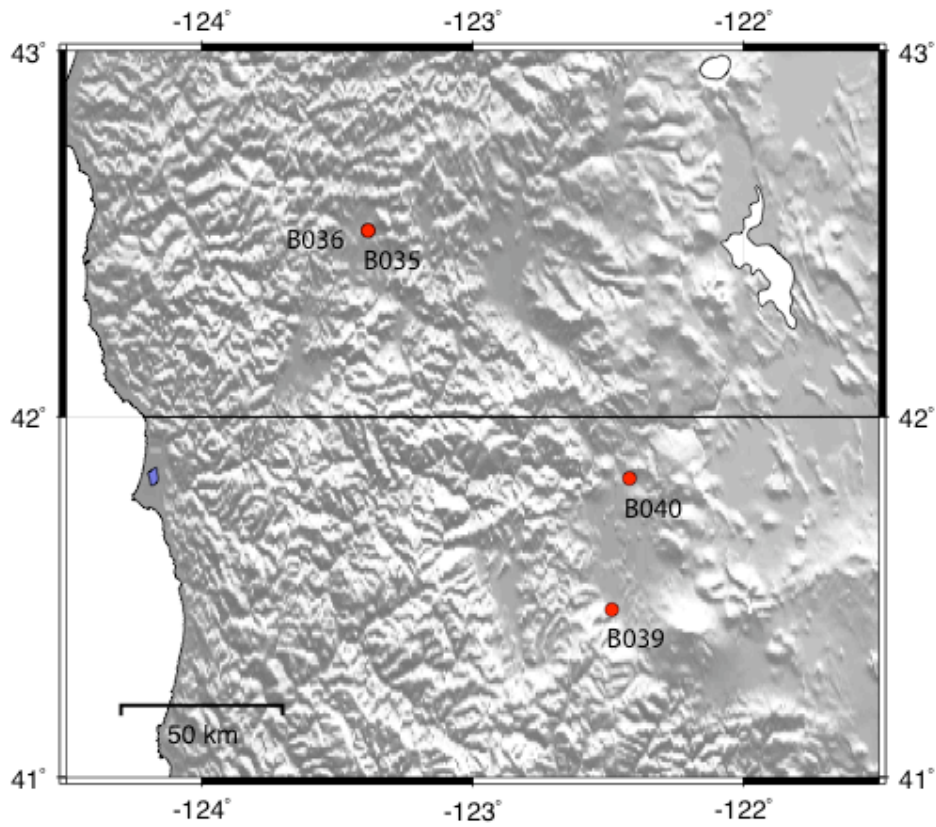


Station Notes for B039, cofflt039bcn2007

Latitude:	41.4667 (WGS 84)
Longitude:	-122.4847 (WGS 84)
Elevation:	923.9 m / 3031 ft
Install Depth: ¹	209.40 m / 687 ft
Orientations: ²	CH0= 331, CH1= 271, CH2= 211, CH3= 181
Install Date:	2007-10-15
GTSM Technologies #:	US46
Executive Process Software:	1.13
Logger Software:	1.15
Home Page:	http://pboweb.unavco.org/stations/?checkkey=B039
Notes Last Updated:	October 24, 2007

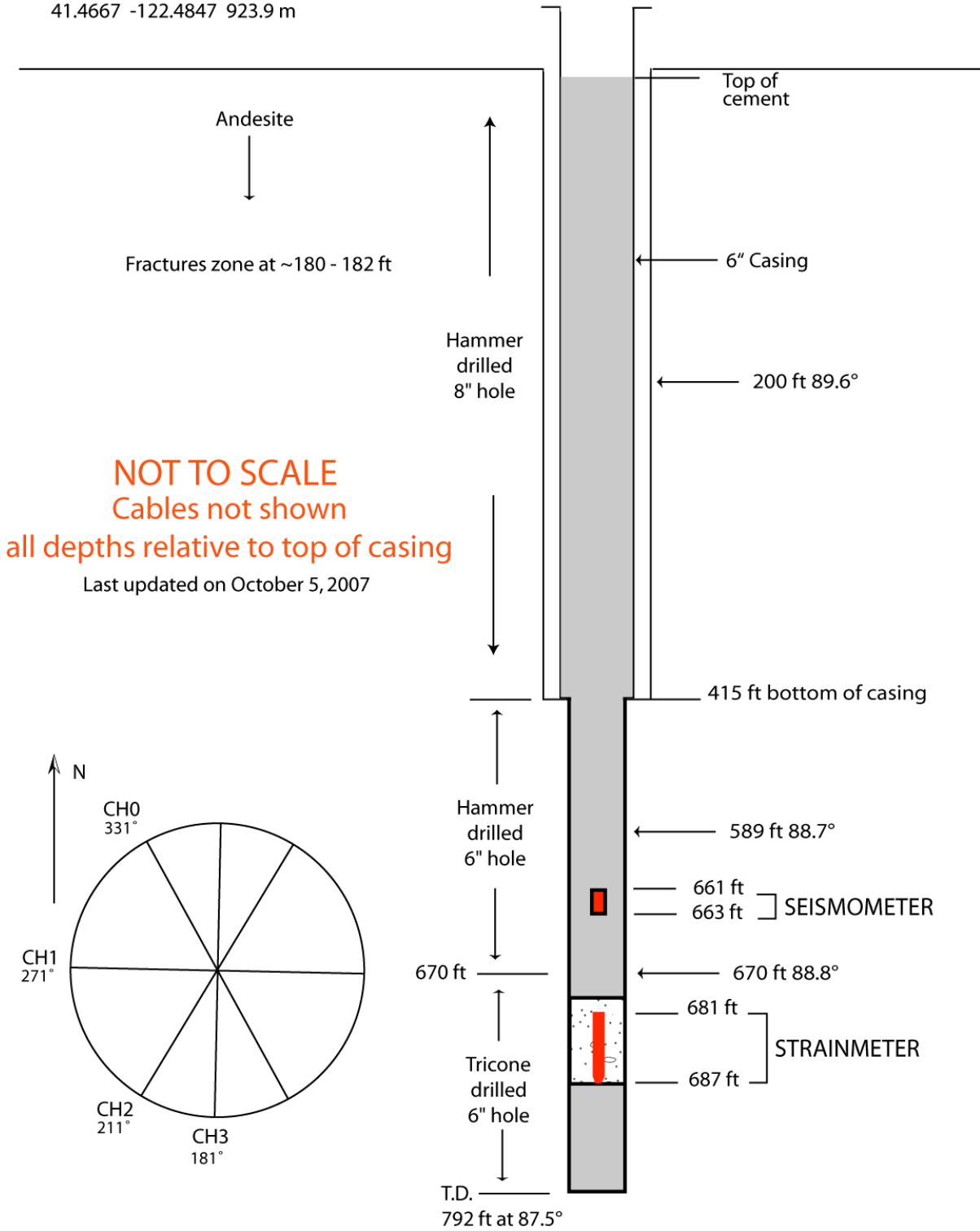
¹Install depth is from the top of the casing to the bottom of the strainmeter.

²Orientations are in degrees East of North.



Northern California and southern Oregon PBO strainmeters, October 2007.

B039 cofflt039bcn2007
41.4667 -122.4847 923.9 m



Instrumentation at Strainmeter

Instrument	Units	Bottle/ASCII Scale Factor	Seed Scale Factor
Pore Pressure	Hecto Pascals	NONE INSTALLED	-
GTSM Barometer	Kilopascals	1.0	0.0001
Rain Gauge	Millimeters/hour	1.0	0.252
Down hole Temperature Sensor	Degrees Celsius	1.0	0.0001
Logger Temperature Sensor	Degrees Celsius	1.0	0.0001
Setra Barometer	Hecto Pascals	NONE INSTALLED	-

1. General Information

Install Notes

2007-10-13 UTC

Setup to raise bottom of the hole. Camera images were very cloudy. Total depth was 792', pumped 15x94lbs neat cement to raise the bottom. The target installation zone was between 695' and 679'. US46 was placed on test.

2007-10-14 UTC

Instrument looks good on test, TD is now 713'. Lowered 4x94lbs neat cement using two dump bailer runs.

2007-10-15 UTC

15:30 On site, tag bottom (soft); run dump bailer tests several times (after 1 bad trip), seems to work fine after first, add 1/3 bucket of gravel for hard trip surface. TD = 687' .

19:50 Compass test Xmin 2.086 Xmax 2.473 Ymin 1.872 Ymax 2.437.

20:20 Start mixing grout, MasterFlow 1341 Batch 161613428T7.

20:28 Last grout added.

20:30 Last water added (16 gals total, ~5% more than previous installs as per M. Gladwin's request); grout was runnier.

20:41 Stop mixing.

20:46 Lowering dump bailer.

20:51 Dump bailer on bottom.

21:20 GTSM on bottom; tied off to wellhead using 2 lengths of 1/2" polyethylene braided cord (again, per M. Gladwin's request).

21:29 GTSM turned on; looks good! compass x=2.109 y=1.902.

22:24 Shut down logger to reset DH temp; set to 0.9V.

22:29 Restart GTSM.

23:00 Off site to set up propane for B040's TEG and put B040 on charge via generator.

2007-10-18 UTC

15:00 On site; GTSM shut down, voltage at 12.36V, put on load and still at 12.36V.

15:38 Restart GTSM, charging on generator.

16:00 Lower seismometer #111.

16:30 Seismometer lowered to 662.5', start tripping in 1.5".

17:44 Tripped in.

18:30 Start pumping; ~ 2 yds in one of the 1.5" joints breaks; lose tremi string; trip in replacement tremi.

21:00 Stop pumping (~5 yds).

22:14 Shutdown GTSM, bury cable, and pour pad.

2007-10-19

00:00 Finished pad, restart GTSM, and clean up.

01:00 Off site.

2007-10-19 UTC

15:45 Turn off GTSM to set up in enclosure.

18:30 Restart GTSM; Channel 0 and 2 at G2. Install and wire uphole electronics.

21:00 Point VSAT; program q330, marmot, and GTSM IP's.

2007-10-20 UTC

00:08 Shutdown GTSM to adjust DH temp. Set to 0.936V (highest possible value), voltage is not constant for some reason. (Bounces between 0.89-0.94)

01:15 Confirm Comms are working and system is online. Pack up and leave site.

2. Strainmeter Maintenance

3. Data Products

Data products Release dates

Level 0 Start Date: 2007-10-15

Level 2 Start Date:

Detrend Reference Date:

Level 2B Data last Updated:
