

# Appendix 11. Tabulated Observations and Photographs of Ground Deformation Produced by the $M_w$ 6.0 South Napa Earthquake of August 24, 2014—Ridge-Top Fractures

## Introduction

The following pages contain maps and tables of descriptions, slip measurements, and photographs of ground deformation features obtained in the field at observation stations located in regions H and K. Station locations are shown as circles in figures 11.1 and 11.2 and labeled by the Station ID number. To aid in locating a specific observation station, IDs increase numerically from south to north. Where multiple observations occur at the exact same locality, IDs are shown as a range (for example 200–202 identifies stations 200, 201, and 202 all at the same location). Where stations are too closely spaced to be individually labeled in the figures, a single label is used for a group of stations, with the IDs or groups of IDs listed in a vertical column and the label leader pointing to the approximate midpoint of the group of closely spaced stations. Mappable fault rupture and surface deformation features are symbolized on the included maps as described in appendix 1.

Observations and (or) photographs collected at each station are tabulated by Station ID. Where stations occur at the same locality, earlier observations are listed first. Photographs taken at an observation station, if any, follow the station attribute information; high resolution images can be downloaded by clicking on the associated links. Station and photograph attributes are described in detail in appendix 1.



<b>Station ID: 862</b>				<b>Observer: Ponti</b>
<b>Observation Date</b>	<b>Latitude</b>	<b>Longitude</b>	<b>Offset Feature</b>	<b>Inferred Origin</b>
2014:09:18	38.33120	122.35071	Soil	Uncertain
<b>Photographer</b>	<b>Camera Coordinates</b>		<b>Photograph Date</b>	
Ponti	38.33125	122.35067	2014:09:18 14:32:33	

High Resolution Photograph



<b>Station ID: 863</b>				<b>Observer: Ponti</b>
<b>Observation Date</b>	<b>Latitude</b>	<b>Longitude</b>	<b>Offset Feature</b>	<b>Inferred Origin</b>
2014:09:17	38.33160	122.35157	Soil	Uncertain
<b>Description</b>				
Tension crack; intermittent along mapped trend. Minimal separation.				

<b>Station ID: 864</b>				<b>Observer: Ponti</b>		
<b>Observation Date</b>	<b>Latitude</b>	<b>Longitude</b>	<b>Offset Feature</b>	<b>Inferred Origin</b>		
2014:09:17	38.33161	122.35159	Soil	Uncertain		
<b>Description</b>						
Vector length=1.5 cm. Vector plunge=10 deg. Vector azimuth=242 deg.						
<b>Fault Azimuth</b>	<b>Strike Slip</b>	<b>Strike-slip Sense</b>	<b>Extension</b>	<b>Compression</b>	<b>Vertical</b>	<b>Upthrown Side</b>
330**	0.05**	RL	1.5**		0.3*	E

<b>Station ID: 865</b>				<b>Observer: Ponti</b>		
Observation Date	Latitude	Longitude	Offset Feature	Inferred Origin		
2014:09:18	38.33161	122.35110	Soil	Uncertain		
Description						
Tension crack; continuous along mapped trend. Small cracks in a zone about 3 m wide extending to the house. No damage to the foundation. Separation 1 cm or less. Pure extension.						
Fault Azimuth	Strike Slip	Strike-slip Sense	Extension	Compression	Vertical	Upthrown Side
1*						

<b>Station ID: 866</b>				<b>Observer: Ponti</b>	
Observation Date	Latitude	Longitude	Offset Feature	Inferred Origin	
2014:09:18	38.33172	122.35120	Soil	Uncertain	
Description					
Tension crack; continuous along mapped trend. Extends only for 2 m.					

<b>Station ID: 867</b>				<b>Observer: Ponti</b>		
Observation Date	Latitude	Longitude	Offset Feature	Inferred Origin		
2014:09:18	38.33176	122.35126	Soil	Uncertain		
Description						
Vector length=2 cm. Vector plunge=4 deg. Vector azimuth=217 deg. Local fracture azimuth=325 deg.						
Fault Azimuth	Strike Slip	Strike-slip Sense	Extension	Compression	Vertical	Upthrown Side
325	0.6	LL	1.9		0.1	E

<b>Station ID: 868</b>				<b>Observer: Ponti</b>		
Observation Date	Latitude	Longitude	Offset Feature	Inferred Origin		
2014:09:18	38.33182	122.35097	Soil	Uncertain		
Description						
Tension crack; continuous along mapped trend. Approximately 4 cm separation; only 4 m long.						
Fault Azimuth	Strike Slip	Strike-slip Sense	Extension	Compression	Vertical	Upthrown Side
4*						

<b>Station ID: 869</b>				<b>Observer: Ponti</b>
<b>Observation Date</b>	<b>Latitude</b>	<b>Longitude</b>	<b>Offset Feature</b>	<b>Inferred Origin</b>
2014:09:17	38.33184	122.35184	Soil	Uncertain
<b>Description</b>				
Tension crack; continuous along mapped trend. Zone 1 to 2 m wide.				

<b>Station ID: 870</b>				<b>Observer: Ponti</b>		
<b>Observation Date</b>	<b>Latitude</b>	<b>Longitude</b>	<b>Offset Feature</b>	<b>Inferred Origin</b>		
2014:09:17	38.33187	122.35190	Soil	Uncertain		
<b>Description</b>						
Vector length=3.5 cm. Vector plunge=0 deg. Vector azimuth=265 deg. Local fracture azimuth=330 deg.						
<b>Fault Azimuth</b>	<b>Strike Slip</b>	<b>Strike-slip Sense</b>	<b>Extension</b>	<b>Compression</b>	<b>Vertical</b>	<b>Upthrown Side</b>
330	1.5	RL	3.2			

<b>Station ID: 871</b>				<b>Observer: Ponti</b>
<b>Observation Date</b>	<b>Latitude</b>	<b>Longitude</b>	<b>Offset Feature</b>	<b>Inferred Origin</b>
2014:09:17	38.33191	122.35197	Soil	Uncertain
<b>Description</b>				
Tension crack; intermittent along mapped trend. Small zone of tension cracks about 1 m wide. No observable in the roadway.				

<b>Station ID: 872</b>				<b>Observer: Ponti</b>		
<b>Observation Date</b>	<b>Latitude</b>	<b>Longitude</b>	<b>Offset Feature</b>	<b>Inferred Origin</b>		
2014:09:17	38.33195	122.35210	Soil	Uncertain		
<b>Description</b>						
Local fracture azimuth=310 deg.						
<b>Fault Azimuth</b>	<b>Strike Slip</b>	<b>Strike-slip Sense</b>	<b>Extension</b>	<b>Compression</b>	<b>Vertical</b>	<b>Upthrown Side</b>
310						

<b>Station ID: 873</b>				<b>Observer: Ponti</b>		
<b>Observation Date</b>	<b>Latitude</b>	<b>Longitude</b>	<b>Offset Feature</b>	<b>Inferred Origin</b>		
2014:09:17	38.33201	122.35234	Soil	Uncertain		
<b>Description</b>						
Zone of tension cracks about 1 m wide. Vector length=1 cm. Vector plunge=0 deg. Vector azimuth=210 deg. Local fracture azimuth=305 deg.						
<b>Fault Azimuth</b>	<b>Strike Slip</b>	<b>Strike-slip Sense</b>	<b>Extension</b>	<b>Compression</b>	<b>Vertical</b>	<b>Upthrown Side</b>
305	0.1	LL	1			

<b>Station ID: 874</b>				<b>Observer: Ponti</b>		
<b>Observation Date</b>	<b>Latitude</b>	<b>Longitude</b>	<b>Offset Feature</b>	<b>Inferred Origin</b>		
2014:09:17	38.33208	122.35280	Soil	Uncertain		
<b>Description</b>						
1 m long crack on trend 150. Local fracture azimuth=150 deg.						
<b>Fault Azimuth</b>	<b>Strike Slip</b>	<b>Strike-slip Sense</b>	<b>Extension</b>	<b>Compression</b>	<b>Vertical</b>	<b>Upthrown Side</b>
150						

<b>Station ID: 875</b>				<b>Observer: Ponti</b>		
<b>Observation Date</b>	<b>Latitude</b>	<b>Longitude</b>	<b>Offset Feature</b>	<b>Inferred Origin</b>		
2014:09:17	38.33215	122.35151	Soil	Uncertain		
<b>Description</b>						
Tension crack; continuous along mapped trend. Large cracks in tall grass extend to the southeast into thistles where they are no longer observed. No apparent lateral displacement. However general sense appears to be left-stepping. Difficult to tell in tall grass. Separation 5 cm.						
<b>Fault Azimuth</b>	<b>Strike Slip</b>	<b>Strike-slip Sense</b>	<b>Extension</b>	<b>Compression</b>	<b>Vertical</b>	<b>Upthrown Side</b>
			5*			

<b>Station ID: 876</b>				<b>Observer: Hudnut</b>
<b>Observation Date</b>	<b>Latitude</b>	<b>Longitude</b>	<b>Offset Feature</b>	<b>Inferred Origin</b>
2014:08:29	38.33221	122.35159	Soil	Uncertain
<b>Photographer</b>	<b>Camera Coordinates</b>		<b>Photograph Date</b>	
Hudnut			2014:08:29 12:27:00	

[High Resolution Photograph](#)



<b>Photographer</b>	<b>Camera Coordinates</b>		<b>Photograph Date</b>
Hudnut	38.33220	122.35159	2014:08:29 12:30:42

[High Resolution Photograph](#)



**Station ID: 876** **Observer: Hudnut**

Photographer	Camera Coordinates		Photograph Date
Hudnut	38.33221	122.35162	2014:08:29 12:31:16

[High Resolution Photograph](#)



**Station ID: 877** **Observer: Ponti**

Observation Date	Latitude	Longitude	Offset Feature	Inferred Origin
2014:09:17	38.33223	122.35161	Soil	Uncertain

**Description**

Tension crack; continuous along mapped trend. Large tension crack with apparent downslope movement to the east.

Fault Azimuth	Strike Slip	Strike-slip Sense	Extension	Compression	Vertical	Upthrown Side
						W

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**Station ID: 878** **Observer: Hudnut**

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Observation Date	Latitude	Longitude	Offset Feature	Inferred Origin
2014:08:29	38.33223	122.35176	Soil	Uncertain

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Photographer	Camera Coordinates	Photograph Date
Hudnut	38.33222 122.35168	2014:08:29 12:33:25

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[High Resolution Photograph](#)



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Photographer	Camera Coordinates	Photograph Date
Hudnut	38.33222 122.35175	2014:08:29 12:33:41

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[High Resolution Photograph](#)



**Station ID: 878** **Observer: Hudnut**

Photographer	Camera Coordinates		Photograph Date
Hudnut	38.33226	122.35176	2014:08:29 12:33:53

[High Resolution Photograph](#)



**Station ID: 879** **Observer: Ponti**

Observation Date	Latitude	Longitude	Offset Feature	Inferred Origin
2014:09:17	38.33223	122.35176	Soil	Uncertain

**Description**

Zone of en echelon cracks several centimeters wide wrap around south end of lawn and extend off to the southeast. Vector length=6 cm. Vector plunge=15 deg. Vector azimuth=58 deg. Local fracture azimuth=292 deg. Fault zone azimuth=282 deg.

Fault Azimuth	Strike Slip	Strike-slip Sense	Extension	Compression	Vertical	Upthrown Side
282	4.3	RL	4.2		1.6	W

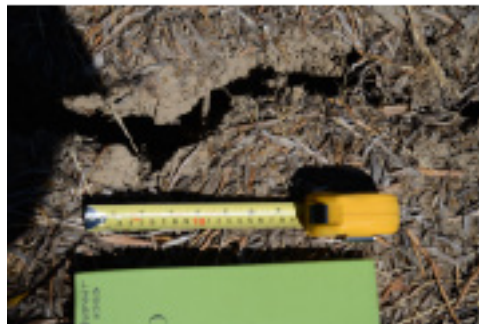
<b>Station ID: 880</b>				<b>Observer: Hudnut</b>
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Observation Date	Latitude	Longitude	Offset Feature	Inferred Origin
2014:08:31	38.33225	122.35164	Soil	Uncertain

Description
At SE fence.

Photographer	Camera Coordinates	Photograph Date
Hudnut	38.33224 122.35159	2014:08:31 13:20:33

[High Resolution Photograph](#)



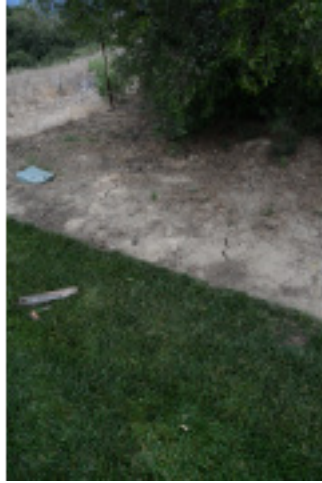
Photographer	Camera Coordinates	Photograph Date
Hudnut	38.33224 122.35160	2014:08:31 13:20:46

[High Resolution Photograph](#)



<b>Station ID: 881</b>				<b>Observer: Hudnut</b>
<b>Observation Date</b>	<b>Latitude</b>	<b>Longitude</b>	<b>Offset Feature</b>	<b>Inferred Origin</b>
2014:08:29	38.33227	122.35165	Soil	Uncertain
<b>Description</b>				
At fence line, southeast edge.				
<b>Photographer</b>	<b>Camera Coordinates</b>		<b>Photograph Date</b>	
Hudnut	38.33226	122.35167	2014:08:29 12:32:51	

[High Resolution Photograph](#)



<b>Station ID: 882</b>				<b>Observer: Ponti</b>		
<b>Observation Date</b>	<b>Latitude</b>	<b>Longitude</b>	<b>Offset Feature</b>	<b>Inferred Origin</b>		
2014:09:17	38.33227	122.35165	Soil	Uncertain		
<b>Description</b>						
Vector length=2.5 cm. Vector plunge=0 deg. Vector azimuth=83 deg. Local fracture azimuth=325 deg.						
<b>Fault Azimuth</b>	<b>Strike Slip</b>	<b>Strike-slip Sense</b>	<b>Extension</b>	<b>Compression</b>	<b>Vertical</b>	<b>Upthrown Side</b>
325	1.2	RL	2.2			

<b>Station ID: 883</b>				<b>Observer: Hudnut</b>
<b>Observation Date</b>	<b>Latitude</b>	<b>Longitude</b>	<b>Offset Feature</b>	<b>Inferred Origin</b>
2014:08:29	38.33230	122.35186	Soil	Uncertain
<b>Photographer</b>	<b>Camera Coordinates</b>		<b>Photograph Date</b>	
Hudnut	38.33231	122.35195	2014:08:29 12:35:02	

[High Resolution Photograph](#)



<b>Photographer</b>	<b>Camera Coordinates</b>		<b>Photograph Date</b>	
Hudnut	38.33237	122.35197	2014:08:29 12:35:12	

[High Resolution Photograph](#)



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**Station ID: 883**

**Observer: Hudnut**

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<b>Photographer</b>	<b>Camera Coordinates</b>		<b>Photograph Date</b>
Hudnut	38.33246	122.35189	2014:08:29 12:35:26

[High Resolution Photograph](#)



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<b>Photographer</b>	<b>Camera Coordinates</b>		<b>Photograph Date</b>
Hudnut	38.33240	122.35185	2014:08:29 12:35:33

[High Resolution Photograph](#)



<b>Station ID: 884</b>		<b>Observer: Prentice/Ponti</b>		
<b>Observation Date</b>	<b>Latitude</b>	<b>Longitude</b>	<b>Offset Feature</b>	<b>Inferred Origin</b>
2014:08:31	38.33231	122.35197	Soil	Uncertain
<b>Photographer</b>	<b>Camera Coordinates</b>		<b>Photograph Date</b>	
Prentice			2014:08:31 13:33:54	

[High Resolution Photograph](#)



<b>Photographer</b>	<b>Camera Coordinates</b>	<b>Photograph Date</b>
Prentice		2014:08:31 13:35:06

[High Resolution Photograph](#)



<b>Station ID: 885</b>					<b>Observer: Ponti</b>	
<b>Observation Date</b>	<b>Latitude</b>	<b>Longitude</b>	<b>Offset Feature</b>	<b>Inferred Origin</b>		
2014:09:17	38.33235	122.35219	Soil	Uncertain		
<b>Description</b>						
Left-stepping en echelon cracks; continuous along mapped trend.						
<b>Fault Azimuth</b>	<b>Strike Slip</b>	<b>Strike-slip Sense</b>	<b>Extension</b>	<b>Compression</b>	<b>Vertical</b>	<b>Upthrown Side</b>
		RL				

<b>Station ID: 886</b>					<b>Observer: Ponti</b>
<b>Observation Date</b>	<b>Latitude</b>	<b>Longitude</b>	<b>Offset Feature</b>	<b>Inferred Origin</b>	
2014:08:31	38.33236	122.35188	Soil	Uncertain	
<b>Photographer</b>	<b>Camera Coordinates</b>		<b>Photograph Date</b>		
Ponti	38.33225	122.35182	2014:08:31	13:34:13	

[High Resolution Photograph](#)



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**Station ID: 886** **Observer: Ponti**

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Photographer	Camera Coordinates		Photograph Date
Ponti	38.33225	122.35182	2014:08:31 13:34:37

[High Resolution Photograph](#)



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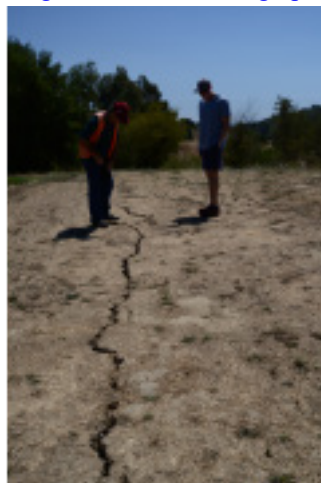
**Station ID: 887** **Observer: Hudnut**

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Observation Date	Latitude	Longitude	Offset Feature	Inferred Origin
2014:08:31	38.33237	122.35189	Soil	Uncertain

Photographer	Camera Coordinates		Photograph Date
Hudnut	38.33239	122.35188	2014:08:31 13:19:10

[High Resolution Photograph](#)



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**Station ID: 887** **Observer: Hudnut**

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Photographer	Camera Coordinates		Photograph Date
Hudnut	38.33239	122.35188	2014:08:31 13:19:12

[High Resolution Photograph](#)



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**Station ID: 888** **Observer: Hudnut**

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Observation Date	Latitude	Longitude	Offset Feature	Inferred Origin
2014:08:29	38.33248	122.35196	Soil	Uncertain

Photographer	Camera Coordinates		Photograph Date
Hudnut	38.33249	122.35197	2014:08:29 12:43:18

[High Resolution Photograph](#)



**Station ID: 888** **Observer: Hudnut**

Photographer	Camera Coordinates		Photograph Date
Hudnut	38.33253	122.35196	2014:08:29 12:43:27

[High Resolution Photograph](#)



**Station ID: 889** **Observer: Ponti**

Observation Date	Latitude	Longitude	Offset Feature	Inferred Origin
2014:09:17	38.33248	122.35196	Soil	Uncertain

**Description**

Tension crack; continuous along mapped trend. About 2 to 3 cm down to the east displacement.

Fault Azimuth	Strike Slip	Strike-slip Sense	Extension	Compression	Vertical	Uphrown Side
					2-3*	W

<b>Station ID: 890</b>				<b>Observer: Hudnut</b>
<b>Observation Date</b>	<b>Latitude</b>	<b>Longitude</b>	<b>Offset Feature</b>	<b>Inferred Origin</b>
2014:08:29	38.33255	122.35196	Soil	Uncertain
<b>Photographer</b>	<b>Camera Coordinates</b>		<b>Photograph Date</b>	
Hudnut	38.33252	122.35194	2014:08:29 12:43:32	

[High Resolution Photograph](#)



<b>Station ID: 891</b>				<b>Observer: Ponti</b>		
<b>Observation Date</b>	<b>Latitude</b>	<b>Longitude</b>	<b>Offset Feature</b>	<b>Inferred Origin</b>		
2014:09:17	38.33255	122.35196	Soil	Uncertain		
<b>Description</b>						
Vector length=4.5 cm. Vector plunge=5 deg. Vector azimuth=72 deg. Local fracture azimuth=317 deg.						
<b>Fault Azimuth</b>	<b>Strike Slip</b>	<b>Strike-slip Sense</b>	<b>Extension</b>	<b>Compression</b>	<b>Vertical</b>	<b>Upthrown Side</b>
317	1.9	RL	4.1		0.4	W

<b>Station ID: 892</b>				<b>Observer: Hudnut</b>
<b>Observation Date</b>	<b>Latitude</b>	<b>Longitude</b>	<b>Offset Feature</b>	<b>Inferred Origin</b>
2014:08:29	38.33257	122.35206	Soil	Uncertain
<b>Photographer</b>	<b>Camera Coordinates</b>		<b>Photograph Date</b>	
Hudnut	38.33257	122.35204	2014:08:29 12:47:29	

[High Resolution Photograph](#)



<b>Station ID: 893</b>				<b>Observer: Hudnut</b>
<b>Observation Date</b>	<b>Latitude</b>	<b>Longitude</b>	<b>Offset Feature</b>	<b>Inferred Origin</b>
2014:08:29	38.33257	122.35201	Soil	Uncertain
<b>Photographer</b>	<b>Camera Coordinates</b>		<b>Photograph Date</b>	
Hudnut	38.33257	122.35200	2014:08:29 12:47:19	

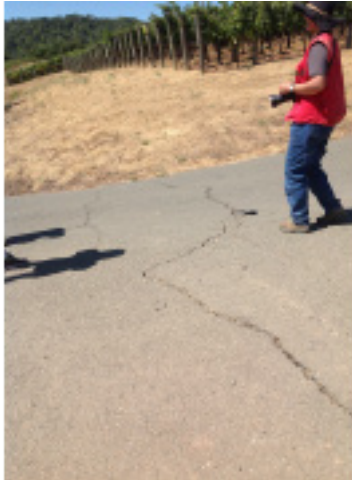
[High Resolution Photograph](#)



<b>Station ID: 894</b>				<b>Observer: Ponti</b>
<b>Observation Date</b>	<b>Latitude</b>	<b>Longitude</b>	<b>Offset Feature</b>	<b>Inferred Origin</b>
2014:09:18	38.33260	122.35310	Soil	Uncertain
<b>Description</b>				
Possible cracking, although difficult to tell because of matted grass over the surface. Unclear if this trend continues to where a crack is observed several tens of meters to the southeast.				

<b>Station ID: 895</b>				<b>Observer: Ponti</b>
<b>Observation Date</b>	<b>Latitude</b>	<b>Longitude</b>	<b>Offset Feature</b>	<b>Inferred Origin</b>
2014:08:31	38.33260	122.35232	Soil	Uncertain
<b>Photographer</b>	<b>Camera Coordinates</b>		<b>Photograph Date</b>	
Ponti	38.33258	122.35229	2014:08:31	14:00:43

[High Resolution Photograph](#)



**Station ID: 895** **Observer: Ponti**

Photographer	Camera Coordinates		Photograph Date
Ponti	38.33258	122.35229	2014:08:31 14:01:04

[High Resolution Photograph](#)



**Station ID: 896** **Observer: Hudnut**

Observation Date	Latitude	Longitude	Offset Feature	Inferred Origin
2014:08:29	38.33260	122.35203	Soil	Uncertain

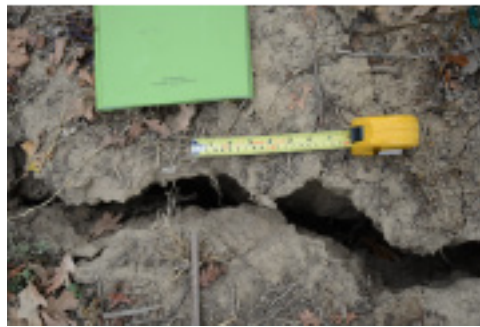
Photographer	Camera Coordinates		Photograph Date
Hudnut	38.33260	122.35203	2014:08:29 12:48:07

[High Resolution Photograph](#)



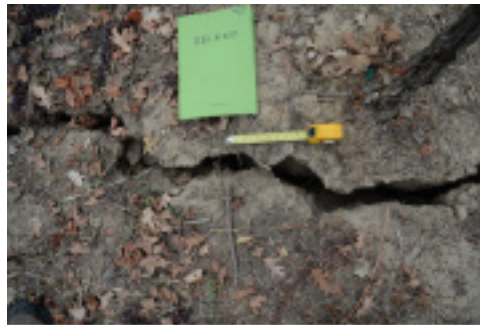
<b>Station ID: 897</b>				<b>Observer: Hudnut</b>
<b>Observation Date</b>	<b>Latitude</b>	<b>Longitude</b>	<b>Offset Feature</b>	<b>Inferred Origin</b>
2014:08:29	38.33262	122.35210	Soil	Uncertain
<b>Photographer</b>	<b>Camera Coordinates</b>		<b>Photograph Date</b>	
Hudnut	38.33262	122.35208	2014:08:29 12:49:53	

High Resolution Photograph



<b>Photographer</b>	<b>Camera Coordinates</b>		<b>Photograph Date</b>	
Hudnut	38.33262	122.35208	2014:08:29 12:49:54	

High Resolution Photograph



<b>Station ID: 898</b>				<b>Observer: Ponti</b>		
<b>Observation Date</b>	<b>Latitude</b>	<b>Longitude</b>	<b>Offset Feature</b>	<b>Inferred Origin</b>		
2014:09:17	38.33262	122.35210	Soil	Uncertain		
<b>Description</b>						
Vector length=9 cm. Vector plunge=22 deg. Vector azimuth=245 deg. Local fracture azimuth=332 deg.						
<b>Fault Azimuth</b>	<b>Strike Slip</b>	<b>Strike-slip Sense</b>	<b>Extension</b>	<b>Compression</b>	<b>Vertical</b>	<b>Upthrown Side</b>
332	0.5	RL	9		3.4	E

<b>Station ID: 899</b>					<b>Observer: Ponti</b>	
<b>Observation Date</b>	<b>Latitude</b>	<b>Longitude</b>	<b>Offset Feature</b>	<b>Inferred Origin</b>		
2014:09:17	38.33262	122.35199	Soil	Uncertain		
<b>Description</b>						
Tension crack; continuous along mapped trend. Very small crack less than 0.5 cm wide.						
<b>Fault Azimuth</b>	<b>Strike Slip</b>	<b>Strike-slip Sense</b>	<b>Extension</b>	<b>Compression</b>	<b>Vertical</b>	<b>Upthrown Side</b>
			0.5*			

<b>Station ID: 900</b>					<b>Observer: Ponti</b>	
<b>Observation Date</b>	<b>Latitude</b>	<b>Longitude</b>	<b>Offset Feature</b>	<b>Inferred Origin</b>		
2014:09:18	38.33263	122.35288	Soil	Uncertain		
<b>Description</b>						
Tension crack; continuous along mapped trend. 1 cm separation. Appears to be a reopening of an existing older fracture. No obvious lateral displacement. Trends 003 deg.						
<b>Fault Azimuth</b>	<b>Strike Slip</b>	<b>Strike-slip Sense</b>	<b>Extension</b>	<b>Compression</b>	<b>Vertical</b>	<b>Upthrown Side</b>
3			1*			

<b>Station ID: 901</b>					<b>Observer: Ponti</b>
<b>Observation Date</b>	<b>Latitude</b>	<b>Longitude</b>	<b>Offset Feature</b>	<b>Inferred Origin</b>	
2014:08:31	38.33264	122.35481	Pavement	Uncertain	
<b>Photographer</b>	<b>Camera Coordinates</b>		<b>Photograph Date</b>		
Ponti	38.33264	122.35480	2014:08:31 14:19:44		

[High Resolution Photograph](#)



<b>Station ID: 902</b>				<b>Observer: Ponti</b>		
Observation Date	Latitude	Longitude	Offset Feature	Inferred Origin		
2014:09:18	38.33265	122.35276	Soil	Uncertain		
Description						
Tension crack; continuous along mapped trend. About 0.5 cm separation in pavement only. Cannot trace into adjacent soil. Trend 345 deg.						
Fault Azimuth	Strike Slip	Strike-slip Sense	Extension	Compression	Vertical	Upthrown Side
345			0.5*			

<b>Station ID: 903</b>				<b>Observer: Ponti</b>		
Observation Date	Latitude	Longitude	Offset Feature	Inferred Origin		
2014:09:17	38.33266	122.35214	Soil	Uncertain		
Description						
Tension crack; continuous along mapped trend. Very large fracture several feet deep and 10 to 15 cm wide separation at surface where the edges have collapsed. Down to the west.						
Fault Azimuth	Strike Slip	Strike-slip Sense	Extension	Compression	Vertical	Upthrown Side
			10-15*			E

<b>Station ID: 904</b>				<b>Observer: Ponti</b>		
Observation Date	Latitude	Longitude	Offset Feature	Inferred Origin		
2014:09:18	38.33266	122.35316	Pavement	Uncertain		
Description						
Tension crack; continuous along mapped trend. Observed in the pavement only. About 0.5 cm separation. About 4 to 5 m to the west there are cracks in the hillslope heading up toward the vineyard. Trend 010 deg.						
Fault Azimuth	Strike Slip	Strike-slip Sense	Extension	Compression	Vertical	Upthrown Side
10			0.5*			

<b>Station ID: 905</b>				<b>Observer: Ponti</b>		
Observation Date	Latitude	Longitude	Offset Feature	Inferred Origin		
2014:09:17	38.33267	122.35208	Soil	Uncertain		
Description						
Tension crack; continuous along mapped trend. Meandering; 1 to 2 cm separation.						
Fault Azimuth	Strike Slip	Strike-slip Sense	Extension	Compression	Vertical	Upthrown Side
			1-2*			

<b>Station ID: 906</b>				<b>Observer: Ponti</b>
<b>Observation Date</b>	<b>Latitude</b>	<b>Longitude</b>	<b>Offset Feature</b>	<b>Inferred Origin</b>
2014:08:31	38.33268	122.35554	Soil	Uncertain
<b>Photographer</b>	<b>Camera Coordinates</b>		<b>Photograph Date</b>	
Ponti	38.33268	122.35553	2014:08:31 14:27:03	

[High Resolution Photograph](#)



<b>Station ID: 907</b>				<b>Observer: Hudnut</b>
<b>Observation Date</b>	<b>Latitude</b>	<b>Longitude</b>	<b>Offset Feature</b>	<b>Inferred Origin</b>
2014:08:29	38.33270	122.35219	Soil	Uncertain
<b>Photographer</b>	<b>Camera Coordinates</b>		<b>Photograph Date</b>	
Hudnut	38.33270	122.35217	2014:08:29 12:53:35	

[High Resolution Photograph](#)



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**Station ID: 907**

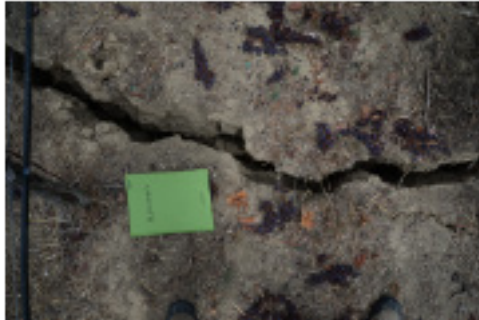
**Observer: Hudnut**

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<b>Photographer</b>	<b>Camera Coordinates</b>		<b>Photograph Date</b>
Hudnut	38.33271	122.35219	2014:08:29 12:53:42

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[High Resolution Photograph](#)



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<b>Photographer</b>	<b>Camera Coordinates</b>		<b>Photograph Date</b>
Hudnut	38.33274	122.35218	2014:08:29 12:54:19

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[High Resolution Photograph](#)



<b>Station ID: 908</b>				<b>Observer: Hudnut</b>
<b>Observation Date</b>	<b>Latitude</b>	<b>Longitude</b>	<b>Offset Feature</b>	<b>Inferred Origin</b>
2014:08:29	38.33270	122.35211	Soil	Uncertain
<b>Photographer</b>	<b>Camera Coordinates</b>		<b>Photograph Date</b>	
Hudnut	38.33270	122.35210	2014:08:29 12:52:12	

[High Resolution Photograph](#)



<b>Photographer</b>	<b>Camera Coordinates</b>		<b>Photograph Date</b>	
Hudnut	38.33270	122.35210	2014:08:29 12:52:24	

[High Resolution Photograph](#)



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**Station ID: 908****Observer: Hudnut**

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Photographer	Camera Coordinates		Photograph Date
Hudnut	38.33271	122.35209	2014:08:29 12:52:27

[High Resolution Photograph](#)



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Photographer	Camera Coordinates		Photograph Date
Hudnut	38.33266	122.35211	2014:08:29 12:52:32

[High Resolution Photograph](#)



**Station ID: 908** **Observer: Hudnut**

Photographer	Camera Coordinates		Photograph Date
Hudnut	38.33270	122.35213	2014:08:29 12:53:06

[High Resolution Photograph](#)



**Station ID: 909** **Observer: Ponti**

Observation Date	Latitude	Longitude	Offset Feature	Inferred Origin
2014:09:17	38.33270	122.35268	Soil	Uncertain

**Description**

Tension crack; intermittent along mapped trend. Short zone of cracks that trend approximately parallel to slope; probable shallow soil failure.

**Station ID: 910** **Observer: Ponti**

Observation Date	Latitude	Longitude	Offset Feature	Inferred Origin
2014:09:17	38.33272	122.35243	Soil	Uncertain

**Description**

Tension crack; continuous along mapped trend. Fairly prominent fracture where it exits the vineyard and then steps right over to cracks in pavement.

**Station ID: 911** **Observer: Ponti**

Observation Date	Latitude	Longitude	Offset Feature	Inferred Origin
2014:09:18	38.33273	122.35322	Soil	Uncertain

**Description**

Tension crack; intermittent along mapped trend. Small, discontinuous cracks heading up the hillside on trend approximately 355 deg.

Fault Azimuth	Strike Slip	Strike-slip Sense	Extension	Compression	Vertical	Upthrown Side
355						

<b>Station ID: 912</b>				<b>Observer: Ponti</b>		
<b>Observation Date</b>	<b>Latitude</b>	<b>Longitude</b>	<b>Offset Feature</b>	<b>Inferred Origin</b>		
2014:09:17	38.33274	122.35223	Soil	Uncertain		
<b>Description</b>						
Tension crack; continuous along mapped trend. Prominent fracture, down to the west. Vector length=9; Vector azimuth=232; Vector plunge=5; Fracture azimuth=309.						
<b>Fault Azimuth</b>	<b>Strike Slip</b>	<b>Strike-slip Sense</b>	<b>Extension</b>	<b>Compression</b>	<b>Vertical</b>	<b>Upthrown Side</b>
309	2	RL	8.8		0.8	E
<b>Photographer</b>	<b>Camera Coordinates</b>		<b>Photograph Date</b>			
Ponti	38.33273	122.35222	2014:09:17 15:31:47			

[High Resolution Photograph](#)



<b>Station ID: 913</b>				<b>Observer: Ponti</b>
<b>Observation Date</b>	<b>Latitude</b>	<b>Longitude</b>	<b>Offset Feature</b>	<b>Inferred Origin</b>
2014:09:17	38.33274	122.35258	Soil	Uncertain
<b>Description</b>				
Tension crack; intermittent along mapped trend. Discontinuous and hard to see; mostly only shows up adjacent to the vineyard posts.				

<b>Station ID: 914</b>				<b>Observer: Ponti</b>		
<b>Observation Date</b>	<b>Latitude</b>	<b>Longitude</b>	<b>Offset Feature</b>	<b>Inferred Origin</b>		
2014:09:18	38.33276	122.35374	Soil	Uncertain		
<b>Description</b>						
Tension crack; continuous along mapped trend. Small tension crack in the pavement extends a few meters to the south in soil. No cracking on the north side. Trend about 310 deg.						
<b>Fault Azimuth</b>	<b>Strike Slip</b>	<b>Strike-slip Sense</b>	<b>Extension</b>	<b>Compression</b>	<b>Vertical</b>	<b>Upthrown Side</b>
310						

<b>Station ID: 915</b>				<b>Observer: Ponti</b>		
<b>Observation Date</b>	<b>Latitude</b>	<b>Longitude</b>	<b>Offset Feature</b>	<b>Inferred Origin</b>		
2014:09:17	38.33278	122.35248	Soil	Uncertain		
<b>Description</b>						
Tension crack; continuous along mapped trend. Approximately 1 cm separation. No obvious lateral displacement.						
<b>Fault Azimuth</b>	<b>Strike Slip</b>	<b>Strike-slip Sense</b>	<b>Extension</b>	<b>Compression</b>	<b>Vertical</b>	<b>Upthrown Side</b>
			1*			

<b>Station ID: 916</b>				<b>Observer: Ponti</b>		
<b>Observation Date</b>	<b>Latitude</b>	<b>Longitude</b>	<b>Offset Feature</b>	<b>Inferred Origin</b>		
2014:09:17	38.33278	122.35221	Soil	Uncertain		
<b>Description</b>						
Tension crack; continuous along mapped trend. 1 cm separation.						
<b>Fault Azimuth</b>	<b>Strike Slip</b>	<b>Strike-slip Sense</b>	<b>Extension</b>	<b>Compression</b>	<b>Vertical</b>	<b>Upthrown Side</b>
			1*			

<b>Station ID: 917</b>					<b>Observer: Ponti</b>	
<b>Observation Date</b>	<b>Latitude</b>	<b>Longitude</b>	<b>Offset Feature</b>	<b>Inferred Origin</b>		
2014:09:17	38.33280	122.35264	Soil	Uncertain		
<b>Description</b>						
Tension crack; continuous along mapped trend. Approximately 1 cm opening.						
<b>Fault Azimuth</b>	<b>Strike Slip</b>	<b>Strike-slip Sense</b>	<b>Extension</b>	<b>Compression</b>	<b>Vertical</b>	<b>Upthrown Side</b>
			1*			

<b>Station ID: 918</b>					<b>Observer: Ponti</b>	
<b>Observation Date</b>	<b>Latitude</b>	<b>Longitude</b>	<b>Offset Feature</b>	<b>Inferred Origin</b>		
2014:09:17	38.33283	122.35328	Soil	Uncertain		
<b>Description</b>						
Small tension fracture on UAVSAR lineament within a discontinuous zone of fractures on the slope. Apparent downslope movement. No obvious lateral displacement. Vector length=1 cm. Vector plunge=0 deg. Vector azimuth=227 deg. Local fracture azimuth=298 deg. Fault zone azimuth=316 deg.						
<b>Fault Azimuth</b>	<b>Strike Slip</b>	<b>Strike-slip Sense</b>	<b>Extension</b>	<b>Compression</b>	<b>Vertical</b>	<b>Upthrown Side</b>
316			1			

<b>Station ID: 919</b>				<b>Observer: Hudnut</b>
<b>Observation Date</b>	<b>Latitude</b>	<b>Longitude</b>	<b>Offset Feature</b>	<b>Inferred Origin</b>
2014:08:29	38.33284	122.35232	Soil	Uncertain
<b>Photographer</b>	<b>Camera Coordinates</b>		<b>Photograph Date</b>	
Hudnut	38.33275	122.35223	2014:08:29 12:54:38	

[High Resolution Photograph](#)



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**Station ID: 919****Observer: Hudnut**

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<b>Photographer</b>	<b>Camera Coordinates</b>		<b>Photograph Date</b>
Hudnut	38.33294	122.35236	2014:08:29 12:55:28

[High Resolution Photograph](#)



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<b>Photographer</b>	<b>Camera Coordinates</b>		<b>Photograph Date</b>
Hudnut	38.33294	122.35236	2014:08:29 12:55:30

[High Resolution Photograph](#)

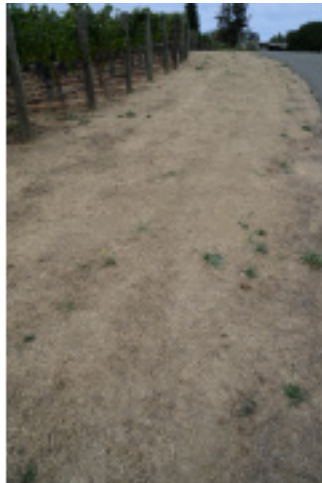


<b>Station ID: 920</b>					<b>Observer: Ponti</b>	
<b>Observation Date</b>	<b>Latitude</b>	<b>Longitude</b>	<b>Offset Feature</b>	<b>Inferred Origin</b>		
2014:09:17	38.33284	122.35220	Soil	Uncertain		
<b>Description</b>						
Tension crack; continuous along mapped trend. 1 to 3 cm separation.						
<b>Fault Azimuth</b>	<b>Strike Slip</b>	<b>Strike-slip Sense</b>	<b>Extension</b>	<b>Compression</b>	<b>Vertical</b>	<b>Upthrown Side</b>
1-3*						

<b>Station ID: 921</b>					<b>Observer: Ponti</b>
<b>Observation Date</b>	<b>Latitude</b>	<b>Longitude</b>	<b>Offset Feature</b>	<b>Inferred Origin</b>	
2014:09:17	38.33284	122.35227	Soil	Uncertain	
<b>Description</b>					
Tension crack; continuous along mapped trend. Zone of subparallel tension fractures spanning a width of about 2 m.					

<b>Station ID: 922</b>					<b>Observer: Hudnut</b>
<b>Observation Date</b>	<b>Latitude</b>	<b>Longitude</b>	<b>Offset Feature</b>	<b>Inferred Origin</b>	
2014:08:29	38.33284	122.35242	Soil	Uncertain	
<b>Photographer</b>	<b>Camera Coordinates</b>		<b>Photograph Date</b>		
Hudnut	38.33284	122.35240	2014:08:29 12:56:26		

[High Resolution Photograph](#)



<b>Station ID: 923</b>				<b>Observer: Hudnut</b>
<b>Observation Date</b>	<b>Latitude</b>	<b>Longitude</b>	<b>Offset Feature</b>	<b>Inferred Origin</b>
2014:08:29	38.33285	122.35238	Pavement	Uncertain
<b>Photographer</b>	<b>Camera Coordinates</b>		<b>Photograph Date</b>	
Hudnut	38.33284	122.35240	2014:08:29 12:56:24	

High Resolution Photograph



<b>Station ID: 924</b>				<b>Observer: Ponti</b>		
<b>Observation Date</b>	<b>Latitude</b>	<b>Longitude</b>	<b>Offset Feature</b>	<b>Inferred Origin</b>		
2014:09:17	38.33296	122.35252	Soil	Uncertain		
<b>Description</b>						
Single meandering tension crack in dirt paralleling the roadway. No obvious lateral displacement. Slight downslope movement to the southwest. Vector length=1 cm. Vector plunge=0 deg. Vector azimuth=232 deg. Local fracture azimuth=345 deg.						
<b>Fault Azimuth</b>	<b>Strike Slip</b>	<b>Strike-slip Sense</b>	<b>Extension</b>	<b>Compression</b>	<b>Vertical</b>	<b>Uprthrown Side</b>
345	0.4	LL	0.9			

<b>Station ID: 925</b>				<b>Observer: Ponti</b>		
<b>Observation Date</b>	<b>Latitude</b>	<b>Longitude</b>	<b>Offset Feature</b>	<b>Inferred Origin</b>		
2014:09:17	38.33296	122.35230	Soil	Uncertain		
<b>Description</b>						
Tension crack; continuous along mapped trend. Zone of two tension fractures 0.5 to 1 m apart; 1 to 2 cm separation.						
<b>Fault Azimuth</b>	<b>Strike Slip</b>	<b>Strike-slip Sense</b>	<b>Extension</b>	<b>Compression</b>	<b>Vertical</b>	<b>Uprthrown Side</b>
			1-2*			

<b>Station ID: 926</b>				<b>Observer: Ponti</b>
<b>Observation Date</b>	<b>Latitude</b>	<b>Longitude</b>	<b>Offset Feature</b>	<b>Inferred Origin</b>
2014:09:17	38.33298	122.35270	Soil	Uncertain
<b>Description</b>				
Tension crack; continuous along mapped trend. Fracture becomes somewhat discontinuous to the south.				

<b>Station ID: 927</b>				<b>Observer: Ponti</b>
<b>Observation Date</b>	<b>Latitude</b>	<b>Longitude</b>	<b>Offset Feature</b>	<b>Inferred Origin</b>
2014:09:17	38.33302	122.35290	Soil	Uncertain
<b>Description</b>				
Tension crack; continuous along mapped trend. Fracture pretty much dies out at this location However along this trend there are some discontinuous, short tension cracks both parallel and perpendicular to the vineyard rows.				

<b>Station ID: 928</b>				<b>Observer: Ponti</b>		
<b>Observation Date</b>	<b>Latitude</b>	<b>Longitude</b>	<b>Offset Feature</b>	<b>Inferred Origin</b>		
2014:09:17	38.33305	122.35237	Soil	Uncertain		
<b>Description</b>						
Vector length=6 cm. Vector plunge=8 deg. Vector azimuth=253 deg. Local fracture azimuth=330 deg.						
<b>Fault Azimuth</b>	<b>Strike Slip</b>	<b>Strike-slip Sense</b>	<b>Extension</b>	<b>Compression</b>	<b>Vertical</b>	<b>Upthrown Side</b>
330	1.3	RL	5.8		0.8	E

<b>Station ID: 929</b>				<b>Observer: Ponti</b>		
<b>Observation Date</b>	<b>Latitude</b>	<b>Longitude</b>	<b>Offset Feature</b>	<b>Inferred Origin</b>		
2014:09:17	38.33307	122.35275	Soil	Uncertain		
<b>Description</b>						
Tension crack; continuous along mapped trend. Separation about 1 cm. No obvious lateral displacement. Looks like downslope movement.						
<b>Fault Azimuth</b>	<b>Strike Slip</b>	<b>Strike-slip Sense</b>	<b>Extension</b>	<b>Compression</b>	<b>Vertical</b>	<b>Upthrown Side</b>
			1*			

<b>Station ID: 930</b>				<b>Observer: Ponti</b>
<b>Observation Date</b>	<b>Latitude</b>	<b>Longitude</b>	<b>Offset Feature</b>	<b>Inferred Origin</b>
2014:09:17	38.33308	122.35294	Soil	Uncertain
<b>Description</b>				
Tension crack; intermittent along mapped trend. Zone dies out to the south.				

<b>Station ID: 931</b>				<b>Observer: Ponti</b>		
<b>Observation Date</b>	<b>Latitude</b>	<b>Longitude</b>	<b>Offset Feature</b>	<b>Inferred Origin</b>		
2014:09:17	38.33309	122.35242	Soil	Uncertain		
<b>Description</b>						
Tension crack; continuous along mapped trend. Zone of cracks coalesce here to a single tension crack with 4-5 cm separation at surface.						
<b>Fault Azimuth</b>	<b>Strike Slip</b>	<b>Strike-slip Sense</b>	<b>Extension</b>	<b>Compression</b>	<b>Vertical</b>	<b>Upthrown Side</b>
			4-5*			

<b>Station ID: 932</b>				<b>Observer: Ponti</b>		
<b>Observation Date</b>	<b>Latitude</b>	<b>Longitude</b>	<b>Offset Feature</b>	<b>Inferred Origin</b>		
2014:09:17	38.33311	122.35278	Soil	Uncertain		
<b>Description</b>						
Small discontinuous set of tension cracks. The fractures are often not observable in the vineyard rows but do appear adjacent to the vines and often parallel the vine rows before stepping over to the next row. Some sense of left-lateral displacement. Vector length=10 cm. Vector plunge=0 deg. Vector azimuth=232 deg. Local fracture azimuth=10 deg. Fault zone azimuth=342 deg.						
<b>Fault Azimuth</b>	<b>Strike Slip</b>	<b>Strike-slip Sense</b>	<b>Extension</b>	<b>Compression</b>	<b>Vertical</b>	<b>Upthrown Side</b>
342	3.4	LL	9.4			

<b>Station ID: 933</b>					<b>Observer: Ponti</b>
<b>Observation Date</b>	<b>Latitude</b>	<b>Longitude</b>	<b>Offset Feature</b>	<b>Inferred Origin</b>	
2014:09:18	38.33313	122.35326	Soil	Uncertain	
<b>Description</b>					
Tension crack; intermittent along mapped trend.					

<b>Station ID: 934</b>					<b>Observer: Ponti</b>
<b>Observation Date</b>	<b>Latitude</b>	<b>Longitude</b>	<b>Offset Feature</b>	<b>Inferred Origin</b>	
2014:09:17	38.33314	122.35297	Soil	Uncertain	
<b>Description</b>					
Tension crack; continuous along mapped trend. Same fracture as that in line to the north.					

<b>Station ID: 935</b>					<b>Observer: Ponti</b>
<b>Observation Date</b>	<b>Latitude</b>	<b>Longitude</b>	<b>Offset Feature</b>	<b>Inferred Origin</b>	
2014:09:11	38.33315	122.35182	Soil	Uncertain	
<b>Photographer</b>	<b>Camera Coordinates</b>		<b>Photograph Date</b>		
Ponti	38.33315	122.35181	2014:09:11 16:16:39		

[High Resolution Photograph](#)



<b>Station ID: 936</b>				<b>Observer: Ponti</b>
<b>Observation Date</b>	<b>Latitude</b>	<b>Longitude</b>	<b>Offset Feature</b>	<b>Inferred Origin</b>
2014:09:17	38.33320	122.35282	Soil	Uncertain
<b>Description</b>				
Tension crack; intermittent along mapped trend. Small cracks.				

<b>Station ID: 937</b>				<b>Observer: Hudnut</b>
<b>Observation Date</b>	<b>Latitude</b>	<b>Longitude</b>	<b>Offset Feature</b>	<b>Inferred Origin</b>
2014:08:29	38.33327	122.35256	Soil	Uncertain
<b>Photographer</b>	<b>Camera Coordinates</b>		<b>Photograph Date</b>	
Hudnut	38.33327	122.35255	2014:08:29 13:03:32	

[High Resolution Photograph](#)



<b>Station ID: 938</b>				<b>Observer: Ponti</b>		
<b>Observation Date</b>	<b>Latitude</b>	<b>Longitude</b>	<b>Offset Feature</b>	<b>Inferred Origin</b>		
2014:09:17	38.33329	122.35301	Soil	Uncertain		
<b>Description</b>						
Tension crack; continuous along mapped trend. Tension fracture in vineyard with meandering trend. This is the easternmost of two strands several meters apart. Apparent left-lateral displacement as movement appears to be down slope.						
<b>Fault Azimuth</b>	<b>Strike Slip</b>	<b>Strike-slip Sense</b>	<b>Extension</b>	<b>Compression</b>	<b>Vertical</b>	<b>Upthrown Side</b>
		LL				

<b>Station ID: 939</b>				<b>Observer: Ponti</b>
<b>Observation Date</b>	<b>Latitude</b>	<b>Longitude</b>	<b>Offset Feature</b>	<b>Inferred Origin</b>
2014:09:18	38.33330	122.35340	Soil	Uncertain
<b>Description</b>				
Tension crack; intermittent along mapped trend. Zone of cracks 2-3m wide cannot be traced to the south beyond what is mapped.				

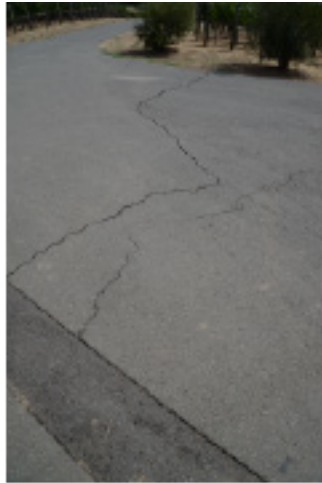
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<b>Observation Date</b>	<b>Latitude</b>	<b>Longitude</b>	<b>Offset Feature</b>	<b>Inferred Origin</b>
2014:08:29	38.33331	122.35260	Soil	Uncertain
<b>Photographer</b>	<b>Camera Coordinates</b>		<b>Photograph Date</b>	
Hudnut	38.33330	122.35258	2014:08:29 13:03:56	

[High Resolution Photograph](#)



<b>Station ID: 941</b>				<b>Observer: Hudnut</b>
<b>Observation Date</b>	<b>Latitude</b>	<b>Longitude</b>	<b>Offset Feature</b>	<b>Inferred Origin</b>
2014:08:29	38.33334	122.35281	Pavement	Uncertain
<b>Photographer</b>	<b>Camera Coordinates</b>		<b>Photograph Date</b>	
Hudnut	38.33340	122.35286	2014:08:29 14:18:29	

[High Resolution Photograph](#)



<b>Photographer</b>	<b>Camera Coordinates</b>		<b>Photograph Date</b>	
Hudnut	38.33335	122.35284	2014:08:29 14:18:38	

[High Resolution Photograph](#)



<b>Station ID: 942</b>					<b>Observer: Ponti</b>
<b>Observation Date</b>	<b>Latitude</b>	<b>Longitude</b>	<b>Offset Feature</b>	<b>Inferred Origin</b>	
2014:09:17	38.33334	122.35281	Pavement	Uncertain	
<b>Description</b>					
Tension crack; continuous along mapped trend. Crack in pavement.					

<b>Station ID: 943</b>					<b>Observer: Hudnut</b>
<b>Observation Date</b>	<b>Latitude</b>	<b>Longitude</b>	<b>Offset Feature</b>	<b>Inferred Origin</b>	
2014:08:29	38.33336	122.35346	Soil	Uncertain	
<b>Photographer</b>	<b>Camera Coordinates</b>		<b>Photograph Date</b>		
Hudnut	38.33332	122.35342	2014:08:29 14:07:16		

[High Resolution Photograph](#)



<b>Station ID: 944</b>				<b>Observer: Hudnut</b>
<b>Observation Date</b>	<b>Latitude</b>	<b>Longitude</b>	<b>Offset Feature</b>	<b>Inferred Origin</b>
2014:08:29	38.33337	122.35402	Soil	Uncertain
<b>Photographer</b>	<b>Camera Coordinates</b>		<b>Photograph Date</b>	
Hudnut	38.33339	122.35405	2014:08:29 14:04:13	

[High Resolution Photograph](#)



<b>Photographer</b>	<b>Camera Coordinates</b>		<b>Photograph Date</b>
Hudnut	38.33340	122.35406	2014:08:29 14:04:17

[High Resolution Photograph](#)



<b>Station ID: 945</b>					<b>Observer: Ponti</b>
<b>Observation Date</b>	<b>Latitude</b>	<b>Longitude</b>	<b>Offset Feature</b>	<b>Inferred Origin</b>	
2014:09:18	38.33337	122.35402	Soil	Uncertain	
<b>Description</b>					
Tension crack; continuous along mapped trend.					

<b>Station ID: 946</b>					<b>Observer: Hudnut</b>
<b>Observation Date</b>	<b>Latitude</b>	<b>Longitude</b>	<b>Offset Feature</b>	<b>Inferred Origin</b>	
2014:08:29	38.33339	122.35393	Soil	Uncertain	
<b>Photographer</b>	<b>Camera Coordinates</b>		<b>Photograph Date</b>		
Hudnut	38.33335	122.35387	2014:08:29 14:03:53		

[High Resolution Photograph](#)



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**Station ID: 946****Observer: Hudnut**

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Photographer	Camera Coordinates		Photograph Date
Hudnut	38.33339	122.35391	2014:08:29 14:04:00

[High Resolution Photograph](#)



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Photographer	Camera Coordinates		Photograph Date
Hudnut	38.33338	122.35394	2014:08:29 14:04:03

[High Resolution Photograph](#)



<b>Station ID: 947</b>				<b>Observer: Ponti</b>		
<b>Observation Date</b>	<b>Latitude</b>	<b>Longitude</b>	<b>Offset Feature</b>	<b>Inferred Origin</b>		
2014:09:18	38.33339	122.35421	Soil	Uncertain		
<b>Description</b>						
Tension crack; continuous along mapped trend. 5 cm separation by the edge of the vineyard.						
<b>Fault Azimuth</b>	<b>Strike Slip</b>	<b>Strike-slip Sense</b>	<b>Extension</b>	<b>Compression</b>	<b>Vertical</b>	<b>Upthrown Side</b>
			5*			

<b>Station ID: 948</b>				<b>Observer: Hudnut</b>	
<b>Observation Date</b>	<b>Latitude</b>	<b>Longitude</b>	<b>Offset Feature</b>	<b>Inferred Origin</b>	
2014:08:29	38.33339	122.35421	Soil	Uncertain	
<b>Photographer</b>	<b>Camera Coordinates</b>		<b>Photograph Date</b>		
Hudnut	38.33353	122.35430	2014:08:29	13:52:20	

[High Resolution Photograph](#)



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**Station ID: 948**

**Observer: Hudnut**

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<b>Photographer</b>	<b>Camera Coordinates</b>		<b>Photograph Date</b>
Hudnut	38.33344	122.35423	2014:08:29 13:53:45

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[High Resolution Photograph](#)



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<b>Photographer</b>	<b>Camera Coordinates</b>		<b>Photograph Date</b>
Hudnut	38.33341	122.35423	2014:08:29 13:58:03

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[High Resolution Photograph](#)



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**Station ID: 948** **Observer: Hudnut**

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Photographer	Camera Coordinates		Photograph Date
Hudnut	38.33335	122.35419	2014:08:29 13:58:48

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[High Resolution Photograph](#)



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**Station ID: 949** **Observer: Hudnut**

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Observation Date	Latitude	Longitude	Offset Feature	Inferred Origin
2014:08:31	38.33339	122.35421	Soil	Uncertain

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Photographer	Camera Coordinates		Photograph Date
Hudnut	38.33342	122.35422	2014:08:31 12:51:15

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[High Resolution Photograph](#)



<b>Station ID: 950</b>				<b>Observer: Hudnut</b>
<b>Observation Date</b>	<b>Latitude</b>	<b>Longitude</b>	<b>Offset Feature</b>	<b>Inferred Origin</b>
2014:08:29	38.33341	122.35265	Soil	Uncertain
<b>Photographer</b>	<b>Camera Coordinates</b>		<b>Photograph Date</b>	
Hudnut	38.33340	122.35264	2014:08:29 13:05:06	

[High Resolution Photograph](#)



<b>Station ID: 951</b>				<b>Observer: Ponti</b>
<b>Observation Date</b>	<b>Latitude</b>	<b>Longitude</b>	<b>Offset Feature</b>	<b>Inferred Origin</b>
2014:09:17	38.33342	122.35324	Soil	Uncertain
<b>Description</b>				
Tension crack; continuous along mapped trend. Complex set of subparallel fractures over 3 m width. Mapped line is the easternmost of the set, which seems to be the most continuous along the mapped trend.				

<b>Station ID: 952</b>				<b>Observer: Ponti</b>		
<b>Observation Date</b>	<b>Latitude</b>	<b>Longitude</b>	<b>Offset Feature</b>	<b>Inferred Origin</b>		
2014:09:17	38.33343	122.35266	Soil	Uncertain		
<b>Description</b>						
Tension crack; continuous along mapped trend. 1 to 2 cm separation.						
<b>Fault Azimuth</b>	<b>Strike Slip</b>	<b>Strike-slip Sense</b>	<b>Extension</b>	<b>Compression</b>	<b>Vertical</b>	<b>Upthrown Side</b>
1-2*						

<b>Station ID: 953</b>				<b>Observer: Hudnut</b>
<b>Observation Date</b>	<b>Latitude</b>	<b>Longitude</b>	<b>Offset Feature</b>	<b>Inferred Origin</b>
2014:08:31	38.33343	122.35309	Soil	Uncertain
<b>Photographer</b>	<b>Camera Coordinates</b>		<b>Photograph Date</b>	
Hudnut	38.33348	122.35312	2014:08:31 13:03:49	

[High Resolution Photograph](#)



<b>Photographer</b>	<b>Camera Coordinates</b>		<b>Photograph Date</b>	
Hudnut	38.33343	122.35310	2014:08:31 13:04:16	

[High Resolution Photograph](#)



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**Station ID: 953**

**Observer: Hudnut**

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<b>Photographer</b>	<b>Camera Coordinates</b>		<b>Photograph Date</b>
Hudnut	38.33340	122.35308	2014:08:31 13:04:26

[High Resolution Photograph](#)



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<b>Photographer</b>	<b>Camera Coordinates</b>		<b>Photograph Date</b>
Hudnut	38.33343	122.35312	2014:08:31 13:04:42

[High Resolution Photograph](#)



<b>Station ID: 953</b>		<b>Observer: Hudnut</b>	
<b>Photographer</b>	<b>Camera Coordinates</b>		<b>Photograph Date</b>
Hudnut	38.33347	122.35311	2014:08:31 13:09:13

[High Resolution Photograph](#)



<b>Station ID: 954</b>				<b>Observer: Ponti</b>		
<b>Observation Date</b>	<b>Latitude</b>	<b>Longitude</b>	<b>Offset Feature</b>	<b>Inferred Origin</b>		
2014:09:17	38.33343	122.35309	Soil	Uncertain		
<b>Description</b>						
Tension crack; continuous along mapped trend. Sets of parallel cracks with some apparent left-lateral displacement. Fractures span a zone about 3 m wide.						
<b>Fault Azimuth</b>	<b>Strike Slip</b>	<b>Strike-slip Sense</b>	<b>Extension</b>	<b>Compression</b>	<b>Vertical</b>	<b>Upthrown Side</b>
		LL				

<b>Station ID: 955</b>				<b>Observer: Hudnut</b>
<b>Observation Date</b>	<b>Latitude</b>	<b>Longitude</b>	<b>Offset Feature</b>	<b>Inferred Origin</b>
2014:08:29	38.33343	122.35285	Pavement	Uncertain
<b>Photographer</b>	<b>Camera Coordinates</b>		<b>Photograph Date</b>	
Hudnut	38.33345	122.35290	2014:08:29 14:18:20	

[High Resolution Photograph](#)



<b>Station ID: 956</b>				<b>Observer: Ponti</b>
<b>Observation Date</b>	<b>Latitude</b>	<b>Longitude</b>	<b>Offset Feature</b>	<b>Inferred Origin</b>
2014:09:17	38.33343	122.35285	Soil	Uncertain
<b>Description</b>				
Tension crack; continuous along mapped trend. Observed in pavement.				

<b>Station ID: 957</b>				<b>Observer: Ponti</b>		
<b>Observation Date</b>	<b>Latitude</b>	<b>Longitude</b>	<b>Offset Feature</b>	<b>Inferred Origin</b>		
2014:09:17	38.33344	122.35259	Soil	Uncertain		
<b>Description</b>						
Tension crack; intermittent along mapped trend. 0.5 to 1 cm separation.						
<b>Fault Azimuth</b>	<b>Strike Slip</b>	<b>Strike-slip Sense</b>	<b>Extension</b>	<b>Compression</b>	<b>Vertical</b>	<b>Upthrown Side</b>
			0.5-1*			

<b>Station ID: 958</b>					<b>Observer: Ponti</b>
<b>Observation Date</b>	<b>Latitude</b>	<b>Longitude</b>	<b>Offset Feature</b>	<b>Inferred Origin</b>	
2014:09:18	38.33345	122.35415	Soil	Uncertain	
<b>Description</b>					
Tension crack; semi-continuous along mapped trend.					

<b>Station ID: 959</b>					<b>Observer: Hudnut</b>
<b>Observation Date</b>	<b>Latitude</b>	<b>Longitude</b>	<b>Offset Feature</b>	<b>Inferred Origin</b>	
2014:08:29	38.33346	122.35261	Soil	Uncertain	
<b>Photographer</b>	<b>Camera Coordinates</b>		<b>Photograph Date</b>		
Hudnut	38.33345	122.35259	2014:08:29 13:04:29		

[High Resolution Photograph](#)



<b>Station ID: 960</b>				<b>Observer: Hudnut</b>
<b>Observation Date</b>	<b>Latitude</b>	<b>Longitude</b>	<b>Offset Feature</b>	<b>Inferred Origin</b>
2014:08:31	38.33348	122.35312	Soil	Uncertain
<b>Photographer</b>	<b>Camera Coordinates</b>		<b>Photograph Date</b>	
Hudnut	38.33350	122.35311	2014:08:31 13:03:42	

[High Resolution Photograph](#)



<b>Station ID: 961</b>				<b>Observer: Ponti</b>		
<b>Observation Date</b>	<b>Latitude</b>	<b>Longitude</b>	<b>Offset Feature</b>	<b>Inferred Origin</b>		
2014:09:18	38.33348	122.35354	Soil	Uncertain		
<b>Description</b>						
Meandering tension crack with trend 323. Crack separation about 1.5 cm Local fracture azimuth=323 deg.						
<b>Fault Azimuth</b>	<b>Strike Slip</b>	<b>Strike-slip Sense</b>	<b>Extension</b>	<b>Compression</b>	<b>Vertical</b>	<b>Upthrown Side</b>
323			1.5*			

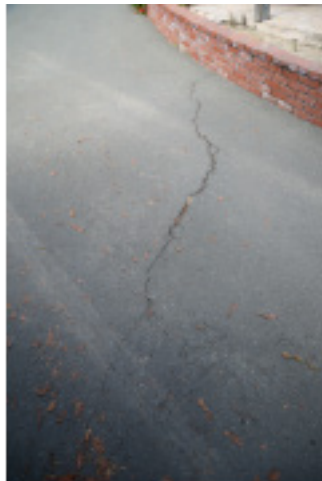
<b>Station ID: 962</b>				<b>Observer: Hudnut</b>
<b>Observation Date</b>	<b>Latitude</b>	<b>Longitude</b>	<b>Offset Feature</b>	<b>Inferred Origin</b>
2014:08:31	38.33349	122.35385	Soil	Uncertain
<b>Photographer</b>	<b>Camera Coordinates</b>		<b>Photograph Date</b>	
Hudnut	38.33348	122.35384	2014:08:31 12:58:19	

[High Resolution Photograph](#)



<b>Station ID: 963</b>				<b>Observer: Hudnut</b>
<b>Observation Date</b>	<b>Latitude</b>	<b>Longitude</b>	<b>Offset Feature</b>	<b>Inferred Origin</b>
2014:08:29	38.33349	122.35305	Pavement	Uncertain
<b>Photographer</b>	<b>Camera Coordinates</b>		<b>Photograph Date</b>	
Hudnut	38.33347	122.35303	2014:08:29 14:15:10	

[High Resolution Photograph](#)



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**Station ID: 963**

**Observer: Hudnut**

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Photographer	Camera Coordinates		Photograph Date
Hudnut	38.33347	122.35300	2014:08:29 14:20:09

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[High Resolution Photograph](#)



<b>Station ID: 964</b>				<b>Observer: Ponti</b>
<b>Observation Date</b>	<b>Latitude</b>	<b>Longitude</b>	<b>Offset Feature</b>	<b>Inferred Origin</b>
2014:09:17	38.33349	122.35305	Pavement	Uncertain
<b>Description</b>				
Tension crack; continuous along mapped trend. Observed in pavement.				

<b>Station ID: 965</b>				<b>Observer: Hudnut</b>
<b>Observation Date</b>	<b>Latitude</b>	<b>Longitude</b>	<b>Offset Feature</b>	<b>Inferred Origin</b>
2014:08:29	38.33349	122.35408	Soil	Uncertain
<b>Photographer</b>	<b>Camera Coordinates</b>		<b>Photograph Date</b>	
Hudnut	38.33347	122.35408	2014:08:29 14:04:28	

[High Resolution Photograph](#)



<b>Station ID: 965</b>		<b>Observer: Hudnut</b>	
<b>Photographer</b>	<b>Camera Coordinates</b>		<b>Photograph Date</b>
Hudnut	38.33347	122.35407	2014:08:29 14:04:32

[High Resolution Photograph](#)



<b>Station ID: 966</b>				<b>Observer: Ponti</b>
<b>Observation Date</b>	<b>Latitude</b>	<b>Longitude</b>	<b>Offset Feature</b>	<b>Inferred Origin</b>
2014:09:18	38.33349	122.35408	Soil	Uncertain
<b>Description</b>				
Tension crack; continuous along mapped trend. Short zone of cracks extending out of the open field; on UAVSAR lineament.				

<b>Station ID: 967</b>				<b>Observer: Ponti</b>		
<b>Observation Date</b>	<b>Latitude</b>	<b>Longitude</b>	<b>Offset Feature</b>	<b>Inferred Origin</b>		
2014:09:17	38.33350	122.35310	Pavement	Uncertain		
<b>Description</b>						
Vector length=3.5 cm. Vector plunge=0 deg. Vector azimuth=232 deg. Local fracture azimuth=341 deg. Fault zone azimuth=330 deg.						
<b>Fault Azimuth</b>	<b>Strike Slip</b>	<b>Strike-slip Sense</b>	<b>Extension</b>	<b>Compression</b>	<b>Vertical</b>	<b>Upthrown Side</b>
330	0.5	LL	3.5			

<b>Station ID: 968</b>					<b>Observer: Ponti</b>	
<b>Observation Date</b>	<b>Latitude</b>	<b>Longitude</b>	<b>Offset Feature</b>	<b>Inferred Origin</b>		
2014:09:18	38.33351	122.35409	Soil	Uncertain		
<b>Description</b>						
Vector length=3.5 cm. Vector plunge=10 deg. Vector azimuth=236 deg. Local fracture azimuth=322 deg.						
<b>Fault Azimuth</b>	<b>Strike Slip</b>	<b>Strike-slip Sense</b>	<b>Extension</b>	<b>Compression</b>	<b>Vertical</b>	<b>Uphrown Side</b>
322	0.2	RL	3.5		0.6	E

<b>Station ID: 969</b>					<b>Observer: Ponti</b>
<b>Observation Date</b>	<b>Latitude</b>	<b>Longitude</b>	<b>Offset Feature</b>	<b>Inferred Origin</b>	
2014:09:18	38.33352	122.35364	Soil	Uncertain	
<b>Description</b>					
Tension crack; continuous along mapped trend. Several meters to the south, zone of cracking steps to the left.					

<b>Station ID: 970</b>					<b>Observer: Hudnut</b>
<b>Observation Date</b>	<b>Latitude</b>	<b>Longitude</b>	<b>Offset Feature</b>	<b>Inferred Origin</b>	
2014:08:29	38.33354	122.35437	Soil	Uncertain	
<b>Photographer</b>	<b>Camera Coordinates</b>		<b>Photograph Date</b>		
Hudnut	38.33366	122.35435	2014:08:29 13:51:09		

[High Resolution Photograph](#)



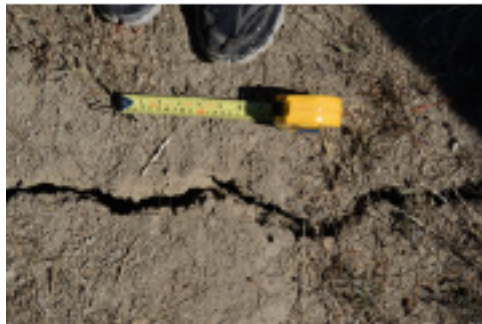
<b>Station ID: 971</b>				<b>Observer: Hudnut</b>
<b>Observation Date</b>	<b>Latitude</b>	<b>Longitude</b>	<b>Offset Feature</b>	<b>Inferred Origin</b>
2014:08:31	38.33354	122.35437	Soil	Uncertain
<b>Photographer</b>	<b>Camera Coordinates</b>		<b>Photograph Date</b>	
Hudnut	38.33350	122.35441	2014:08:31 12:45:16	

[High Resolution Photograph](#)



<b>Photographer</b>	<b>Camera Coordinates</b>		<b>Photograph Date</b>
Hudnut	38.33351	122.35440	2014:08:31 12:45:20

[High Resolution Photograph](#)



<b>Station ID: 972</b>				<b>Observer: Hudnut</b>
<b>Observation Date</b>	<b>Latitude</b>	<b>Longitude</b>	<b>Offset Feature</b>	<b>Inferred Origin</b>
2014:08:29	38.33355	122.35314	Pavement	Uncertain
<b>Photographer</b>	<b>Camera Coordinates</b>		<b>Photograph Date</b>	
Hudnut	38.33347	122.35308	2014:08:29 14:15:17	

[High Resolution Photograph](#)



<b>Photographer</b>	<b>Camera Coordinates</b>		<b>Photograph Date</b>
Hudnut	38.33348	122.35312	2014:08:29 14:15:19

[High Resolution Photograph](#)



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**Station ID: 972**

**Observer: Hudnut**

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<b>Photographer</b>	<b>Camera Coordinates</b>		<b>Photograph Date</b>
Hudnut	38.33348	122.35310	2014:08:29 14:15:22

[High Resolution Photograph](#)



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<b>Photographer</b>	<b>Camera Coordinates</b>		<b>Photograph Date</b>
Hudnut	38.33350	122.35311	2014:08:29 14:15:26

[High Resolution Photograph](#)



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**Station ID: 972**

**Observer: Hudnut**

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<b>Photographer</b>	<b>Camera Coordinates</b>		<b>Photograph Date</b>
Hudnut	38.33352	122.35312	2014:08:29 14:15:27

[High Resolution Photograph](#)



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<b>Photographer</b>	<b>Camera Coordinates</b>		<b>Photograph Date</b>
Hudnut	38.33355	122.35315	2014:08:29 14:15:33

[High Resolution Photograph](#)



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**Station ID: 972**

**Observer: Hudnut**

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Photographer	Camera Coordinates	Photograph Date
Hudnut	38.33353      122.35308	2014:08:29 14:16:32

[High Resolution Photograph](#)



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Photographer	Camera Coordinates	Photograph Date
Hudnut	38.33353      122.35308	2014:08:29 14:16:37

[High Resolution Photograph](#)



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**Station ID: 972**

**Observer: Hudnut**

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<b>Photographer</b>	<b>Camera Coordinates</b>		<b>Photograph Date</b>
Hudnut	38.33356	122.35308	2014:08:29 14:16:42

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[High Resolution Photograph](#)



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<b>Photographer</b>	<b>Camera Coordinates</b>		<b>Photograph Date</b>
Hudnut	38.33334	122.35285	2014:08:29 14:19:40

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[High Resolution Photograph](#)



<b>Station ID: 973</b>				<b>Observer: Ponti</b>
<b>Observation Date</b>	<b>Latitude</b>	<b>Longitude</b>	<b>Offset Feature</b>	<b>Inferred Origin</b>
2014:09:17	38.33355	122.35314	Pavement	Uncertain
<b>Description</b>				
Tension crack; continuous along mapped trend. Prominent, in pavement.				

<b>Station ID: 974</b>				<b>Observer: Hudnut</b>
<b>Observation Date</b>	<b>Latitude</b>	<b>Longitude</b>	<b>Offset Feature</b>	<b>Inferred Origin</b>
2014:08:29	38.33364	122.35322	Soil	Uncertain
<b>Photographer</b>	<b>Camera Coordinates</b>		<b>Photograph Date</b>	
Hudnut	38.33360	122.35320	2014:08:29 14:15:39	

[High Resolution Photograph](#)



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<b>Station ID: 975</b>				<b>Observer: Hudnut</b>
<b>Observation Date</b>	<b>Latitude</b>	<b>Longitude</b>	<b>Offset Feature</b>	<b>Inferred Origin</b>
2014:08:29	38.33368	122.35321	Soil	Uncertain
<b>Photographer</b>	<b>Camera Coordinates</b>		<b>Photograph Date</b>	
Hudnut	38.33365	122.35320	2014:08:29 14:13:31	

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[High Resolution Photograph](#)



<b>Station ID: 976</b>				<b>Observer: Ponti</b>
<b>Observation Date</b>	<b>Latitude</b>	<b>Longitude</b>	<b>Offset Feature</b>	<b>Inferred Origin</b>
2014:09:18	38.33373	122.35320	Curb/Sidewalk	Uncertain
<b>Description</b>				
Tank foundation piers pitch to the east, likely as a result of shaking. However, there are some ground cracks extending through the south west end of the tank.				
<b>Photographer</b>	<b>Camera Coordinates</b>		<b>Photograph Date</b>	
Ponti	38.33372	122.35314	2014:09:18 15:51:04	

[High Resolution Photograph](#)



<b>Station ID: 977</b>				<b>Observer: Ponti</b>		
<b>Observation Date</b>	<b>Latitude</b>	<b>Longitude</b>	<b>Offset Feature</b>	<b>Inferred Origin</b>		
2014:09:18	38.33373	122.35369	Soil	Uncertain		
<b>Description</b>						
Photo view is to the northwest. Vector length=3; Vector azimuth=237; Vector plunge=0; Fracture azimuth=327. Fault zone azimuth=327.						
<b>Fault Azimuth</b>	<b>Strike Slip</b>	<b>Strike-slip Sense</b>	<b>Extension</b>	<b>Compression</b>	<b>Vertical</b>	<b>Upthrown Side</b>
327	0		3			
<b>Photographer</b>	<b>Camera Coordinates</b>			<b>Photograph Date</b>		
Ponti	38.33371	122.35368		2014:09:18 16:37:26		

[High Resolution Photograph](#)



View is to the northwest.

<b>Station ID: 978</b>				<b>Observer: Hudnut</b>
<b>Observation Date</b>	<b>Latitude</b>	<b>Longitude</b>	<b>Offset Feature</b>	<b>Inferred Origin</b>
2014:08:29	38.33375	122.35324	Soil	Uncertain
<b>Photographer</b>	<b>Camera Coordinates</b>		<b>Photograph Date</b>	
Hudnut	38.33376	122.35324	2014:08:29 14:08:23	

[High Resolution Photograph](#)



<b>Photographer</b>	<b>Camera Coordinates</b>		<b>Photograph Date</b>	
Hudnut	38.33377	122.35324	2014:08:29 14:08:24	

[High Resolution Photograph](#)



<b>Photographer</b>	<b>Camera Coordinates</b>		<b>Photograph Date</b>	
Hudnut	38.33380	122.35318	2014:08:29 14:08:35	

[High Resolution Photograph](#)



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**Station ID: 978****Observer: Hudnut**

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<b>Photographer</b>	<b>Camera Coordinates</b>		<b>Photograph Date</b>
Hudnut	38.33370	122.35318	2014:08:29 14:09:06

[High Resolution Photograph](#)



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<b>Photographer</b>	<b>Camera Coordinates</b>		<b>Photograph Date</b>
Hudnut	38.33370	122.35318	2014:08:29 14:09:10

[High Resolution Photograph](#)



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**Station ID: 978**

**Observer: Hudnut**

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<b>Photographer</b>	<b>Camera Coordinates</b>		<b>Photograph Date</b>
Hudnut	38.33376	122.35319	2014:08:29 14:12:26

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[High Resolution Photograph](#)



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<b>Photographer</b>	<b>Camera Coordinates</b>		<b>Photograph Date</b>
Hudnut	38.33379	122.35317	2014:08:29 14:12:34

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[High Resolution Photograph](#)



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<b>Photographer</b>	<b>Camera Coordinates</b>		<b>Photograph Date</b>
Hudnut	38.33380	122.35317	2014:08:29 14:12:36

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[High Resolution Photograph](#)



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**Station ID: 978**

**Observer: Hudnut**

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<b>Photographer</b>	<b>Camera Coordinates</b>		<b>Photograph Date</b>
Hudnut	38.33378	122.35323	2014:08:29 14:12:41

[High Resolution Photograph](#)



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<b>Photographer</b>	<b>Camera Coordinates</b>		<b>Photograph Date</b>
Hudnut	38.33377	122.35325	2014:08:29 14:12:44

[High Resolution Photograph](#)



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<b>Photographer</b>	<b>Camera Coordinates</b>		<b>Photograph Date</b>
Hudnut	38.33375	122.35324	2014:08:29 14:12:48

[High Resolution Photograph](#)



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**Station ID: 978****Observer: Hudnut**

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Photographer	Camera Coordinates		Photograph Date
Hudnut	38.33374	122.35323	2014:08:29 14:12:50

[High Resolution Photograph](#)



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Photographer	Camera Coordinates		Photograph Date
Hudnut	38.33372	122.35323	2014:08:29 14:12:55

[High Resolution Photograph](#)



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Photographer	Camera Coordinates		Photograph Date
Hudnut	38.33371	122.35323	2014:08:29 14:12:57

[High Resolution Photograph](#)



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**Station ID: 978****Observer: Hudnut**

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Photographer	Camera Coordinates		Photograph Date
Hudnut	38.33371	122.35323	2014:08:29 14:13:00

[High Resolution Photograph](#)



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Photographer	Camera Coordinates		Photograph Date
Hudnut	38.33370	122.35322	2014:08:29 14:13:02

[High Resolution Photograph](#)



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Photographer	Camera Coordinates		Photograph Date
Hudnut	38.33369	122.35322	2014:08:29 14:13:04

[High Resolution Photograph](#)



<b>Station ID: 979</b>				<b>Observer: Ponti</b>		
<b>Observation Date</b>	<b>Latitude</b>	<b>Longitude</b>	<b>Offset Feature</b>	<b>Inferred Origin</b>		
2014:09:18	38.33379	122.35325	Foundation	Uncertain		
<b>Description</b>						
Apparent separation of wooden foundation. Unclear if the entire separation occurred in the earthquake or if it may have been enhanced. The crack going through the foundation has about 2 cm of separation, whereas the foundation has about 4 cm. Vector length=4; Vector azimuth=50; Vector plunge=0; Fracture azimuth=330.						
<b>Fault Azimuth</b>	<b>Strike Slip</b>	<b>Strike-slip Sense</b>	<b>Extension</b>	<b>Compression</b>	<b>Vertical</b>	<b>Upthrown Side</b>
330	0.7	LL	3.9			
<b>Photographer</b>	<b>Camera Coordinates</b>		<b>Photograph Date</b>			
Ponti	38.33381	122.35326	2014:09:18 15:48:34			

[High Resolution Photograph](#)



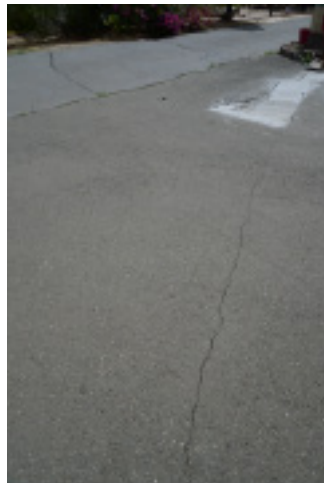
<b>Station ID: 980</b>				<b>Observer: Hudnut</b>
<b>Observation Date</b>	<b>Latitude</b>	<b>Longitude</b>	<b>Offset Feature</b>	<b>Inferred Origin</b>
2014:08:29	38.33379	122.35312	Pavement	Uncertain
<b>Photographer</b>	<b>Camera Coordinates</b>		<b>Photograph Date</b>	
Hudnut	38.33375	122.35308	2014:08:29 13:07:08	

[High Resolution Photograph](#)



<b>Photographer</b>	<b>Camera Coordinates</b>		<b>Photograph Date</b>	
Hudnut	38.33379	122.35322	2014:08:29 13:07:26	

[High Resolution Photograph](#)



**Station ID: 980** **Observer: Hudnut**

Photographer	Camera Coordinates		Photograph Date
Hudnut	38.33383	122.35323	2014:08:29 13:07:33

[High Resolution Photograph](#)



**Station ID: 981** **Observer: Ponti**

Observation Date	Latitude	Longitude	Offset Feature	Inferred Origin
2014:09:18	38.33379	122.35312	Pavement	Uncertain

**Description**

Tension crack; continuous along mapped trend. Crack parallels roadway at asphalt interface.

**Station ID: 982** **Observer: Hudnut**

Observation Date	Latitude	Longitude	Offset Feature	Inferred Origin
2014:08:29	38.33386	122.35326	Soil	Uncertain

Photographer	Camera Coordinates		Photograph Date
Hudnut	38.33384	122.35326	2014:08:29 13:18:46

[High Resolution Photograph](#)



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**Station ID: 982****Observer: Hudnut**

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<b>Photographer</b>	<b>Camera Coordinates</b>		<b>Photograph Date</b>
Hudnut	38.33384	122.35325	2014:08:29 13:18:53

[High Resolution Photograph](#)



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<b>Photographer</b>	<b>Camera Coordinates</b>		<b>Photograph Date</b>
Hudnut	38.33389	122.35326	2014:08:29 14:11:58

[High Resolution Photograph](#)



<b>Station ID: 983</b>				<b>Observer: Hudnut</b>
<b>Observation Date</b>	<b>Latitude</b>	<b>Longitude</b>	<b>Offset Feature</b>	<b>Inferred Origin</b>
2014:08:29	38.33387	122.35330	Soil	Uncertain
<b>Photographer</b>	<b>Camera Coordinates</b>		<b>Photograph Date</b>	
Hudnut	38.33393	122.35333	2014:08:29 13:09:13	

[High Resolution Photograph](#)



<b>Station ID: 984</b>					<b>Observer: Ponti</b>
<b>Observation Date</b>	<b>Latitude</b>	<b>Longitude</b>	<b>Offset Feature</b>	<b>Inferred Origin</b>	
2014:09:18	38.33392	122.35377	Soil	Uncertain	
<b>Description</b>					
Intermittent fractures here. This might be on a throughgoing trend but nothing is continuous.					

<b>Station ID: 985</b>					<b>Observer: Hudnut</b>
<b>Observation Date</b>	<b>Latitude</b>	<b>Longitude</b>	<b>Offset Feature</b>	<b>Inferred Origin</b>	
2014:08:29	38.33393	122.35331	Soil	Uncertain	
<b>Photographer</b>	<b>Camera Coordinates</b>		<b>Photograph Date</b>		
Hudnut	38.33385	122.35326	2014:08:29 13:08:57		

[High Resolution Photograph](#)



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**Station ID: 985**

**Observer: Hudnut**

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<b>Photographer</b>	<b>Camera Coordinates</b>		<b>Photograph Date</b>
Hudnut	38.33418	122.35345	2014:08:29 13:11:37

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[High Resolution Photograph](#)



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<b>Photographer</b>	<b>Camera Coordinates</b>		<b>Photograph Date</b>
Hudnut	38.33416	122.35338	2014:08:29 13:17:53

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[High Resolution Photograph](#)



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**Station ID: 985****Observer: Hudnut**

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Photographer	Camera Coordinates		Photograph Date
Hudnut	38.33387	122.35326	2014:08:29 14:11:51

[High Resolution Photograph](#)



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Photographer	Camera Coordinates		Photograph Date
Hudnut	38.33386	122.35323	2014:08:29 14:12:06

[High Resolution Photograph](#)



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**Station ID: 986****Observer: Ponti**

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Observation Date	Latitude	Longitude	Offset Feature	Inferred Origin
2014:09:18	38.33393	122.35331	Soil	Uncertain

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**Description**

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Tension crack; continuous along mapped trend. Tension crack about 3 to 4 cm wide maximum; meanders across road.

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Fault Azimuth	Strike Slip	Strike-slip Sense	Extension	Compression	Vertical	Upthrown Side
			3-4*			

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<b>Station ID: 987</b>				<b>Observer: Ponti</b>
<b>Observation Date</b>	<b>Latitude</b>	<b>Longitude</b>	<b>Offset Feature</b>	<b>Inferred Origin</b>
2014:09:18	38.33401	122.35391	Soil	Uncertain
<b>Description</b>				
Tension crack; intermittent along mapped trend. Short zone of cracking.				

<b>Station ID: 988</b>				<b>Observer: Hudnut</b>
<b>Observation Date</b>	<b>Latitude</b>	<b>Longitude</b>	<b>Offset Feature</b>	<b>Inferred Origin</b>
2014:08:29	38.33409	122.35427	Soil	Uncertain
<b>Photographer</b>	<b>Camera Coordinates</b>		<b>Photograph Date</b>	
Hudnut	38.33406	122.35423	2014:08:29 13:16:43	

[High Resolution Photograph](#)



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<b>Station ID: 989</b>				<b>Observer: Ponti</b>
<b>Observation Date</b>	<b>Latitude</b>	<b>Longitude</b>	<b>Offset Feature</b>	<b>Inferred Origin</b>
2014:09:18	38.33409	122.35427	Soil	Uncertain
<b>Photographer</b>	<b>Camera Coordinates</b>		<b>Photograph Date</b>	
Ponti	38.33409	122.35426	2014:09:18 17:33:58	

[High Resolution Photograph](#)



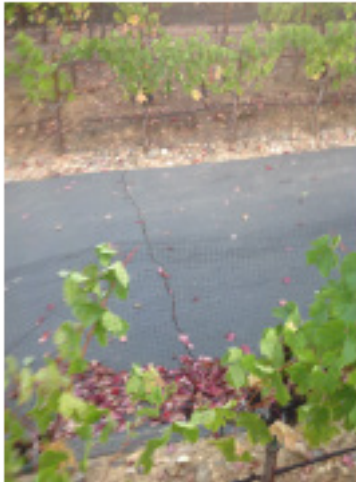
<b>Station ID: 990</b>		<b>Observer: Pickering/Crewdson</b>		
<b>Observation Date</b>	<b>Latitude</b>	<b>Longitude</b>	<b>Offset Feature</b>	<b>Inferred Origin</b>
2014:09:09	38.33410	122.35703	Soil	Uncertain
<b>Description</b>				
Compressional feature in garden gravel.				
<b>Photographer</b>	<b>Camera Coordinates</b>		<b>Photograph Date</b>	
Pickering/Crewdson			2014:09:09 14:16:08	

[High Resolution Photograph](#)



<b>Station ID: 991</b>				<b>Observer: Ponti</b>
<b>Observation Date</b>	<b>Latitude</b>	<b>Longitude</b>	<b>Offset Feature</b>	<b>Inferred Origin</b>
2014:09:11	38.33412	122.35288	Pavement	Uncertain
<b>Photographer</b>	<b>Camera Coordinates</b>		<b>Photograph Date</b>	
Ponti	38.33412	122.35286	2014:09:11 19:01:20	

[High Resolution Photograph](#)



<b>Station ID: 992</b>				<b>Observer: Ponti</b>
<b>Observation Date</b>	<b>Latitude</b>	<b>Longitude</b>	<b>Offset Feature</b>	<b>Inferred Origin</b>
2014:09:18	38.33412	122.35281	Soil	Uncertain
<b>Description</b>				
Tension crack; intermittent along mapped trend. Discontinuous hairline fracture extends for a couple of meters through the vineyard.				

<b>Station ID: 993</b>				<b>Observer: Hudnut</b>
<b>Observation Date</b>	<b>Latitude</b>	<b>Longitude</b>	<b>Offset Feature</b>	<b>Inferred Origin</b>
2014:08:29	38.33413	122.35384	Soil	Uncertain
<b>Photographer</b>	<b>Camera Coordinates</b>		<b>Photograph Date</b>	
Hudnut	38.33406	122.35379	2014:08:29 13:17:22	

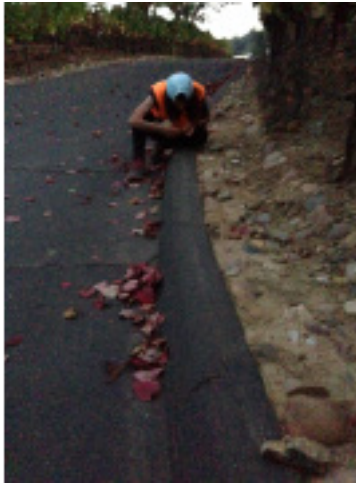
High Resolution Photograph



<b>Station ID: 994</b>				<b>Observer: Ponti</b>		
<b>Observation Date</b>	<b>Latitude</b>	<b>Longitude</b>	<b>Offset Feature</b>	<b>Inferred Origin</b>		
2014:09:18	38.33413	122.35291	Curb/Sidewalk	Uncertain		
<b>Description</b>						
Apparent right lateral offset of curb of a few millimeters. Curb crack cannot be followed onto the roadway for more than about 30 cm.						
<b>Fault Azimuth</b>	<b>Strike Slip</b>	<b>Strike-slip Sense</b>	<b>Extension</b>	<b>Compression</b>	<b>Vertical</b>	<b>Upthrown Side</b>
	<0.5	RL				

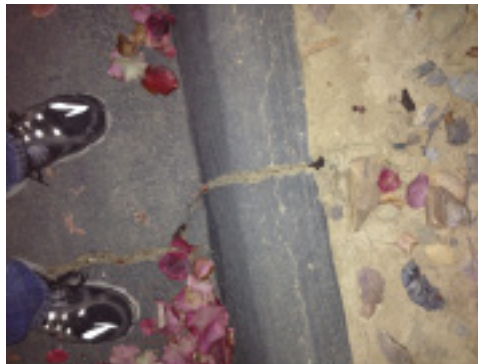
<b>Station ID: 995</b>				<b>Observer: Ponti</b>
<b>Observation Date</b>	<b>Latitude</b>	<b>Longitude</b>	<b>Offset Feature</b>	<b>Inferred Origin</b>
2014:09:11	38.33416	122.35290	Curb/Sidewalk	Uncertain
<b>Photographer</b>	<b>Camera Coordinates</b>		<b>Photograph Date</b>	
Ponti	38.33411	122.35285	2014:09:11 19:45:08	

[High Resolution Photograph](#)



<b>Photographer</b>	<b>Camera Coordinates</b>		<b>Photograph Date</b>	
Ponti	38.33416	122.35289	2014:09:11 19:45:42	

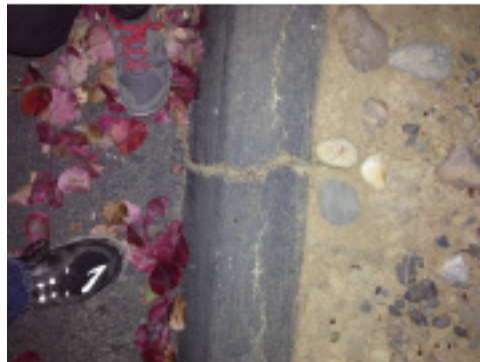
[High Resolution Photograph](#)



<b>Station ID: 996</b>					<b>Observer: Ponti</b>
<b>Observation Date</b>	<b>Latitude</b>	<b>Longitude</b>	<b>Offset Feature</b>	<b>Inferred Origin</b>	
2014:09:22	38.33419	122.35291	Soil	Uncertain	
<b>Description</b>					
Tension crack; intermittent along mapped trend. Faint, discontinuous cracking.					

<b>Station ID: 997</b>					<b>Observer: Ponti</b>
<b>Observation Date</b>	<b>Latitude</b>	<b>Longitude</b>	<b>Offset Feature</b>	<b>Inferred Origin</b>	
2014:09:11	38.33419	122.35287	Curb/Sidewalk	Uncertain	
<b>Photographer</b>	<b>Camera Coordinates</b>		<b>Photograph Date</b>		
Ponti	38.33419	122.35286	2014:09:11	19:46:28	

[High Resolution Photograph](#)



<b>Station ID: 998</b>					<b>Observer: Ponti</b>
<b>Observation Date</b>	<b>Latitude</b>	<b>Longitude</b>	<b>Offset Feature</b>	<b>Inferred Origin</b>	
2014:09:22	38.33421	122.35294	Soil	Uncertain	
<b>Description</b>					
Tension crack; continuous along mapped trend. Very small cracks.					

<b>Station ID: 999</b>					<b>Observer: Hudnut</b>
<b>Observation Date</b>	<b>Latitude</b>	<b>Longitude</b>	<b>Offset Feature</b>	<b>Inferred Origin</b>	
2014:08:29	38.33426	122.35345	Soil	Uncertain	
<b>Photographer</b>	<b>Camera Coordinates</b>		<b>Photograph Date</b>		
Hudnut	38.33426	122.35344	2014:08:29 13:11:22		

[High Resolution Photograph](#)



**Station ID: 999** **Observer: Hudnut**

Photographer	Camera Coordinates		Photograph Date
Hudnut	38.33419	122.35341	2014:08:29 13:11:31

[High Resolution Photograph](#)



**Station ID: 1000** **Observer: Ponti**

Observation Date	Latitude	Longitude	Offset Feature	Inferred Origin
2014:09:18	38.33426	122.35345	Soil	Uncertain

**Description**

Tension crack; intermittent along mapped trend. May be more continuous than appears but there's been traffic on the dirt roadway that has disrupted the appearance of the zone.

**Station ID: 1001** **Observer: Ponti**

Observation Date	Latitude	Longitude	Offset Feature	Inferred Origin
2014:09:22	38.33427	122.35293	Soil	Uncertain

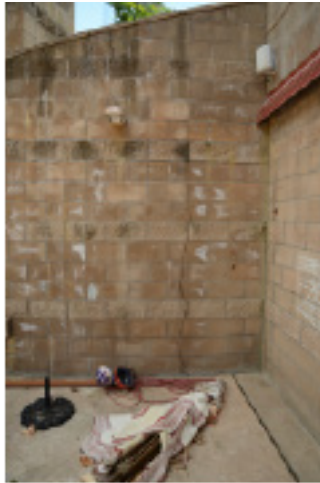
**Description**

Tension crack; intermittent along mapped trend. Small zone of fractures; separation about 0.5 cm. No obvious lateral displacement.

Fault Azimuth	Strike Slip	Strike-slip Sense	Extension	Compression	Vertical	Upthrown Side
			0.5*			

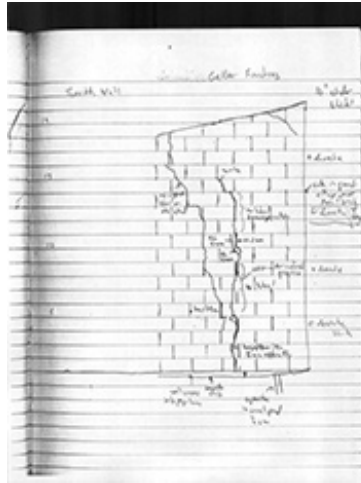
<b>Station ID: 1002</b>				<b>Observer: Hudnut</b>
<b>Observation Date</b>	<b>Latitude</b>	<b>Longitude</b>	<b>Offset Feature</b>	<b>Inferred Origin</b>
2014:08:29	38.33432	122.35300	Wall/Fence	Uncertain
<b>Photographer</b>	<b>Camera Coordinates</b>		<b>Photograph Date</b>	
Hudnut	38.33436	122.35297	2014:08:29 13:24:46	

[High Resolution Photograph](#)



Station ID: 1003				Observer: Ponti
Observation Date	Latitude	Longitude	Offset Feature	Inferred Origin
2014:09:18	38.33432	122.35300	Wall/Fence	Uncertain
Photographer	Camera Coordinates		Photograph Date	
Ponti			2014:08:29	

[High Resolution Photograph](#)



Sketch of cracks in cellar wall, south wall

Photographer	Camera Coordinates	Photograph Date	
Ponti	38.33432	122.35297	2014:09:18 13:42:41

[High Resolution Photograph](#)



<b>Station ID: 1004</b>				<b>Observer: Ponti</b>
<b>Observation Date</b>	<b>Latitude</b>	<b>Longitude</b>	<b>Offset Feature</b>	<b>Inferred Origin</b>
2014:09:22	38.33432	122.35300	Wall/Fence	Uncertain
<b>Photographer</b>	<b>Camera Coordinates</b>		<b>Photograph Date</b>	
Ponti	38.33437	122.35292	2014:09:22 17:31:28	

[High Resolution Photograph](#)



<b>Station ID: 1005</b>				<b>Observer: Hudnut</b>
<b>Observation Date</b>	<b>Latitude</b>	<b>Longitude</b>	<b>Offset Feature</b>	<b>Inferred Origin</b>
2014:08:29	38.33433	122.35300	Curb/Sidewalk	Uncertain
<b>Photographer</b>	<b>Camera Coordinates</b>		<b>Photograph Date</b>	
Hudnut	38.33430	122.35299	2014:08:29 13:25:21	

[High Resolution Photograph](#)



<b>Station ID: 1006</b>				<b>Observer: Ponti</b>
<b>Observation Date</b>	<b>Latitude</b>	<b>Longitude</b>	<b>Offset Feature</b>	<b>Inferred Origin</b>
2014:09:22	38.33434	122.35349	Soil	Uncertain
<b>Description</b>				
Tension crack; intermittent along mapped trend. Discontinuous, meandering cracks appear to line up with the more continuous cracking adjacent to the water tank to the south.				

<b>Station ID: 1007</b>				<b>Observer: Hudnut</b>
<b>Observation Date</b>	<b>Latitude</b>	<b>Longitude</b>	<b>Offset Feature</b>	<b>Inferred Origin</b>
2014:08:29	38.33437	122.35303	Curb/Sidewalk	Uncertain
<b>Photographer</b>	<b>Camera Coordinates</b>		<b>Photograph Date</b>	
Hudnut	38.33439	122.35299	2014:08:29 13:25:49	

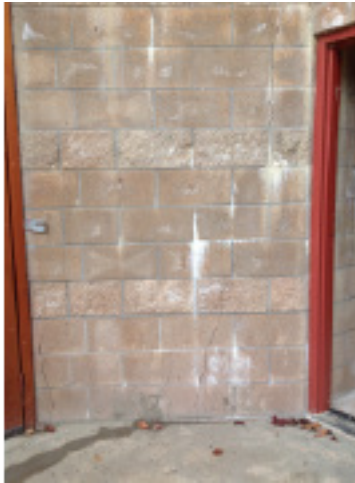
[High Resolution Photograph](#)



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<b>Station ID: 1008</b>				<b>Observer: Ponti</b>
<b>Observation Date</b>	<b>Latitude</b>	<b>Longitude</b>	<b>Offset Feature</b>	<b>Inferred Origin</b>
2014:09:18	38.33437	122.35303	Wall/Fence	Uncertain
<b>Photographer</b>	<b>Camera Coordinates</b>		<b>Photograph Date</b>	
Ponti	38.33438	122.35296	2014:09:18 13:43:16	

[High Resolution Photograph](#)



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**Station ID: 1009** **Observer: Ponti**

Observation Date	Latitude	Longitude	Offset Feature	Inferred Origin
2014:09:22	38.33437	122.35303	Wall/Fence	Uncertain

Photographer	Camera Coordinates	Photograph Date
Ponti		2014:09:22

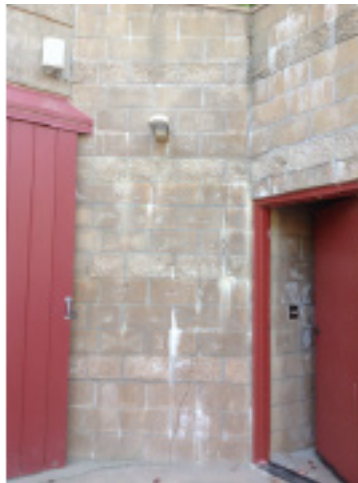
[High Resolution Photograph](#)



Sketch of cracks in cellar wall, north wall

Photographer	Camera Coordinates	Photograph Date
Ponti	38.33435	122.35287 2014:09:22 17:30:52

[High Resolution Photograph](#)



<b>Station ID: 1010</b>				<b>Observer: Ponti</b>
<b>Observation Date</b>	<b>Latitude</b>	<b>Longitude</b>	<b>Offset Feature</b>	<b>Inferred Origin</b>
2014:09:18	38.33439	122.35297	Wall/Fence	Uncertain
<b>Description</b>				
Small fractures in cinderblock wall of wine cellar. Southernmost wall has slight right lateral offset in the lower portion and none in the upper portion. Northernmost wall has two fractures: one near the door that shows some left lateral offset.				

<b>Station ID: 1011</b>				<b>Observer: Ponti</b>
<b>Observation Date</b>	<b>Latitude</b>	<b>Longitude</b>	<b>Offset Feature</b>	<b>Inferred Origin</b>
2014:09:22	38.33442	122.35415	Soil	Uncertain
<b>Description</b>				
Tension crack; intermittent along mapped trend. Small set of cracks along this trend.				

<b>Station ID: 1012</b>				<b>Observer: Ponti</b>
<b>Observation Date</b>	<b>Latitude</b>	<b>Longitude</b>	<b>Offset Feature</b>	<b>Inferred Origin</b>
2014:09:22	38.33442	122.35302	Soil	Uncertain
<b>Description</b>				
Tension crack; continuous along mapped trend. Small crack, can only be followed for a couple of meters. Ground conditions are not good for viewing cracks here, many leaves and loose soil piles.				

<b>Station ID: 1013</b>				<b>Observer: Ponti</b>
<b>Observation Date</b>	<b>Latitude</b>	<b>Longitude</b>	<b>Offset Feature</b>	<b>Inferred Origin</b>
2014:09:22	38.33460	122.35371	Soil	Uncertain
<b>Description</b>				
Tension crack; intermittent along mapped trend. Appears to line up with the fractures by the water tank to the south.				

<b>Station ID: 1014</b>				<b>Observer: Ponti</b>
<b>Observation Date</b>	<b>Latitude</b>	<b>Longitude</b>	<b>Offset Feature</b>	<b>Inferred Origin</b>
2014:09:22	38.33460	122.35469	Pavement	Uncertain
<b>Description</b>				
Tension crack; continuous along mapped trend. In pavement and retaining wall. No obvious lateral displacement.				
<b>Photographer</b>	<b>Camera Coordinates</b>		<b>Photograph Date</b>	
Ponti	38.33463	122.35468	2014:09:22 17:05:07	

[High Resolution Photograph](#)



<b>Station ID: 1015</b>				<b>Observer: Criley</b>
<b>Observation Date</b>	<b>Latitude</b>	<b>Longitude</b>	<b>Offset Feature</b>	<b>Inferred Origin</b>
2014:09:09	38.33469	122.35550	Soil	Uncertain
<b>Photographer</b>	<b>Camera Coordinates</b>		<b>Photograph Date</b>	
Criley	38.33469	122.35548	2014:09:09 10:40:59	

[High Resolution Photograph](#)



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**Station ID: 1015**

**Observer: Criley**

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<b>Photographer</b>	<b>Camera Coordinates</b>		<b>Photograph Date</b>
Criley	38.33467	122.35551	2014:09:09 10:41:13

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[High Resolution Photograph](#)



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<b>Photographer</b>	<b>Camera Coordinates</b>		<b>Photograph Date</b>
Criley	38.33469	122.35550	2014:09:09 10:41:24

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[High Resolution Photograph](#)



<b>Station ID: 1015</b>	<b>Observer: Criley</b>
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Photographer	Camera Coordinates	Photograph Date
Criley	38.33469      122.35550	2014:09:09 10:41:26

[High Resolution Photograph](#)



<b>Station ID: 1016</b>	<b>Observer: Ponti</b>
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Observation Date	Latitude	Longitude	Offset Feature	Inferred Origin
2014:09:22	38.33480	122.35465	Soil	Uncertain

**Description**

Tension crack; continuous along mapped trend. Fracture trends approximately 330.

Fault Azimuth	Strike Slip	Strike-slip Sense	Extension	Compression	Vertical	Upthrown Side
330						

<b>Station ID: 1017</b>		<b>Observer: Pickering/Crewdson</b>		
<b>Observation Date</b>	<b>Latitude</b>	<b>Longitude</b>	<b>Offset Feature</b>	<b>Inferred Origin</b>
2014:09:10	38.33486	122.36021	Pavement	Uncertain
<b>Description</b>				
Road cracks.				

<b>Station ID: 1018</b>		<b>Observer: Pickering/Crewdson</b>		
<b>Observation Date</b>	<b>Latitude</b>	<b>Longitude</b>	<b>Offset Feature</b>	<b>Inferred Origin</b>
2014:09:09	38.33508	122.35910	Pavement	Uncertain
<b>Description</b>				
Compressional fracture in driveway.				

<b>Photographer</b>	<b>Camera Coordinates</b>	<b>Photograph Date</b>
Pickering/Crewdson		2014:09:09 14:41:04

[High Resolution Photograph](#)



<b>Station ID: 1019</b>		<b>Observer: Ponti</b>				
<b>Observation Date</b>	<b>Latitude</b>	<b>Longitude</b>	<b>Offset Feature</b>	<b>Inferred Origin</b>		
2014:09:22	38.33519	122.35547	Soil	Uncertain		
<b>Description</b>						
Tension crack; continuous along mapped trend. Small crack less than 1 cm separation extends for several meters on trend 285 deg.						
<b>Fault Azimuth</b>	<b>Strike Slip</b>	<b>Strike-slip Sense</b>	<b>Extension</b>	<b>Compression</b>	<b>Vertical</b>	<b>Upthrown Side</b>
285			1*			

<b>Station ID: 1020</b>				<b>Observer: Ponti</b>
<b>Observation Date</b>	<b>Latitude</b>	<b>Longitude</b>	<b>Offset Feature</b>	<b>Inferred Origin</b>
2014:09:22	38.33522	122.35560	Soil	Uncertain
<b>Description</b>				
Tension crack; continuous along mapped trend. No obvious lateral offset.				

<b>Station ID: 1021</b>				<b>Observer: Ponti</b>
<b>Observation Date</b>	<b>Latitude</b>	<b>Longitude</b>	<b>Offset Feature</b>	<b>Inferred Origin</b>
2014:09:22	38.33522	122.35523	Soil	Uncertain
<b>Description</b>				
Tension crack; intermittent along mapped trend. No lateral offset.				

<b>Station ID: 1022</b>				<b>Observer: Ponti</b>
<b>Observation Date</b>	<b>Latitude</b>	<b>Longitude</b>	<b>Offset Feature</b>	<b>Inferred Origin</b>
2014:09:22	38.33527	122.35619	Soil	Uncertain
<b>Description</b>				
Tension crack; continuous along mapped trend. Fracture dies out to the south and may be present but obscured by vegetation to the north. No obvious lateral displacement.				
<b>Photographer</b>	<b>Camera Coordinates</b>		<b>Photograph Date</b>	
Ponti	38.33525	122.35618	2014:09:22 16:42:25	

[High Resolution Photograph](#)



<b>Station ID: 1023</b>				<b>Observer: Ponti</b>
<b>Observation Date</b>	<b>Latitude</b>	<b>Longitude</b>	<b>Offset Feature</b>	<b>Inferred Origin</b>
2014:09:22	38.33528	122.35561	Soil	Uncertain
<b>Description</b>				
Tension crack; continuous along mapped trend. Prominent.				

<b>Station ID: 1024</b>				<b>Observer: Pickering/Crewdson</b>
<b>Observation Date</b>	<b>Latitude</b>	<b>Longitude</b>	<b>Offset Feature</b>	<b>Inferred Origin</b>
2014:09:09	38.33533	122.35930	Soil	Uncertain
<b>Description</b>				
Parallel fractures in lawn.				

<b>Photographer</b>	<b>Camera Coordinates</b>	<b>Photograph Date</b>
Pickering/Crewdson		2014:09:09 14:44:59

[High Resolution Photograph](#)



<b>Station ID: 1025</b>				<b>Observer: Ponti</b>
<b>Observation Date</b>	<b>Latitude</b>	<b>Longitude</b>	<b>Offset Feature</b>	<b>Inferred Origin</b>
2014:09:22	38.33533	122.35602	Soil	Uncertain
<b>Description</b>				
Tension crack; continuous along mapped trend. Prominent crack across trail, but cannot observe fractures in the tall grass to the north. No obvious lateral displacement.				

<b>Station ID: 1026</b>				<b>Observer: Ponti</b>		
<b>Observation Date</b>	<b>Latitude</b>	<b>Longitude</b>	<b>Offset Feature</b>	<b>Inferred Origin</b>		
2014:09:22	38.33534	122.35546	Soil	Uncertain		
<b>Description</b>						
Tension crack; continuous along mapped trend. Prominent fracture, 2 to 3 cm separation.						
<b>Fault Azimuth</b>	<b>Strike Slip</b>	<b>Strike-slip Sense</b>	<b>Extension</b>	<b>Compression</b>	<b>Vertical</b>	<b>Upthrown Side</b>
			2-3*			

<b>Station ID: 1027</b>				<b>Observer: Ponti</b>		
<b>Observation Date</b>	<b>Latitude</b>	<b>Longitude</b>	<b>Offset Feature</b>	<b>Inferred Origin</b>		
2014:09:22	38.33537	122.35548	Soil	Uncertain		
<b>Description</b>						
Vector length=3 cm. Vector plunge=0 deg. Vector azimuth=240 deg. Local fracture azimuth=345 deg.						
<b>Fault Azimuth</b>	<b>Strike Slip</b>	<b>Strike-slip Sense</b>	<b>Extension</b>	<b>Compression</b>	<b>Vertical</b>	<b>Upthrown Side</b>
345	0.8	LL	2.9			

<b>Station ID: 1028</b>				<b>Observer: Ponti</b>
<b>Observation Date</b>	<b>Latitude</b>	<b>Longitude</b>	<b>Offset Feature</b>	<b>Inferred Origin</b>
2014:09:22	38.33537	122.35573	Soil	Uncertain
<b>Description</b>				
Tension crack; continuous along mapped trend. No obvious lateral offset.				

<b>Station ID: 1029</b>				<b>Observer: Ponti</b>		
<b>Observation Date</b>	<b>Latitude</b>	<b>Longitude</b>	<b>Offset Feature</b>	<b>Inferred Origin</b>		
2014:09:22	38.33537	122.35542	Soil	Uncertain		
<b>Description</b>						
Tension crack; continuous along mapped trend. 1 to 2 cm separation but only about 2 meters long.						
<b>Fault Azimuth</b>	<b>Strike Slip</b>	<b>Strike-slip Sense</b>	<b>Extension</b>	<b>Compression</b>	<b>Vertical</b>	<b>Upthrown Side</b>
			1-2*			

<b>Station ID: 1030</b>				<b>Observer: Ponti</b>		
Observation Date	Latitude	Longitude	Offset Feature	Inferred Origin		
2014:09:22	38.33571	122.35650	Soil	Uncertain		
Description						
Tension crack; continuous along mapped trend. Large crack with apparent left-lateral offset. Owner explained that waterline broke along this fracture. Line was extended and displaced left-laterally a total of about 10 cm.						
Fault Azimuth	Strike Slip	Strike-slip Sense	Extension	Compression	Vertical	Upthrown Side
	10*	LL				

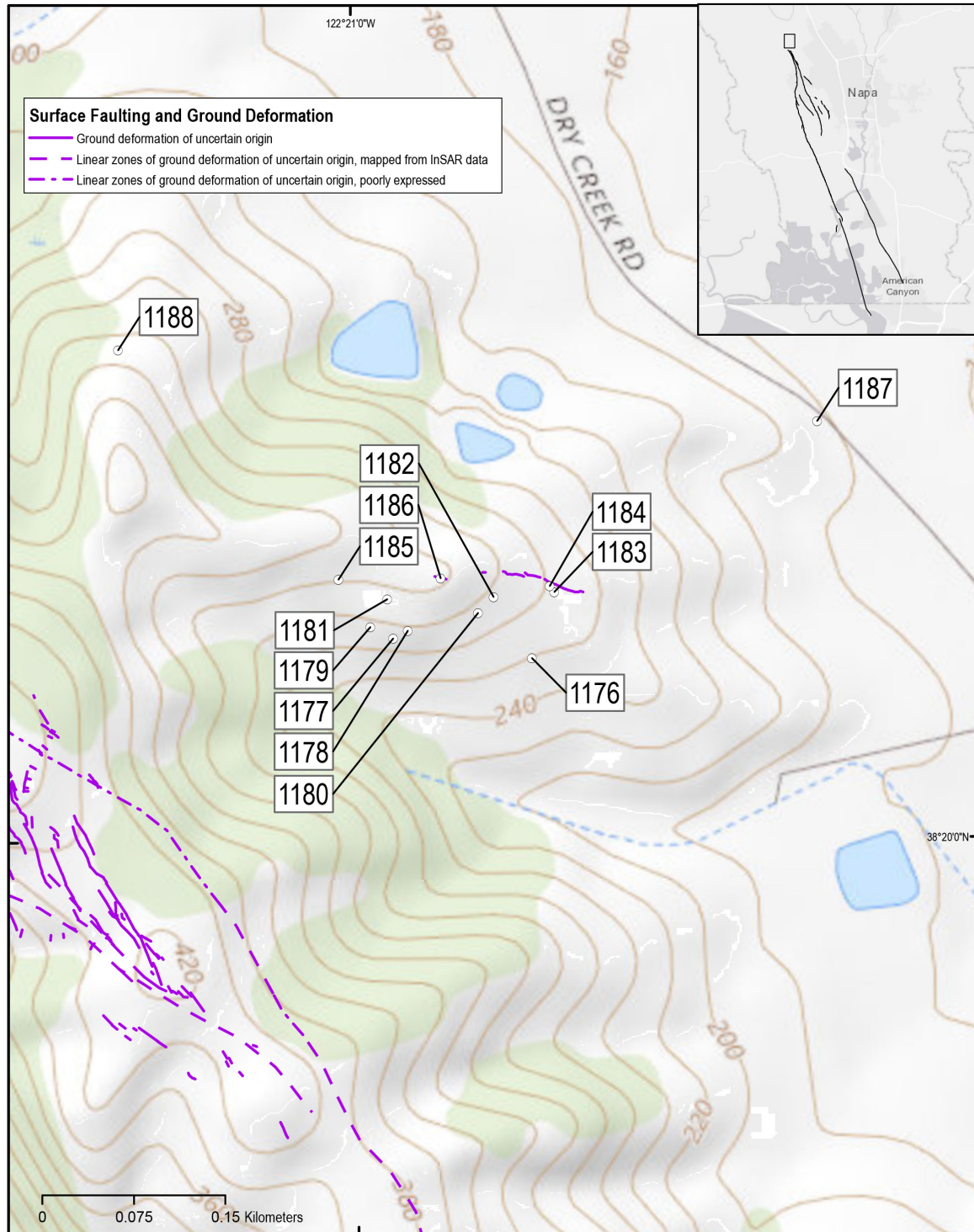
<b>Station ID: 1031</b>				<b>Observer: Ponti</b>	
Observation Date	Latitude	Longitude	Offset Feature	Inferred Origin	
2014:09:22	38.33574	122.35655	Soil	Uncertain	
Description					
Subparallel set of tensions cracks approximately 3 m across through lavender field. Photo to the northwest.					
Photographer	Camera Coordinates		Photograph Date		
Ponti	38.33574	122.35654	2014:09:22 16:25:05		

[High Resolution Photograph](#)



<b>Station ID: 1032</b>				<b>Observer: Ponti</b>		
Observation Date	Latitude	Longitude	Offset Feature	Inferred Origin		
2014:09:22	38.33578	122.35656	Soil	Uncertain		
Description						
Vector length=5 cm. Vector plunge=0 deg. Vector azimuth=192 deg. Local fracture azimuth=300 deg.						
Fault Azimuth	Strike Slip	Strike-slip Sense	Extension	Compression	Vertical	Upthrown Side
300	1.5	LL	4.8			

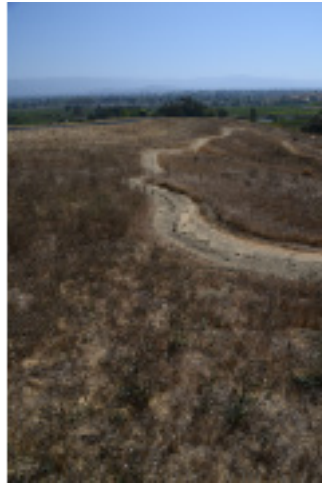
## Region K



**Figure 11.2.** Ground deformation map showing locations of observation stations 1176–1188 in Region K of the West Napa Fault System, California, 500 m northeast of northern terminus of Trace A. Inset shows location of fig. 11.2 relative to full extent of rupture. Shaded relief base from U.S. Geological Survey National Map <https://viewer.nationalmap.gov/advanced-viewer/>.

<b>Station ID: 1176</b>				<b>Observer: Hudnut</b>
<b>Observation Date</b>	<b>Latitude</b>	<b>Longitude</b>	<b>Offset Feature</b>	<b>Inferred Origin</b>
2014:09:05	38.33468	122.34834	Soil	Uncertain
<b>Photographer</b>	<b>Camera Coordinates</b>		<b>Photograph Date</b>	
Hudnut	38.33473	122.34840	2014:09:05 11:52:47	

High Resolution Photograph



<b>Station ID: 1177</b>				<b>Observer: Hudnut</b>
<b>Observation Date</b>	<b>Latitude</b>	<b>Longitude</b>	<b>Offset Feature</b>	<b>Inferred Origin</b>
2014:09:05	38.33483	122.34965	Pavement	Uncertain
<b>Photographer</b>	<b>Camera Coordinates</b>		<b>Photograph Date</b>	
Hudnut	38.33483	122.34963	2014:09:05 11:21:26	

High Resolution Photograph



<b>Station ID: 1178</b>				<b>Observer: Hudnut</b>
<b>Observation Date</b>	<b>Latitude</b>	<b>Longitude</b>	<b>Offset Feature</b>	<b>Inferred Origin</b>
2014:09:05	38.33489	122.34951	Curb/Sidewalk	Uncertain
<b>Photographer</b>	<b>Camera Coordinates</b>		<b>Photograph Date</b>	
Hudnut	38.33488	122.34949	2014:09:05 11:21:59	

[High Resolution Photograph](#)



<b>Station ID: 1179</b>				<b>Observer: Hudnut</b>
<b>Observation Date</b>	<b>Latitude</b>	<b>Longitude</b>	<b>Offset Feature</b>	<b>Inferred Origin</b>
2014:09:05	38.33492	122.34986	Soil	Uncertain
<b>Photographer</b>	<b>Camera Coordinates</b>		<b>Photograph Date</b>	
Hudnut	38.33504	122.34948	2014:09:05 11:19:42	

[High Resolution Photograph](#)



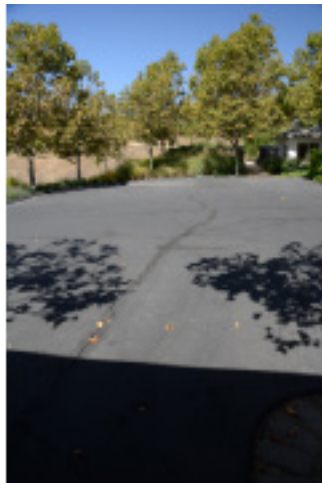
<b>Station ID: 1180</b>				<b>Observer: Hudnut</b>
<b>Observation Date</b>	<b>Latitude</b>	<b>Longitude</b>	<b>Offset Feature</b>	<b>Inferred Origin</b>
2014:09:05	38.33502	122.34884	Pavement	Uncertain
<b>Photographer</b>	<b>Camera Coordinates</b>		<b>Photograph Date</b>	
Hudnut	38.33502	122.34885	2014:09:05 11:24:23	

[High Resolution Photograph](#)



<b>Station ID: 1181</b>				<b>Observer: Hudnut</b>
<b>Observation Date</b>	<b>Latitude</b>	<b>Longitude</b>	<b>Offset Feature</b>	<b>Inferred Origin</b>
2014:09:05	38.33512	122.34970	Pavement	Uncertain
<b>Photographer</b>	<b>Camera Coordinates</b>		<b>Photograph Date</b>	
Hudnut			2014:09:05 11:15:22	

[High Resolution Photograph](#)



<b>Station ID: 1182</b>				<b>Observer: Hudnut</b>
<b>Observation Date</b>	<b>Latitude</b>	<b>Longitude</b>	<b>Offset Feature</b>	<b>Inferred Origin</b>
2014:09:05	38.33513	122.34870	Pavement	Uncertain
<b>Photographer</b>	<b>Camera Coordinates</b>		<b>Photograph Date</b>	
Hudnut	38.33514	122.34870	2014:09:05 11:24:49	

[High Resolution Photograph](#)



<b>Station ID: 1183</b>				<b>Observer: Hudnut</b>
<b>Observation Date</b>	<b>Latitude</b>	<b>Longitude</b>	<b>Offset Feature</b>	<b>Inferred Origin</b>
2014:09:05	38.33517	122.34813	Soil	Uncertain
<b>Photographer</b>	<b>Camera Coordinates</b>		<b>Photograph Date</b>	
Hudnut	38.33521	122.34807	2014:09:05 11:26:04	

[High Resolution Photograph](#)



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**Station ID: 1183****Observer: Hudnut**

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<b>Photographer</b>	<b>Camera Coordinates</b>		<b>Photograph Date</b>
Hudnut	38.33517	122.34799	2014:09:05 11:28:31

[High Resolution Photograph](#)



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<b>Photographer</b>	<b>Camera Coordinates</b>		<b>Photograph Date</b>
Hudnut	38.33519	122.34796	2014:09:05 11:28:38

[High Resolution Photograph](#)



<b>Station ID: 1184</b>		<b>Observer: Zaccone</b>		
<b>Observation Date</b>	<b>Latitude</b>	<b>Longitude</b>	<b>Offset Feature</b>	<b>Inferred Origin</b>
2014:09:04	38.33521	122.34817	Soil	Uncertain
<b>Description</b>				
Dry Creek Road.				
<b>Photographer</b>	<b>Camera Coordinates</b>		<b>Photograph Date</b>	
Zaccone			2014:09:04 13:37:43	

[High Resolution Photograph](#)



<b>Station ID: 1185</b>				<b>Observer: Hudnut</b>
<b>Observation Date</b>	<b>Latitude</b>	<b>Longitude</b>	<b>Offset Feature</b>	<b>Inferred Origin</b>
2014:09:05	38.33527	122.35016	Soil	Uncertain
<b>Photographer</b>	<b>Camera Coordinates</b>		<b>Photograph Date</b>	
Hudnut	38.33537	122.35020	2014:09:05 11:48:27	

[High Resolution Photograph](#)



<b>Station ID: 1186</b>				<b>Observer: Hudnut</b>
<b>Observation Date</b>	<b>Latitude</b>	<b>Longitude</b>	<b>Offset Feature</b>	<b>Inferred Origin</b>
2014:09:05	38.33528	122.34920	Soil	Uncertain
<b>Photographer</b>	<b>Camera Coordinates</b>		<b>Photograph Date</b>	
Hudnut	38.33527	122.34926	2014:09:05 11:45:40	

[High Resolution Photograph](#)



<b>Station ID: 1187</b>				<b>Observer: Rubin</b>		
<b>Observation Date</b>	<b>Latitude</b>	<b>Longitude</b>	<b>Offset Feature</b>	<b>Inferred Origin</b>		
2014:08:27	38.33642	122.34565	Pavement	Uncertain		
<b>Description</b>						
Pre-existing crack nearly perpendicular across Dry Creek Road. Open						
<b>Fault Azimuth</b>	<b>Strike Slip</b>	<b>Strike-slip Sense</b>	<b>Extension</b>	<b>Compression</b>	<b>Vertical</b>	<b>Upthrown Side</b>
			<1*		<1*	not reported

<b>Station ID: 1188</b>				<b>Observer: Criley</b>	
<b>Observation Date</b>	<b>Latitude</b>	<b>Longitude</b>	<b>Offset Feature</b>	<b>Inferred Origin</b>	
2014:08:28	38.33698	122.35221	Pavement	Uncertain	
<b>Photographer</b>	<b>Camera Coordinates</b>		<b>Photograph Date</b>		
Criley	38.33695	122.35212	2014:08:28	14:00:08	

[High Resolution Photograph](#)



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**Station ID: 1188****Observer: Criley**

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<b>Photographer</b>	<b>Camera Coordinates</b>		<b>Photograph Date</b>
Criley	38.33697	122.35217	2014:08:28 14:00:22

[High Resolution Photograph](#)



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<b>Photographer</b>	<b>Camera Coordinates</b>		<b>Photograph Date</b>
Criley	38.33694	122.35226	2014:08:28 14:00:26

[High Resolution Photograph](#)



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<b>Photographer</b>	<b>Camera Coordinates</b>		<b>Photograph Date</b>
Criley	38.33689	122.35239	2014:08:28 14:00:29

[High Resolution Photograph](#)



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**Station ID: 1188**

**Observer: Criley**

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<b>Photographer</b>	<b>Camera Coordinates</b>		<b>Photograph Date</b>
Criley	38.33694	122.35223	2014:08:28 14:00:41

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[High Resolution Photograph](#)



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<b>Photographer</b>	<b>Camera Coordinates</b>		<b>Photograph Date</b>
Criley	38.33698	122.35223	2014:08:28 14:02:15

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[High Resolution Photograph](#)

