

## Station Notes for HALK, marmahalkbtr2015

Latitude:	41.05883 (WGS 84)
Longitude:	28.78633 (WGS 84)
Elevation:	157.6 m / 517 ft
Install Depth: <sup>1</sup>	130.1 m / 427 ft
Orientations: <sup>2</sup>	CH0=346, CH1=286, CH2=226, CH3= 196
Install Date:	December 3, 2015
GTSM Technologies #:	US93
Executive Process	Version 1.14
Software:	
Logger Software:	Version 2.01.0
Home Page:	<a href="http://www.unavco.org/instrumentation/networks/status/pbo/overview/HALK">http://www.unavco.org/instrumentation/networks/status/pbo/overview/HALK</a>
Notes Last Updated:	November 28, 2016

<sup>1</sup>Install depth is from the top of the casing to the bottom of the strainmeter.

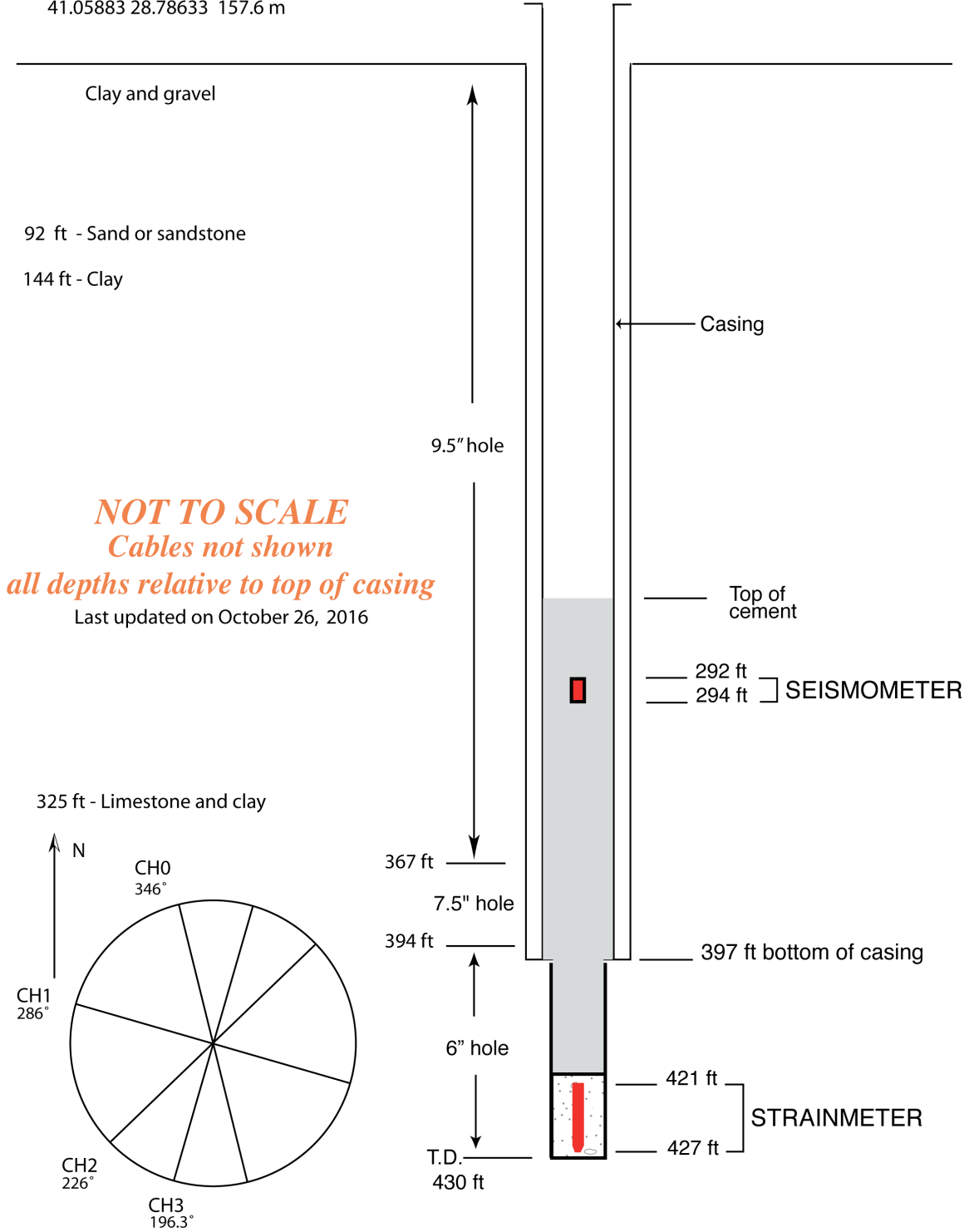
<sup>2</sup>Orientations are in degrees East of North.



Turkey strainmeters, November 2016

# HALK marmahalkbtr2015

41.05883 28.78633 157.6 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. Installation notes**

Dec 3, 2015

07:55 Onsite.

09:00 Run caliper. Hole looks ok. Good job cleaning.

10:00 Drillers set up boom truck/drill rig install thing.

11:00 Run dump bailer down borehole.

11:18 Out of hole. Good Clean Trip.

11:55 Begin Mixing grout.

12:10 End mixing.

12:15 Send dump bailer down hole.

12:30 Dump bailer out of hole, good Trip.

12:31 Send US93 downhole.

12:36 Cable real jumps off "cable stand." Get cable back on.

12:43 At 130.1m.

12:51 Call install good.

13:00 Clean up site.

13:35 Leave site.

16:00 Arrive back at Kandilli

Dec 4, 2015

Installed seismometer 165 at 120m. Hole was cemented in with 9 50KG bags of cement which should raise the hole about 20m. Site was left on temp solar and hooked to a CDMA modem. Power is limited so there will be dropouts. AC power and a permanent hut should be installed by the end of December.

### **2. General Information**

- This station is part of the GONAF network in Turkey.

### **3. Strainmeter Maintenance**