINS**

**Floodplain Workmap**

Map 13 of 32



- FEMA Effective Flood Zones
- Detailed study area
- Study and Model limits, outside of detailed study area
- Primary debris flow path (model predicted)
- Inundation area (water, mud, and/or debris) (model predicted)
- Uncertain debris flow path, potential breakout flow
- Building Footprints (2016, estimated)
- Profile Baseline
- Political Boundary

Notes:  
 1. Imagery: National Agriculture Imagery Program (NAIP)  
 2. Horizontal datum: NAD 1983 StatePlane California 1 Feet  
 3. Vertical Datum: NAVD88



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SANTA CRUZ COUNTY

SANTA CRUZ COUNTY

SANTA CRUZ COUNTY

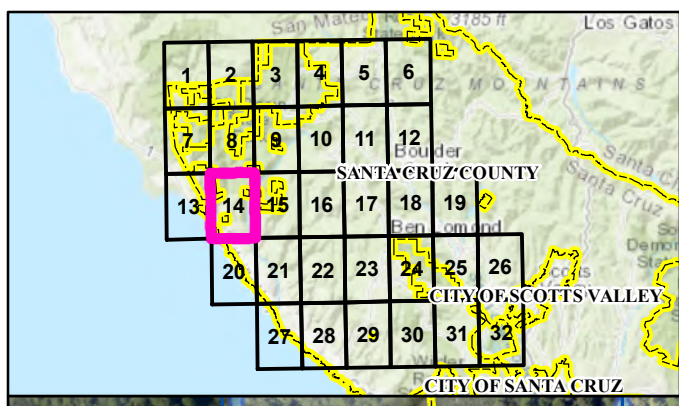
SANTA CRUZ COUNTY

San Lorenzo Creek

Unnamed

Coast Rd - State Rte 1

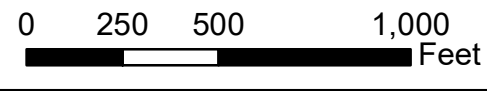




**ATKINS**

**Floodplain Workmap**

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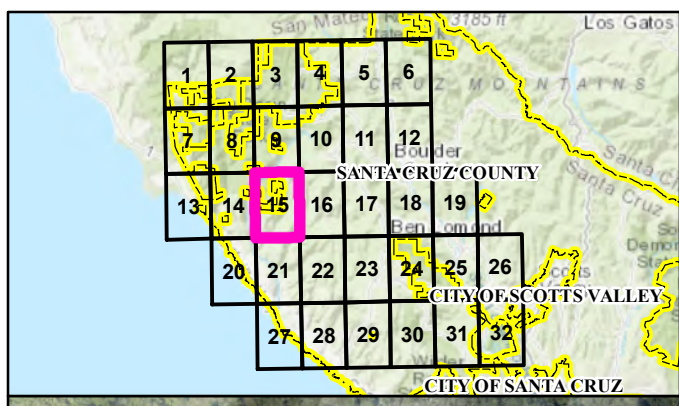
- FEMA Effective Flood Zones
- Detailed study area
- Study and Model limits, outside of detailed study area
- Primary debris flow path (model predicted)
- Inundation area (water, mud, and/or debris) (model predicted)
- Uncertain debris flow path, potential breakout flow
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Notes:  
 1. Imagery: National Agriculture Imagery Program (NAIP)  
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 3. Vertical Datum: NAVD88

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**ATKINS**

**Floodplain Workmap**

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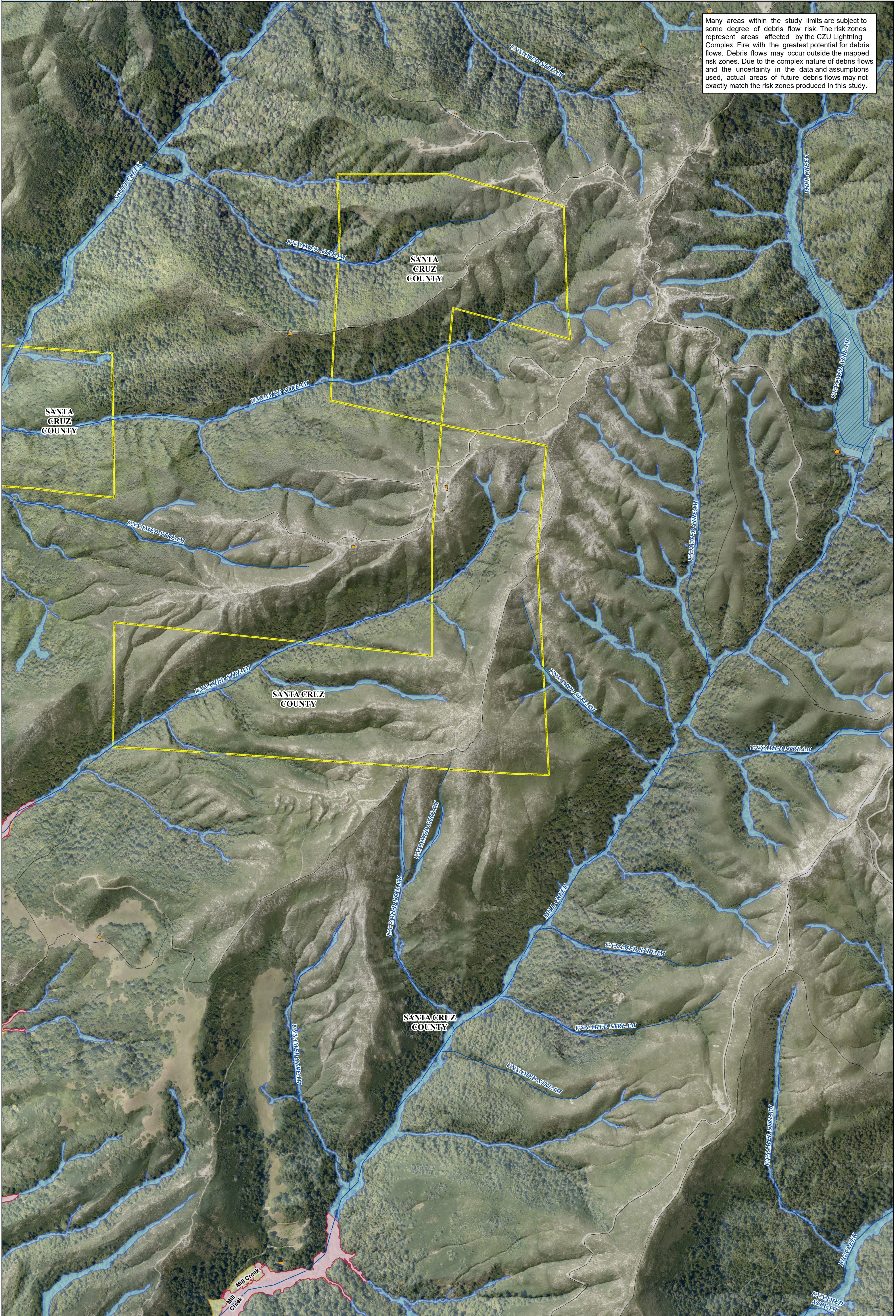


0 250 500 1,000  
Feet

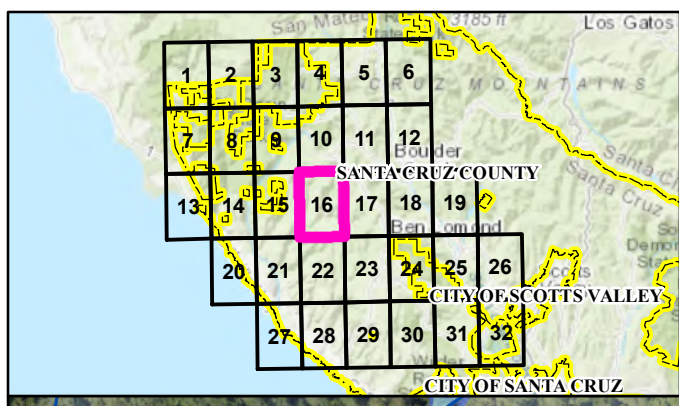
- FEMA Effective Flood Zones
- Detailed study area
- Study and Model limits, outside of detailed study area
- Primary debris flow path (model predicted)
- Inundation area (water, mud, and/or debris) (model predicted)
- Uncertain debris flow path, potential breakout flow
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 2. Horizontal datum: NAD 1983 StatePlane California 1 Feet  
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**ATKINS**

**Floodplain Workmap**

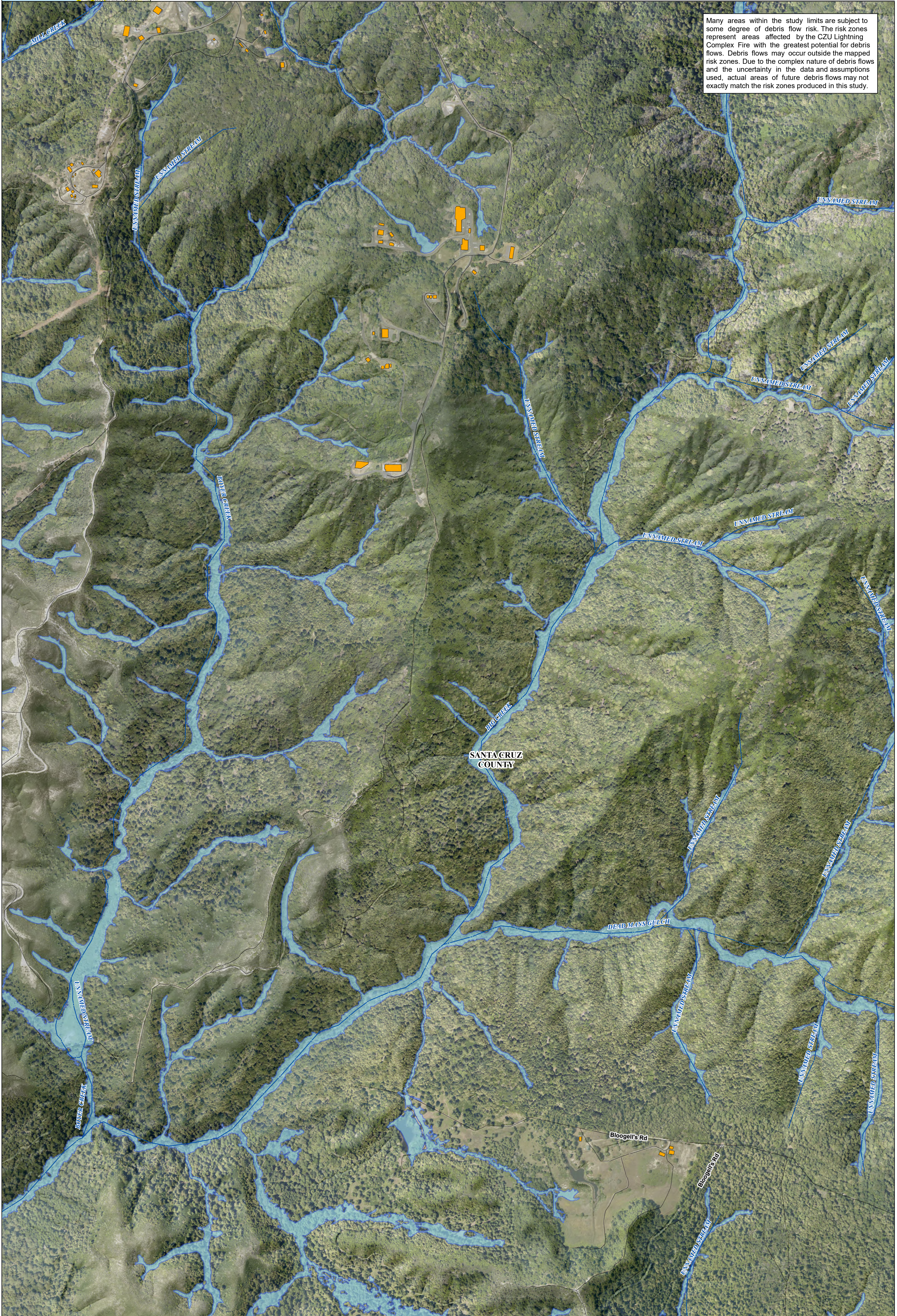
Map 16 of 32



0 250 500 1,000  
Feet

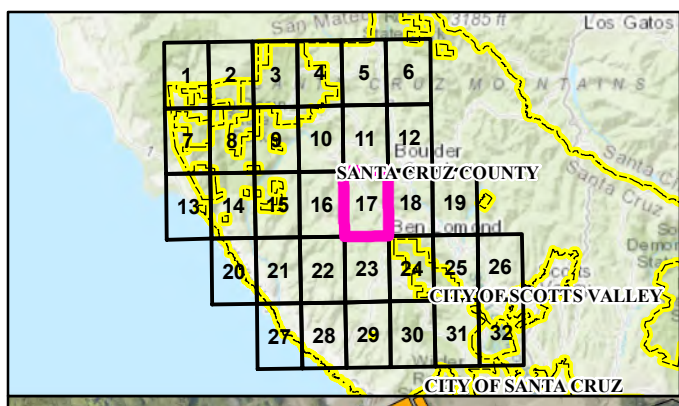
- FEMA Effective Flood Zones
- Detailed study area
- Study and Model limits, outside of detailed study area
- Primary debris flow path (model predicted)
- Inundation area (water, mud, and/or debris) (model predicted)
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Notes:  
 1. Imagery: National Agriculture Imagery Program (NAIP)  
 2. Horizontal datum: NAD 1983 StatePlane California I Feet  
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**ATKINS**

**Floodplain Workmap**

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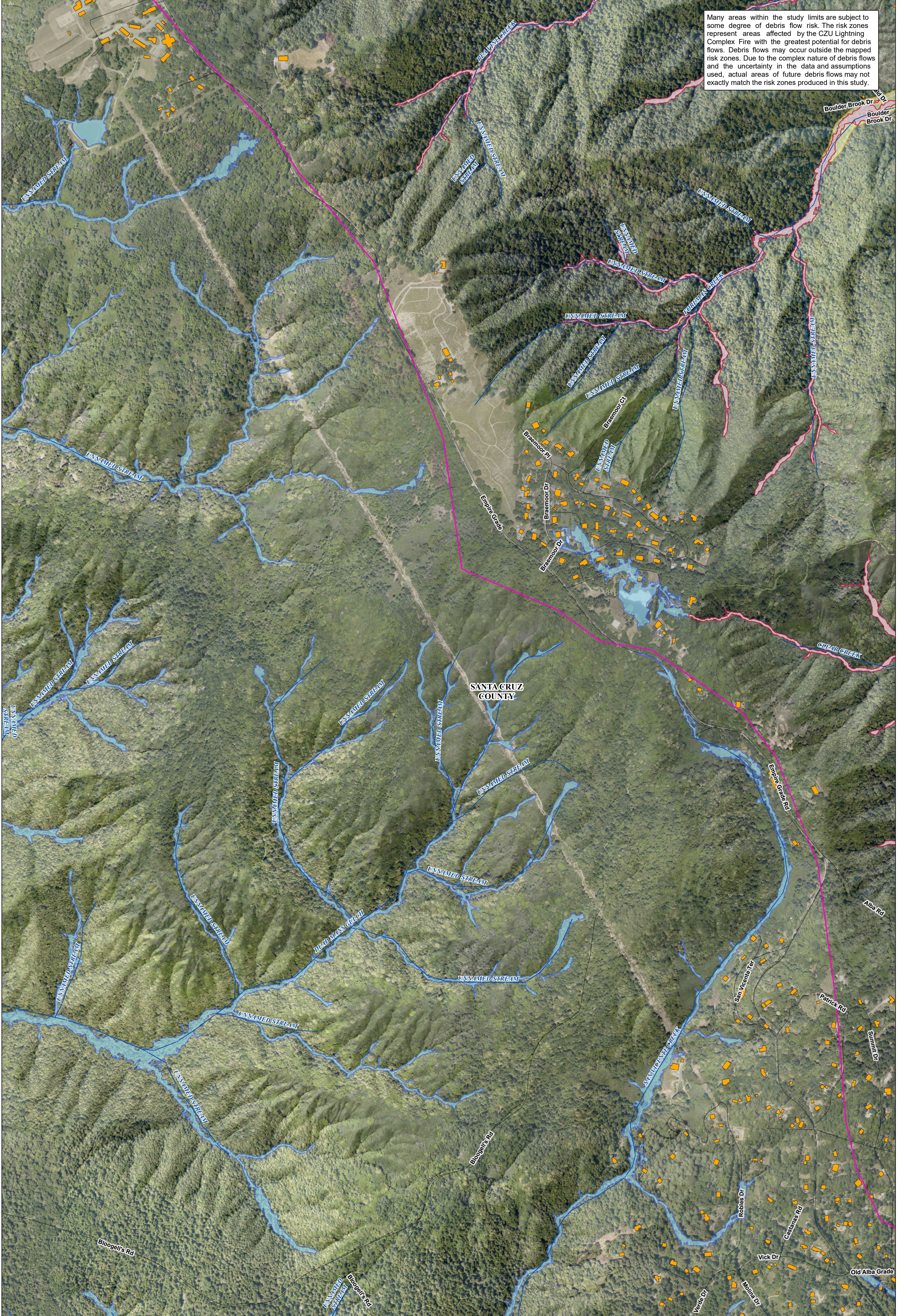


0 250 500 1,000  
Feet

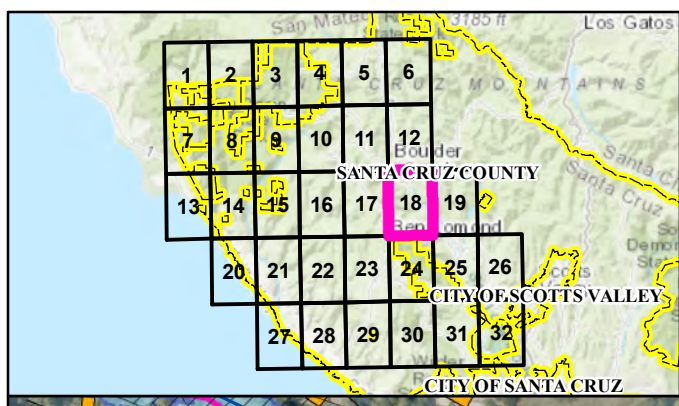
- FEMA Effective Flood Zones
- Detailed study area
- Study and Model limits, outside of detailed study area
- Primary debris flow path (model predicted)
- Inundation area (water, mud, and/or debris) (model predicted)
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Notes:  
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**ATKINS**

**Floodplain Workmap**

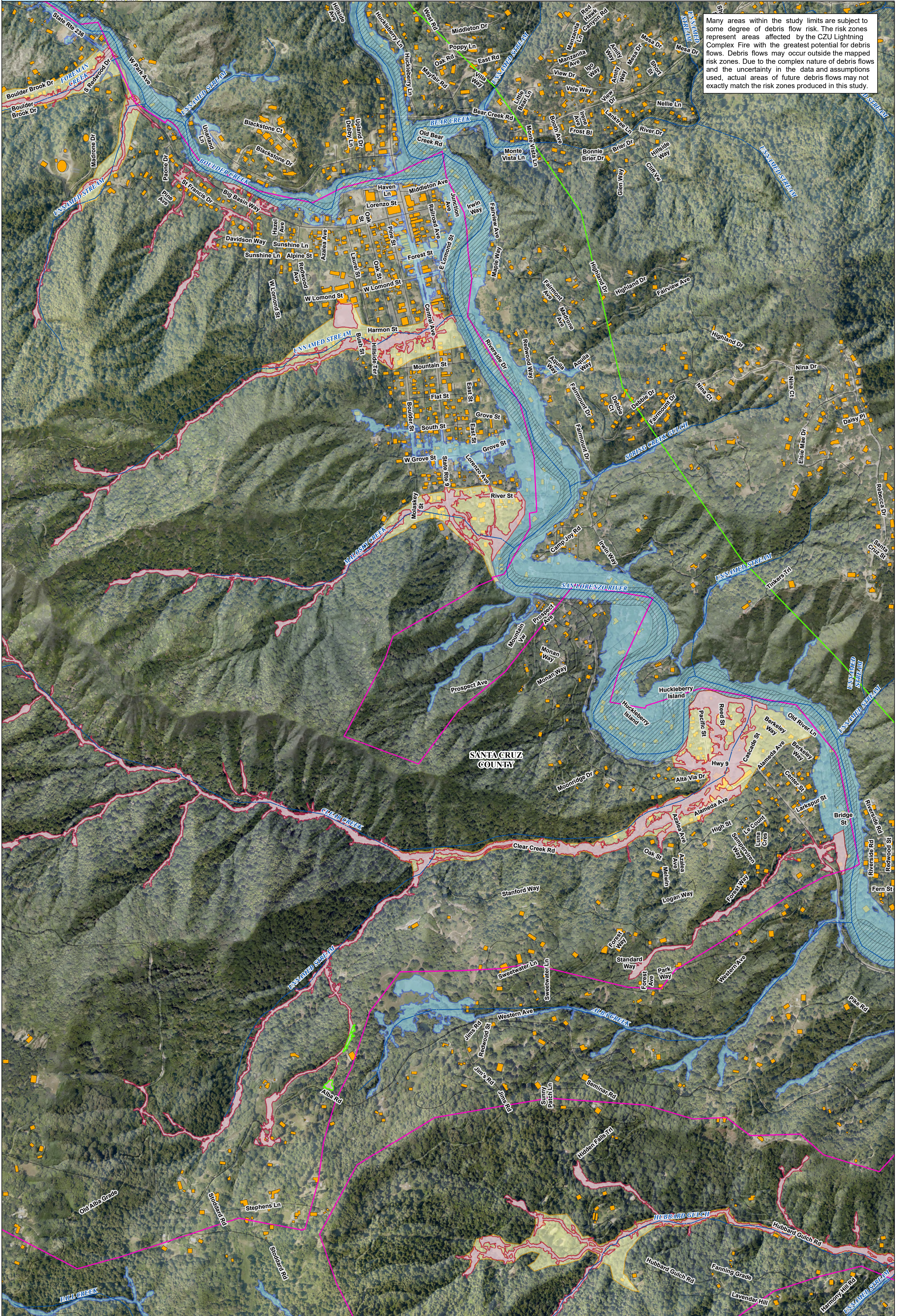
Map 18 of 32



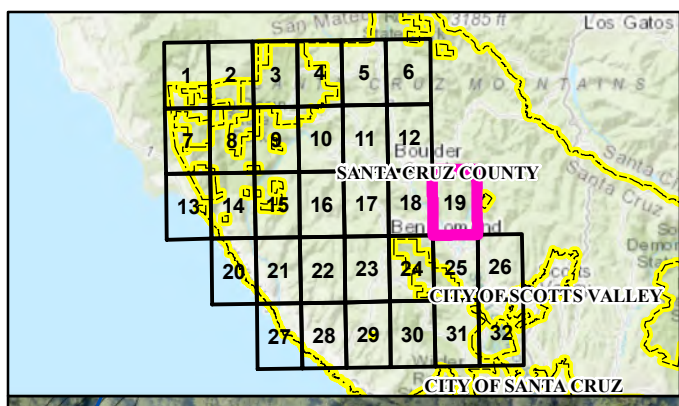
- FEMA Effective Flood Zones
- Detailed study area
- Study and Model limits, outside of detailed study area
- Primary debris flow path (model predicted)
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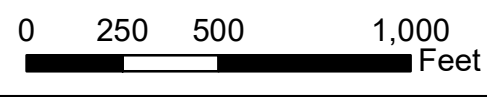




**ATKINS**

**Floodplain Workmap**

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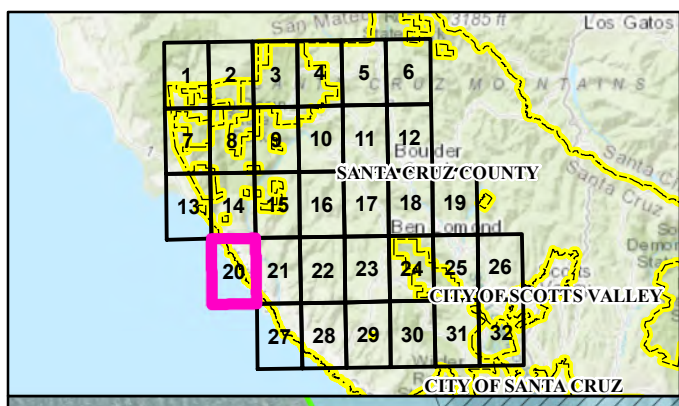
- FEMA Effective Flood Zones
- Detailed study area
- Study and Model limits, outside of detailed study area
- Primary debris flow path (model predicted)
- Inundation area (water, mud, and/or debris) (model predicted)
- Uncertain debris flow path, potential breakout flow
- Building Footprints (2016, estimated)
- Profile Baseline
- Political Boundary

Notes:  
 1. Imagery: National Agriculture Imagery Program (NAIP)  
 2. Horizontal datum: NAD 1983 StatePlane California 1 Feet  
 3. Vertical Datum: NAVD88

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








**ATKINS**

**Floodplain Workmap**

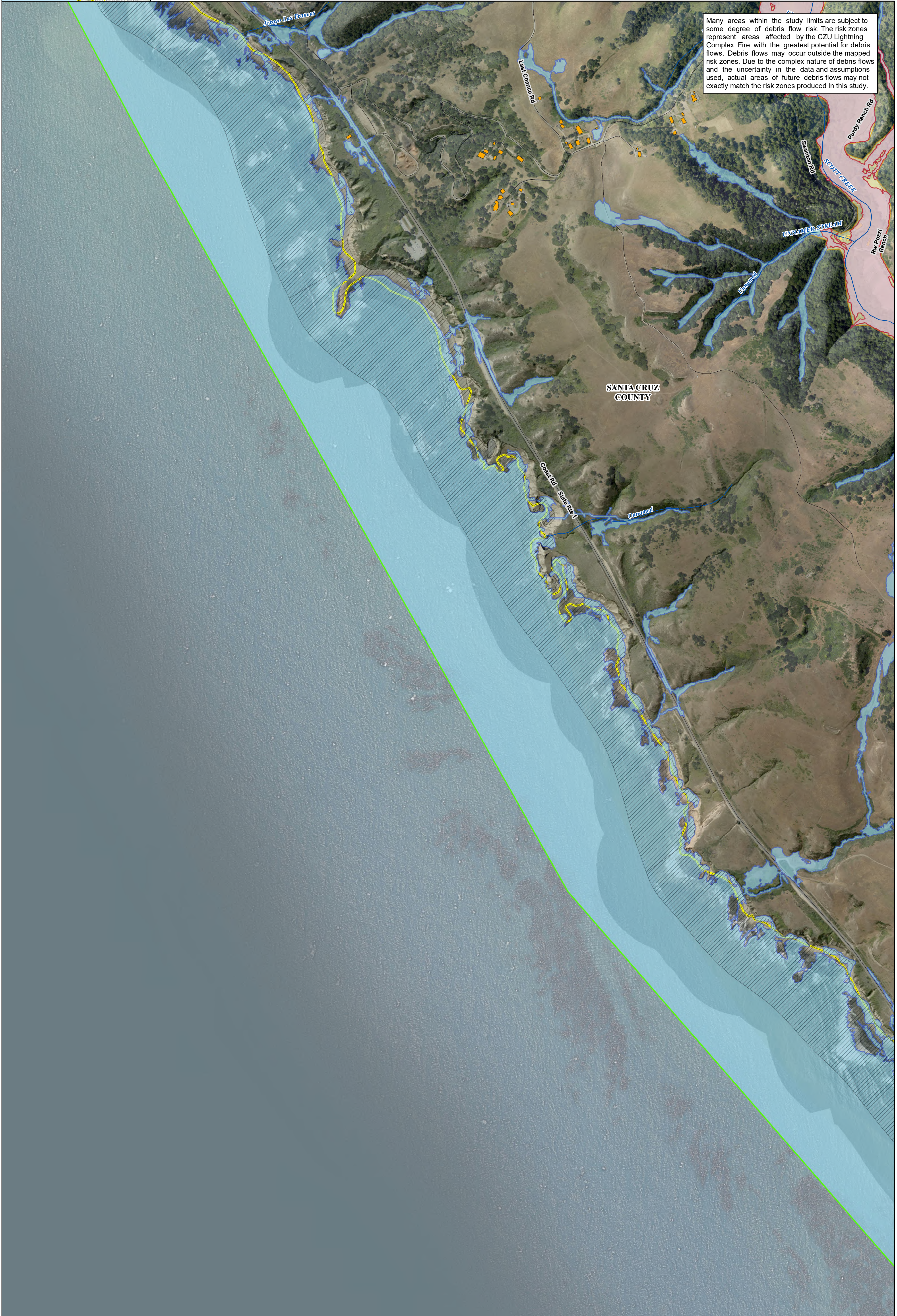
Map 20 of 32



0 250 500 1,000 Feet

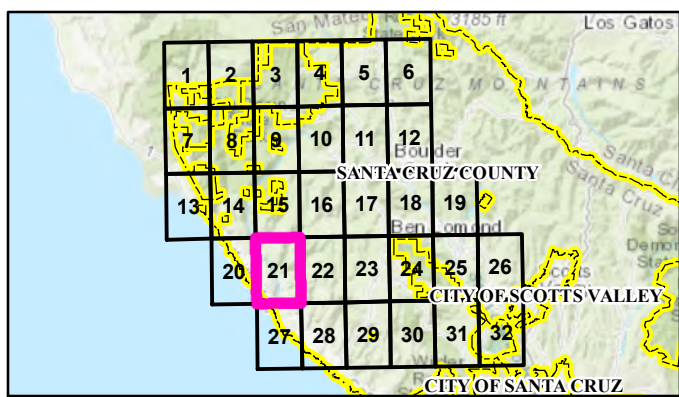
-  FEMA Effective Flood Zones
-  Detailed study area
-  Study and Model limits, outside of detailed study area
-  Primary debris flow path (model predicted)
-  Inundation area (water, mud, and/or debris) (model predicted)
-  Uncertain debris flow path, potential breakout flow
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Notes:  
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**Floodplain Workmap**

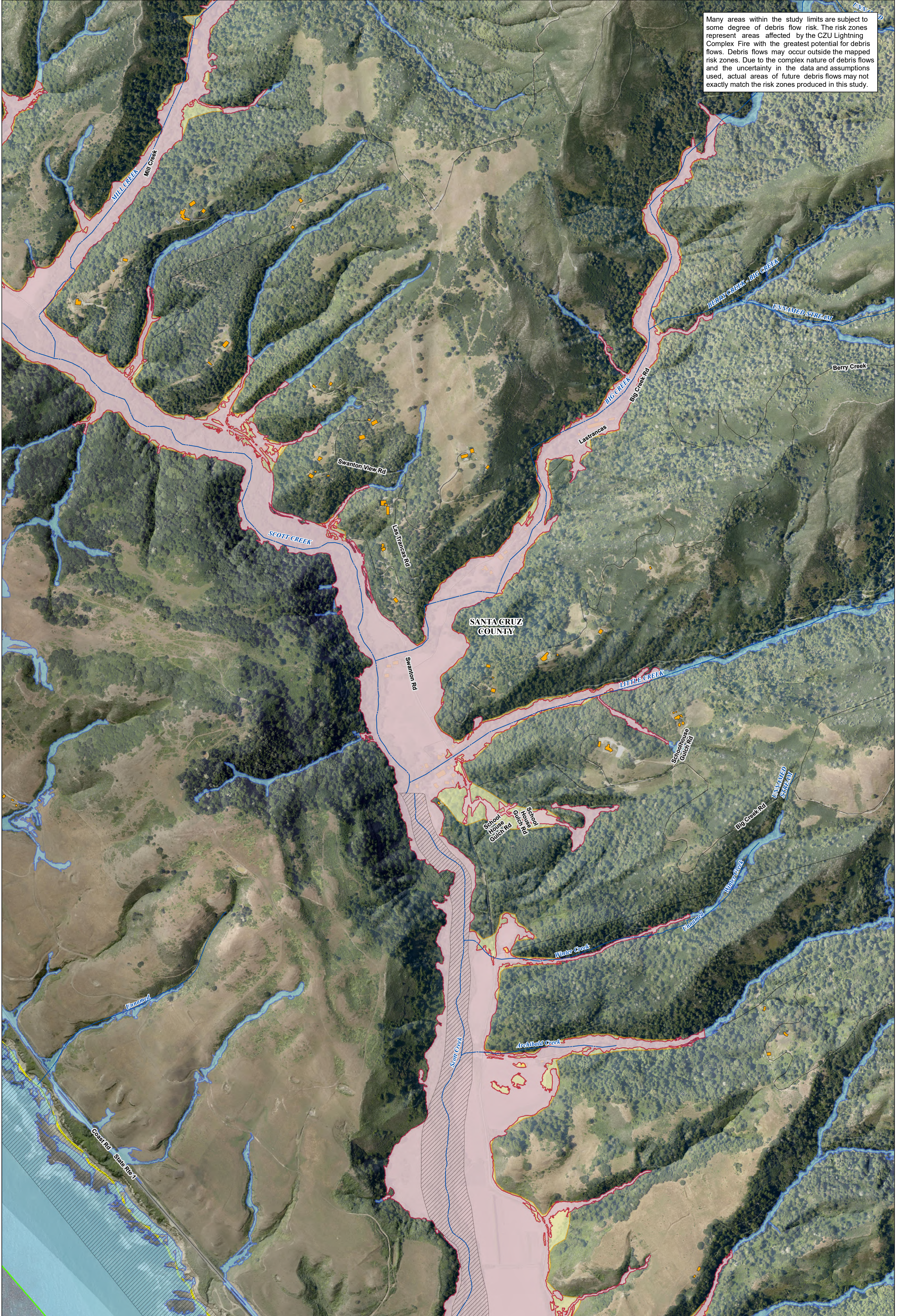
Map 21 of 32



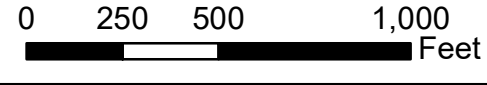
- FEMA Effective Flood Zones
- Detailed study area
- Study and Model limits, outside of detailed study area
- Primary debris flow path (model predicted)
- Inundation area (water, mud, and/or debris) (model predicted)
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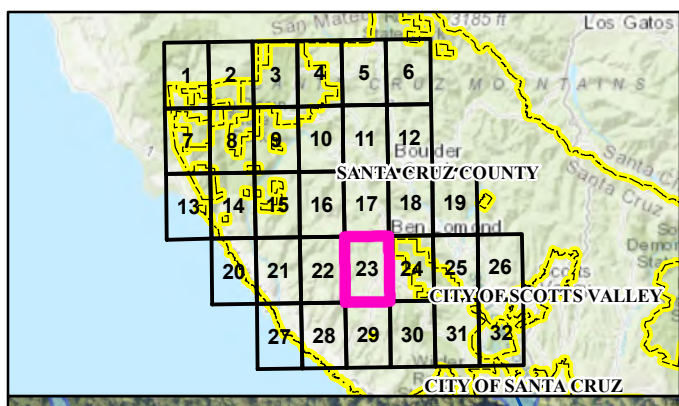
- FEMA Effective Flood Zones
  - Detailed study area
  - Study and Model limits, outside of detailed study area
  - Primary debris flow path (model predicted)
  - Inundation area (water, mud, and/or debris) (model predicted)
  - Uncertain debris flow path, potential breakout flow
  - Building Footprints (2016, estimated)
- Profile Baseline
  - Political Boundary

Notes:  
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 3. Vertical Datum: NAVD88

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**Floodplain Workmap**

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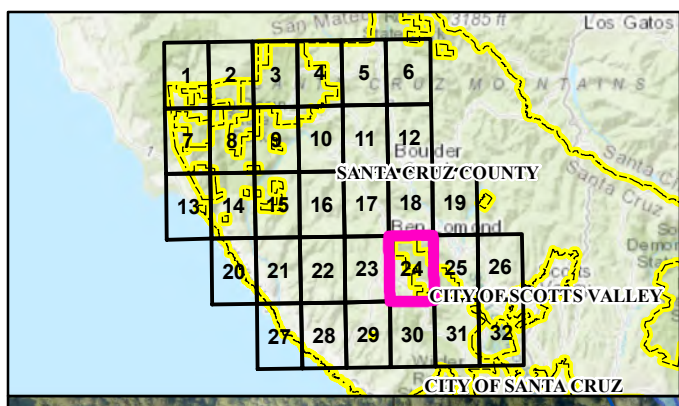
- FEMA Effective Flood Zones
- Detailed study area
- Study and Model limits, outside of detailed study area
- Primary debris flow path (model predicted)
- Inundation area (water, mud, and/or debris) (model predicted)
- Uncertain debris flow path, potential breakout flow
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Notes:  
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**ATKINS**

**Floodplain Workmap**

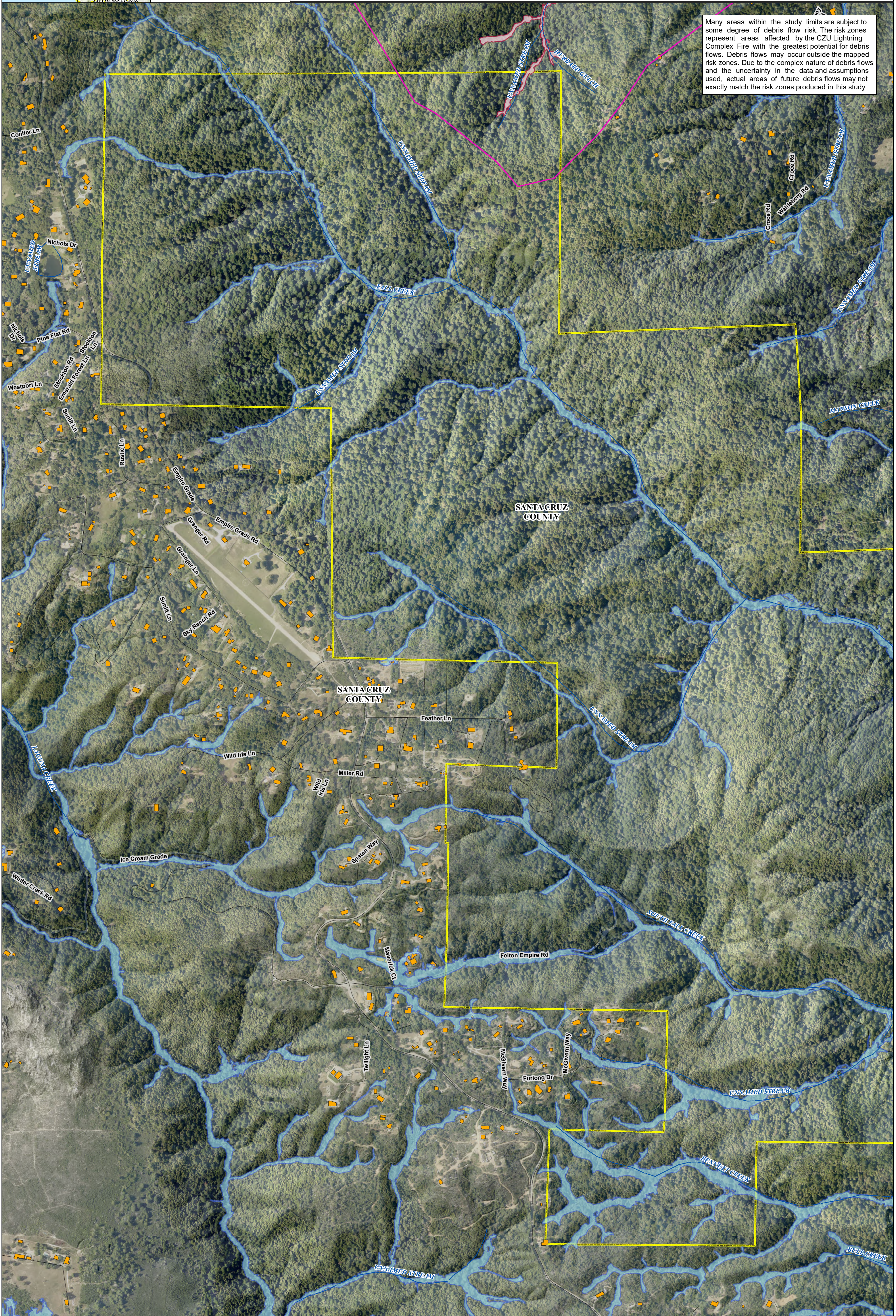
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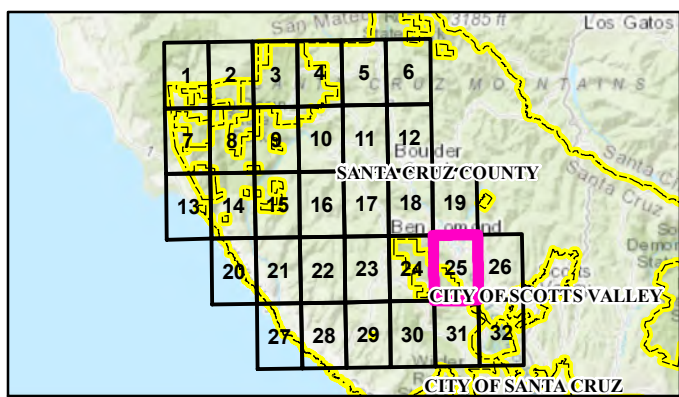
- FEMA Effective Flood Zones
- Detailed study area
- Study and Model limits, outside of detailed study area
- Primary debris flow path (model predicted)
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Notes:  
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**ATKINS**

**Floodplain Workmap**

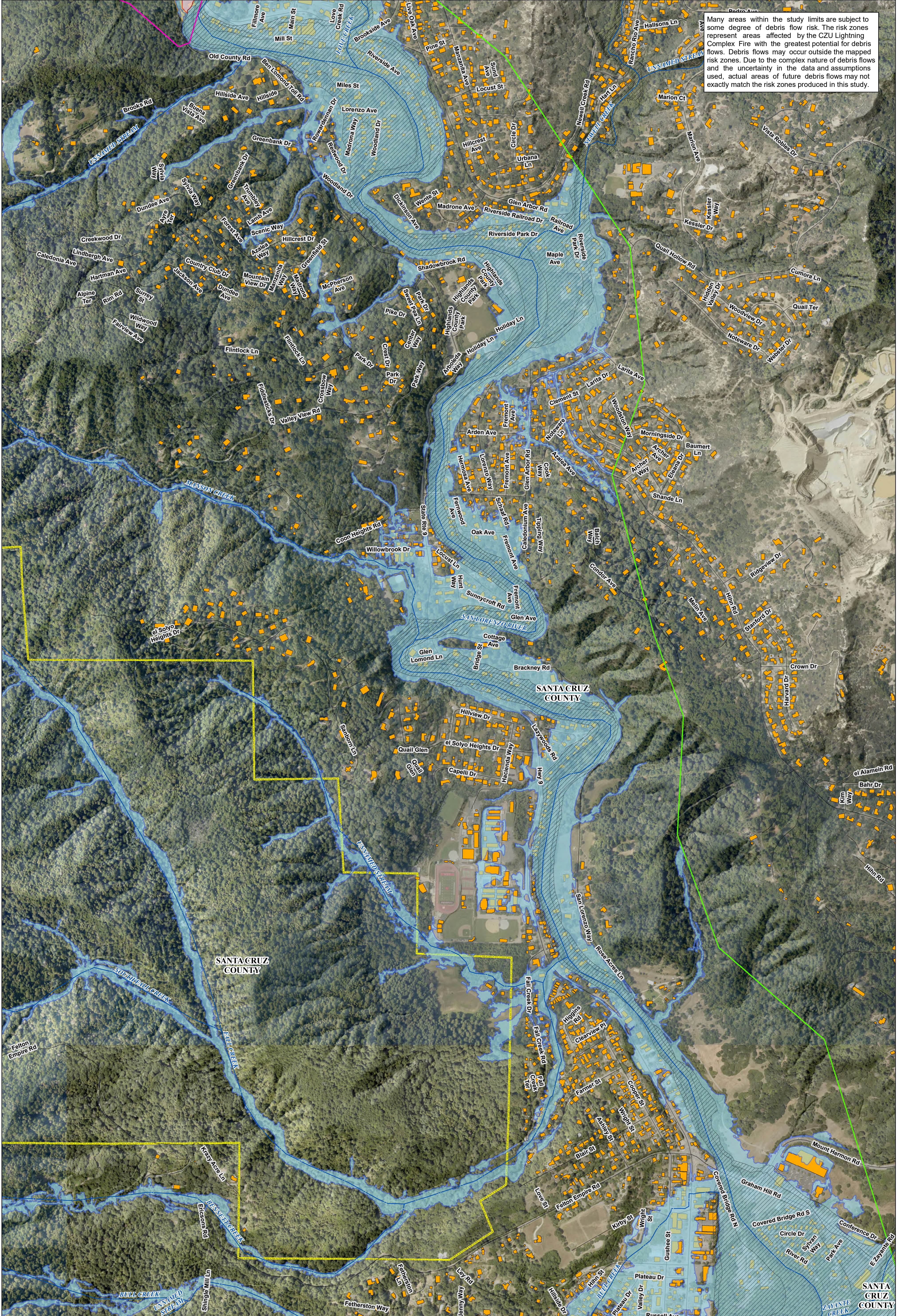
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- FEMA Effective Flood Zones
  - Detailed study area
  - Study and Model limits, outside of detailed study area
  - Primary debris flow path (model predicted)
  - Inundation area (water, mud, and/or debris) (model predicted)
  - Uncertain debris flow path, potential breakout flow
  - Building Footprints (2016, estimated)
- Profile Baseline
  - Political Boundary

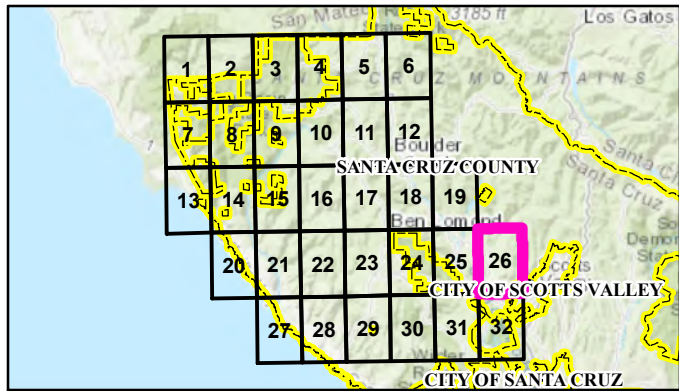
Notes:  
 1. Imagery: National Agriculture Imagery Program (NAIP)  
 2. Horizontal datum: NAD 1983 StatePlane California 1 Feet  
 3. Vertical Datum: NAVD88

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SANTA CRUZ COUNTY

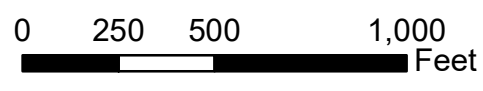




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**Floodplain Workmap**

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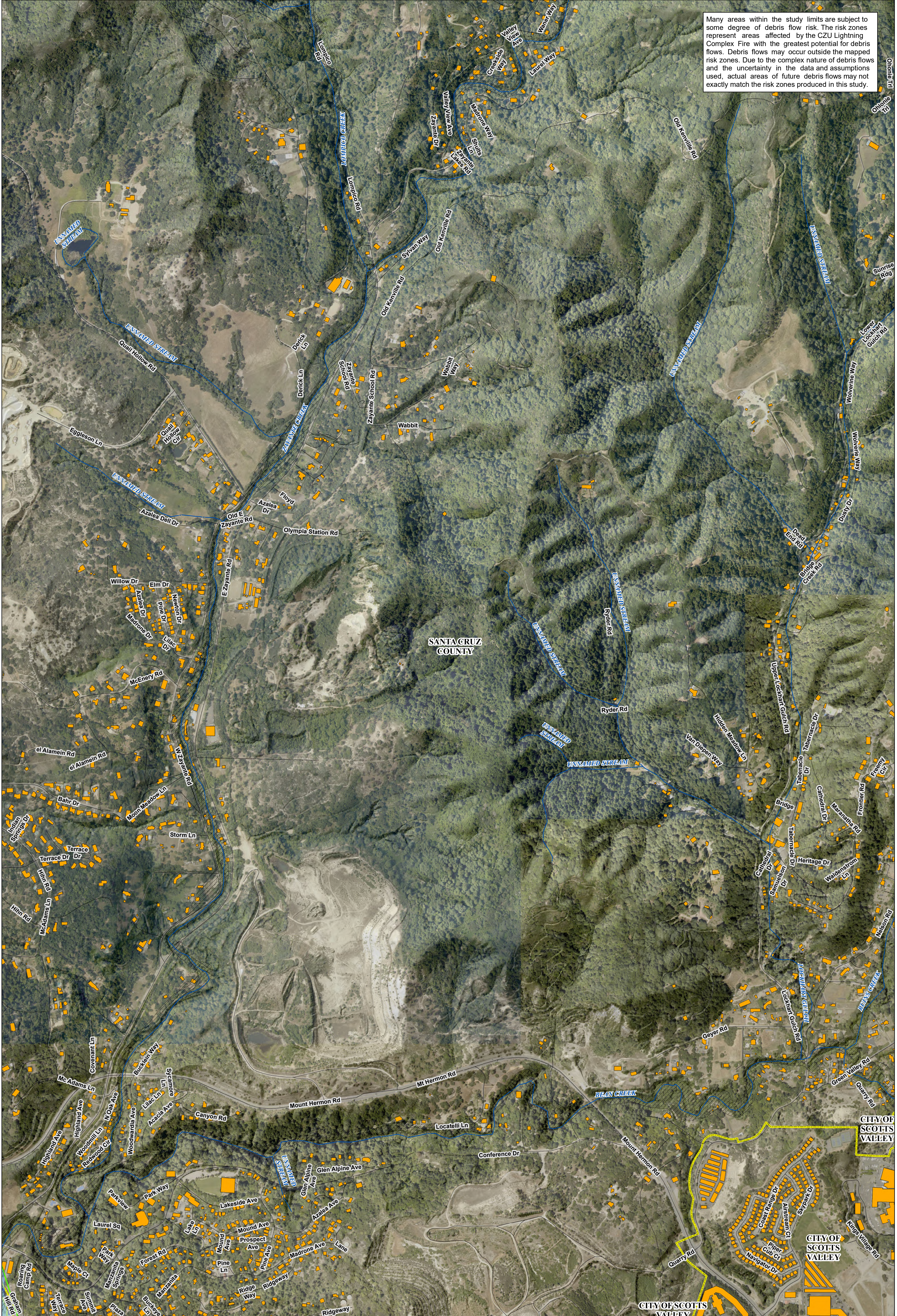


- FEMA Effective Flood Zones
- Detailed study area
- Study and Model limits, outside of detailed study area
- Primary debris flow path (model predicted)
- Inundation area (water, mud, and/or debris) (model predicted)
- Uncertain debris flow path, potential breakout flow
- Building Footprints (2016, estimated)

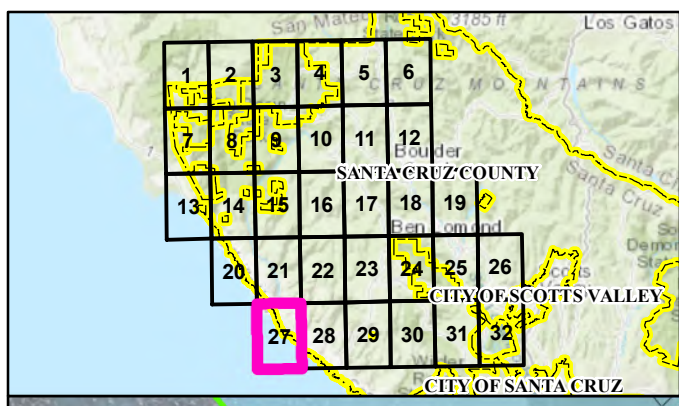
- Profile Baseline
- Political Boundary

Notes:  
 1. Imagery: National Agriculture Imagery Program (NAIP)  
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### Floodplain Workmap

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0 250 500 1,000 Feet

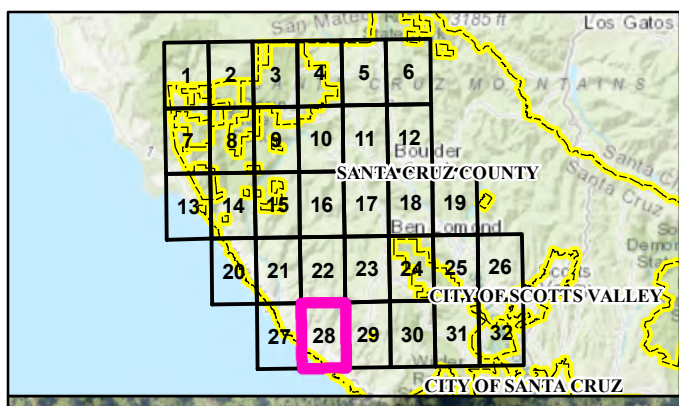
- FEMA Effective Flood Zones
- Detailed study area
- Study and Model limits, outside of detailed study area
- Primary debris flow path (model predicted)
- Inundation area (water, mud, and/or debris) (model predicted)
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**Floodplain Workmap**

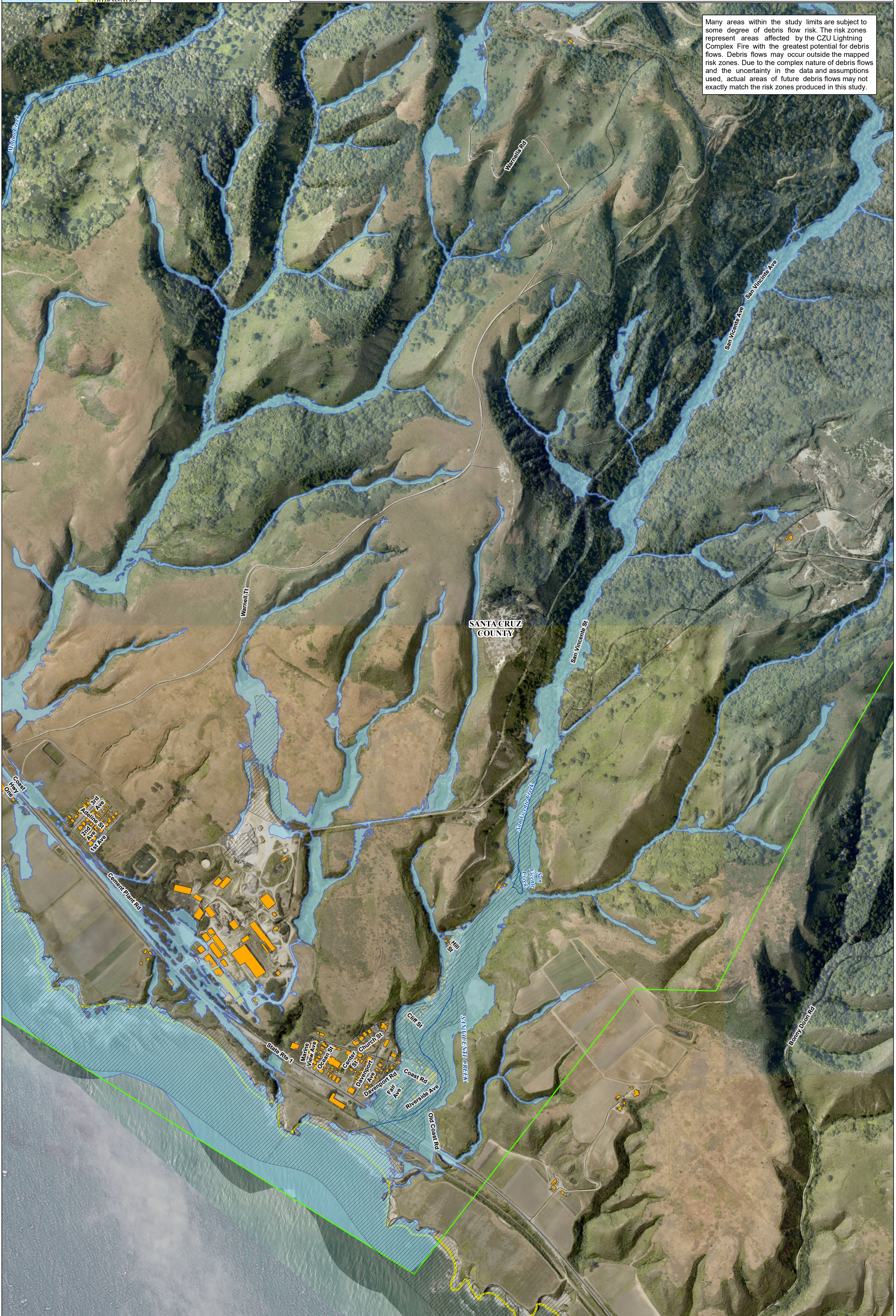
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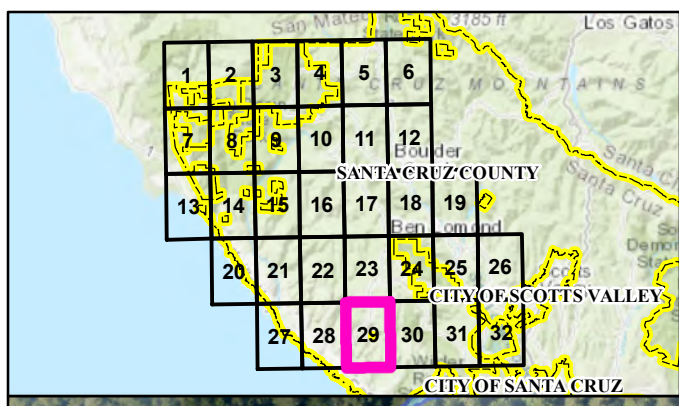
- FEMA Effective Flood Zones
- Detailed study area
- Study and Model limits, outside of detailed study area
- Primary debris flow path (model predicted)
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**Floodplain Workmap**

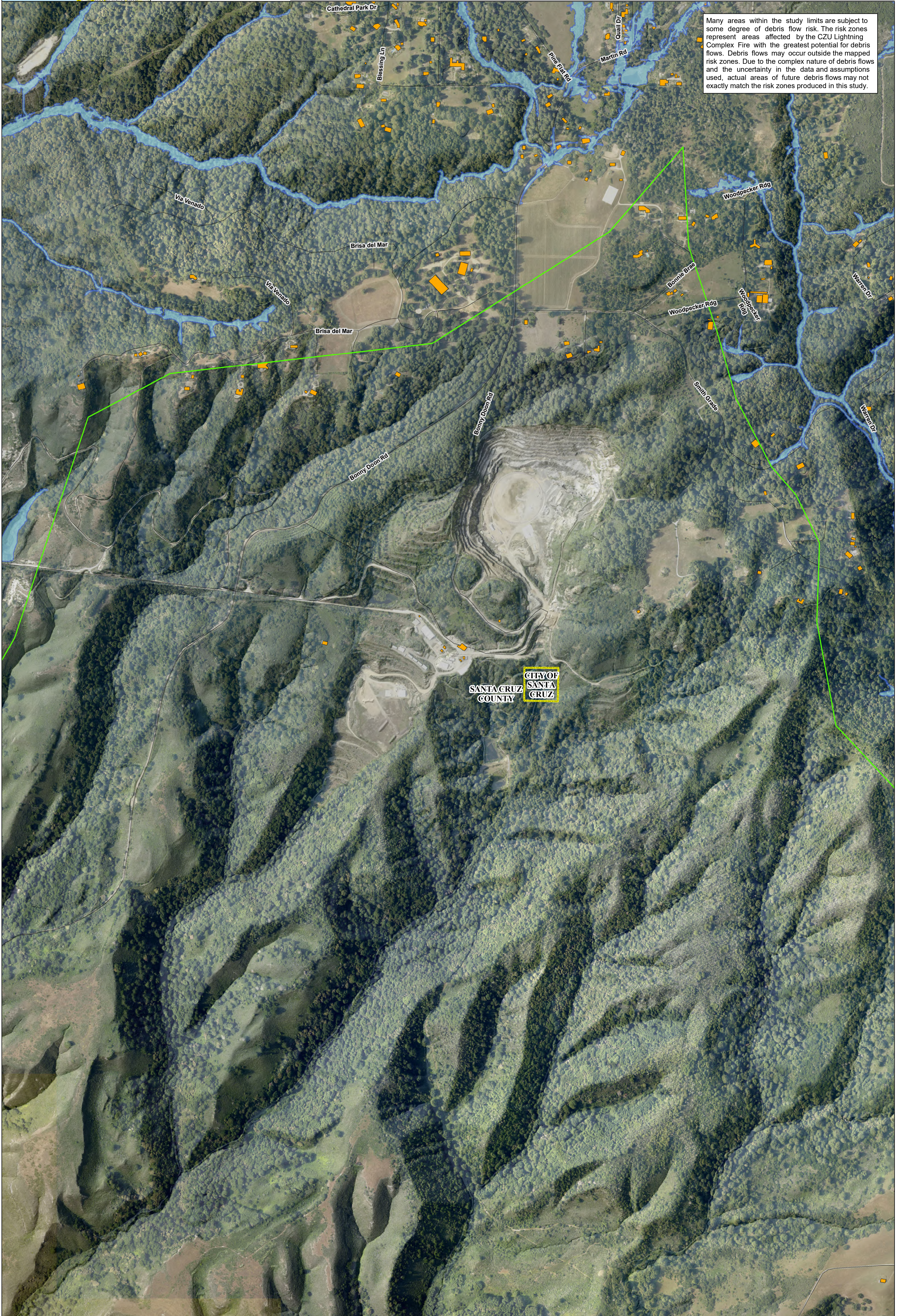
Map 29 of 32



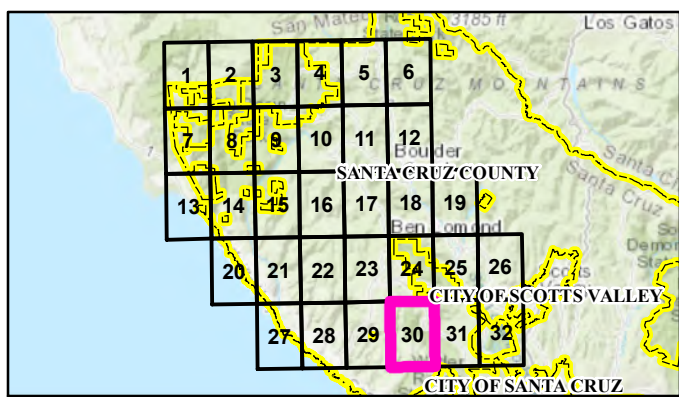
- FEMA Effective Flood Zones
- Detailed study area
- Study and Model limits, outside of detailed study area
- Primary debris flow path (model predicted)
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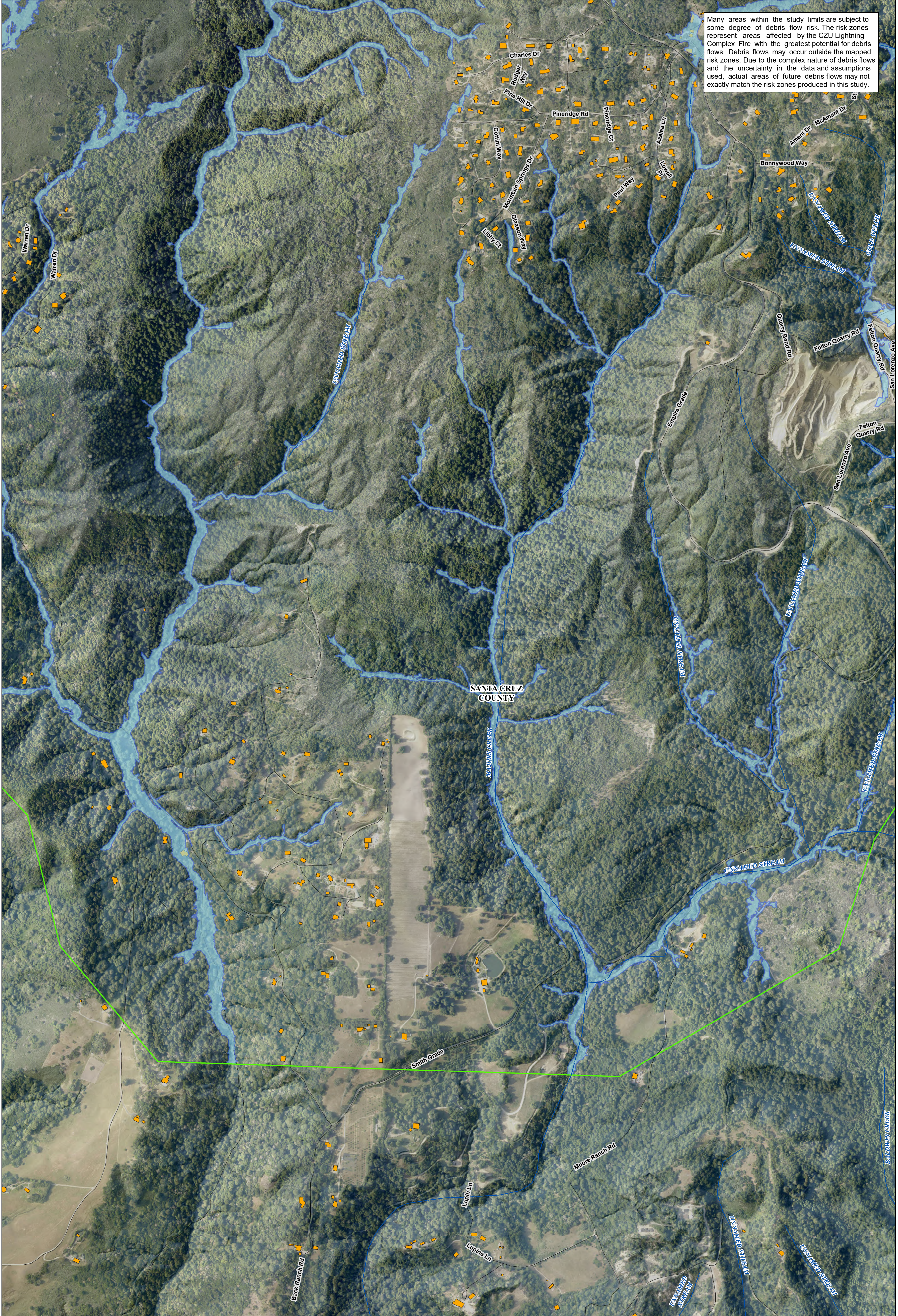
**Floodplain Workmap**

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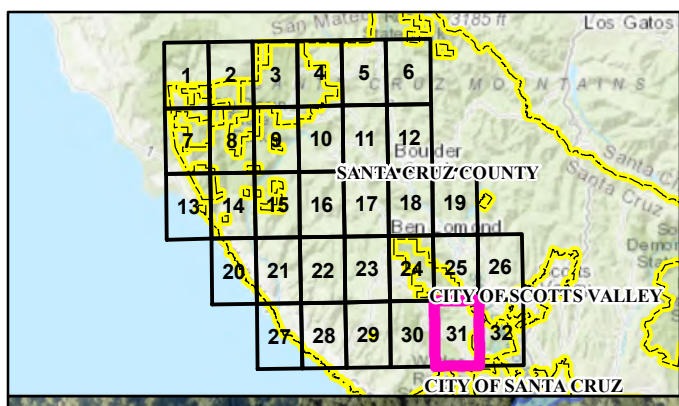
- FEMA Effective Flood Zones
- Detailed study area
- Study and Model limits, outside of detailed study area
- Primary debris flow path (model predicted)
- Inundation area (water, mud, and/or debris) (model predicted)
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Notes:  
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 2. Horizontal datum: NAD 1983 StatePlane California I Feet  
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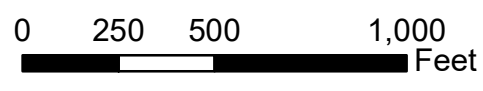




**ATKINS**

**Floodplain Workmap**

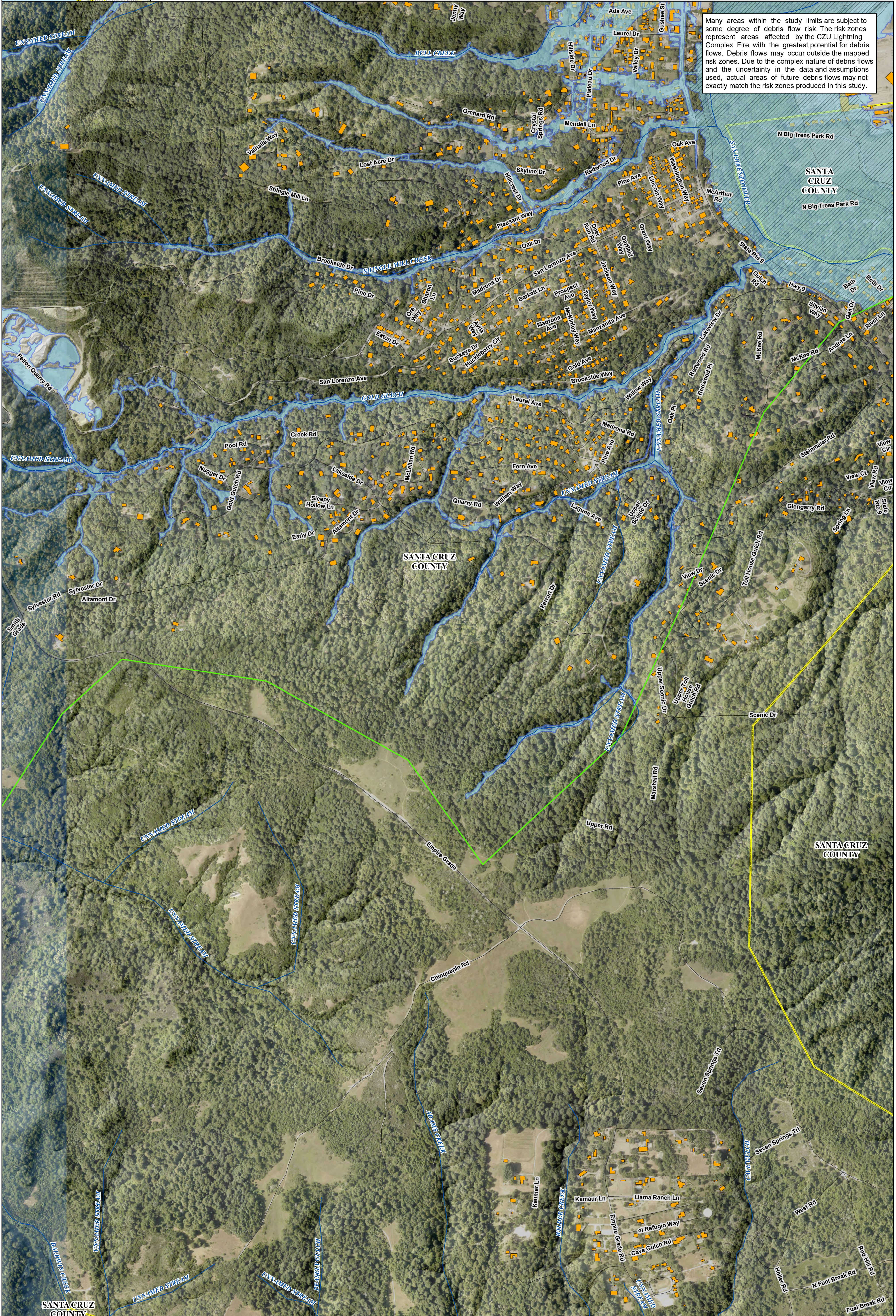
Map 31 of 32



- FEMA Effective Flood Zones
- Detailed study area
- Study and Model limits, outside of detailed study area
- Primary debris flow path (model predicted)
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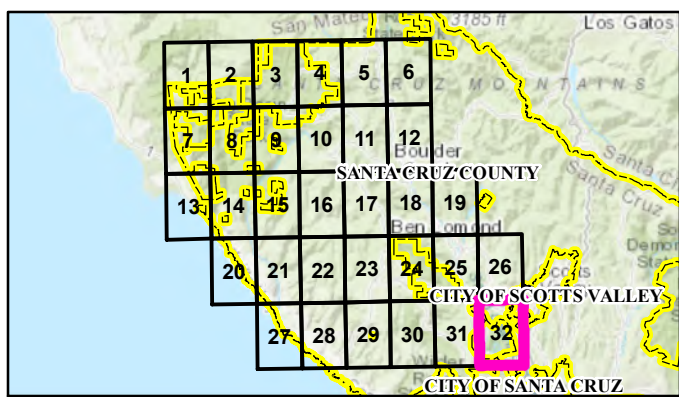


SANTA CRUZ COUNTY

SANTA CRUZ COUNTY

SANTA CRUZ COUNTY

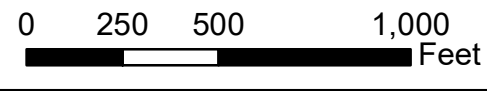




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**Floodplain Workmap**

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- FEMA Effective Flood Zones
- Detailed study area
- Study and Model limits, outside of detailed study area
- Primary debris flow path (model predicted)
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