






LINEA 6 – METROPOLITANA DI NAPOLI

				(PRIMA EMISSIONE) – OTTOBRE 2014	OTT 14						
Albinati	De Risi	Manferlotti	Di Luccio								
REDATTO	CONTROLLATO	APPROVATO	AUTORIZZATO	DESCRIZIONE REVISIONE DOCUMENTO	DATA	REV					
 Ansaldo STS A Finmeccanica Company CONCESSIONARIA				 COMUNE DI NAPOLI CONCEDENTE		PROG IMP NUMERO					
						L	M	6	7	F	X
				CODICE PRODOTTO		AREA	TIPO	FASE			
						2	C			E	S
A termini di legge è rigorosamente vietato riprodurre e comunicare a terzi il contenuto del presente documento	TITOLO DOCUMENTO: LINEA 6 METROPOLITANA DI NAPOLI PROGETTO ESECUTIVO OPERE CIVILI – MONITORAGGIO GEOTECNICO GEOREFERENZIATO REPORT DELLE MISURE (INTERNO) – STAZIONE CHIAIA										
	EMITTENTE  METROPOLITANA DI NAPOLI S.p.A. RESPONSABILE PROGETTAZIONE OPERE CIVILI				A.T.I. LM6			CODICE ENTE 			
	 Monitoraggio delle gallerie e prove di laboratorio per la qualifica dei materiali e loro controllo Monitoraggio opere civili e monitoraggio ambientale				FORMATO A4		SCALA /		FOGLIO 1 DI 139		

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 <p>Ansaldo STS A Finmeccanica Company</p>	<p>LINEA 6 METROPOLITANA DI NAPOLI - PROGETTO ESECUTIVO</p> <p><i>OPERE CIVILI - MONITORAGGIO GEOTECNICO GEOREFERENZIATO REPORT DELLE MISURE - STAZIONE CHIAIA</i></p>	<p>LM6 7FX 2C I 36 Data: 31/10/14 Metropolitana di Napoli A.T.I. LM6 TreEsse Engineering S.r.l.</p>
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1. PREMESSA

Nell'ambito della realizzazione della nuova Metropolitana di Napoli (**Linea 6, tratta Mergellina - Municipio**) è prevista una rete di monitoraggio e controllo finalizzata alla periodica registrazione delle grandezze fisiche di maggiore interesse e agli effetti legati alle attività di cantiere.

In generale, per le stazioni il sistema di monitoraggio prevede i seguenti strumenti:

- Capisaldi di livellazione, posti sul terreno e sui marciapiedi degli edifici adiacenti il pozzo di stazione;
- Staffe livellometriche, poste sugli edifici adiacenti il pozzo di stazione;
- Piezometri Casagrande o a tubo aperto, realizzati in prossimità delle paratie del pozzo di stazione;
- Piezometri elettrici, realizzati all'interno del pozzo di stazione;
- Inclinometri ed estenso-inclinometri, realizzati in prossimità delle paratie del pozzo di stazione;
- Inclinometri, realizzati nelle paratie perimetrali del pozzo di stazione;
- Mire ottiche, poste sulle paratie all'interno del pozzo di stazione
- Celle di carico, disposte sui puntoni metallici di contrasto;
- Barrette estensimetriche, disposte sui puntoni metallici di contrasto e/o all'interno delle paratie perimetrali del pozzo di stazione.

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L'installazione di tale strumentazione impiegata lungo le aree di cantiere (stazione Chiaia, S. Pasquale, Arco Mirelli e Municipio) risulta completa all'interno ed all'esterno dei pozzi di stazione; diversamente, quella relativa alla Galleria di linea è ad oggi in fase d'installazione.

Di seguito saranno restituiti i grafici frutto delle letture svolte nel cantiere, relativi alla sola strumentazione interna:


- Inclinometri, Estensimetri, Piezometri, acquisizione elaborazione restituzione dati competenza Tre Esse.
- Staffe di livellazione, Capisaldi acquisizione competenza ATI, elaborazione restituzione dati competenza Tre Esse.

2. DATI GENERALI

Commessa: Linea 6 – Metropolitana Di Napoli

Impresa esecutrice: Chiaia S.c.a.r.l.

Monitoraggio: Tre Esse Engineering S.r.l.

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3. STRUMENTAZIONE INTERNA INSTALLATA

La nomenclatura della strumentazione di monitoraggio ha subito una variazione rispetto all'installazione, necessaria per rendere uniforme ed univoco il nome di ogni strumento installato lungo tutta la tratta.

Esempio: **CH_P50_S1;**

la prima serie di simboli identifica la stazione di monitoraggio (in questo caso San Pasquale),

la seconda è identificativa del numero di pannello monitorato,

la terza corrisponde al tipo di barretta estensimetrica installata (S sta per Strain gauge – corda vibrante) e al numero progressivo della barretta (1,2,...).

Elenco strumentazione installata e funzionante.

- n°4 Inclinometri

CH_IN_P13
CH_IN_P50
CH_IN_P67
CH_IN_P81

- n°24 Barrette Estensimetriche a corda vibrante per metallo

CH_P13_S1-6
CH_P50_S1-6
CH_P67_S1-6
CH_PU1_S1-4
CH_PU2_S5-8

- n°11 Celle di Carico

Primo Ordine di Tiranti

CH_CC1-4

Secondo Ordine di Tiranti

CH_CC5-9

Puntoni

CH_PU1_CC

CH_PU2_CC

- n°74 Mire Ottiche

Primo Ordine

CH_MO1-16

Secondo Ordine

CH_MO17-32

Terzo Ordine


CH_MO33-40

Quarto Ordine

CH_MO36-44

Supplementari

CH_MO45-74

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4. PLANIMETRIA STRUMENTAZIONE MONITORAGGIO

Nella figura successiva viene rappresentata la planimetria del cantiere e la disposizione degli strumenti previsti per il monitoraggio geotecnico installati internamente al pozzo stazione.

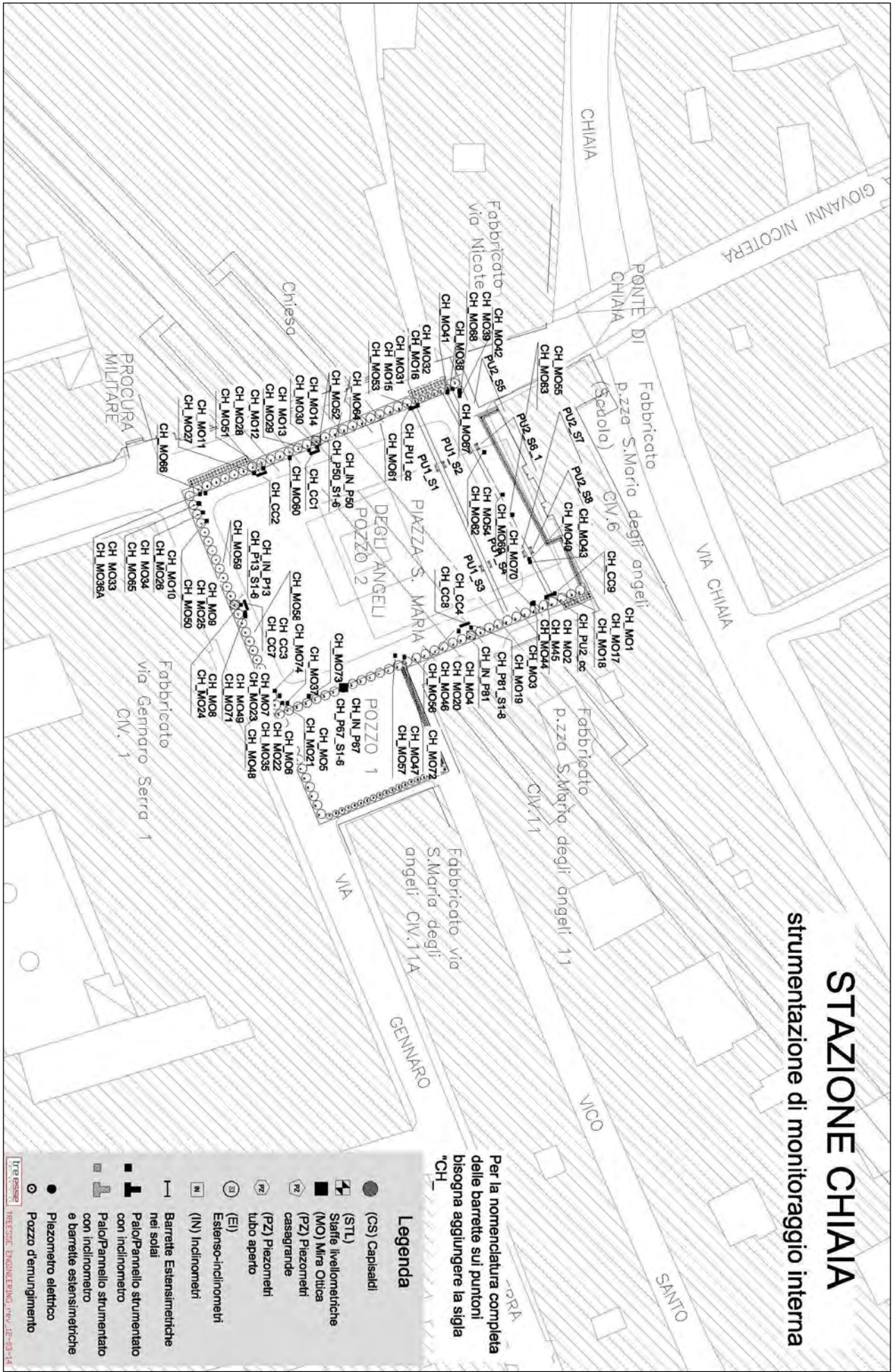



Figura 4.1.: Planimetria pozzo stazione, raffigurante la disposizione della strumentazione di monitoraggio geotecnico interno installata.

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5. PLANIMETRIA E SEZIONI ANDAMENTO TETTO DEL TUFO

Nella figura 5.1 viene rappresentata la Planimetria pozzo stazione, nella quale è riportata la collocazione di alcuni sondaggi effettuati per la campagna propedeutica alla stesura del Progetto Definitivo (2005).

Nella figura 5.2 viene rappresentato l'andamento del tetto del Tufo (lato monte e lato mare) con uno stralcio tratto dall'elaborato grafico del Progetto Definitivo (Stazione Chiaia) allegato alla Relazione Geologica (cod. doc.:LM67F2C0159 – ANNO 2005).

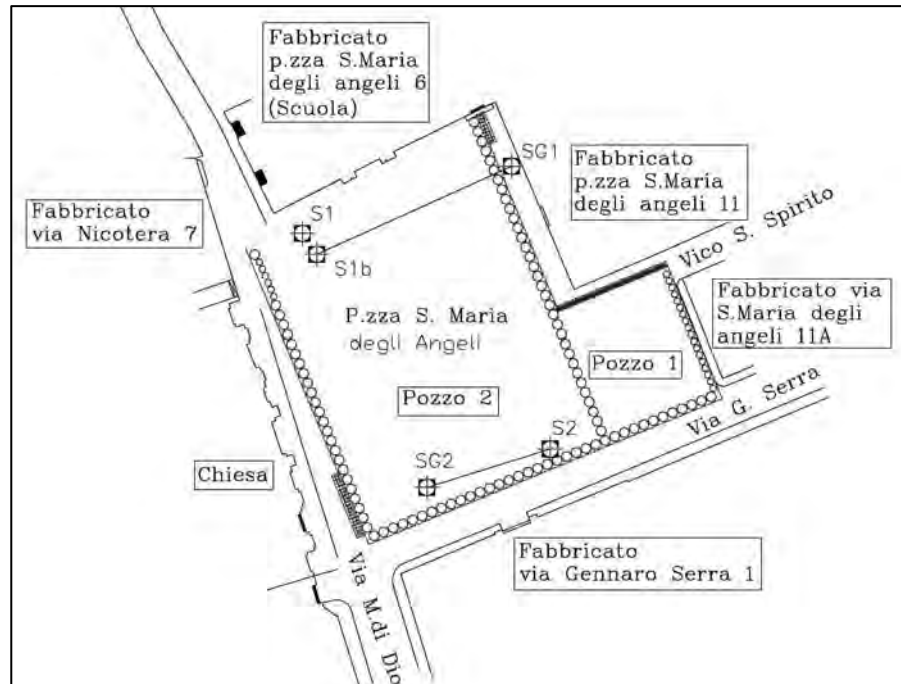


Figura 5.1.: Planimetria pozzo stazione, raffigurante la collocazione di alcuni sondaggi effettuati per la campagna propedeutica alla stesura del Progetto Definitivo (2005).

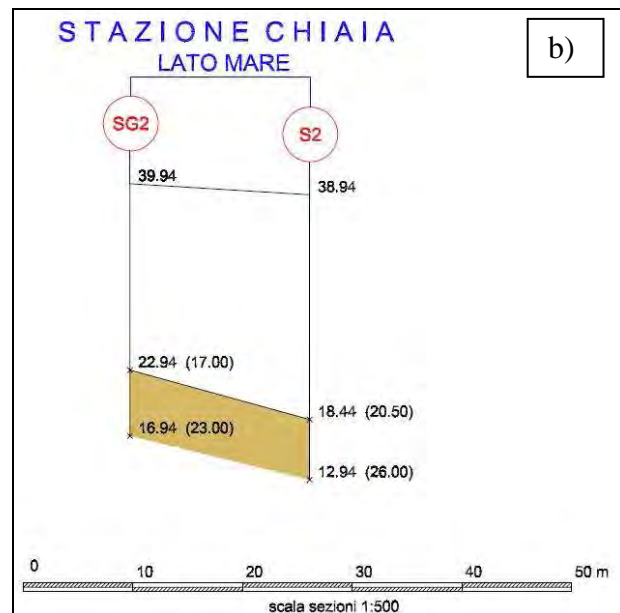
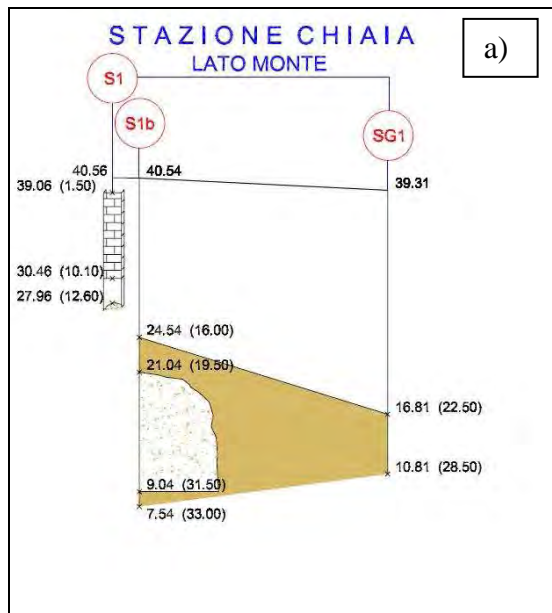



Figura 5.2a e5.2b : Andamento del tetto del Tufo (lato monte e lato mare) - Stralcio da Elaborato grafico Progetto Definitivo Stazione Chiaia allegato alla Relazione Geologica (cod. doc.: LM67F2C0159 – ANNO 2005).

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1. 6. FASI LAVORATIVE

Nel presente capitolo vengono esposte le principali lavorazioni in svolgimento nel cantiere di Chiaia (Metropolitana di Napoli - Linea 6).

Le indicazioni riportate, aggiornate al periodo di riferimento del presente report, sono frutto sia delle osservazioni in sito dei tecnici Tre Esse sia delle informazioni comunicateci dall'Impresa Esecutrice.

Nella planimetria e nelle sezioni realizzate dalla Scrivente, di seguito riportate, sono state individuate e stimate qualitativamente le aree interessate dalle lavorazioni ritenute significative ai fini del monitoraggio, che rispetto al periodo d'osservazione precedente non hanno subito variazioni rilevanti. La planimetria in figura 6.1 raffigura il pozzo stazione, con la suddivisione in aree di lavoro. Riferendoci alle sezioni A-A'(fig.6.2), B-B'(fig.6.3), si osserva quanto di seguito riportato:

Le principali fasi lavorative hanno riguardato il proseguimento dei lavori di armatura e getto del solettone di fondo e delle strutture interne. Sul lato prossimo alla scuola, longitudinalmente alla facciata principale dell'edificio sono presenti 2 puntoni in acciaio di contrasto fra le paratie di pannelli. Le paratie di pannelli sono inoltre collegate fra di loro a varie quote grazie all'utilizzo di travi in acciaio tirantate.

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La strumentazione geotecnica prossima alle sezioni è la seguente:

- tubi inclinometrici CH_IN1, CH_IN_P67, tubo piezometrico (a tubo aperto) CH_PZ2, per la sezione A-A'
- tubo estenso-inclinometrico CH_EI1/ES1 e inclinometrico CH_IN3, CH_IN4, CH_PZ3 per la sezione B-B'

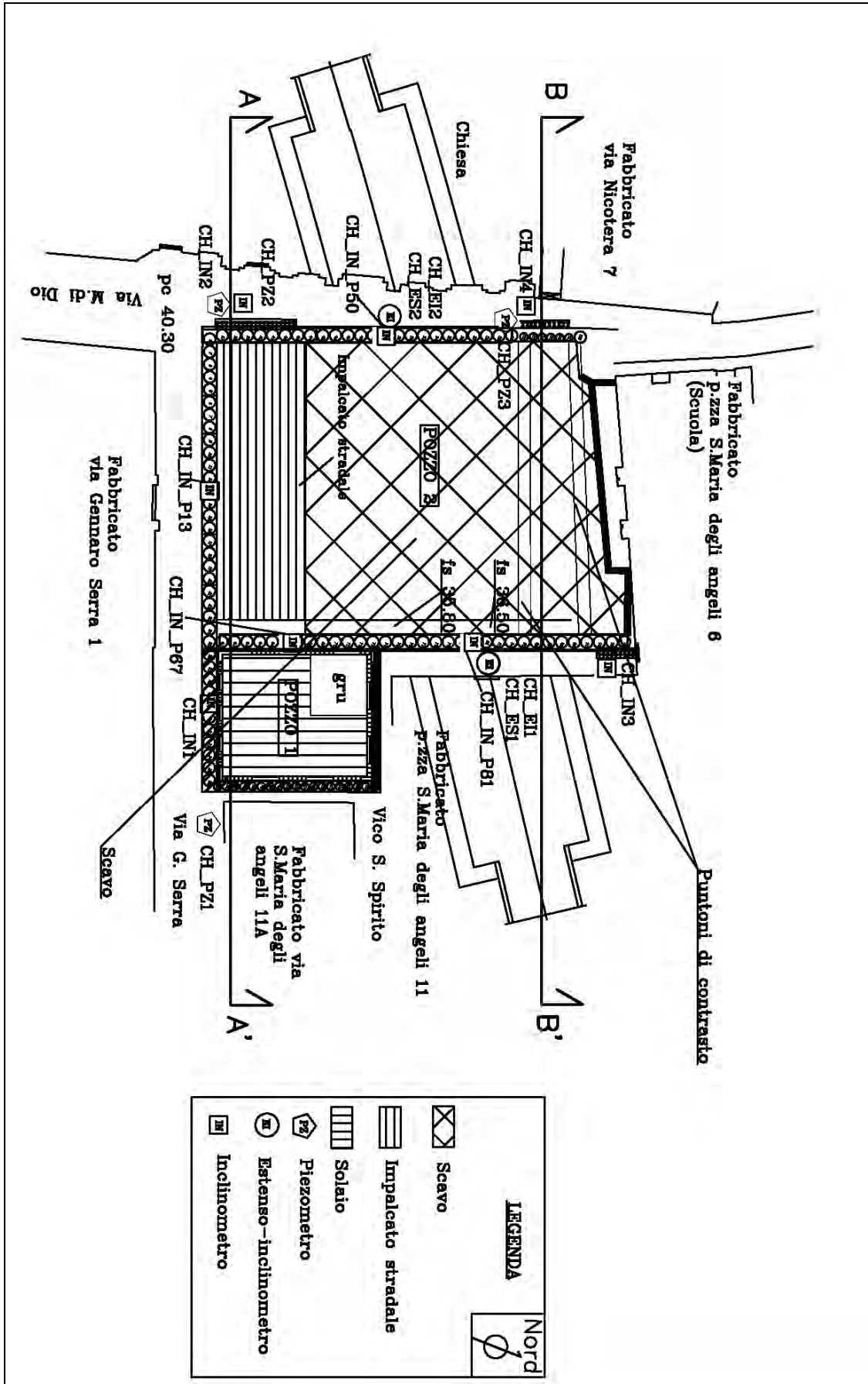


Figura 6.1.: Planimetria pozzo stazione, raffigurante la suddivisione in aree di lavoro.

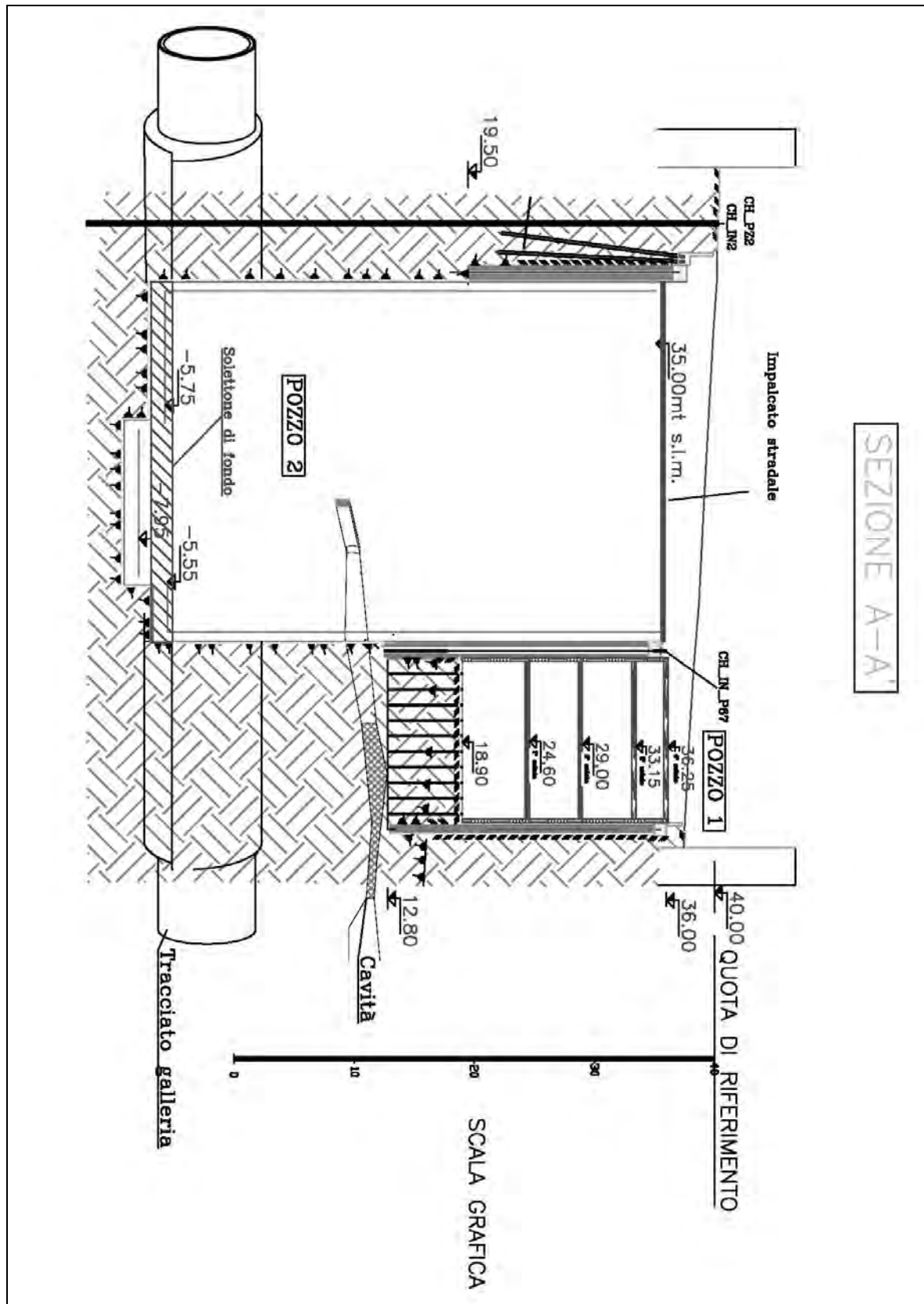


Figura 6.2.: Sezione A-A' pozzo stazione, raffigurante la suddivisione in aree di lavoro.

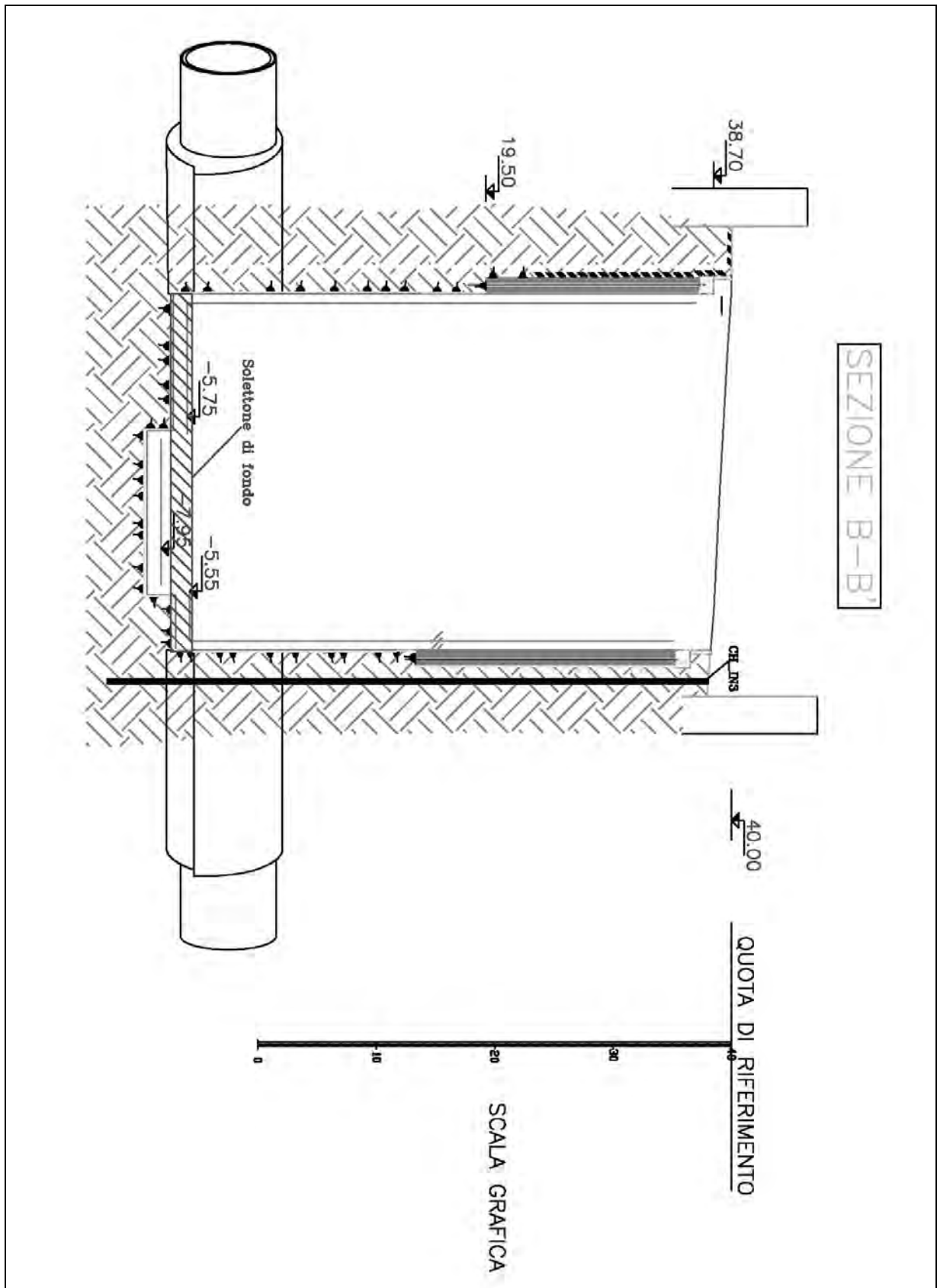


Figura 6.3.: Sezione B-B' pozzo stazione, raffigurante la suddivisione in aree di lavoro.

7. MISURE GEOTECNICHE – INCLINOMETRICHE

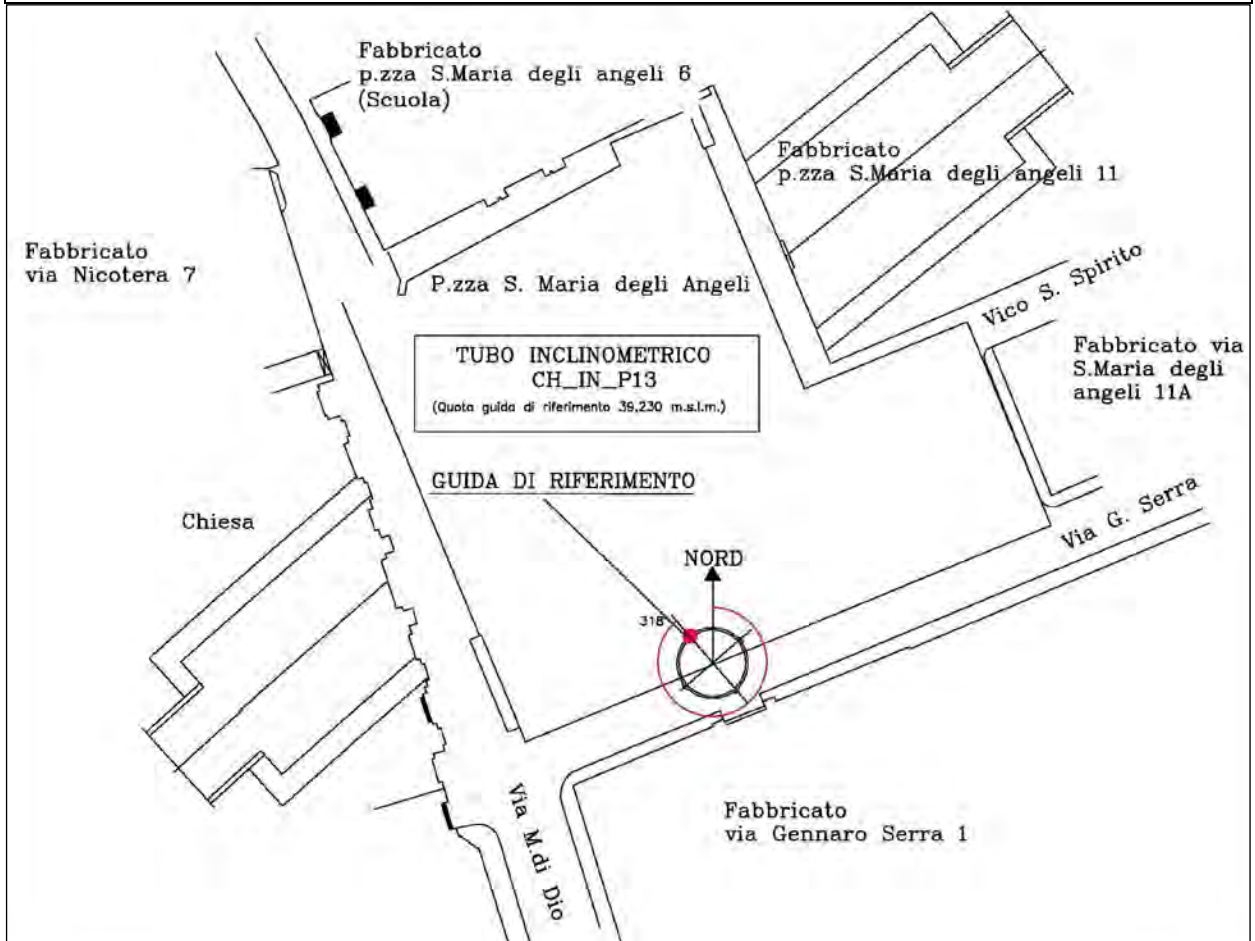
Gli inclinometri sono strumenti di controllo dei movimenti e delle deformazioni dei terreni nonché delle variazioni di assetto delle strutture. I rilievi consistono nella misura della variazione delle inclinazioni rispetto alla verticale di punti significativi, dall'inclinazione, mediante integrazione numerica si risale agli spostamenti sul piano x-y. La strumentazione di base è composta da tubo inclinometrico a sezione circolare provvisto di scanalature con funzione di guida per la sonda, sonda inclinometrica, cavo e centralina di misura.

Tabella riepilogativa per gli inclinometri installati in cantiere

NOME	TIPOLOGIA STRUMENTO	DATA INSTALLAZIONE	DISPONIBILITA' LETTURA			NOTE
			DATA LETTURA DI ZERO	PERIODO INTERRUZIONE	DATA FINE ATTIVITA'	
CH_IN_P13	INCLINOMETRO	06/12/10	22/12/10			
CH_IN_P50	INCLINOMETRO	21/12/10	21/01/11			
CH_IN_P67	INCLINOMETRO	18/11/09	25/11/09			
CH_IN_P81	INCLINOMETRO	21/12/10	21/01/11			

Inclinometro

CH_IN_P13



Affidabilità strumentale
A.T.I. LM6 – TreEsse

buono
da rivedere
da scartare

X

Congruenza progettuale
C.T. ATI LM6 – C.T. Monitoraggio

congruente
non congruente, da valutare
non congruente con implicazioni sulla
sicurezza

NOTE



MISURE INCLINOMETRICHE
ELABORAZIONE DA FONDO FORO
-TABULATI-

Ubicazione **STAZIONE CHIAIA**
 Tipo Strumento **Tubo inclinometrico**
 Nome tubo **CH_IN_P13**
 Azimut di riferimento **318**
 Quota guida rif. (m.s.l.m.) **39,23**
 Data lettura di zero **22/12/2010**
 Data posa in opera **06/12/2010**

Misura **95** in data **22/10/2014 10.33**

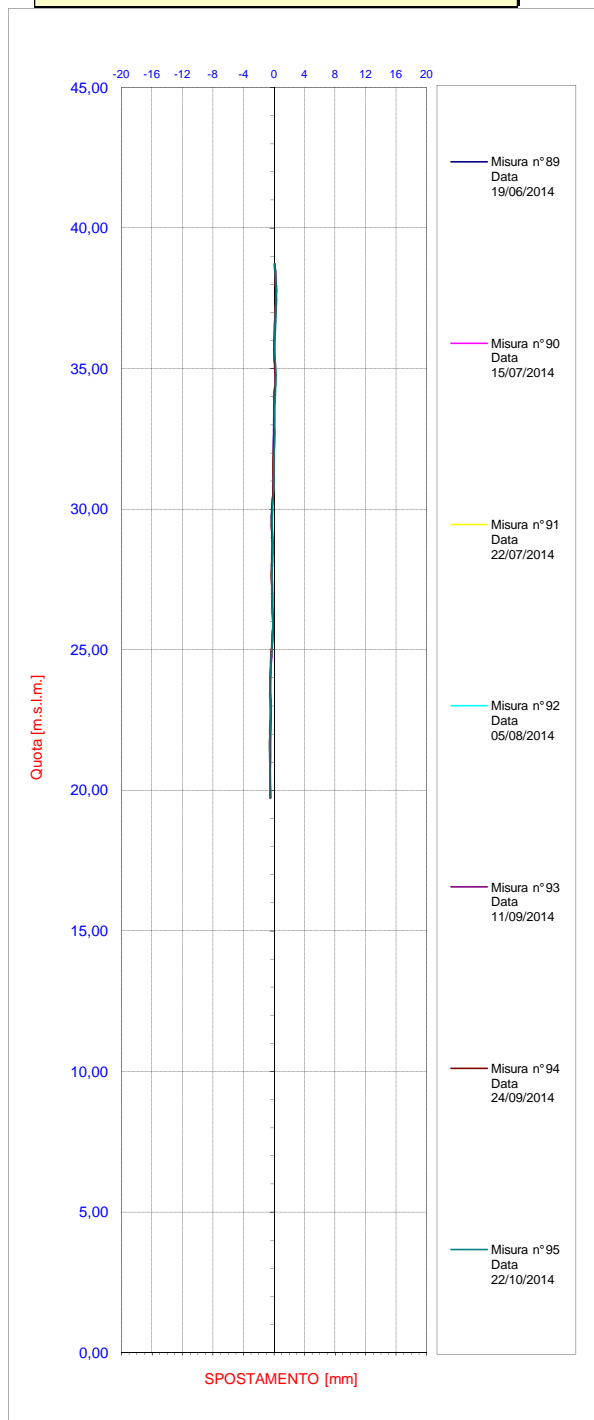
SPOSTAMENTI LOCALI (mm)				
PROFONDITA (m.s.l.m.)	EST	NORD	RISULTANTE	AZIMUT
38,7	0,064	0,047	0,079	53,680
37,7	0,269	-0,057	0,275	102,002
36,7	0,164	-0,104	0,194	122,231
35,7	0,063	-0,036	0,073	119,830
34,7	0,244	0,061	0,252	75,870
33,7	0,069	-0,066	0,095	134,000
32,7	0,102	0,018	0,104	79,816
31,7	-0,031	-0,210	0,212	188,436
30,7	-0,045	-0,120	0,128	200,397
29,7	-0,254	0,060	0,261	283,370
28,7	-0,148	0,207	0,255	324,551
27,7	-0,282	0,007	0,282	271,340
26,7	-0,235	0,239	0,335	315,544
25,7	-0,179	0,216	0,280	320,275
24,7	-0,354	0,392	0,528	317,920
23,7	-0,552	0,433	0,702	308,137
22,7	-0,453	0,384	0,594	310,274
21,7	-0,562	0,386	0,681	304,486
20,7	-0,534	0,505	0,735	313,397
19,7	-0,542	0,574	0,789	316,623

SPOSTAMENTI INTEGRALI (mm)				
PROFONDITA (m.s.l.m.)	EST	NORD	RISULTANTE	AZIMUT
38,7	-3,195	2,936	4,340	312,584
37,7	-3,259	2,890	4,355	311,565
36,7	-3,528	2,947	4,597	309,872
35,7	-3,692	3,051	4,790	309,563
34,7	-3,755	3,087	4,861	309,419
33,7	-3,999	3,025	5,015	307,106
32,7	-4,068	3,092	5,109	307,235
31,7	-4,170	3,073	5,180	306,389
30,7	-4,139	3,283	5,283	308,422
29,7	-4,094	3,403	5,324	309,733
28,7	-3,840	3,343	5,091	311,038
27,7	-3,693	3,135	4,844	310,335
26,7	-3,411	3,129	4,629	312,530
25,7	-3,176	2,889	4,294	312,294
24,7	-2,997	2,674	4,016	311,739
23,7	-2,643	2,282	3,492	310,807
22,7	-2,091	1,849	2,791	311,478
21,7	-1,638	1,465	2,197	311,803
20,7	-1,076	1,079	1,524	315,067
19,7	-0,542	0,574	0,789	316,623

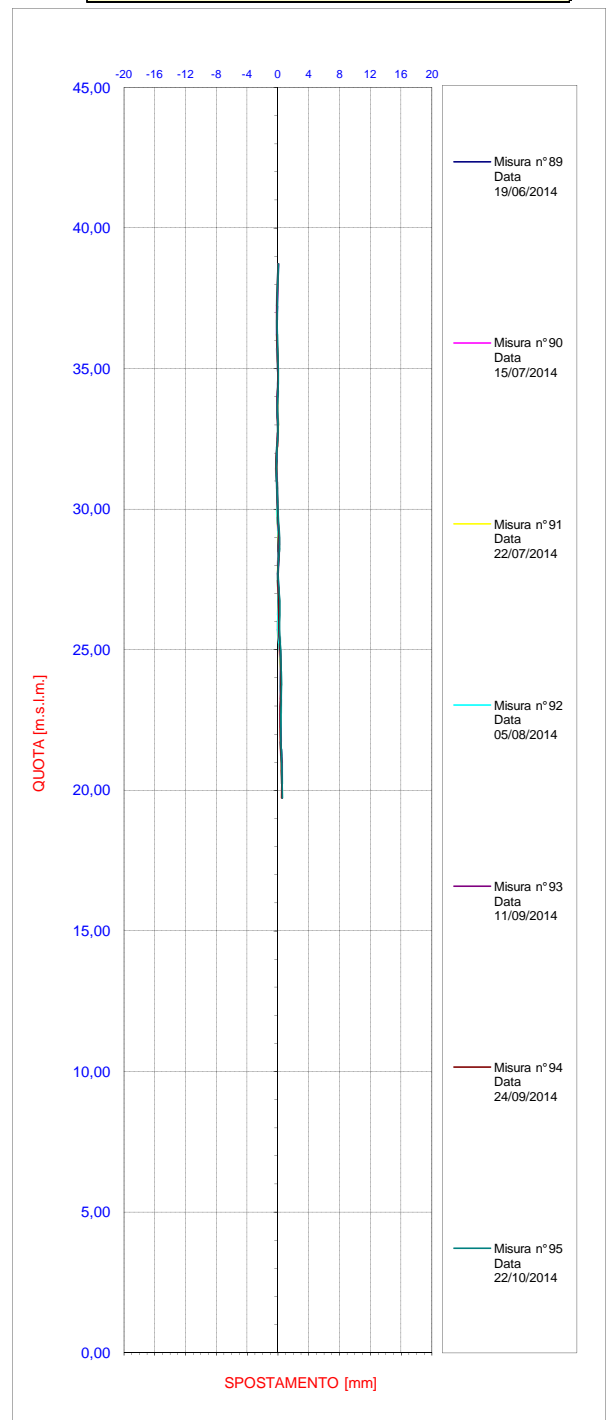
Ubicazione **STAZIONE CHIAIA**
Tipo Strumento **Tubo inclinometrico**
Nome tubo **CH_IN_P13**
Azimut di riferimento **318**
Quota guida rif. (m.s.l.m.) **39,23**
Data lettura di zero **22/12/2010**
Data posa in opera **06/12/2010**

Ultima Misura **95** in data **22/10/2014 10.33**

**Spostamenti Differenziali Locali
OVEST- (valori negativi) / EST + (valori positivi)**

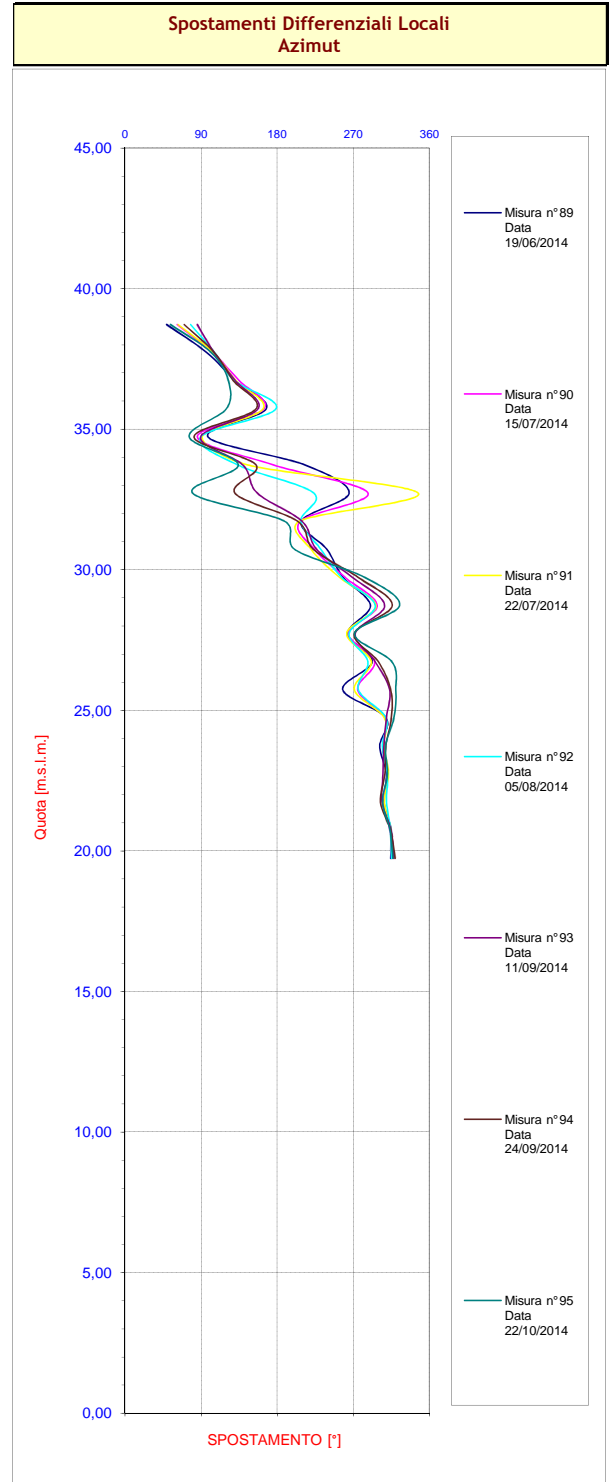
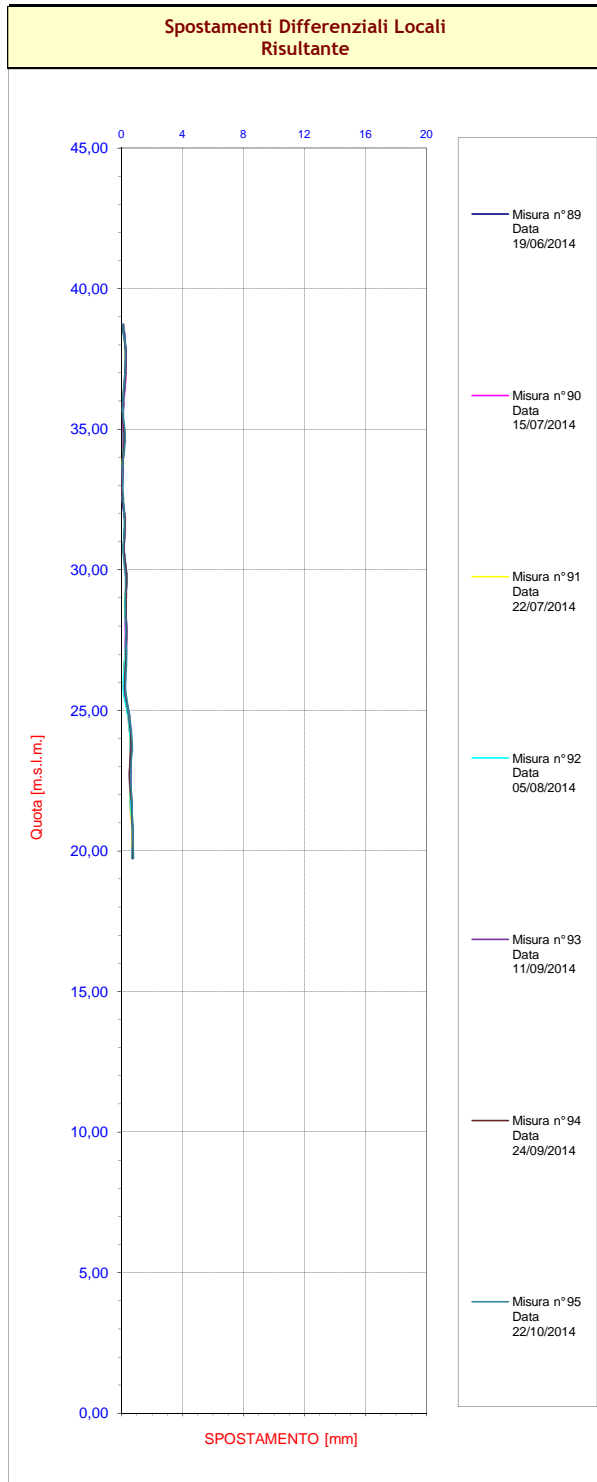


**Spostamenti Differenziali Locali
SUD - (valori negativi) / NORD + (valori positivi)**



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 Data posa in opera **06/12/2010**

Ultima Misura **95** in data **22/10/2014 10.33**



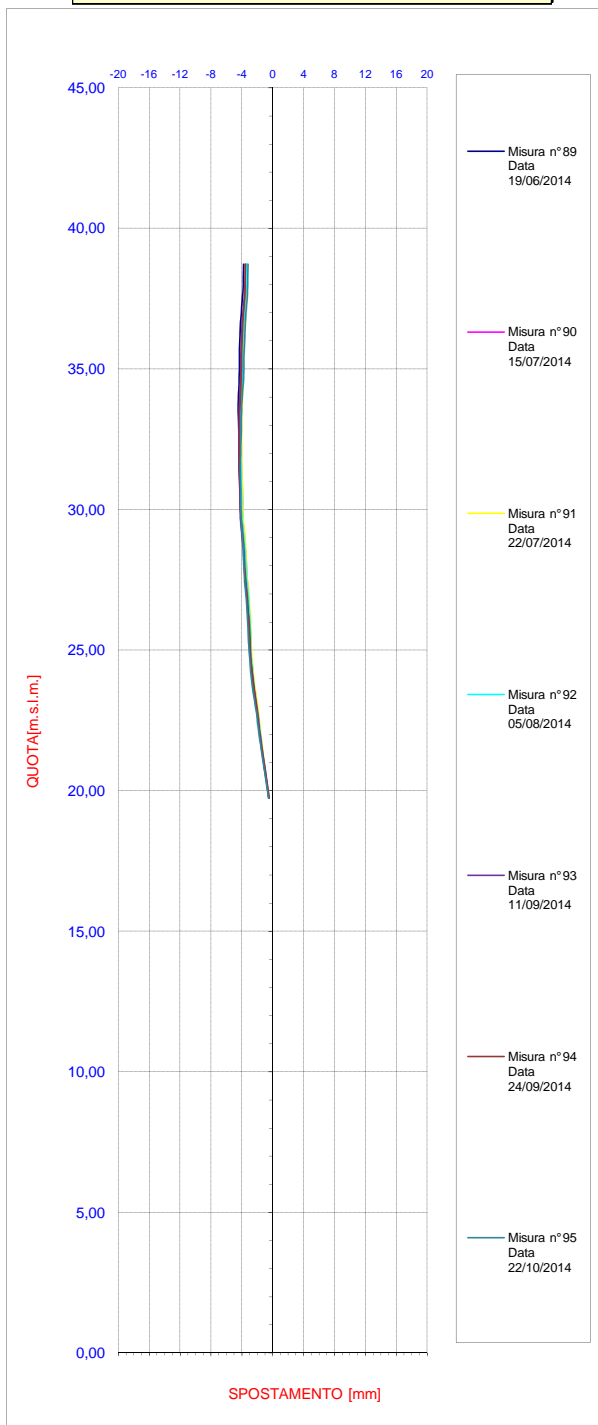


MISURE INCLINOMETRICHE
ELABORAZIONE DA FONDO FORO
-GRAFICI-3/5

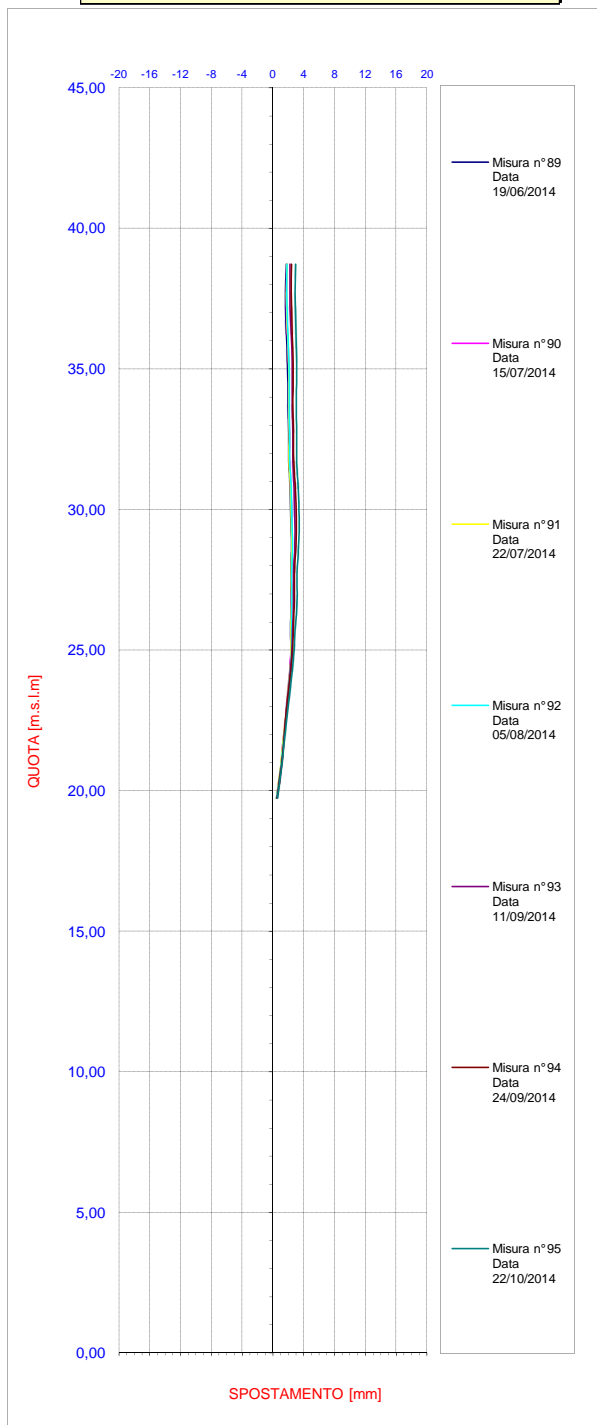
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 Tipo Strumento **Tubo inclinometrico**
 Nome tubo **CH_IN_P13**
 Azimut di riferimento **318**
 Quota guida rif. (m.s.l.m.) **39,23**
 Data lettura di zero **22/12/2010**
 Data posa in opera **06/12/2010**

Ultima Misura **95** in data **22/10/2014 10.33**

Spostamenti Differenziali Integrali
OVEST- (valori negativi) / EST + (valori positivi)



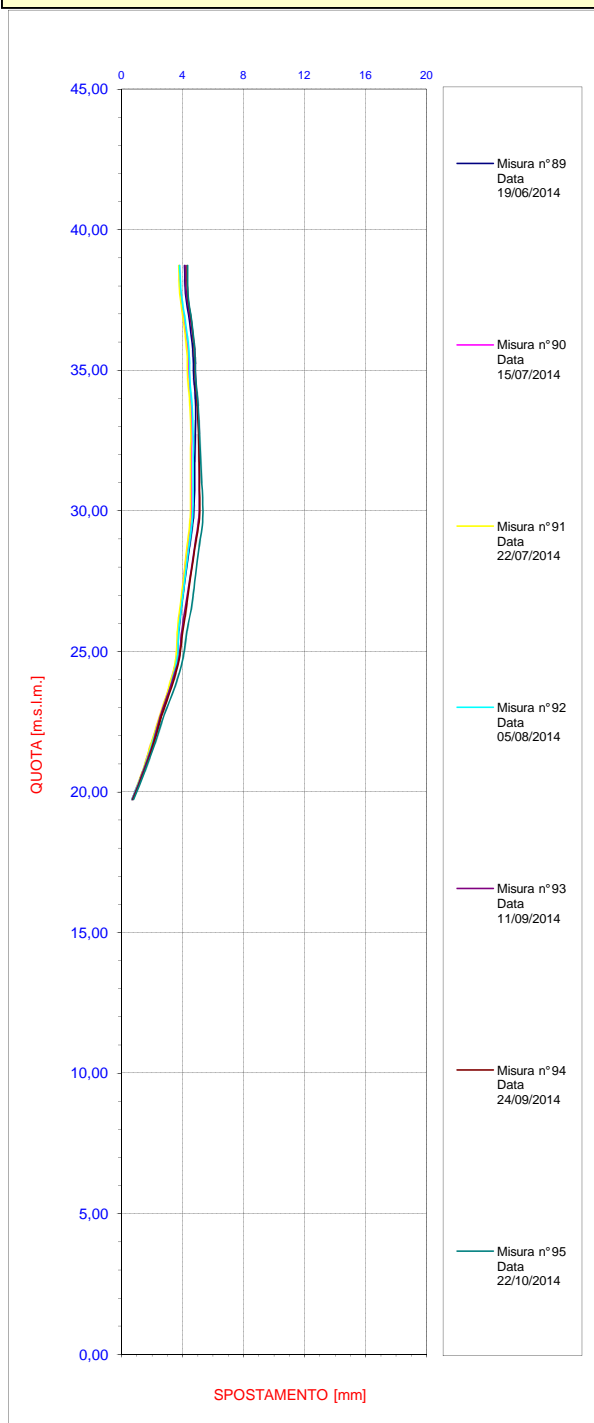
Spostamenti Differenziali Integrali
SUD - (valori negativi) / NORD + (valori positivi)



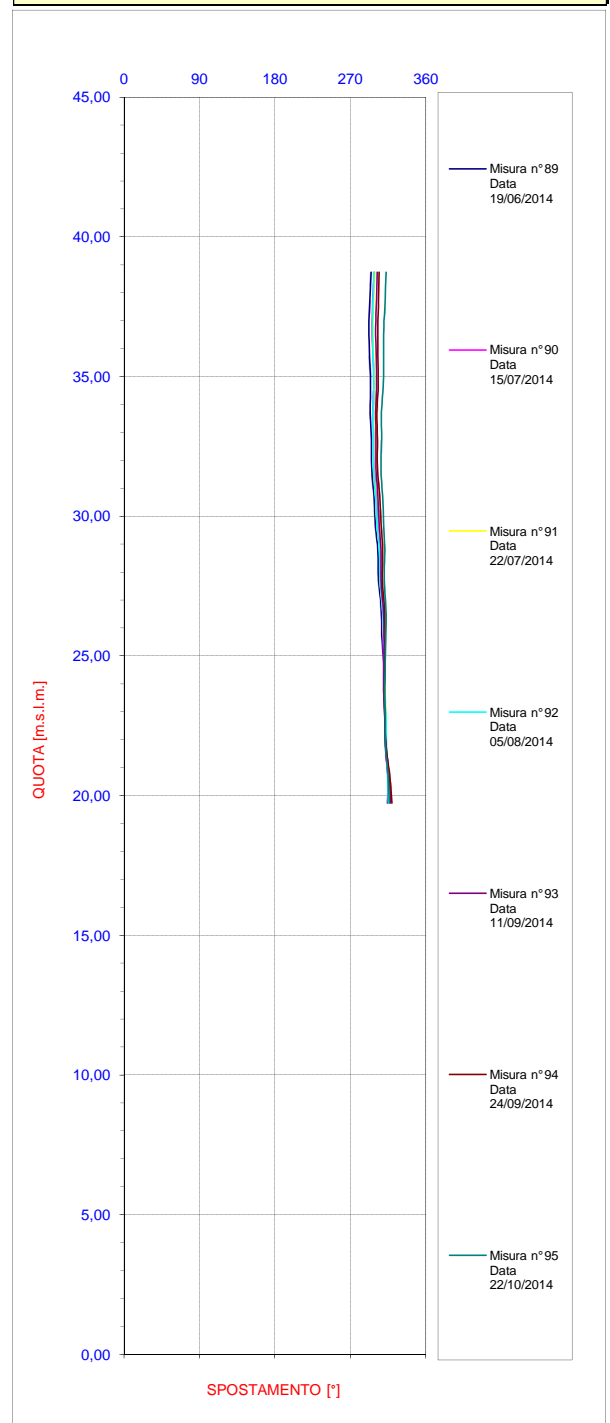
Ubicazione **STAZIONE CHIAIA**
 Tipo Strumento **Tubo inclinometrico**
 Nome tubo **CH_IN_P13**
 Azimut di riferimento **318**
 Quota guida rif. (m.s.l.m.) **39,23**
 Data lettura di zero **22/12/2010**
 Data posa in opera **06/12/2010**

Ultima Misura **95** in data **22/10/2014 10.33**

Spostamenti Differenziali Integrali Risultante



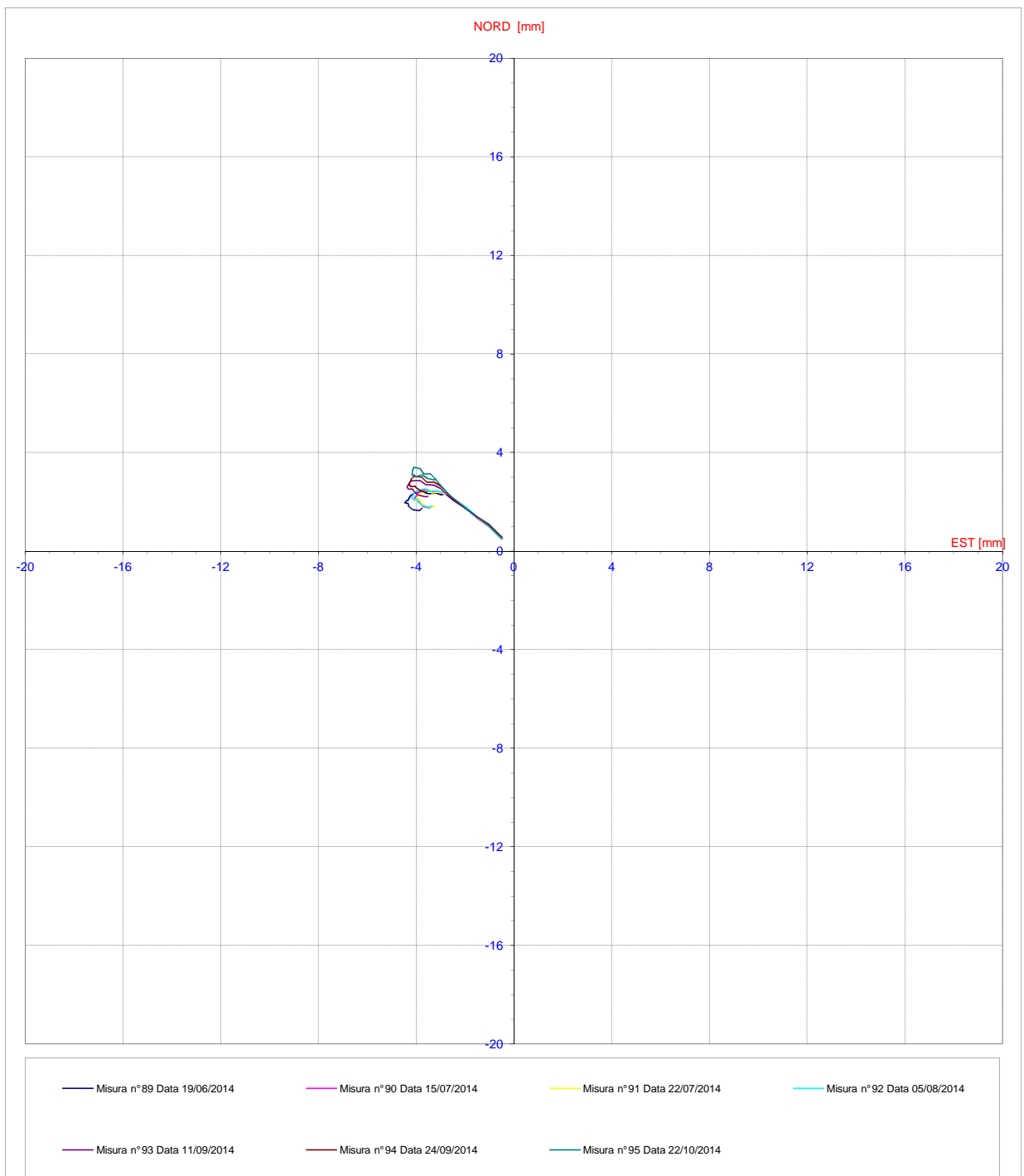
Spostamenti Differenziali Integrali Azimut



Ubicazione **STAZIONE CHIAIA**
 Tipo Strumento **Tubo inclinometrico**
 Nome tubo **CH_IN_P13**
 Azimut di riferimento **318**
 Quota guida rif. (m.s.l.m.) **39,23**
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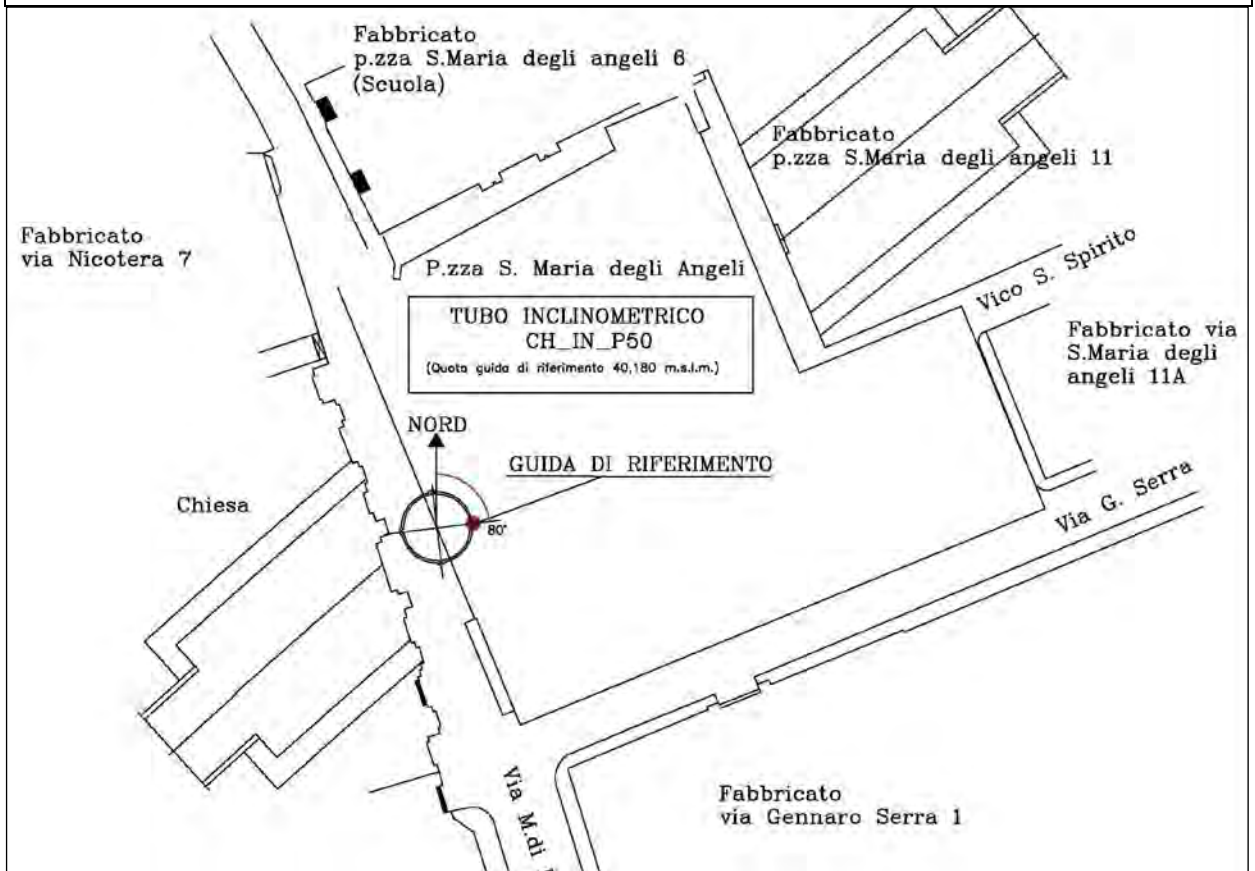
Ultima Misura **95** in data **22/10/2014 10.33**

Spostamenti Differenziali Integrali
Diagramma polare



Inclinometro

CH_IN_P50



Affidabilità strumentale
A.T.I. LM6 – TreEsse

buono
da rivedere
da scartare

X

Congruenza progettuale
C.T. ATI LM6 – C.T. Monitoraggio

congruente
non congruente, da valutare
non congruente con implicazioni sulla
sicurezza

NOTE


**MISURE INCLINOMETRICHE
 ELABORAZIONE DA FONDO FORO
 -TABULATI-**

Ubicazione STAZIONE CHIAIA
Tipo Strumento Tubo inclinometrico
Nome tubo CH_IN_P50
Azimut di riferimento 80
Quota guida rif. (m.s.l.m.) 40,18
Data lettura di zero 21/01/2011
Data posa in opera 21/12/2010

Misura 100 in data 22/10/2014 10.25

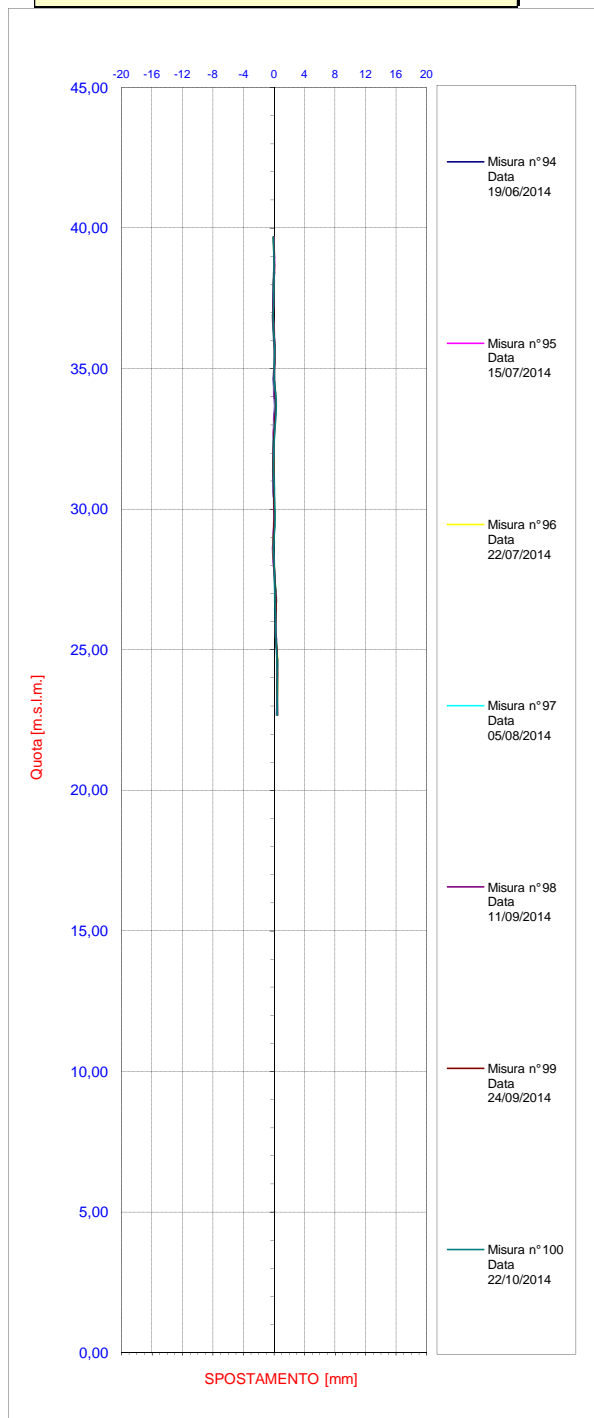
SPOSTAMENTI LOCALI (mm)				
PROFONDITA (m.s.l.m.)	EST	NORD	RISULTANTE	AZIMUT
39,7	-0,082	-0,224	0,239	200,103
38,7	0,023	-0,409	0,410	176,780
37,7	-0,055	-0,142	0,153	201,112
36,7	-0,098	-0,185	0,209	207,855
35,7	0,089	-0,201	0,220	156,081
34,7	0,034	0,055	0,065	31,252
33,7	0,291	-0,082	0,302	105,767
32,7	0,074	0,074	0,105	45,265
31,7	-0,072	-0,116	0,137	211,910
30,7	0,039	0,012	0,041	72,155
29,7	0,143	0,021	0,144	81,649
28,7	-0,022	-0,267	0,268	184,748
27,7	0,051	0,096	0,109	28,207
26,7	0,154	-0,113	0,192	126,263
25,7	0,201	0,050	0,207	76,055
24,7	0,390	-0,145	0,416	110,396
23,7	0,427	-0,089	0,436	101,830
22,7	0,432	-0,232	0,490	118,234

SPOSTAMENTI INTEGRALI (mm)				
PROFONDITA (m.s.l.m.)	EST	NORD	RISULTANTE	AZIMUT
39,7	2,019	-1,898	2,772	133,234
38,7	2,101	-1,674	2,687	128,550
37,7	2,078	-1,265	2,433	121,334
36,7	2,133	-1,123	2,411	117,761
35,7	2,231	-0,938	2,420	112,814
34,7	2,142	-0,737	2,265	108,995
33,7	2,108	-0,793	2,252	110,609
32,7	1,817	-0,711	1,951	111,359
31,7	1,743	-0,784	1,911	114,228
30,7	1,815	-0,668	1,934	110,201
29,7	1,776	-0,680	1,902	110,954
28,7	1,634	-0,701	1,778	113,231
27,7	1,656	-0,434	1,712	104,690
26,7	1,604	-0,530	1,690	108,272
25,7	1,450	-0,416	1,509	106,025
24,7	1,249	-0,466	1,333	110,479
23,7	0,859	-0,321	0,917	110,517
22,7	0,432	-0,232	0,490	118,234

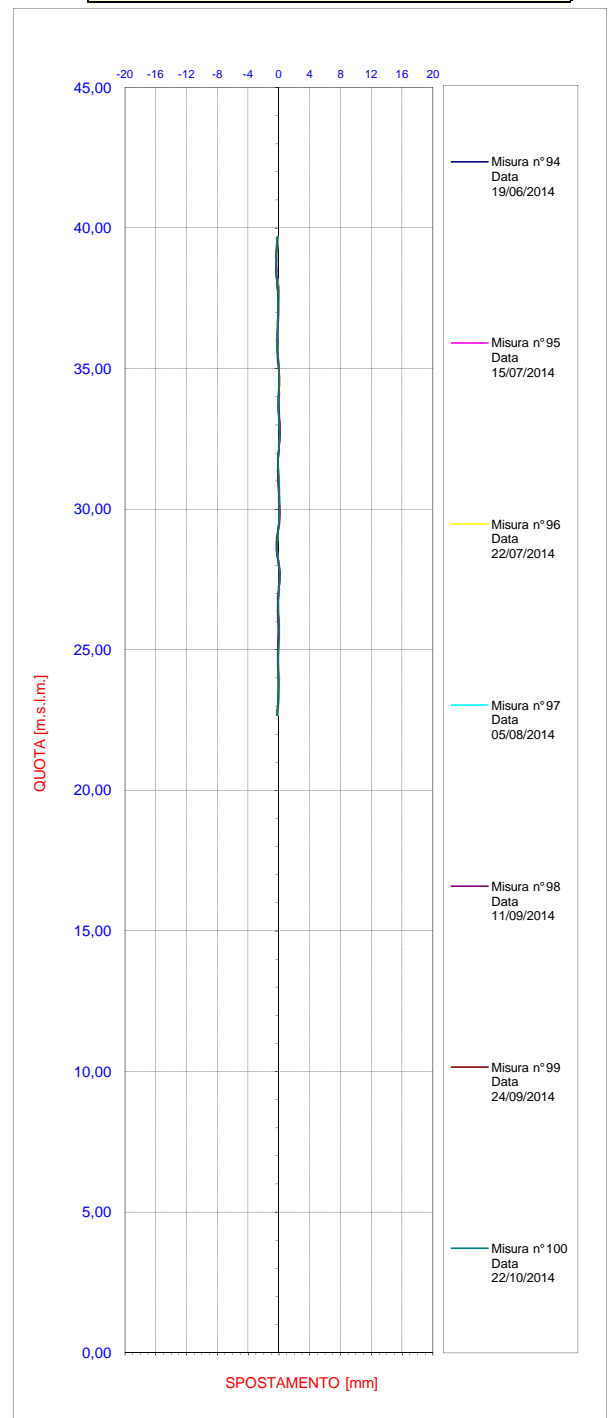
Ubicazione **STAZIONE CHIAIA**
 Tipo Strumento **Tubo inclinometrico**
 Nome tubo **CH_IN_P50**
 Azimut di riferimento **80**
 Quota guida rif. (m.s.l.m.) **40,18**
 Data lettura di zero **21/01/2011**
 Data posa in opera **21/12/2010**

Ultima Misura **100** in data **22/10/2014 10.25**

Spostamenti Differenziali Locali
OVEST- (valori negativi) / EST + (valori positivi)

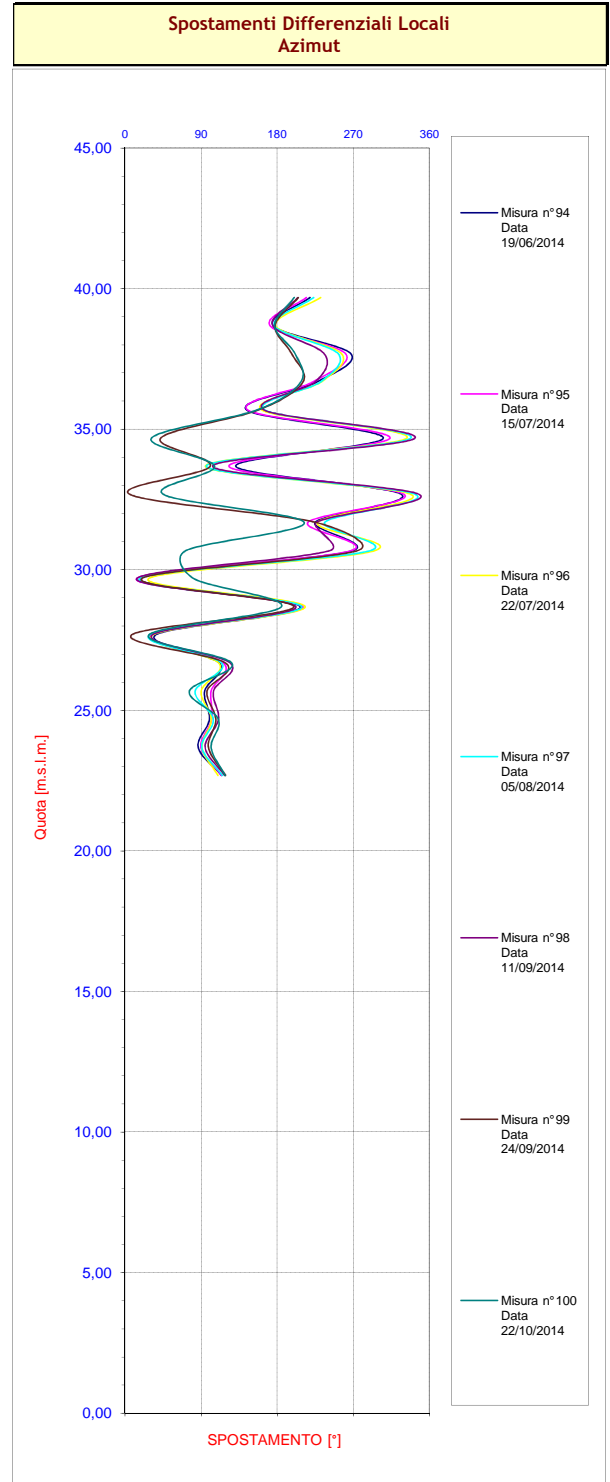
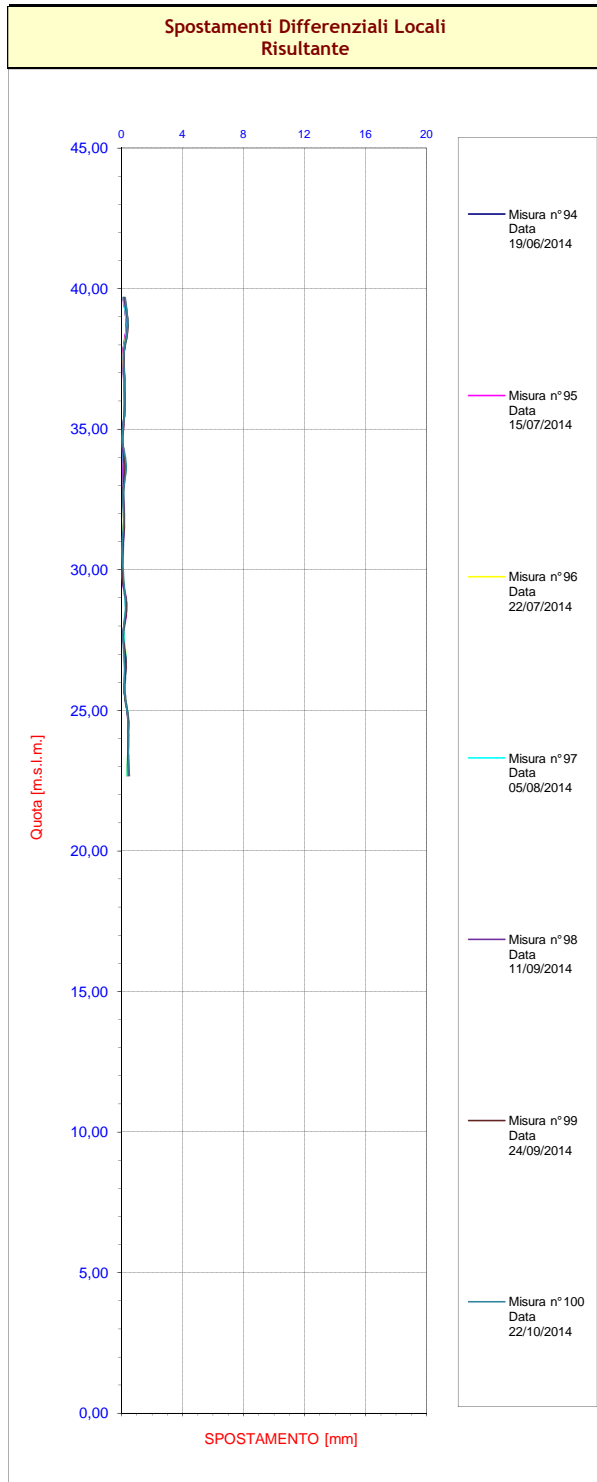


Spostamenti Differenziali Locali
SUD - (valori negativi) / NORD + (valori positivi)



Ubicazione **STAZIONE CHIAIA**
Tipo Strumento **Tubo inclinometrico**
Nome tubo **CH_IN_P50**
Azimut di riferimento **80**
Quota guida rif. (m.s.l.m.) **40,18**
Data lettura di zero **21/01/2011**
Data posa in opera **21/12/2010**

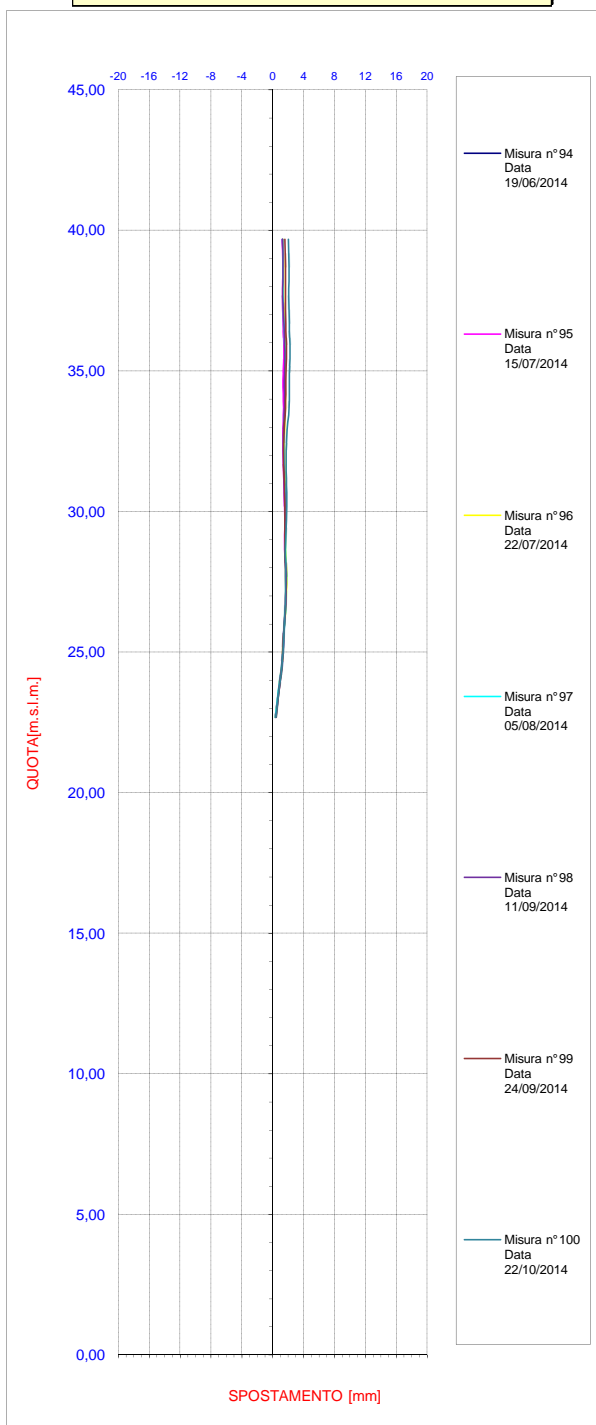
Ultima Misura **100** in data **22/10/2014 10.25**



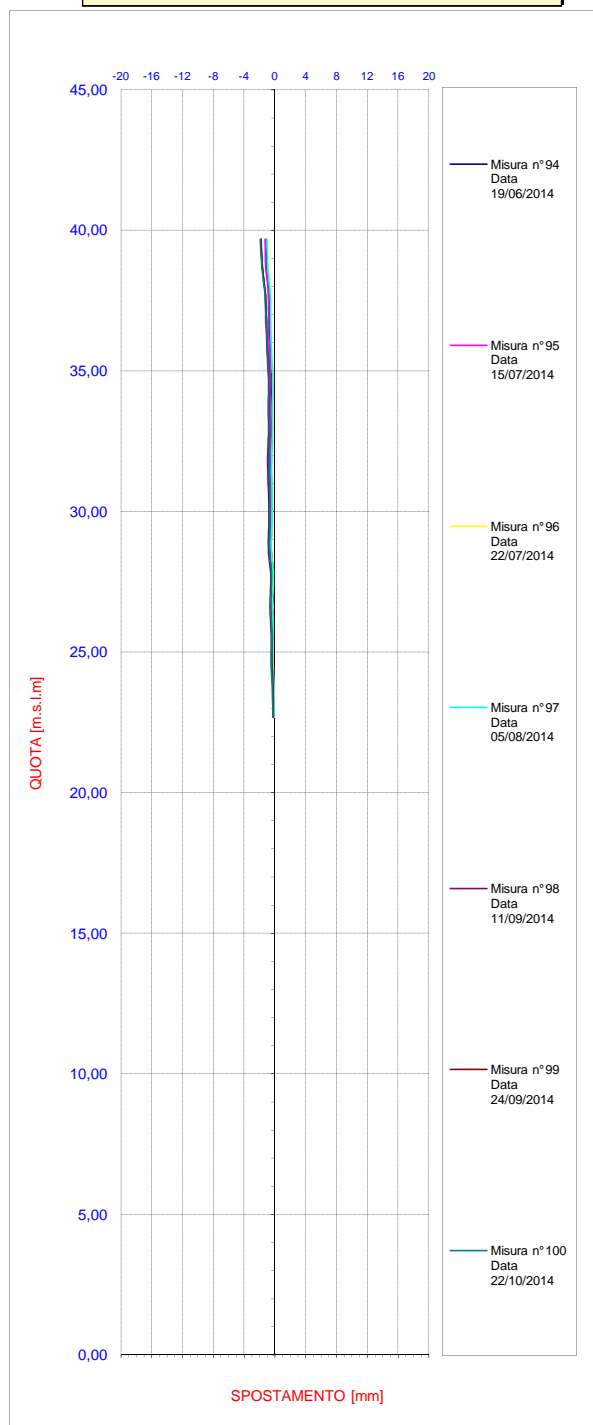
Ubicazione **STAZIONE CHIAIA**
 Tipo Strumento **Tubo inclinometrico**
 Nome tubo **CH_IN_P50**
 Azimut di riferimento **80**
 Quota guida rif. (m.s.l.m.) **40,18**
 Data lettura di zero **21/01/2011**
 Data posa in opera **21/12/2010**

Ultima Misura **100** in data **22/10/2014 10.25**

Spostamenti Differenziali Integrali
OVEST- (valori negativi) / EST + (valori positivi)



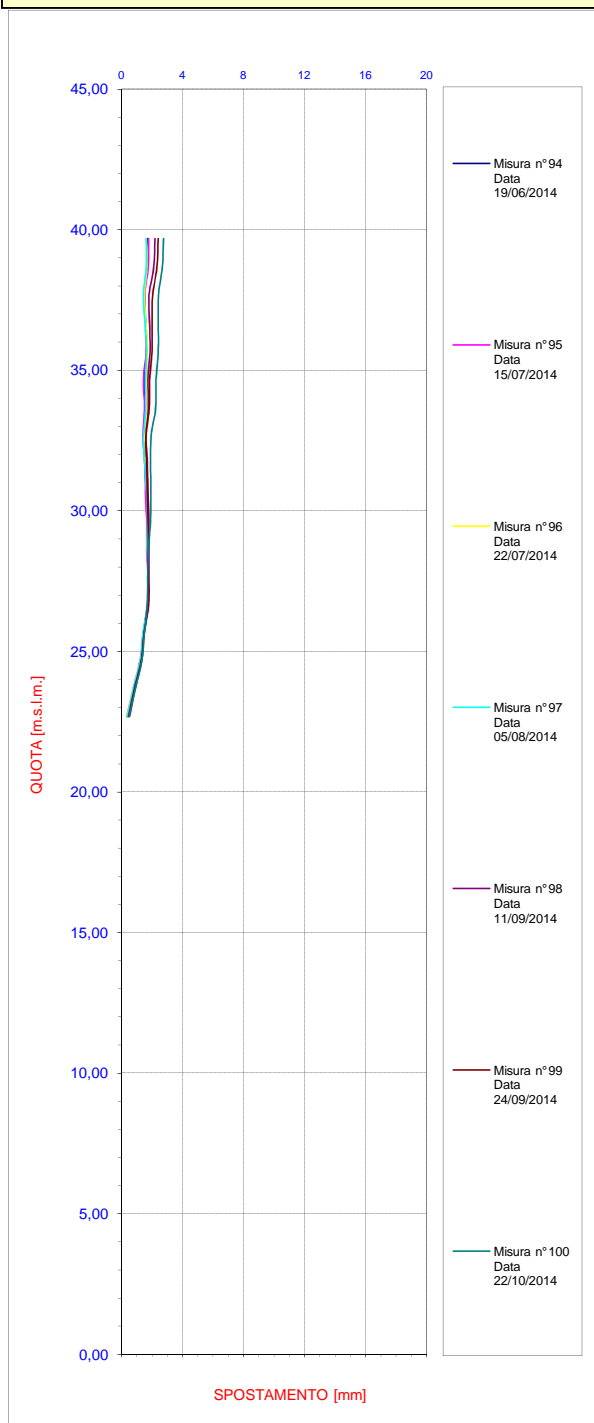
Spostamenti Differenziali Integrali
SUD - (valori negativi) / NORD + (valori positivi)



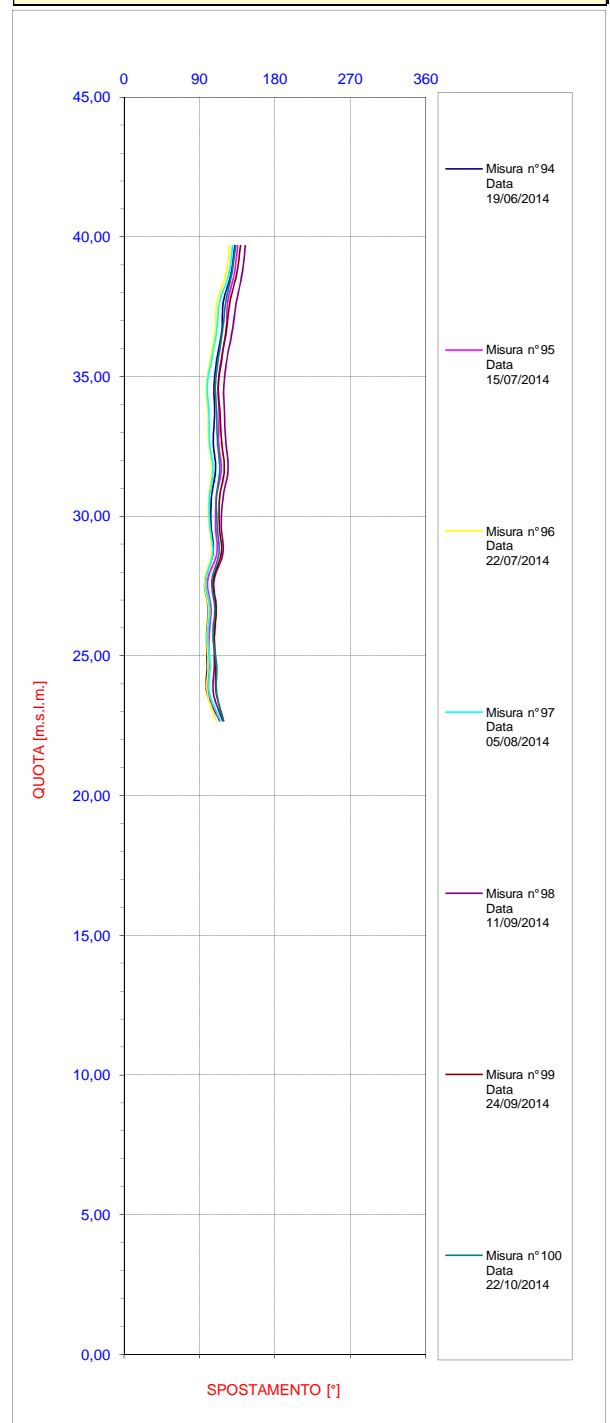
Ubicazione **STAZIONE CHIAIA**
 Tipo Strumento **Tubo inclinometrico**
 Nome tubo **CH_IN_P50**
 Azimut di riferimento **80**
 Quota guida rif. (m.s.l.m.) **40,18**
 Data lettura di zero **21/01/2011**
 Data posa in opera **21/12/2010**

Ultima Misura **100** in data **22/10/2014 10.25**

Spostamenti Differenziali Integrali Risultante



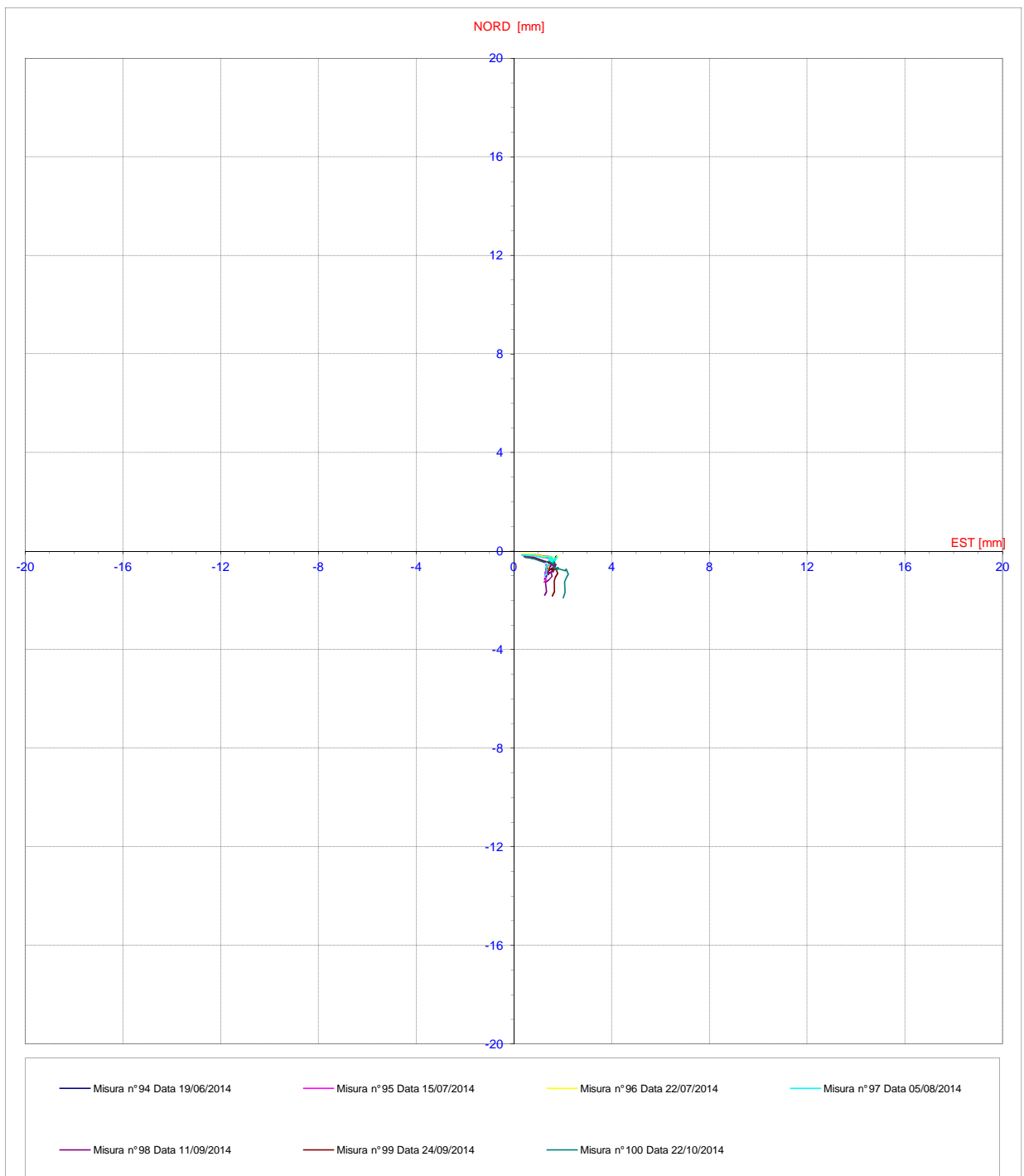
Spostamenti Differenziali Integrali Azimut



Ubicazione **STAZIONE CHIAIA**
 Tipo Strumento **Tubo inclinometrico**
 Nome tubo **CH_IN_P50**
 Azimut di riferimento **80**
 Quota guida rif. (m.s.l.m.) **40,18**
 Data lettura di zero **21/01/2011**
 Data posa in opera **21/12/2010**

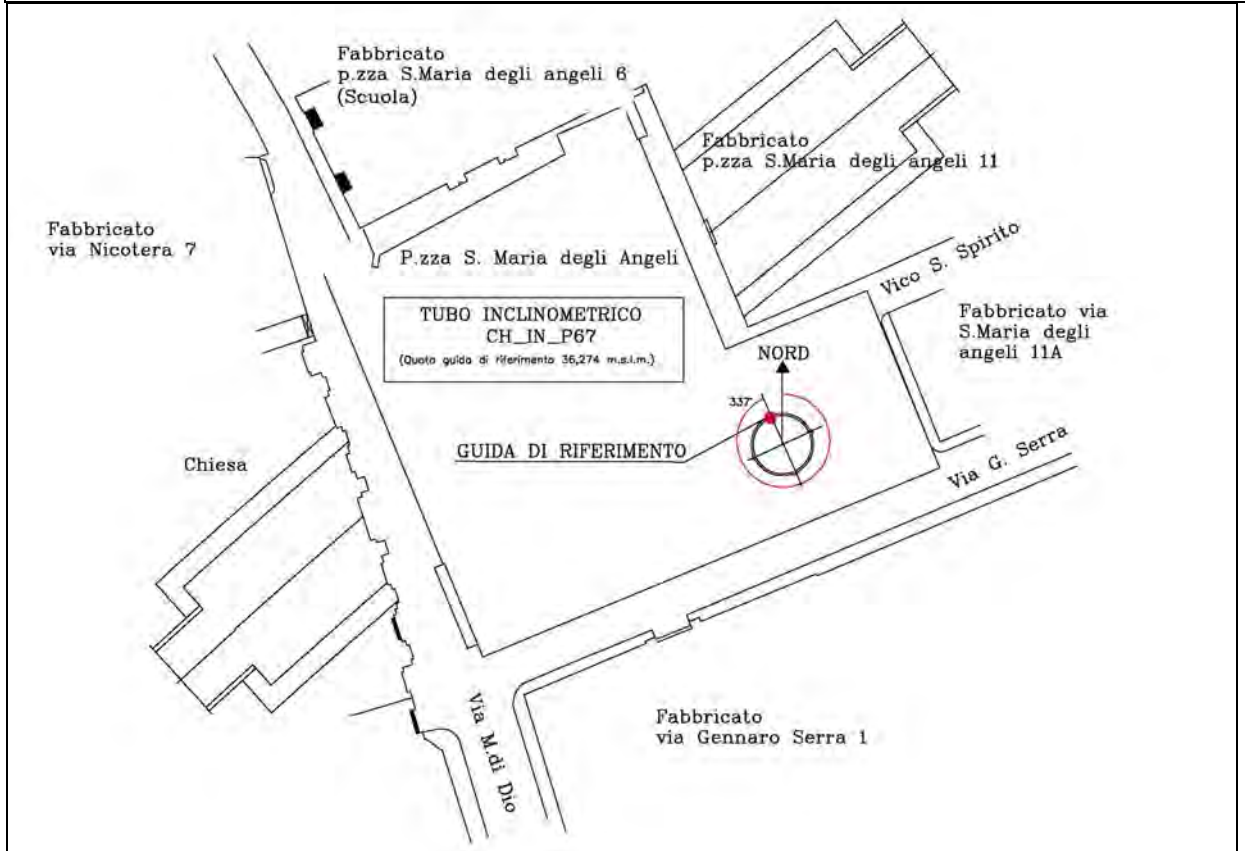
Ultima Misura **100** in data **22/10/2014 10.25**

Spostamenti Differenziali Integrali
Diagramma polare



Inclinometro

CH_IN_P67



Affidabilità strumentale
A.T.I. LM6 – TreEsse

buono
da rivedere
da scartare

X

Congruenza progettuale
C.T. ATI LM6 – C.T. Monitoraggio

congruente
non congruente, da valutare
non congruente con implicazioni sulla
sicurezza

NOTE



MISURE INCLINOMETRICHE
ELABORAZIONE DA FONDO FORO
-TABULATI-

Ubicazione **STAZIONE CHIAIA**
 Tipo Strumento **Tubo inclinometrico**
 Nome tubo **CH_IN_P67**
 Azimut di riferimento **337**
 Quota guida rif. (m.s.l.m.) **36,274**
 Data lettura di zero **25/11/2009**
 Data posa in opera **18/11/2009**

Misura **152** in data **22/10/2014 09.58**

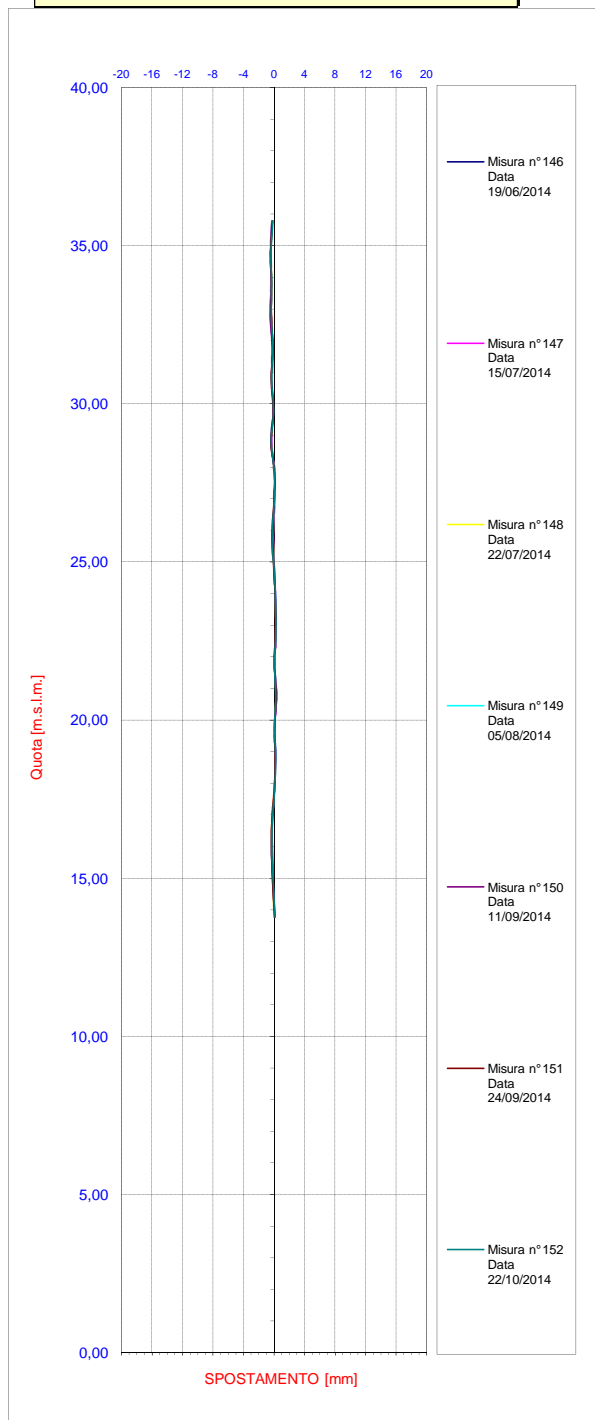
SPOSTAMENTI LOCALI (mm)				
PROFONDITA (m.s.l.m.)	EST	NORD	RISULTANTE	AZIMUT
35,8	-0,135	-0,084	0,159	237,974
34,8	-0,426	-0,142	0,449	251,591
33,8	-0,318	0,184	0,368	300,062
32,8	-0,360	0,089	0,371	283,842
31,8	-0,135	0,173	0,219	322,005
30,8	-0,330	-0,122	0,352	249,645
29,8	-0,038	0,235	0,238	350,696
28,8	-0,364	-0,052	0,367	261,917
27,8	0,056	0,078	0,096	35,883
26,8	0,012	0,035	0,037	18,972
25,8	-0,257	0,527	0,587	333,993
24,8	0,027	0,434	0,435	3,597
23,8	0,205	0,366	0,420	29,256
22,8	0,254	0,342	0,426	36,635
21,8	0,075	-0,332	0,340	167,266
20,8	0,236	0,179	0,296	52,823
19,8	0,098	0,498	0,508	11,116
18,8	0,212	0,254	0,331	39,849
17,8	0,094	0,126	0,157	36,791
16,8	-0,236	0,211	0,316	311,764
15,8	-0,268	0,182	0,323	304,170
14,8	-0,088	0,037	0,095	292,726
13,8	0,161	0,110	0,195	55,726

SPOSTAMENTI INTEGRALI (mm)				
PROFONDITA (m.s.l.m.)	EST	NORD	RISULTANTE	AZIMUT
35,8	-1,524	3,327	3,659	335,386
34,8	-1,389	3,411	3,683	337,842
33,8	-0,963	3,553	3,681	344,834
32,8	-0,645	3,369	3,430	349,165
31,8	-0,284	3,280	3,292	355,045
30,8	-0,150	3,108	3,111	357,246
29,8	0,180	3,230	3,235	3,197
28,8	0,219	2,995	3,003	4,179
27,8	0,583	3,047	3,102	10,825
26,8	0,526	2,969	3,015	10,053
25,8	0,514	2,934	2,978	9,941
24,8	0,771	2,406	2,527	17,774
23,8	0,744	1,972	2,108	20,674
22,8	0,539	1,606	1,694	18,555
21,8	0,285	1,264	1,296	12,703
20,8	0,210	1,596	1,610	7,498
19,8	-0,026	1,417	1,417	358,947
18,8	-0,124	0,919	0,927	352,320
17,8	-0,336	0,665	0,745	333,198
16,8	-0,430	0,539	0,689	321,408
15,8	-0,194	0,328	0,381	329,405
14,8	0,074	0,146	0,164	26,678
13,8	0,161	0,110	0,195	55,726

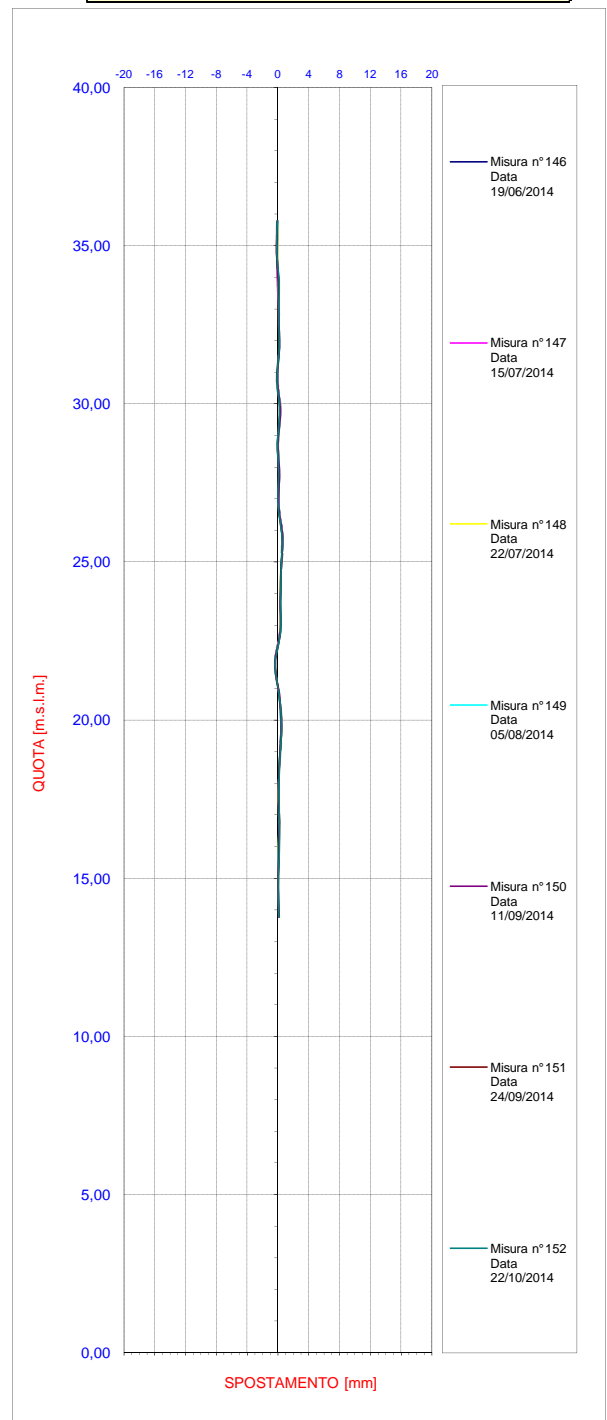
Ultima Misura 152 in data 22/10/2014 09.58

Ubicazione STAZIONE CHIAIA
Tipo Strumento Tubo inclinometrico
Nome tubo CH_IN_P67
Azimut di riferimento 337
Quota guida rif. (m.s.l.m.) 36,274
Data lettura di zero 25/11/2009
Data posa in opera 18/11/2009

Spostamenti Differenziali Locali
OVEST- (valori negativi) / EST + (valori positivi)

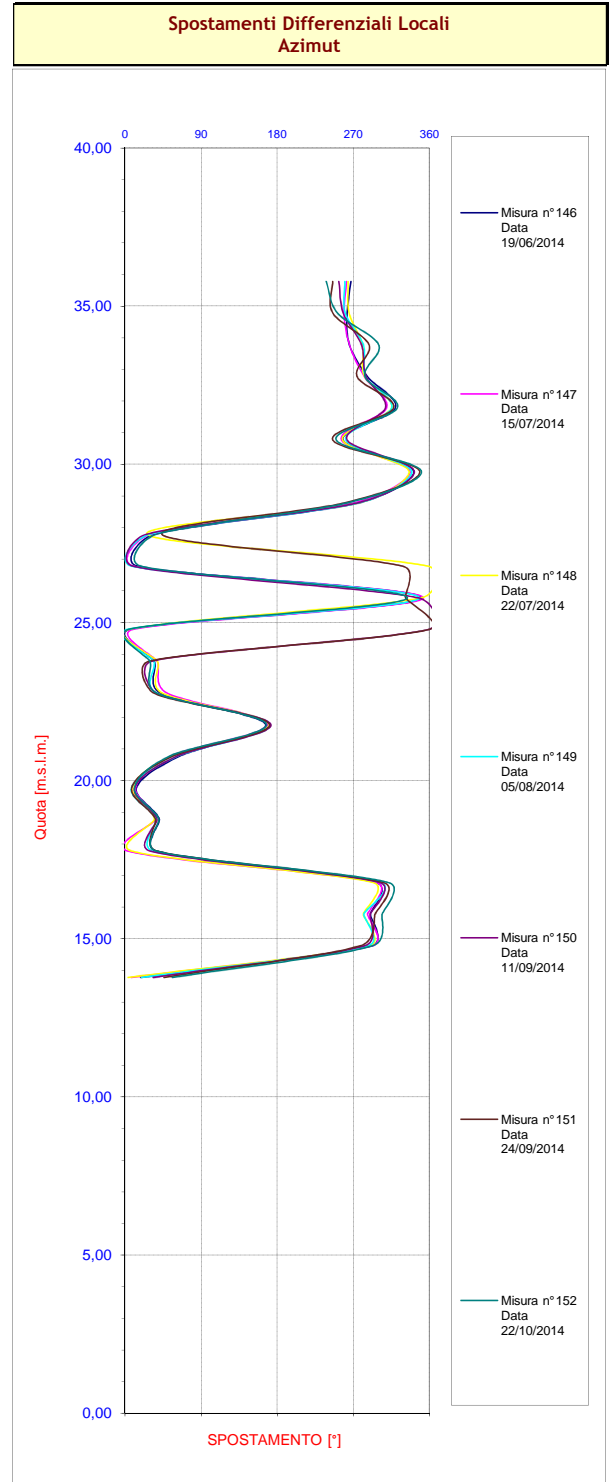
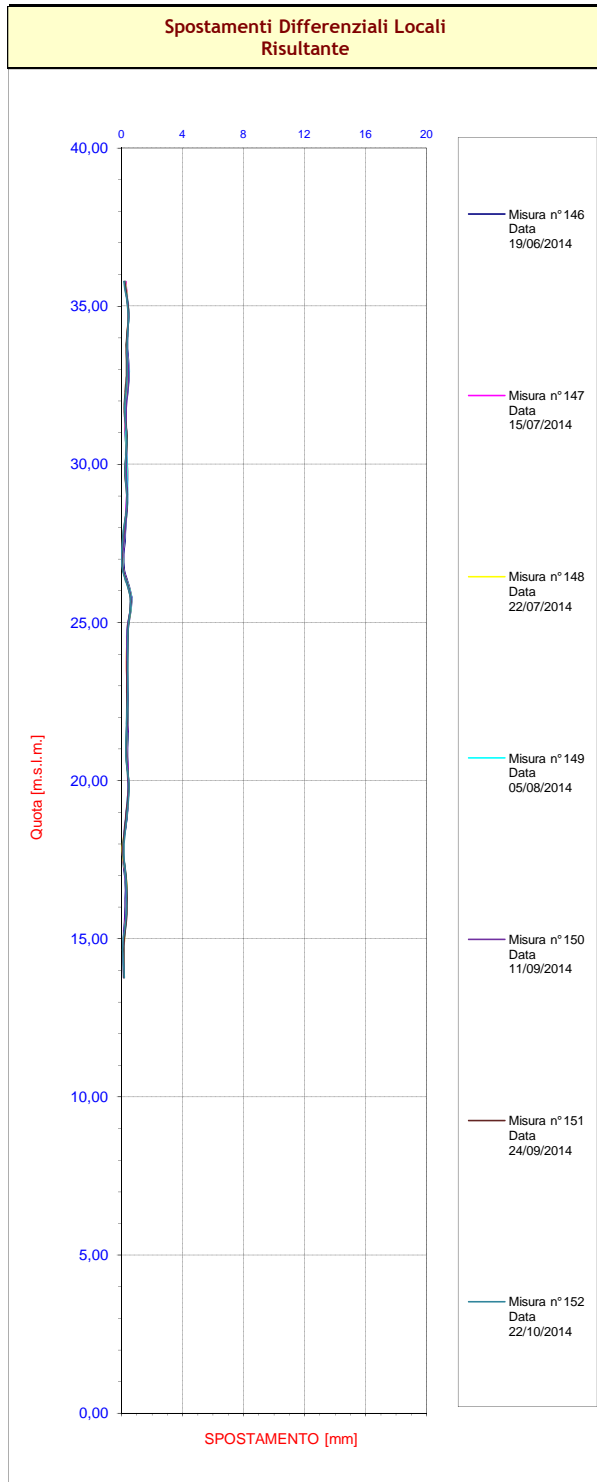


Spostamenti Differenziali Locali
SUD - (valori negativi) / NORD + (valori positivi)



Ubicazione **STAZIONE CHIAIA**
 Tipo Strumento **Tubo inclinometrico**
 Nome tubo **CH_IN_P67**
 Azimut di riferimento **337**
 Quota guida rif. (m.s.l.m.) **36,274**
 Data lettura di zero **25/11/2009**
 Data posa in opera **18/11/2009**

Ultima Misura **152** in data **22/10/2014 09.58**



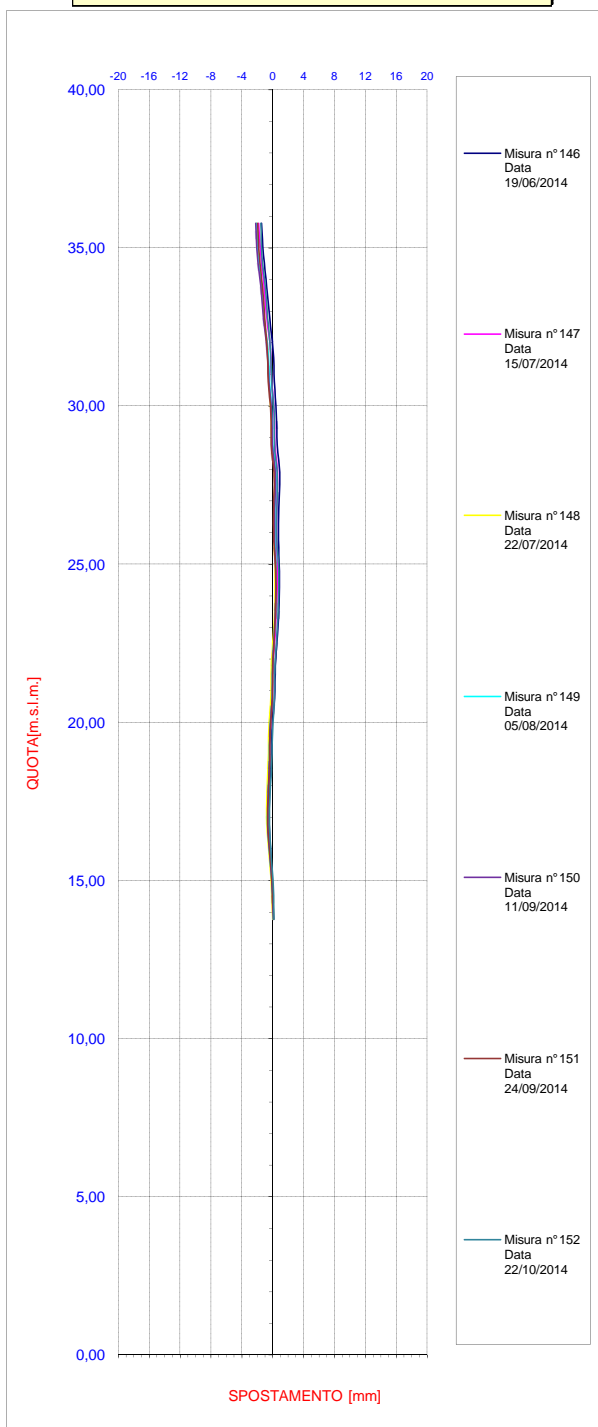


MISURE INCLINOMETRICHE
ELABORAZIONE DA FONDO FORO
-GRAFICI-3/5

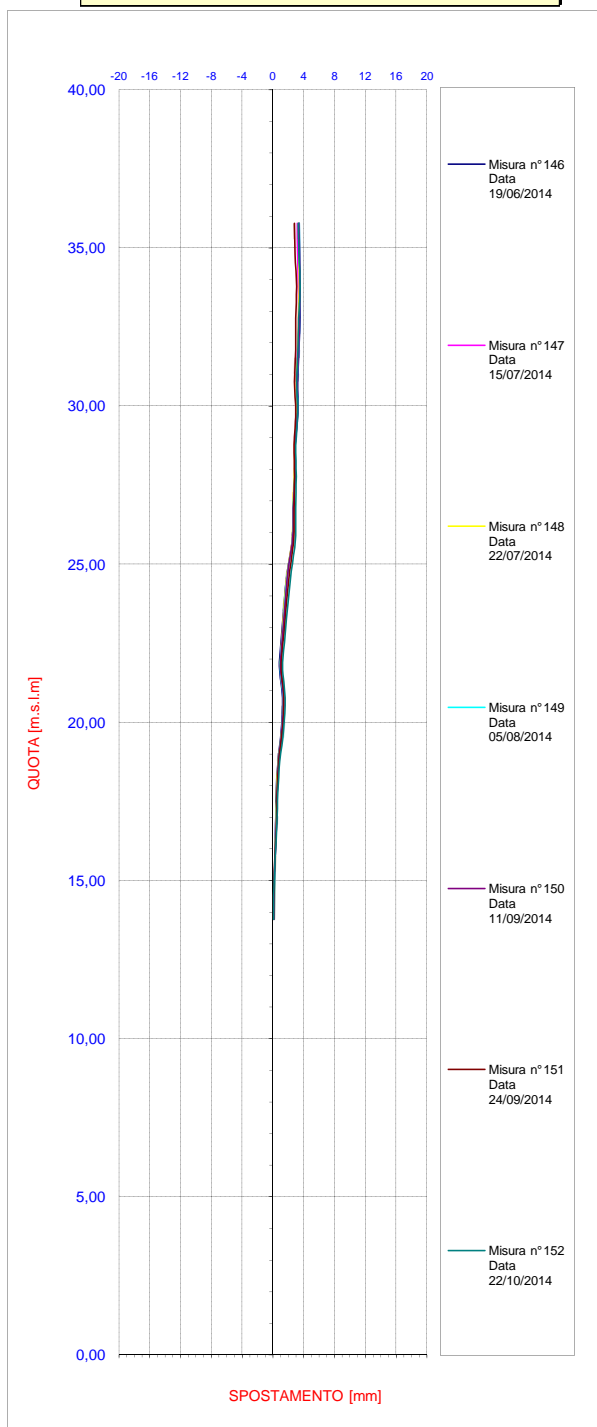
Ubicazione **STAZIONE CHIAIA**
 Tipo Strumento **Tubo inclinometrico**
 Nome tubo **CH_IN_P67**
 Azimut di riferimento **337**
 Quota guida rif. (m.s.l.m.) **36,274**
 Data lettura di zero **25/11/2009**
 Data posa in opera **18/11/2009**

Ultima Misura **152** in data **22/10/2014 09.58**

Spostamenti Differenziali Integrali
OVEST- (valori negativi) / EST + (valori positivi)



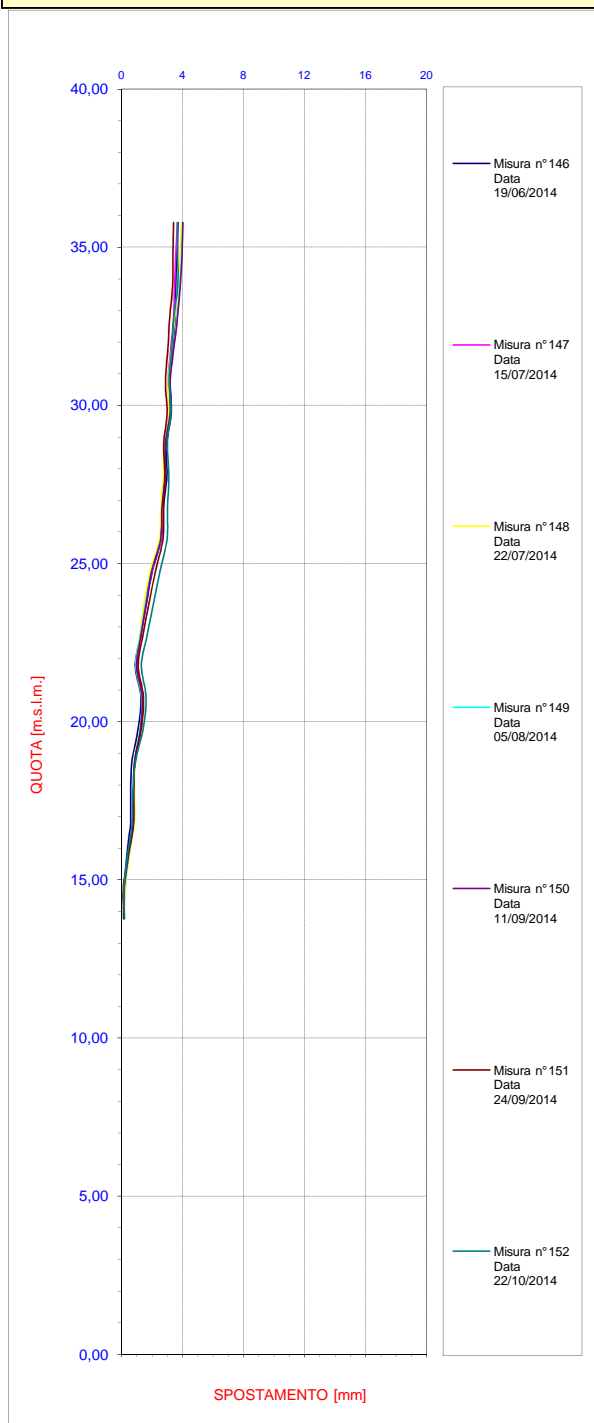
Spostamenti Differenziali Integrali
SUD - (valori negativi) / NORD + (valori positivi)



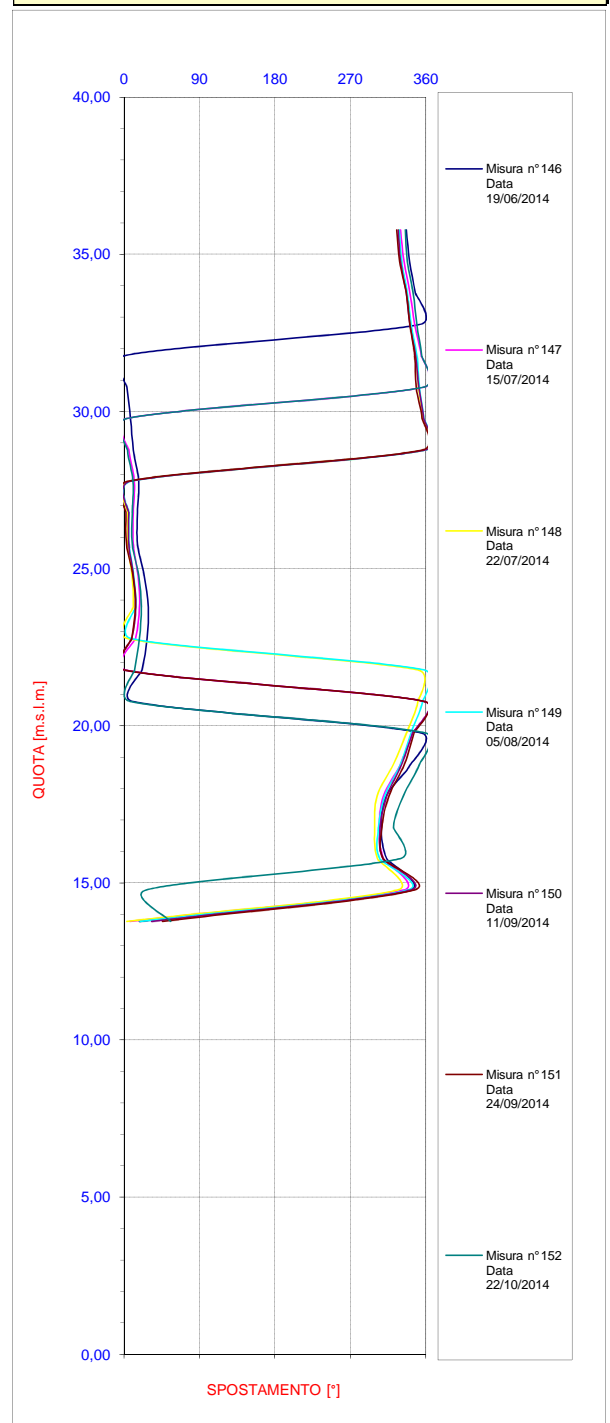
Ubicazione **STAZIONE CHIAIA**
Tipo Strumento **Tubo inclinometrico**
Nome tubo **CH_IN_P67**
Azimut di riferimento **337**
Quota guida rif. (m.s.l.m.) **36,274**
Data lettura di zero **25/11/2009**
Data posa in opera **18/11/2009**

Ultima Misura **152** in data **22/10/2014 09.58**

Spostamenti Differenziali Integrali Risultante



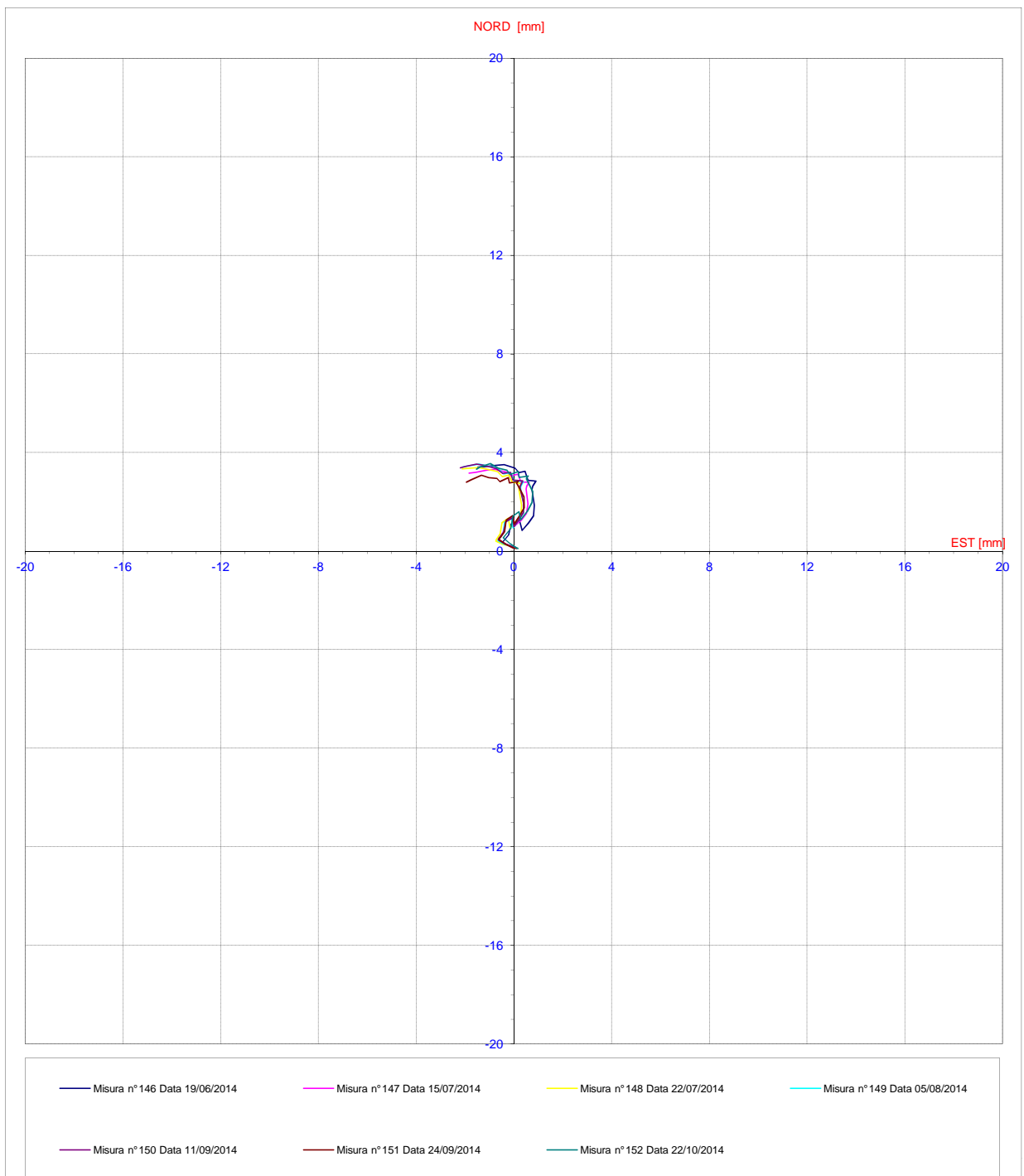
Spostamenti Differenziali Integrali Azimut

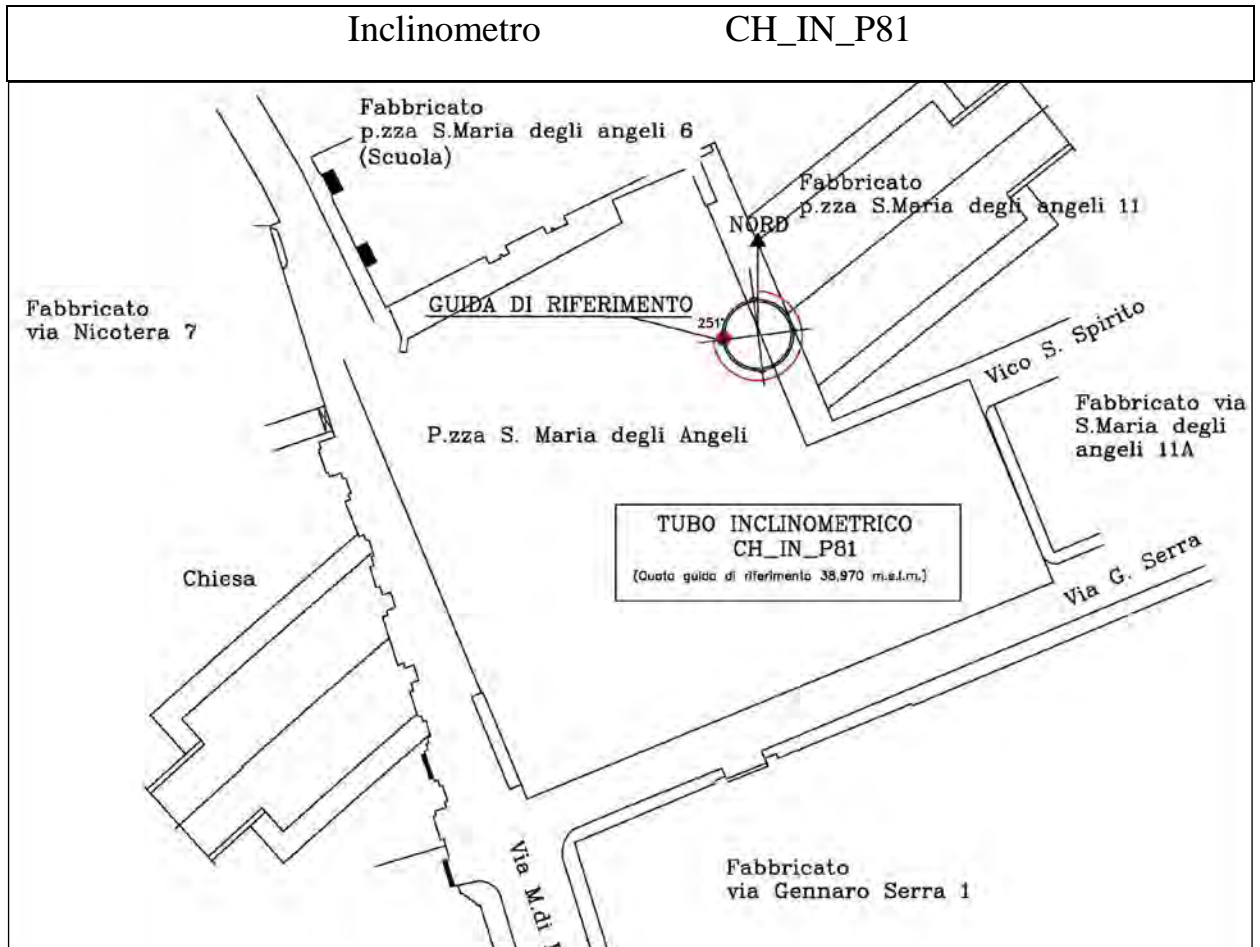


Ubicazione **STAZIONE CHIAIA**
 Tipo Strumento **Tubo inclinometrico**
 Nome tubo **CH_IN_P67**
 Azimut di riferimento **337**
 Quota guida rif. (m.s.l.m.) **36,274**
 Data lettura di zero **25/11/2009**
 Data posa in opera **18/11/2009**

Ultima Misura **152** in data **22/10/2014 09.58**

Spostamenti Differenziali Integrali
Diagramma polare





Affidabilità strumentale A.T.I. LM6 – TreEsse	Congruenza progettuale C.T. ATI LM6 – C.T. Monitoraggio
buono <input checked="" type="checkbox"/>	congruente <input type="checkbox"/>
da rivedere <input type="checkbox"/>	non congruente, da valutare <input type="checkbox"/>
da scartare <input type="checkbox"/>	non congruente con implicazioni sulla sicurezza <input type="checkbox"/>

NOTE



MISURE INCLINOMETRICHE
ELABORAZIONE DA FONDO FORO
-TABULATI-

Ubicazione **STAZIONE CHIAIA**
 Tipo Strumento **Tubo inclinometrico**
 Nome tubo **CH_IN_P81**
 Azimut di riferimento **251**
 Quota guida rif. (m.s.l.m.) **38,97**
 Data lettura di zero **21/01/2011**
 Data posa in opera **21/12/2010**

Misura **99** in data **22/10/2014 10.59**

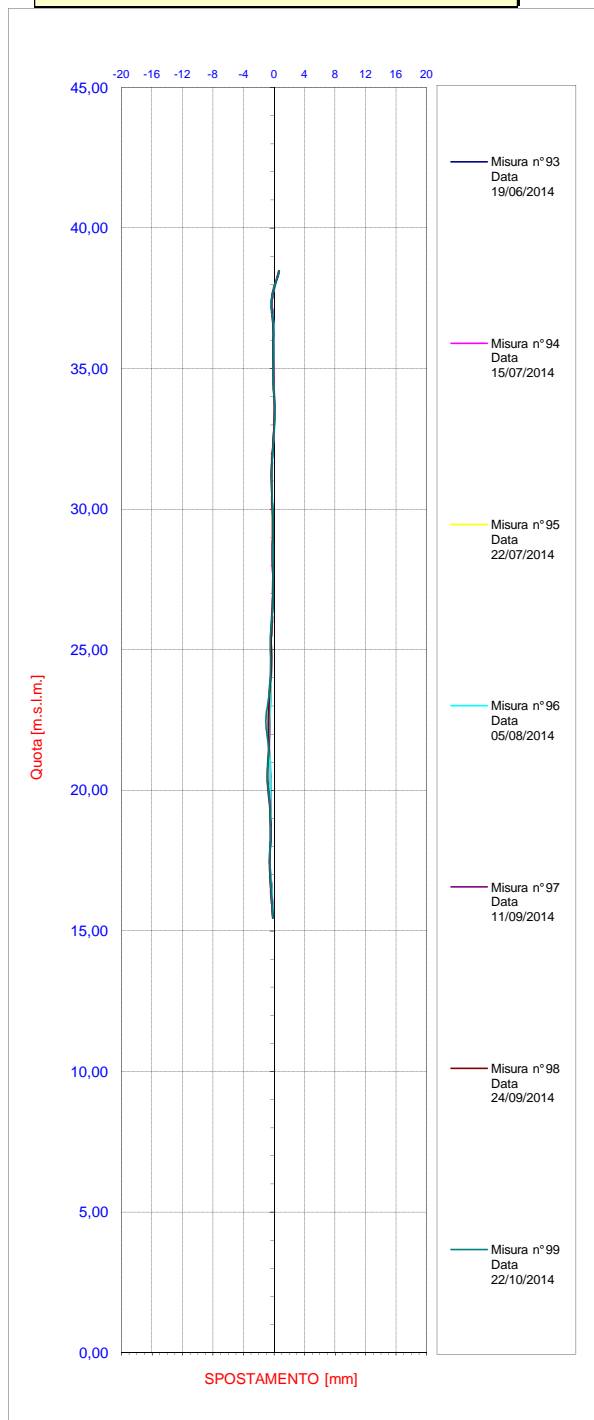
SPOSTAMENTI LOCALI (mm)				
PROFONDITA (m.s.l.m.)	EST	NORD	RISULTANTE	AZIMUT
38,5	0,657	-0,326	0,734	116,401
37,5	-0,342	-0,386	0,515	221,574
36,5	-0,121	-0,103	0,159	229,687
35,5	-0,133	0,142	0,195	316,826
34,5	-0,101	0,125	0,160	320,973
33,5	0,092	0,080	0,122	49,192
32,5	-0,086	0,072	0,112	309,753
31,5	-0,308	0,232	0,385	306,957
30,5	-0,261	-0,020	0,262	265,650
29,5	-0,134	0,107	0,171	308,543
28,5	-0,184	-0,185	0,261	224,745
27,5	-0,125	-0,054	0,136	246,766
26,5	-0,177	-0,147	0,230	230,376
25,5	-0,504	-0,172	0,533	251,166
24,5	-0,470	-0,095	0,480	258,588
23,5	-0,645	0,018	0,646	271,599
22,5	-1,082	-0,110	1,088	264,209
21,5	-0,733	0,098	0,740	277,643
20,5	-0,869	-0,087	0,874	264,288
19,5	-0,557	-0,044	0,559	265,471
18,5	-0,519	-0,162	0,544	252,687
17,5	-0,573	-0,077	0,578	262,305
16,5	-0,379	0,012	0,380	271,827
15,5	-0,174	0,148	0,228	310,338

SPOSTAMENTI INTEGRALI (mm)				
PROFONDITA (m.s.l.m.)	EST	NORD	RISULTANTE	AZIMUT
38,5	-7,731	-0,935	7,787	263,106
37,5	-8,388	-0,608	8,410	265,852
36,5	-8,046	-0,223	8,049	268,414
35,5	-7,925	-0,120	7,926	269,134
34,5	-7,791	-0,262	7,796	268,074
33,5	-7,690	-0,387	7,700	267,122
32,5	-7,782	-0,466	7,796	266,571
31,5	-7,696	-0,538	7,715	266,001
30,5	-7,388	-0,770	7,428	264,052
29,5	-7,127	-0,750	7,167	263,994
28,5	-6,993	-0,856	7,046	263,018
27,5	-6,810	-0,671	6,843	264,370
26,5	-6,685	-0,618	6,713	264,722
25,5	-6,508	-0,471	6,525	265,861
24,5	-6,003	-0,299	6,011	267,150
23,5	-5,533	-0,204	5,537	267,889
22,5	-4,887	-0,222	4,892	267,400
21,5	-3,805	-0,112	3,807	268,311
20,5	-3,072	-0,211	3,079	266,078
19,5	-2,203	-0,124	2,206	266,786
18,5	-1,645	-0,080	1,647	267,232
17,5	-1,126	0,082	1,129	274,179
16,5	-0,553	0,160	0,576	286,102
15,5	-0,174	0,148	0,228	310,338

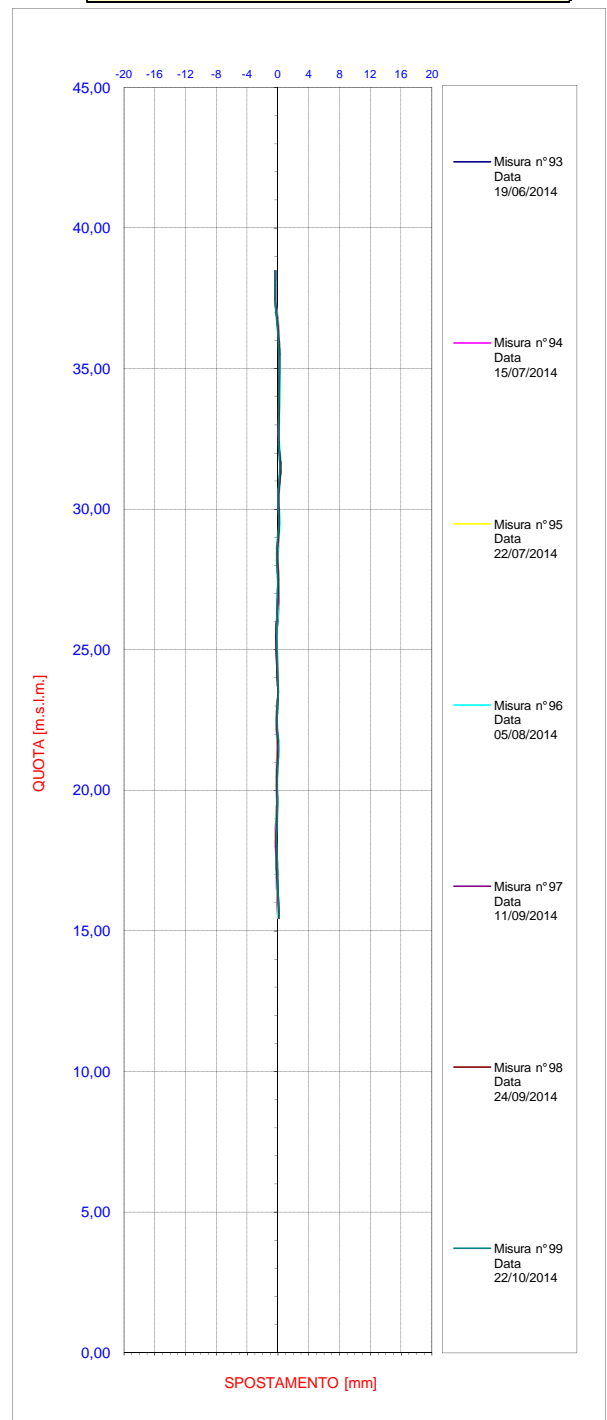
Ubicazione **STAZIONE CHIAIA**
 Tipo Strumento **Tubo inclinometrico**
 Nome tubo **CH_IN_P81**
 Azimut di riferimento **251**
 Quota guida rif. (m.s.l.m.) **38,97**
 Data lettura di zero **21/01/2011**
 Data posa in opera **21/12/2010**

Ultima Misura **99** in data **22/10/2014 10.59**

**Spostamenti Differenziali Locali
OVEST- (valori negativi) / EST + (valori positivi)**

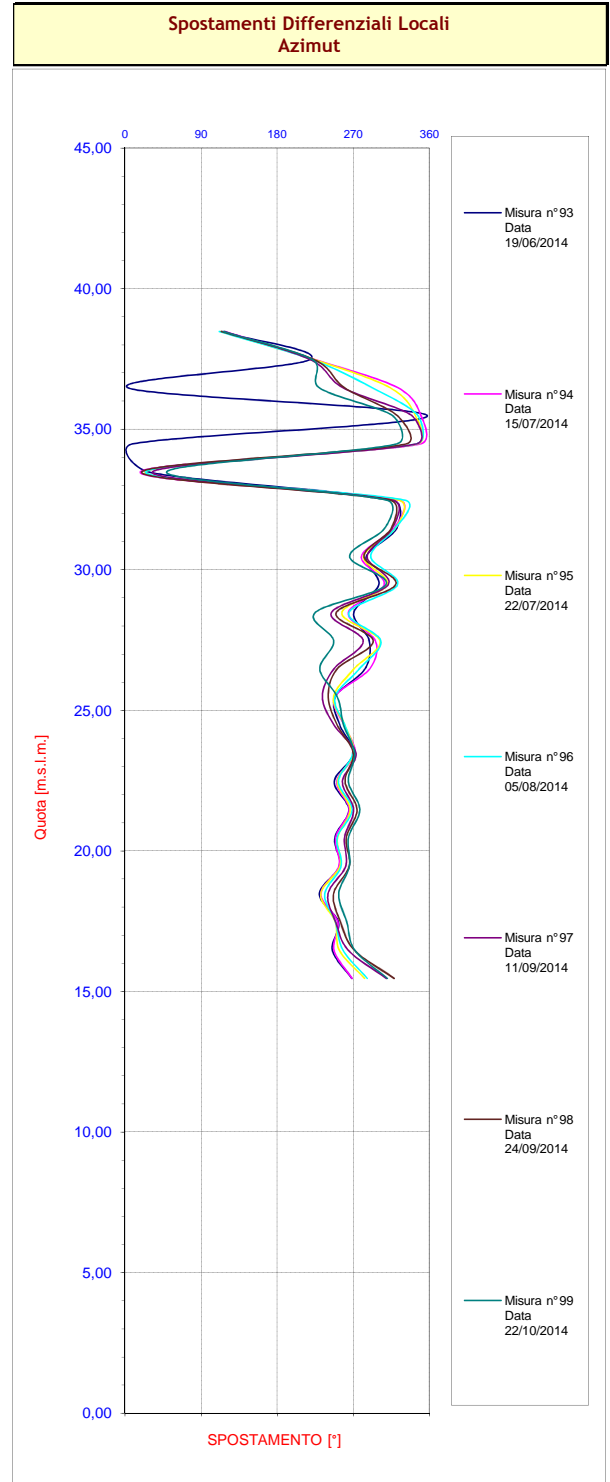
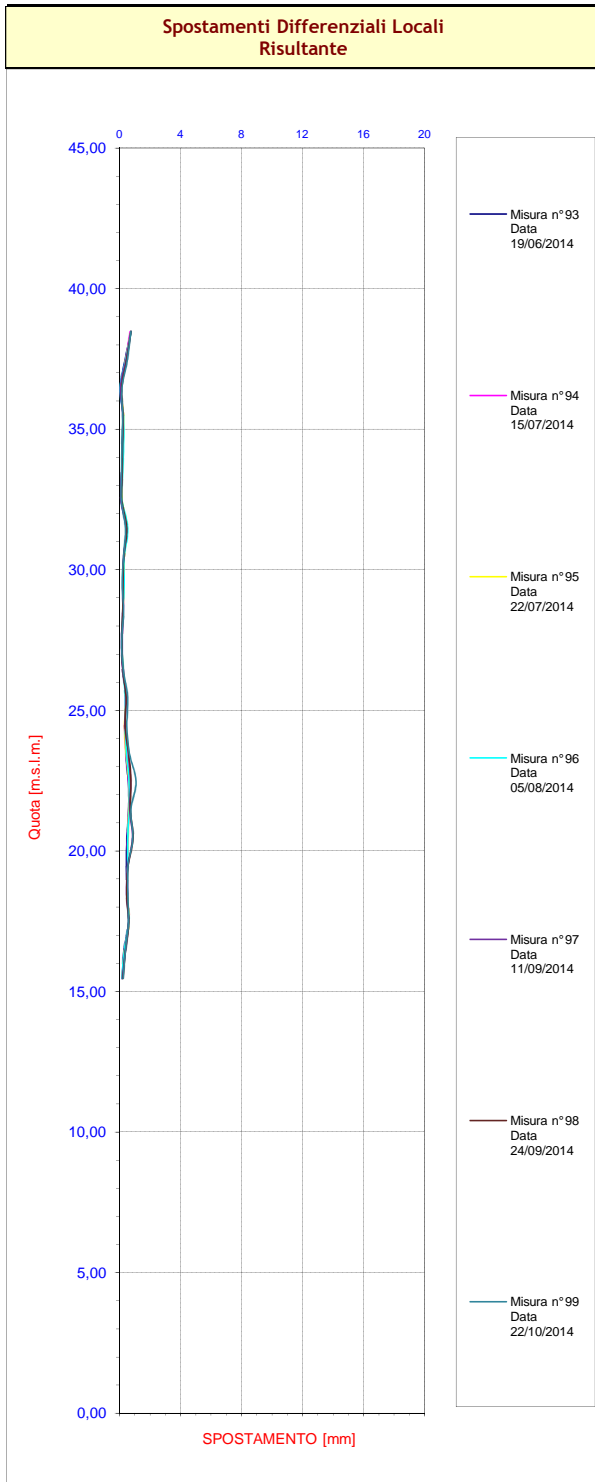


**Spostamenti Differenziali Locali
SUD - (valori negativi) / NORD + (valori positivi)**



Ubicazione **STAZIONE CHIAIA**
 Tipo Strumento **Tubo inclinometrico**
 Nome tubo **CH_IN_P81**
 Azimut di riferimento **251**
 Quota guida rif. (m.s.l.m.) **38,97**
 Data lettura di zero **21/01/2011**
 Data posa in opera **21/12/2010**

Ultima Misura **99** in data **22/10/2014 10.59**



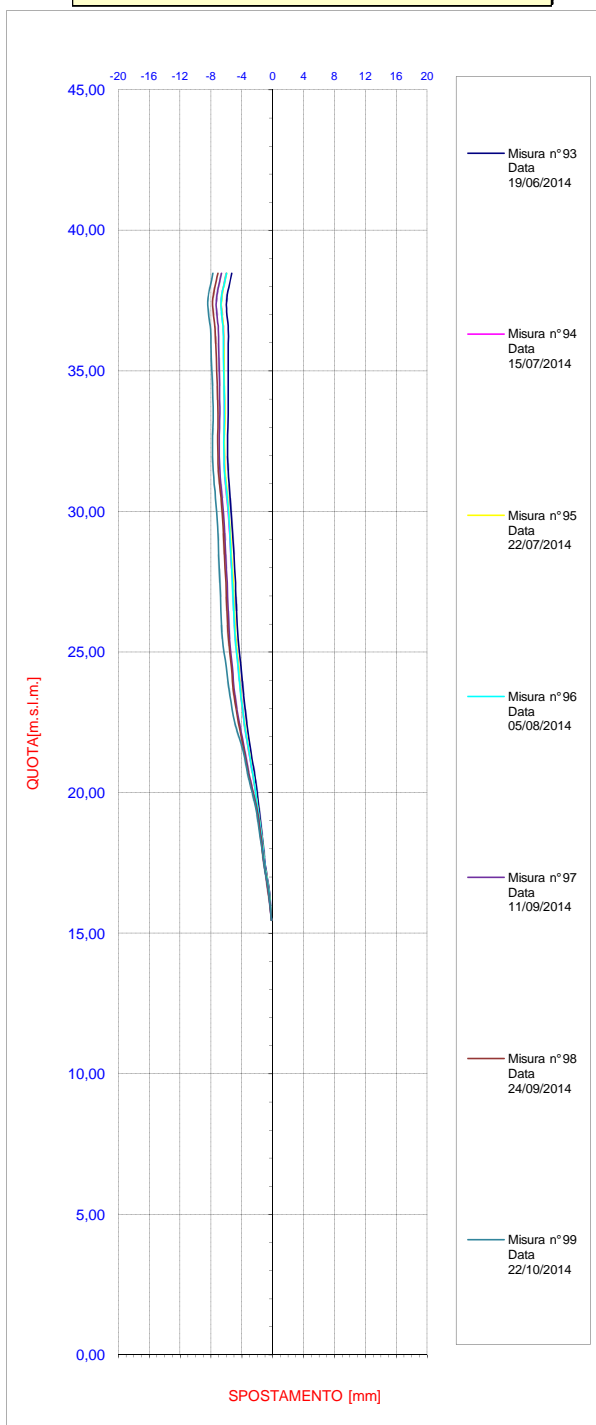


MISURE INCLINOMETRICHE
ELABORAZIONE DA FONDO FORO
-GRAFICI-3/5

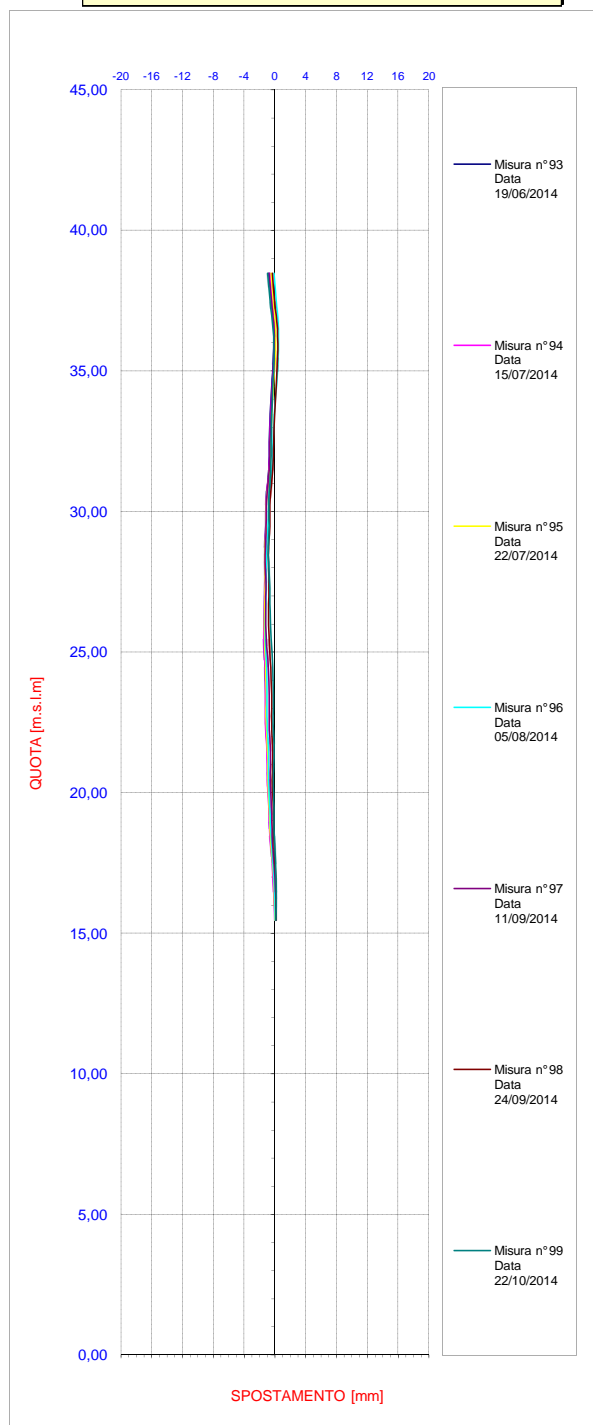
Ubicazione **STAZIONE CHIAIA**
 Tipo Strumento **Tubo inclinometrico**
 Nome tubo **CH_IN_P81**
 Azimut di riferimento **251**
 Quota guida rif. (m.s.l.m.) **38,97**
 Data lettura di zero **21/01/2011**
 Data posa in opera **21/12/2010**

Ultima Misura **99** in data **22/10/2014 10.59**

Spostamenti Differenziali Integrali
OVEST- (valori negativi) / EST + (valori positivi)



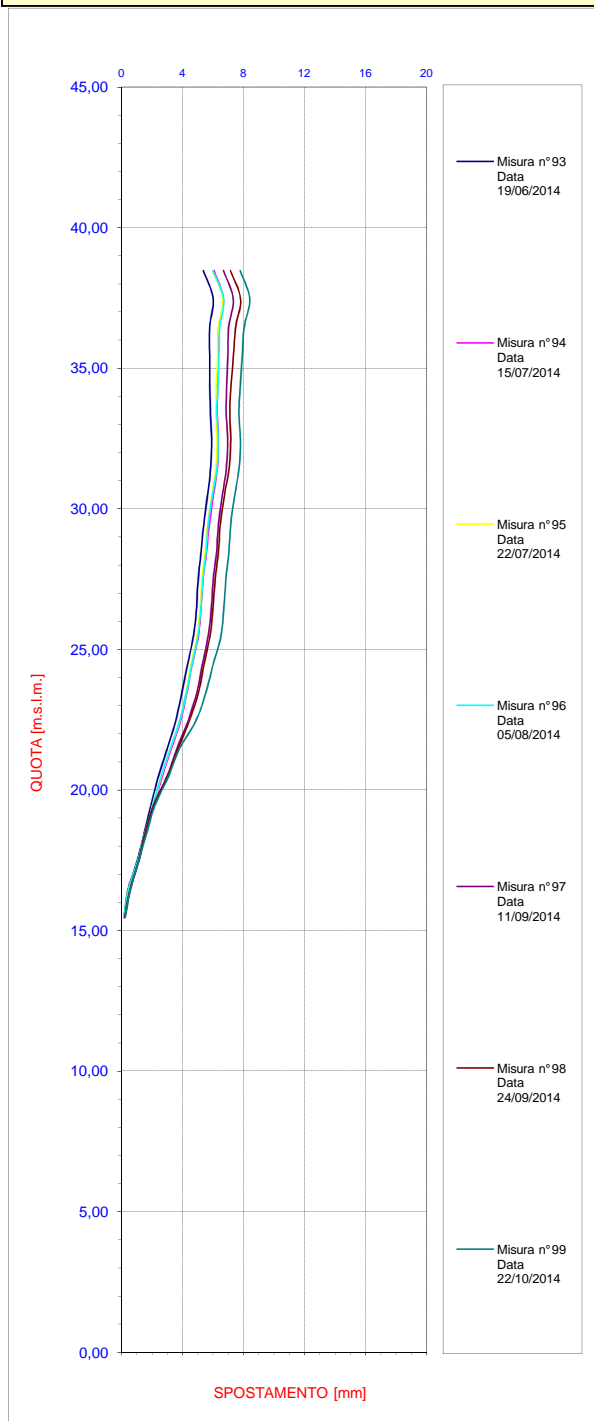
Spostamenti Differenziali Integrali
SUD - (valori negativi) / NORD + (valori positivi)



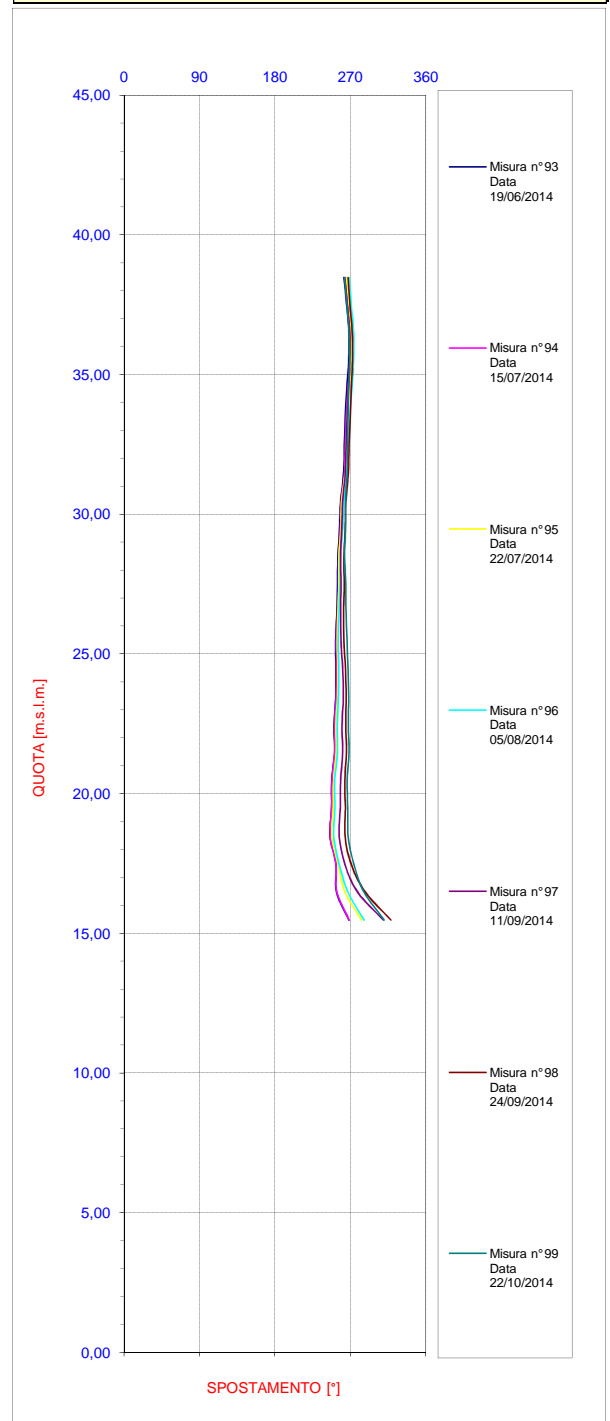
Ubicazione **STAZIONE CHIAIA**
 Tipo Strumento **Tubo inclinometrico**
 Nome tubo **CH_IN_P81**
 Azimut di riferimento **251**
 Quota guida rif. (m.s.l.m.) **38,97**
 Data lettura di zero **21/01/2011**
 Data posa in opera **21/12/2010**

Ultima Misura **99** in data **22/10/2014 10.59**

Spostamenti Differenziali Integrali Risultante



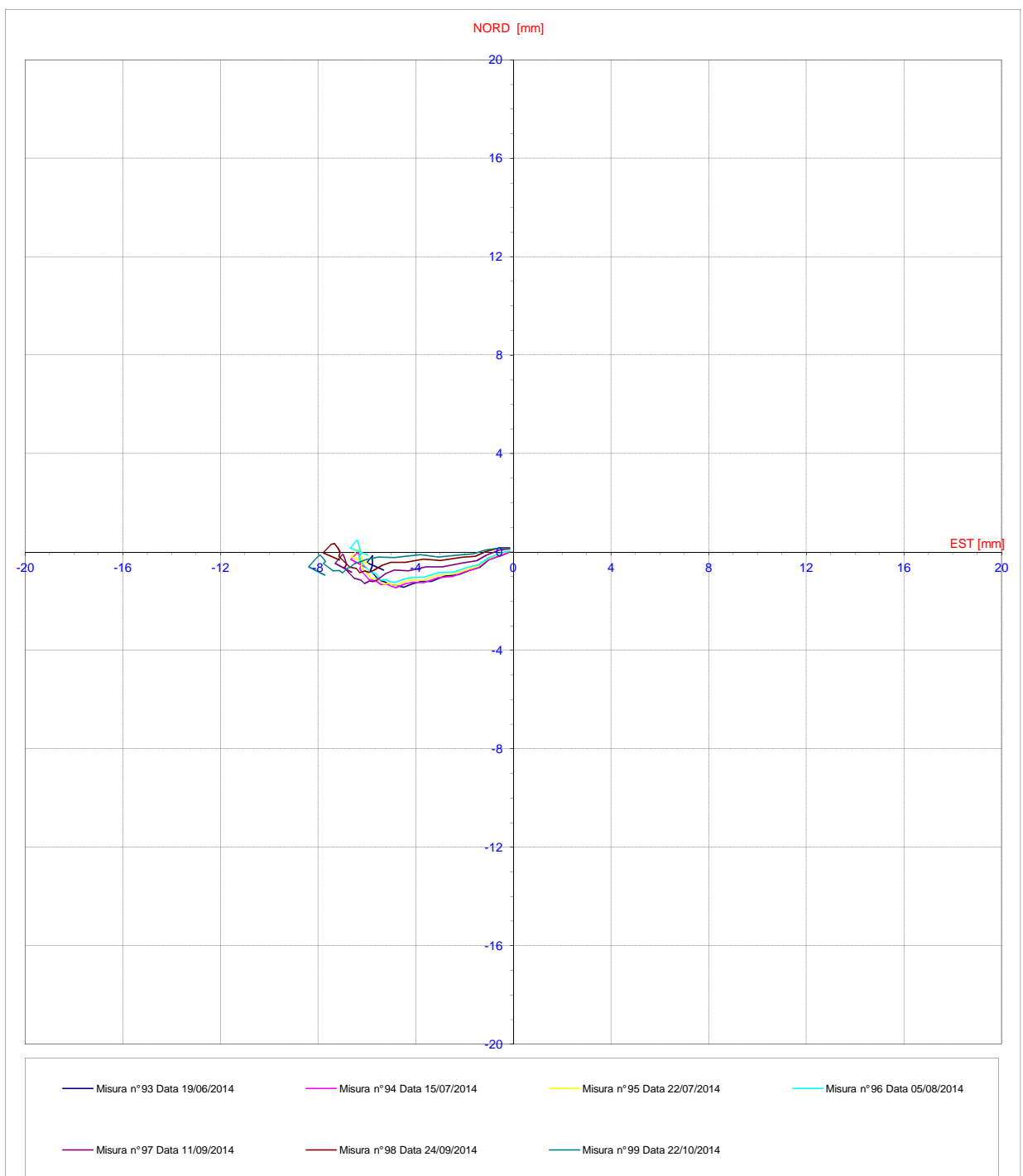
Spostamenti Differenziali Integrali Azimut




Ubicazione **STAZIONE CHIAIA**
 Tipo Strumento **Tubo inclinometrico**
 Nome tubo **CH_IN_P81**
 Azimut di riferimento **251**
 Quota guida rif. (m.s.l.m.) **38,97**
 Data lettura di zero **21/01/2011**
 Data posa in opera **21/12/2010**

Ultima Misura **99** in data **22/10/2014 10.59**

**Spostamenti Differenziali Integrali
Diagramma polare**



 <p>Ansaldo STS A Finmeccanica Company</p>	<p>LINEA 6 METROPOLITANA DI NAPOLI - PROGETTO ESECUTIVO</p> <p><i>OPERE CIVILI - MONITORAGGIO GEOTECNICO GEOREFERENZIATO</i> <i>REPORT DELLE MISURE - STAZIONE CHIAIA</i></p>	<p>LM6 7FX 2C I 36 Data: 31/10/14 Metropolitana di Napoli A.T.I. LM6 TreEsse Engineering S.r.l.</p>
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8. MISURE GEOTECNICHE – BARRETTE ESTENSIMETRICHE A CORDA VIBRANTE

Gli estensimetri a corda vibrante sono costituiti da un filo d'acciaio, teso tra due supporti ancorati alla struttura da monitorare e messo in vibrazione da un elettromagnete.

Le deformazioni della struttura causano un movimento dei due supporti, facendo variare il tensionamento del filo. Questa variazione di tesatura provoca un mutamento della frequenza di vibrazione della corda, che risulta proporzionale alle deformazioni agenti.

Tutte le barrette estensimetriche installate sono del tipo a corda vibrante per metallo, rese solidali alla struttura mediante saldatura.


 <p>Ansaldo STS A Finmeccanica Company</p>	<p>LINEA 6 METROPOLITANA DI NAPOLI - PROGETTO ESECUTIVO</p> <p><i>OPERE CIVILI - MONITORAGGIO GEOTECNICO GEOREFERENZIATO REPORT DELLE MISURE - STAZIONE CHIAIA</i></p>	<p>LM6 7FX 2C I 36 Data: 31/10/14 Metropolitana di Napoli A.T.I. LM6 TreEsse Engineering S.r.l.</p>
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Tabelle Riepilogative Per Le Barrette Estensimetriche Installate In Cantiere

Tabella Pannello N°13

NOME	TIPOLOGIA STRUMENTAZIONE	DATA INSTALL.	DISPONIBILITA' LETTURA			NOTE
			DATA LETT. DI ZERO	PERIODO INTERRUZIONE	DATA FINE ATTIVITA'	
CH_P13_S1	BARRETTE ESTENSIMETRICHE A C.V.	07/01/09	03/09/09			
CH_P13_S2	BARRETTE ESTENSIMETRICHE A C.V.	07/01/09				Non funzionante
CH_P13_S3	BARRETTE ESTENSIMETRICHE A C.V.	07/01/09	03/09/09			
CH_P13_S4	BARRETTE ESTENSIMETRICHE A C.V.	07/01/09	03/09/09			
CH_P13_S5	BARRETTE ESTENSIMETRICHE A C.V.	07/01/09	03/09/09			
CH_P13_S6	BARRETTE ESTENSIMETRICHE A C.V.	07/01/09	03/09/09			

Tabella Pannello N°50

NOME	TIPOLOGIA STRUMENTAZIONE	DATA INSTALL.	DISPONIBILITA' LETTURA			NOTE
			DATA LETT. DI ZERO	PERIODO INTERRUZIONE	DATA FINE ATTIVITA'	
CH_P50_S1	BARRETTE ESTENSIMETRICHE A C.V.	20/01/09	03/09/09			
CH_P50_S2	BARRETTE ESTENSIMETRICHE A C.V.	20/01/09	03/09/09			
CH_P50_S3	BARRETTE ESTENSIMETRICHE A C.V.	20/01/09	03/09/09			
CH_P50_S4	BARRETTE ESTENSIMETRICHE A C.V.	20/01/09	03/09/09			
CH_P50_S5	BARRETTE ESTENSIMETRICHE A C.V.	20/01/09	03/09/09			
CH_P50_S6	BARRETTE ESTENSIMETRICHE A C.V.	20/01/09	03/09/09			


 <p>Ansaldo STS A Finmeccanica Company</p>	<p>LINEA 6 METROPOLITANA DI NAPOLI - PROGETTO ESECUTIVO</p> <p><i>OPERE CIVILI - MONITORAGGIO GEOTECNICO GEOREFERENZIATO</i></p> <p><i>REPORT DELLE MISURE - STAZIONE CHIAIA</i></p>	<p>LM6 7FX 2C I 36 Data: 31/10/14 Metropolitana di Napoli A.T.I. LM6 TreEsse Engineering S.r.l.</p>
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Tabella Pannello N°67

NOME	TIPOLOGIA STRUMENTAZIONE	DATA INSTALL.	DISPONIBILITA' LETTURA			NOTE
			DATA LETT. DI ZERO	PERIODO INTERRUZIONE	DATA FINE ATTIVITA'	
CH_P67_S1	BARRETTE ESTENSIMETRICHE A C.V.	04/03/09	03/09/09		28/09/11	Lo strumento restituisce valore discontinuo
CH_P67_S2	BARRETTE ESTENSIMETRICHE A C.V.	04/03/09	03/09/09			
CH_P67_S3	BARRETTE ESTENSIMETRICHE A C.V.	04/03/09	03/09/09			
CH_P67_S4	BARRETTE ESTENSIMETRICHE A C.V.	04/03/09	03/09/09			
CH_P67_S5	BARRETTE ESTENSIMETRICHE A C.V.	04/03/09	03/09/09			
CH_P67_S6	BARRETTE ESTENSIMETRICHE A C.V.	04/03/09	03/09/09			

Tabella Pannello N°81

NOME	TIPOLOGIA STRUMENTAZIONE	DATA INSTALL.	DISPONIBILITA' LETTURA			NOTE
			DATA LETT. DI ZERO	PERIODO INTERRUZIONE	DATA FINE ATTIVITA'	
CH_P81_S1	BARRETTE ESTENSIMETRICHE A C.V.	31/03/09	03/09/09		20/04/11	(*)
CH_P81_S2	BARRETTE ESTENSIMETRICHE A C.V.	31/03/09	03/09/09		20/04/11	(*)
CH_P81_S3	BARRETTE ESTENSIMETRICHE A C.V.	31/03/09	03/09/09		20/04/11	(*)
CH_P81_S4	BARRETTE ESTENSIMETRICHE A C.V.	31/03/09	03/09/09		25/03/10	(*)
CH_P81_S5	BARRETTE ESTENSIMETRICHE A C.V.	31/03/09	03/09/09		20/04/11	(*)
CH_P81_S6	BARRETTE ESTENSIMETRICHE A C.V.	31/03/09	03/09/09		20/04/11	(*)
CH_P81_S7	BARRETTE ESTENSIMETRICHE A C.V.	31/03/09				(*)
CH_P81_S8	BARRETTE ESTENSIMETRICHE A C.V.	31/03/09	03/09/09		20/04/11	(*)

(*) Le barrette estensimetriche non restituiscono un segnale coerente pertanto non verranno più inserite nel programma di monitoraggio.


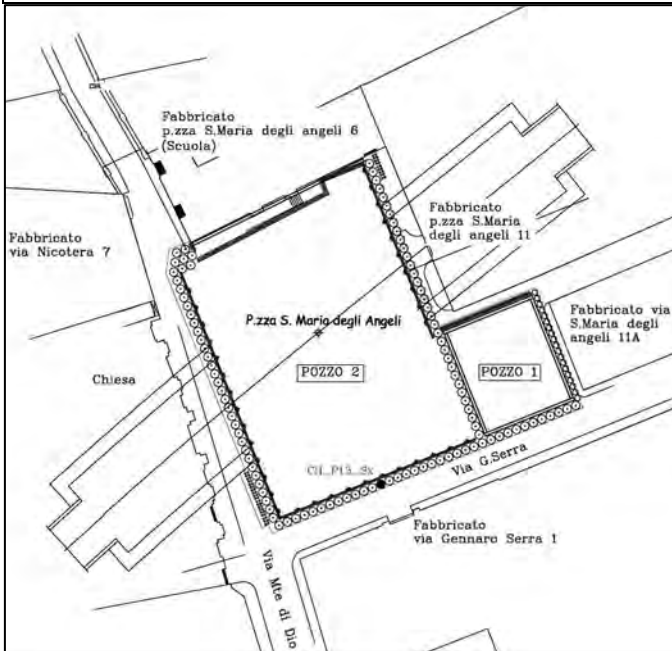
 <p>Ansaldo STS A Finmeccanica Company</p>	<p>LINEA 6 METROPOLITANA DI NAPOLI - PROGETTO ESECUTIVO</p> <p><i>OPERE CIVILI - MONITORAGGIO GEOTECNICO GEOREFERENZIATO</i></p> <p><i>REPORT DELLE MISURE - STAZIONE CHIAIA</i></p>	<p>LM6 7FX 2C I 36 Data: 31/10/14 Metropolitana di Napoli A.T.I. LM6 TreEsse Engineering S.r.l.</p>
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Tabella Puntoni PU1 e PU2

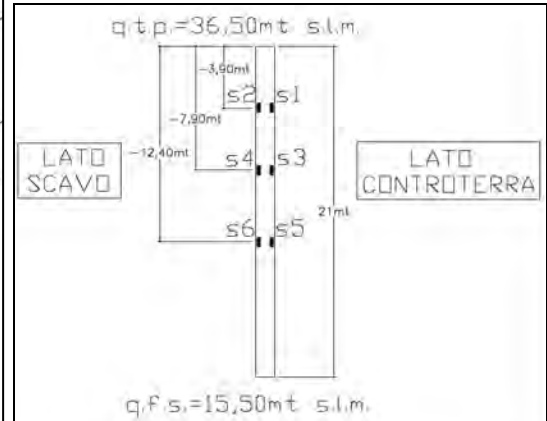
NOME	TIPOLOGIA STRUMENTAZIONE	DATA INSTALL.	DISPONIBILITA' LETTURA			NOTE
			DATA LETT. DI ZERO	PERIODO INTERRUZIONE	DATA FINE ATTIVITA'	
CH_PU1_S1	BARRETTE ESTENSIMETRICHE A C.V.	12/09/11	14/09/11			
CH_PU1_S2	BARRETTE ESTENSIMETRICHE A C.V.	12/09/11	14/09/11			
CH_PU1_S3	BARRETTE ESTENSIMETRICHE A C.V.	12/09/11	14/09/11			
CH_PU1_S4	BARRETTE ESTENSIMETRICHE A C.V.	12/09/11	14/09/11			
CH_PU2_S5	BARRETTE ESTENSIMETRICHE A C.V.	12/09/11	14/09/11			
CH_PU2_S6	BARRETTE ESTENSIMETRICHE A C.V.	12/09/11	14/09/11		15/10/12	Danneggiata. nessun valore
CH_PU2_S6_1	BARRETTE ESTENSIMETRICHE A C.V.	19/11/12	19/11/12			Sostituisce la CH_PU2_S6
CH_PU2_S7	BARRETTE ESTENSIMETRICHE A C.V.	12/09/11	14/09/11			
CH_PU2_S8	BARRETTE ESTENSIMETRICHE A C.V.	12/09/11	14/09/11			

Pannello strumentato

CH_P13



SCHEMA INSTALLAZIONE
STRUMENT. GEOTECNICA
(BECV PER METALLO)
PALO N°13



Le barrette con numero progressivi dispari (s1,s3,s5) sono installate lato contro terra, mentre quelle con numero pari (s2,s4,s6) sono poste lato scavo; la direzione di installazione è parallela all'asse di scavo.

Affidabilità strumentale

A.T.I. LM6 – TreEsse

buono
da rivedere
da scartare

X

Congruenza progettuale

C.T. ATI LM6 – C.T.
Monitoraggio

congruente
non congruente, da valutare
non congruente con implicazioni
sulla sicurezza

NOTE

Le elaborazioni di seguito riportate includono lo storico delle misure.

La barretta estensimetrica a c.v. CH_P13_S2 non è funzionante.



TABULATI

Ubicazione STAZIONE CHIAIA

Opera \ \ P13

Strumento Barretta Est. per Metallo

Data posa in opera 03/09/2009

Data lettura di zero 03/09/2009

Ultima Misura 197 in data 14/10/2014

Letture n°	DATA	CH_P13_S1		CH_P13_S3		CH_P13_S4		CH_P13_S5		CH_P13_S6	
		Micro strain [µε]	Temp. [°C]	Micro strain [µε]	Temp. [°C]	Micro strain [µε]	Temp. [°C]	Micro strain [µε]	Temp. [°C]	Micro strain [µε]	Temp. [°C]
145	18/7/13 10.00	-44,4	15,4	-166,7	15,1	28,4	19,2	-79,8	13,2	47,1	19,0
146	25/7/13 10.30	-38,7	15,2	-157,3	15,2	34,9	19,4	-89,5	13,4	52,3	19,1
147	1/8/13 12.30	-40,3	15,4	-167,9	15,0	32,8	17,9	-93,6	13,4	63,3	18,0
148	6/8/13 11.30	-46,0	15,6	-163,8	15,0	22,6	17,4	-100,5	13,5	60,0	17,4
149	29/8/13 11.00	-35,4	15,8	-169,5	15,2	16,1	17,2	-109,0	13,8	54,3	17,6
150	5/9/13 11.00	-38,3	15,9	-166,7	15,1	20,6	16,9	-119,2	14,3	45,0	17,5
151	12/9/13 10.00	-39,9	16,1	-169,5	15,2	14,9	17,1	-126,5	14,7	38,1	17,6
152	18/9/13 10.30	-35,4	15,8	-180,1	15,0	16,9	16,6	-117,1	14,8	43,8	17,4
153	25/9/13 10.30	-40,7	15,7	-188,2	15,0	-6,6	16,0	-102,9	14,3	20,2	16,8
154	9/10/13 10.00	-33,8	15,6	-191,0	15,1	-12,3	16,2	-109,4	14,1	25,9	16,6
155	14/10/13 10.00	-40,3	15,4	-197,9	15,2	-7,0	16,3	-112,3	14,2	31,6	16,4
156	25/10/13 11.00	-38,7	15,2	-200,4	15,0	-13,9	16,4	-105,8	14,4	17,0	16,2
157	29/10/13 11.30	-37,1	15,0	-194,7	14,8	-8,2	16,2	-98,5	14,0	26,7	16,0
158	7/11/13 11.00	-35,4	14,8	-190,2	14,5	-2,6	16,0	-88,7	13,8	24,3	15,8
159	12/11/13 10.00	-29,8	14,6	-181,7	14,2	3,1	15,8	-79,0	13,6	54,3	15,6
160	19/11/13 11.00	-30,6	14,2	-180,1	14,0	6,4	15,4	-77,3	13,4	55,9	15,4
161	3/12/13 12.00	-35,9	14,1	-178,5	13,8	-4,2	15,2	-89,1	13,1	45,4	15,2
162	10/12/13 11.00	-33,0	14,0	-172,8	13,6	1,5	15,0	-78,2	13,0	55,1	15,0
163	9/1/14 11.30	-27,3	13,8	-171,1	13,4	7,2	14,8	-72,5	12,8	60,8	14,8
164	13/1/14 10.30	-32,6	13,7	-181,7	13,2	0,7	14,6	-79,0	12,6	55,5	14,7
165	21/1/14 10.00	-44,4	13,4	-182,5	12,8	10,4	14,4	-93,6	12,4	46,2	14,6
166	4/2/14 11.00	-55,0	13,2	-199,6	12,4	12,0	14,2	-104,2	12,2	29,1	14,2
167	11/2/14 10.00	-40,3	13,4	-189,0	12,6	-6,7	14,0	-82,2	12,0	34,8	14,0
168	18/2/14 11.00	-42,0	13,6	-183,3	12,4	-0,1	14,2	-76,9	12,1	40,1	14,1
169	25/2/14 10.00	-39,1	13,5	-190,2	12,5	1,5	14,0	-74,1	12,0	42,9	14,0
170	4/3/14 10.00	-46,0	13,6	-193,9	12,2	9,6	14,0	-78,6	12,3	48,6	13,8
171	11/3/14 12.00	-44,4	13,4	-189,8	12,2	18,9	14,1	-76,9	12,1	57,9	13,9
172	18/3/14 11.00	-42,8	13,2	-196,3	12,0	21,8	14,0	-70,4	12,3	63,2	14,0
173	25/3/14 12.00	-49,3	13,0	-198,8	11,8	36,4	14,2	-73,3	12,4	51,4	13,7
174	3/4/14 11.00	-55,0	13,2	-203,3	12,1	29,5	14,3	-80,6	12,8	41,7	13,9
175	9/4/14 11.30	-66,3	13,6	-210,2	12,2	22,6	14,4	-85,1	13,1	36,0	14,1
176	18/4/14 10.30	-64,7	13,4	-220,7	12,0	37,2	14,6	-75,7	13,2	45,4	14,2
177	29/4/14 11.30	-70,4	13,6	-229,2	12,3	30,3	14,7	-81,4	13,4	51,0	14,0
178	8/5/14 11.00	-60,6	13,4	-232,1	12,4	25,0	14,6	-62,7	13,6	36,0	14,1
179	15/5/14 10.00	-59,0	13,2	-230,5	12,2	14,5	14,4	-56,2	13,8	29,1	14,2
180	20/5/14 11.00	-50,9	15,2	-176,4	14,3	2,7	16,1	-104,1	15,2	29,1	16,2
181	27/5/14 10.00	-85,8	15,0	-157,3	14,2	-13,5	16,1	-110,6	15,0	10,5	16,0
182	3/6/14 11.00	-107,7	15,2	-176,4	14,3	-19,2	16,3	-112,2	15,2	-5,8	16,0
183	10/6/14 11.00	-126,4	15,0	-139,0	14,7	-34,2	16,4	-134,2	15,4	-22,4	16,3
184	17/6/14 12.00	-128,5	15,5	-147,2	14,7	-49,3	16,5	-103,3	15,6	-18,4	16,3
185	24/6/14 11.00	-149,6	15,1	-168,3	14,3	-62,3	16,1	-120,4	15,2	-38,3	16,0
186	1/7/14 11.00	-164,6	15,2	-174,0	14,5	-57,0	16,2	-130,9	15,0	-44,0	16,2
187	8/7/14 10.00	-174,0	15,1	-168,3	14,3	-48,9	16,2	-136,2	14,9	-35,9	16,2
188	15/7/14 11.00	-180,9	15,2	-156,5	14,6	-42,4	16,4	-140,7	15,2	-25,3	16,4
189	24/7/14 11.00	-175,6	15,3	-161,8	14,5	-47,6	16,3	-137,8	15,1	-22,4	16,3
190	29/7/14 11.00	-182,5	15,4	-160,2	14,3	-57,4	16,5	-144,7	15,2	-24,1	16,5
191	19/8/14 11.00	-189,0	15,2	-167,1	14,4	-62,7	16,4	-150,0	15,1	-18,8	16,6
192	26/8/14 11.00	-183,7	15,3	-161,8	14,5	-69,6	16,5	-143,1	15,0	-17,2	16,4
193	2/9/14 14.00	-179,2	15,0	-158,9	14,4	-58,6	16,4	-141,5	14,8	-11,5	16,2
194	9/9/14 11.00	-180,9	15,2	-169,5	14,2	-69,2	16,2	-150,8	14,7	-14,3	16,3
195	16/9/14 11.00	-187,4	15,0	-180,1	14,0	-75,7	16,0	-158,6	14,4	-28,9	16,1
196	1/10/14 11.00	-180,1	14,6	-168,7	13,6	-68,4	15,6	-147,2	14,0	-26,9	15,6
197	14/10/14 11.00	-190,6	14,4	-179,3	13,4	-61,5	15,5	-154,1	14,1	-17,6	15,7



Ubicazione STAZIONE CHIAIA
Opera \ \ P13
Strumento Barretta Est. per Metallo
Data posa in opera 03/09/2009
Data lettura di zero 03/09/2009

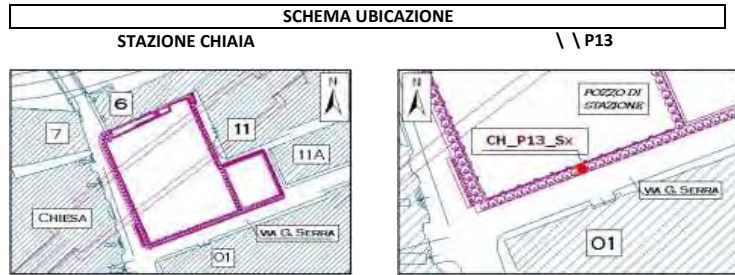


GRAFICO MICROSTRAIN

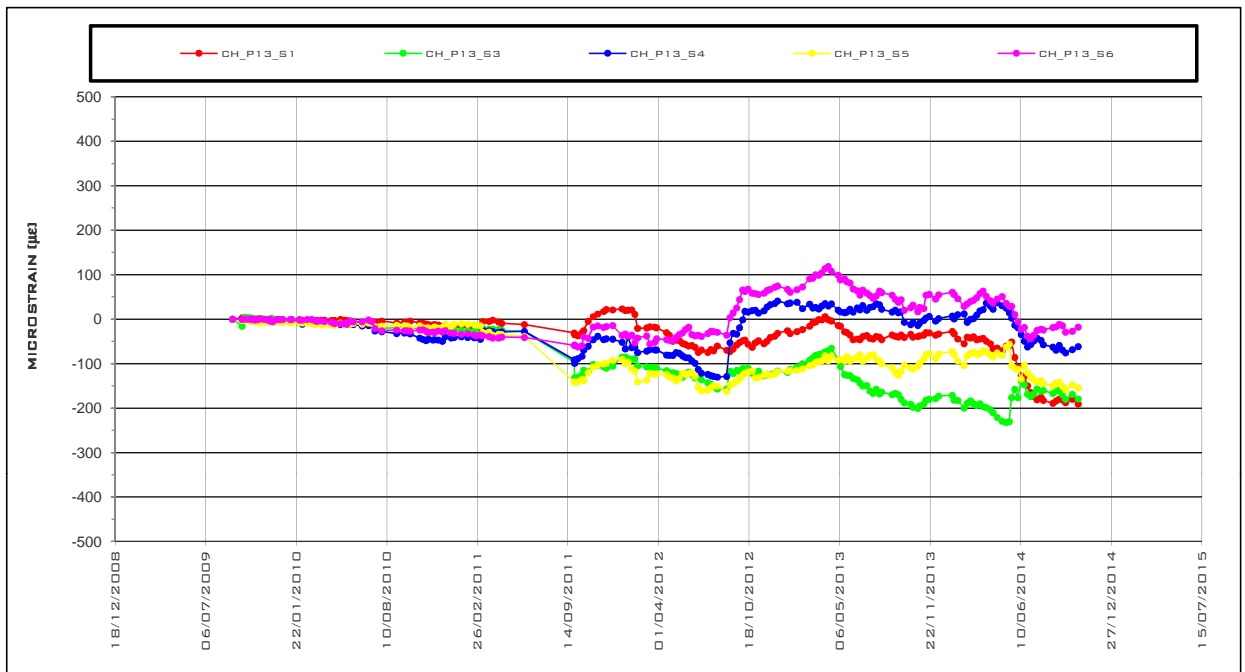
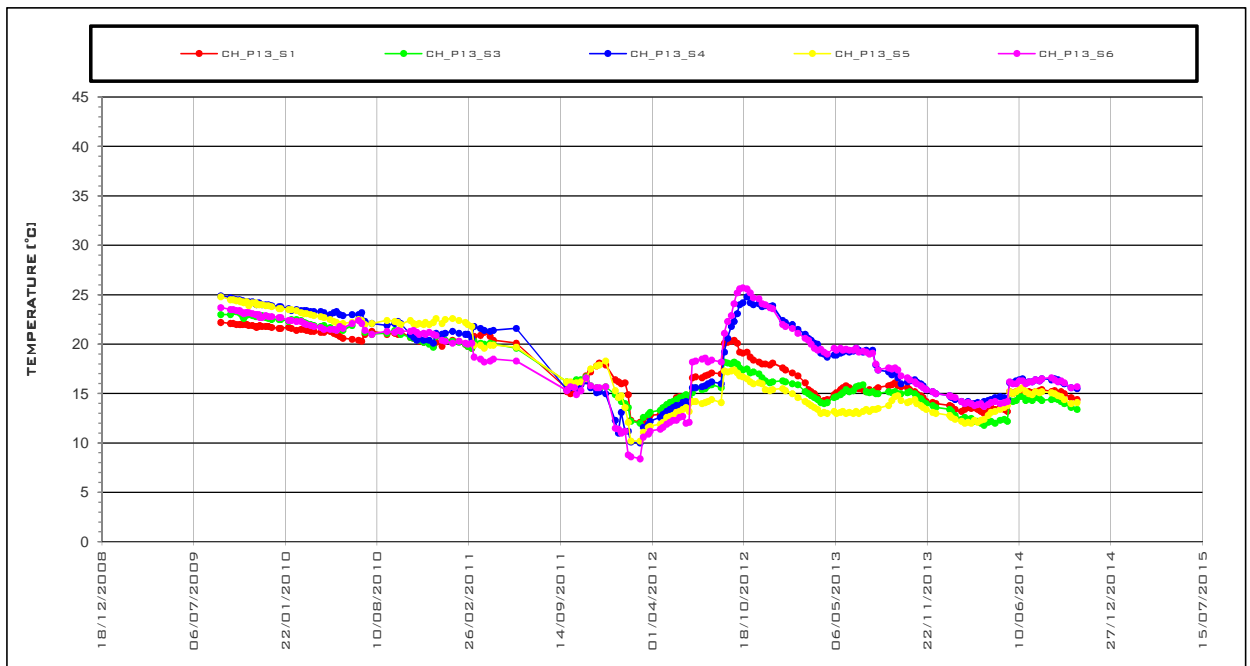
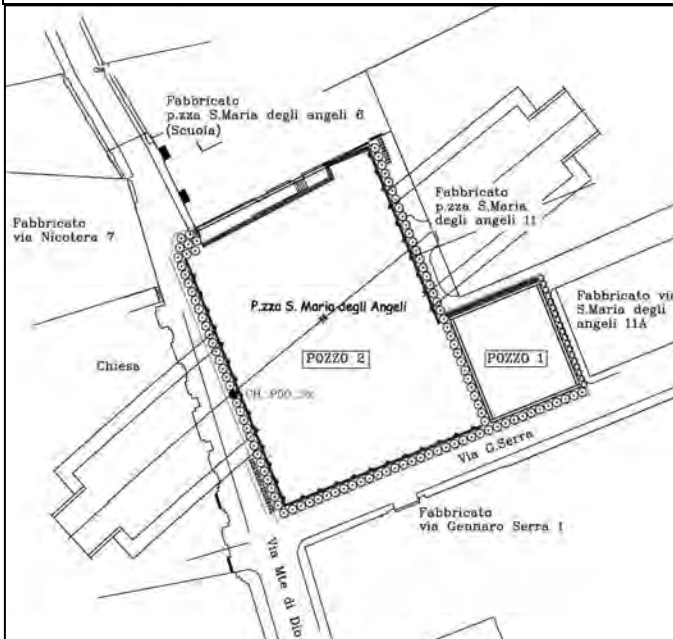


GRAFICO TEMPERATURE

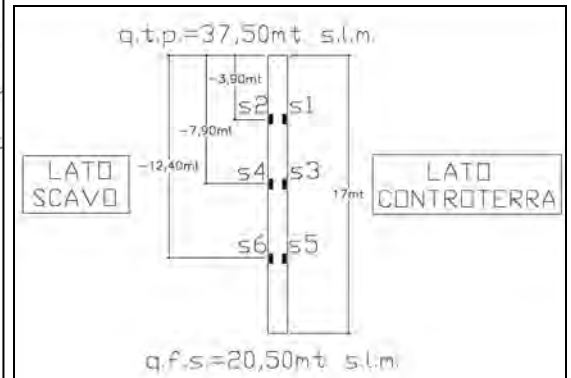


Pannello strumentato

CH_P50



SCHEMA INSTALLAZIONE
STRUMENT. GEOTECNICA (BECV
PER METALLO)
PALO N°50



Le barrette con numero progressivi dispari (s1,s3,s5) sono installate lato contro terra, mentre quelle con numero pari (s2,s4,s6) sono poste lato scavo; la direzione di installazione è parallela all'asse di scavo.

Affidabilità strumentale

A.T.I. LM6 – TreEsse

buono
da rivedere
da scartare

X

Congruenza progettuale
C.T. ATI LM6 – C.T.
Monitoraggio

congruente
non congruente, da valutare
non congruente con implicazioni
sulla sicurezza

NOTE

Le elaborazioni di seguito riportate includono lo storico delle misure.



TABULATI

Ubicazione STAZIONE CHIAIA

Opera \ \ P50

Strumento Barretta Est. per Metallo

Data posa in opera 03/09/2009

Data lettura di zero 03/09/2009

Ultima Misura 218 in data 14/10/2014

Letture n°	DATA	CH_P50_S1		CH_P50_S2		CH_P50_S3		CH_P50_S4		CH_P50_S5		CH_P50_S6	
		Micro strain [µε]	Temp. [°C]	Micro strain [µε]	Temp. [°C]	Micro strain [µε]	Temp. [°C]	Micro strain [µε]	Temp. [°C]	Micro strain [µε]	Temp. [°C]	Micro strain [µε]	Temp. [°C]
166	18/7/13 10.00	-54,1	15,0	-59,0	15,2	-63,1	13,4	-90,3	14,1	62,0	15,4	-13,1	14,2
167	25/7/13 10.45	-61,4	15,4	-61,8	15,3	-61,5	13,2	-74,5	14,4	46,2	15,1	-7,4	14,0
168	1/8/13 12.45	-67,9	15,2	-56,6	15,4	-68,4	13,3	-90,3	14,1	59,6	15,2	-18,4	14,1
169	6/8/13 11.45	-62,7	15,3	-54,9	15,2	-75,3	13,4	-87,5	14,0	61,2	15,0	-2,6	14,4
170	29/8/13 11.00	-67,1	15,6	-60,6	15,4	-81,0	13,6	-97,2	14,2	49,9	15,4	-11,1	14,7
171	5/9/13 11.30	-68,7	15,8	-67,5	15,5	-81,4	13,9	-87,5	14,0	45,4	15,7	-8,3	14,6
172	12/9/13 10.00	-73,2	16,1	-72,0	15,8	-87,1	14,1	-89,1	14,2	42,5	15,8	-17,2	14,2
173	18/9/13 10.30	-68,7	15,8	-61,4	16,0	-78,9	14,1	-95,6	14,0	32,0	15,6	-11,5	14,0
174	25/9/13 11.30	-59,0	15,6	-73,6	16,0	-80,2	14,0	-80,6	13,9	25,5	15,4	-24,5	14,6
175	9/10/13 10.30	-53,3	15,4	-68,3	16,1	-65,5	14,2	-90,7	13,4	31,2	15,2	-33,4	14,2
176	14/10/13 10.00	-51,7	15,2	-63,1	16,2	-59,0	14,4	-76,9	13,2	36,4	15,3	-31,8	14,0
177	25/10/13 11.00	-58,2	15,0	-69,6	16,0	-69,6	14,2	-62,3	13,4	28,3	15,3	-30,2	13,8
178	29/10/13 11.30	-52,5	14,8	-64,7	15,4	-63,9	14,0	-56,6	13,2	35,2	15,2	-24,5	13,6
179	7/11/13 11.30	-39,9	14,5	-54,9	15,2	-58,2	13,8	-50,9	13,0	34,4	14,8	-18,8	13,4
180	12/11/13 11.00	-35,5	14,2	-49,3	15,0	-56,6	13,6	-43,6	12,6	38,9	14,5	-17,2	13,2
181	19/11/13 11.00	-29,8	14,0	-47,6	14,8	-55,0	13,4	-42,0	12,4	39,3	14,2	-15,6	13,0
182	3/12/13 12.00	-35,5	14,2	-58,2	14,6	-61,5	13,2	-52,6	12,2	32,8	14,0	-22,5	13,1
183	10/12/13 11.30	-32,6	14,1	-48,5	14,4	-55,8	13,0	-42,8	12,0	42,5	13,8	-7,5	13,0
184	9/1/14 11.00	-29,8	14,0	-46,8	14,2	-50,1	12,8	-37,1	11,8	48,2	13,6	-5,8	12,8
185	13/1/14 10.30	-36,7	14,1	-49,3	14,0	-64,7	12,6	-51,8	11,6	38,9	13,5	-16,4	12,6
186	21/1/14 11.30	-41,1	14,4	-36,3	14,4	-75,3	12,4	-50,1	11,4	38,0	13,1	-27,0	12,4
187	4/2/14 11.30	-67,2	13,6	-61,5	14,0	-95,2	12,1	-78,2	11,1	15,7	12,6	-44,0	12,0
188	11/2/14 11.00	-61,5	13,4	-74,5	13,6	-100,5	12,0	-65,6	10,8	18,9	12,2	-22,9	12,4
189	18/2/14 11.00	-58,6	13,3	-72,8	13,4	-94,0	12,2	-64,0	10,6	25,4	12,4	-16,4	12,6
190	25/2/14 10.00	-68,0	13,2	-71,2	13,2	-87,5	12,4	-66,8	10,7	30,7	12,5	-29,8	12,5
191	4/3/14 10.00	-69,6	13,4	-67,2	13,2	-91,6	12,4	-74,5	10,4	31,1	12,2	-40,4	12,3
192	11/3/14 12.00	-59,0	13,6	-74,1	13,3	-85,9	12,2	-64,0	10,6	32,7	12,0	-38,8	12,1
193	18/3/14 12.00	-57,4	13,4	-68,8	13,4	-80,2	12,0	-62,3	10,4	38,0	12,1	-35,9	12,0
194	25/3/14 12.00	-68,0	13,2	-79,3	13,2	-83,0	12,1	-68,8	10,2	28,7	12,0	-29,4	12,2
195	3/4/14 11.00	-73,7	13,4	-85,0	13,4	-92,8	12,3	-76,2	10,6	21,4	12,4	-39,2	12,4
196	9/4/14 11.30	-91,5	13,6	-79,7	13,5	-97,2	12,6	-80,6	10,9	15,7	12,6	-48,9	12,6
197	18/4/14 11.00	-78,1	13,7	-76,9	13,4	-87,5	12,4	-85,1	11,2	10,0	12,8	-47,3	12,4
198	29/4/14 11.00	-89,1	13,8	-82,6	13,6	-97,2	12,6	-86,7	11,4	5,5	13,1	-57,0	12,6
199	8/5/14 11.00	-80,6	13,5	-75,3	13,2	-87,9	12,7	-76,1	11,6	12,4	13,0	-51,7	12,7
200	15/5/14 10.00	-77,7	13,4	-69,6	13,0	-82,6	12,8	-70,9	11,7	21,8	13,1	-46,5	12,8
201	20/5/14 11.00	-67,2	13,6	-60,7	13,4	-74,9	13,1	-76,5	11,9	9,2	13,4	-46,9	13,1
202	27/5/14 11.00	-70,0	13,7	-74,5	13,6	-84,2	13,0	-84,7	11,9	2,7	13,2	-35,9	13,0
203	3/6/14 11.00	-75,3	13,6	-81,0	13,4	-89,9	13,2	-93,6	11,5	-7,9	13,0	-30,6	13,1
204	10/6/14 11.00	-109,8	14,1	-103,3	13,9	-109,8	13,9	-117,2	11,9	-18,4	13,8	-58,6	13,8
205	17/6/14 11.00	-111,8	14,6	-104,1	14,5	-113,5	14,6	-120,4	12,3	-27,3	14,4	-71,2	14,1
206	24/6/14 11.00	-96,4	15,2	-119,5	14,9	-123,6	15,1	-133,4	12,9	-38,7	14,8	-85,4	14,6
207	1/7/14 11.00	-100,8	15,5	-122,8	15,3	-143,1	15,5	-140,7	13,3	-39,5	15,4	-86,2	15,2
208	8/7/14 10.00	-106,5	15,7	-134,6	15,0	-128,5	15,7	-140,3	13,0	-38,7	15,8	-84,6	15,0
209	15/7/14 11.00	-101,2	15,8	-133,7	15,4	-126,0	15,9	-129,7	13,2	-40,3	16,0	-79,3	15,1
210	24/7/14 11.00	-107,7	15,6	-139,4	15,6	-136,6	15,7	-140,3	13,0	-49,7	15,9	-82,2	15,2
211	29/7/14 10.30	-102,1	15,4	-152,0	14,9	-133,8	15,6	-132,2	13,0	-44,0	15,7	-85,0	15,3
212	19/8/14 10.00	-112,6	15,2	-162,6	14,7	-144,3	15,4	-139,1	13,1	-53,3	15,6	-82,2	15,2
213	26/8/14 10.00	-111,0	15,0	-167,9	14,6	-141,5	15,3	-133,8	13,2	-56,2	15,7	-80,5	15,0
214	2/9/14 14.00	-101,3	14,8	-158,1	14,4	-141,1	15,0	-144,4	13,0	-50,5	15,5	-74,9	14,8
215	9/9/14 11.00	-111,8	14,6	-164,6	14,2	-147,6	14,8	-140,3	13,0	-55,8	15,4	-81,4	14,6
216	16/9/14 11.00	-122,4	14,4	-171,1	14,0	-154,1	14,6	-146,8	12,8	-66,3	15,2	-94,4	14,2
217	1/10/14 11.00	-111,0	14,0	-163,8	13,6	-143,9	14,1	-137,1	12,6	-48,5	15,0	-84,6	14,0
218	14/10/14 11.00	-105,3	13,8	-150,4	13,7	-137,0	14,0	-138,7	12,8	-55,0	14,8	-90,3	14,2



Ubicazione STAZIONE CHIAIA
Opera \ \ P50
Strumento Barretta Est. per Metallo
Data posa in opera 03/09/2009
Data lettura di zero 03/09/2009

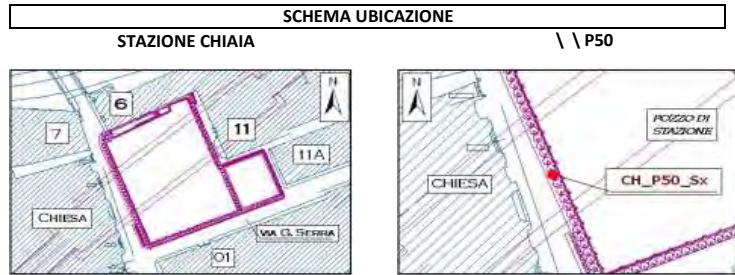


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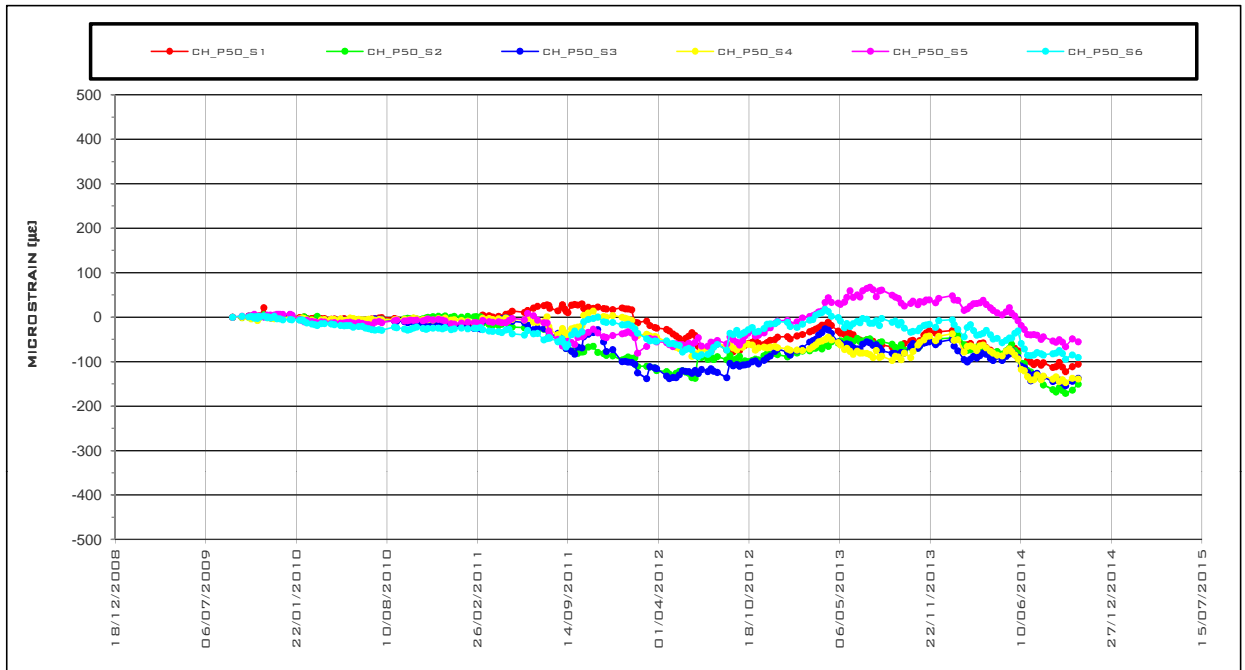
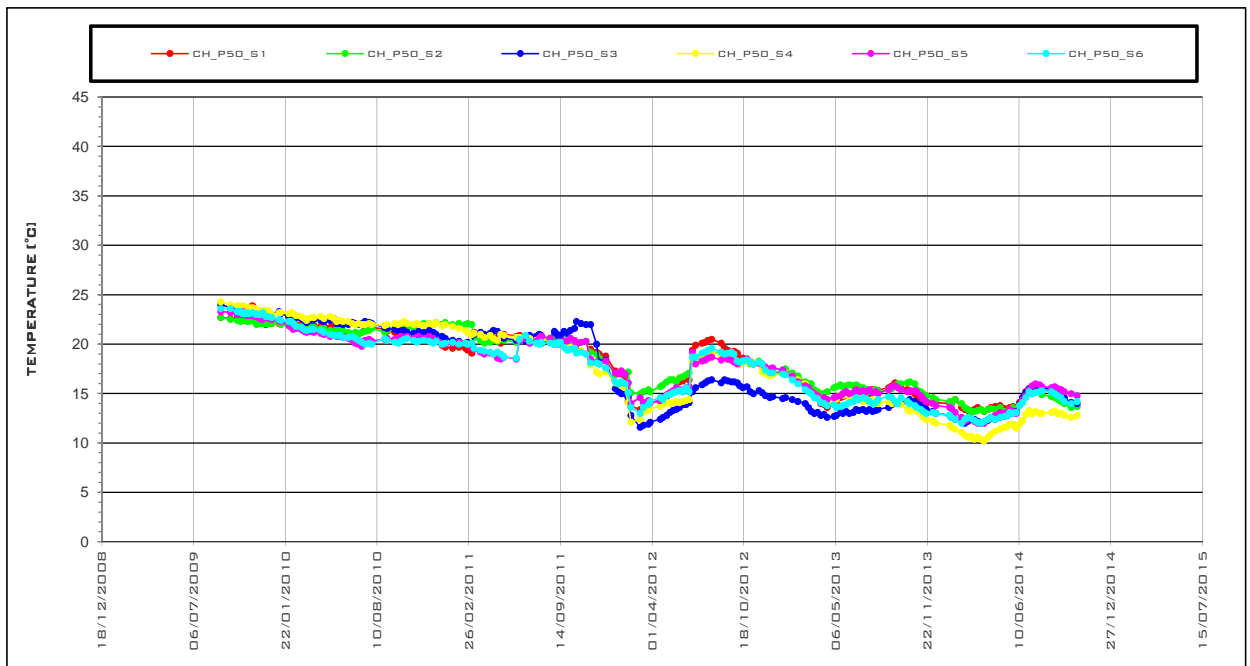
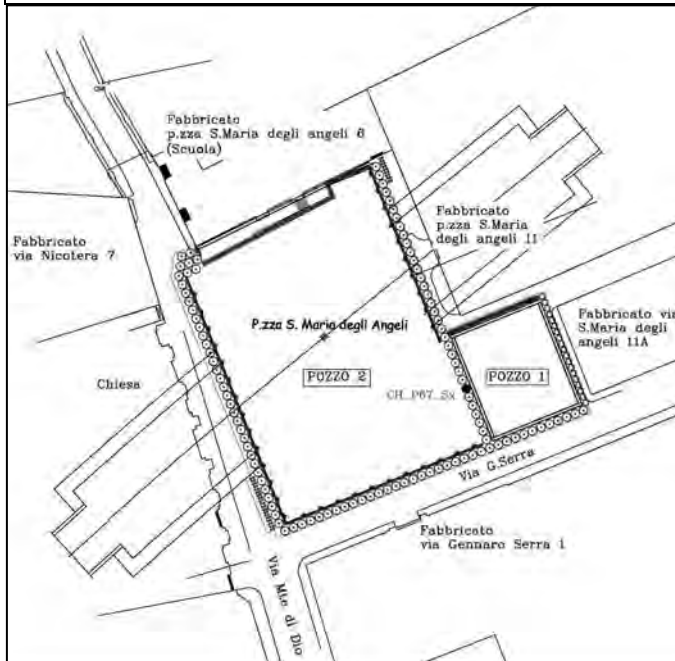


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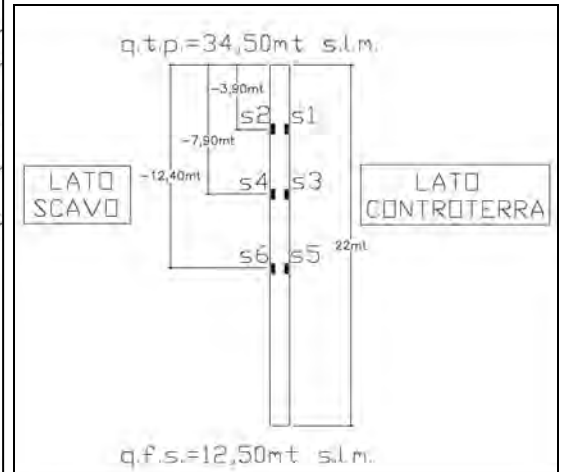


Pannello strumentato

CH_P67



**SCHEMA INSTALLAZIONE
STRUMENT. GEOTECNICA (BECV
PER METALLO)
PALO N°67**



Le barrette con numero progressivi dispari (s1,s3,s5) sono installate lato contro terra, mentre quelle con numero pari (s2,s4,s6) sono poste lato scavo; la direzione di installazione è parallela all'asse di scavo.

Affidabilità strumentale

A.T.I. LM6 – TreEsse

buono
da rivedere
da scartare

X

**Congruenza progettuale
C.T. ATI LM6 – C.T.
Monitoraggio**

congruente
non congruente, da valutare
non congruente con implicazioni
sulla sicurezza

NOTE

Le elaborazioni di seguito riportate includono lo storico delle misure.

La barretta estensimetrica a c.v. CH_P67_S1 restituisce valori discontinui dal 28/09/2011.



TABULATI

Ubicazione STAZIONE CHIAIA

Opera \ \ P67

Strumento Barretta Est. per Metallo

Data posa in opera 03/09/2009

Data lettura di zero 03/09/2009

Ultima Misura 222 in data 14/10/2014

Letture n°	DATA	CH_P67_S1		CH_P67_S2		CH_P67_S3		CH_P67_S4		CH_P67_S5		CH_P67_S6	
		Micro strain [µε]	Temp. [°C]	Micro strain [µε]	Temp. [°C]	Micro strain [µε]	Temp. [°C]	Micro strain [µε]	Temp. [°C]	Micro strain [µε]	Temp. [°C]	Micro strain [µε]	Temp. [°C]
170	18/7/13 10.00			-156,1	13,4	-90,8	14,0	-162,7	12,4	-33,8	16,0	-128,9	14,2
171	25/7/13 10.30			-157,8	13,6	-73,7	14,4	-152,1	12,6	-20,4	16,1	-143,5	14,0
172	1/8/13 12.30			-168,3	13,4	-85,5	14,1	-161,8	12,8	-25,7	16,0	-142,3	14,1
173	6/8/13 11.30			-161,8	13,6	-94,0	14,4	-170,4	13,1	-21,3	15,7	-149,2	14,2
174	29/8/13 11.00			-171,6	13,8	-99,7	14,6	-173,2	13,2	-26,9	15,9	-146,8	14,4
175	5/9/13 11.30			-178,5	13,9	-101,3	14,8	-167,9	13,3	-39,1	15,9	-140,3	14,6
176	12/9/13 10.00			-184,2	14,1	-112,3	14,9	-175,2	13,7	-47,7	16,2	-141,9	14,8
177	18/9/13 10.30			-196,0	13,8	-118,0	15,1	-180,5	13,6	-53,3	16,4	-136,6	14,9
178	25/9/13 11.00			-191,9	13,8	-113,5	14,8	-183,4	13,7	-52,1	16,5	-147,6	15,0
179	9/10/13 11.00			-178,9	13,2	-104,6	14,2	-174,4	13,1	-35,1	15,9	-130,9	14,7
180	14/10/13 10.00			-189,5	13,0	-99,3	14,3	-165,1	13,2	-28,6	16,1	-125,7	14,8
181	25/10/13 11.00			-184,2	13,1	-103,3	14,3	-159,8	13,3	-17,6	16,0	-124,0	14,6
182	29/10/13 11.30			-181,3	13,0	-97,7	14,1	-155,3	13,0	-16,0	15,8	-122,4	14,4
183	7/11/13 11.00			-167,5	12,8	-90,8	14,0	-149,7	12,8	-14,4	15,6	-120,8	14,2
184	12/11/13 11.30			-161,8	12,6	-85,1	13,8	-148,0	12,6	-11,1	15,2	-113,9	14,1
185	19/11/13 11.00			-159,0	12,5	-75,3	13,6	-146,4	12,4	-9,5	15,0	-111,1	14,0
186	3/12/13 12.00			-166,7	12,2	-81,8	13,4	-152,9	12,2	-24,1	14,8	-105,8	14,1
187	10/12/13 11.45			-161,0	12,0	-79,0	13,3	-147,2	12,0	-17,2	14,7	-108,2	13,9
188	9/1/14 11.00			-150,5	12,2	-72,1	13,2	-145,6	11,8	-10,3	14,6	-98,5	13,7
189	13/1/14 11.30			-160,2	12,4	-78,6	13,0	-155,0	11,7	-16,8	14,4	-107,8	13,6
190	21/1/14 11.00			-153,7	12,6	-69,2	13,1	-140,3	11,9	-23,3	14,2	-106,2	13,4
191	4/2/14 11.30			-164,3	12,4	-81,0	12,8	-152,1	11,6	-42,0	14,0	-122,0	13,1
192	11/2/14 11.00			-170,0	12,6	-78,2	12,7	-146,4	11,4	-31,4	14,2	-115,1	13,0
193	18/2/14 11.00			-168,3	12,4	-75,3	12,6	-152,9	11,2	-29,8	14,0	-118,0	13,1
194	25/2/14 10.00			-162,7	12,2	-73,7	12,4	-155,8	11,3	-35,5	14,2	-102,9	13,0
195	4/3/14 10.00			-173,6	12,3	-80,6	12,5	-158,6	11,4	-33,9	14,0	-96,4	13,2
196	11/3/14 12.00			-168,3	12,4	-79,0	12,3	-149,3	11,5	-28,6	14,1	-93,6	13,1
197	18/3/14 11.45			-162,7	12,2	-85,9	12,4	-144,0	11,6	-32,7	14,1	-86,7	13,0
198	25/3/14 12.00			-169,2	12,0	-80,2	12,2	-138,7	11,7	-25,8	14,0	-93,2	12,8
199	3/4/14 11.00			-174,9	12,2	-85,9	12,4	-144,4	11,9	-39,6	14,2	-97,7	13,1
200	9/4/14 11.30			-184,6	12,4	-90,4	12,7	-148,9	12,2	-45,2	14,4	-104,6	13,2
201	18/4/14 11.00			-178,9	12,2	-83,5	12,6	-151,7	12,3	-35,5	14,2	-99,3	13,3
202	29/4/14 11.00			-201,7	12,0	-77,8	12,4	-157,0	12,2	-33,9	14,0	-98,9	13,0
203	8/5/14 11.30			-206,1	12,3	-88,3	12,2	-171,6	12,0	-20,1	13,8	-105,8	13,1
204	15/5/14 11.00			-203,3	12,2	-86,7	12,0	-165,1	12,2	-27,0	13,9	-102,9	13,0
205	20/5/14 11.00			-210,6	12,6	-61,5	12,4	-144,0	12,6	-40,8	14,1	-76,5	13,5
206	27/5/14 11.00			-205,3	12,7	-76,6	12,5	-150,9	12,7	-37,9	14,0	-76,1	13,2
207	3/6/14 11.00			-216,3	12,8	-83,5	12,6	-160,6	12,9	-39,6	14,2	-86,7	13,0
208	10/6/14 11.00			-235,8	13,2	-108,2	12,9	-188,2	13,3	-64,7	14,8	-94,0	13,4
209	17/6/14 11.00			-237,8	13,7	-96,4	14,2	-190,3	13,8	-68,0	15,2	-96,0	13,9
210	24/6/14 11.00			-254,0	13,7	-118,0	14,1	-194,7	14,1	-84,2	15,2	-103,3	14,3
211	1/7/14 11.00			-267,8	13,9	-128,9	14,2	-205,7	14,2	-94,8	15,0	-109,0	14,5
212	8/7/14 10.00			-262,2	13,7	-131,8	14,3	-201,6	14,2	-101,7	15,1	-114,3	14,4
213	15/7/14 11.00			-271,9	13,9	-142,7	14,4	-191,1	14,4	-104,5	15,2	-103,7	14,6
214	24/7/14 11.00			-277,2	13,8	-141,1	14,2	-200,4	14,3	-98,9	15,0	-102,1	14,4
215	29/7/14 10.30			-271,5	13,6	-135,4	14,0	-207,3	14,4	-97,6	15,1	-96,4	14,2
216	19/8/14 10.30			-280,9	13,5	-134,2	14,1	-205,7	14,2	-107,0	15,0	-102,9	14,0
217	26/8/14 10.30			-278,0	13,4	-137,1	14,2	-200,4	14,3	-92,4	15,2	-92,4	14,2
218	2/9/14 14.00			-268,3	13,2	-139,9	14,3	-191,1	14,4	-86,7	15,0	-98,9	14,0
219	9/9/14 11.00			-278,8	13,0	-139,5	14,0	-203,3	14,4	-102,9	14,0	-101,7	14,1
220	16/9/14 11.00			-289,4	12,8	-148,8	13,9	-212,2	14,0	-117,6	13,8	-111,1	14,0
221	1/10/14 11.00			-283,7	12,6	-140,3	13,6	-209,0	13,6	-96,8	13,5	-99,7	13,6
222	14/10/14 11.00			-286,5	12,7	-143,2	13,7	-202,0	13,5	-91,6	13,6	-90,3	13,7



Ubicazione STAZIONE CHIAIA
Opera \ \ P67
Strumento Barretta Est. per Metallo
Data posa in opera 03/09/2009
Data lettura di zero 03/09/2009

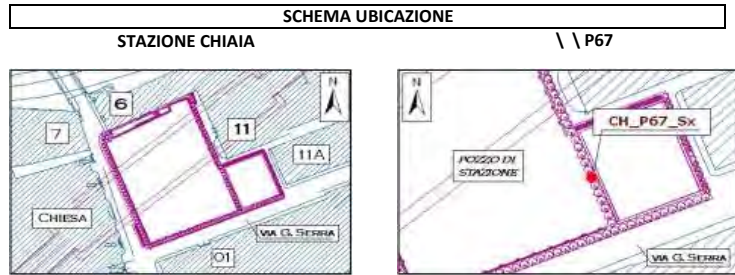


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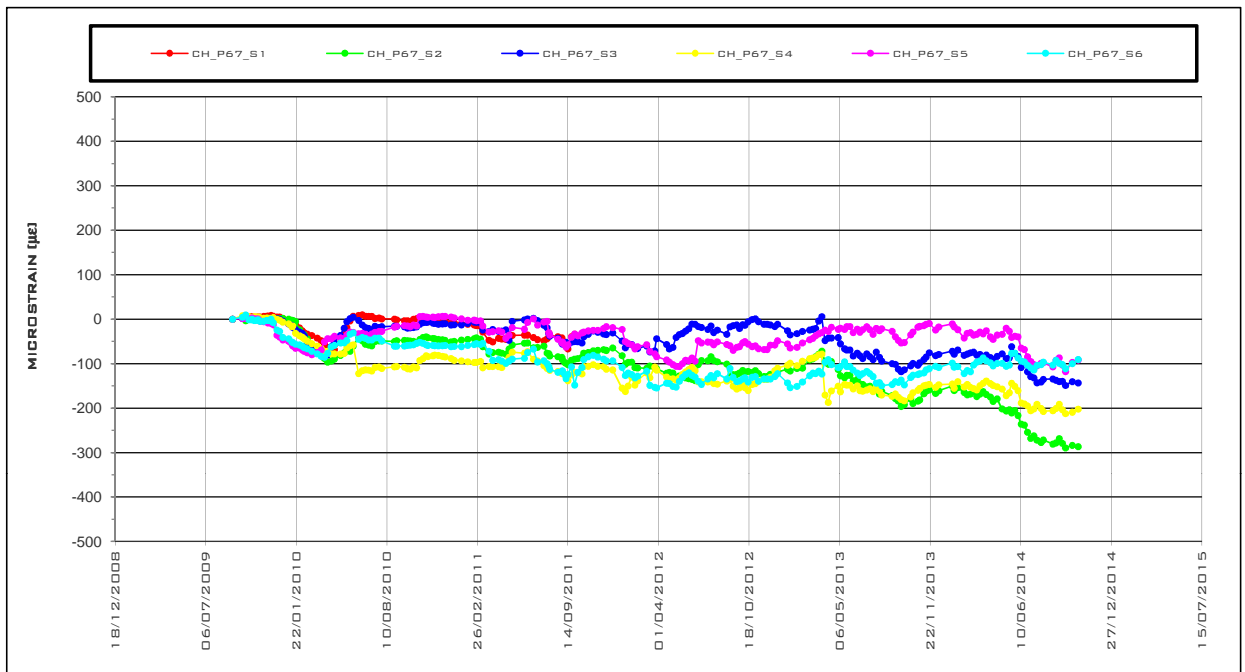
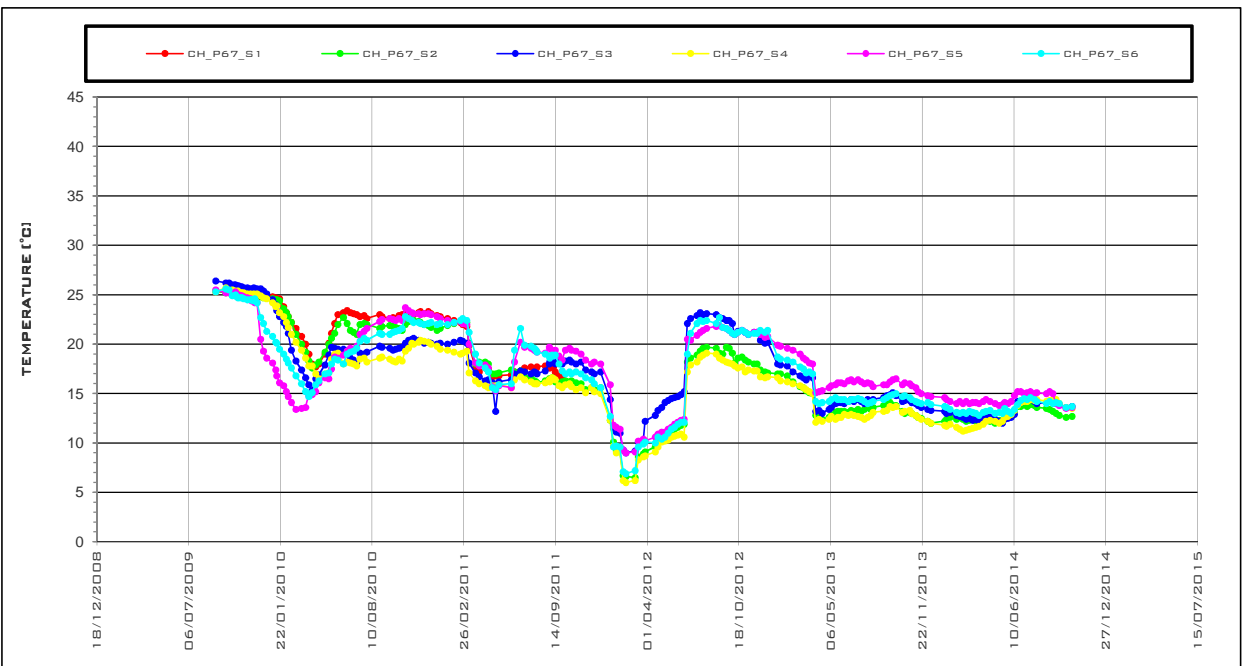
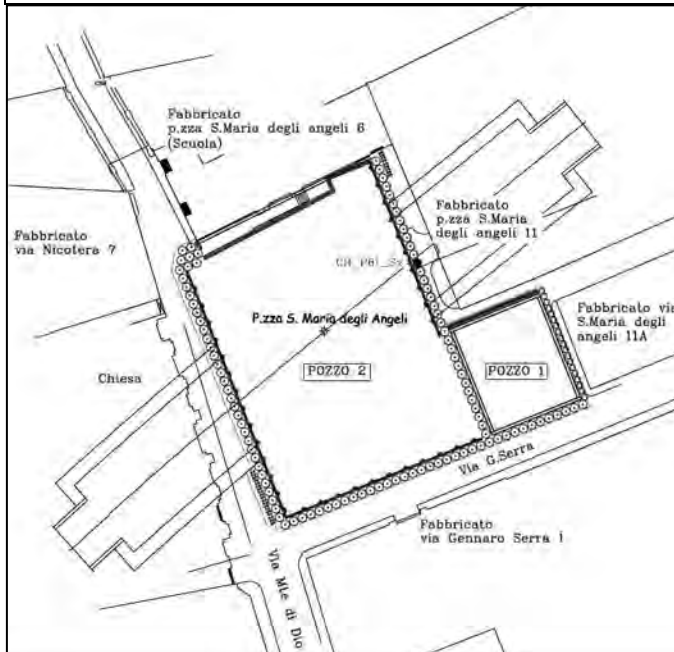


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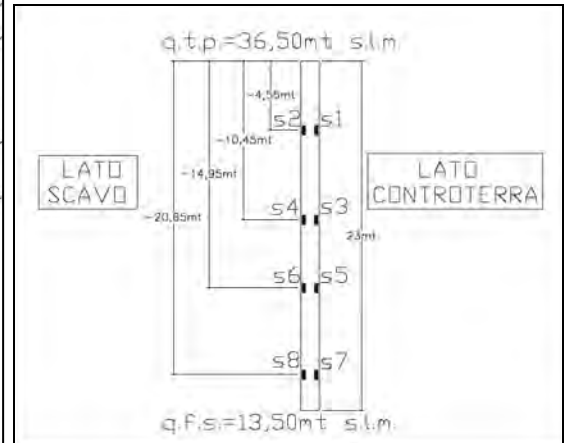


Pannello strumentato

CH_P81



SCHEMA INSTALLAZIONE
STRUMENT. GEOTECNICA (BECV
PER METALLO)
PALO N°81



Le barrette con numero progressivi dispari (s1,s3,s5,s7) sono installate lato contro terra, mentre quelle con numero pari (s2,s4,s6,s8) sono poste lato scavo; la direzione di installazione è parallela all'asse di scavo.

Affidabilità strumentale

A.T.I. LM6 – TreEsse

buono
da rivedere

da scartare

X

Congruenza progettuale

C.T. ATI LM6 – C.T.

Monitoraggio

congruente
non congruente, da valutare
non congruente con implicazioni
sulla sicurezza

NOTE

La barretta estensimetrica a c.v. CH_P81_S7 non è funzionante.

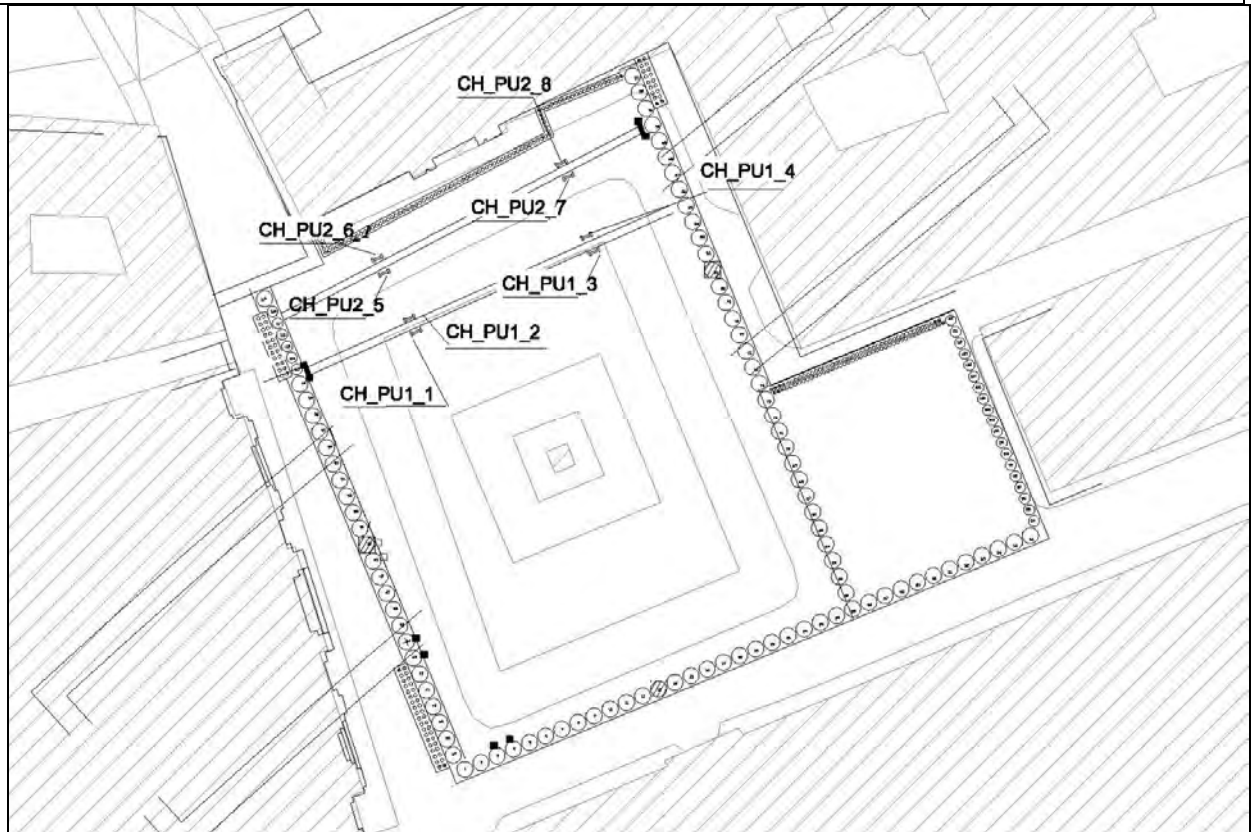
La barretta estensimetrica a c.v. CH_P81_S4 dalla data 25/03/10 non restituisce segnale

Le restanti barrette estensimetriche restituiscono valore discontinuo dal 20/04/2011

L'ultima misura disponibile è riportata nel report APR 2011 con codifica: LM6 7FX 2C I 00

Puntoni strumentati

CH_PU1 CH_PU2



Affidabilità strumentale

A.T.I. LM6 – TreEsse

buono
da rivedere
da scartare

X

Congruenza progettuale

C.T. ATI LM6 – C.T.
Monitoraggio

congruente
non congruente, da valutare
non congruente con implicazioni
sulla sicurezza

NOTE

La Barretta estensimetrica CH_PU2_6 risulta danneggiata e non restituisce valore.

La Barretta estensimetrica CH_PU2_6_1 sostituisce la CH_PU2_6_1



TABULATI

Ubicazione STAZIONE CHIAIA

Opera \ \ Puntone 1

Strumento Barretta Est. per Metallo

Data posa in opera 14/09/2011

Data lettura di zero 14/09/2011

Ultima Misura 132 in data 14/10/2014

Letture n°	DATA	CH_PU1_S1		CH_PU1_S2		CH_PU1_S3		CH_PU1_S4	
		Micro strain [µε]	Temp. [°C]	Micro strain [µε]	Temp. [°C]	Micro strain [µε]	Temp. [°C]	Micro strain [µε]	Temp. [°C]
79	11/7/13 11.00	-47,5	20,6	-76,7	20,0	-70,2	20,4	-77,6	17,6
80	18/7/13 10.00	-49,1	20,8	-67,4	20,1	-76,7	20,2	-83,3	17,8
81	25/7/13 10.50	-15,3	24,9	-35,3	23,4	-66,1	22,4	-55,2	19,1
82	1/8/13 12.45	5,8	27,3	-8,8	26,9	54,6	28,3	24,9	26,0
83	6/8/13 11.45	16,0	28,8	-1,1	28,2	70,0	28,9	41,2	28,0
84	29/8/13 11.00	9,1	28,9	-6,8	28,4	45,2	28,2	47,7	28,2
85	5/9/13 11.00	16,0	30,8	-0,2	30,6	63,2	31,0	56,2	30,9
86	12/9/13 11.30	1,0	28,9	4,6	29,0	47,3	28,7	42,0	28,4
87	18/9/13 11.00	3,8	26,8	1,8	27,1	39,9	27,1	61,9	26,7
88	25/9/13 10.00	-30,4	24,0	-32,0	24,0	29,3	23,9	46,8	23,8
89	9/10/13 11.00	-37,3	23,1	-38,9	22,1	31,8	23,1	51,7	22,2
90	14/10/13 11.30	-30,4	23,0	-39,3	22,4	38,7	23,0	53,3	22,0
91	25/10/13 11.00	-19,0	22,6	-19,8	22,0	43,5	22,4	68,7	21,6
92	29/10/13 11.30	-33,2	22,1	-18,2	21,8	50,8	22,0	72,0	21,2
93	7/11/13 11.00	-46,2	21,7	-17,8	21,5	58,1	21,6	74,0	20,7
94	12/11/13 11.30	-43,0	21,3	-14,6	21,1	57,3	21,2	78,4	20,4
95	19/11/13 11.00	-42,6	21,0	-11,7	21,0	58,9	21,0	91,0	20,1
96	5/12/13 14.00	-30,8	20,3	-4,4	20,6	71,9	20,4	101,2	19,6
97	10/12/13 12.30	-26,4	20,0	2,9	20,2	80,9	19,8	108,5	19,2
98	9/1/14 12.30	-41,4	18,1	13,4	19,4	92,6	19,1	123,1	18,4
99	13/1/14 12.00	-53,2	17,8	0,4	19,0	83,3	19,0	100,3	18,2
100	21/1/14 11.30	-72,7	15,2	-124,3	15,1	-6,5	17,3	4,0	16,3
101	4/2/14 11.00	-77,2	14,5	-130,0	14,3	-68,7	15,2	-52,8	15,3
102	11/2/14 11.30	-79,3	14,0	-126,8	13,9	-69,5	14,8	-89,4	14,3
103	18/2/14 11.00	-87,0	13,7	-126,4	13,6	-72,8	14,2	-89,0	14,0
104	25/2/14 10.00	-94,7	13,4	-124,8	13,4	-85,4	13,5	-91,4	13,8
105	4/3/14 10.00	-93,1	13,2	-117,0	13,7	-76,0	13,6	-78,4	14,2
106	11/3/14 12.00	-86,6	13,4	-123,9	13,8	-70,7	13,7	-76,8	14,0
107	18/3/14 11.30	-89,4	13,5	-122,3	13,6	-67,9	13,6	-75,2	13,8
108	25/3/14 12.00	-93,5	13,5	-125,2	13,7	-74,8	13,7	-73,6	13,6
109	3/4/14 11.00	-95,1	13,7	-126,8	13,9	-80,5	13,9	-82,1	13,9
110	9/4/14 12.00	-108,9	13,9	-131,2	14,2	-86,2	14,1	-90,6	14,2
111	18/4/14 11.00	-102,4	14,1	-126,0	14,3	-72,8	14,2	-97,1	14,0
112	29/4/14 11.30	-99,6	14,0	-120,7	14,4	-82,5	14,4	-95,9	14,1
113	8/5/14 11.00	-105,3	14,2	-134,5	14,6	-76,0	14,6	-85,3	14,3
114	15/5/14 10.00	-99,6	14,0	-132,9	14,4	-76,8	14,2	-79,7	14,1
115	20/5/14 11.00	-59,3	16,3	-118,2	16,6	-81,7	16,8	-93,4	16,3
116	27/5/14 11.00	-64,2	16,9	-110,5	16,9	-79,6	17,3	-94,2	16,9
117	3/6/14 11.00	-67,4	17,3	-110,9	17,2	-80,4	17,9	-95,0	17,5
118	10/6/14 11.00	-72,3	17,9	-118,6	17,9	-67,4	18,3	-110,5	17,9
119	16/6/14 11.00	-31,3	18,6	-96,3	18,4	-53,6	19,1	-73,5	18,6
120	24/6/14 11.00	-31,7	18,9	-99,5	18,8	-60,9	19,5	-80,0	19,4
121	1/7/14 10.00	-40,6	19,5	-104,4	19,4	-72,3	19,9	-82,0	19,9
122	8/7/14 10.30	-1,9	26,0	-47,8	25,7	-19,8	26,2	-32,4	26,3
123	15/7/14 11.30	3,4	26,1	-53,5	25,9	-29,5	26,4	-40,9	26,6
124	24/7/14 11.30	-1,9	26,0	-56,3	26,0	-23,8	26,2	-47,8	26,7
125	29/7/14 11.30	-0,3	26,8	-62,0	27,2	-21,0	27,1	-52,7	27,3
126	19/8/14 11.00	3,0	26,4	-56,3	27,0	-20,6	26,8	-50,6	26,8
127	26/8/14 11.00	6,2	26,0	-45,0	26,6	-11,7	26,2	-45,8	26,2
128	2/9/14 14.00	16,0	25,8	-35,2	26,4	-4,4	25,8	-38,5	25,8
129	9/9/14 11.00	5,4	25,6	-47,0	26,1	-19,0	25,6	-49,0	25,6
130	16/9/14 12.00	5,8	25,3	-64,5	25,0	-30,8	25,3	-59,6	25,4
131	1/10/14 12.00	6,2	25,0	-61,2	24,6	-20,6	24,8	-51,1	25,1
132	14/10/14 12.00	-7,6	24,2	-49,0	24,6	-11,7	24,2	-47,4	24,4



Ubicazione STAZIONE CHIAIA
Opera \ \ Puntone 1
Strumento Barretta Est. per Metallo
Data posa in opera 14/09/2011
Data lettura di zero 14/09/2011

SCHEMA UBICAZIONE

STAZIONE CHIAIA

\ \ Puntone 1

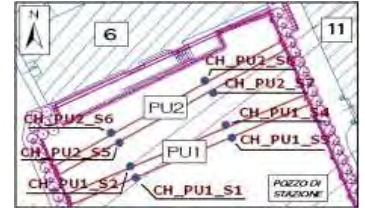
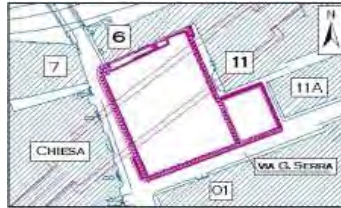


GRAFICO MICROSTRAIN

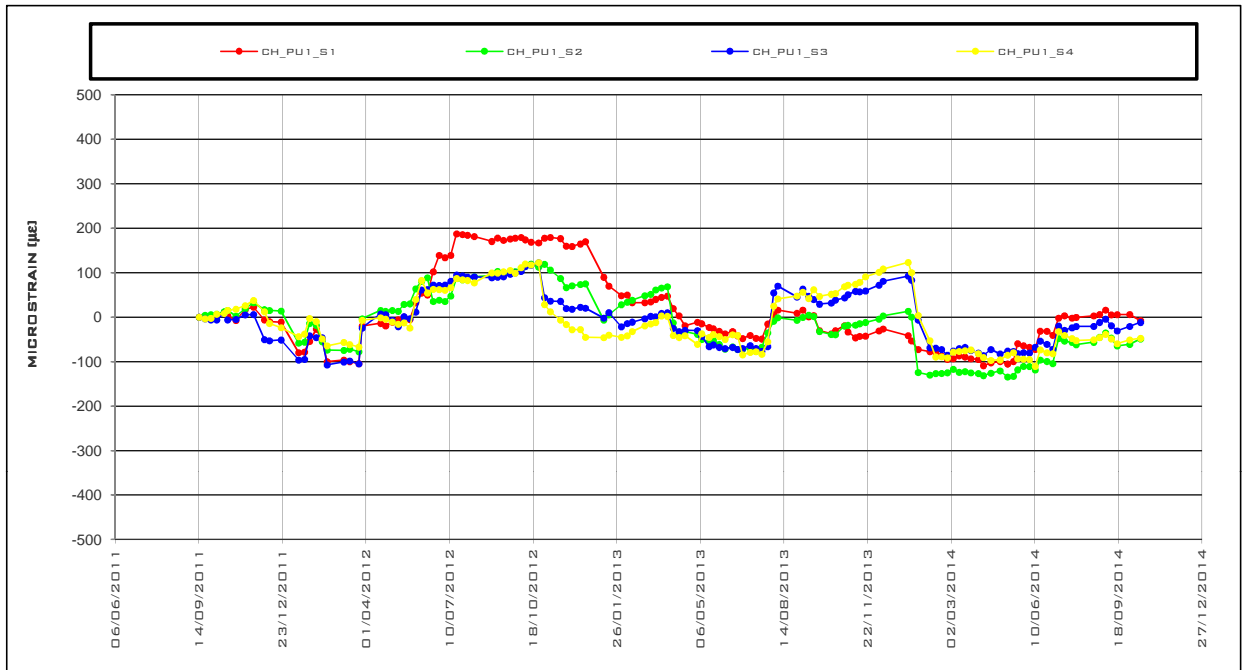
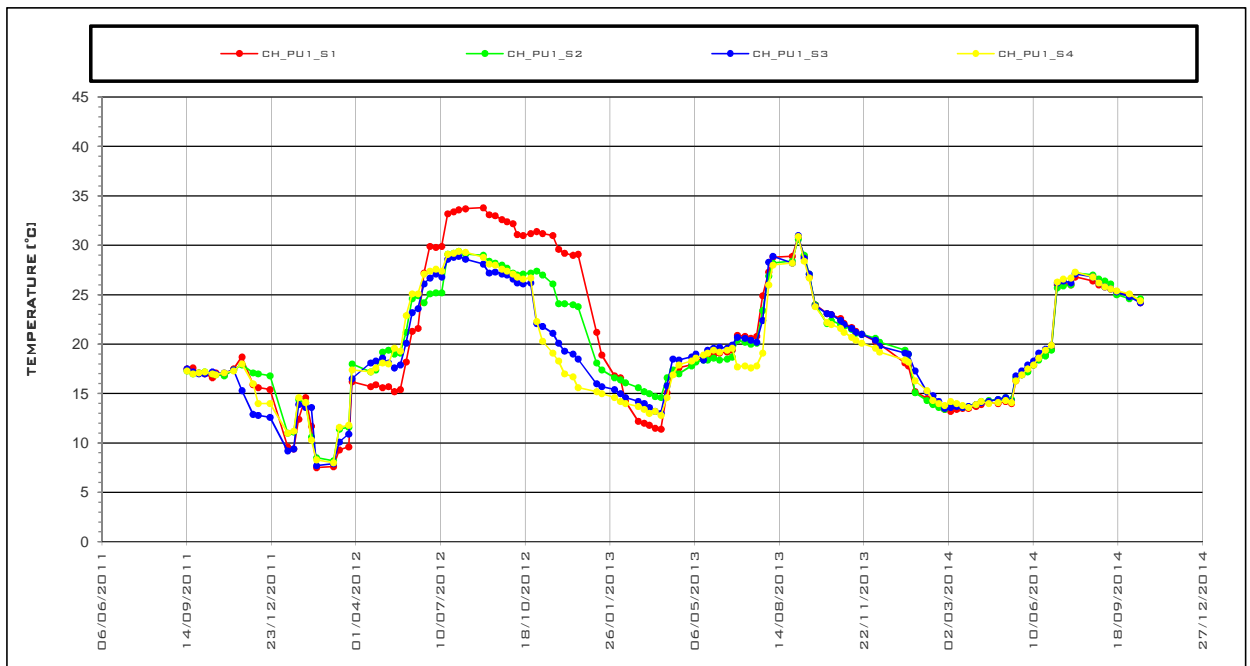


GRAFICO TEMPERATURE





TABULATI

Ubicazione STAZIONE CHIAIA

Opera \ \ Puntone 2

Strumento Barretta Est. per Metallo

Data posa in opera 14/09/2011

Data lettura di zero 14/09/2011

Ultima Misura 132 in data 14/10/2014

Letture n°	DATA	CH_PU2_S5		CH_PU2_S6		CH_PU2_S6.1		CH_PU2_S7		CH_PU2_S8	
		Micro strain [µε]	Temp. [°C]	Micro strain [µε]	Temp. [°C]	Micro strain [µε]	Temp. [°C]	Micro strain [µε]	Temp. [°C]	Micro strain [µε]	Temp. [°C]
80	18/7/13 10.00	-146,6	20,4			-61,7	20,2	-101,9	19,5	-54,4	20,1
81	25/7/13 10.50	-120,6	23,2			-2,4	24,4	-107,2	20,4	-4,4	23,2
82	1/8/13 12.45	-65,3	27,4			18,8	26,8	-46,6	25,7	57,0	27,9
83	6/8/13 11.45	-55,1	28,9			56,6	28,9	-19,4	28,6	55,8	28,8
84	29/8/13 11.00	-67,3	28,9			26,6	29,1	-17,7	28,4	45,2	28,6
85	5/9/13 11.00	-54,2	31,3			36,7	31,6	-15,2	31,6	72,1	31,8
86	12/9/13 11.30	-74,2	29,0			13,5	28,7	-36,4	28,2	41,2	28,6
87	18/9/13 11.00	-89,2	27,1			11,5	26,2	-42,9	26,0	39,5	26,8
88	25/9/13 10.00	-109,2	23,8			9,8	23,4	-72,6	22,9	38,3	23,7
89	9/10/13 11.00	-88,9	22,8			13,9	22,4	-66,6	21,4	41,1	22,6
90	14/10/13 11.30	-89,7	22,4			15,5	22,2	-56,0	21,6	54,5	22,7
91	25/10/13 11.00	-86,5	22,0			25,2	22,0	-52,8	21,2	69,5	22,6
92	29/10/13 11.30	-80,8	21,8			30,9	21,8	-47,1	21,0	75,2	22,4
93	7/11/13 11.00	-76,3	21,5			35,4	21,5	-42,6	20,7	82,5	22,0
94	12/11/13 11.30	-66,2	21,0			42,7	21,1	-35,3	20,3	89,8	21,6
95	19/11/13 11.00	-76,7	20,8			45,5	21,0	-34,9	20,0	91,4	21,4
96	5/12/13 14.00	-75,9	20,2			56,1	20,2	-17,9	19,4	112,6	20,8
97	10/12/13 12.30	-69,8	19,7			65,0	19,6	-10,6	19,0	130,8	20,3
98	9/1/14 12.30	-52,8	19,1			84,9	18,9	8,1	18,2	148,7	19,1
99	13/1/14 12.00	-68,6	18,8			74,3	18,7	-2,4	18,0	135,7	18,7
100	21/1/14 11.30	-93,5	16,1			7,7	16,9	-71,9	16,3	30,4	16,4
101	4/2/14 11.00	-90,6	16,0			-57,7	15,2	-133,3	14,6	-37,0	15,2
102	11/2/14 11.30	-93,5	16,1			-78,5	14,5	-126,4	14,5	-86,2	14,5
103	18/2/14 11.00	-97,5	16,1			-89,8	13,9	-138,2	14,2	-61,4	14,2
104	25/2/14 10.00	-90,6	16,0			-104,1	13,4	-132,5	14,0	-56,1	14,3
105	4/3/14 10.00	-100,4	16,2			-100,8	13,0	-143,0	13,8	-65,5	14,2
106	11/3/14 12.00	-103,6	15,6			-102,9	12,5	-139,0	13,8	-70,7	14,1
107	18/3/14 11.30	-90,6	16,0			-121,1	12,0	-137,4	13,6	-76,0	14,0
108	25/3/14 12.00	-102,0	15,4			-122,0	11,6	-147,9	13,4	-83,7	13,7
109	3/4/14 11.00	-86,1	15,7			-133,3	12,0	-153,6	13,6	-92,3	14,0
110	9/4/14 12.00	-84,9	15,8			-140,6	12,4	-162,1	13,9	-106,1	14,2
111	18/4/14 11.00	-79,2	15,6			-151,2	12,2	-152,4	13,7	-111,4	14,1
112	29/4/14 11.30	-89,8	15,4			-155,7	12,5	-144,7	14,0	-121,1	14,3
113	8/5/14 11.00	-107,7	15,6			-167,0	12,9	-157,3	14,3	-126,8	14,5
114	15/5/14 10.00	-94,3	15,7			-160,5	13,1	-170,7	14,2	-121,1	14,3
115	20/5/14 11.00	-120,7	17,2			-44,7	15,6	-132,0	16,7	-58,1	16,8
116	27/5/14 11.00	-120,2	17,9			-41,5	16,2	-128,8	17,3	-57,7	17,5
117	3/6/14 11.00	-111,3	18,3			-41,1	16,9	-141,8	17,9	-62,6	18,1
118	10/6/14 11.00	-121,4	18,8			-47,1	17,4	-134,4	18,5	-58,1	18,8
119	16/6/14 11.00	-101,9	19,4			-17,9	17,8	-101,5	19,2	-22,7	19,7
120	24/6/14 11.00	-112,1	19,9			-36,2	18,3	-110,5	19,8	-39,8	20,3
121	1/7/14 10.00	-111,3	20,3			-38,2	18,8	-110,0	20,5	-52,4	20,6
122	8/7/14 10.30	-76,7	25,8			-7,2	24,0	-73,8	25,8	-28,3	24,9
123	15/7/14 11.30	-87,6	25,9			-11,7	24,3	-84,8	25,9	-35,2	25,0
124	24/7/14 11.30	-94,5	26,0			-2,8	24,7	-78,3	26,1	-35,6	25,3
125	29/7/14 11.30	-91,7	26,9			5,8	26,4	-81,1	27,2	-25,5	26,8
126	19/8/14 11.00	-88,4	26,5			6,2	26,1	-77,9	26,8	-15,7	26,6
127	26/8/14 11.00	-105,5	26,1			-12,5	25,9	-97,4	26,2	-14,9	26,0
128	2/9/14 14.00	-105,1	25,8			-6,4	25,4	-107,9	26,0	-11,7	25,6
129	9/9/14 11.00	-115,7	25,6			-4,8	25,2	-98,2	25,8	-10,1	25,4
130	16/9/14 12.00	-126,2	25,4			-15,3	25,0	-119,3	25,4	-20,6	25,2
131	1/10/14 12.00	-114,9	25,0			-8,0	24,6	-110,8	25,1	-18,6	24,7
132	14/10/14 12.00	-104,7	24,5			-2,0	24,1	-101,9	24,5	-5,6	24,1



Ubicazione STAZIONE CHIAIA
Opera \ \ Puntone 2
Strumento Barretta Est. per Metallo
Data posa in opera 14/09/2011
Data lettura di zero 14/09/2011

SCHEMA UBICAZIONE

STAZIONE CHIAIA

\ \ Puntone 2

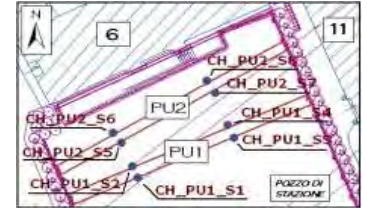
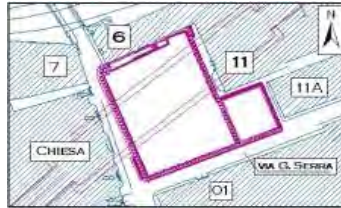


GRAFICO MICROSTRAIN

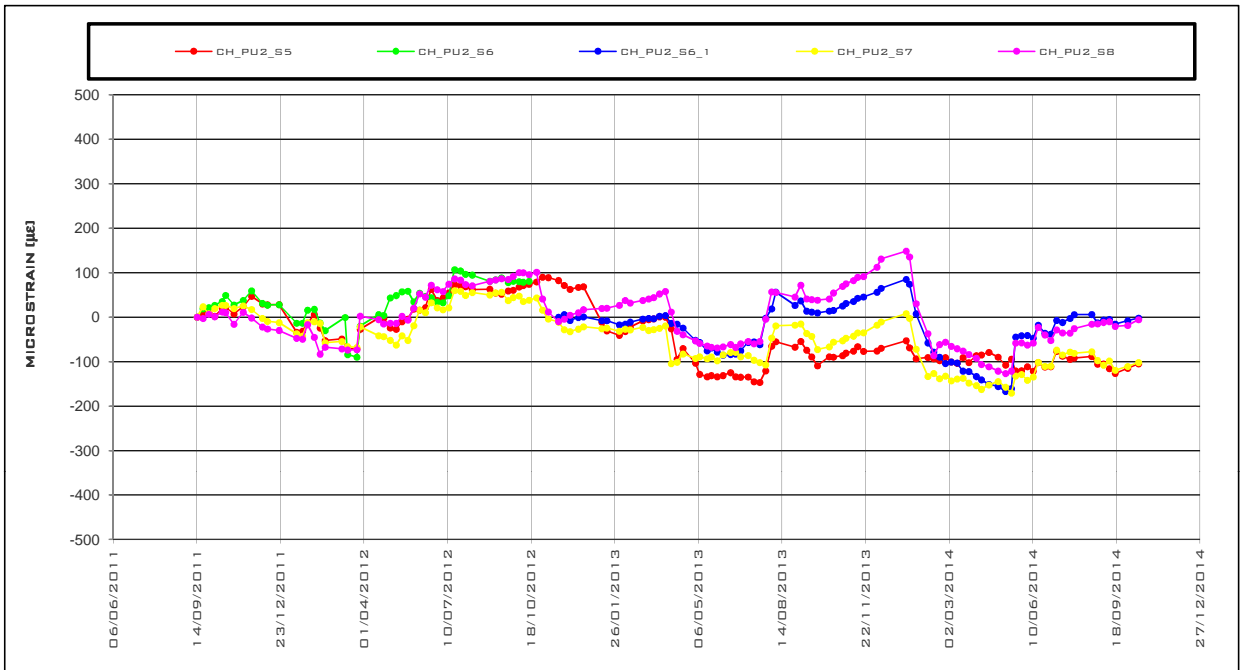
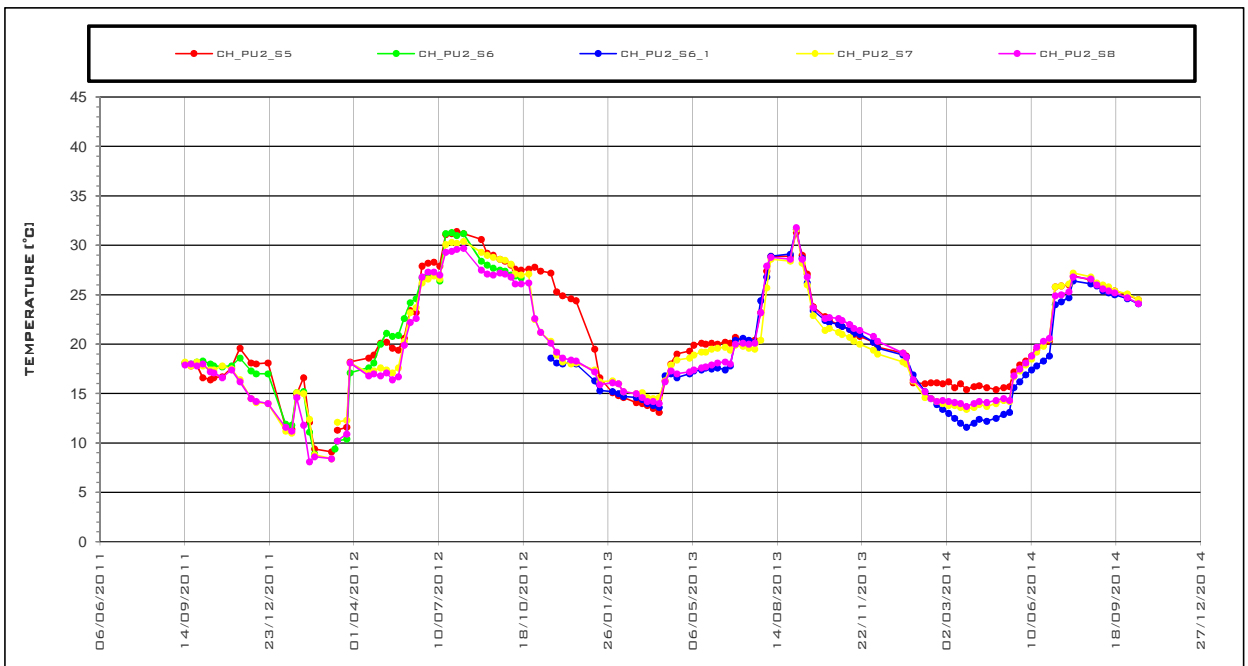



GRAFICO TEMPERATURE



 <p>Ansaldo STS A Finmeccanica Company</p>	<p>LINEA 6 METROPOLITANA DI NAPOLI - PROGETTO ESECUTIVO</p> <p><i>OPERE CIVILI - MONITORAGGIO GEOTECNICO GEOREFERENZIATO</i> <i>REPORT DELLE MISURE - STAZIONE CHIAIA</i></p>	<p>LM6 7FX 2C I 36 Data: 31/10/14 Metropolitana di Napoli A.T.I. LM6 TreEsse Engineering S.r.l.</p>
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9. MISURE GEOTECNICHE – CELLE DI CARICO TOROIDALI

Le celle di carico toroidali a compressione, costituite da un anello di acciaio di diverso diametro in funzione alla tipologia di utilizzo, trovano applicazione nel controllo della tesatura di tiranti o di bulloni per chiodature in roccia o nel terreno; servono inoltre per tenere sotto controllo gli stessi durante il servizio evidenziando eventuali rilasci o sovraccarichi tensionali.

Le celle, sottoposte ad un carico, subiscono una deformazione che viene rilevata dagli estensimetri, i quali variando il loro valore di resistenza, generano in uscita un segnale elettrico proporzionale al carico applicato.


 Ansaldo STS <small>A Finmeccanica Company</small>	LINEA 6 METROPOLITANA DI NAPOLI - PROGETTO ESECUTIVO OPERE CIVILI - MONITORAGGIO GEOTECNICO GEOREFERENZIATO REPORT DELLE MISURE - STAZIONE CHIAIA	LM6 7FX 2C I 36 Data: 31/10/14 Metropolitana di Napoli A.T.I. LM6 TreEsse Engineering S.r.l.
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Tabelle riepilogative per le Celle di Carico toroidali installate in cantiere.

Tabella Celle di Carico Primo Ordine di Tiranti

NOME	TIPOLOGIA STRUMENTO	DATA INSTALLAZIONE	DISPONIBILITA' LETTURA			NOTE
			DATA LETTURA DI ZERO	PERIODO INTERRUZIONE	DATA FINE ATTIVITA'	
CH_CC1	CC.TOROIDALI	16/05/11	16/05/11			
CH_CC2	CC.TOROIDALI	16/05/11	16/05/11			
CH_CC3	CC.TOROIDALI	16/05/11	16/05/11			
CH_CC4	CC.TOROIDALI	16/05/11	16/05/11			

Tabella Celle di Carico Secondo Ordine di Tiranti

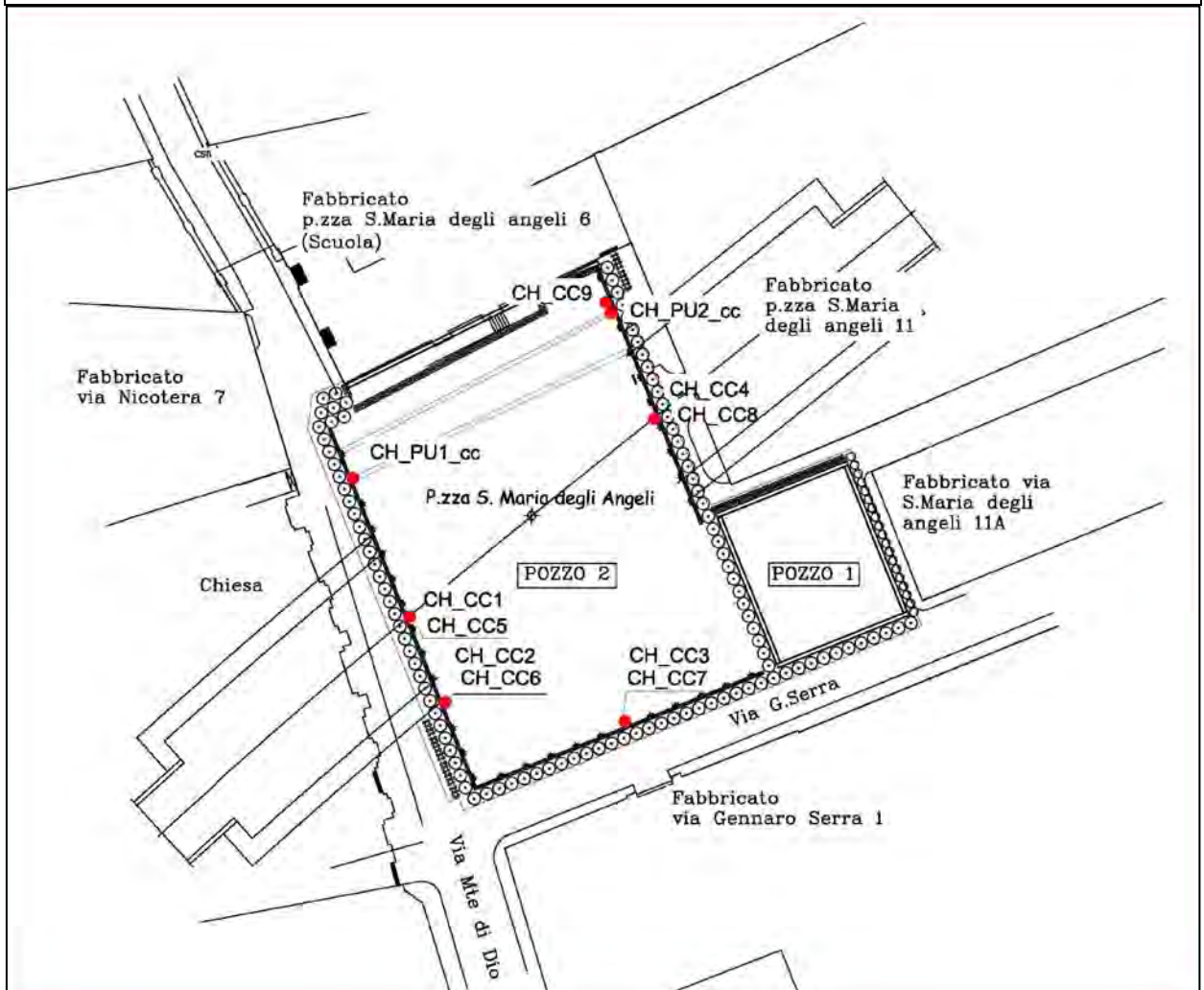
NOME	TIPOLOGIA STRUMENTO	DATA INSTALLAZIONE	DISPONIBILITA' LETTURA			NOTE
			DATA LETTURA DI ZERO	PERIODO INTERRUZIONE	DATA FINE ATTIVITA'	
SECONDO ORDINE DI TIRANTI						
CH_CC5	CC. TOROIDALI	02/08/11	02/08/11			
CH_CC6	CC. TOROIDALI	02/08/11	02/08/11			
CH_CC7	CC. TOROIDALI	16/05/11	19/07/11			
CH_CC8	CC. TOROIDALI	16/05/11	19/07/11			
CH_CC9	CC. TOROIDALI	02/04/12	02/04/12			

Tabella Celle di Carico Puntoni

NOME	TIPOLOGIA STRUMENTO	DATA INSTALLAZIONE	DISPONIBILITA' LETTURA			NOTE
			DATA LETTURA DI ZERO	PERIODO INTERRUZIONE	DATA FINE ATTIVITA'	
PUNTONI						
CH_PU1_CC	CC. TOROIDALI	14/09/11	14/09/11			
CH_PU2_CC	CC. TOROIDALI	14/09/11	14/09/11			

Celle di Carico

CH_CC1-9 / CH_PU1-2_CC



Affidabilità strumentale
A.T.I. LM6 – TreEsse

buono
da rivedere
da scartare

X

Congruenza progettuale
C.T. ATI LM6 – C.T. Monitoraggio

congruente
non congruente, da valutare
non congruente con implicazioni sulla
sicurezza

NOTE


TABULATI
Ubicazione STAZIONE CHIAIA

Tipo Strumento Cella di Carico

Posizione \ \ 1° Ordine Di Tiranti

Data posa in opera 16/05/2011

Data lettura di zero 16/06/2011

**Ultima
misura**

160

in data

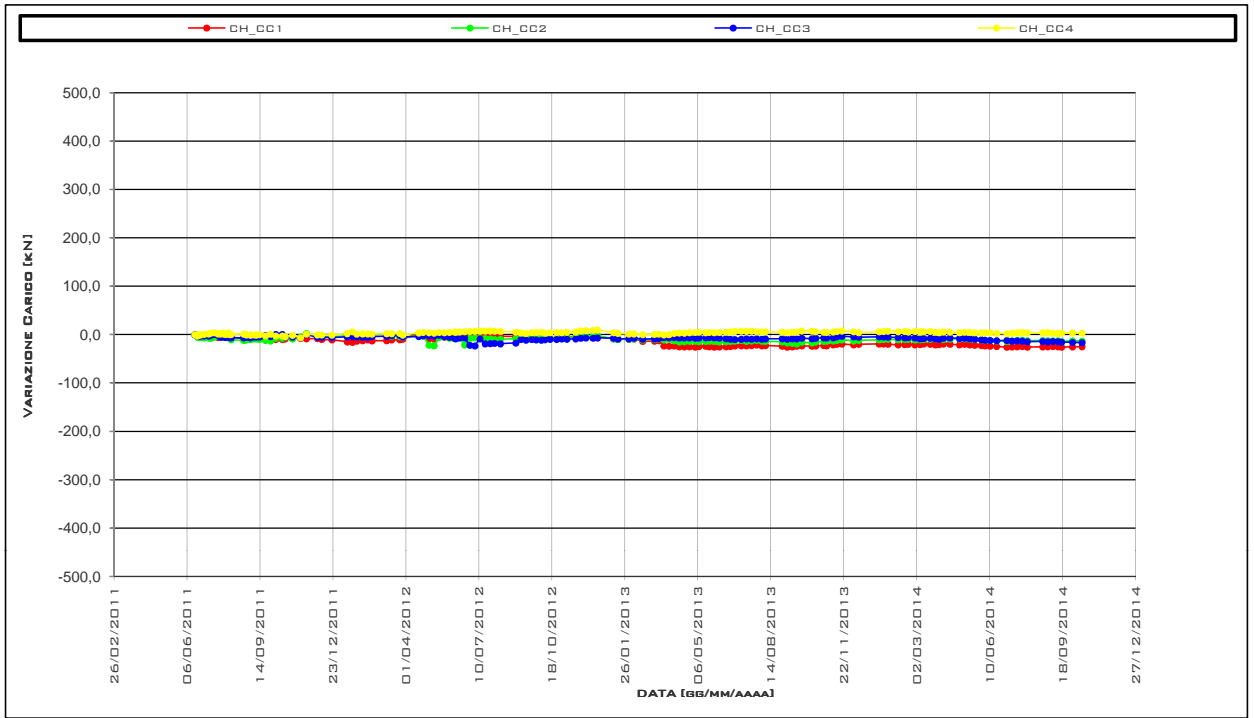
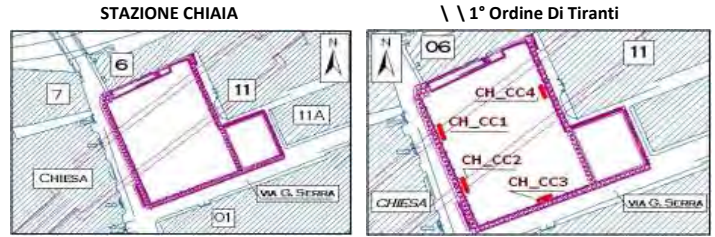
14/10/2014

Letture n°	DATA	CH_CC1		CH_CC2		CH_CC3		CH_CC4	
		Δ Carico [kN]	Carico [kN]	Δ Carico [kN]	Carico [kN]	Δ Carico [kN]	Carico [kN]	Δ Carico [kN]	Carico [kN]
107	04/07/2013 12.00	-23,00	277,97	-12,01	288,08	-9,50	320,03	7,00	292,88
108	11/07/2013 11.00	-23,00	277,97	-14,01	286,07	-9,00	320,53	6,50	292,38
109	18/07/2013 10.30	-22,50	278,47	-13,01	287,08	-9,50	320,03	7,00	292,88
110	25/07/2013 11.30	-21,50	279,47	-12,01	288,08	-8,50	321,03	6,00	291,88
111	01/08/2013 12.30	-23,00	277,97	-13,51	286,58	-9,50	320,03	5,50	291,38
112	06/08/2013 12.30	-22,50	278,47	-14,01	286,07	-9,00	320,53	6,00	291,88
113	29/08/2013 12.30	-24,00	276,97	-15,01	285,07	-8,50	321,03	5,00	290,88
114	05/09/2013 10.30	-26,00	274,97	-17,01	283,07	-9,50	320,03	4,00	289,88
115	12/09/2013 11.00	-25,00	275,97	-18,01	282,07	-8,50	321,03	5,00	290,88
116	18/09/2013 11.30	-24,00	276,97	-19,01	281,07	-9,00	320,53	5,50	291,38
117	25/09/2013 11.30	-23,00	277,97	-16,01	284,07	-7,50	322,03	7,50	293,38
118	09/10/2013 10.30	-24,00	276,97	-17,01	283,07	-8,50	321,03	7,00	292,88
119	14/10/2013 10.30	-23,50	277,47	-15,01	285,07	-7,50	322,03	6,00	291,88
120	25/10/2013 11.30	-22,50	278,47	-14,01	286,07	-6,50	323,03	5,00	290,88
121	29/10/2013 11.00	-23,00	277,97	-13,51	286,58	-7,00	322,53	4,50	290,38
122	07/11/2013 11.00	-21,00	279,97	-13,01	287,08	-6,50	323,03	5,50	291,38
123	12/11/2013 10.30	-20,00	280,97	-12,01	288,08	-4,50	325,03	6,50	292,38
124	19/11/2013 11.00	-19,50	281,47	-11,01	289,08	-3,50	326,03	7,50	293,38
125	05/12/2013 11.00	-21,00	279,97	-13,01	287,08	-4,50	325,03	6,00	291,88
126	12/12/2013 10.30	-20,00	280,97	-12,01	288,08	-5,50	324,03	4,00	289,88
127	09/01/2014 11.00	-19,50	281,47	-10,51	289,58	-4,50	325,03	6,00	291,88
128	15/01/2014 10.30	-19,00	281,97	-10,01	290,08	-5,00	324,53	6,50	292,38
129	21/01/2014 11.00	-20,00	280,97	-9,51	290,58	-5,50	324,03	7,00	292,88
130	04/02/2014 11.30	-21,00	279,97	-10,51	289,58	-6,00	323,53	6,00	291,88
131	13/02/2014 11.00	-20,50	280,47	-10,01	290,08	-6,50	323,03	6,50	292,38
132	18/02/2014 11.00	-20,00	280,97	-9,51	290,58	-6,00	323,53	5,50	291,38
133	27/02/2014 11.00	-21,00	279,97	-11,01	289,08	-7,00	322,53	6,50	292,38
134	06/03/2014 11.00	-20,50	280,47	-10,51	289,58	-8,50	321,03	5,50	291,38
135	11/03/2014 12.00	-19,50	281,47	-10,01	290,08	-8,00	321,53	6,00	291,88
136	20/03/2014 11.00	-20,00	280,97	-9,51	290,58	-7,50	322,03	6,50	292,38
137	27/03/2014 14.00	-21,00	279,97	-9,00	291,08	-8,50	321,03	5,00	290,88
138	01/04/2014 10.30	-20,50	280,47	-8,50	291,58	-9,50	320,03	4,00	289,88
139	07/04/2014 12.00	-19,50	281,47	-10,01	290,08	-7,50	322,03	5,50	291,38
140	16/04/2014 12.00	-20,00	280,97	-9,51	290,58	-7,00	322,53	5,00	290,88
141	29/04/2014 11.00	-21,00	279,97	-9,00	291,08	-8,00	321,53	4,00	289,88
142	06/05/2014 11.00	-20,00	280,97	-8,50	291,58	-7,50	322,03	5,00	290,88
143	13/05/2014 11.00	-21,00	279,97	-9,51	290,58	-8,50	321,03	4,50	290,38
144	20/05/2014 11.00	-22,00	278,97	-10,01	290,08	-9,50	320,03	4,00	289,88
145	29/05/2014 11.00	-22,50	278,47	-11,01	289,08	-10,50	319,03	3,50	289,38
146	03/06/2014 11.00	-23,00	277,97	-11,51	288,58	-11,50	318,03	4,00	289,88
147	10/06/2014 11.00	-24,00	276,97	-12,01	288,08	-12,00	317,53	4,00	289,88
148	19/06/2014 11.00	-24,50	276,47	-13,01	287,08	-12,50	317,03	2,50	288,38
149	03/07/2014 11.00	-26,00	274,97	-14,01	286,07	-12,00	317,53	2,00	287,88
150	10/07/2014 11.00	-25,50	275,47	-13,01	287,08	-13,50	316,03	3,00	288,88
151	17/07/2014 11.00	-25,00	275,97	-12,01	288,08	-13,00	316,53	4,00	289,88
152	24/07/2014 11.00	-24,50	276,47	-11,51	288,58	-13,50	316,03	4,50	290,38
153	31/07/2014 12.00	-26,00	274,97	-12,51	287,58	-14,50	315,03	4,00	289,88
154	21/08/2014 12.00	-25,50	275,47	-12,01	288,08	-14,00	315,53	4,00	289,88
155	28/08/2014 12.00	-25,00	275,97	-12,51	287,58	-15,00	314,53	4,50	290,38
156	04/09/2014 11.00	-24,50	276,47	-13,01	287,08	-14,00	315,53	3,00	288,88
157	11/09/2014 11.00	-25,00	275,97	-12,51	287,58	-14,50	315,03	2,50	288,38
158	16/09/2014 10.00	-26,00	274,97	-14,01	286,07	-15,50	314,03	3,00	288,88
159	01/10/2014 10.00	-25,50	275,47	-13,01	287,08	-16,00	313,53	3,50	289,38
160	14/10/2014 10.00	-25,00	275,97	-13,51	286,58	-16,50	313,03	3,00	288,88



SCHEMA UBICAZIONE

Ubicazione STAZIONE CHIAIA
Tipo Strumento Cella di Carico
Posizione \ \ 1° Ordine Di Tiranti
Data posa in opera 16/05/2011
Data lettura di zero 16/06/2011





TABULATI

Ubicazione STAZIONE CHIAIA

Tipo Strumento Cella di Carico

Posizione \ \ 2° Ordine Di Tiranti

Data posa in opera 02/08/2011

Data lettura di zero 02/08/2011

**Ultima
misura**

152

in data

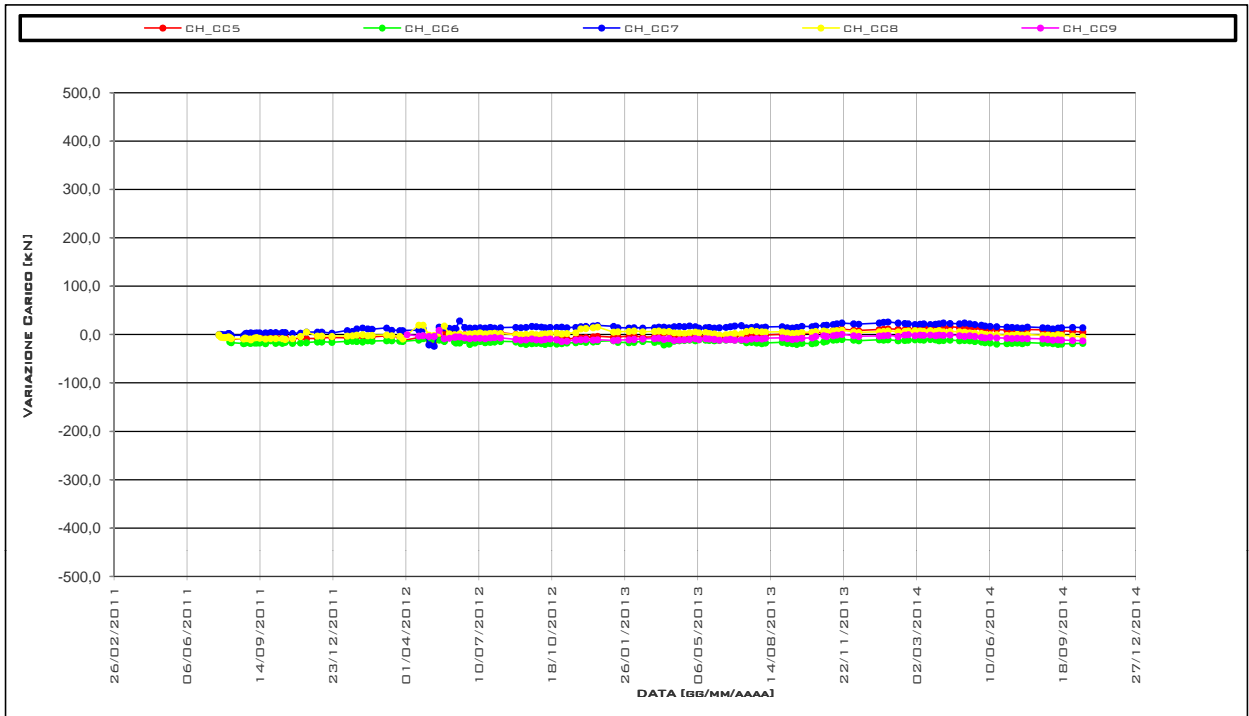
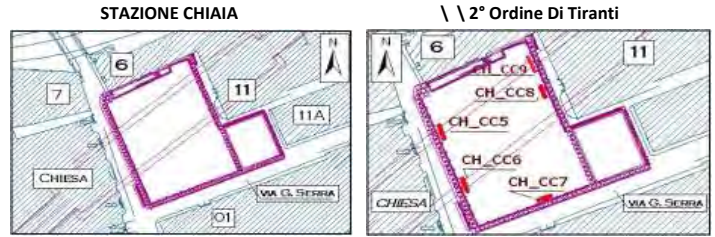
15/10/2014

Letture n°	DATA	CH_CC5		CH_CC6		CH_CC7		CH_CC8		CH_CC9	
		Δ Carico [kN]	Carico [kN]	Δ Carico [kN]	Carico [kN]	Δ Carico [kN]	Carico [kN]	Δ Carico [kN]	Carico [kN]	Δ Carico [kN]	Carico [kN]
99	04/07/2013 12.30	-0,75	538,31	-12,00	510,96	18,75	500,18	1,50	362,84	-10,50	390,75
100	11/07/2013 11.00	0,00	539,06	-16,50	506,46	14,25	495,68	6,75	368,09	-10,50	390,75
101	18/07/2013 10.00	0,75	539,81	-15,75	507,21	15,00	496,43	8,25	369,59	-9,00	392,25
102	25/07/2013 11.00	1,50	540,56	-17,25	505,71	16,50	497,93	6,75	368,09	-8,25	393,00
103	01/08/2013 12.30	-0,75	538,31	-18,75	504,21	14,25	495,68	6,00	367,34	-9,00	392,25
104	06/08/2013 12.30	-0,75	538,31	-17,25	505,71	15,75	497,18	5,25	366,59	-7,50	393,75
105	29/08/2013 12.30	0,75	539,81	-15,75	507,21	16,50	497,93	6,00	367,34	-6,75	394,50
106	05/09/2013 10.30	0,00	539,06	-18,00	504,96	14,25	495,68	3,75	365,09	-8,25	393,00
107	12/09/2013 11.00	-0,75	538,31	-18,75	504,21	13,50	494,93	2,25	363,59	-9,75	391,50
108	18/09/2013 10.30	0,00	539,06	-20,25	502,71	15,00	496,43	3,00	364,34	-9,00	392,25
109	25/09/2013 10.30	2,25	541,31	-18,00	504,96	17,25	498,68	4,50	365,84	-7,50	393,75
110	09/10/2013 10.30	3,75	542,81	-18,75	504,21	16,50	497,93	5,25	366,59	-6,75	394,50
111	14/10/2013 10.00	5,25	544,31	-17,25	505,71	18,00	499,43	6,75	368,09	-3,75	397,50
112	25/10/2013 10.00	4,50	543,56	-15,00	507,96	18,75	500,18	7,50	368,84	-2,25	399,00
113	29/10/2013 10.30	5,25	544,31	-13,50	509,46	19,50	500,93	6,00	367,34	-3,75	397,50
114	07/11/2013 10.30	8,25	547,31	-11,25	511,71	21,00	502,43	7,50	368,84	-2,25	399,00
115	12/11/2013 10.30	9,75	548,81	-10,50	512,46	22,50	503,93	8,25	369,59	-0,75	400,50
116	19/11/2013 11.00	11,25	550,31	-9,75	513,21	24,00	505,43	9,00	370,34	0,75	402,00
117	05/12/2013 10.00	9,00	548,06	-11,25	511,71	22,50	503,93	6,00	367,34	-2,25	399,00
118	12/12/2013 10.30	8,25	547,31	-12,75	510,21	21,75	503,18	4,50	365,84	-3,75	397,50
119	09/01/2014 11.00	10,50	549,56	-10,50	512,46	24,00	505,43	6,00	367,34	-3,00	398,25
120	15/01/2014 10.30	11,25	550,31	-11,25	511,71	25,50	506,93	6,75	368,09	-2,25	399,00
121	21/01/2014 11.30	12,00	551,06	-10,50	512,46	26,25	507,68	7,50	368,84	-1,50	399,75
122	04/02/2014 11.00	11,25	550,31	-12,75	510,21	24,00	505,43	6,00	367,34	-3,75	397,50
123	13/02/2014 11.00	9,75	548,81	-12,00	510,96	23,25	504,68	6,75	368,09	-0,75	400,50
124	18/02/2014 11.00	10,50	549,56	-11,25	511,71	22,50	503,93	7,50	368,84	0,00	401,25
125	27/02/2014 11.00	11,25	550,31	-10,50	512,46	21,00	502,43	8,25	369,59	-2,25	399,00
126	06/03/2014 11.00	12,75	551,81	-10,50	512,46	21,75	503,18	7,50	368,84	-0,75	400,50
127	11/03/2014 12.00	15,00	554,06	-11,25	511,71	22,50	503,93	6,75	368,09	-1,50	399,75
128	20/03/2014 11.00	16,50	555,56	-9,75	513,21	21,00	502,43	8,25	369,59	-0,75	400,50
129	27/03/2014 14.00	15,75	554,81	-10,50	512,46	21,75	503,18	6,75	368,09	-2,25	399,00
130	01/04/2014 10.30	15,00	554,06	-12,75	510,21	22,50	503,93	8,25	369,59	-0,75	400,50
131	07/04/2014 12.00	15,75	554,81	-12,00	510,96	24,00	505,43	6,00	367,34	-1,50	399,75
132	16/04/2014 12.00	16,50	555,56	-11,25	511,71	23,25	504,68	6,75	368,09	-0,75	400,50
133	29/04/2014 11.00	14,25	553,31	-12,75	510,21	22,50	503,93	6,00	367,34	-2,25	399,00
134	06/05/2014 11.00	16,50	555,56	-12,00	510,96	24,00	505,43	5,25	366,59	-3,75	397,50
135	13/05/2014 11.00	15,75	554,81	-12,75	510,21	22,50	503,93	3,75	365,09	-2,25	399,00
136	20/05/2014 11.00	15,00	554,06	-14,25	508,71	21,00	502,43	3,00	364,34	-3,75	397,50
137	29/05/2014 11.00	14,25	553,31	-15,00	507,96	19,50	500,93	2,25	363,59	-5,25	396,00
138	03/06/2014 11.00	12,75	551,81	-16,50	506,46	18,00	499,43	0,75	362,09	-6,75	394,50
139	10/06/2014 11.00	12,00	551,06	-17,25	505,71	17,25	498,68	0,00	361,34	-5,25	396,00
140	19/06/2014 11.00	10,50	549,56	-19,50	503,46	16,50	497,93	0,00	361,34	-6,75	394,50
141	03/07/2014 11.00	9,00	548,06	-18,75	504,21	15,75	497,18	-1,50	359,84	-7,50	393,75
142	10/07/2014 11.00	9,75	548,81	-18,00	504,96	15,00	496,43	-0,75	360,59	-8,25	393,00
143	17/07/2014 11.00	10,50	549,56	-17,25	505,71	14,25	495,68	0,75	362,09	-7,50	393,75
144	24/07/2014 11.00	9,00	548,06	-18,75	504,21	13,50	494,93	-0,75	360,59	-8,25	393,00
145	31/07/2014 12.00	10,50	549,56	-16,50	506,46	15,75	497,18	0,00	361,34	-8,25	393,00
146	21/08/2014 12.00	9,75	548,81	-18,00	504,96	14,25	495,68	-1,50	359,84	-9,00	392,25
147	28/08/2014 12.00	8,25	547,31	-17,25	505,71	13,50	494,93	-0,75	360,59	-9,75	391,50
148	04/09/2014 11.00	7,50	546,56	-18,75	504,21	12,00	493,43	-1,50	359,84	-11,25	390,00
149	11/09/2014 11.00	8,25	547,31	-20,25	502,71	13,50	494,93	0,00	361,34	-10,50	390,75
150	16/09/2014 10.00	7,50	546,56	-19,50	503,46	14,25	495,68	-1,50	359,84	-11,25	390,00
151	01/10/2014 10.00	6,75	545,81	-18,75	504,21	15,00	496,43	-3,00	358,34	-12,00	389,25
152	15/10/2014 10.00	5,25	544,31	-18,00	504,96	14,25	495,68	-4,50	356,84	-12,75	388,50



SCHEMA UBICAZIONE

Ubicazione STAZIONE CHIAIA
Tipo Strumento Cella di Carico
Posizione \ \ 2° Ordine Di Tiranti
Data posa in opera 02/08/2011
Data lettura di zero 02/08/2011




TABULATI
Ubicazione STAZIONE CHIAIA

Tipo Strumento Cella di Carico

Posizione \ \ Puntoni

Data posa in opera 14/09/2011

Data lettura di zero 14/09/2011

**Ultima
misura**

134

in data

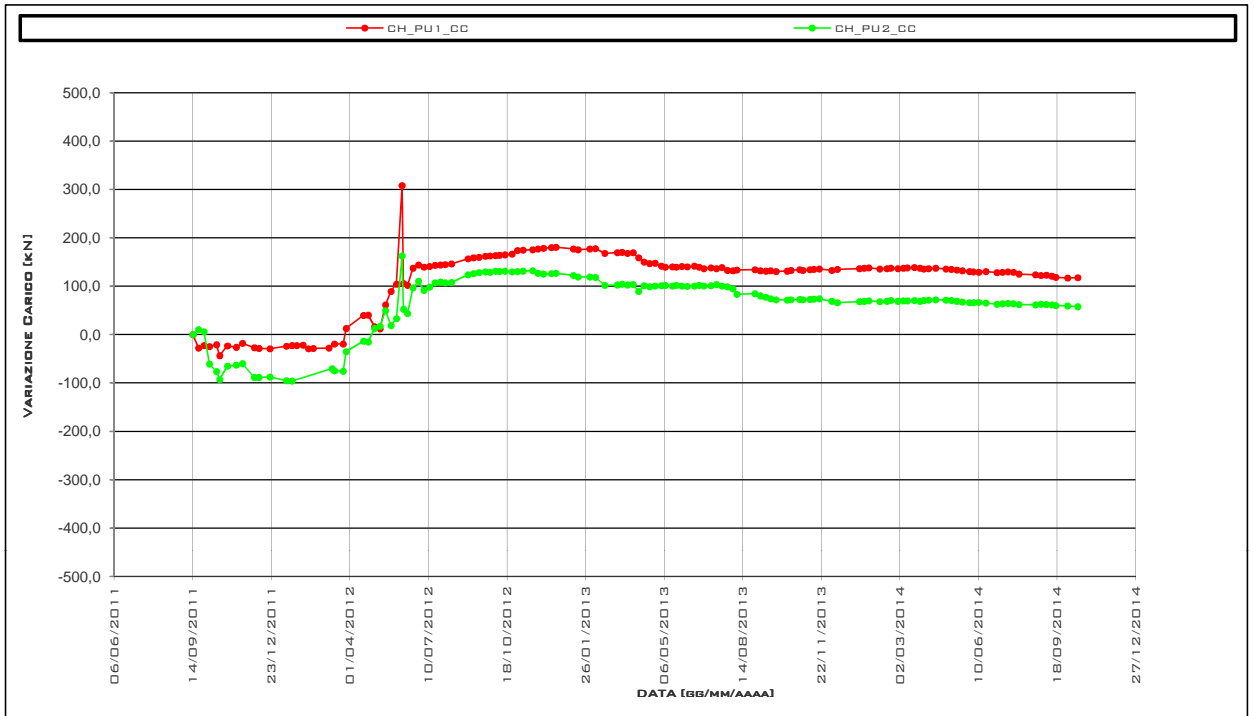
14/10/2014


Letture n°	DATA	CH_PU1_CC		CH_PU2_CC	
		Δ Carico [kN]	Carico [kN]	Δ Carico [kN]	Carico [kN]
81	04/07/2013 12.30	137,97	441,19	101,25	677,29
82	11/07/2013 12.30	136,47	439,69	103,50	679,54
83	18/07/2013 11.30	138,72	441,94	100,50	676,54
84	25/07/2013 11.00	132,73	435,94	99,00	675,04
85	01/08/2013 12.30	131,98	435,19	94,50	670,54
86	06/08/2013 12.30	133,48	436,69	83,25	659,29
87	29/08/2013 12.30	134,22	437,44	84,75	660,79
88	05/09/2013 10.30	131,98	435,19	80,25	656,29
89	12/09/2013 11.00	131,23	434,44	77,25	653,29
90	18/09/2013 10.30	131,98	435,19	74,25	650,29
91	25/09/2013 10.30	130,48	433,69	72,00	648,04
92	09/10/2013 11.30	131,23	434,44	71,25	647,29
93	14/10/2013 11.30	132,73	435,94	72,00	648,04
94	25/10/2013 11.30	134,22	437,44	72,75	648,79
95	29/10/2013 11.00	132,73	435,94	72,00	648,04
96	07/11/2013 10.00	134,22	437,44	72,75	648,79
97	12/11/2013 10.00	134,97	438,19	73,50	649,54
98	19/11/2013 11.00	135,72	438,94	74,25	650,29
99	05/12/2013 10.00	132,73	435,94	69,00	645,04
100	12/12/2013 10.30	134,97	438,19	66,00	642,04
101	09/01/2014 11.00	136,47	439,69	68,25	644,29
102	15/01/2014 10.30	137,22	440,44	69,00	645,04
103	21/01/2014 11.30	137,97	441,19	69,75	645,79
104	04/02/2014 11.00	135,72	438,94	68,25	644,29
105	13/02/2014 11.00	136,47	439,69	69,00	645,04
106	18/02/2014 11.00	137,22	440,44	70,50	646,54
107	27/02/2014 11.00	136,47	439,69	69,00	645,04
108	06/03/2014 11.00	137,22	440,44	69,75	645,79
109	11/03/2014 12.00	137,97	441,19	69,75	645,79
110	20/03/2014 11.00	138,72	441,94	70,50	646,54
111	27/03/2014 14.00	137,22	440,44	69,00	645,04
112	01/04/2014 10.30	135,72	438,94	70,50	646,54
113	07/04/2014 12.00	136,47	439,69	71,25	647,29
114	16/04/2014 12.00	137,22	440,44	72,00	648,04
115	29/04/2014 11.00	135,72	438,94	71,25	647,29
116	06/05/2014 11.30	134,97	438,19	70,50	646,54
117	13/05/2014 11.00	133,48	436,69	69,00	645,04
118	20/05/2014 11.00	131,98	435,19	67,50	643,54
119	29/05/2014 11.00	130,48	433,69	66,00	642,04
120	03/06/2014 11.00	129,73	432,94	66,00	642,04
121	10/06/2014 11.00	128,98	432,19	66,75	642,79
122	19/06/2014 11.00	130,48	433,69	65,25	641,29
123	03/07/2014 11.00	128,23	431,44	63,00	639,04
124	10/07/2014 11.00	128,98	432,19	63,75	639,79
125	17/07/2014 10.00	129,73	432,94	64,50	640,54
126	24/07/2014 11.00	128,98	432,19	63,75	639,79
127	31/07/2014 12.00	125,23	428,44	62,25	638,29
128	21/08/2014 12.00	123,73	426,94	61,50	637,54
129	28/08/2014 12.00	122,23	425,44	63,00	639,04
130	04/09/2014 11.00	122,98	426,19	62,25	638,29
131	11/09/2014 11.00	120,73	423,94	61,50	637,54
132	16/09/2014 10.00	118,48	421,69	60,00	636,04
133	01/10/2014 10.00	116,98	420,19	59,25	635,29
134	14/10/2014 10.00	117,73	420,94	57,75	633,79



SCHEMA UBICAZIONE

Ubicazione STAZIONE CHIAIA
Tipo Strumento Cella di Carico
Posizione \ \ Puntoni
Data posa in opera 14/09/2011
Data lettura di zero 14/09/2011



 <p>Ansaldo STS A Finmeccanica Company</p>	<p>LINEA 6 METROPOLITANA DI NAPOLI - PROGETTO ESECUTIVO</p> <p><i>OPERE CIVILI - MONITORAGGIO GEOTECNICO GEOREFERENZIATO REPORT DELLE MISURE - STAZIONE CHIAIA</i></p>	<p>LM6 7FX 2C 136 Data: 31/10/14 Metropolitana di Napoli A.T.I. LM6 TreEsse Engineering S.r.l.</p>
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10. MISURE TOPOGRAFICHE – MIRE OTTICHE

Le Mire Ottiche, installate in prossimità delle travi di distribuzione dei carichi, che collegano i tiranti in testa, permettono di controllare in tali aree l'influenza delle lavorazioni, registrando eventuali variazioni di quota e spostamenti sul piano orizzontale. La misurazione verrà effettuata tramite Teodolite dall'ATI.


 <p>Ansaldo STS A Finmeccanica Company</p>	<p>LINEA 6 METROPOLITANA DI NAPOLI - PROGETTO ESECUTIVO</p> <p><i>OPERE CIVILI - MONITORAGGIO GEOTECNICO GEOREFERENZIATO REPORT DELLE MISURE - STAZIONE CHIAIA</i></p>	<p>LM6 7FX 2C I 36 Data: 31/10/14 Metropolitana di Napoli A.T.I. LM6 TreEsse Engineering S.r.l.</p>
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Tabelle riepilogative per le Mire Ottiche installate in cantiere. Tabella Mire Ottiche Primo Ordine di Tiranti

NOME	TIPOLOGIA STRUMENTO	DATA INSTALLAZIONE	DISPONIBILITA' LETTURA			NOTE
			DATA LETTURA DI ZERO	PERIODO INTERRUZIONE	DATA FINE ATTIVITA'	
CH_MO1	M. OTTICHE		13/09/11			
CH_MO2	M. OTTICHE		13/09/11			
CH_MO3	M. OTTICHE		15/07/11			
CH_MO4	M. OTTICHE		15/07/11			
CH_MO5	M. OTTICHE		15/07/11			
CH_MO6	M. OTTICHE		15/07/11			
CH_MO7	M. OTTICHE		15/07/11			
CH_MO8	M. OTTICHE		15/07/11			
CH_MO9	M. OTTICHE		15/07/11			
CH_MO10	M. OTTICHE		15/07/11			
CH_MO11	M. OTTICHE		15/07/11			
CH_MO12	M. OTTICHE		15/07/11			
CH_MO13	M. OTTICHE		15/07/11			
CH_MO14	M. OTTICHE		19/07/11			
CH_MO15	M. OTTICHE		06/09/11			
CH_MO16	M. OTTICHE		06/09/11			

Tabella Mire Ottiche Secondo Ordine di Tiranti

NOME	TIPOLOGIA STRUMENTO	DATA INSTALLAZIONE	DISPONIBILITA' LETTURA			NOTE
			DATA LETTURA DI ZERO	PERIODO INTERRUZIONE	DATA FINE ATTIVITA'	
CH_MO17	M. OTTICHE		17/04/12			
CH_MO18	M. OTTICHE		17/04/12	Dal 28/02/14		
CH_MO19	M. OTTICHE		15/11/11			
CH_MO20	M. OTTICHE		15/11/11			
CH_MO21	M. OTTICHE		02/08/11			
CH_MO22	M. OTTICHE		02/08/11			
CH_MO23	M. OTTICHE		02/08/11			
CH_MO24	M. OTTICHE		02/08/11			
CH_MO25	M. OTTICHE		25/07/11			
CH_MO26	M. OTTICHE		25/07/11			
CH_MO27	M. OTTICHE		24/08/11			
CH_MO28	M. OTTICHE		24/08/11			
CH_MO29	M. OTTICHE		24/08/11			
CH_MO30	M. OTTICHE		24/08/11			
CH_MO31	M. OTTICHE		29/11/11	Dal 06/03/14		
CH_MO32	M. OTTICHE		29/11/11			



 <p>Ansaldo STS A Finmeccanica Company</p>	<p>LINEA 6 METROPOLITANA DI NAPOLI - PROGETTO ESECUTIVO</p> <p><i>OPERE CIVILI - MONITORAGGIO GEOTECNICO GEOREFERENZIATO REPORT DELLE MISURE - STAZIONE CHIAIA</i></p>	<p>LM6 7FX 2C I 36 Data: 31/10/14 Metropolitana di Napoli A.T.I. LM6 TreEsse Engineering S.r.l.</p>
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Tabella Mire Ottiche Terzo e Quarto Ordine – Tufo e Mire Ottiche Supplementari

NOME	TIPOLOGIA STRUMENTO	DATA INSTALLAZIONE	DISPONIBILITA' LETTURA			NOTE
			DATA LETTURA DI ZERO	PERIODO INTERRUZIONE	DATA FINE ATTIVITA'	
CH_MO33	M. OTTICHE		12/07/12			
CH_MO34	M. OTTICHE		18/07/12			
CH_MO35	M. OTTICHE		13/09/12			
CH_MO36	M. OTTICHE		13/09/12		27/02/13	SOSTITUITA
CH_MO36A	M. OTTICHE		28/03/13			Sostituisce CH_MO36
CH_MO37	M. OTTICHE		18/09/12		13/06/13	SOSTITUITA
CH_MO37A	M. OTTICHE		01/07/13			Sostituisce CH_MO37
CH_MO38	M. OTTICHE		07/02/13			
CH_MO39	M. OTTICHE		07/02/13			
CH_MO40	M. OTTICHE		14/02/13		07/11/13	DIVELTA
CH_MO41	M. OTTICHE		05/03/13			
CH_MO42	M. OTTICHE		05/03/13			
CH_MO43	M. OTTICHE		05/03/13		31/10/13	DIVELTA
CH_MO44	M. OTTICHE		05/03/13		28/08/13	DIVELTA
CH_MO45	M. OTTICHE		28/03/13		15/01/14	DIVELTA
CH_MO46	M. OTTICHE		28/03/13			
CH_MO47	M. OTTICHE		28/03/13			
CH_MO48	M. OTTICHE		28/03/13			
CH_MO49	M. OTTICHE		28/03/13			
CH_MO50	M. OTTICHE		28/03/13			
CH_MO51	M. OTTICHE		03/04/13			
CH_MO52	M. OTTICHE		28/03/13			
CH_MO53	M. OTTICHE		28/03/13	Dal 28/02/14		
CH_MO54	M. OTTICHE		28/03/13			
CH_MO55	M. OTTICHE		28/03/13			
CH_MO56	M. OTTICHE		28/03/13			
CH_MO57	M. OTTICHE		28/03/13			
CH_MO58	M. OTTICHE		28/03/13			
CH_MO59	M. OTTICHE		28/03/13			
CH_MO60	M. OTTICHE		28/03/13			
CH_MO61	M. OTTICHE		28/03/13	Dal 28/02/14		
CH_MO62	M. OTTICHE		28/03/13			
CH_MO63	M. OTTICHE		28/03/13			
CH_MO64	M. OTTICHE		28/03/13			
CH_MO65	M. OTTICHE		06/02/14		24/03/14	DIVELTA
CH_MO66	M. OTTICHE		06/02/14			(*)
CH_MO67	M. OTTICHE		06/02/14			(*)
CH_MO68	M. OTTICHE		06/02/14			(*)

 <p>Ansaldo STS A Finmeccanica Company</p>	<p>LINEA 6 METROPOLITANA DI NAPOLI - PROGETTO ESECUTIVO</p> <p><i>OPERE CIVILI - MONITORAGGIO GEOTECNICO GEOREFERENZIATO</i></p> <p><i>REPORT DELLE MISURE - STAZIONE CHIAIA</i></p>	<p>LM6 7FX 2C I 36 Data: 31/10/14 Metropolitana di Napoli A.T.I. LM6 TreEsse Engineering S.r.l.</p>
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NOME	TIPOLOGIA STRUMENTO	DATA INSTALLAZIONE	DISPONIBILITA' LETTURA			NOTE
			DATA LETTURA DI ZERO	PERIODO INTERRUZIONE	DATA FINE ATTIVITA'	
CH_MO69	M. OTTICHE		06/02/14			(*)
CH_MO70	M. OTTICHE		06/02/14			Urtata (17/03/14; 24/03/14)
CH_MO71	M. OTTICHE		12/02/14			(*)
CH_MO72	M. OTTICHE		28/02/14			(*)
CH_MO73	M. OTTICHE		06/03/14			(*)
CH_MO74	M. OTTICHE		06/03/14			(*)

(*) al presente Report non ci sono misure da consegnare per lo strumento



Ubicazione **STAZIONE CHIAIA**

Opera \ \ Ordine di Tiranti \ 01-04

Tipo Strumento **Mire Ottiche**

Data posa in opera **13/09/2011**

Data lettura di zero **13/09/2011**

Ultima Misura 135 in data 28/10/2014

Lett. n°	DATA	CH_M01					CH_M02					CH_M03					CH_M04				
		Temp. Media[°C]	Quota [m]	Quota Spost. [mm]	Est. Spost. [mm]	Nord Spost. [mm]	Temp. Media[°C]	Quota [m]	Quota Spost. [mm]	Est. Spost. [mm]	Nord Spost. [mm]	Temp. Media[°C]	Quota [m]	Quota Spost. [mm]	Est. Spost. [mm]	Nord Spost. [mm]	Temp. Media[°C]	Quota [m]	Quota Spost. [mm]	Est. Spost. [mm]	Nord Spost. [mm]
45	29/08/2012 16.00	30.0	34.7	1.0	0.0	0.0	30.0	34.7	2.0	0.0	0.0	30.0	33.0	3.0	-1.0	-2.0	30.0	32.9	2.0	-2.0	-1.0
46	13/09/2012 15.00	22.0	34.7	1.0	0.0	0.0	22.0	34.7	2.0	-1.0	-1.0	22.0	33.0	3.0	-2.0	-2.0	22.0	32.9	3.0	-2.0	-1.0
47	18/09/2012 08.00	19.0	34.7	1.0	0.0	0.0	19.0	34.7	2.0	0.0	0.0	19.0	33.0	3.0	-2.0	-2.0	19.0	32.9	3.0	-1.0	0.0
48	26/09/2012 15.00	30.0	34.7	2.0	-1.0	-1.0	30.0	34.7	2.0	-1.0	0.0	30.0	33.0	4.0	-2.0	-3.0	30.0	32.9	4.0	-4.0	-2.0
49	04/10/2012 09.00	18.0	34.7	2.0	0.0	0.0	18.0	34.7	2.0	-1.0	-1.0	18.0	33.0	3.0	-3.0	-2.0	18.0	32.9	3.0	-3.0	-1.0
50	17/10/2012 08.30	14.0	34.7	2.0	-1.0	-1.0	14.0	34.7	2.0	-3.0	0.0	14.0	33.0	4.0	-4.0	-2.0	14.0	32.9	3.0	-3.0	0.0
51	07/11/2012 08.30	14.0	34.7	0.0	-2.0	0.0	14.0	34.7	1.0	-2.0	-2.0	14.0	33.0	2.0	-2.0	-3.0	14.0	32.9	2.0	-3.0	-1.0
52	27/11/2012 08.30	11.0	34.7	2.0	-2.0	-1.0	11.0	34.7	2.0	-3.0	-2.0	11.0	33.0	3.0	-3.0	-4.0	11.0	32.9	3.0	-4.0	-2.0
53	17/12/2012 08.30	13.0	34.7	0.0	0.0	0.0	13.0	34.7	0.0	-3.0	-2.0	13.0	33.0	2.0	-3.0	-3.0	13.0	32.9	2.0	-3.0	-1.0
54	09/01/2013 08.30	10.0	34.7	0.0	-1.0	-1.0	10.0	34.7	1.0	-3.0	-1.0	10.0	33.0	2.0	-3.0	-2.0	10.0	32.9	2.0	-5.0	-1.0
55	29/01/2013 08.30	8.0	34.7	1.0	-1.0	-2.0	8.0	34.7	1.0	-2.0	-1.0	8.0	33.0	2.0	-2.0	-3.0	8.0	32.9	2.0	-3.0	-1.0
56	07/02/2013 15.00	8.0	34.7	1.0	0.0	-1.0	8.0	34.7	3.0	-2.0	-1.0	8.0	33.0	4.0	-2.0	-3.0	8.0	32.9	3.0	-3.0	0.0
57	14/02/2013 08.30	6.0	34.7	0.0	-1.0	-1.0	6.0	34.7	1.0	-3.0	-2.0	6.0	33.0	2.0	-4.0	-3.0	6.0	32.9	2.0	-4.0	-2.0
58	19/02/2013 15.30	12.0	34.7	1.0	-3.0	-2.0	12.0	34.7	1.0	-4.0	-3.0	12.0	33.0	2.0	-4.0	-4.0	12.0	32.9	2.0	-3.0	-2.0
59	27/02/2013 08.30	6.0	34.7	1.0	-1.0	-2.0	6.0	34.7	2.0	-3.0	-3.0	6.0	33.0	3.0	-4.0	-4.0	6.0	32.9	2.0	-3.0	-1.0
60	05/03/2013 10.30	12.0	34.7	0.0	0.0	-1.0	12.0	34.7	1.0	-2.0	-2.0	12.0	33.0	2.0	-2.0	-3.0	12.0	32.9	2.0	-3.0	-1.0
61	12/03/2013 08.30	10.0	34.7	2.0	-1.0	-1.0	10.0	34.7	2.0	-2.0	-1.0	10.0	33.0	3.0	-2.0	-2.0	10.0	32.9	3.0	-2.0	-1.0
62	19/03/2013 16.00	16.0	34.7	1.0	-1.0	-3.0	16.0	34.7	3.0	-2.0	-2.0	16.0	33.0	3.0	-3.0	-3.0	16.0	32.9	2.0	-2.0	-1.0
63	26/03/2013 08.30	13.0	34.7	1.0	0.0	-2.0	13.0	34.7	1.0	-1.0	-3.0	13.0	33.0	3.0	-2.0	-3.0	13.0	32.9	2.0	-3.0	-1.0
64	28/03/2013 11.00	15.0	34.7	2.0	-2.0	-2.0	15.0	34.7	2.0	-1.0	-2.0	15.0	33.0	3.0	-3.0	-3.0	15.0	32.9	3.0	-4.0	-1.0
65	03/04/2013 17.30	16.0	34.7	0.0	-1.0	-2.0	16.0	34.7	1.0	-1.0	-2.0	16.0	33.0	2.0	-5.0	-4.0	16.0	32.9	2.0	-4.0	-1.0
66	10/04/2013 15.00	16.0	34.7	2.0	-1.0	-1.0	16.0	34.7	2.0	0.0	-1.0	16.0	33.0	3.0	-4.0	-2.0	16.0	32.9	2.0	-4.0	-1.0
67	16/04/2013 15.00	23.0	34.7	1.0	0.0	-2.0	23.0	34.7	1.0	-1.0	-3.0	23.0	33.0	2.0	-3.0	-4.0	23.0	32.9	2.0	-3.0	-2.0
68	23/04/2013 08.30	13.0	34.7	1.0	-2.0	-2.0	13.0	34.7	1.0	-3.0	-2.0	13.0	33.0	2.0	-4.0	-2.0	13.0	32.9	1.0	-2.0	-1.0
69	03/05/2013 14.30	25.0	34.7	2.0	0.0	0.0	25.0	34.7	1.0	-1.0	-1.0	25.0	33.0	3.0	-3.0	-3.0	25.0	32.9	2.0	-2.0	-1.0
70	09/05/2013 08.30	18.0	34.7	2.0	0.0	0.0	18.0	34.7	2.0	-2.0	0.0	18.0	33.0	3.0	-3.0	-2.0	18.0	32.9	2.0	-3.0	-1.0
71	15/05/2013 14.30	21.0	34.7	2.0	0.0	-2.0	21.0	34.7	1.0	-2.0	-2.0	21.0	33.0	2.0	-3.0	-3.0	21.0	32.9	3.0	-3.0	-2.0
72	22/05/2013 08.30	19.0	34.7	2.0	0.0	-2.0	19.0	34.7	1.0	-2.0	-2.0	19.0	33.0	2.0	-2.0	-3.0	19.0	32.9	3.0	-2.0	-1.0
73	31/05/2013 15.30	18.0	34.7	2.0	0.0	-2.0	18.0	34.7	2.0	-2.0	-2.0	18.0	33.0	3.0	-4.0	-4.0	18.0	32.9	2.0	-3.0	-2.0
74	07/06/2013 08.30	21.0	34.7	2.0	-1.0	-2.0	21.0	34.7	2.0	-1.0	-1.0	21.0	33.0	3.0	-2.0	-3.0	21.0	32.9	2.0	-3.0	-1.0
75	13/06/2013 14.30	28.0	34.7	3.0	0.0	-2.0	28.0	34.7	3.0	1.0	-2.0	28.0	33.0	4.0	-1.0	-3.0	28.0	32.9	3.0	-1.0	-2.0
76	18/06/2013 09.00	28.0	34.7	1.0	0.0	-1.0	28.0	34.7	2.0	0.0	-1.0	28.0	33.0	2.0	-2.0	-2.0	28.0	32.9	2.0	-2.0	-1.0
77	25/06/2013 18.00	28.0	34.7	2.0	1.0	-1.0	28.0	34.7	1.0	-1.0	-1.0	28.0	33.0	3.0	-1.0	-2.0	28.0	32.9	3.0	-3.0	-1.0
78	01/07/2013 07.30	22.0	34.7	2.0	0.0	-1.0	22.0	34.7	2.0	-1.0	-1.0	22.0	33.0	3.0	-2.0	-3.0	22.0	32.9	2.0	-2.0	-1.0
79	08/07/2013 17.30	25.0	34.7	2.0	1.0	-1.0	25.0	34.7	2.0	0.0	0.0	25.0	33.0	3.0	-2.0	-2.0	25.0	32.9	3.0	-1.0	-1.0
80	13/07/2013 07.30	25.0	34.7	2.0	-1.0	-1.0	25.0	34.7	2.0	-1.0	-1.0	25.0	33.0	3.0	-3.0	-1.0	25.0	32.9	3.0	-3.0	0.0
81	18/07/2013 07.30	25.0	34.7	3.0	0.0	-1.0	25.0	34.7	3.0	-1.0	-2.0	25.0	33.0	4.0	-3.0	-3.0	25.0	32.9	3.0	-3.0	-1.0
82	25/07/2013 18.00	27.0	34.7	3.0	0.0	-1.0	27.0	34.7	2.0	-1.0	1.0	27.0	33.0	3.0	-2.0	-1.0	27.0	32.9	2.0	-2.0	0.0
83	31/07/2013 09.00	27.0	34.7	3.0	0.0	0.0	27.0	34.7	3.0	-1.0	-1.0	27.0	33.0	3.0	-3.0	-2.0	27.0	32.9	3.0	-2.0	0.0
84	07/08/2013 09.00	29.0	34.7	3.0	0.0	0.0	29.0	34.7	3.0	-1.0	0.0	29.0	33.0	3.0	-2.0	-2.0	29.0	32.9	2.0	-2.0	0.0
85	13/08/2013 09.00	27.0	34.7	2.0	0.0	1.0	27.0	34.7	2.0	0.0	1.0	27.0	33.0	2.0	-1.0	-1.0	27.0	32.9	1.0	-2.0	0.0
86	21/08/2013 07.30	23.0	34.7	2.0	0.0	0.0	23.0	34.7	2.0	0.0	-1.0	23.0	33.0	2.0	-1.0	-3.0	23.0	32.9	2.0	-2.0	0.0
87	28/08/2013 10.30	25.0	34.7	3.0	0.0	-1.0	25.0	34.7	3.0	-1.0	-1.0	25.0	33.0	2.0	-3.0	-2.0	25.0	32.9	2.0	-1.0	-1.0
88	06/09/2013 17.30	29.0	34.7	3.0	0.0	0.0	29.0	34.7	2.0	0.0	-1.0	29.0	33.0	2.0	-1.0	-2.0	29.0	32.9	2.0	-2.0	-1.0
89	13/09/2013 07.30	18.0	34.7	3.0	0.0	-1.0	18.0	34.7	3.0	-1.0	-1.0	18.0	33.0	3.0	-2.0	-3.0	18.0	32.9	2.0	-1.0	-1.0
90	21/09/2013 09.30	21.0	34.7	3.0	0.0	-2.0	21.0	34.7	3.0	-1.0	-2.0	21.0	33.0	2.0	-2.0	-2.0	21.0	32.9	2.0	-3.0	-1.0
91	26/09/2013 09.30	18.0	34.7	3.0	0.0	0.0	18.0	34.7	3.0	-2.0	-2.0	18.0	33.0	2.0	-2.0	-2.0	18.0	32.9	2.0	-2.0	0.0
92	03/10/2013 16.30	20.0	34.7	3.0	0.0	-1.0	20.0	34.7	3.0	0.0	-1.0	20.0	33.0	2.0	-1.0	-3.0	20.0	32.9	2.0	-2.0	-1.0
93	10/10/2013 08.30	16.0	34.7	3.0	0.0	-1.0	16.0	34.7	3.0	-1.0	-1.0	16.0	33.0	2.0	-1.0	-1.0	16.0	32.9	2.0	-1.0	1.0
94	16/10/2013 14.30	23.0	34.7	3.0	0.0	0.0	23.0	34.7	3.0	-1.0	-1.0	23.0	33.0	2.0	-3.0	-2.0	23.0	32.9	2.0	-3.0	0.0
95	24/10/2013 08.30	18.0	34.7	3.0	2.0	0.0	18.0	34.7	3.0	-1.0	-1.0	18.0	33.0	2.0	-2.0	-1.0	18.0	32.9	2.0	-1.0	1.0
96	31/10/2013 14.30	23.0	34.7	3.0	1.0	-1.0	23.0	34.7	3.0	0.0	0.0	23.0	33.0	2.0	-2.0	-1.0	23.0	32.9	2.0	-2.0	0.0
97	07/11/2013 08.30	11.0	34.7	3.0	1.0	0.0	11.0	34.7	3.0	0.0	0.0	11.0	33.0	2.0	-2.0	-1.0	11.0	32.9	2.0	-1.0	0.0
98	14/11/2013 14.30	20.0	34.7	3.0	1.0	0.0	20.0	34.7	3.0	0.0	0.0	20.0	33.0	2.0	-2.0	-2.0	20.0	32.9	2.0	-1.0	1.0
99	25/11/2013 15.30	12.0	34.7	3.0	1.0	-1.0	12.0	34.7	3.0	-1.0	-1.0	12.0	33.0	3.0	-3.0	-1.0	12.0	32.9	2.0	-1.0	1.0
100	30/11/2013 08.30	7.0	34.7	3.0	1.0	-1.0	7.0	34.7	3.0	0.0	-1.0	7.0	33.0	3.0	-1.0	-2.0	7.0	32.9	2.0	-1.0	0.0
101	05/12/2013 08.30	7.0	34.7	3.0	1.0	0.0	7.0	34.7	3.0												



Ubicazione STAZIONE CHIAIA
Opera \ \ 1 Ordine di Tiranti \ 01-
Tipo Strumento Mire Ottiche
Data posa in opera 13/09/2011
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UBICAZIONE

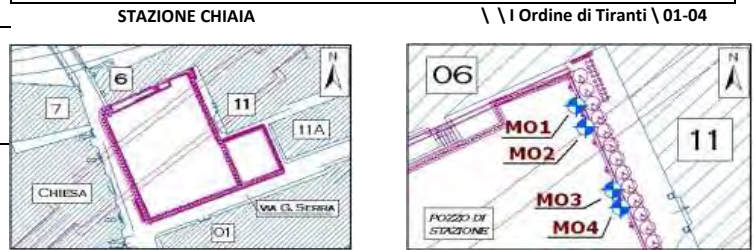


GRAFICO QUOTA

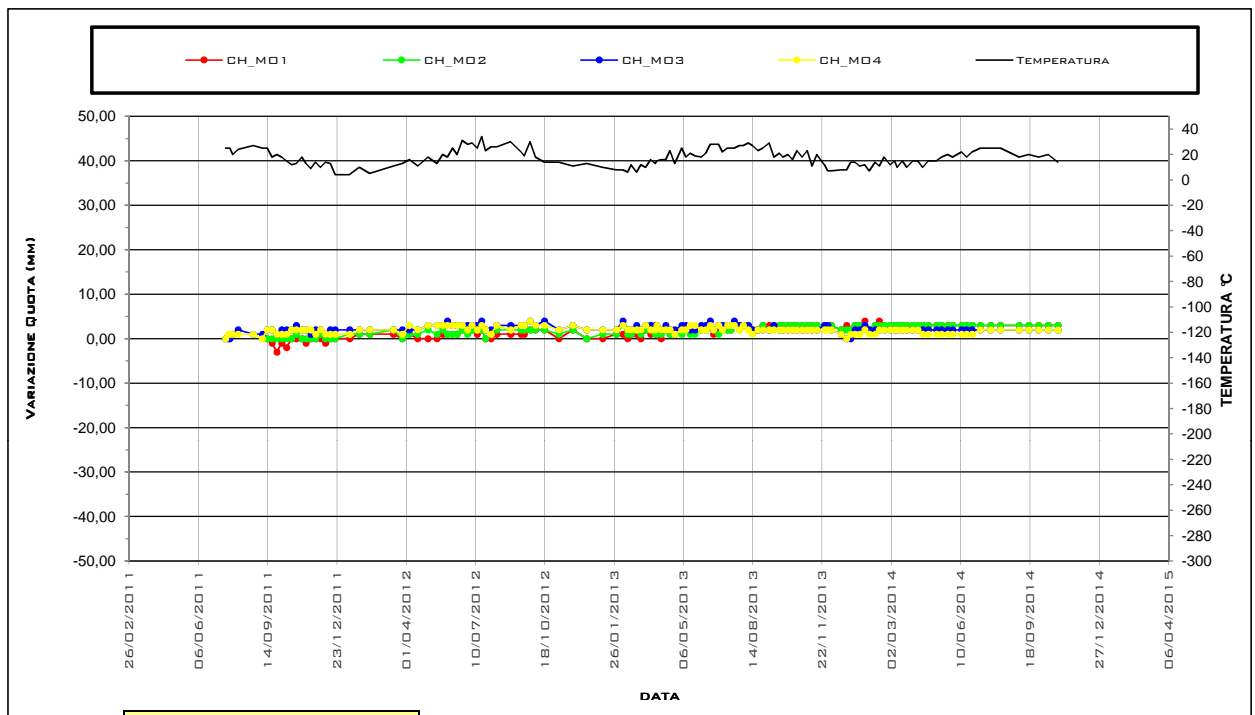
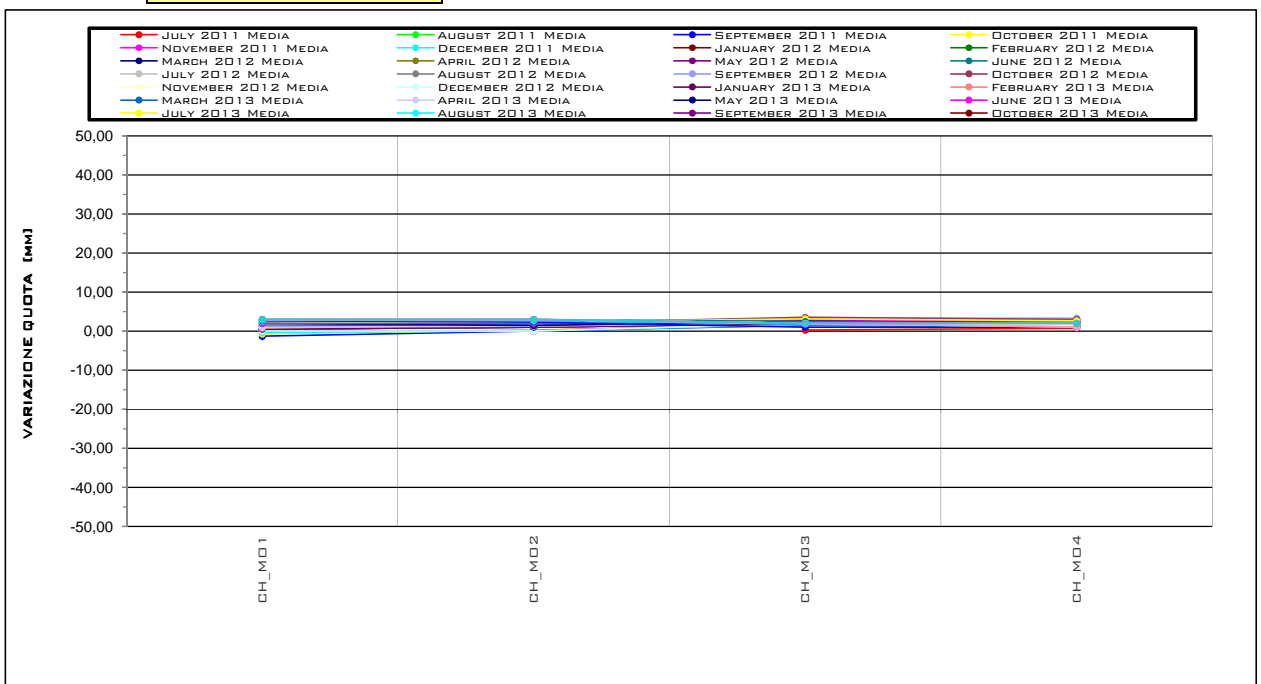


GRAFICO ISOCRONE





Ubicazione STAZIONE CHIAIA
Opera \ \ 1 Ordine di Tiranti \ 01-
Tipo Strumento Mire Ottiche
Data posa in opera 13/09/2011
Data lettura di zero 13/09/2011

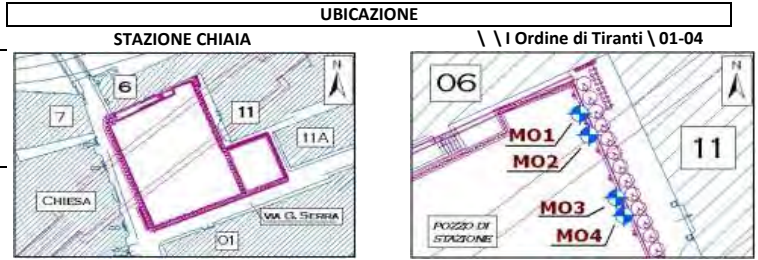


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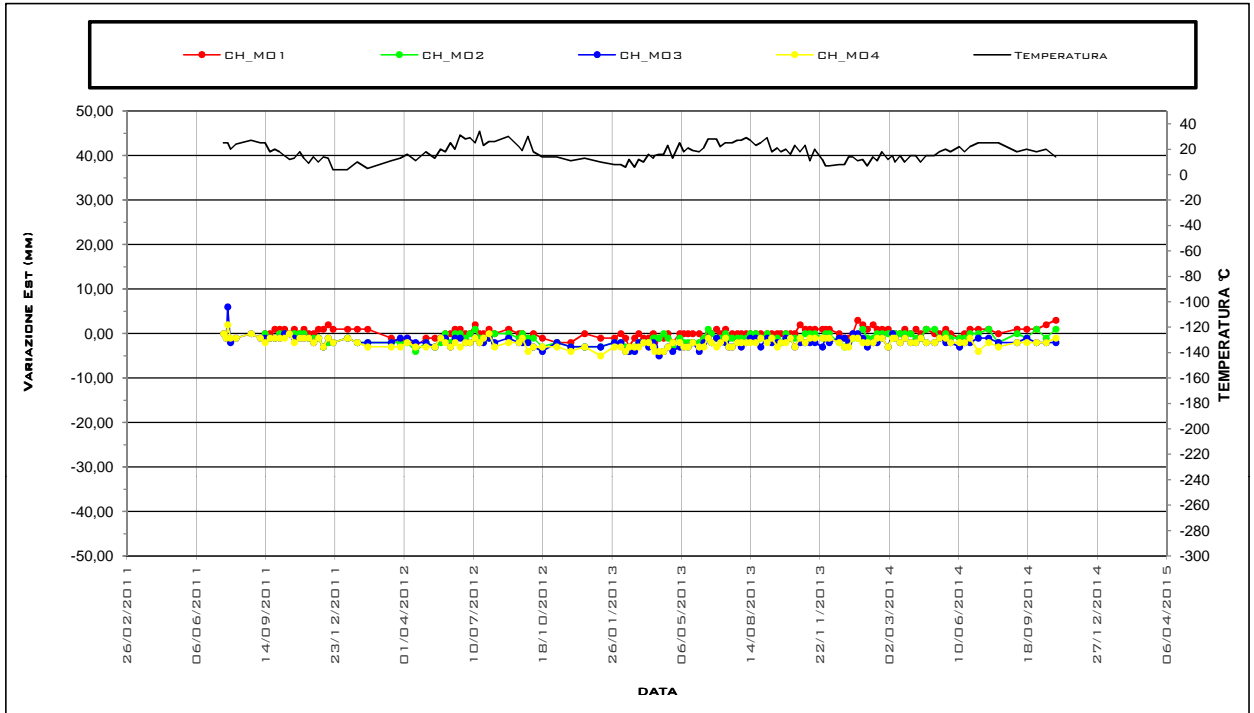
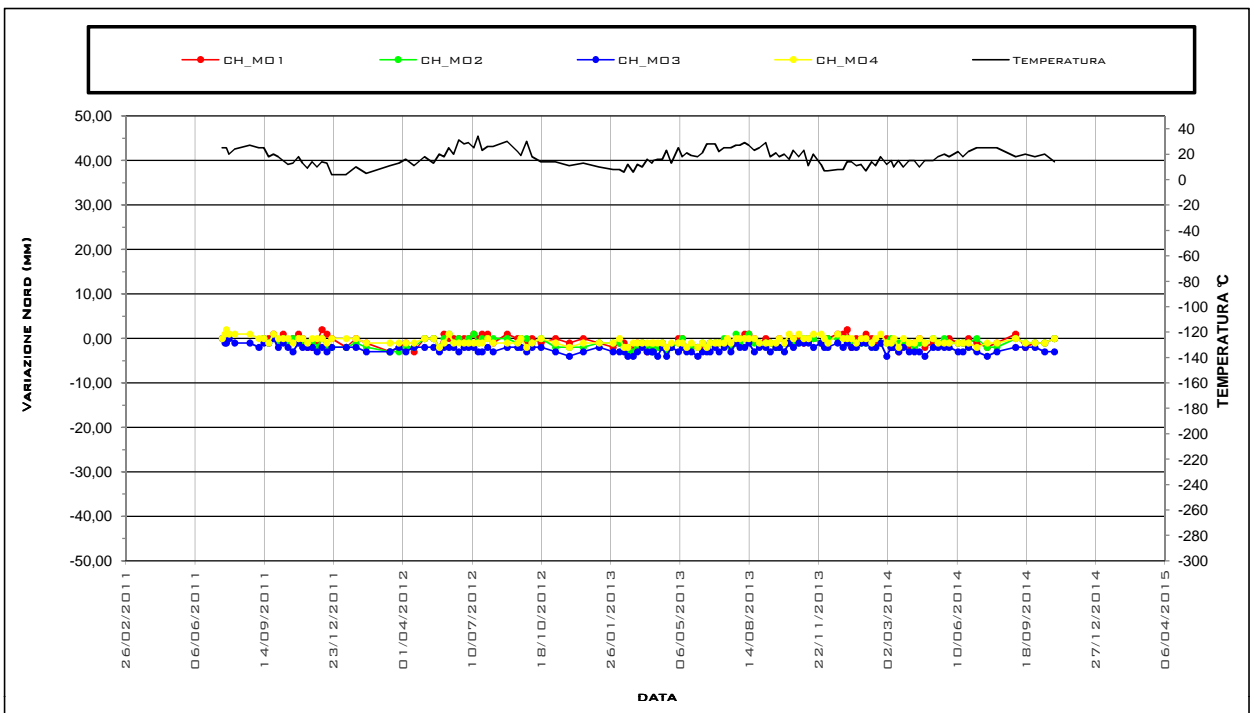


GRAFICO NORD





Ubicazione STAZIONE CHIAIA

Opera \ \ Ordine di Tiranti \ 05-08

Tipo Strumento Mire Ottiche

Data posa in opera 15/07/2011

Data lettura di zero 15/07/2011

Ultima Misura 134 in data 28/10/2014

Letto. n°	DATA	CH_M05					CH_M06					CH_M07					CH_M08				
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44	29/08/2012 16.00	30,0	33,2	1,0	-2,0	2,0	30,0	33,2	1,0	-2,0	3,0	30,0	33,1	-1,0	-5,0	3,0	30,0	33,1	-2,0	-6,0	2,0
45	13/09/2012 15.00	22,0	33,2	1,0	-1,0	4,0	22,0	33,2	1,0	-2,0	5,0	22,0	33,1	-1,0	-5,0	4,0	22,0	33,1	-1,0	-6,0	5,0
46	18/09/2012 08.00	19,0	33,2	1,0	-1,0	4,0	19,0	33,2	1,0	0,0	6,0	19,0	33,1	-2,0	-5,0	4,0	19,0	33,1	-1,0	-5,0	6,0
47	26/09/2012 15.00	30,0	33,2	2,0	-2,0	4,0	30,0	33,2	1,0	-1,0	4,0	30,0	33,1	-1,0	-4,0	4,0	30,0	33,1	-1,0	-5,0	4,0
48	04/10/2012 09.00	18,0	33,2	2,0	-4,0	2,0	18,0	33,2	1,0	-3,0	3,0	18,0	33,1	-2,0	-5,0	5,0	18,0	33,1	-1,0	-7,0	4,0
49	17/10/2012 08.30	14,0	33,2	3,0	-2,0	4,0	14,0	33,2	3,0	-1,0	5,0	14,0	33,1	-4,0	-5,0	4,0	14,0	33,1	-3,0	-5,0	5,0
50	07/11/2012 08.30	14,0	33,2	1,0	-1,0	3,0	14,0	33,2	2,0	-1,0	4,0	14,0	33,1	-3,0	-4,0	5,0	14,0	33,1	-2,0	-4,0	6,0
51	27/11/2012 08.30	11,0	33,2	2,0	-6,0	2,0	11,0	33,2	2,0	-5,0	3,0	11,0	33,1	-3,0	-5,0	6,0	11,0	33,1	-2,0	-6,0	5,0
52	17/12/2012 08.30	13,0	33,2	1,0	-3,0	4,0	13,0	33,2	2,0	-2,0	5,0	13,0	33,1	-5,0	-6,0	5,0	13,0	33,1	-4,0	-6,0	4,0
53	09/01/2013 08.30	10,0	33,2	1,0	-6,0	3,0	10,0	33,2	2,0	-6,0	3,0	10,0	33,1	-4,0	-5,0	5,0	10,0	33,1	-3,0	-5,0	5,0
54	29/01/2013 08.30	8,0	33,2	1,0	-3,0	4,0	8,0	33,2	2,0	-3,0	4,0	8,0	33,1	-4,0	-5,0	5,0	8,0	33,1	-3,0	-5,0	5,0
55	07/02/2013 15.00	8,0	33,2	2,0	-3,0	3,0	8,0	33,2	2,0	-4,0	5,0	8,0	33,1	-3,0	-5,0	2,0	8,0	33,1	-2,0	-6,0	3,0
56	14/02/2013 08.30	6,0	33,2	1,0	-4,0	3,0	6,0	33,2	2,0	-4,0	5,0	6,0	33,1	-2,0	-5,0	5,0	6,0	33,1	-2,0	-6,0	5,0
57	19/02/2013 15.30	12,0	33,2	2,0	-1,0	5,0	12,0	33,2	2,0	-1,0	5,0	12,0	33,1	-4,0	-5,0	4,0	12,0	33,1	-3,0	-5,0	4,0
58	27/02/2013 08.30	6,0	33,2	2,0	-3,0	3,0	6,0	33,2	1,0	-4,0	4,0	6,0	33,1	-2,0	-7,0	1,0	6,0	33,1	-2,0	-8,0	1,0
59	05/03/2013 10.30	12,0	33,2	1,0	-1,0	4,0	12,0	33,2	1,0	-2,0	6,0	12,0	33,1	-3,0	-4,0	3,0	12,0	33,1	-2,0	-5,0	5,0
60	12/03/2013 08.30	10,0	33,2	1,0	-2,0	4,0	10,0	33,2	3,0	-2,0	5,0	10,0	33,1	-3,0	-6,0	3,0	10,0	33,1	-2,0	-6,0	4,0
61	19/03/2013 16.00	16,0	33,2	2,0	0,0	5,0	16,0	33,2	2,0	0,0	6,0	16,0	33,1	-2,0	-6,0	3,0	16,0	33,1	-1,0	-7,0	3,0
62	26/03/2013 08.30	13,0	33,2	1,0	-3,0	3,0	13,0	33,2	2,0	-3,0	4,0	13,0	33,1	-3,0	-5,0	0,0	13,0	33,1	-2,0	-6,0	2,0
63	28/03/2013 11.00	15,0	33,2	1,0	-2,0	4,0	15,0	33,2	2,0	-2,0	6,0	15,0	33,1	-3,0	-5,0	2,0	15,0	33,1	-3,0	-7,0	-1,0
64	03/04/2013 17.30	16,0	33,2	1,0	-1,0	5,0	16,0	33,2	1,0	-2,0	6,0	16,0	33,1	-2,0	-5,0	2,0	16,0	33,1	-1,0	-5,0	2,0
65	10/04/2013 10.30	16,0	33,2	2,0	-3,0	5,0	16,0	33,2	2,0	-2,0	6,0	16,0	33,1	-2,0	-5,0	3,0	16,0	33,1	-2,0	-5,0	4,0
66	16/04/2013 15.00	23,0	33,2	0,0	2,0	4,0	23,0	33,2	1,0	-3,0	6,0	23,0	33,1	-1,0	-6,0	2,0	23,0	33,1	-1,0	-6,0	2,0
67	23/04/2013 08.30	13,0	33,2	2,0	0,0	5,0	13,0	33,2	1,0	0,0	6,0	13,0	33,1	-2,0	-5,0	2,0	13,0	33,1	-3,0	-6,0	3,0
68	03/05/2013 14.30	25,0	33,2	2,0	3,0	5,0	25,0	33,2	1,0	3,0	6,0	25,0	33,1	-2,0	-4,0	1,0	25,0	33,1	-1,0	-5,0	2,0
69	09/05/2013 08.30	18,0	33,2	2,0	-2,0	5,0	18,0	33,2	1,0	0,0	6,0	18,0	33,1	-1,0	-4,0	2,0	18,0	33,1	-1,0	-5,0	3,0
70	15/05/2013 14.30	21,0	33,2	1,0	3,0	5,0	21,0	33,2	2,0	1,0	6,0	21,0	33,1	-1,0	-6,0	-1,0	21,0	33,1	0,0	-7,0	0,0
71	22/05/2013 08.30	19,0	33,2	1,0	1,0	5,0	19,0	33,2	2,0	2,0	5,0	19,0	33,1	-2,0	-7,0	2,0	19,0	33,1	-2,0	-7,0	2,0
72	31/05/2013 15.30	18,0	33,2	2,0	0,0	3,0	18,0	33,2	3,0	-1,0	4,0	18,0	33,1	-3,0	-5,0	4,0	18,0	33,1	-2,0	-6,0	4,0
73	07/06/2013 08.30	21,0	33,2	1,0	0,0	4,0	21,0	33,2	1,0	1,0	6,0	21,0	33,1	-2,0	-6,0	1,0	21,0	33,1	-2,0	-6,0	2,0
74	13/06/2013 14.30	28,0	33,2	2,0	4,0	4,0	28,0	33,2	2,0	3,0	6,0	28,0	33,1	-1,0	-6,0	2,0	28,0	33,1	0,0	-6,0	3,0
75	18/06/2013 09.00	28,0	33,2	1,0	2,0	5,0	28,0	33,2	1,0	2,0	7,0	28,0	33,1	-1,0	-6,0	3,0	28,0	33,1	0,0	-7,0	3,0
76	25/06/2013 18.00	28,0	33,2	2,0	3,0	6,0	28,0	33,2	2,0	3,0	6,0	28,0	33,1	-1,0	-6,0	2,0	28,0	33,1	0,0	-7,0	4,0
77	01/07/2013 07.30	22,0	33,2	2,0	4,0	6,0	22,0	33,2	2,0	3,0	6,0	22,0	33,1	0,0	-8,0	0,0	22,0	33,1	0,0	-8,0	2,0
78	08/07/2013 17.30	25,0	33,2	2,0	3,0	5,0	25,0	33,2	1,0	0,0	6,0	25,0	33,1	1,0	-10,0	0,0	25,0	33,1	1,0	-10,0	0,0
79	13/07/2013 07.30	25,0	33,2	4,0	2,0	5,0	25,0	33,2	1,0	-1,0	8,0	25,0	33,1	-1,0	-9,0	2,0	25,0	33,1	0,0	-9,0	3,0
80	18/07/2013 07.30	25,0	33,2	3,0	2,0	5,0	25,0	33,2	1,0	-1,0	7,0	25,0	33,1	1,0	-8,0	2,0	25,0	33,1	2,0	-8,0	3,0
81	25/07/2013 18.00	27,0	33,2	3,0	4,0	6,0	27,0	33,2	1,0	0,0	8,0	27,0	33,1	0,0	-8,0	1,0	27,0	33,1	0,0	-8,0	3,0
82	31/07/2013 09.00	27,0	33,2	3,0	3,0	6,0	27,0	33,2	1,0	0,0	9,0	27,0	33,1	0,0	-7,0	2,0	27,0	33,1	1,0	-7,0	5,0
83	07/08/2013 09.00	29,0	33,2	2,0	3,0	6,0	29,0	33,2	0,0	0,0	9,0	29,0	33,1	0,0	-7,0	2,0	29,0	33,1	1,0	-7,0	3,0
84	13/08/2013 09.00	27,0	33,2	2,0	3,0	5,0	27,0	33,2	0,0	0,0	8,0	27,0	33,1	-1,0	-7,0	2,0	27,0	33,1	0,0	-8,0	2,0
85	21/08/2013 07.30	23,0	33,2	5,0	4,0	6,0	23,0	33,2	2,0	1,0	9,0	23,0	33,1	0,0	-7,0	2,0	23,0	33,1	0,0	-8,0	3,0
86	28/08/2013 10.30	25,0	33,2	4,0	4,0	5,0	25,0	33,2	2,0	1,0	8,0	25,0	33,1	1,0	-9,0	5,0	25,0	33,1	1,0	-10,0	5,0
87	06/09/2013 17.30						29,0	33,2	2,0	2,0	7,0	29,0	33,1	0,0	-8,0	2,0	29,0	33,1	1,0	-9,0	4,0
88	13/09/2013 07.30	18,0	33,2	4,0	7,0	9,0	18,0	33,2	2,0	2,0	9,0	18,0	33,1	0,0	-7,0	2,0	18,0	33,1	1,0	-8,0	4,0
89	21/09/2013 09.30	21,0	33,2	4,0	6,0	7,0	21,0	33,2	3,0	0,0	7,0	21,0	33,1	0,0	-8,0	3,0	21,0	33,1	0,0	-8,0	4,0
90	26/09/2013 09.30	18,0	33,2	4,0	5,0	6,0	18,0	33,2	2,0	1,0	8,0	18,0	33,1	0,0	-9,0	2,0	18,0	33,1	0,0	-10,0	3,0
91	03/10/2013 16.30	20,0	33,2	4,0	7,0	4,0	20,0	33,2	2,0	3,0	7,0	20,0	33,1	1,0	-8,0	5,0	20,0	33,1	1,0	-8,0	5,0
92	10/10/2013 08.30	16,0	33,2	4,0	6,0	7,0	16,0	33,2	3,0	2,0	10,0	16,0	33,1	0,0	-9,0	3,0	16,0	33,1	1,0	-9,0	4,0
93	16/10/2013 14.30	23,0	33,2	4,0	2,0	6,0	23,0	33,2	2,0	0,0	9,0	23,0	33,1	-2,0	-9,0	3,0	23,0	33,1	-1,0	-9,0	5,0
94	24/10/2013 08.30	18,0	33,2	4,0	3,0	6,0	18,0	33,2	2,0	2,0	9,0	18,0	33,1	-2,0	-8,0	3,0	18,0	33,1	-1,0	-8,0	4,0
95	31/10/2013 14.30	23,0	33,2	5,0	4,0	6,0	23,0	33,2	3,0	2,0	9,0	23,0	33,1	-2,0	-9,0	3,0	23,0	33,1	-1,0	-9,0	3,0
96	07/11/2013 08.30	11,0	33,2	5,0	2,0	6,0	11,0	33,2	3,0	-1,0	9,0	11,0	33,1	-2,0	-9,0	2,0	11,0	33,1	-1,0	-9,0	3,0
97	14/11/2013 14.30	20,0	33,2	5,0	4,0	7,0	20,0	33,2	3,0	2,0	11,0	20,0	33,1	-1,0	-9,0	3,0	20,0	33,1	0,0	-10,0	5,0
98	25/11/2013 15.30	12,0	33,2	5,0	4,0	7,0	12,0	33,2	3,0	1,0	11,0	12,0	33,1	-1,0	-8,0	2,0	12,0	33,1	0,0	-8,0	3,0
99	30/11/2013 08.30	7,0	33,2	5,0	6,0	7,0	7,0	33,2	3,0	3,0	11,0	7,0	33,1	-1,0	-7,0	4,0	7,0	33,1	-1,0	-9,0	3,0
100	05/12/2013 08.30	7,0	33,2	5,0	3,0	6,0	7,0	33,2	3,0	1,0	10,0	7,0	33,1	-1,0	-9,0	4,0	7,0	33,1	0,0</		



Ubicazione STAZIONE CHIAIA
Opera \ \ I Ordine di Tiranti \ 05-
Tipo Strumento Mire Ottiche
Data posa in opera 15/07/2011
Data lettura di zero 15/07/2011

GRAFICO QUOTA

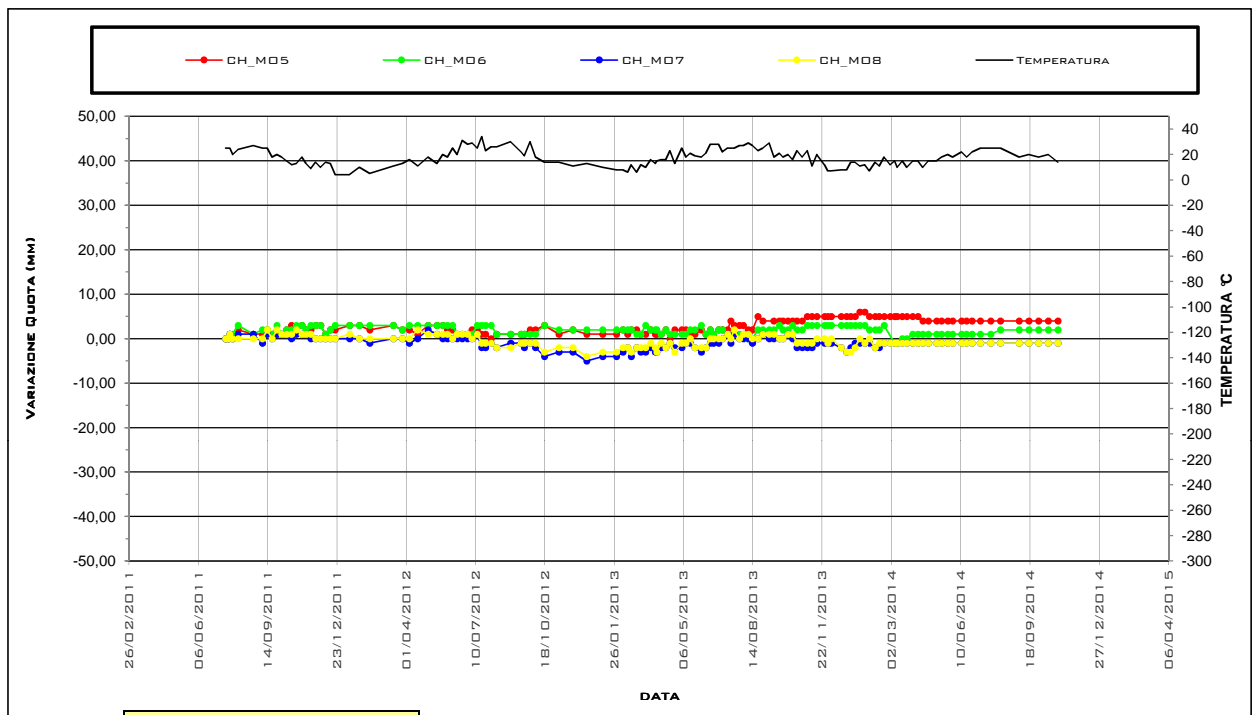
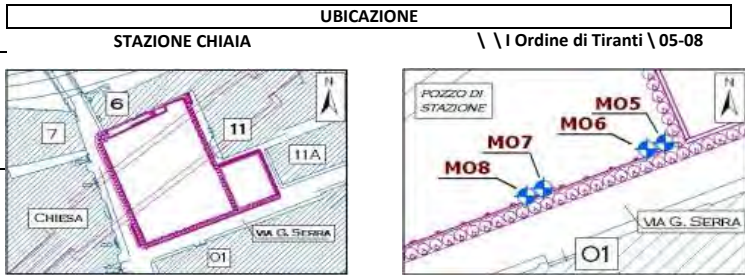
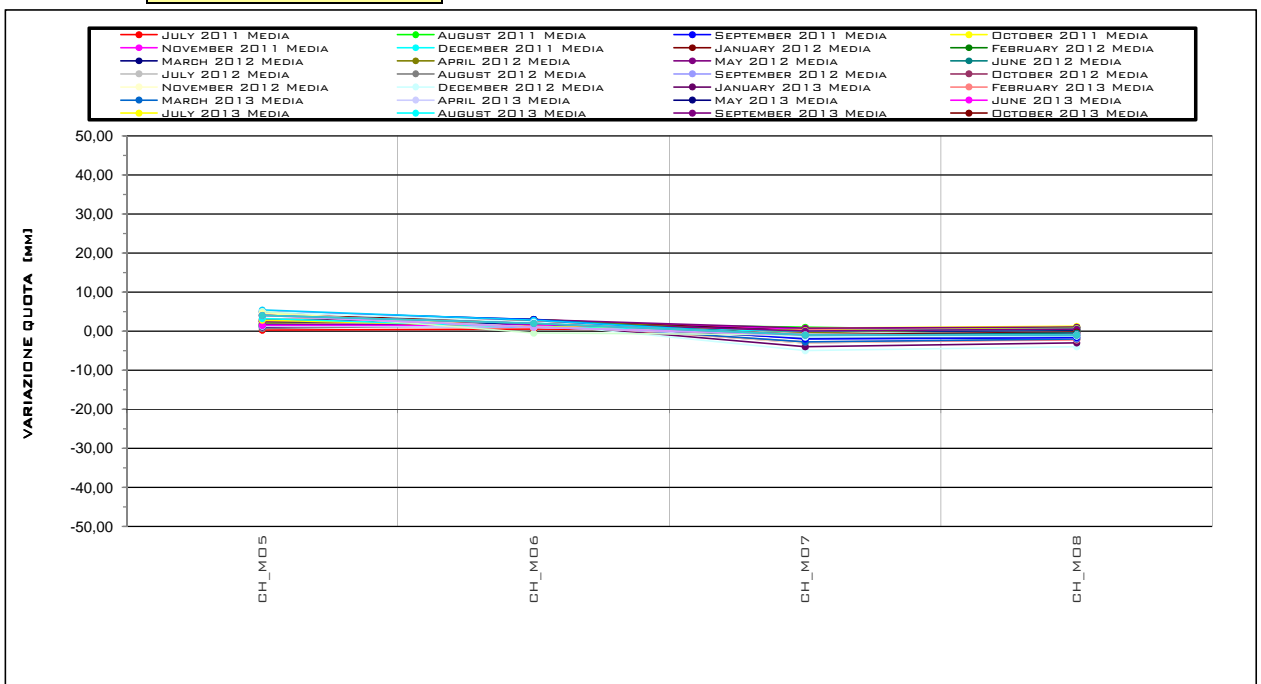


GRAFICO ISOCRONE





Ubicazione STAZIONE CHIAIA
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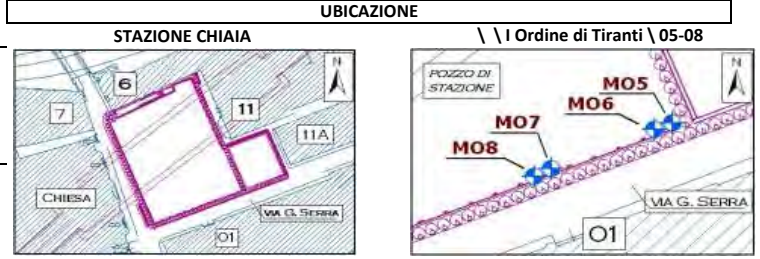


GRAFICO EST

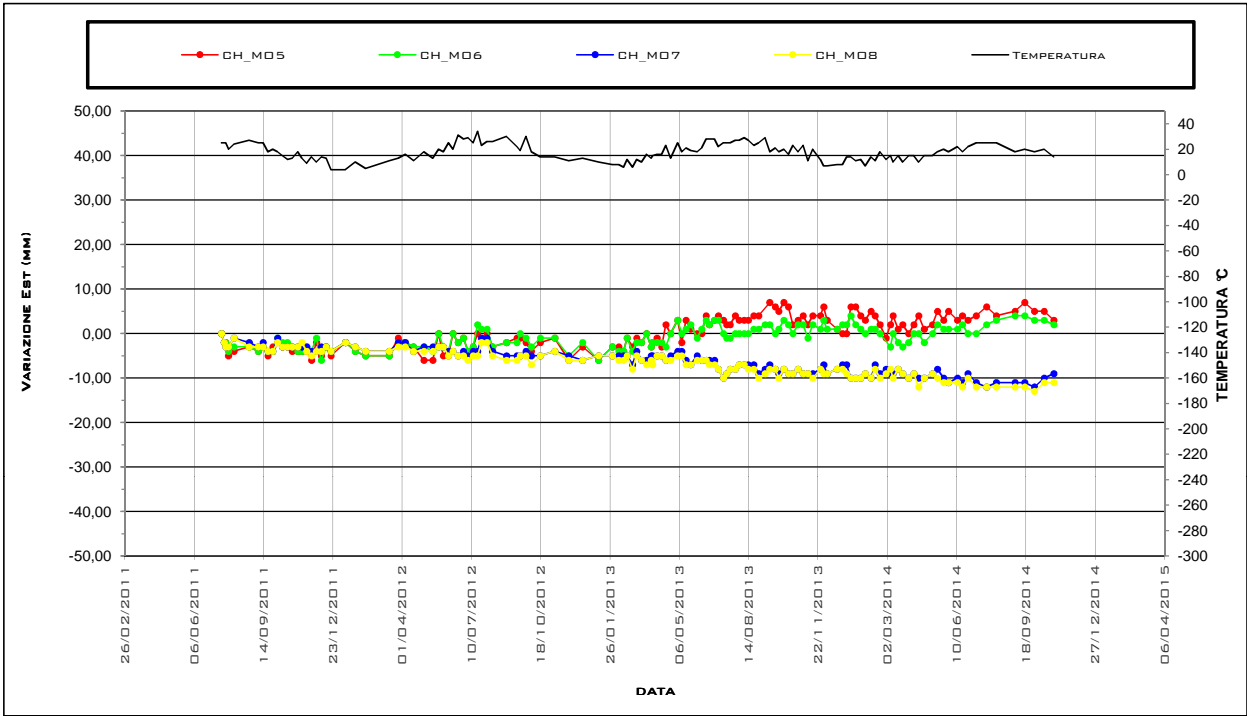
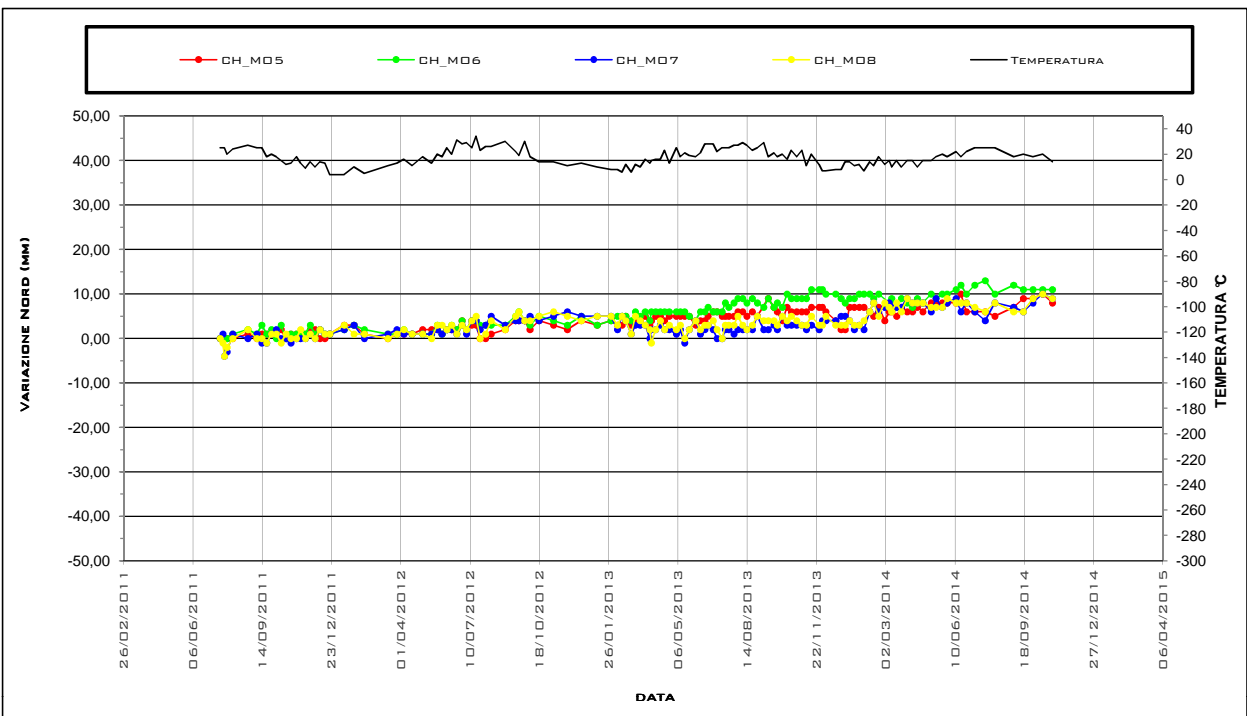


GRAFICO NORD





Ubicazione STAZIONE CHIAIA

Opera \ \ Ordine di Tiranti \ 09-12

Tipo Strumento Mire Ottiche

Data posa in opera 15/07/2011

Data lettura di zero 15/07/2011

Ultima Misura 134 in data 28/10/2014

Lett. n°	DATA	CH_M010					CH_M011					CH_M012					CH_M09				
		Temp. Media [°C]	Quota [m]	Quota Spost. [mm]	Est Spost. [mm]	Nord Spost. [mm]	Temp. Media [°C]	Quota [m]	Quota Spost. [mm]	Est Spost. [mm]	Nord Spost. [mm]	Temp. Media [°C]	Quota [m]	Quota Spost. [mm]	Est Spost. [mm]	Nord Spost. [mm]	Temp. Media [°C]	Quota [m]	Quota Spost. [mm]	Est Spost. [mm]	Nord Spost. [mm]
44	29/08/2012 16.00	30,0	34,1	-1,0	-5,0	1,0	30,0	34,0	-1,0	-1,0	0,0	30,0	34,0	0,0	-2,0	1,0	30,0	34,1	0,0	-4,0	1,0
45	13/09/2012 15.00	22,0	34,1	-1,0	-4,0	2,0	22,0	34,0	-1,0	-2,0	1,0	22,0	34,0	0,0	-2,0	2,0	22,0	34,1	0,0	-3,0	3,0
46	18/09/2012 08.00	19,0	34,1	-2,0	-4,0	3,0	19,0	34,0	-1,0	-1,0	2,0	19,0	34,0	0,0	-1,0	3,0	19,0	34,1	0,0	-3,0	3,0
47	26/09/2012 15.00	30,0	34,1	-1,0	-4,0	2,0	30,0	34,0	0,0	-1,0	1,0	30,0	34,0	0,0	-1,0	1,0	30,0	34,1	0,0	-3,0	2,0
48	04/10/2012 09.00	18,0	34,1	-2,0	-4,0	2,0	18,0	34,0	-1,0	-2,0	2,0	18,0	34,0	0,0	-2,0	3,0	18,0	34,1	0,0	-4,0	2,0
49	17/10/2012 08.30	14,0	34,1	-3,0	-3,0	2,0	14,0	34,0	-2,0	0,0	2,0	14,0	34,0	-2,0	-1,0	3,0	14,0	34,1	-2,0	-2,0	3,0
50	07/11/2012 08.30	14,0	34,1	-2,0	-3,0	3,0	14,0	34,0	-2,0	0,0	2,0	14,0	34,0	0,0	0,0	3,0	14,0	34,1	-1,0	-2,0	3,0
51	27/11/2012 08.30	11,0	34,1	-2,0	-3,0	3,0	11,0	34,0	-2,0	0,0	3,0	11,0	34,0	-1,0	-1,0	3,0	11,0	34,1	0,0	-2,0	4,0
52	17/12/2012 08.30	13,0	34,1	-3,0	-5,0	3,0	13,0	34,0	-3,0	-1,0	2,0	13,0	34,0	-3,0	-2,0	3,0	13,0	34,1	-3,0	-3,0	5,0
53	09/01/2013 08.30	10,0	34,1	-3,0	-3,0	2,0	10,0	34,0	-2,0	-1,0	2,0	10,0	34,0	-2,0	-2,0	2,0	10,0	34,1	-2,0	-4,0	3,0
54	29/01/2013 08.30	8,0	34,1	-3,0	-3,0	4,0	8,0	34,0	-2,0	-1,0	3,0	8,0	34,0	-2,0	-2,0	3,0	8,0	34,1	-2,0	-3,0	5,0
55	07/02/2013 15.00	8,0	34,1	-1,0	-4,0	2,0	8,0	34,0	-1,0	0,0	2,0	8,0	34,0	-1,0	-1,0	2,0	8,0	34,1	0,0	-3,0	2,0
56	14/02/2013 08.30	6,0	34,1	-1,0	-3,0	4,0	6,0	34,0	-1,0	0,0	3,0	6,0	34,0	-1,0	0,0	5,0	6,0	34,1	0,0	-2,0	4,0
57	19/02/2013 15.30	12,0	34,1	-2,0	-3,0	3,0	12,0	34,0	-2,0	0,0	3,0	12,0	34,0	-2,0	0,0	4,0	12,0	34,1	-1,0	-1,0	4,0
58	27/02/2013 08.30	6,0	34,1	-1,0	-6,0	1,0	6,0	34,0	0,0	-1,0	1,0	6,0	34,0	0,0	-2,0	2,0	6,0	34,1	0,0	-4,0	1,0
59	05/03/2013 10.30	12,0	34,1	-2,0	-3,0	2,0										12,0	34,1	-1,0	-2,0	3,0	
60	12/03/2013 08.30	10,0	34,1	-2,0	-5,0	2,0										10,0	34,1	-1,0	-4,0	3,0	
61	19/03/2013 16.00	16,0	34,1	-1,0	-4,0	2,0										16,0	34,1	1,0	-4,0	3,0	
62	26/03/2013 08.30	13,0	34,1	-2,0	-3,0	-1,0										13,0	34,1	-1,0	-2,0	1,0	
63	28/03/2013 11.00	15,0	34,1	-2,0	-4,0	0,0										15,0	34,1	-1,0	-3,0	2,0	
64	03/04/2013 17.30	16,0	34,1	-2,0	-4,0	1,0	16,0	34,0	-1,0	1,0	1,0	16,0	34,0	-2,0	0,0	3,0	16,0	34,1	0,0	-3,0	2,0
65	10/04/2013 10.30	16,0	34,1	-1,0	-3,0	2,0	16,0	34,0	-1,0	1,0	1,0	16,0	34,0	-2,0	0,0	2,0	16,0	34,1	0,0	-3,0	2,0
66	16/04/2013 15.00	23,0	34,1	0,0	-4,0	0,0	23,0	34,0	0,0	0,0	0,0	23,0	34,0	0,0	0,0	0,0	23,0	34,1	0,0	-3,0	0,0
67	23/04/2013 08.30	13,0	34,1	-2,0	-3,0	1,0	13,0	34,0	-2,0	1,0	1,0	13,0	34,0	-2,0	1,0	1,0	13,0	34,1	-1,0	-2,0	2,0
68	03/05/2013 14.30	25,0	34,1	-1,0	-3,0	1,0	25,0	34,0	-1,0	1,0	2,0	25,0	34,0	0,0	2,0	2,0	25,0	34,1	0,0	-2,0	0,0
69	09/05/2013 08.30	18,0	34,1	0,0	-4,0	1,0	18,0	34,0	-1,0	1,0	1,0	18,0	34,0	-1,0	1,0	2,0	18,0	34,1	0,0	-3,0	1,0
70	15/05/2013 14.30	21,0	34,1	0,0	-5,0	-1,0	21,0	34,0	0,0	0,0	0,0	21,0	34,0	0,0	0,0	0,0	21,0	34,1	1,0	-3,0	-1,0
71	22/05/2013 08.30	19,0	34,1	-1,0	-5,0	0,0	19,0	34,0	0,0	-1,0	1,0	19,0	34,0	0,0	0,0	1,0	19,0	34,1	0,0	-5,0	1,0
72	31/05/2013 15.30	18,0	34,1	-2,0	-3,0	2,0	18,0	34,0	-2,0	1,0	2,0	18,0	34,0	-2,0	0,0	3,0	18,0	34,1	-1,0	-3,0	3,0
73	07/06/2013 08.30	21,0	34,1	-2,0	-4,0	2,0	21,0	34,0	-2,0	0,0	1,0	21,0	34,0	-2,0	0,0	2,0	21,0	34,1	-1,0	-4,0	2,0
74	13/06/2013 14.30	28,0	34,1	0,0	-4,0	1,0	28,0	34,0	-1,0	1,0	1,0	28,0	34,0	0,0	2,0	2,0	28,0	34,1	1,0	-3,0	2,0
75	18/06/2013 09.00	28,0	34,1	0,0	-5,0	1,0	28,0	34,0	-1,0	1,0	1,0	28,0	34,0	-1,0	1,0	1,0	28,0	34,1	0,0	-4,0	2,0
76	25/06/2013 18.00	28,0	34,1	-1,0	-5,0	1,0	28,0	34,0	-2,0	1,0	1,0	28,0	34,0	-2,0	1,0	1,0	28,0	34,1	1,0	-5,0	1,0
77	01/07/2013 07.30	22,0	34,1	0,0	-6,0	1,0	22,0	34,0	-2,0	0,0	1,0	22,0	34,0	-2,0	0,0	1,0	22,0	34,1	0,0	-4,0	1,0
78	08/07/2013 17.30	25,0	34,1	1,0	-8,0	0,0	25,0	34,0	0,0	-2,0	0,0	25,0	34,0	0,0	-1,0	1,0	25,0	34,1	2,0	-7,0	0,0
79	13/07/2013 07.30	25,0	34,1	0,0	-6,0	1,0	25,0	34,0	-2,0	0,0	2,0	25,0	34,0	-2,0	0,0	1,0	25,0	34,1	0,0	-7,0	2,0
80	18/07/2013 07.30	25,0	34,1	1,0	-6,0	0,0	25,0	34,0	-1,0	1,0	1,0	25,0	34,0	0,0	1,0	1,0	25,0	34,1	2,0	-5,0	0,0
81	25/07/2013 18.00	27,0	34,1	0,0	-6,0	1,0	27,0	34,0	-1,0	1,0	1,0	27,0	34,0	-1,0	1,0	1,0	27,0	34,1	1,0	-6,0	2,0
82	31/07/2013 09.00	27,0	34,1	0,0	-5,0	1,0	27,0	34,0	-1,0	1,0	0,0	27,0	34,0	-1,0	1,0	2,0	27,0	34,1	1,0	-4,0	2,0
83	07/08/2013 09.00	29,0	34,1	0,0	-5,0	0,0	29,0	34,0	-1,0	1,0	0,0	29,0	34,0	-2,0	1,0	2,0	29,0	34,1	1,0	-4,0	1,0
84	13/08/2013 09.00	27,0	34,1	-1,0	-6,0	-1,0	27,0	34,0	-2,0	1,0	1,0	27,0	34,0	-3,0	0,0	1,0	27,0	34,1	0,0	-5,0	0,0
85	21/08/2013 07.30	23,0	34,1	0,0	-5,0	1,0	23,0	34,0	-1,0	1,0	1,0	23,0	34,0	-2,0	2,0	2,0	23,0	34,1	1,0	-5,0	2,0
86	28/08/2013 10.30	25,0	34,1	1,0	-7,0	3,0	25,0	34,0	0,0	-1,0	4,0	25,0	34,0	0,0	-1,0	4,0	25,0	34,1	2,0	-6,0	5,0
87	06/09/2013 17.30	29,0	34,1	0,0	-7,0	1,0	29,0	34,0	-1,0	-1,0	1,0	29,0	34,0	-1,0	1,0	1,0	29,0	34,1	1,0	-6,0	2,0
88	13/09/2013 07.30	18,0	34,1	0,0	-5,0	2,0	18,0	34,0	-1,0	1,0	1,0	18,0	34,0	-1,0	1,0	1,0	18,0	34,1	1,0	-5,0	1,0
89	21/09/2013 09.00	21,0	34,1	0,0	-6,0	1,0	21,0	34,0	-3,0	0,0	1,0	21,0	34,0	-2,0	1,0	1,0	21,0	34,1	0,0	-5,0	2,0
90	26/09/2013 09.30	18,0	34,1	0,0	-7,0	1,0	18,0	34,0	-2,0	-1,0	1,0	18,0	34,0	-2,0	-1,0	2,0	18,0	34,1	0,0	-6,0	1,0
91	03/10/2013 16.30	20,0	34,1	0,0	-7,0	1,0	20,0	34,0	-3,0	0,0	1,0	20,0	34,0	-2,0	-1,0	2,0	20,0	34,1	0,0	-5,0	2,0
92	10/10/2013 08.30	16,0	34,1	0,0	-6,0	1,0	16,0	34,0	-2,0	0,0	2,0	16,0	34,0	-1,0	1,0	3,0	16,0	34,1	1,0	-6,0	2,0
93	16/10/2013 14.30	23,0	34,1	-1,0	-7,0	3,0	23,0	34,0	-3,0	-1,0	2,0	23,0	34,0	-2,0	1,0	3,0	23,0	34,1	0,0	-6,0	3,0
94	24/10/2013 08.30	18,0	34,1	-1,0	-5,0	1,0	18,0	34,0	-3,0	1,0	1,0	18,0	34,0	-3,0	1,0	2,0	18,0	34,1	0,0	-4,0	2,0
95	31/10/2013 14.30	23,0	34,1	-1,0	-6,0	3,0	23,0	34,0	-3,0	0,0	2,0	23,0	34,0	-3,0	0,0	3,0	23,0	34,1	0,0	-5,0	3,0
96	07/11/2013 08.30	11,0	34,1	-1,0	-7,0	1,0	11,0	34,0	-3,0	0,0	0,0	11,0	34,0	-3,0	0,0	1,0	11,0	34,1	0,0	-5,0	1,0
97	14/11/2013 14.30	20,0	34,1	-1,0	-6,0	3,0	20,0	34,0	-3,0	0,0	2,0	20,0	34,0	-2,0	1,0	3,0	20,0	34,1	0,0	-6,0	3,0
98	25/11/2013 15.30	12,0	34,1	-1,0	-5,0	2,0	12,0	34,0	-3,0	1,0	2,0	12,0	34,0	-2,0	1,0	1,0	12,0	34,1	0,0	-4,0	2,0
99	30/11/2013 08.30	7,0	34,1	-1,0	-5,0	3,0	7,0	34,0	-3,0	1,0	2,0	7,0	34,0	-2,0	1,0	3,0	7,0	34,1	0,0	-4,0	3,0
100	05/12/2013 08.30	7,0	34,1	-1,0	-7,0	2,0	7,0	34,0	-3,0	-1,0	1,0	7,0	34,0	-2,0	0,0	3,0	7,0	34,1	0,0	-6,0	2,0
101	19/12/2013 13.00	8,0	34,1	-2,0	-6,0	1,0	8,0	34,0	-4,0	0,0	2,0	8,0	34,0	-4,0	-1,0	2,0	8,0</				



Ubicazione STAZIONE CHIAIA
Opera \ \ I Ordine di Tiranti \ 09-
Tipo Strumento Mire Ottiche
Data posa in opera 15/07/2011
Data lettura di zero 15/07/2011

UBICAZIONE
STAZIONE CHIAIA \ \ I Ordine di Tiranti \ 09-12

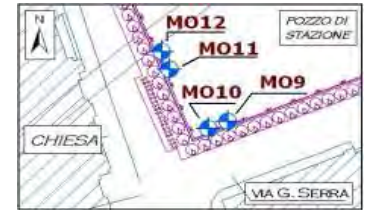
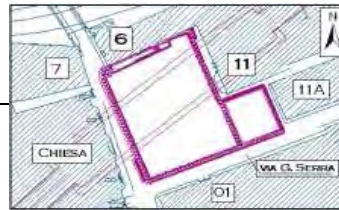


GRAFICO QUOTA

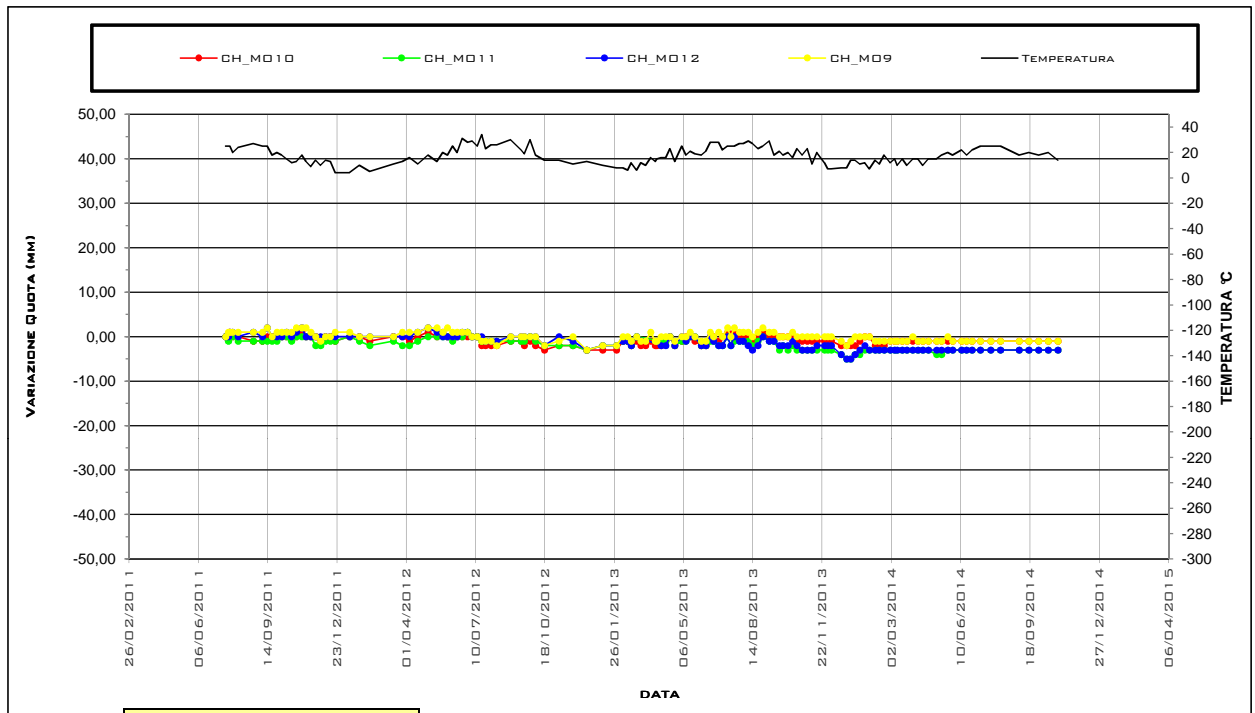
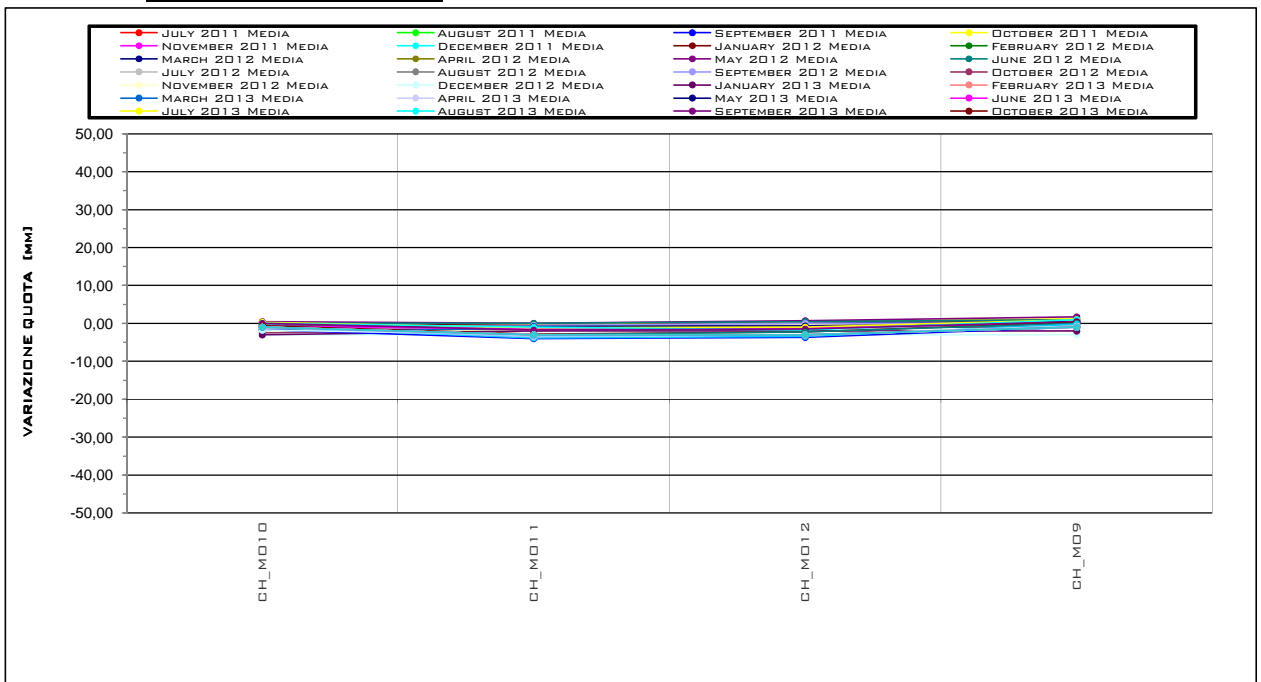


GRAFICO ISOCRONE





Ubicazione STAZIONE CHIAIA
Opera \ \ l Ordine di Tiranti \ 09-
Tipo Strumento Mire Ottiche
Data posa in opera 15/07/2011
Data lettura di zero 15/07/2011

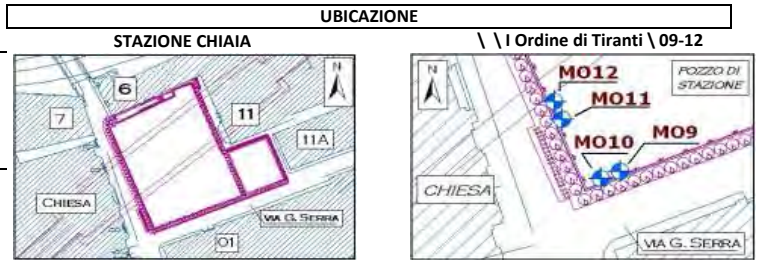


GRAFICO EST

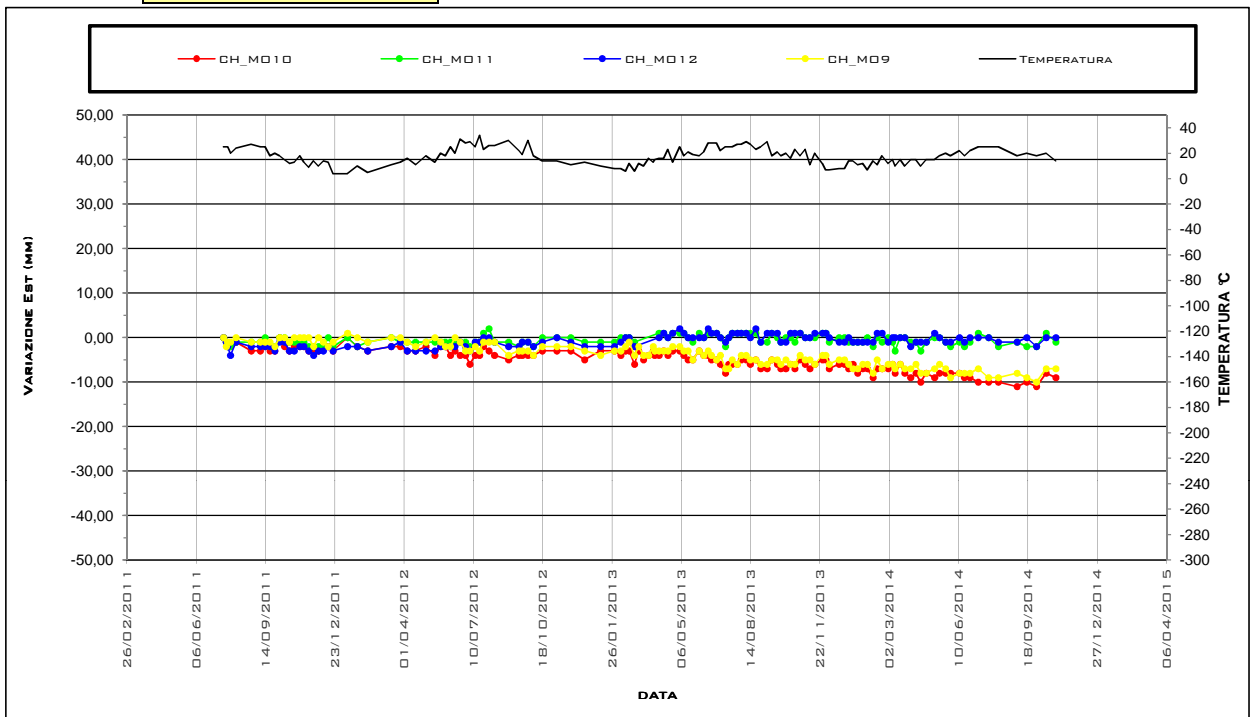
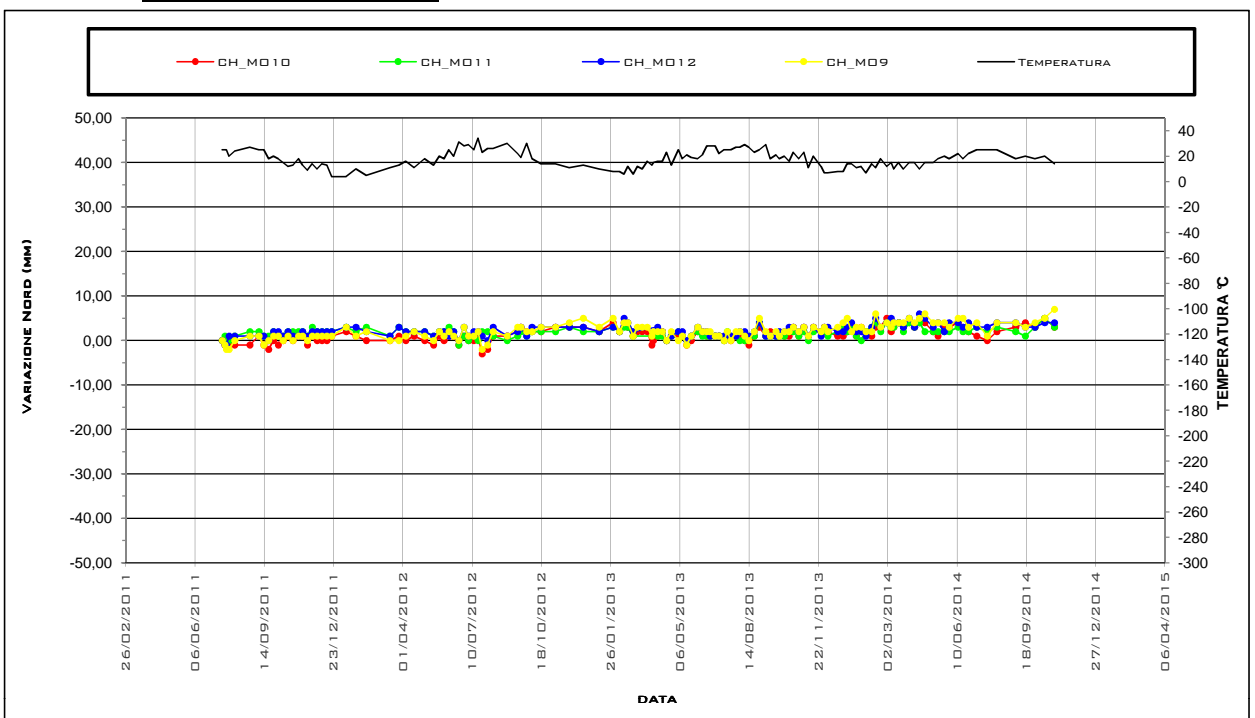


GRAFICO NORD





Ubicazione STAZIONE CHIAIA

Opera \ \ Ordine di Tiranti \ 13-16

Tipo Strumento Mire Ottiche

Data posa in opera 15/07/2011

Data lettura di zero 15/07/2011

Ultima Misura 136 **in data** 28/10/2014

Let. n°	DATA	CH_M013					CH_M014					CH_M015					CH_M016				
		Temp. Media [°C]	Quota [m]	Quota Spost. [mm]	Est. Spost. [mm]	Nord Spost. [mm]	Temp. Media [°C]	Quota [m]	Quota Spost. [mm]	Est. Spost. [mm]	Nord Spost. [mm]	Temp. Media [°C]	Quota [m]	Quota Spost. [mm]	Est. Spost. [mm]	Nord Spost. [mm]	Temp. Media [°C]	Quota [m]	Quota Spost. [mm]	Est. Spost. [mm]	Nord Spost. [mm]
46	29/08/2012 16.00	30.0	34.0	-1.0	2.0	-1.0	30.0	34.0	0.0	1.0	1.0	30.0	34.6	1.0	0.0	0.0	30.0	34.6	1.0	2.0	0.0
47	13/09/2012 15.00	22.0	34.0	0.0	1.0	1.0	22.0	34.0	1.0	2.0	2.0	22.0	34.6	2.0	-1.0	0.0	22.0	34.6	1.0	1.0	1.0
48	18/09/2012 08.00	19.0	34.0	-1.0	0.0	1.0	19.0	34.0	0.0	1.0	1.0	19.0	34.6	2.0	-1.0	0.0	19.0	34.6	-1.0	1.0	0.0
49	26/09/2012 15.00	30.0	34.0	0.0	2.0	0.0	30.0	34.0	1.0	1.0	1.0	30.0	34.6	2.0	0.0	0.0	30.0	34.6	2.0	2.0	0.0
50	04/10/2012 09.00	18.0	34.0	-1.0	1.0	1.0	18.0	34.0	0.0	0.0	1.0	18.0	34.6	2.0	-1.0	1.0	18.0	34.6	2.0	1.0	0.0
51	17/10/2012 08.30	14.0	34.0	-2.0	2.0	2.0	14.0	34.0	-1.0	1.0	1.0	14.0	34.6	0.0	0.0	2.0	14.0	34.6	0.0	2.0	1.0
52	07/11/2012 08.30	14.0	34.0	-1.0	2.0	2.0	14.0	34.0	0.0	2.0	2.0	14.0	34.6	1.0	1.0	2.0	14.0	34.6	1.0	3.0	1.0
53	27/11/2012 08.30	11.0	34.0	-1.0	1.0	1.0	11.0	34.0	0.0	1.0	1.0	11.0	34.6	0.0	0.0	2.0	11.0	34.6	0.0	1.0	2.0
54	17/12/2012 08.30	13.0	34.0	-3.0	1.0	2.0	13.0	34.0	-3.0	1.0	2.0	13.0	34.6	0.0	1.0	2.0	13.0	34.6	-1.0	2.0	1.0
55	09/01/2013 08.30	10.0	34.0	-2.0	1.0	1.0	10.0	34.0	-1.0	1.0	2.0	10.0	34.6	1.0	1.0	2.0	10.0	34.6	-1.0	2.0	1.0
56	29/01/2013 08.30	8.0	34.0	-3.0	1.0	1.0	8.0	34.0	-2.0	1.0	3.0	8.0	34.6	0.0	-1.0	2.0	8.0	34.6	0.0	2.0	2.0
57	07/02/2013 15.00	8.0	34.0	-2.0	2.0	0.0	8.0	34.0	-1.0	2.0	0.0	8.0	34.6	1.0	2.0	-1.0	8.0	34.6	0.0	2.0	-1.0
58	14/02/2013 08.30	6.0	34.0	-2.0	3.0	2.0	6.0	34.0	-1.0	3.0	2.0	6.0	34.6	0.0	0.0	2.0	6.0	34.6	0.0	4.0	2.0
59	19/02/2013 15.30	12.0	34.0	-3.0	1.0	1.0	12.0	34.0	-1.0	3.0	2.0	12.0	34.6	-1.0	1.0	2.0	12.0	34.6	-1.0	3.0	1.0
60	27/02/2013 08.30	6.0	34.0	-2.0	1.0	1.0	6.0	34.0	0.0	2.0	1.0	6.0	34.6	1.0	2.0	1.0	6.0	34.6	1.0	2.0	-2.0
61	05/03/2013 10.30	12.0	34.0	-2.0	3.0	0.0	12.0	34.0	-1.0	3.0	1.0	12.0	34.6	0.0	0.0	-1.0	12.0	34.6	0.0	2.0	0.0
62	12/03/2013 08.30	10.0	34.0	-2.0	2.0	1.0	10.0	34.0	-1.0	2.0	2.0	10.0	34.6	0.0	0.0	1.0	10.0	34.6	0.0	2.0	1.0
63	19/03/2013 16.00	16.0	34.0	-2.0	2.0	1.0	16.0	34.0	0.0	3.0	2.0	16.0	34.6	0.0	0.0	0.0	16.0	34.6	0.0	2.0	0.0
64	26/03/2013 08.30	13.0	34.0	-3.0	4.0	-1.0	13.0	34.0	-2.0	4.0	0.0	13.0	34.6	0.0	1.0	-2.0	13.0	34.6	0.0	3.0	-2.0
65	28/03/2013 11.00	15.0	34.0	-3.0	4.0	-1.0	15.0	34.0	-2.0	4.0	0.0	15.0	34.6	-1.0	2.0	-2.0	15.0	34.6	0.0	3.0	-1.0
66	03/04/2013 17.30	16.0	34.0	-3.0	3.0	0.0	16.0	34.0	-1.0	4.0	2.0	16.0	34.6	0.0	0.0	-2.0	16.0	34.6	1.0	2.0	-1.0
67	10/04/2013 16.30	16.0	34.0	-2.0	4.0	1.0	16.0	34.0	-1.0	3.0	1.0	16.0	34.6	0.0	1.0	0.0	16.0	34.6	0.0	2.0	1.0
68	16/04/2013 15.00	23.0	34.0	-1.0	3.0	0.0	23.0	34.0	0.0	3.0	0.0	23.0	34.6	1.0	0.0	-1.0	23.0	34.6	1.0	1.0	-2.0
69	23/04/2013 08.30	13.0	34.0	-3.0	3.0	0.0	13.0	34.0	-2.0	4.0	0.0	13.0	34.6	0.0	2.0	-1.0	13.0	34.6	-1.0	2.0	-1.0
70	03/05/2013 14.30	25.0	34.0	-2.0	4.0	0.0	25.0	34.0	0.0	5.0	0.0	25.0	34.6	1.0	2.0	0.0	25.0	34.6	1.0	3.0	0.0
71	09/05/2013 08.30	18.0	34.0	-2.0	3.0	1.0	18.0	34.0	-1.0	4.0	1.0	18.0	34.6	1.0	1.0	0.0	18.0	34.6	1.0	3.0	0.0
72	15/05/2013 14.30	21.0	34.0	-1.0	3.0	-2.0	21.0	34.0	0.0	3.0	-1.0	21.0	34.6	2.0	1.0	-1.0	21.0	34.6	1.0	2.0	-2.0
73	22/05/2013 08.30	19.0	34.0	-2.0	3.0	0.0	19.0	34.0	0.0	3.0	0.0	19.0	34.6	1.0	0.0	0.0	19.0	34.6	0.0	0.0	0.0
74	31/05/2013 15.30	18.0	34.0	-3.0	4.0	1.0	18.0	34.0	-2.0	4.0	2.0	18.0	34.6	0.0	0.0	1.0	18.0	34.6	0.0	1.0	0.0
75	07/06/2013 08.30	21.0	34.0	-3.0	4.0	0.0	21.0	34.0	-2.0	5.0	1.0	21.0	34.6	0.0	0.0	0.0	21.0	34.6	0.0	2.0	0.0
76	13/06/2013 14.30	28.0	34.0	-2.0	4.0	0.0	28.0	34.0	0.0	5.0	1.0	28.0	34.6	1.0	1.0	-1.0	28.0	34.6	1.0	1.0	-1.0
77	18/06/2013 09.00	28.0	34.0	-3.0	3.0	0.0	28.0	34.0	-1.0	3.0	1.0	28.0	34.6	0.0	0.0	0.0	28.0	34.6	0.0	0.0	0.0
78	25/06/2013 18.00	28.0	34.0	-3.0	4.0	0.0	28.0	34.0	-1.0	5.0	1.0	28.0	34.6	0.0	1.0	0.0	28.0	34.6	1.0	2.0	-1.0
79	01/07/2013 07.30	22.0	34.0	-2.0	5.0	0.0	22.0	34.0	-2.0	4.0	0.0	22.0	34.6	1.0	2.0	0.0	22.0	34.6	1.0	4.0	1.0
80	08/07/2013 17.30	25.0	34.0	-2.0	1.0	0.0	25.0	34.0	-1.0	2.0	0.0	25.0	34.6	2.0	0.0	0.0	25.0	34.6	2.0	1.0	0.0
81	13/07/2013 07.30	25.0	34.0	-3.0	4.0	2.0	25.0	34.0	-2.0	3.0	1.0	25.0	34.6	0.0	1.0	1.0	25.0	34.6	0.0	1.0	1.0
82	18/07/2013 07.30	25.0	34.0	-2.0	3.0	0.0	25.0	34.0	0.0	4.0	1.0	25.0	34.6	2.0	1.0	0.0	25.0	34.6	2.0	2.0	0.0
83	25/07/2013 18.00	27.0	34.0	-3.0	4.0	0.0	27.0	34.0	-1.0	4.0	1.0	27.0	34.6	1.0	1.0	0.0	27.0	34.6	1.0	2.0	0.0
84	31/07/2013 09.00	27.0	34.0	-2.0	5.0	0.0	27.0	34.0	-1.0	4.0	1.0	27.0	34.6	1.0	1.0	0.0	27.0	34.6	1.0	2.0	0.0
85	07/08/2013 09.00	29.0	34.0	-4.0	4.0	0.0	29.0	34.0	-1.0	4.0	1.0	29.0	34.6	1.0	1.0	1.0	29.0	34.6	1.0	1.0	0.0
86	13/08/2013 09.00	27.0	34.0	-4.0	3.0	1.0	27.0	34.0	-2.0	3.0	2.0	27.0	34.6	0.0	0.0	2.0	27.0	34.6	0.0	0.0	1.0
87	21/08/2013 07.30	23.0	34.0	-3.0	4.0	0.0	23.0	34.0	-1.0	6.0	2.0	23.0	34.6	2.0	2.0	1.0	23.0	34.6	1.0	3.0	1.0
88	28/08/2013 10.30	25.0	34.0	-1.0	3.0	2.0	25.0	34.0	0.0	3.0	4.0	25.0	34.6	3.0	0.0	2.0	25.0	34.6	3.0	0.0	2.0
89	06/09/2013 07.30	29.0	34.0	-2.0	4.0	1.0	29.0	34.0	-1.0	3.0	1.0	29.0	34.6	2.0	1.0	0.0	29.0	34.6	2.0	1.0	-1.0
90	13/09/2013 07.30	18.0	34.0	-3.0	4.0	0.0	18.0	34.0	-1.0	4.0	1.0	18.0	34.6	1.0	2.0	0.0	18.0	34.6	1.0	3.0	0.0
91	21/09/2013 09.30	21.0	34.0	-3.0	4.0	0.0	21.0	34.0	-2.0	4.0	2.0	21.0	34.6	0.0	0.0	0.0	21.0	34.6	0.0	1.0	0.0
92	26/09/2013 09.30	18.0	34.0	-3.0	3.0	1.0	18.0	34.0	-2.0	3.0	2.0	18.0	34.6	1.0	0.0	0.0	18.0	34.6	1.0	1.0	0.0
93	03/10/2013 16.30	20.0	34.0	-3.0	3.0	2.0	20.0	34.0	-1.0	3.0	2.0	20.0	34.6	1.0	-1.0	1.0	20.0	34.6	1.0	1.0	1.0
94	10/10/2013 08.30	16.0	34.0	-2.0	3.0	1.0	16.0	34.0	-1.0	4.0	2.0	16.0	34.6	1.0	1.0	0.0	16.0	34.6	1.0	1.0	-1.0
95	16/10/2013 14.30	23.0	34.0	-3.0	3.0	1.0	23.0	34.0	-2.0	3.0	2.0	23.0	34.6	0.0	0.0	1.0	23.0	34.6	0.0	1.0	0.0
96	24/10/2013 08.30	18.0	34.0	-3.0	5.0	1.0	18.0	34.0	-2.0	5.0	2.0	18.0	34.6	0.0	2.0	0.0	18.0	34.6	0.0	3.0	-1.0
97	31/10/2013 14.30	23.0	34.0	-4.0	3.0	1.0	23.0	34.0	-2.0	4.0	2.0	23.0	34.6	0.0	0.0	1.0	23.0	34.6	0.0	1.0	0.0
98	07/11/2013 08.30	11.0	34.0	-4.0	4.0	1.0	11.0	34.0	-2.0	4.0	1.0	11.0	34.6	0.0	1.0	0.0	11.0	34.6	0.0	2.0	-1.0
99	14/11/2013 14.30	20.0	34.0	-4.0	4.0	2.0	20.0	34.0	-2.0	3.0	3.0	20.0	34.6	0.0	0.0	1.0	20.0	34.6	0.0	2.0	0.0
100	25/11/2013 15.30	12.0	34.0	-4.0	4.0	0.0	12.0	34.0	-2.0	5.0	1.0	12.0	34.6	0.0	2.0	0.0	12.0	34.6	0.0	2.0	0.0
101	30/11/2013 08.30	7.0	34.0	-4.0	5.0	3.0	7.0	34.0	-2.0	5.0	2.0	7.0	34.6	0.0	2.0	1.0	7.0	34.6	0.0	3.0	1.0
102	05/12/2013 08.30	7.0	34.0	-4.0	3.0	1.0	7.0	34.0	-2.0	4.0	3.0	7									



Ubicazione STAZIONE CHIAIA
Opera \ \ I Ordine di Tiranti \ 13-
Tipo Strumento Mire Ottiche
Data posa in opera 15/07/2011
Data lettura di zero 15/07/2011

GRAFICO QUOTA

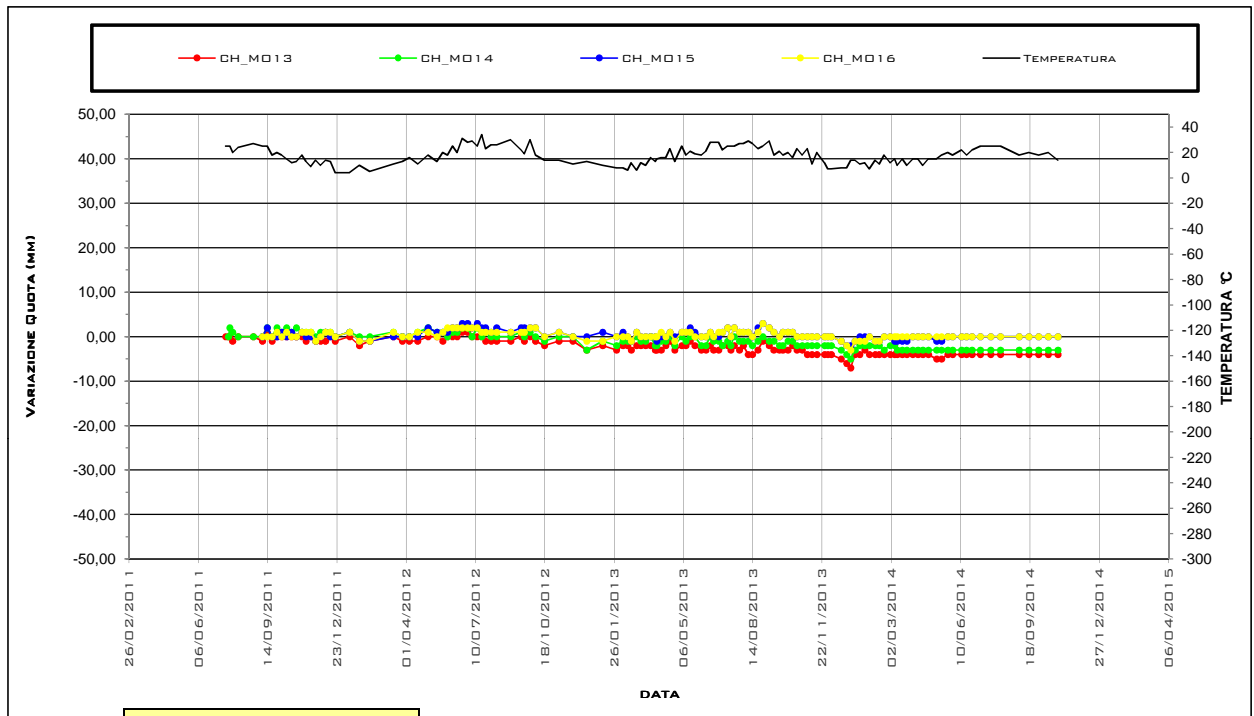
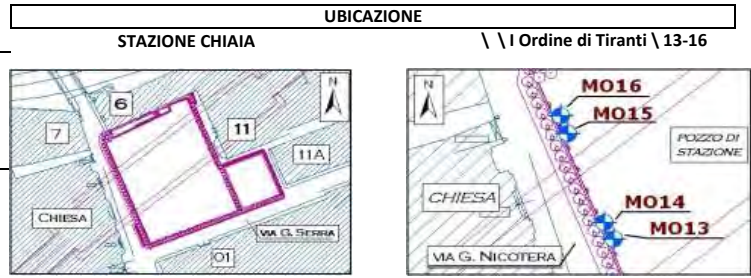
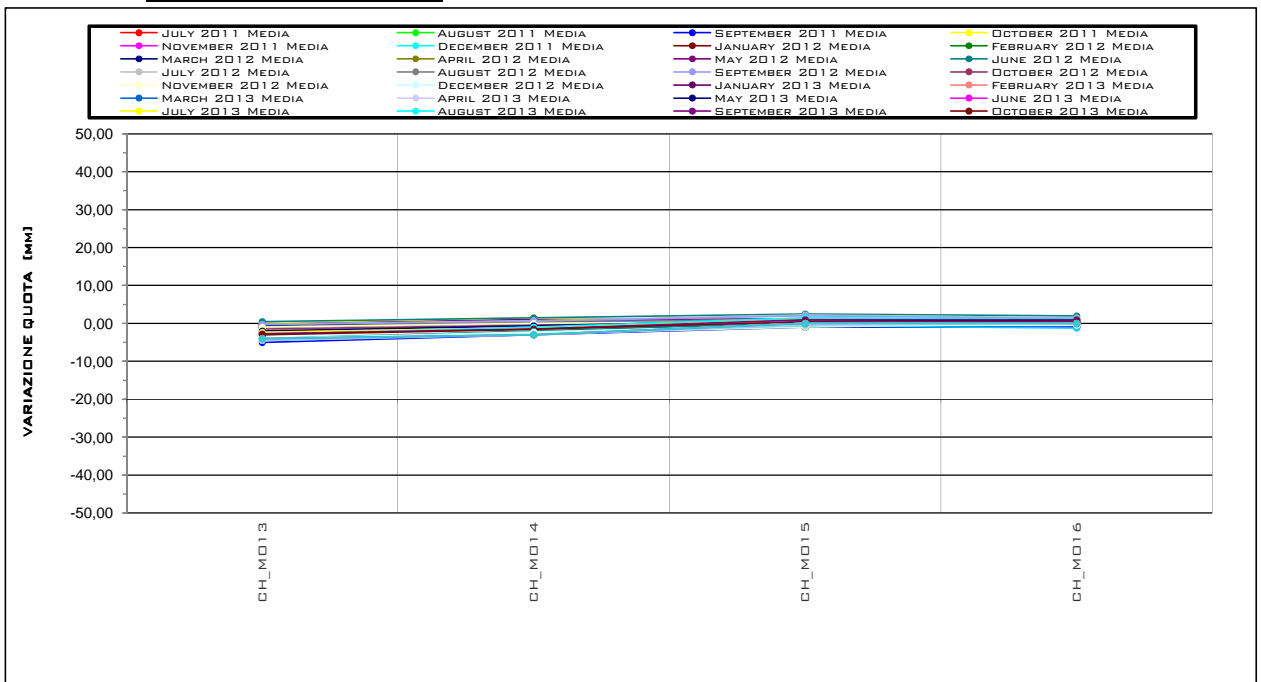


GRAFICO ISOCRONE





Ubicazione STAZIONE CHIAIA
Opera \ \ | Ordine di Tiranti \ 13-
Tipo Strumento Mire Ottiche
Data posa in opera 15/07/2011
Data lettura di zero 15/07/2011

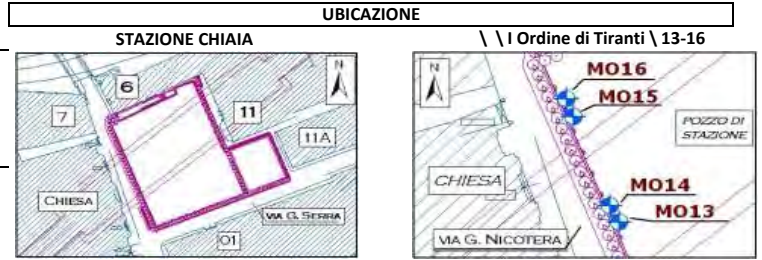


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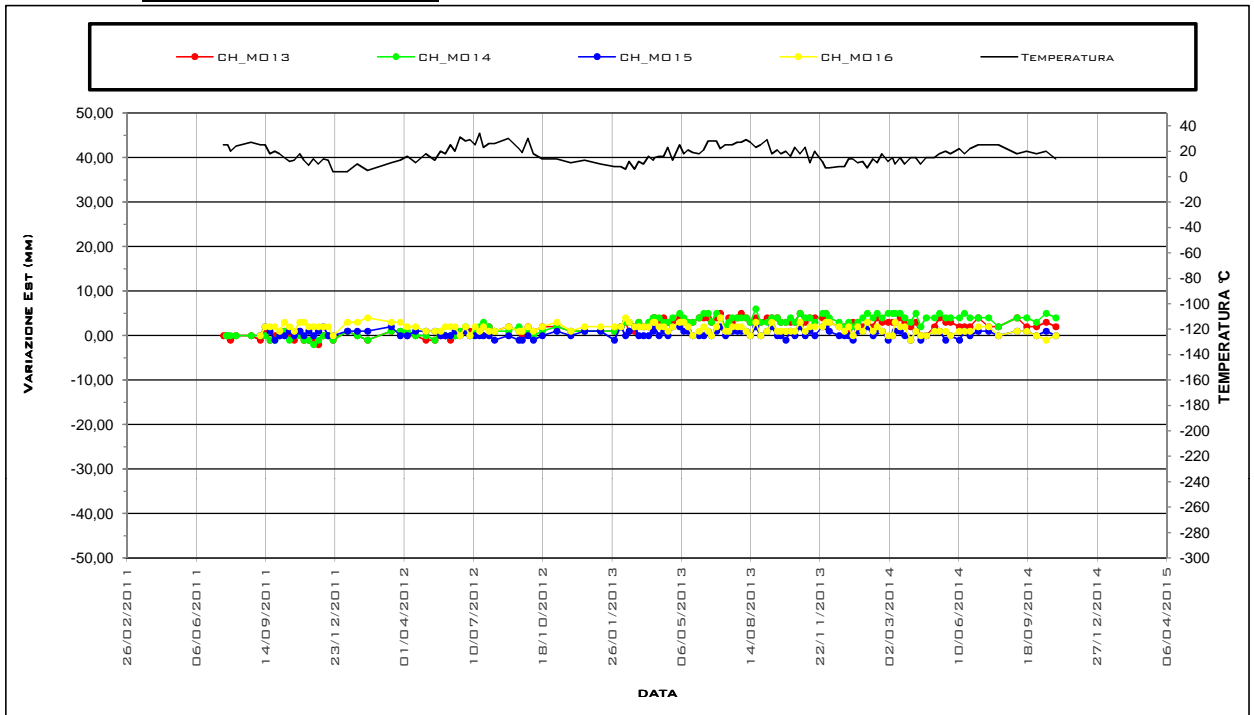
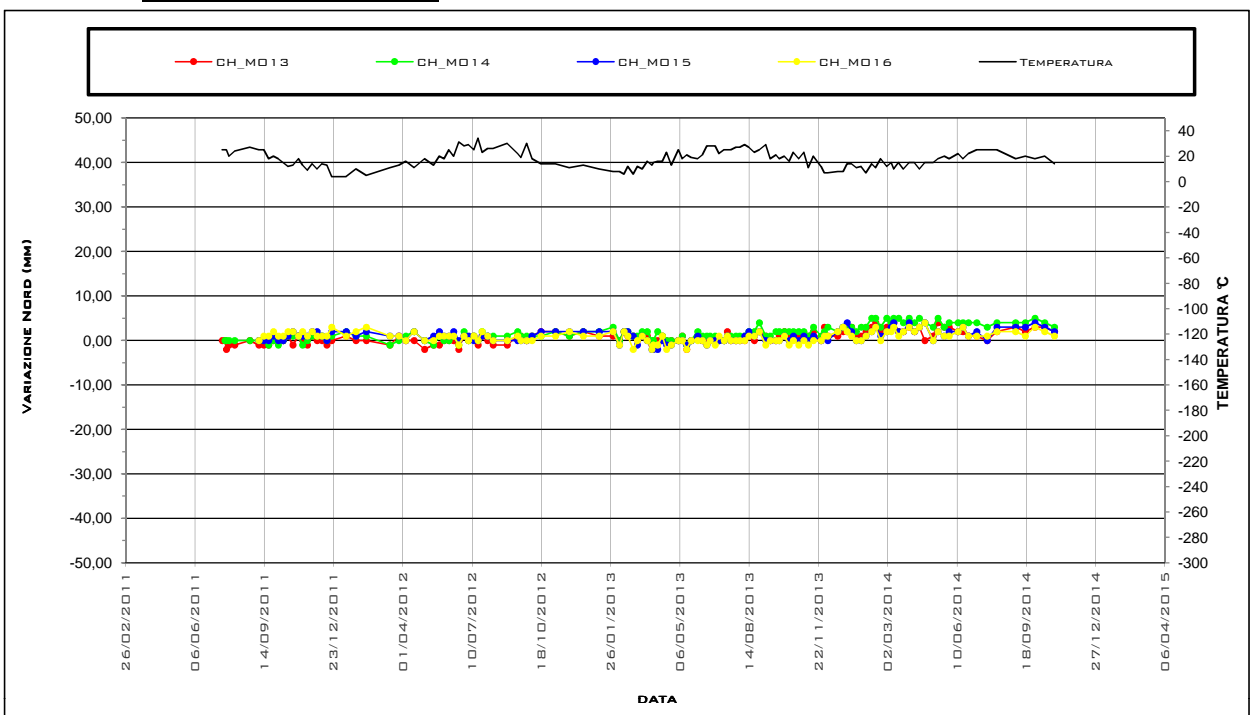


GRAFICO NORD





Ubicazione STAZIONE CHIAIA

Opera \ \ Il Ordine di Tiranti \ 17-20

Tipo Strumento Mire Ottiche

Data posa in opera 17/04/2012

Data lettura di zero 17/04/2012

Ultima
Misura

119

in
data

28/10/2014

Lettr. n°	DATA	CH_M017					CH_M018					CH_M019					CH_M020				
		Temp. Media[°C]	Quota [m]	Quota Spost. [mm]	Est Spost. [mm]	Nord Spost. [mm]	Temp. Media[°C]	Quota [m]	Quota Spost. [mm]	Est Spost. [mm]	Nord Spost. [mm]	Temp. Media[°C]	Quota [m]	Quota Spost. [mm]	Est Spost. [mm]	Nord Spost. [mm]	Temp. Media[°C]	Quota [m]	Quota Spost. [mm]	Est Spost. [mm]	Nord Spost. [mm]
29	29/08/2012 16.00	30,0	26,5	-1,0	2,0	1,0	30,0	26,4	-1,0	3,0	2,0	30,0	28,7	0,0	1,0	2,0	30,0	28,7	0,0	0,0	-1,0
30	13/09/2012 15.00	22,0	26,5	0,0	3,0	3,0	22,0	26,4	0,0	3,0	2,0	22,0	28,7	0,0	1,0	2,0	22,0	28,7	1,0	-1,0	0,0
31	18/09/2012 08.00	19,0	26,5	0,0	1,0	1,0	19,0	26,4	0,0	2,0	2,0	19,0	28,7	0,0	0,0	1,0	19,0	28,7	1,0	0,0	0,0
32	26/09/2012 15.00	30,0	26,5	1,0	0,0	1,0	30,0	26,4	1,0	1,0	1,0	30,0	28,7	1,0	-1,0	1,0	30,0	28,7	1,0	-1,0	0,0
33	04/10/2012 09.00	18,0	26,5	1,0	2,0	2,0	18,0	26,4	0,0	2,0	2,0	18,0	28,7	0,0	0,0	1,0	18,0	28,7	0,0	0,0	0,0
34	17/10/2012 08.30	14,0	26,5	1,0	1,0	1,0	14,0	26,4	1,0	2,0	2,0	14,0	28,7	0,0	-1,0	2,0	14,0	28,7	1,0	-2,0	0,0
35	07/11/2012 08.30	14,0	26,5	-1,0	1,0	1,0	14,0	26,4	0,0	1,0	2,0	14,0	28,7	0,0	1,0	1,0	14,0	28,7	0,0	-1,0	-1,0
36	27/11/2012 08.30	11,0	26,5	0,0	1,0	1,0	11,0	26,4	1,0	2,0	0,0	11,0	28,7	0,0	0,0	0,0	11,0	28,7	1,0	-3,0	-2,0
37	17/12/2012 08.30	13,0	26,5	-1,0	1,0	1,0	13,0	26,4	0,0	1,0	1,0	13,0	28,7	-1,0	0,0	1,0	13,0	28,7	-1,0	-1,0	0,0
38	09/01/2013 08.30	10,0	26,5	-1,0	1,0	1,0	10,0	26,4	1,0	1,0	1,0	10,0	28,7	-1,0	-1,0	1,0	10,0	28,7	0,0	-2,0	0,0
39	29/01/2013 08.30	8,0	26,5	0,0	0,0	0,0	8,0	26,4	0,0	1,0	1,0	8,0	28,7	-1,0	-1,0	1,0	8,0	28,7	0,0	-2,0	-1,0
40	07/02/2013 15.00	8,0	26,5	1,0	2,0	1,0	8,0	26,4	1,0	3,0	2,0	8,0	28,7	0,0	0,0	1,0	8,0	28,7	2,0	-2,0	-1,0
41	14/02/2013 08.30	6,0	26,5	0,0	1,0	1,0	6,0	26,4	0,0	2,0	0,0	6,0	28,7	0,0	-1,0	0,0	6,0	28,7	0,0	-2,0	-2,0
42	19/02/2013 15.30	12,0	26,5	1,0	-1,0	-1,0	12,0	26,4	0,0	0,0	0,0	12,0	28,7	0,0	-1,0	0,0	12,0	28,7	0,0	-3,0	-2,0
43	27/02/2013 08.30	6,0	26,5	0,0	1,0	1,0	6,0	26,4	1,0	1,0	0,0	6,0	28,7	0,0	0,0	0,0	6,0	28,7	0,0	-3,0	-2,0
44	05/03/2013 10.30	12,0	26,5	0,0	0,0	0,0	12,0	26,4	0,0	1,0	1,0	12,0	28,7	-1,0	0,0	1,0	12,0	28,7	-1,0	-1,0	-1,0
45	12/03/2013 08.30	10,0	26,5	1,0	1,0	2,0	10,0	26,4	1,0	1,0	1,0	10,0	28,7	0,0	-1,0	1,0	10,0	28,7	1,0	-2,0	-1,0
46	19/03/2013 16.00	16,0	26,5	2,0	1,0	-1,0	16,0	26,4	1,0	3,0	1,0	16,0	28,7	0,0	0,0	1,0	16,0	28,7	0,0	-1,0	0,0
47	26/03/2013 08.30	13,0	26,5	1,0	2,0	0,0	13,0	26,4	0,0	3,0	1,0	13,0	28,7	0,0	0,0	0,0	13,0	28,7	0,0	-1,0	-2,0
48	28/03/2013 11.00	15,0	26,5	2,0	1,0	0,0	15,0	26,4	1,0	2,0	1,0	15,0	28,7	0,0	-1,0	1,0	15,0	28,7	1,0	-1,0	-1,0
49	03/04/2013 17.30	16,0	26,5	-1,0	1,0	-1,0	16,0	26,4	0,0	0,0	0,0	16,0	28,7	-1,0	-1,0	1,0	16,0	28,7	-1,0	-2,0	-1,0
50	10/04/2013 10.30	16,0	26,5	1,0	1,0	1,0	16,0	26,4	1,0	2,0	1,0	16,0	28,7	0,0	0,0	2,0	16,0	28,7	1,0	-2,0	-1,0
51	16/04/2013 15.00	23,0	26,5	0,0	1,0	0,0	23,0	26,4	0,0	1,0	-1,0	23,0	28,7	-2,0	1,0	0,0	23,0	28,7	-1,0	-2,0	-2,0
52	23/04/2013 08.30	13,0	26,5	0,0	0,0	0,0	13,0	26,4	1,0	1,0	1,0	13,0	28,7	-1,0	0,0	1,0	13,0	28,7	0,0	-2,0	-1,0
53	03/05/2013 14.30	25,0	26,5	1,0	1,0	0,0	25,0	26,4	2,0	2,0	1,0	25,0	28,7	0,0	0,0	1,0	25,0	28,7	0,0	0,0	0,0
54	09/05/2013 08.30	18,0	26,5	1,0	2,0	1,0	18,0	26,4	2,0	1,0	1,0	18,0	28,7	0,0	-1,0	2,0	18,0	28,7	1,0	-3,0	-1,0
55	15/05/2013 14.30	21,0	26,5	0,0	0,0	-1,0	21,0	26,4	1,0	2,0	0,0	21,0	28,7	-1,0	2,0	1,0	21,0	28,7	0,0	0,0	-1,0
56	22/05/2013 08.30	19,0	26,5	0,0	2,0	-1,0	19,0	26,4	1,0	2,0	1,0	19,0	28,7	-1,0	1,0	0,0	19,0	28,7	0,0	-1,0	-2,0
57	31/05/2013 15.30	18,0	26,5	2,0	1,0	-1,0	18,0	26,4	1,0	2,0	-1,0	18,0	28,7	1,0	-1,0	0,0	18,0	28,7	1,0	-1,0	-2,0
58	07/06/2013 08.30	21,0	26,5	1,0	1,0	0,0	21,0	26,4	0,0	2,0	1,0	21,0	28,7	0,0	0,0	1,0	21,0	28,7	0,0	-2,0	-1,0
59	13/06/2013 14.30	28,0	26,5	2,0	2,0	0,0	28,0	26,4	2,0	3,0	0,0	28,0	28,7	0,0	1,0	1,0	28,0	28,7	1,0	1,0	-2,0
60	18/06/2013 09.00	28,0	26,5	1,0	1,0	1,0	28,0	26,4	0,0	2,0	1,0	28,0	28,7	-1,0	0,0	2,0	28,0	28,7	0,0	-1,0	-1,0
61	25/06/2013 18.00	28,0	26,5	1,0	1,0	0,0	28,0	26,4	1,0	3,0	1,0	28,0	28,7	0,0	1,0	1,0	28,0	28,7	0,0	0,0	-2,0
62	01/07/2013 07.30	22,0	26,5	1,0	1,0	0,0	22,0	26,4	1,0	2,0	1,0	22,0	28,7	0,0	1,0	0,0	22,0	28,7	0,0	-1,0	-1,0
63	08/07/2013 17.30	25,0	26,5	2,0	2,0	1,0	25,0	26,4	1,0	2,0	1,0	25,0	28,7	0,0	0,0	1,0	25,0	28,7	0,0	0,0	0,0
64	13/07/2013 07.30	25,0	26,5	1,0	1,0	1,0	25,0	26,4	2,0	2,0	2,0	25,0	28,7	0,0	-1,0	2,0	25,0	28,7	1,0	-2,0	-1,0
65	18/07/2013 07.30	25,0	26,5	1,0	1,0	1,0	25,0	26,4	1,0	2,0	1,0	25,0	28,7	0,0	0,0	1,0	25,0	28,7	1,0	-1,0	0,0
66	25/07/2013 18.00	27,0	26,5	2,0	0,0	0,0	27,0	26,4	1,0	1,0	1,0	27,0	28,7	0,0	0,0	2,0	27,0	28,7	0,0	0,0	0,0
67	31/07/2013 09.00	27,0	26,5	1,0	1,0	1,0	27,0	26,4	1,0	1,0	1,0	27,0	28,7	0,0	-1,0	1,0	27,0	28,7	0,0	-1,0	0,0
68	07/08/2013 09.00	29,0	26,5	1,0	1,0	2,0	29,0	26,4	1,0	1,0	2,0	29,0	28,7	-1,0	0,0	2,0	29,0	28,7	0,0	-1,0	0,0
69	13/08/2013 09.00	27,0	26,5	0,0	2,0	3,0	27,0	26,4	0,0	2,0	3,0	27,0	28,7	-2,0	1,0	2,0	27,0	28,7	-1,0	-1,0	0,0
70	21/08/2013 07.30	23,0	26,5	1,0	2,0	0,0	23,0	26,4	1,0	3,0	1,0	23,0	28,7	-1,0	1,0	1,0	23,0	28,7	0,0	0,0	0,0
71	28/08/2013 10.30	29,0	26,5	2,0	1,0	0,0	29,0	26,4	2,0	1,0	1,0	29,0	28,7	-1,0	1,0	2,0	29,0	28,7	0,0	0,0	0,0
72	06/09/2013 17.30	29,0	26,5	2,0	1,0	1,0	29,0	26,4	2,0	3,0	0,0	29,0	28,7	-1,0	1,0	1,0	29,0	28,7	0,0	-1,0	-1,0
73	13/09/2013 07.30	18,0	26,5	2,0	2,0	1,0	18,0	26,4	2,0	3,0	0,0	18,0	28,7	-1,0	2,0	2,0	18,0	28,7	0,0	0,0	0,0
74	21/09/2013 09.00	21,0	26,5	3,0	1,0	-1,0	21,0	26,4	2,0	3,0	0,0	21,0	28,7	-1,0	1,0	1,0	21,0	28,7	0,0	0,0	-1,0
75	26/09/2013 09.00	18,0	26,5	3,0	1,0	0,0	18,0	26,4	2,0	2,0	1,0	18,0	28,7	-1,0	0,0	1,0	18,0	28,7	-1,0	0,0	-1,0
76	03/10/2013 16.30	20,0	26,5	3,0	3,0	-1,0	20,0	26,4	2,0	3,0	1,0	20,0	28,7	-1,0	1,0	1,0	20,0	28,7	0,0	1,0	-1,0
77	10/10/2013 08.30	16,0	26,5	3,0	3,0	2,0	16,0	26,4	3,0	3,0	1,0	16,0	28,7	0,0	1,0	2,0	16,0	28,7	0,0	0,0	1,0
78	16/10/2013 14.30	23,0	26,5	2,0	1,0	1,0	23,0	26,4	3,0	3,0	1,0	23,0	28,7	-1,0	0,0	2,0	23,0	28,7	0,0	-1,0	0,0
79	24/10/2013 08.30	18,0	26,5	2,0	2,0	2,0	18,0	26,4	2,0	3,0	2,0	18,0	28,7	-2,0	1,0	3,0	18,0	28,7	-1,0	0,0	0,0
80	31/10/2013 14.30	23,0	26,5	2,0	3,0	1,0	23,0	26,4	2,0	4,0	1,0	23,0	28,7	-1,0	1,0	2,0	23,0	28,7	0,0	0,0	0,0
81	07/11/2013 08.30	11,0	26,5	2,0	3,0	2,0	11,0	26,4	2,0	4,0	2,0	11,0	28,7	-1,0	2,0	2,0	11,0	28,7	-1,0	1,0	0,0
82	14/11/2013 14.30	20,0	26,5	2,0	3,0	1,0	20,0	26,4	2,0	3,0	1,0	20,0	28,7	-1,0	2,0	2,0	20,0	28,7	-1,0	0,0	0,0
83	25/11/2013 15.30	12,0	26,5	2,0	3,0	2,0	12,0	26,4	2,0	4,0	2,0	12,0	28,7	-1,0	0,0	2,0	12,0	28,7	-1,0	0,0	1,0
84	30/11/2013 08.30	7,0	26,5	2,0	2,0	1,0	7,0	26,4	2,0	3,0	2,0	7,0	28,7	-1,0	2,0	2,0	7,0	28,7	-1,0	0,0	0,0
85	05/12/2013 08.30	7,0	26,5	3																	



Ubicazione STAZIONE CHIAIA
Opera \ \ Il Ordine di Tiranti \ 17-
Tipo Strumento Mire Ottiche
Data posa in opera 17/04/2012
Data lettura di zero 17/04/2012

UBICAZIONE
STAZIONE CHIAIA \ \ Il Ordine di Tiranti \ 17-20

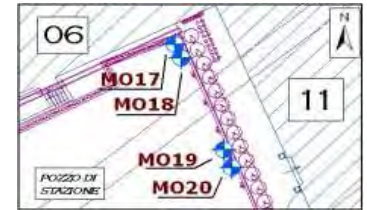
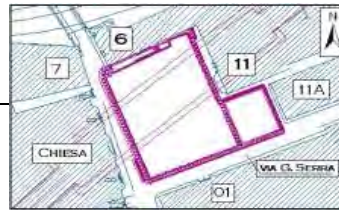


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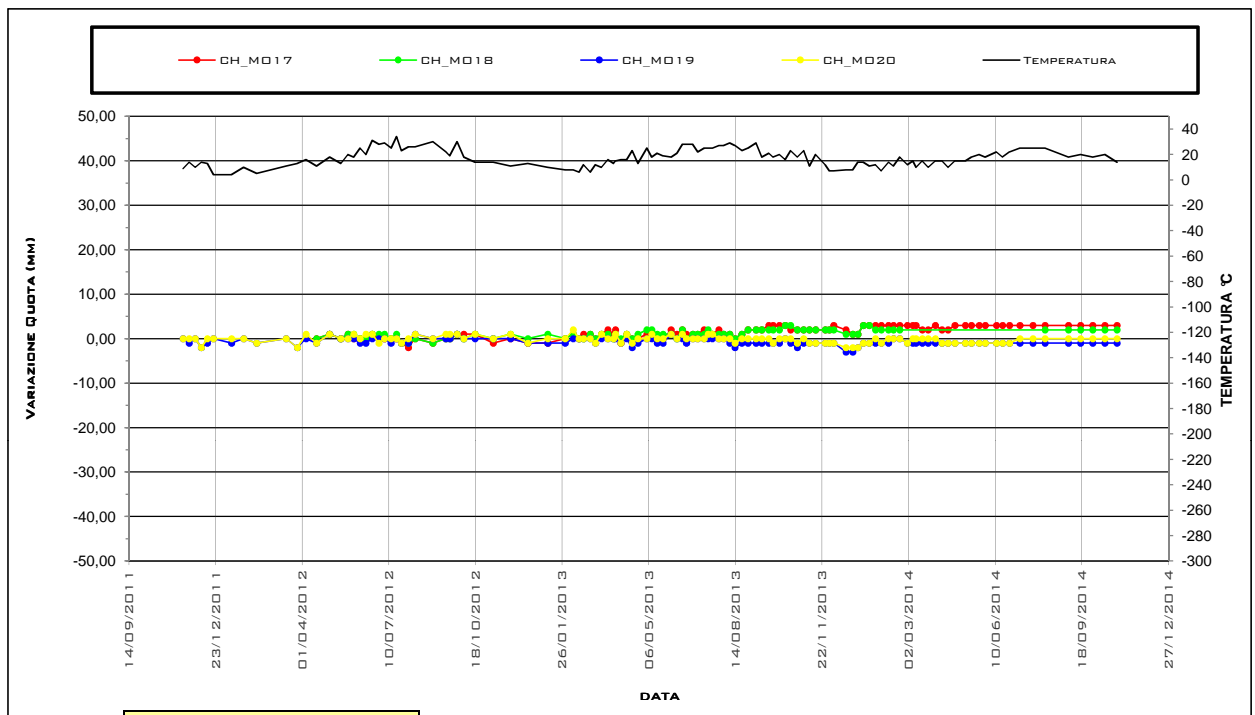
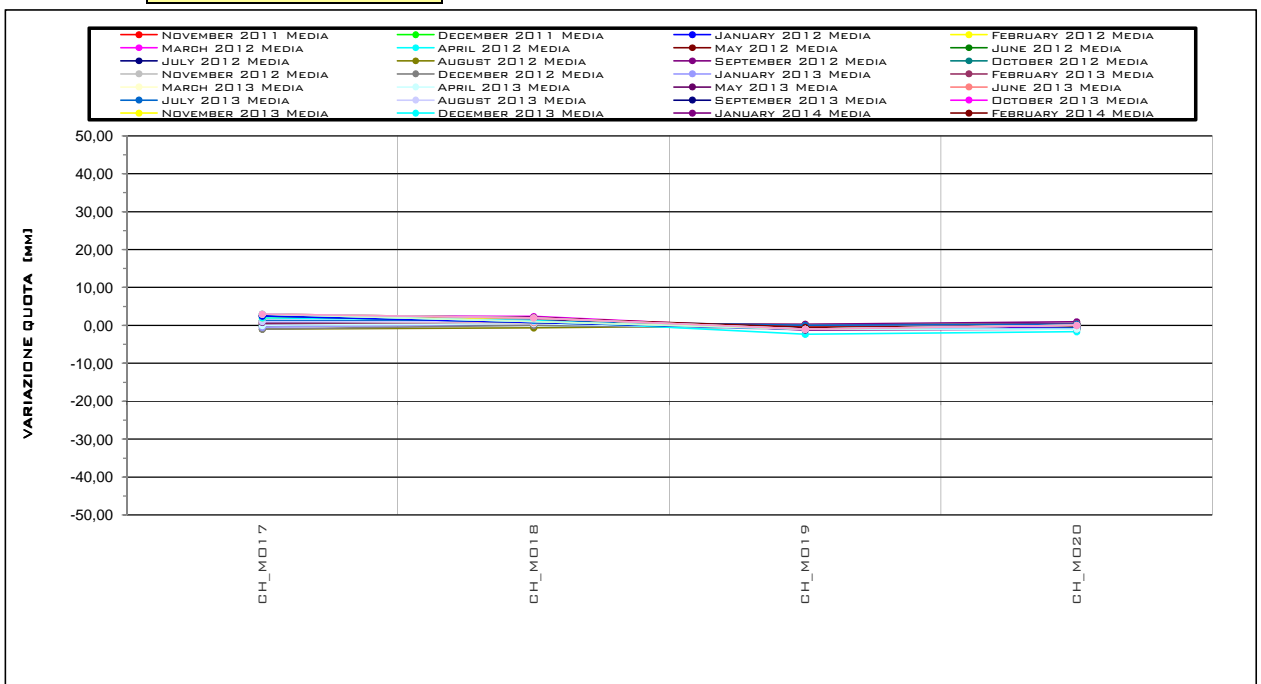


GRAFICO ISOCRONE





Ubicazione STAZIONE CHIAIA
Opera \ \ Il Ordine di Tiranti \ 17-
Tipo Strumento Mire Ottiche
Data posa in opera 17/04/2012
Data lettura di zero 17/04/2012

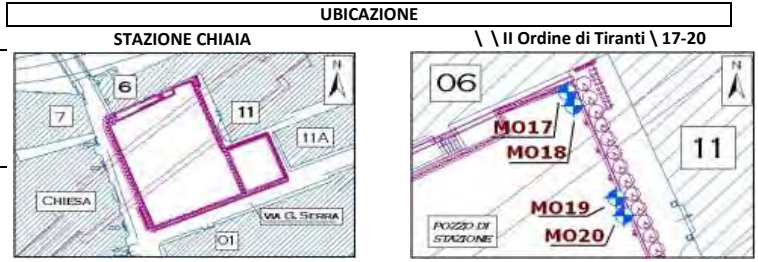


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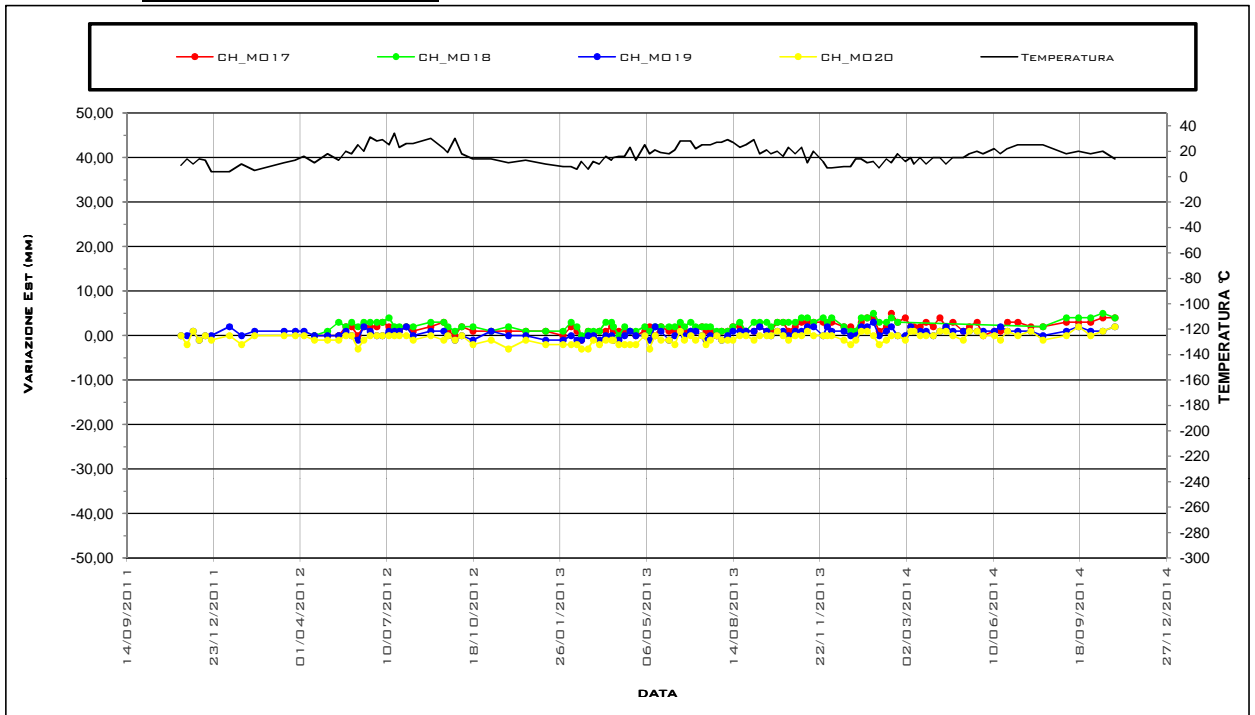
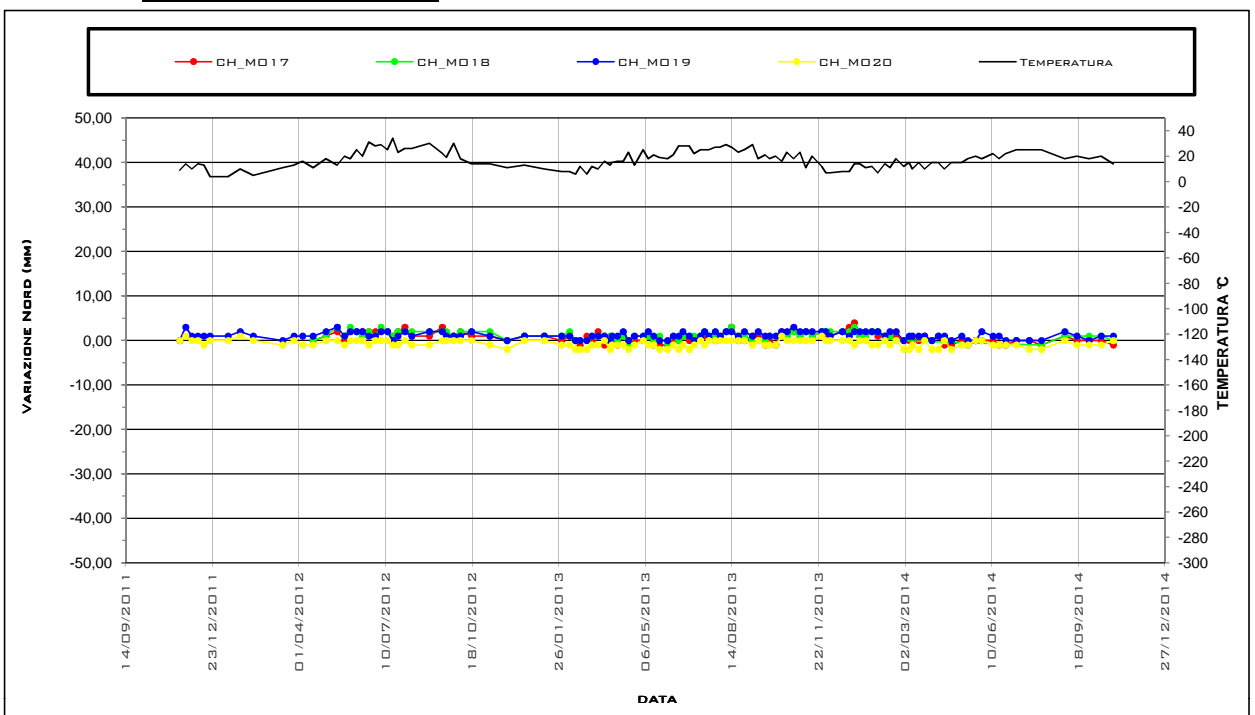


GRAFICO NORD





Ubicazione STAZIONE CHIAIA

Opera \ \ Il Ordine di Tiranti \ 21-24

Tipo Strumento Mire Ottiche

Data posa in opera 02/08/2011

Data lettura di zero 02/08/2011

Ultima Misura 130 in data 28/10/2014

Lett. n°	DATA	CH_M021					CH_M022					CH_M023					CH_M024				
		Temp. Media [°C]	Quota [m]	Quota Spost. [mm]	Est. Spost. [mm]	Nord Spost. [mm]	Temp. Media [°C]	Quota [m]	Quota Spost. [mm]	Est. Spost. [mm]	Nord Spost. [mm]	Temp. Media [°C]	Quota [m]	Quota Spost. [mm]	Est. Spost. [mm]	Nord Spost. [mm]	Temp. Media [°C]	Quota [m]	Quota Spost. [mm]	Est. Spost. [mm]	Nord Spost. [mm]
40	29/08/2012 16.00	30.0	28.9	-2.0	3.0	2.0	30.0	28.9	-2.0	0.0	4.0	30.0	28.8	-2.0	-5.0	6.0	30.0	28.8	-3.0	-4.0	5.0
41	13/09/2012 15.00	22.0	28.9	0.0	3.0	4.0	22.0	28.9	-2.0	1.0	6.0	22.0	28.8	-3.0	-6.0	6.0	22.0	28.8	-3.0	-5.0	6.0
42	18/09/2012 08.00	19.0	28.9	0.0	5.0	5.0	19.0	28.9	-2.0	1.0	6.0	19.0	28.8	-2.0	-5.0	7.0	19.0	28.8	-3.0	-5.0	7.0
43	26/09/2012 15.00	30.0	28.9	0.0	2.0	5.0	30.0	28.9	-1.0	0.0	6.0	30.0	28.8	-1.0	-4.0	7.0	30.0	28.8	-2.0	-5.0	6.0
44	04/10/2012 09.00	18.0	28.9	0.0	2.0	4.0	18.0	28.9	0.0	1.0	5.0	18.0	28.8	-2.0	-6.0	6.0	18.0	28.8	-3.0	-6.0	5.0
45	17/10/2012 08.30	14.0	28.9	0.0	2.0	5.0	14.0	28.9	-1.0	0.0	6.0	14.0	28.8	-4.0	-5.0	7.0	14.0	28.8	-4.0	-5.0	7.0
46	07/11/2012 08.30	14.0	28.9	-1.0	3.0	4.0	14.0	28.9	-2.0	1.0	5.0	14.0	28.8	-3.0	-4.0	8.0	14.0	28.8	-4.0	-3.0	7.0
47	27/11/2012 08.30	11.0	28.9	0.0	-2.0	2.0	11.0	28.9	-1.0	-3.0	3.0	11.0	28.8	-3.0	-5.0	8.0	11.0	28.8	-4.0	-5.0	8.0
48	17/12/2012 08.30	13.0	28.9	-1.0	-1.0	5.0	13.0	28.9	-2.0	-1.0	5.0	13.0	28.8	-6.0	-6.0	8.0	13.0	28.8	-6.0	-5.0	7.0
49	09/01/2013 08.30	10.0	28.9	-1.0	-1.0	3.0	10.0	28.9	-2.0	-4.0	5.0	10.0	28.8	-4.0	-6.0	6.0	10.0	28.8	-4.0	-5.0	7.0
50	29/01/2013 08.30	8.0	28.9	0.0	1.0	4.0	8.0	28.9	-1.0	0.0	6.0	8.0	28.8	-4.0	-5.0	9.0	8.0	28.8	-5.0	-4.0	8.0
51	07/02/2013 15.00	8.0	28.9	1.0	0.0	5.0	8.0	28.9	0.0	-1.0	6.0	8.0	28.8	-3.0	-5.0	7.0	8.0	28.8	-3.0	-5.0	6.0
52	14/02/2013 08.30	6.0	28.9	0.0	0.0	3.0	6.0	28.9	-2.0	-2.0	4.0	6.0	28.8	-2.0	-5.0	9.0	6.0	28.8	-3.0	-4.0	9.0
53	19/02/2013 15.30	12.0	28.9	0.0	2.0	5.0	12.0	28.9	-1.0	1.0	6.0	12.0	28.8	-3.0	-5.0	8.0	12.0	28.8	-4.0	-5.0	7.0
54	27/02/2013 08.30	6.0	28.9	1.0	0.0	4.0	6.0	28.9	-1.0	-2.0	5.0	6.0	28.8	-2.0	-6.0	5.0	6.0	28.8	-4.0	-5.0	4.0
55	05/03/2013 10.30	12.0	28.9	0.0	2.0	6.0	12.0	28.9	-2.0	-1.0	6.0	12.0	28.8	-3.0	-4.0	8.0	12.0	28.8	-3.0	-4.0	7.0
56	12/03/2013 08.30	10.0	28.9	1.0	3.0	5.0	10.0	28.9	-1.0	2.0	6.0	10.0	28.8	-3.0	-6.0	7.0	10.0	28.8	-3.0	-5.0	7.0
57	19/03/2013 16.00	16.0	28.9	1.0	4.0	7.0	16.0	28.9	-1.0	2.0	8.0	16.0	28.8	-2.0	-7.0	8.0	16.0	28.8	-3.0	-7.0	7.0
58	26/03/2013 08.30	13.0	28.9	0.0	1.0	4.0	13.0	28.9	-1.0	-1.0	5.0	13.0	28.8	-2.0	-5.0	5.0	13.0	28.8	-3.0	-4.0	5.0
59	28/03/2013 11.00	15.0	28.9	0.0	3.0	5.0	15.0	28.9	-1.0	1.0	7.0	15.0	28.8	-2.0	-5.0	6.0	15.0	28.8	-3.0	-5.0	5.0
60	03/04/2013 17.30	16.0	28.9	-1.0	2.0	6.0	16.0	28.9	-2.0	0.0	7.0	16.0	28.8	-1.0	-4.0	6.0	16.0	28.8	-2.0	-4.0	6.0
61	10/04/2013 10.30	16.0	28.9	0.0	2.0	6.0	16.0	28.9	0.0	0.0	7.0	16.0	28.8	-2.0	-4.0	8.0	16.0	28.8	-3.0	-5.0	6.0
62	16/04/2013 15.00	23.0	28.9	0.0	6.0	5.0	23.0	28.9	-2.0	3.0	7.0	23.0	28.8	-2.0	-6.0	6.0	23.0	28.8	-2.0	-5.0	4.0
63	23/04/2013 08.30	13.0	28.9	0.0	3.0	8.0	13.0	28.9	-2.0	3.0	7.0	13.0	28.8	-2.0	-5.0	6.0	13.0	28.8	-3.0	-5.0	5.0
64	03/05/2013 14.30	25.0	28.9	0.0	7.0	7.0	25.0	28.9	-1.0	5.0	7.0	25.0	28.8	-1.0	-4.0	7.0	25.0	28.8	-2.0	-4.0	6.0
65	09/05/2013 08.30	18.0	28.9	0.0	3.0	7.0	18.0	28.9	-2.0	2.0	8.0	18.0	28.8	-1.0	-4.0	8.0	18.0	28.8	-2.0	-5.0	7.0
66	15/05/2013 14.30	21.0	28.9	0.0	6.0	6.0	21.0	28.9	-1.0	4.0	6.0	21.0	28.8	-1.0	-7.0	3.0	21.0	28.8	-2.0	-6.0	3.0
67	22/05/2013 08.30	19.0	28.9	0.0	5.0	6.0	19.0	28.9	-1.0	3.0	7.0	19.0	28.8	-1.0	-6.0	6.0	19.0	28.8	-2.0	-6.0	6.0
68	31/05/2013 15.30	18.0	28.9	1.0	3.0	4.0	18.0	28.9	0.0	2.0	5.0	18.0	28.8	-2.0	-5.0	9.0	18.0	28.8	-3.0	-5.0	7.0
69	07/06/2013 08.30	21.0	28.9	0.0	5.0	6.0	21.0	28.9	-1.0	3.0	7.0	21.0	28.8	-2.0	-6.0	7.0	21.0	28.8	-3.0	-6.0	6.0
70	13/06/2013 14.30	28.0	28.9	1.0	7.0	6.0	28.0	28.9	0.0	5.0	7.0	28.0	28.8	-1.0	-4.0	7.0	28.0	28.8	-1.0	-4.0	5.0
71	18/06/2013 09.00	28.0	28.9	-1.0	5.0	7.0	28.0	28.9	-2.0	4.0	8.0	28.0	28.8	-1.0	-6.0	8.0	28.0	28.8	-2.0	-6.0	7.0
72	25/06/2013 18.00	28.0	28.9	0.0	7.0	6.0	28.0	28.9	-1.0	6.0	6.0	28.0	28.8	-1.0	-6.0	7.0	28.0	28.8	-2.0	-5.0	6.0
73	01/07/2013 07.30	22.0	28.9	1.0	7.0	7.0	22.0	28.9	-1.0	6.0	8.0	22.0	28.8	0.0	-6.0	5.0	22.0	28.8	-2.0	-6.0	5.0
74	08/07/2013 17.30	25.0	28.9	1.0	5.0	7.0	25.0	28.9	-1.0	5.0	8.0	25.0	28.8	1.0	-9.0	5.0	25.0	28.8	0.0	-9.0	4.0
75	13/07/2013 07.30	25.0	28.9	0.0	6.0	8.0	25.0	28.9	-1.0	5.0	9.0	25.0	28.8	0.0	-8.0	7.0	25.0	28.8	-2.0	-8.0	5.0
76	18/07/2013 07.30	25.0	28.9	-1.0	7.0	8.0	25.0	28.9	-1.0	5.0	8.0	25.0	28.8	1.0	-7.0	6.0	25.0	28.8	-1.0	-8.0	5.0
77	25/07/2013 08.30	27.0	28.9	0.0	8.0	9.0	27.0	28.9	-1.0	6.0	9.0	27.0	28.8	0.0	-7.0	6.0	27.0	28.8	-1.0	-7.0	5.0
78	31/07/2013 09.00	27.0	28.9	0.0	6.0	9.0	27.0	28.9	-2.0	6.0	9.0	27.0	28.8	1.0	-6.0	8.0	27.0	28.8	-1.0	-6.0	7.0
79	07/08/2013 09.00	29.0	28.9	0.0	7.0	7.0	29.0	28.9	-2.0	6.0	7.0	29.0	28.8	-1.0	-6.0	7.0	29.0	28.8	-2.0	-6.0	5.0
80	13/08/2013 09.00	27.0	28.9	0.0	8.0	6.0	27.0	28.9	-1.0	7.0	6.0	27.0	28.8	-2.0	-6.0	6.0	27.0	28.8	-3.0	-6.0	4.0
81	21/08/2013 07.30	23.0	28.9	0.0	10.0	8.0	23.0	28.9	0.0	8.0	9.0	23.0	28.8	1.0	-7.0	7.0	23.0	28.8	0.0	-7.0	6.0
82	28/08/2013 10.30	25.0	28.9	0.0	10.0	8.0	25.0	28.9	-1.0	7.0	9.0	25.0	28.8	1.0	-8.0	10.0	25.0	28.8	0.0	-9.0	8.0
83	06/09/2013 17.30						29.0	28.9	-1.0	5.0	10.0	29.0	28.8	0.0	-8.0	8.0	29.0	28.8	-1.0	-8.0	5.0
84	13/09/2013 07.30	18.0	28.9	2.0	8.0	8.0	18.0	28.9	0.0	6.0	9.0	18.0	28.8	0.0	-8.0	7.0	18.0	28.8	-1.0	-7.0	5.0
85	21/09/2013 09.30	21.0	28.9	1.0	7.0	7.0	21.0	28.9	-1.0	6.0	8.0	21.0	28.8	0.0	-8.0	8.0	21.0	28.8	-1.0	-7.0	7.0
86	26/09/2013 09.30	18.0	28.9	1.0	9.0	8.0	18.0	28.9	0.0	6.0	9.0	18.0	28.8	0.0	-9.0	8.0	18.0	28.8	-1.0	-8.0	6.0
87	03/10/2013 16.30	20.0	28.9	2.0	8.0	8.0	20.0	28.9	1.0	5.0	8.0	20.0	28.8	0.0	-8.0	7.0	20.0	28.8	-1.0	-8.0	6.0
88	10/10/2013 08.30	16.0	28.9	2.0	10.0	10.0	16.0	28.9	2.0	8.0	10.0	16.0	28.8	0.0	-8.0	7.0	16.0	28.8	-1.0	-8.0	5.0
89	16/10/2013 14.30	23.0	28.9	1.0	9.0	10.0	23.0	28.9	0.0	6.0	10.0	23.0	28.8	-1.0	-8.0	8.0	23.0	28.8	-2.0	-8.0	7.0
90	24/10/2013 08.30	18.0	28.9	1.0	9.0	10.0	18.0	28.9	0.0	6.0	11.0	18.0	28.8	-1.0	-7.0	7.0	18.0	28.8	-2.0	-6.0	6.0
91	31/10/2013 14.30	23.0	28.9	1.0	9.0	11.0	23.0	28.9	0.0	6.0	10.0	23.0	28.8	-1.0	-8.0	8.0	23.0	28.8	-2.0	-8.0	7.0
92	07/11/2013 08.30	11.0	28.9	0.0	9.0	11.0	11.0	28.9	0.0	6.0	10.0	11.0	28.8	-1.0	-8.0	6.0	11.0	28.8	-2.0	-8.0	6.0
93	14/11/2013 14.30	20.0	28.9	0.0	7.0	11.0	20.0	28.9	0.0	8.0	11.0	20.0	28.8	-1.0	-9.0	7.0	20.0	28.8	-2.0	-8.0	6.0
94	25/11/2013 15.30	12.0	28.9	0.0	7.0	10.0	12.0	28.9	1.0	7.0	11.0	12.0	28.8	-1.0	-7.0	7.0	12.0	28.8	-2.0	-7.0	6.0
95	30/11/2013 08.30	7.0	28.9	1.0	8.0	11.0	7.0	28.9	1.0	7.0	10.0	7.0	28.8	-1.0	-7.0	9.0	7.0	28.8	-2.0	-7.0	7.0
96	05/12/2013 08.30	7.0	28.9	2.0	7.0	9.0	7.0	28.9	1.0	6.0											



Ubicazione STAZIONE CHIAIA
Opera \ \ Il Ordine di Tiranti \ 21-
Tipo Strumento Mire Ottiche
Data posa in opera 02/08/2011
Data lettura di zero 02/08/2011

UBICAZIONE

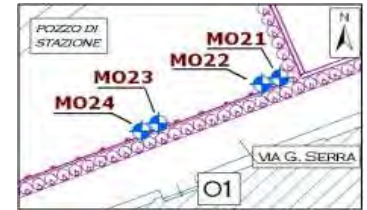


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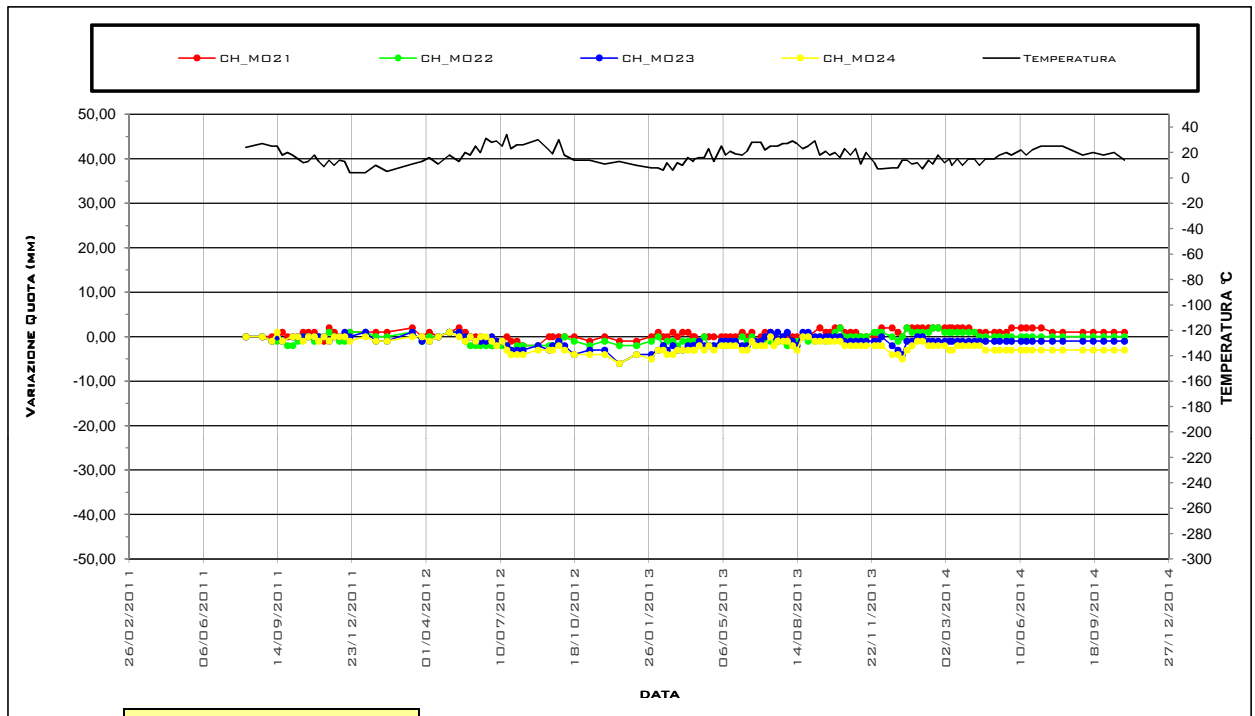
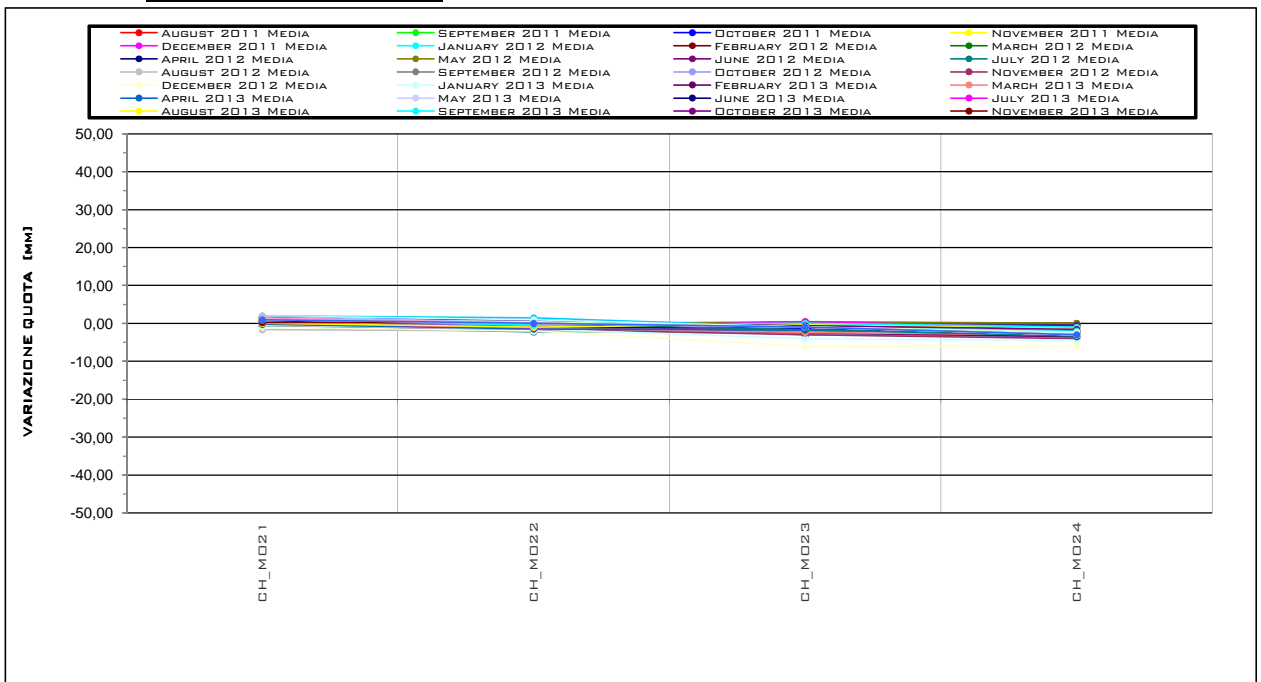


GRAFICO ISOCRONE





Ubicazione STAZIONE CHIAIA
Opera \ \ Il Ordine di Tiranti \ 21-
Tipo Strumento Mire Ottiche
Data posa in opera 02/08/2011
Data lettura di zero 02/08/2011

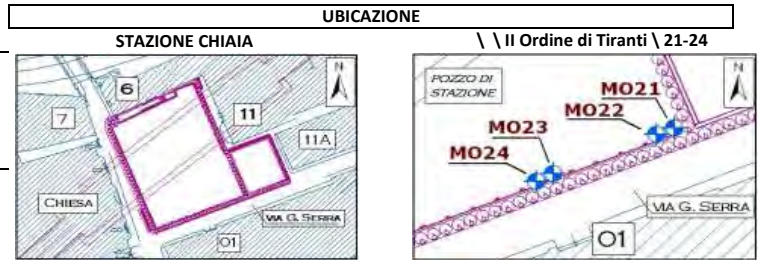


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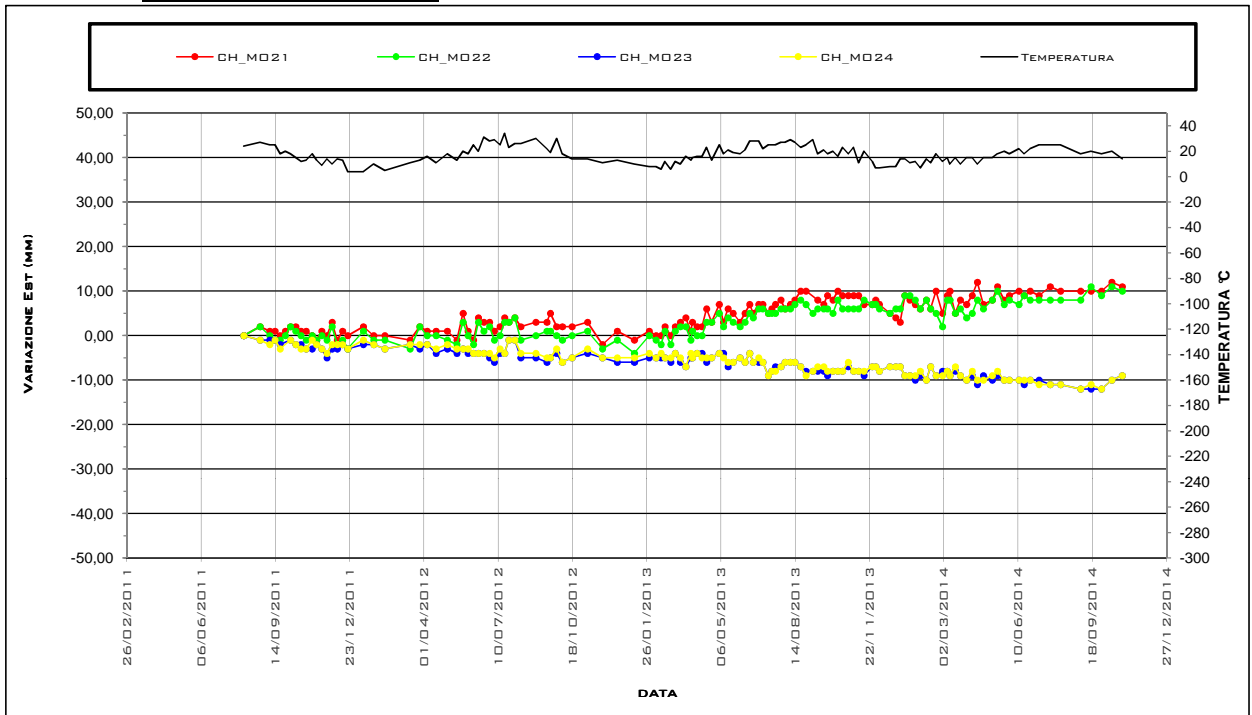
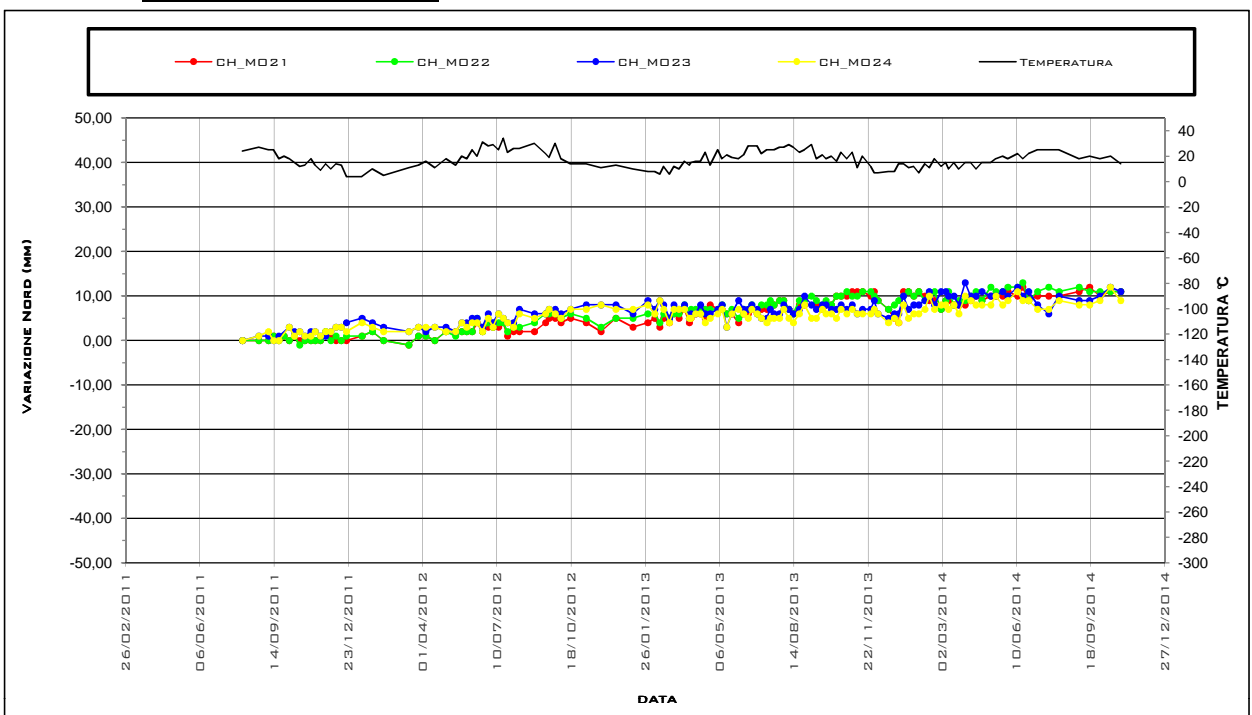


GRAFICO NORD





Ubicazione STAZIONE CHIAIA

Opera \ \ II Ordine di Tiranti \ 25-28

Tipo Strumento Mire Ottiche

Data posa in opera 25/07/2011

Data lettura di zero 25/07/2011

Ultima Misura 132 **in data** 28/10/2014

Letto. n°	DATA	CH_M025					CH_M026					CH_M027					CH_M028				
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42	29/08/2012 16.00	30,0	29,9	-3,0	0,0	5,0	30,0	30,0	-2,0	-2,0	4,0	30,0	29,8	-2,0	1,0	0,0	30,0	29,8	-3,0	2,0	0,0
43	13/09/2012 15.00	22,0	29,9	-2,0	-2,0	7,0	22,0	30,0	-2,0	-2,0	5,0	22,0	29,8	-1,0	1,0	1,0	22,0	29,8	-1,0	0,0	2,0
44	18/09/2012 08.00	19,0	29,9	-2,0	-1,0	7,0	19,0	30,0	-1,0	-1,0	5,0	19,0	29,8	-2,0	0,0	0,0	19,0	29,8	-2,0	1,0	1,0
45	26/09/2012 15.00	30,0	29,9	-1,0	0,0	6,0	30,0	30,0	-1,0	-2,0	4,0	30,0	29,8	-1,0	1,0	1,0	30,0	29,8	-1,0	0,0	1,0
46	04/10/2012 09.00	18,0	29,9	-2,0	2,0	7,0	18,0	30,0	-2,0	-3,0	5,0	18,0	29,8	-1,0	0,0	2,0	18,0	29,8	-2,0	0,0	1,0
47	17/10/2012 08.30	14,0	29,9	-5,0	0,0	6,0	14,0	30,0	-4,0	-2,0	6,0	14,0	29,8	-3,0	1,0	2,0	14,0	29,8	-3,0	1,0	1,0
48	07/11/2012 08.30	14,0	29,9	-3,0	-1,0	7,0	14,0	30,0	-2,0	-1,0	7,0	14,0	29,8	-2,0	2,0	3,0	14,0	29,8	-2,0	1,0	2,0
49	27/11/2012 08.30	11,0	29,9	-2,0	-1,0	8,0	11,0	30,0	-2,0	-2,0	6,0	11,0	29,8	-3,0	1,0	1,0	11,0	29,8	-2,0	1,0	1,0
50	17/12/2012 08.30	13,0	29,9	-4,0	-2,0	7,0	13,0	30,0	-4,0	-2,0	6,0	13,0	29,8	-4,0	1,0	2,0	13,0	29,8	-4,0	0,0	1,0
51	09/01/2013 08.30	10,0	29,9	-3,0	-1,0	8,0	10,0	30,0	-3,0	-2,0	5,0	10,0	29,8	-3,0	1,0	1,0	10,0	29,8	-3,0	0,0	1,0
52	29/01/2013 08.30	8,0	29,9	-3,0	-1,0	8,0	8,0	30,0	-2,0	-3,0	5,0	8,0	29,8	-4,0	0,0	2,0	8,0	29,8	-4,0	1,0	2,0
53	07/02/2013 15.00	8,0	29,9	-2,0	0,0	6,0	8,0	30,0	-1,0	-1,0	5,0	8,0	29,8	-2,0	0,0	0,0	8,0	29,8	-2,0	1,0	0,0
54	14/02/2013 08.30	6,0	29,9	-1,0	-1,0	8,0	6,0	30,0	-1,0	0,0	8,0	6,0	29,8	-2,0	1,0	1,0	6,0	29,8	-2,0	2,0	3,0
55	19/02/2013 15.30	12,0	29,9	-2,0	0,0	8,0	12,0	30,0	-2,0	-1,0	6,0	12,0	29,8	-3,0	1,0	1,0	12,0	29,8	-3,0	1,0	1,0
56	27/02/2013 08.30	6,0	29,9	-1,0	-2,0	5,0	6,0	30,0	-1,0	-3,0	4,0	6,0	29,8	-2,0	-1,0	0,0	6,0	29,8	-2,0	0,0	0,0
57	05/03/2013 10.30	12,0	29,9	-2,0	0,0	7,0	12,0	30,0	-2,0	0,0	6,0										
58	12/03/2013 08.30	10,0	29,9	-2,0	-2,0	7,0	10,0	30,0	-1,0	-2,0	5,0										
59	19/03/2013 16.00	16,0	29,9	-1,0	-1,0	7,0	16,0	30,0	0,0	-2,0	5,0										
60	26/03/2013 08.30	13,0	29,9	-3,0	-1,0	4,0	13,0	30,0	-2,0	-1,0	3,0										
61	28/03/2013 11.00	15,0	29,9	-2,0	0,0	6,0	15,0	30,0	-2,0	-1,0	3,0										
62	03/04/2013 17.30	16,0	29,9	-2,0	0,0	5,0	16,0	30,0	-1,0	-1,0	5,0	16,0	29,8	-2,0	0,0	0,0	16,0	29,8	-3,0	3,0	1,0
63	10/04/2013 10.30	16,0	29,9	-2,0	-2,0	5,0	16,0	30,0	-1,0	-2,0	5,0	16,0	29,8	-3,0	1,0	0,0	16,0	29,8	-3,0	3,0	0,0
64	16/04/2013 15.00	23,0	29,9	-1,0	-1,0	4,0	23,0	30,0	-1,0	-2,0	3,0	23,0	29,8	-1,0	1,0	-1,0	23,0	29,8	-2,0	2,0	0,0
65	23/04/2013 08.30	13,0	29,9	-2,0	0,0	5,0	13,0	30,0	-1,0	-1,0	4,0	13,0	29,8	-3,0	2,0	-1,0	13,0	29,8	-3,0	3,0	0,0
66	03/05/2013 14.30	25,0	29,9	-2,0	-1,0	5,0	25,0	30,0	-1,0	0,0	5,0	25,0	29,8	-2,0	3,0	1,0	25,0	29,8	-2,0	4,0	0,0
67	09/05/2013 08.30	18,0	29,9	-2,0	0,0	5,0	18,0	30,0	-1,0	-1,0	4,0	18,0	29,8	-2,0	3,0	-1,0	18,0	29,8	-2,0	3,0	0,0
68	15/05/2013 14.30	21,0	29,9	0,0	-2,0	3,0	21,0	30,0	0,0	-3,0	2,0	21,0	29,8	-1,0	1,0	-1,0	21,0	29,8	-2,0	1,0	-2,0
69	22/05/2013 08.30	19,0	29,9	-1,0	-2,0	6,0	19,0	30,0	-1,0	-3,0	4,0	19,0	29,8	-2,0	1,0	0,0	19,0	29,8	-2,0	1,0	0,0
70	31/05/2013 15.30	18,0	29,9	-2,0	0,0	7,0	18,0	30,0	-2,0	-2,0	4,0	18,0	29,8	-3,0	2,0	0,0	18,0	29,8	-3,0	3,0	1,0
71	07/06/2013 08.30	21,0	29,9	-2,0	-2,0	6,0	21,0	30,0	-2,0	-2,0	4,0	21,0	29,8	-3,0	2,0	0,0	21,0	29,8	-3,0	2,0	1,0
72	13/06/2013 14.30	28,0	29,9	-1,0	0,0	5,0	28,0	30,0	0,0	-1,0	4,0	28,0	29,8	-2,0	4,0	0,0	28,0	29,8	-2,0	4,0	-1,0
73	18/06/2013 09.00	28,0	29,9	-2,0	-2,0	6,0	28,0	30,0	0,0	-2,0	5,0	28,0	29,8	-4,0	2,0	0,0	28,0	29,8	-3,0	3,0	1,0
74	25/06/2013 18.00	28,0	29,9	-2,0	-2,0	6,0	28,0	30,0	-1,0	-3,0	4,0	28,0	29,8	-4,0	2,0	0,0	28,0	29,8	-3,0	3,0	0,0
75	01/07/2013 07.30	22,0	29,9	-1,0	-3,0	5,0	22,0	30,0	-1,0	-4,0	4,0	22,0	29,8	-3,0	2,0	0,0	22,0	29,8	-3,0	3,0	0,0
76	08/07/2013 17.30	25,0	29,9	1,0	-5,0	5,0	25,0	30,0	1,0	-6,0	4,0	25,0	29,8	-1,0	0,0	0,0	25,0	29,8	-1,0	1,0	1,0
77	13/07/2013 07.30	25,0	29,9	-1,0	-3,0	6,0	25,0	30,0	-1,0	-5,0	5,0	25,0	29,8	-4,0	1,0	1,0	25,0	29,8	-3,0	2,0	2,0
78	18/07/2013 07.30	25,0	29,9	1,0	-3,0	6,0	25,0	30,0	0,0	-5,0	3,0	25,0	29,8	-2,0	3,0	0,0	25,0	29,8	-2,0	3,0	1,0
79	25/07/2013 07.30	27,0	29,9	0,0	-3,0	7,0	27,0	30,0	-1,0	-4,0	4,0	27,0	29,8	-3,0	2,0	0,0	27,0	29,8	-2,0	2,0	1,0
80	31/07/2013 09.00	27,0	29,9	0,0	-2,0	6,0	27,0	30,0	1,0	-3,0	5,0	27,0	29,8	-3,0	3,0	1,0	27,0	29,8	-3,0	4,0	0,0
81	07/08/2013 09.00	29,0	29,9	-1,0	-2,0	5,0	29,0	30,0	0,0	-3,0	4,0	29,0	29,8	-4,0	3,0	1,0	29,0	29,8	-4,0	4,0	0,0
82	13/08/2013 09.00	27,0	29,9	-2,0	-3,0	4,0	27,0	30,0	-1,0	-4,0	3,0	27,0	29,8	-5,0	2,0	1,0	27,0	29,8	-5,0	3,0	1,0
83	21/08/2013 07.30	23,0	29,9	-1,0	-4,0	6,0	23,0	30,0	0,0	-3,0	5,0	23,0	29,8	-2,0	3,0	1,0	23,0	29,8	-3,0	2,0	1,0
84	28/08/2013 10.30	25,0	29,9	1,0	-5,0	9,0	25,0	30,0	1,0	-5,0	7,0	25,0	29,8	-2,0	0,0	3,0	25,0	29,8	-2,0	2,0	3,0
85	06/09/2013 17.30	29,0	29,9	0,0	-5,0	6,0	29,0	30,0	1,0	-4,0	5,0	29,0	29,8	-3,0	2,0	0,0	29,0	29,8	-3,0	2,0	1,0
86	13/09/2013 07.30	18,0	29,9	0,0	-3,0	6,0	18,0	30,0	1,0	-4,0	5,0	18,0	29,8	-2,0	3,0	1,0	18,0	29,8	-3,0	3,0	1,0
87	21/09/2013 09.30	21,0	29,9	-1,0	-4,0	7,0	21,0	30,0	-1,0	-4,0	6,0	21,0	29,8	-3,0	2,0	2,0	21,0	29,8	-3,0	3,0	2,0
88	26/09/2013 09.30	18,0	29,9	0,0	-4,0	7,0	18,0	30,0	0,0	-5,0	5,0	18,0	29,8	-3,0	1,0	2,0	18,0	29,8	-3,0	1,0	1,0
89	03/10/2013 16.30	20,0	29,9	-1,0	-4,0	6,0	20,0	30,0	-1,0	-4,0	5,0	20,0	29,8	-3,0	1,0	2,0	20,0	29,8	-3,0	1,0	1,0
90	10/10/2013 08.30	16,0	29,9	-1,0	-4,0	6,0	16,0	30,0	0,0	-4,0	6,0	16,0	29,8	-3,0	2,0	2,0	16,0	29,8	-3,0	1,0	0,0
91	16/10/2013 14.30	23,0	29,9	-1,0	-4,0	8,0	23,0	30,0	0,0	-5,0	6,0	23,0	29,8	-3,0	2,0	2,0	23,0	29,8	-4,0	1,0	2,0
92	24/10/2013 08.30	18,0	29,9	-1,0	-2,0	6,0	18,0	30,0	-1,0	-3,0	6,0	18,0	29,8	-3,0	4,0	2,0	18,0	29,8	-4,0	3,0	1,0
93	31/10/2013 14.30	23,0	29,9	-1,0	-4,0	7,0	23,0	30,0	-1,0	-4,0	5,0	23,0	29,8	-3,0	1,0	2,0	23,0	29,8	-4,0	1,0	2,0
94	07/11/2013 08.30	11,0	29,9	-1,0	-3,0	6,0	11,0	30,0	-1,0	-5,0	5,0	11,0	29,8	-4,0	1,0	0,0	11,0	29,8	-4,0	2,0	0,0
95	14/11/2013 14.30	20,0	29,9	-1,0	-4,0	7,0	20,0	30,0	0,0	-5,0	6,0	20,0	29,8	-3,0	1,0	2,0	20,0	29,8	-4,0	1,0	1,0
96	25/11/2013 15.30	12,0	29,9	-1,0	-2,0	6,0	12,0	30,0	0,0	-2,0	6,0	12,0	29,8	-3,0	2,0	0,0	12,0	29,8	-4,0	3,0	1,0
97	30/11/2013 08.30	7,0	29,9	-1,0	-3,0	7,0	7,0	30,0	0,0	-3,0	6,0	7,0	29,8	-3,0	2,0	2,0	7,0	29,8	-3,0	3,0	2,0
98	05/12/2013 08.30	7,0	29,9	-1,0	-3,0	7,0	7,0	30,0	1,0	-4,0	5,0	7,0	29,8	-3,0	1,0	2,0	7,0	29,8	-3,0	1,0	1,0
99	19/12/2013 13.00	8,0	29,9	-2,0	-4,0	5,0	8,0	30,0	-1												



Ubicazione STAZIONE CHIAIA
Opera \ \ Il Ordine di Tiranti \ 25-
Tipo Strumento Mire Ottiche
Data posa in opera 25/07/2011
Data lettura di zero 25/07/2011

UBICAZIONE
STAZIONE CHIAIA \ \ Il Ordine di Tiranti \ 25-28

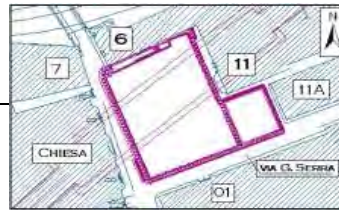


GRAFICO QUOTA

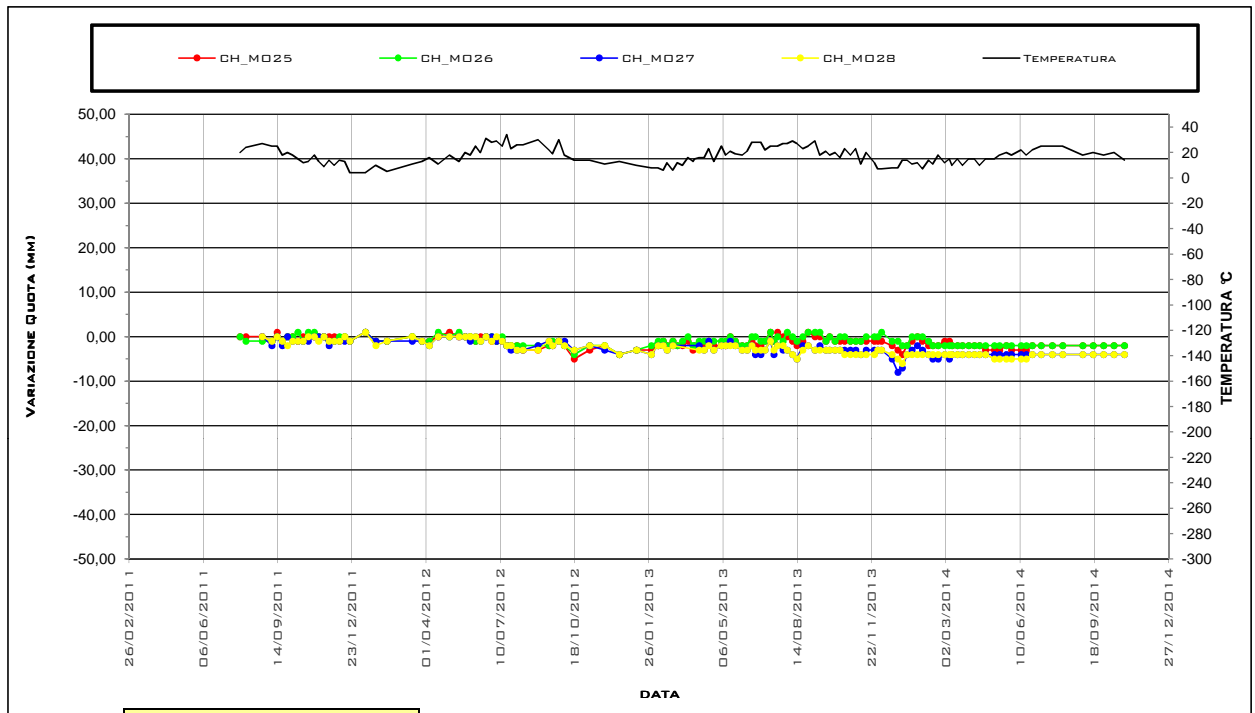
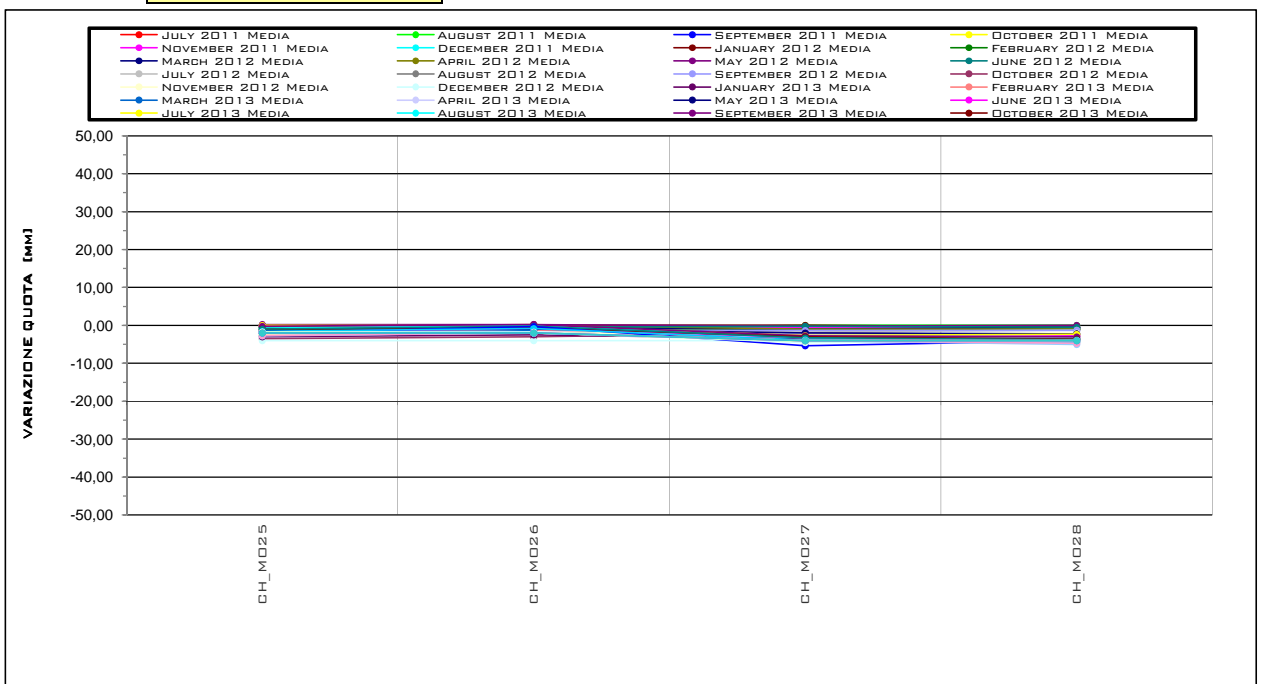


GRAFICO ISOCRONE





Ubicazione STAZIONE CHIAIA
Opera \ \ Il Ordine di Tiranti \ 25-
Tipo Strumento Mire Ottiche
Data posa in opera 25/07/2011
Data lettura di zero 25/07/2011

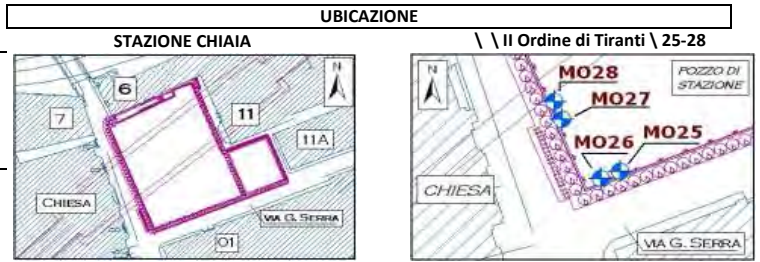


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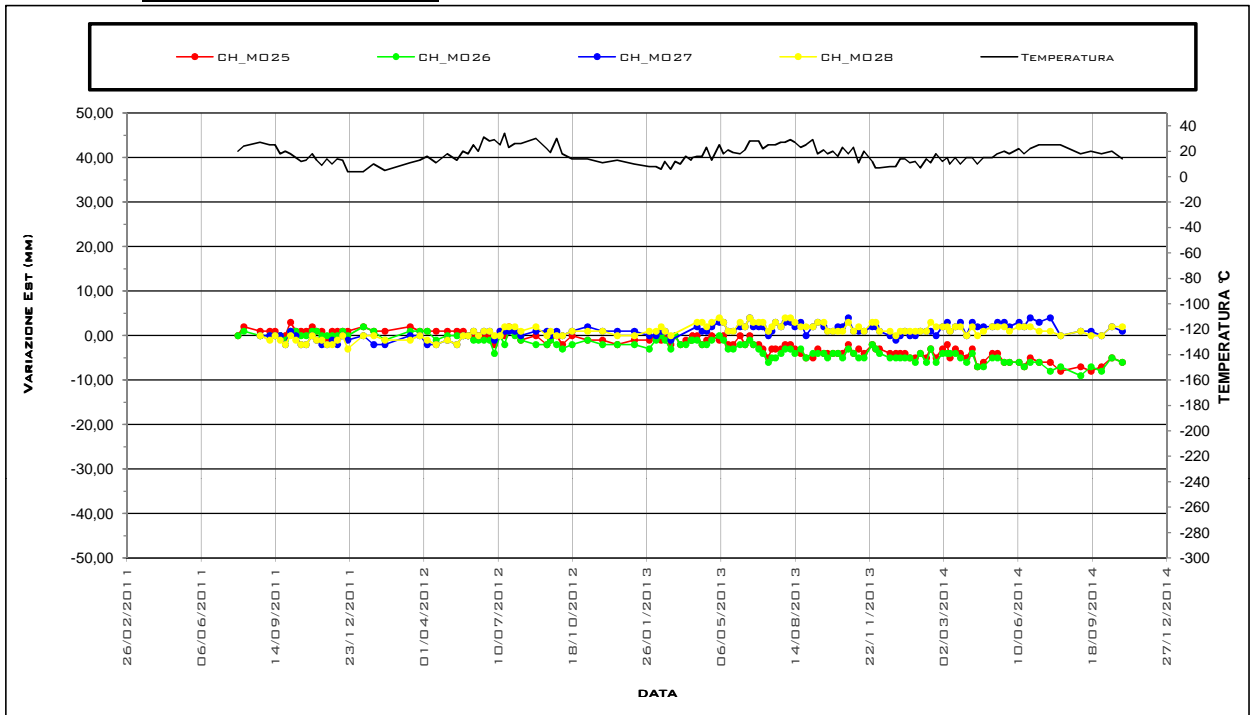
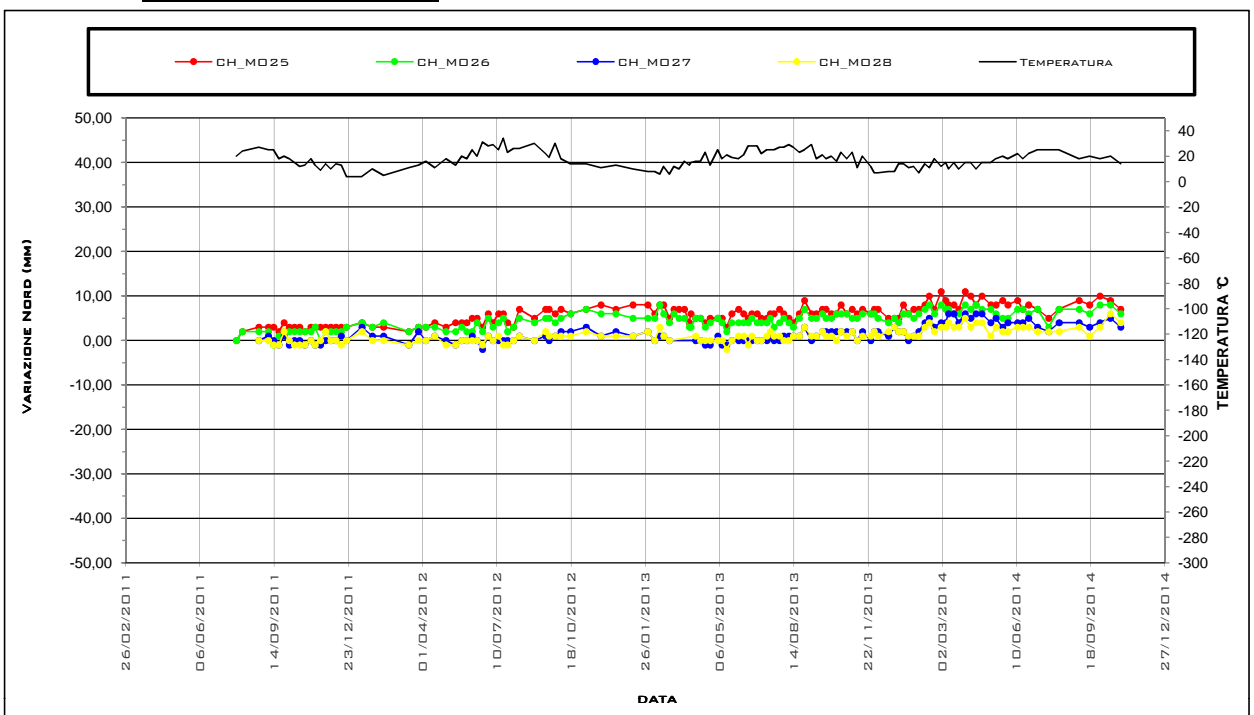


GRAFICO NORD





Ubicazione STAZIONE CHIAIA

Opera \ \ Il Ordine di Tiranti \ 29-32

Tipo Strumento Mire Ottiche

Data posa in opera 24/08/2011

Data lettura di zero 24/08/2011

Ultima Misura 130 in data 28/10/2014

Letto. n°	DATA	CH_M029					CH_M030					CH_M031					CH_M032				
		Temp. Media [°C]	Quota [m]	Quota Spost. [mm]	Est Spost. [mm]	Nord Spost. [mm]	Temp. Media [°C]	Quota [m]	Quota Spost. [mm]	Est Spost. [mm]	Nord Spost. [mm]	Temp. Media [°C]	Quota [m]	Quota Spost. [mm]	Est Spost. [mm]	Nord Spost. [mm]	Temp. Media [°C]	Quota [m]	Quota Spost. [mm]	Est Spost. [mm]	Nord Spost. [mm]
40	29/08/2012 16.00	30,0	30,0	-2,0	2,0	0,0	30,0	30,0	-1,0	1,0	-1,0	30,0	27,9	1,0	2,0	-1,0	30,0	28,0	0,0	0,0	-1,0
41	13/09/2012 15.00	22,0	30,0	0,0	0,0	1,0	22,0	30,0	0,0	0,0	1,0	22,0	27,9	2,0	1,0	0,0	22,0	28,0	2,0	1,0	0,0
42	18/09/2012 08.00	19,0	30,0	-1,0	1,0	1,0	19,0	30,0	-1,0	0,0	1,0	19,0	27,9	1,0	0,0	0,0	19,0	28,0	1,0	0,0	-1,0
43	26/09/2012 15.00	30,0	30,0	-1,0	2,0	0,0	30,0	30,0	0,0	1,0	1,0	30,0	27,9	3,0	3,0	0,0	30,0	28,0	1,0	2,0	0,0
44	04/10/2012 09.00	18,0	30,0	0,0	0,0	2,0	18,0	30,0	-1,0	-1,0	1,0	18,0	27,9	2,0	1,0	1,0	18,0	28,0	1,0	0,0	0,0
45	17/10/2012 08.30	14,0	30,0	-2,0	1,0	1,0	14,0	30,0	-2,0	1,0	1,0	14,0	27,9	1,0	2,0	1,0	14,0	28,0	0,0	1,0	1,0
46	07/11/2012 08.30	14,0	30,0	-1,0	3,0	3,0	14,0	30,0	-2,0	2,0	2,0	14,0	27,9	2,0	4,0	2,0	14,0	28,0	1,0	2,0	1,0
47	27/11/2012 08.30	11,0	30,0	-2,0	2,0	2,0	11,0	30,0	-1,0	1,0	2,0	11,0	27,9	2,0	2,0	1,0	11,0	28,0	1,0	1,0	0,0
48	17/12/2012 08.30	13,0	30,0	-3,0	1,0	1,0	13,0	30,0	-3,0	0,0	1,0	13,0	27,9	0,0	1,0	0,0	13,0	28,0	-1,0	1,0	1,0
49	09/01/2013 08.30	10,0	30,0	-2,0	1,0	1,0	10,0	30,0	-1,0	1,0	1,0	10,0	27,9	0,0	1,0	1,0	10,0	28,0	0,0	0,0	0,0
50	29/01/2013 08.30	8,0	30,0	-3,0	2,0	2,0	8,0	30,0	-3,0	0,0	2,0	8,0	27,9	1,0	2,0	2,0	8,0	28,0	-1,0	1,0	1,0
51	07/02/2013 15.00	8,0	30,0	-1,0	2,0	1,0	8,0	30,0	-1,0	2,0	1,0	8,0	27,9	1,0	2,0	-1,0	8,0	28,0	0,0	1,0	-1,0
52	14/02/2013 08.30	6,0	30,0	-2,0	2,0	2,0	6,0	30,0	-2,0	2,0	2,0	6,0	27,9	1,0	2,0	1,0	6,0	28,0	1,0	3,0	1,0
53	19/02/2013 15.30	12,0	30,0	-2,0	3,0	2,0	12,0	30,0	-2,0	4,0	3,0	12,0	27,9	0,0	3,0	1,0	12,0	28,0	-1,0	2,0	1,0
54	27/02/2013 08.30	6,0	30,0	-2,0	2,0	1,0	6,0	30,0	-1,0	1,0	2,0	6,0	27,9	1,0	2,0	1,0	6,0	28,0	1,0	3,0	0,0
55	05/03/2013 10.30	12,0	30,0	-2,0	4,0	2,0	12,0	30,0	-2,0	3,0	1,0	12,0	27,9	1,0	2,0	-1,0	12,0	28,0	0,0	2,0	-1,0
56	12/03/2013 08.30	10,0	30,0	-2,0	2,0	2,0	10,0	30,0	-2,0	2,0	2,0	10,0	27,9	1,0	3,0	1,0	10,0	28,0	0,0	1,0	0,0
57	19/03/2013 16.00	16,0	30,0	-2,0	2,0	1,0	16,0	30,0	-2,0	2,0	2,0	16,0	27,9	2,0	3,0	1,0	16,0	28,0	0,0	1,0	0,0
58	26/03/2013 08.30	13,0	30,0	-3,0	4,0	0,0	13,0	30,0	-2,0	3,0	0,0	13,0	27,9	0,0	4,0	-2,0	13,0	28,0	-1,0	3,0	-2,0
59	28/03/2013 11.00	15,0	30,0	-3,0	4,0	0,0	15,0	30,0	-3,0	4,0	0,0	15,0	27,9	0,0	4,0	-1,0	15,0	28,0	-1,0	2,0	-2,0
60	03/04/2013 17.30	16,0	30,0	-2,0	5,0	1,0	16,0	30,0	-2,0	4,0	1,0	16,0	27,9	1,0	3,0	0,0	16,0	28,0	1,0	2,0	-1,0
61	10/04/2013 10.30	16,0	30,0	-2,0	4,0	2,0	16,0	30,0	-2,0	5,0	3,0	16,0	27,9	1,0	3,0	1,0	16,0	28,0	0,0	3,0	0,0
62	16/04/2013 15.00	23,0	30,0	-2,0	3,0	0,0	23,0	30,0	-1,0	3,0	1,0	23,0	27,9	2,0	3,0	0,0	23,0	28,0	0,0	3,0	-1,0
63	23/04/2013 08.30	13,0	30,0	-3,0	4,0	1,0	13,0	30,0	-2,0	3,0	1,0	13,0	27,9	0,0	3,0	-1,0	13,0	28,0	-1,0	3,0	-1,0
64	03/05/2013 14.30	25,0	30,0	-1,0	4,0	1,0	25,0	30,0	-1,0	4,0	1,0	25,0	27,9	2,0	5,0	0,0	25,0	28,0	0,0	4,0	0,0
65	09/05/2013 08.30	18,0	30,0	-1,0	5,0	1,0	18,0	30,0	-2,0	4,0	2,0	18,0	27,9	2,0	4,0	1,0	18,0	28,0	0,0	3,0	0,0
66	15/05/2013 14.30	21,0	30,0	-1,0	4,0	-1,0	21,0	30,0	-1,0	2,0	-1,0	21,0	27,9	2,0	5,0	0,0	21,0	28,0	1,0	2,0	-1,0
67	22/05/2013 08.30	19,0	30,0	-1,0	4,0	1,0	19,0	30,0	-1,0	3,0	1,0	19,0	27,9	1,0	3,0	1,0	19,0	28,0	1,0	2,0	0,0
68	31/05/2013 15.30	18,0	30,0	-3,0	4,0	2,0	18,0	30,0	-2,0	4,0	3,0	18,0	27,9	0,0	2,0	1,0	18,0	28,0	0,0	2,0	0,0
69	07/06/2013 08.30	21,0	30,0	-4,0	5,0	1,0	21,0	30,0	-2,0	4,0	3,0	21,0	27,9	1,0	4,0	1,0	21,0	28,0	-1,0	3,0	1,0
70	13/06/2013 14.30	28,0	30,0	-1,0	5,0	0,0	28,0	30,0	-1,0	5,0	1,0	28,0	27,9	2,0	4,0	-1,0	28,0	28,0	1,0	4,0	-1,0
71	18/06/2013 09.00	28,0	30,0	-2,0	4,0	1,0	28,0	30,0	-2,0	3,0	3,0	28,0	27,9	1,0	3,0	1,0	28,0	28,0	0,0	2,0	1,0
72	25/06/2013 18.00	28,0	30,0	-3,0	3,0	1,0	28,0	30,0	-2,0	5,0	2,0	28,0	27,9	1,0	4,0	1,0	28,0	28,0	-1,0	3,0	0,0
73	01/07/2013 07.30	22,0	30,0	-2,0	5,0	2,0	22,0	30,0	-2,0	4,0	2,0	22,0	27,9	1,0	5,0	0,0	22,0	28,0	0,0	4,0	0,0
74	08/07/2013 17.30	25,0	30,0	-2,0	3,0	1,0	25,0	30,0	-1,0	2,0	2,0	25,0	27,9	2,0	4,0	1,0	25,0	28,0	0,0	1,0	0,0
75	13/07/2013 07.30	25,0	30,0	-3,0	4,0	2,0	25,0	30,0	-2,0	4,0	3,0	25,0	27,9	1,0	4,0	1,0	25,0	28,0	0,0	4,0	1,0
76	18/07/2013 07.30	25,0	30,0	-1,0	4,0	1,0	25,0	30,0	-1,0	3,0	2,0	25,0	27,9	2,0	4,0	1,0	25,0	28,0	1,0	3,0	0,0
77	25/07/2013 18.00	27,0	30,0	-3,0	5,0	2,0	27,0	30,0	-2,0	4,0	2,0	27,0	27,9	1,0	4,0	1,0	27,0	28,0	0,0	3,0	0,0
78	31/07/2013 09.00	27,0	30,0	-3,0	6,0	1,0	27,0	30,0	-1,0	5,0	2,0	27,0	27,9	1,0	4,0	1,0	27,0	28,0	0,0	3,0	-1,0
79	07/08/2013 09.00	29,0	30,0	-4,0	5,0	1,0	29,0	30,0	-2,0	5,0	2,0	29,0	27,9	0,0	3,0	1,0	29,0	28,0	-1,0	2,0	-2,0
80	13/08/2013 09.00	27,0	30,0	-5,0	4,0	2,0	27,0	30,0	-3,0	4,0	3,0	27,0	27,9	-1,0	2,0	2,0	27,0	28,0	-2,0	0,0	-1,0
81	21/08/2013 07.30	23,0	30,0	-2,0	5,0	2,0	23,0	30,0	-2,0	5,0	3,0	23,0	27,9	2,0	6,0	1,0	23,0	28,0	0,0	4,0	1,0
82	28/08/2013 10.30	25,0	30,0	-1,0	3,0	4,0	25,0	30,0	0,0	3,0	5,0	25,0	27,9	2,0	3,0	3,0	25,0	28,0	1,0	2,0	2,0
83	06/09/2013 17.30	29,0	30,0	-2,0	3,0	1,0	29,0	30,0	-1,0	3,0	3,0	29,0	27,9	2,0	4,0	1,0	29,0	28,0	1,0	1,0	0,0
84	13/09/2013 07.30	18,0	30,0	-2,0	5,0	1,0	18,0	30,0	-2,0	5,0	3,0	18,0	27,9	1,0	4,0	1,0	18,0	28,0	0,0	4,0	0,0
85	21/09/2013 07.30	21,0	30,0	-3,0	5,0	3,0	21,0	30,0	-3,0	4,0	3,0	21,0	27,9	0,0	3,0	2,0	21,0	28,0	0,0	4,0	1,0
86	26/09/2013 09.30	18,0	30,0	-3,0	3,0	2,0	18,0	30,0	-3,0	3,0	2,0	18,0	27,9	1,0	4,0	1,0	18,0	28,0	0,0	2,0	1,0
87	03/10/2013 16.30	20,0	30,0	-3,0	3,0	2,0	20,0	30,0	-2,0	3,0	3,0	20,0	27,9	1,0	3,0	2,0	20,0	28,0	0,0	2,0	1,0
88	10/10/2013 08.30	16,0	30,0	-3,0	4,0	2,0	16,0	30,0	-2,0	4,0	3,0	16,0	27,9	1,0	3,0	1,0	16,0	28,0	0,0	3,0	0,0
89	16/10/2013 14.30	23,0	30,0	-4,0	3,0	2,0	23,0	30,0	-3,0	4,0	3,0	23,0	27,9	0,0	3,0	1,0	23,0	28,0	-1,0	2,0	1,0
90	24/10/2013 08.30	18,0	30,0	-4,0	5,0	1,0	18,0	30,0	-3,0	5,0	2,0	18,0	27,9	0,0	5,0	1,0	18,0	28,0	-1,0	4,0	1,0
91	31/10/2013 14.30	23,0	30,0	-4,0	4,0	3,0	23,0	30,0	-3,0	3,0	4,0	23,0	27,9	0,0	3,0	2,0	23,0	28,0	-1,0	2,0	1,0
92	07/11/2013 08.30	11,0	30,0	-4,0	5,0	2,0	11,0	30,0	-3,0	4,0	3,0	11,0	27,9	0,0	3,0	1,0	11,0	28,0	-1,0	4,0	0,0
93	14/11/2013 14.30	20,0	30,0	-3,0	3,0	2,0	20,0	30,0	-3,0	3,0	3,0	20,0	27,9	1,0	4,0	1,0	20,0	28,0	-1,0	2,0	0,0
94	25/11/2013 15.30	12,0	30,0	-3,0	5,0	2,0	12,0	30,0	-3,0	4,0	1,0	12,0	27,9	1,0	4,0	1,0	12,0	28,0	-1,0	3,0	-1,0
95	30/11/2013 08.30	7,0	30,0	-3,0	5,0	3,0	7,0	30,0	-3,0	5,0	3,0	7,0	27,9	1,0	4,0	2,0	7,0	28,0	-1,0	4,0	0,0
96	05/12/2013 08.30	7,0	30,0	-3,0	4,0	2,0	7,0	30,0	-3,0	4,0	3,0	7,0									



Ubicazione STAZIONE CHIAIA
Opera \ \ Il Ordine di Tiranti \ 29-
Tipo Strumento Mire Ottiche
Data posa in opera 24/08/2011
Data lettura di zero 24/08/2011

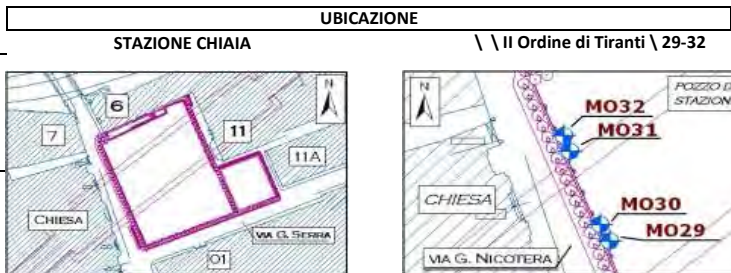


GRAFICO QUOTA

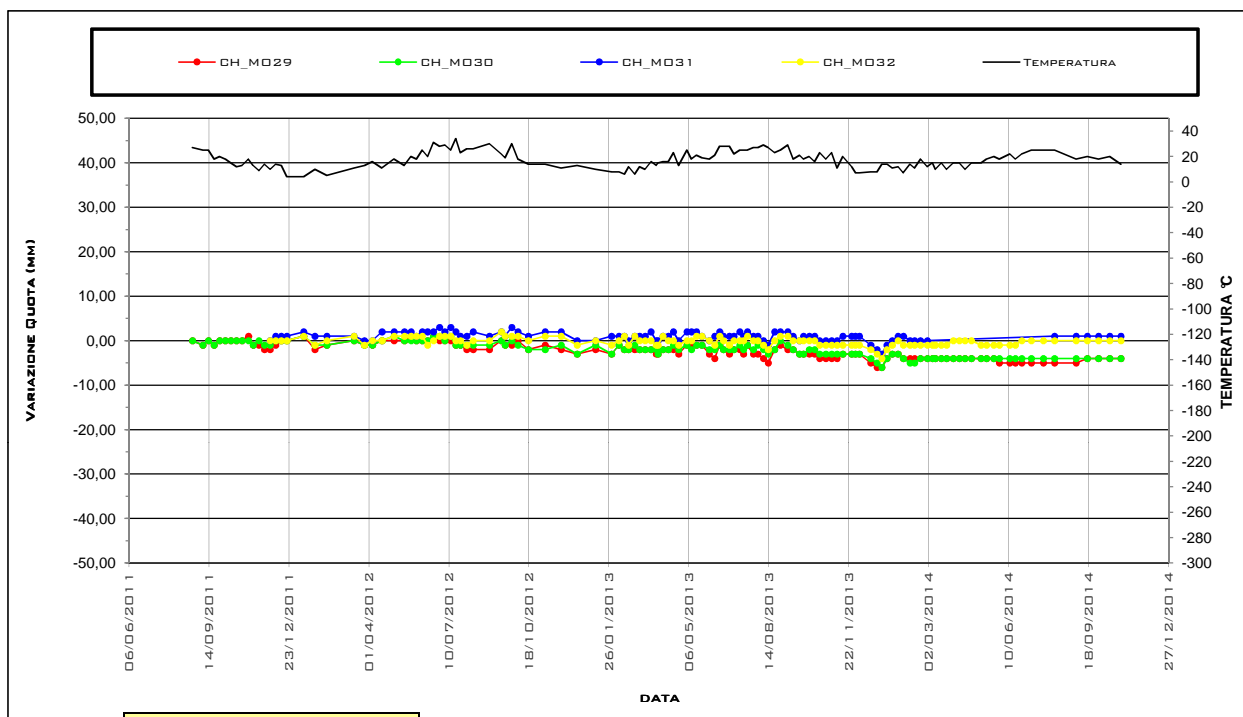
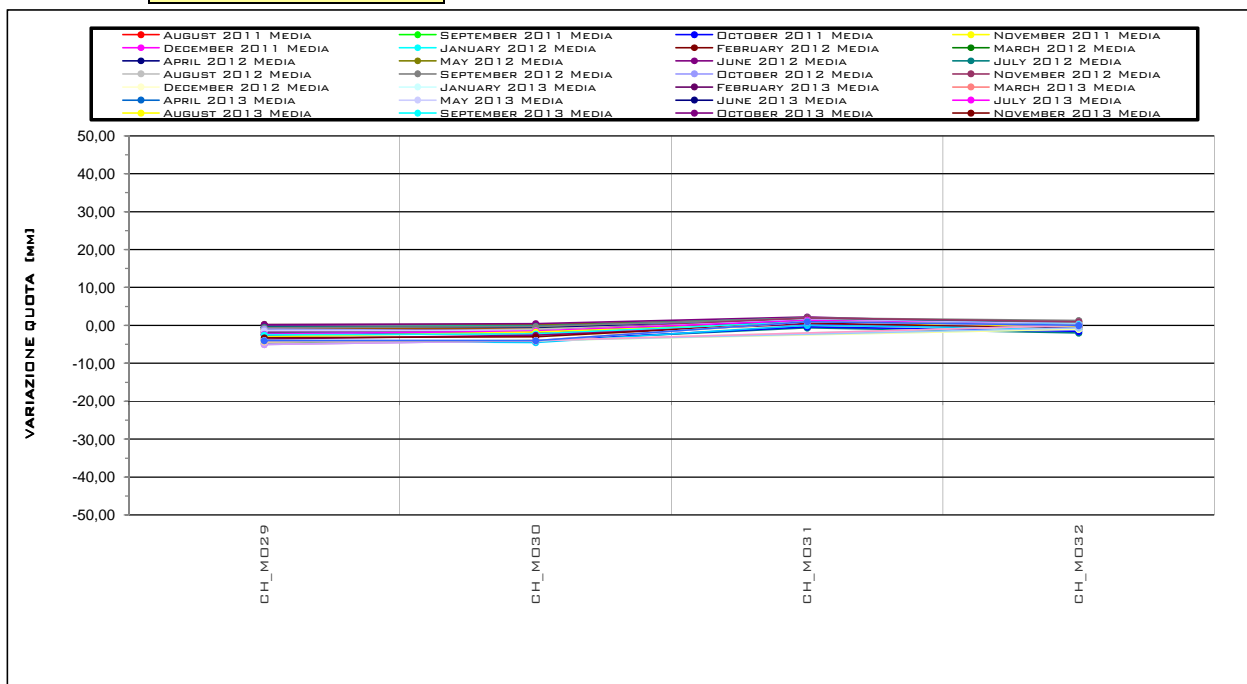


GRAFICO ISOCRONE





Ubicazione STAZIONE CHIAIA
Opera \ \ Il Ordine di Tiranti \ 29-
Tipo Strumento Mire Ottiche
Data posa in opera 24/08/2011
Data lettura di zero 24/08/2011

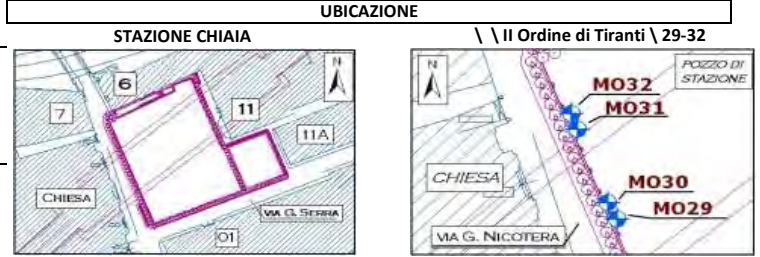


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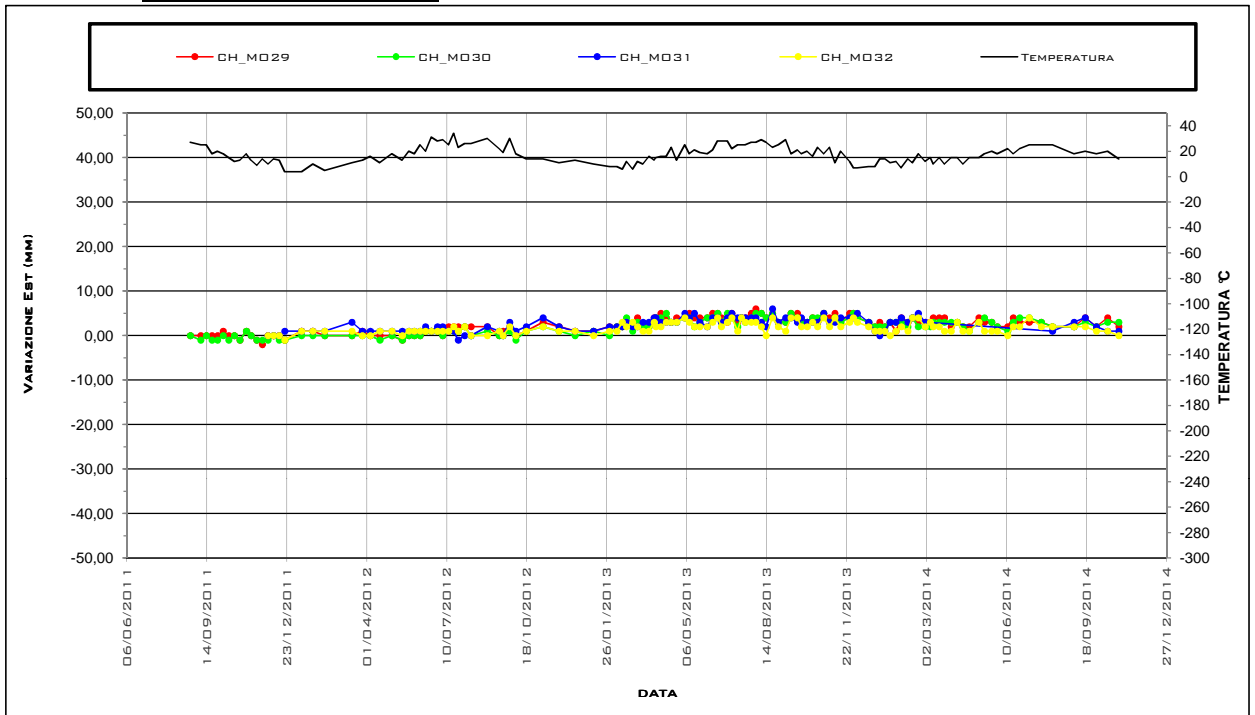
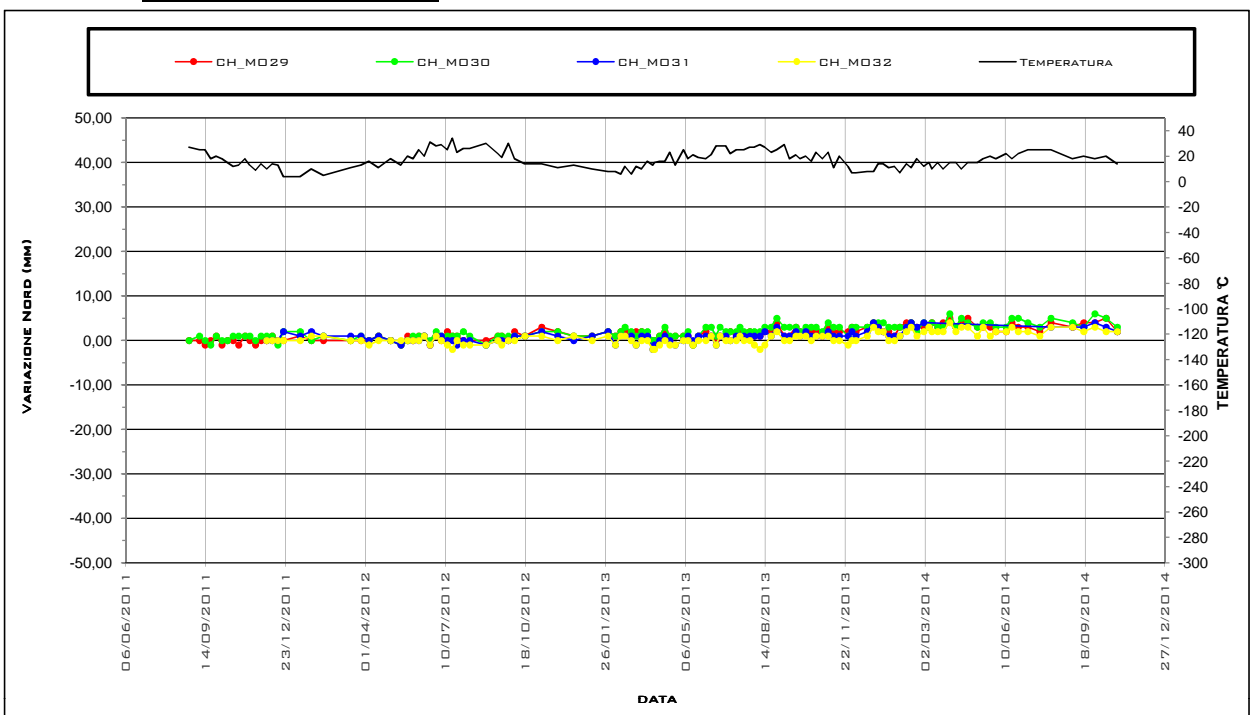


GRAFICO NORD





Ubicazione STAZIONE CHIAIA

Opera \ \ III Ordine - Tufo \ 33-37

Tipo Strumento Mire Ottiche

Data posa in opera 12/07/2012

Data lettura di zero 12/07/2012

Ultima Misura 96 **in data** 28/10/2014

Lett. n°	DATA	CH_M033					CH_M034					CH_M035					CH_M037A					
		Temp. Media [C]	Quota [m]	Quota Spost. [mm]	Est Spost. [mm]	Nord Spost. [mm]	Temp. Media [C]	Quota [m]	Quota Spost. [mm]	Est Spost. [mm]	Nord Spost. [mm]	Temp. Media [C]	Quota [m]	Quota Spost. [mm]	Est Spost. [mm]	Nord Spost. [mm]	Temp. Media [C]	Quota [m]	Quota Spost. [mm]	Est Spost. [mm]	Nord Spost. [mm]	
6	29/08/2012 16.00	30,0	14,4	-2,0	-1,0	-1,0	30,0	11,6	-3,0	0,0	0,0	22,0	11,8	0,0	0,0	0,0						
7	13/09/2012 15.00	22,0	14,4	-2,0	-1,0	-2,0	22,0	11,6	0,0	0,0	3,0	22,0	11,8	0,0	0,0	0,0						
8	18/09/2012 08.00	19,0	14,4	0,0	0,0	0,0	19,0	11,6	0,0	-1,0	2,0	19,0	11,8	-1,0	-3,0	0,0						
9	26/09/2012 15.00	30,0	14,4	-1,0	-1,0	0,0	30,0	11,6	0,0	-1,0	2,0	30,0	11,8	-1,0	0,0	0,0						
10	04/10/2012 09.00	18,0	14,4	-2,0	-3,0	-1,0	18,0	11,6	1,0	-1,0	3,0	18,0	11,8	0,0	-2,0	-1,0						
11	17/10/2012 08.30	14,0	14,4	-1,0	-1,0	-1,0	14,0	11,6	-1,0	-1,0	2,0	14,0	11,8	0,0	0,0	0,0						
12	07/11/2012 08.30	14,0	14,4	0,0	-1,0	0,0	14,0	11,6	-1,0	1,0	3,0	14,0	11,8	-1,0	1,0	0,0						
13	27/11/2012 08.30	11,0	14,4	0,0	-2,0	0,0	11,0	11,6	0,0	0,0	3,0	11,0	11,8	-1,0	-3,0	-2,0						
14	17/12/2012 08.30	13,0	14,4	-2,0	-1,0	0,0	13,0	11,6	-3,0	-1,0	3,0	13,0	11,8	-1,0	0,0	0,0						
15	09/01/2013 08.30	10,0	14,4	-1,0	-2,0	-1,0	10,0	11,6	-1,0	-2,0	3,0	10,0	11,8	-1,0	-3,0	-1,0						
16	29/01/2013 08.30	8,0	14,4	-1,0	-1,0	-1,0	8,0	11,6	-1,0	0,0	1,0	8,0	11,8	0,0	0,0	0,0						
17	07/02/2013 15.00	8,0	14,4	0,0	-1,0	-2,0	8,0	11,6	0,0	-1,0	-1,0	8,0	11,8	1,0	-1,0	1,0						
18	14/02/2013 08.30	6,0	14,4	-1,0	0,0	-1,0	6,0	11,6	0,0	-1,0	0,0	6,0	11,8	-1,0	-1,0	0,0						
19	19/02/2013 15.30	12,0	14,4	-2,0	-1,0	-1,0	12,0	11,6	-1,0	-1,0	1,0	12,0	11,8	0,0	1,0	0,0						
20	27/02/2013 08.30	6,0	14,4	-1,0	-4,0	-4,0	6,0	11,6	0,0	-2,0	0,0	6,0	11,8	-1,0	-1,0	0,0						
21	05/03/2013 10.30	12,0	14,4	-1,0	-2,0	-1,0	12,0	11,6	1,0	-2,0	2,0	12,0	11,8	-1,0	0,0	0,0						
22	12/03/2013 08.30	10,0	14,4	0,0	-1,0	-2,0	10,0	11,6	1,0	-1,0	2,0	10,0	11,8	2,0	0,0	1,0						
23	19/03/2013 16.00	16,0	14,4	0,0	-3,0	-3,0	16,0	11,6	1,0	-2,0	1,0	16,0	11,8	0,0	3,0	1,0						
24	26/03/2013 08.30	13,0	14,4	-1,0	0,0	-4,0	13,0	11,6	0,0	0,0	-1,0	13,0	11,8	0,0	0,0	0,0						
25	28/03/2013 11.00	15,0	14,4	-2,0	-1,0	-4,0	15,0	11,6	-1,0	0,0	-1,0	15,0	11,8	1,0	1,0	1,0						
26	03/04/2013 17.30	16,0	14,4	1,0	1,0	-3,0	16,0	11,6	0,0	0,0	-1,0	16,0	11,8	-1,0	1,0	2,0						
27	10/04/2013 10.30	16,0	14,4	0,0	0,0	-2,0	16,0	11,6	0,0	0,0	1,0	16,0	11,8	0,0	0,0	1,0						
28	16/04/2013 15.00	23,0	14,4	0,0	-2,0	-3,0	23,0	11,6	1,0	-2,0	-1,0	23,0	11,8	0,0	3,0	0,0						
29	23/04/2013 08.30	13,0	14,4	-1,0	0,0	-2,0	13,0	11,6	0,0	0,0	-1,0	13,0	11,8	0,0	2,0	2,0						
30	03/05/2013 14.30	25,0	14,4	1,0	1,0	-3,0	25,0	11,6	1,0	1,0	1,0	25,0	11,8	0,0	4,0	3,0						
31	09/05/2013 08.30	18,0	14,4	1,0	1,0	-2,0	18,0	11,6	1,0	0,0	1,0	18,0	11,8	-1,0	2,0	2,0						
32	15/05/2013 14.30	21,0	14,4	2,0	-2,0	-3,0	21,0	11,6	1,0	-1,0	-2,0	21,0	11,8	-1,0	4,0	1,0						
33	22/05/2013 08.30	19,0	14,4	1,0	-1,0	-2,0	19,0	11,6	0,0	-1,0	0,0	19,0	11,8	-1,0	3,0	1,0						
34	31/05/2013 15.30	18,0	14,4	-1,0	1,0	0,0	18,0	11,6	0,0	1,0	1,0	18,0	11,8	1,0	1,0	0,0						
35	07/06/2013 08.30	21,0	14,4	0,0	-2,0	-2,0	21,0	11,6	0,0	-1,0	1,0	21,0	11,8	-1,0	2,0	2,0						
36	13/06/2013 14.30	28,0	14,4	1,0	0,0	-3,0	28,0	11,6	2,0	2,0	0,0	28,0	11,8	1,0	3,0	1,0						
37	18/06/2013 09.00	28,0	14,4	1,0	-1,0	-1,0	28,0	11,6	1,0	-1,0	1,0	28,0	11,8	0,0	1,0	2,0						
38	25/06/2013 18.00	28,0	14,4	1,0	-1,0	-1,0	28,0	11,6	0,0	-2,0	0,0	28,0	11,8	0,0	0,0	0,0						
39	01/07/2013 07.30	22,0	14,4	0,0	-2,0	-1,0	22,0	11,6	0,0	-2,0	1,0	22,0	11,8	1,0	4,0	3,0	22,0	10,6	0,0	0,0	0,0	0,0
40	08/07/2013 17.30	25,0	14,4	0,0	-5,0	-2,0	25,0	11,6	1,0	-5,0	-1,0	25,0	11,8	2,0	4,0	4,0	25,0	10,6	-1,0	-2,0	0,0	0,0
41	13/07/2013 07.30	25,0	14,4	-1,0	-3,0	-1,0	25,0	11,6	0,0	-4,0	2,0	25,0	11,8	0,0	4,0	3,0	25,0	10,6	-1,0	0,0	2,0	2,0
42	18/07/2013 07.30	25,0	14,4	1,0	-3,0	-1,0	25,0	11,6	1,0	-3,0	0,0	25,0	11,8	0,0	4,0	3,0	25,0	10,6	-1,0	-1,0	1,0	1,0
43	25/07/2013 18.00	27,0	14,4	0,0	-2,0	-1,0	27,0	11,6	0,0	-3,0	-1,0	27,0	11,8	1,0	5,0	4,0	27,0	10,6	-1,0	1,0	2,0	2,0
44	31/07/2013 09.00	27,0	14,4	0,0	0,0	-1,0	27,0	11,6	1,0	-1,0	0,0	27,0	11,8	-1,0	4,0	5,0	27,0	10,6	-2,0	-1,0	2,0	2,0
45	07/08/2013 09.00	29,0	14,4	-1,0	0,0	-2,0	29,0	11,6	0,0	-1,0	-1,0	29,0	11,8	-1,0	4,0	3,0	29,0	10,6	-3,0	1,0	0,0	0,0
46	13/08/2013 09.00	27,0	14,4	-2,0	-1,0	-3,0	27,0	11,6	-1,0	-2,0	-2,0	27,0	11,8	0,0	5,0	2,0	27,0	10,6	-3,0	2,0	-1,0	-1,0
47	21/08/2013 07.30	23,0	14,4	1,0	-2,0	0,0	23,0	11,6	1,0	-1,0	2,0	23,0	11,8	1,0	7,0	3,0	23,0	10,6	-1,0	2,0	2,0	2,0
48	28/08/2013 10.30	25,0	14,4	1,0	-3,0	1,0	25,0	11,6	2,0	-4,0	4,0	25,0	11,8	1,0	6,0	4,0	25,0	10,6	-1,0	3,0	3,0	3,0
49	06/09/2013 17.30	29,0	14,4	1,0	-3,0	-1,0	29,0	11,6	0,0	-3,0	1,0	29,0	11,8	2,0	6,0	3,0						
50	13/09/2013 07.30	18,0	14,4	0,0	-2,0	-2,0	18,0	11,6	0,0	-2,0	0,0	18,0	11,8	1,0	6,0	4,0	18,0	10,6	1,0	-1,0	2,0	2,0
51	21/09/2013 09.00	21,0	14,4	-1,0	-2,0	0,0	21,0	11,6	1,0	-2,0	2,0	21,0	11,8	2,0	7,0	3,0	21,0	10,6	-1,0	2,0	0,0	0,0
52	26/09/2013 09.00	18,0	14,4	0,0	-3,0	0,0	18,0	11,6	1,0	-3,0	1,0	18,0	11,8	2,0	7,0	4,0	18,0	10,6	2,0	-1,0	2,0	2,0
53	03/10/2013 16.30	20,0	14,4	0,0	-3,0	0,0	20,0	11,6	1,0	-2,0	2,0	20,0	11,8	2,0	6,0	3,0	20,0	10,6	2,0	-2,0	2,0	2,0
54	10/10/2013 08.30	16,0	14,4	0,0	-2,0	-2,0	16,0	11,6	1,0	-2,0	2,0	16,0	11,8	3,0	7,0	5,0	16,0	10,6	3,0	0,0	3,0	3,0
55	16/10/2013 14.30	23,0	14,4	-1,0	-3,0	0,0	23,0	11,6	1,0	-2,0	3,0	23,0	11,8	2,0	5,0	4,0	23,0	10,6	1,0	-1,0	2,0	2,0
56	24/10/2013 08.30	18,0	14,4	-1,0	-2,0	-1,0	18,0	11,6	1,0	0,0	1,0	18,0	11,8	2,0	5,0	6,0	18,0	10,6	0,0	0,0	3,0	3,0
57	31/10/2013 14.30	23,0	14,4	-1,0	-4,0	0,0	23,0	11,6	0,0	-3,0	2,0	23,0	11,8	2,0	6,0	5,0	23,0	10,6	-1,0	3,0	1,0	1,0
58	07/11/2013 08.30	11,0	14,4	-1,0	-3,0	-2,0	11,0	11,6	0,0	-3,0	0,0	11,0	11,8	2,0	5,0	5,0	11,0	10,6	0,0	2,0	2,0	2,0
59	14/11/2013 14.30	20,0	14,4	-1,0	-3,0	-2,0	20,0	11,6	1,0	-3,0	2,0	20,0	11,8	2,0	6,0	5,0	20,0	10,6	0,0	2,0	2,0	2,0
60	25/11/2013 15.30	12,0	14,4	-1,0	-1,0	-2,0	12,0	11,6	1,0	-1,0	1,0	12,0	11,8	2,0	6,0	6,0	12,0	10,6	0,0	5,0	2,0	2,0
61	30/11/2013 08.30	7,0	14,4	-1,0	-2,0	-1,0	7,0	11,6	1,0	-1,0	2,0	7,0	11,8	2,0	8,0	4,0	7,0	10,6	0,0	3,0	4,0	4,0
62	05/12/2013 08.30	7,0	14,4	-1,0	-3,0	-1,0	7,0	11,6	1,0	-3,0	1,0	7,0	11,8	2,0	5,0	3,0	7,0	10,6	0,0	1,0	3,0	3,0
63	19/12/2013 13.00	8,0	14,4	-2,0	-3,0	-2,0	8,0	11,6	-1,0	-4,0	0,0	8,0	11,8	2,0	4,0	1,0	8,0	10,6	-1,0	2,0	1,0	1,0
64	27/12/2013 09.00	8,0	14,4	-3,0	-4,0	-1,0	8,0	11,6	-2,0	-3,0	-1,0	8,0	11,8	1,0	5,0	2,						



Ubicazione STAZIONE CHIAIA
Opera \ \ III Ordine - Tufo \ 33-37
Tipo Strumento Mire Ottiche
Data posa in opera 12/07/2012
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UBICAZIONE

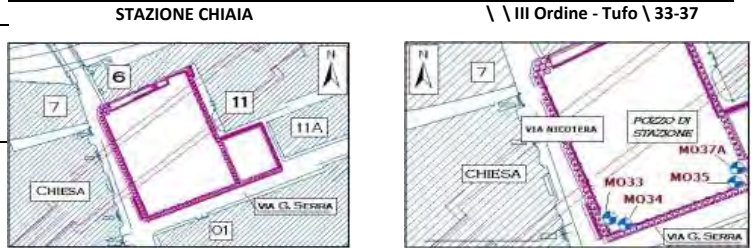


GRAFICO QUOTA

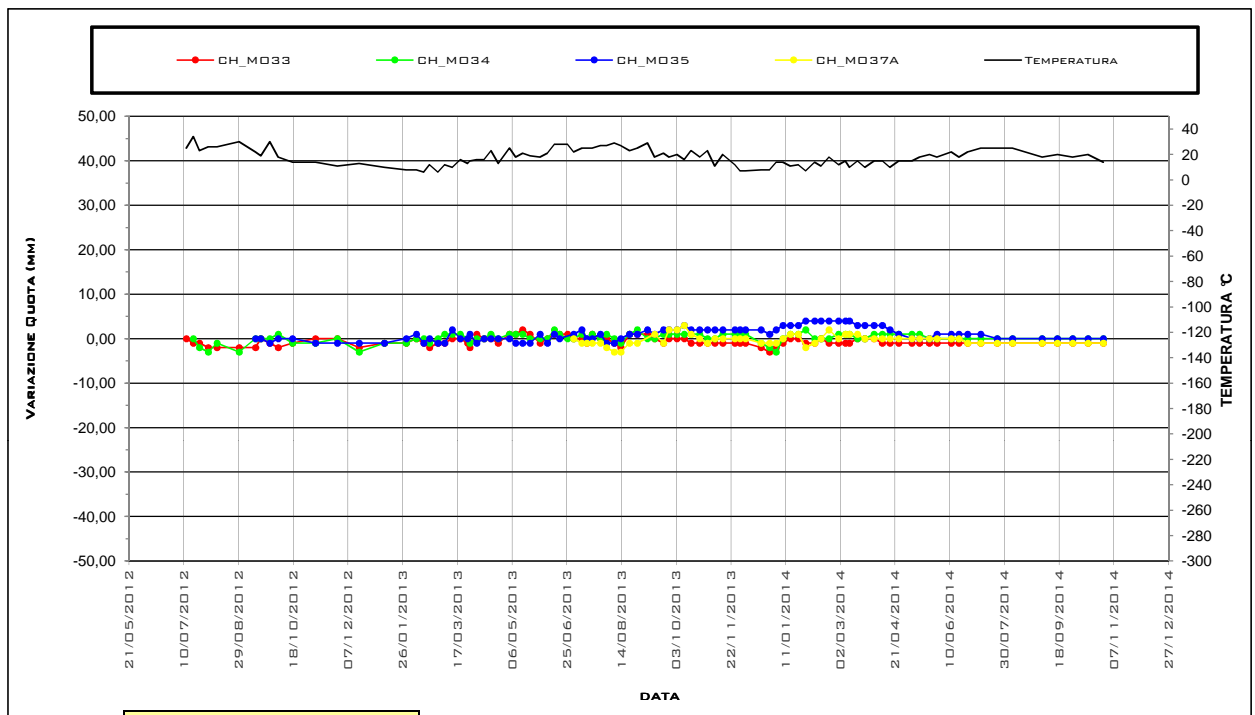
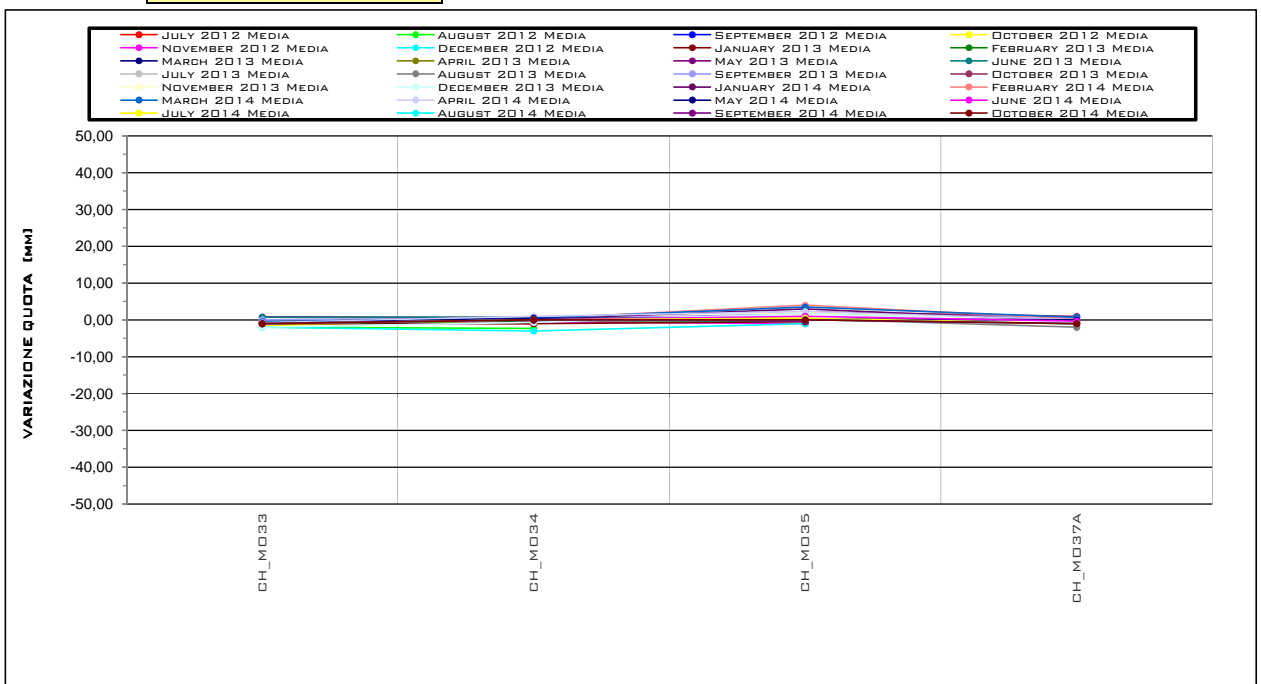


GRAFICO ISOCRONE





Ubicazione STAZIONE CHIAIA
Opera \ \ III Ordine - Tufo \ 33-37
Tipo Strumento Mire Ottiche
Data posa in opera 12/07/2012
Data lettura di zero 12/07/2012

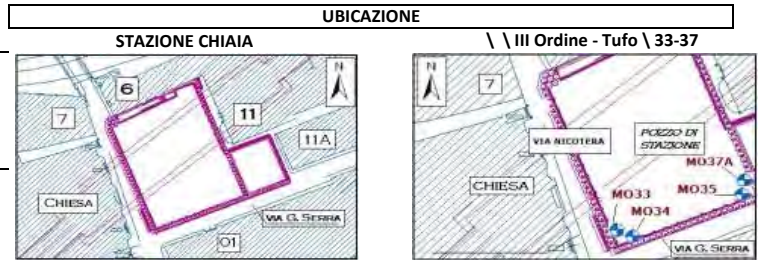


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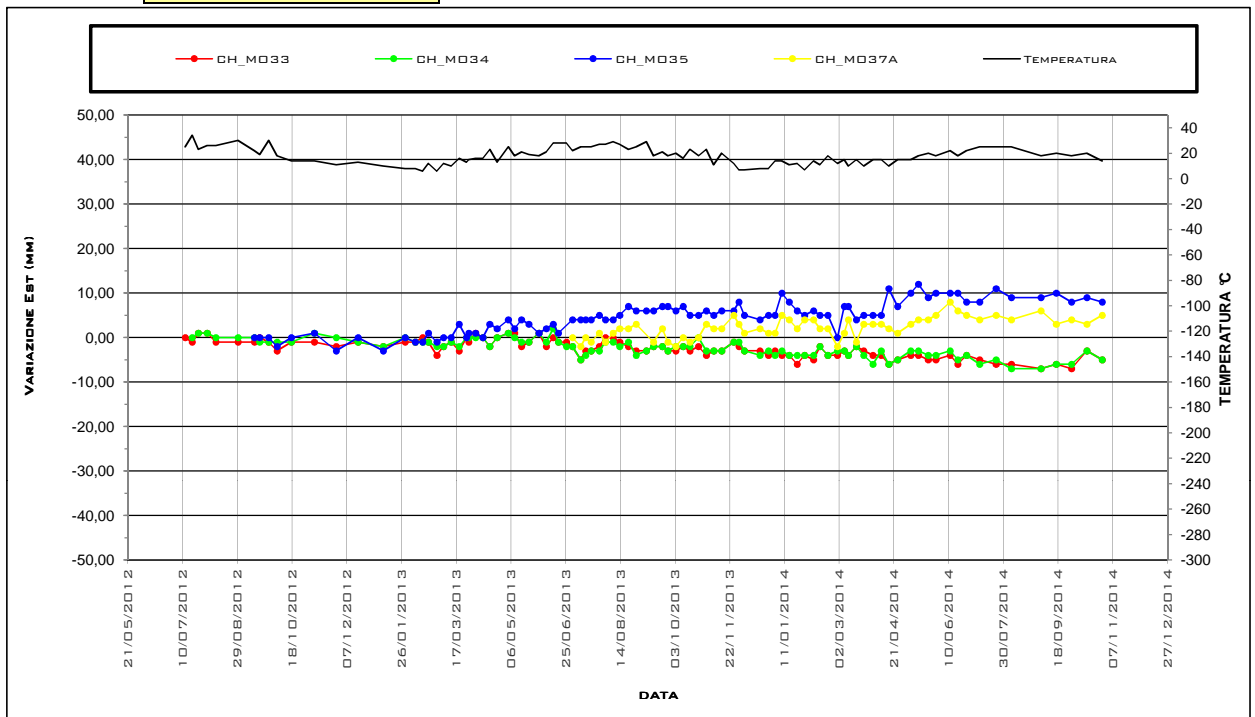
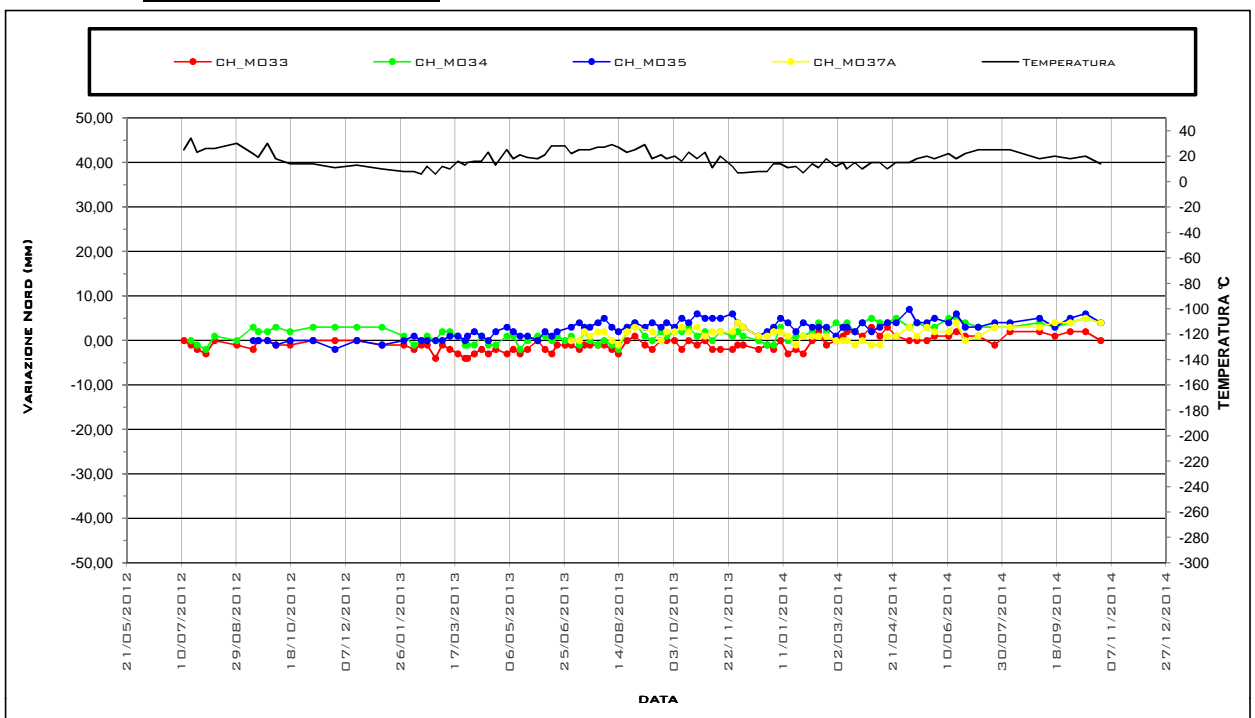


GRAFICO NORD





Ubicazione STAZIONE CHIAIA

Opera \ \ IV Ordine - Tufo \ 36A

Tipo Strumento Mire Ottiche

Data posa in opera 13/09/2012

Data lettura di zero 13/09/2012

Ultima 85 **in** **28/10/2014**
Misura **data**

Lett. n°	DATA	CH_M036					CH_M036A				
		Temp. Media [°C]	Quota [m]	Quota Spost. [mm]	Est Spost. [mm]	Nord Spost. [mm]	Temp. Media [°C]	Quota [m]	Quota Spost. [mm]	Est Spost. [mm]	Nord Spost. [mm]
1	13/09/2012 15.00	22,0	7,6	0,0	0,0	0,0					
2	18/09/2012 08.00	19,0	7,6	-1,0	0,0	0,0					
3	26/09/2012 15.00	30,0	7,6	0,0	1,0	2,0					
4	04/10/2012 09.00	18,0	7,6	-1,0	-2,0	0,0					
5	17/10/2012 08.30	14,0	7,6	-2,0	0,0	1,0					
6	07/11/2012 08.30	14,0	7,6	-1,0	1,0	2,0					
7	27/11/2012 08.30	11,0	7,6	0,0	1,0	1,0					
8	17/12/2012 08.30	13,0	7,6	-2,0	0,0	2,0					
9	09/01/2013 08.30	10,0	7,6	-1,0	-1,0	0,0					
10	29/01/2013 08.30	8,0	7,6	-2,0	0,0	0,0					
11	07/02/2013 15.00	8,0	7,6	0,0	-1,0	-1,0					
12	14/02/2013 08.30	6,0	7,6	-1,0	0,0	1,0					
13	19/02/2013 15.30	12,0	7,6	-1,0	0,0	1,0					
14	28/03/2013 11.00						15,0	9,3	0,0	0,0	0,0
15	03/04/2013 17.30						16,0	9,3	0,0	3,0	-1,0
16	10/04/2013 10.30						16,0	9,3	0,0	1,0	1,0
17	16/04/2013 15.00						23,0	9,3	0,0	2,0	-1,0
18	23/04/2013 08.30						13,0	9,3	-1,0	3,0	-1,0
19	03/05/2013 14.30						25,0	9,3	-1,0	5,0	0,0
20	09/05/2013 08.30						18,0	9,3	-2,0	4,0	-1,0
21	15/05/2013 14.30						21,0	9,3	-1,0	2,0	-2,0
22	22/05/2013 08.30						19,0	9,3	-1,0	1,0	-1,0
23	31/05/2013 15.30						18,0	9,3	-2,0	3,0	0,0
24	07/06/2013 08.30						21,0	9,3	-2,0	2,0	-1,0
25	13/06/2013 14.30						28,0	9,3	-1,0	4,0	-2,0
26	18/06/2013 09.00						28,0	9,3	0,0	2,0	0,0
27	25/06/2013 18.00						28,0	9,3	-2,0	3,0	-1,0
28	01/07/2013 07.30						22,0	9,3	-1,0	2,0	-1,0
29	08/07/2013 17.30						25,0	9,3	-1,0	-1,0	-1,0
30	13/07/2013 07.30						25,0	9,3	-2,0	-1,0	2,0
31	18/07/2013 07.30						25,0	9,3	-1,0	0,0	1,0
32	25/07/2013 18.00						27,0	9,3	-1,0	0,0	1,0
33	31/07/2013 09.00						27,0	9,3	-1,0	3,0	2,0
34	07/08/2013 09.00						29,0	9,2	-3,0	2,0	0,0
35	13/08/2013 09.00						27,0	9,2	-4,0	1,0	-1,0
36	21/08/2013 07.30						23,0	9,3	-1,0	1,0	2,0
37	28/08/2013 10.30						25,0	9,3	1,0	0,0	4,0
38	06/09/2013 17.30						29,0	9,3	-1,0	0,0	0,0
39	13/09/2013 07.30						18,0	9,3	-1,0	0,0	1,0
40	21/09/2013 09.30						21,0	9,3	-2,0	1,0	2,0
41	26/09/2013 09.30						18,0	9,3	-2,0	0,0	1,0
42	03/10/2013 16.30						20,0	9,3	-2,0	1,0	2,0
43	10/10/2013 08.30						16,0	9,3	-1,0	1,0	2,0
44	16/10/2013 14.30						23,0	9,3	-2,0	1,0	2,0
45	24/10/2013 08.30						18,0	9,3	-2,0	3,0	2,0
46	31/10/2013 14.30						23,0	9,2	-3,0	0,0	3,0
47	07/11/2013 08.30						11,0	9,3	-2,0	0,0	2,0
48	14/11/2013 14.30						20,0	9,3	-2,0	0,0	1,0
49	25/11/2013 15.30						12,0	9,3	-2,0	1,0	2,0
50	30/11/2013 08.30						7,0	9,3	-2,0	1,0	3,0
51	05/12/2013 08.30						7,0	9,3	-2,0	0,0	1,0
52	19/12/2013 13.00						8,0	9,2	-4,0	-1,0	0,0
53	27/12/2013 09.00						8,0	9,2	-5,0	-2,0	1,0
54	02/01/2014 07.30						14,0	9,2	-5,0	-1,0	0,0
55	08/01/2014 14.30						14,0	9,3	-2,0	-1,0	3,0
56	15/01/2014 08.30						11,0	9,3	-1,0	-2,0	1,0
57	22/01/2014 14.30						12,0	9,3	-1,0	-3,0	2,0
58	29/01/2014 08.30						7,0	9,3	-1,0	-1,0	1,0
59	06/02/2014 14.30						14,0	9,3	-1,0	-2,0	4,0
60	12/02/2014 08.30						11,0	9,3	-1,0	1,0	4,0
61	19/02/2014 14.30						18,0	9,3	-1,0	-1,0	2,0
62	28/02/2014 08.30						12,0	9,3	-1,0	0,0	4,0
63	06/03/2014 16.30						15,0	9,2	-3,0	-1,0	5,0
64	10/03/2014 08.30						10,0	9,2	-3,0	0,0	2,0
65	17/03/2014 15.30						15,0	9,2	-3,0	1,0	3,0
66	24/03/2014 08.30						10,0	9,3	-2,0	-1,0	5,0
67	01/04/2014 18.30						15,0	9,3	-2,0	-2,0	4,0
68	09/04/2014 08.30						15,0	9,3	-2,0	0,0	3,0
69	16/04/2014 08.30						10,0	9,3	-2,0	-3,0	4,0
70	24/04/2014 08.30						15,0	9,3	-2,0	-2,0	5,0
71	06/05/2014 08.30						15,0	9,2	-3,0	-2,0	3,0
72	13/05/2014 08.30						18,0	9,2	-3,0	-1,0	3,0
73	22/05/2014 08.30						20,0	9,2	-3,0	-2,0	4,0
74	29/05/2014 08.30						18,0	9,3	-2,0	-1,0	4,0
75	11/06/2014 08.30						22,0	9,3	-2,0	-2,0	4,0
76	18/06/2014 08.30						18,0	9,3	-2,0	-3,0	5,0
77	26/06/2014 08.30						22,0	9,3	-2,0	-1,0	5,0
78	08/07/2014 08.30						25,0	9,3	-2,0	-1,0	4,0
79	23/07/2014 08.30						25,0	9,3	-2,0	-2,0	2,0
80	06/08/2014 08.30						25,0	9,3	-2,0	-3,0	4,0
81	02/09/2014 08.30						18,0	9,3	-2,0	-3,0	4,0
82	16/09/2014 08.30						20,0	9,3	-2,0	-3,0	4,0
83	30/09/2014 08.30						18,0	9,3	-2,0	-4,0	4,0
84	14/10/2014 08.30						20,0	9,3	-2,0	-1,0	4,0
85	28/10/2014 08.30						14,0	9,3	-2,0	-2,0	1,0



Ubicazione STAZIONE CHIAIA
Opera \ \ IV Ordine - Tufo \ 36A
Tipo Strumento Mire Ottiche
Data posa in opera 13/09/2012
Data lettura di zero 13/09/2012

UBICAZIONE



GRAFICO QUOTA

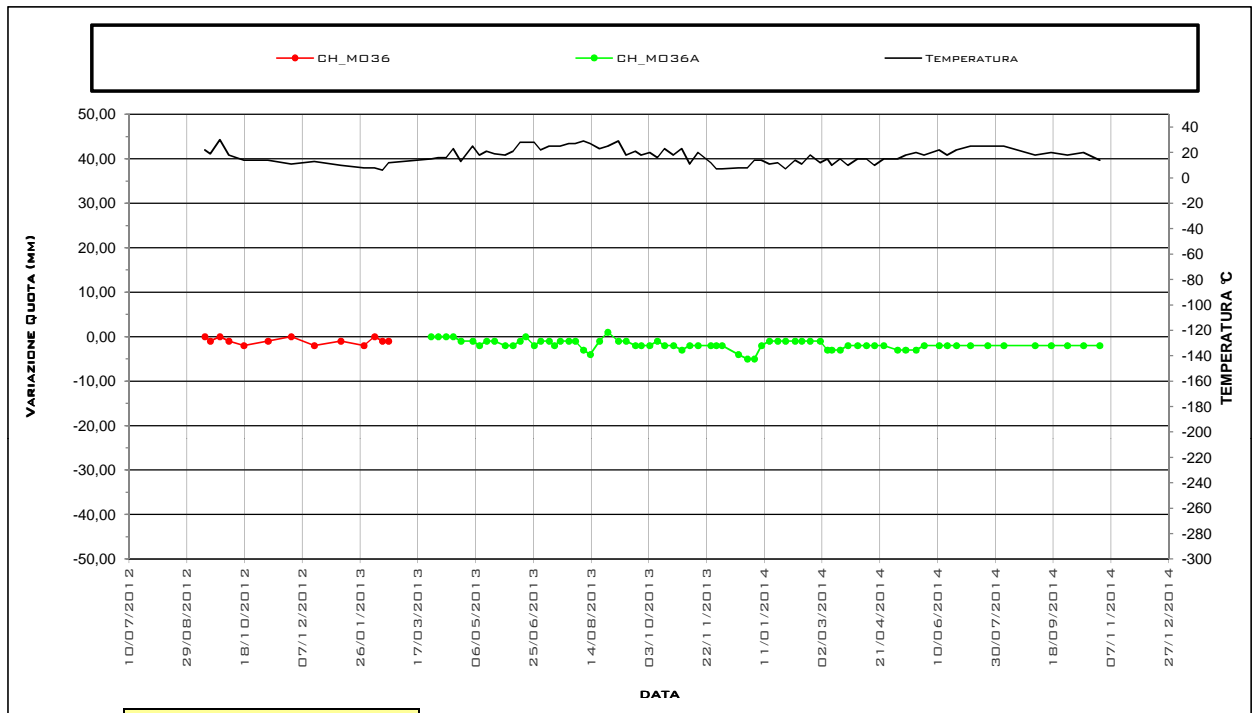
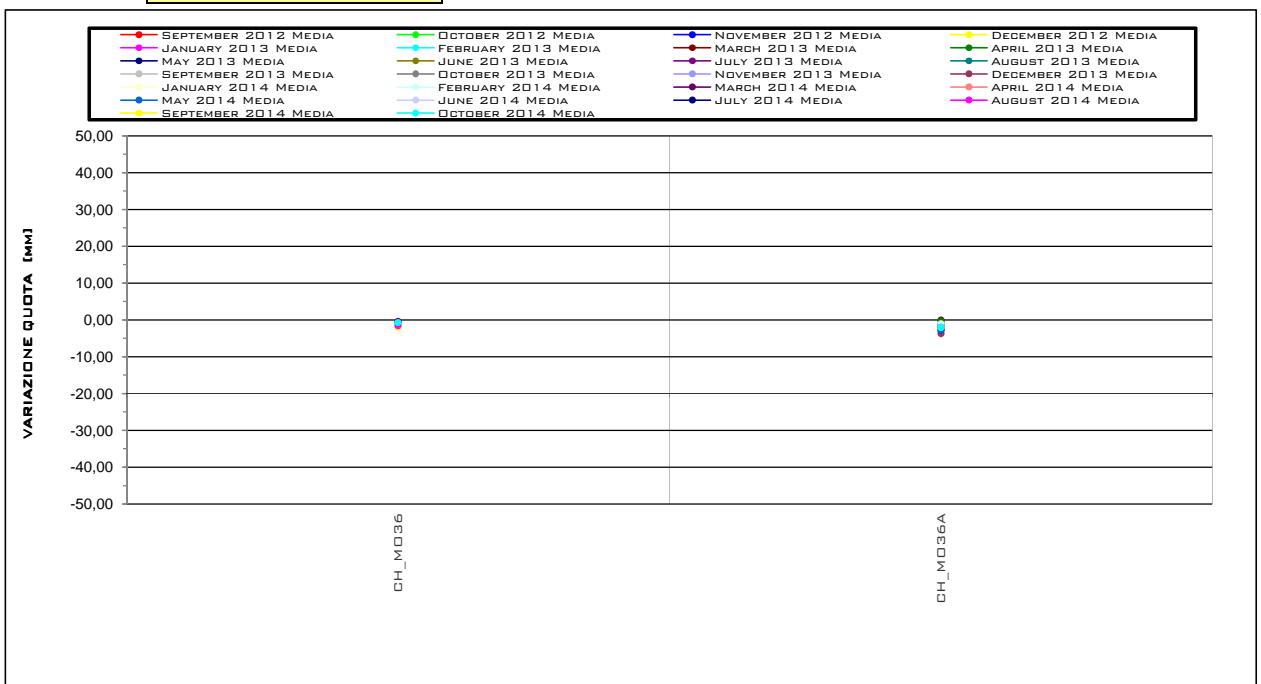


GRAFICO ISOCRONE





Ubicazione STAZIONE CHIAIA
Opera \ \ IV Ordine - Tufo \ 36A
Tipo Strumento Mire Ottiche
Data posa in opera 13/09/2012
Data lettura di zero 13/09/2012

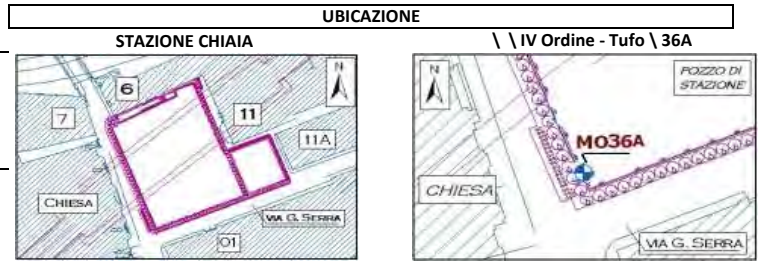


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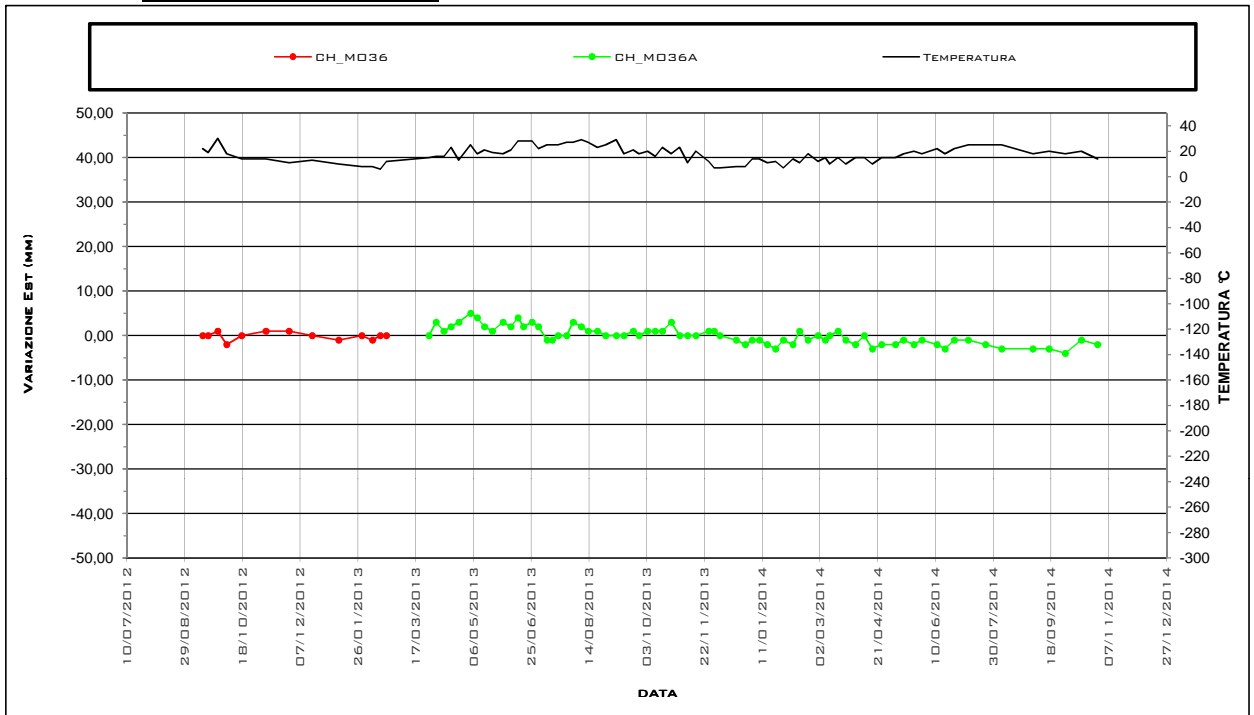
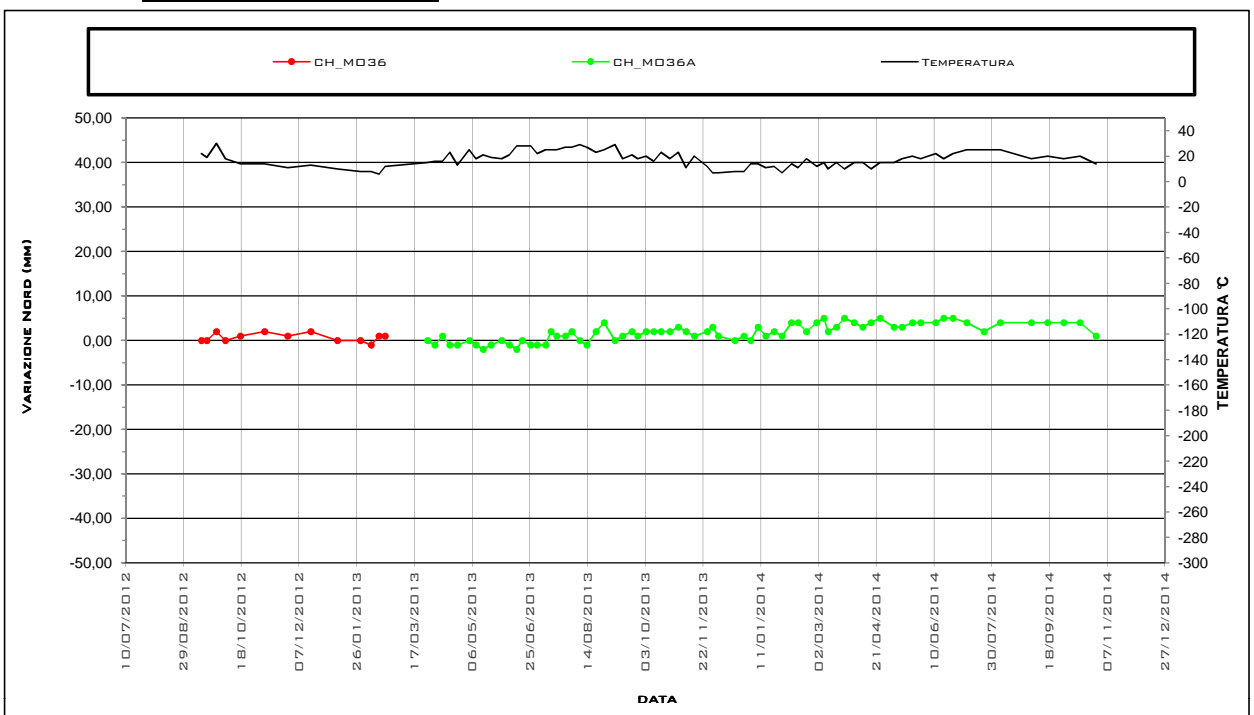


GRAFICO NORD





Ubicazione STAZIONE CHIAIA

Opera \ \ III Ordine - Tufo \ 38-40

Tipo Strumento Mire Ottiche

Data posa in opera 07/02/2013

Data lettura di zero 07/02/2013

Ultima Misura 81 in data 28/10/2014

Lett. n°	DATA	CH_M038					CH_M039					CH_M040				
		Temp. Media [°C]	Quota [m]	Quota Spost. [mm]	Est Spost. [mm]	Nord Spost. [mm]	Temp. Media [°C]	Quota [m]	Quota Spost. [mm]	Est Spost. [mm]	Nord Spost. [mm]	Temp. Media [°C]	Quota [m]	Quota Spost. [mm]	Est Spost. [mm]	Nord Spost. [mm]
1	07/02/2013 15.01	8,0	14,7				6,0	14,6								
2	14/02/2013 08.30	6,0	14,7	1,0	0,0	3,0	6,0	14,6	0,0	0,0	3,0					
3	14/02/2013 08.31															
4	19/02/2013 15.30	12,0	14,7	-2,0	0,0	2,0	12,0	14,6	0,0	1,0	4,0	12,0	14,8	2,0	-1,0	-1,0
5	27/02/2013 08.30	6,0	14,7	0,0	-1,0	2,0	6,0	14,6	1,0	0,0	1,0	6,0	14,8	1,0	0,0	-1,0
6	05/03/2013 10.30	12,0	14,7	0,0	-1,0	3,0	12,0	14,6	0,0	-1,0	3,0	12,0	14,8	1,0	1,0	0,0
7	12/03/2013 08.30	10,0	14,7	-1,0	-1,0	3,0	10,0	14,6	-1,0	-1,0	3,0	10,0	14,8	2,0	1,0	-1,0
8	19/03/2013 16.00	16,0	14,7	0,0	-1,0	2,0	16,0	14,6	2,0	-1,0	3,0	16,0	14,8	3,0	2,0	-1,0
9	26/03/2013 08.30	13,0	14,7	-1,0	0,0	0,0	13,0	14,6	0,0	0,0	-1,0	13,0	14,8	3,0	1,0	-1,0
10	28/03/2013 11.00	15,0	14,7	-2,0	0,0	0,0	15,0	14,6	-1,0	0,0	0,0	15,0	14,8	3,0	1,0	-1,0
11	03/04/2013 17.30	16,0	14,7	0,0	-1,0	0,0	16,0	14,6	2,0	-1,0	1,0	16,0	14,8	2,0	0,0	-2,0
12	10/04/2013 10.30	16,0	14,7	-1,0	-1,0	1,0	16,0	14,6	1,0	-1,0	2,0	16,0	14,8	2,0	1,0	1,0
13	16/04/2013 15.00	23,0	14,7	0,0	-2,0	2,0	23,0	14,6	2,0	-1,0	0,0	23,0	14,8	2,0	1,0	-2,0
14	23/04/2013 08.30	13,0	14,7	-2,0	-2,0	1,0	13,0	14,6	-1,0	-1,0	0,0	13,0	14,8	2,0	-1,0	-1,0
15	03/05/2013 14.30	25,0	14,7	1,0	2,0	2,0	25,0	14,6	2,0	1,0	1,0	25,0	14,8	4,0	3,0	1,0
16	09/05/2013 08.30	18,0	14,7	0,0	-1,0	2,0	18,0	14,6	1,0	-1,0	1,0	18,0	14,8	5,0	2,0	2,0
17	15/05/2013 14.30	21,0	14,7	1,0	0,0	1,0	21,0	14,6	2,0	-1,0	0,0	21,0	14,8	4,0	3,0	0,0
18	22/05/2013 08.30	19,0	14,7	0,0	-2,0	2,0	19,0	14,6	1,0	-4,0	1,0	19,0	14,8	4,0	3,0	1,0
19	31/05/2013 15.30	18,0	14,7	-2,0	-2,0	3,0	18,0	14,6	0,0	-3,0	2,0	18,0	14,8	5,0	2,0	0,0
20	07/06/2013 08.30	21,0	14,7	-1,0	-1,0	3,0	21,0	14,6	0,0	-1,0	1,0	21,0	14,8	5,0	3,0	0,0
21	13/06/2013 14.30	28,0	14,7	0,0	0,0	1,0	28,0	14,6	2,0	0,0	-1,0	28,0	14,8	6,0	4,0	-1,0
22	18/06/2013 09.00	28,0	14,7	-1,0	-2,0	3,0	28,0	14,6	2,0	-2,0	1,0	28,0	14,8	4,0	2,0	1,0
23	25/06/2013 18.00	28,0	14,7	0,0	-1,0	2,0	28,0	14,6	2,0	-1,0	1,0	28,0	14,8	4,0	4,0	0,0
24	01/07/2013 07.30	22,0	14,7	0,0	0,0	3,0	22,0	14,6	2,0	-1,0	2,0	22,0	14,8	3,0	3,0	-1,0
25	08/07/2013 17.30	25,0	14,7	0,0	-1,0	2,0	25,0	14,6	3,0	-2,0	0,0	25,0	14,8	4,0	4,0	1,0
26	13/07/2013 07.30	25,0	14,7	0,0	0,0	2,0	25,0	14,6	1,0	-2,0	2,0	25,0	14,8	4,0	2,0	1,0
27	18/07/2013 07.30	25,0	14,7	-1,0	-2,0	2,0	25,0	14,6	2,0	-3,0	1,0	25,0	14,8	4,0	2,0	0,0
28	25/07/2013 18.00	27,0	14,7	0,0	-1,0	2,0	27,0	14,6	2,0	-1,0	1,0	27,0	14,8	5,0	2,0	0,0
29	31/07/2013 09.00	27,0	14,7	0,0	-1,0	2,0	27,0	14,6	2,0	-1,0	0,0	27,0	14,8	5,0	3,0	-1,0
30	07/08/2013 09.00	29,0	14,7	-2,0	-2,0	3,0	29,0	14,6	1,0	-3,0	1,0	29,0	14,8	4,0	4,0	1,0
31	13/08/2013 09.00	27,0	14,7	-3,0	-3,0	4,0	27,0	14,6	0,0	-4,0	2,0	27,0	14,8	3,0	4,0	2,0
32	21/08/2013 07.30	23,0	14,7	1,0	2,0	4,0	23,0	14,6	2,0	0,0	2,0	23,0	14,8	4,0	4,0	0,0
33	28/08/2013 10.30	25,0	14,7	1,0	-1,0	4,0	25,0	14,6	3,0	-2,0	4,0	25,0	14,8	6,0	3,0	-1,0
34	06/09/2013 17.30	29,0	14,7	0,0	-2,0	2,0	29,0	14,6	3,0	-3,0	0,0	29,0	14,8	7,0	1,0	-2,0
35	13/09/2013 07.30	18,0	14,7	-1,0	-1,0	3,0	18,0	14,6	1,0	-2,0	0,0	18,0	14,8	7,0	1,0	-2,0
36	21/09/2013 09.30	21,0	14,7	-1,0	-2,0	2,0	21,0	14,6	2,0	-2,0	2,0	21,0	14,8	8,0	0,0	-3,0
37	26/09/2013 09.30	18,0	14,7	-1,0	-2,0	2,0	18,0	14,6	2,0	-3,0	0,0	18,0	14,8	8,0	0,0	-2,0
38	03/10/2013 16.30	20,0	14,7	-1,0	-1,0	3,0	20,0	14,6	2,0	-2,0	2,0	20,0	14,8	7,0	1,0	-2,0
39	10/10/2013 08.30	16,0	14,7	-1,0	-2,0	2,0	16,0	14,6	2,0	-3,0	0,0	16,0	14,8	8,0	2,0	-1,0
40	16/10/2013 14.30	23,0	14,7	-1,0	-2,0	3,0	23,0	14,6	1,0	-3,0	2,0	23,0	14,8	8,0	0,0	-1,0
41	24/10/2013 08.30	18,0	14,7	-1,0	0,0	2,0	18,0	14,6	1,0	-1,0	0,0	18,0	14,8	7,0	1,0	-1,0
42	31/10/2013 14.30	23,0	14,7	-1,0	-2,0	3,0	23,0	14,6	1,0	-2,0	2,0	23,0	14,8	8,0	2,0	-1,0
43	07/11/2013 08.30	11,0	14,7	-1,0	-2,0	1,0	11,0	14,6	1,0	-2,0	0,0	11,0	14,8	8,0	1,0	0,0
44	14/11/2013 14.30	20,0	14,7	-1,0	-3,0	2,0	20,0	14,6	1,0	-4,0	0,0					
45	25/11/2013 15.30	12,0	14,7	-1,0	-2,0	1,0	12,0	14,6	1,0	-1,0	0,0					
46	30/11/2013 08.30	7,0	14,7	-1,0	-1,0	2,0	7,0	14,6	1,0	-1,0	2,0					
47	05/12/2013 08.30	7,0	14,7	-1,0	-1,0	3,0	7,0	14,6	1,0	-2,0	1,0					
48	19/12/2013 13.00	8,0	14,7	-3,0	-3,0	5,0	8,0	14,6	-1,0	-4,0	3,0					
49	27/12/2013 09.00	8,0	14,7	-4,0	-4,0	6,0	8,0	14,6	-2,0	-5,0	6,0					
50	02/01/2014 07.30	14,0	14,7	-5,0	-5,0	7,0	14,0	14,6	-2,0	-5,0	5,0					
51	08/01/2014 14.30	14,0	14,7	-2,0	-3,0	3,0	14,0	14,6	0,0	-5,0	3,0					
52	15/01/2014 08.30	11,0	14,7	-1,0	-2,0	2,0	11,0	14,6	1,0	-5,0	2,0					
53	22/01/2014 14.30	12,0	14,7	0,0	-3,0	3,0	12,0	14,6	1,0	-4,0	3,0					
54	29/01/2014 08.30	7,0	14,7	0,0	-1,0	4,0	7,0	14,6	1,0	-3,0	2,0					
55	06/02/2014 14.30	14,0	14,7	-2,0	-4,0	5,0	14,0	14,6	1,0	-5,0	3,0					
56	12/02/2014 08.30	11,0	14,7	-2,0	-3,0	5,0	11,0	14,6	1,0	-3,0	2,0					
57	19/02/2014 14.30	18,0	14,7	-2,0	-3,0	4,0	18,0	14,6	1,0	-4,0	4,0					
58	28/02/2014 08.30	12,0	14,7	-1,0	-4,0	6,0	12,0	14,6	1,0	-5,0	4,0					
59	06/03/2014 16.30	15,0	14,7	-2,0	-4,0	6,0	15,0	14,6	1,0	-4,0	5,0					
60	10/03/2014 08.30	10,0	14,7	-2,0	-3,0	6,0	10,0	14,6	1,0	-4,0	4,0					
61	17/03/2014 15.30	15,0	14,7	0,0	-3,0	6,0	15,0	14,6	2,0	-4,0	2,0					
62	24/03/2014 08.30	10,0	14,7	0,0	-2,0	6,0	10,0	14,6	2,0	-5,0	3,0					
63	01/04/2014 18.30	15,0	14,7	0,0	-5,0	5,0	15,0	14,6	2,0	-6,0	4,0					
64	09/04/2014 08.30	15,0	14,7	0,0	-3,0	5,0	15,0	14,6	2,0	-5,0	4,0					
65	16/04/2014 08.30	10,0	14,7	0,0	-5,0	6,0	10,0	14,6	2,0	-6,0	4,0					
66	24/04/2014 08.30	15,0	14,7	0,0	-4,0	6,0	15,0	14,6	2,0	-6,0	5,0					
67	06/05/2014 08.30	15,0	14,7	0,0	-3,0	4,0	15,0	14,6	1,0	-5,0	2,0					
68	13/05/2014 08.30	18,0	14,7	0,0	-3,0	5,0	18,0	14,6	1,0	-5,0	3,0					
69	22/05/2014 08.30	20,0	14,7	-1,0	-4,0	5,0	20,0	14,6	2,0	-5,0	3,0					
70	29/05/2014 08.30	18,0	14,7	-1,0	-5,0	5,0	18,0	14,6	2,0	-7,0	3,0					
71	11/06/2014 08.30	22,0	14,7	-1,0	-3,0	5,0	22,0	14,6	2,0	-6,0	3,0					
72	18/06/2014 08.30	18,0	14,7	-1,0	-3,0	6,0	18,0	14,6	2,0	-5,0	4,0					
73	26/06/2014 08.30	22,0	14,7	-1,0	-3,0	4,0	22,0	14,6	2,0	-5,0	2,0					
74	08/07/2014 08.30	25,0	14,7	-1,0	-2,0	5,0	25,0	14,6	2,0	-4,0	3,0					
75	23/07/2014 08.30	25,0	14,7	-1,0	-2,0	4,0	25,0	14,6	2,0	-4,0	1,0					
76	06/08/2014 08.30	25,0	14,7	-1,0	-6,0	4,0	25,0	14,6	2,0	-7,0	2,0					
77	02/09/2014 08.30	18,0	14,7	-1,0	-4,0	6,0	18,0	14,6	2,0	-5,0	4,0					
78	16/09/2014 08.30	20,0	14,7	-1,0	-3,0	5,0	20,0	14,6								



Ubicazione STAZIONE CHIAIA
Opera \ \ III Ordine - Tufo \ 38-40
Tipo Strumento Mire Ottiche
Data posa in opera 07/02/2013
Data lettura di zero 07/02/2013

UBICAZIONE

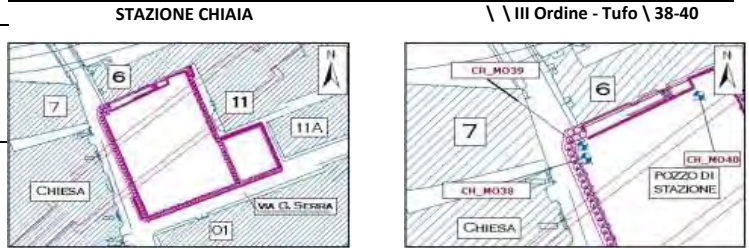


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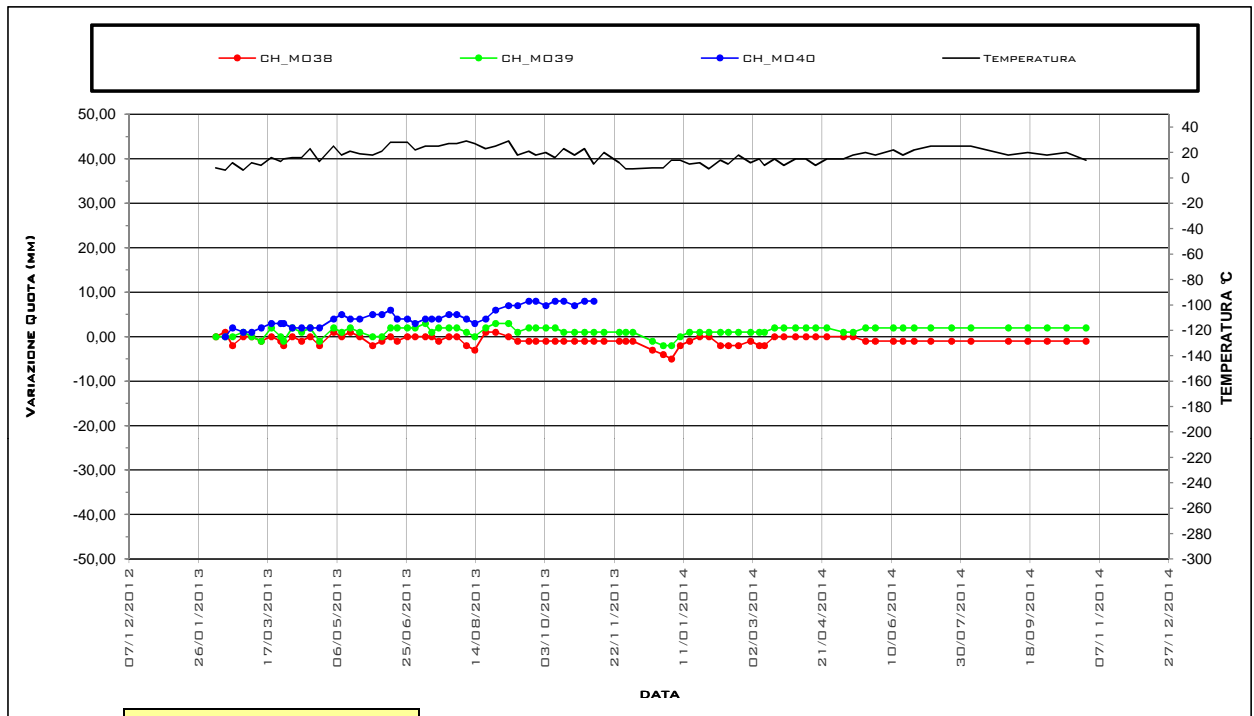
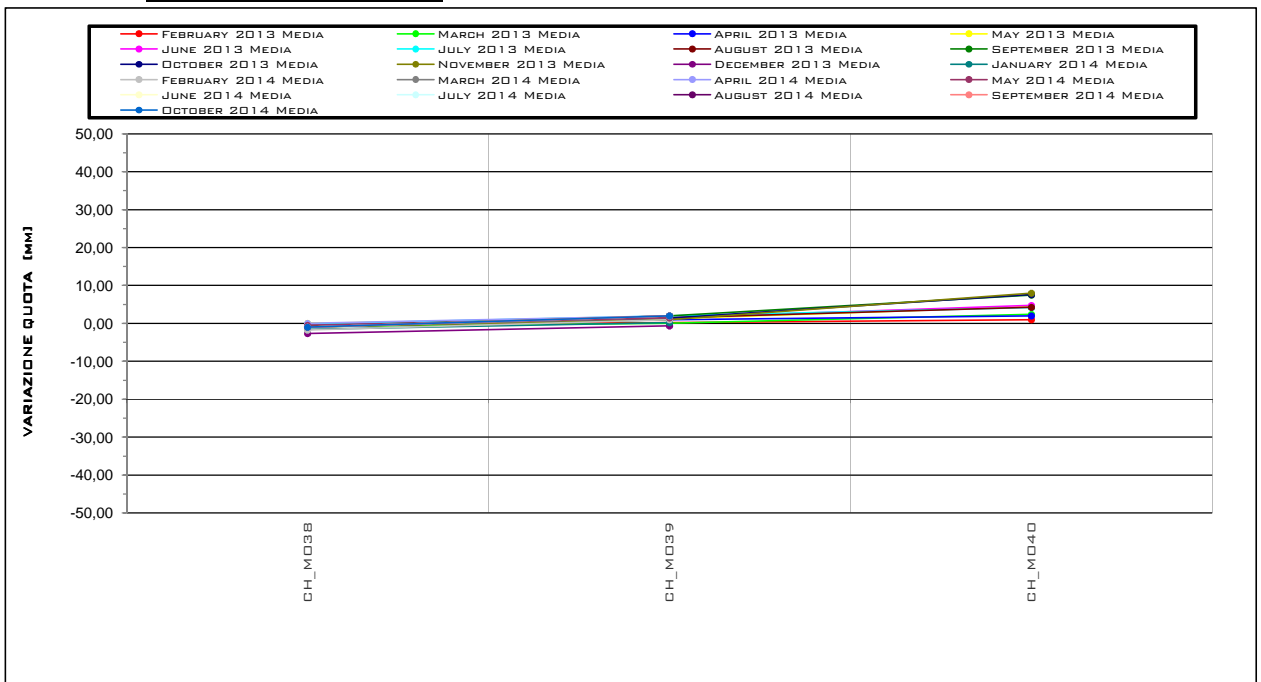


GRAFICO ISOCRONE





Ubicazione STAZIONE CHIAIA
Opera \ \ III Ordine - Tufo \ 38-40
Tipo Strumento Mire Ottiche
Data posa in opera 07/02/2013
Data lettura di zero 07/02/2013

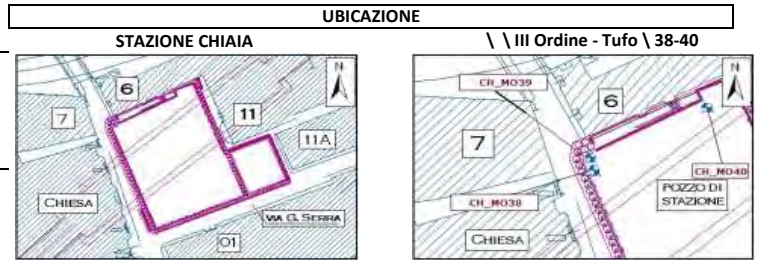


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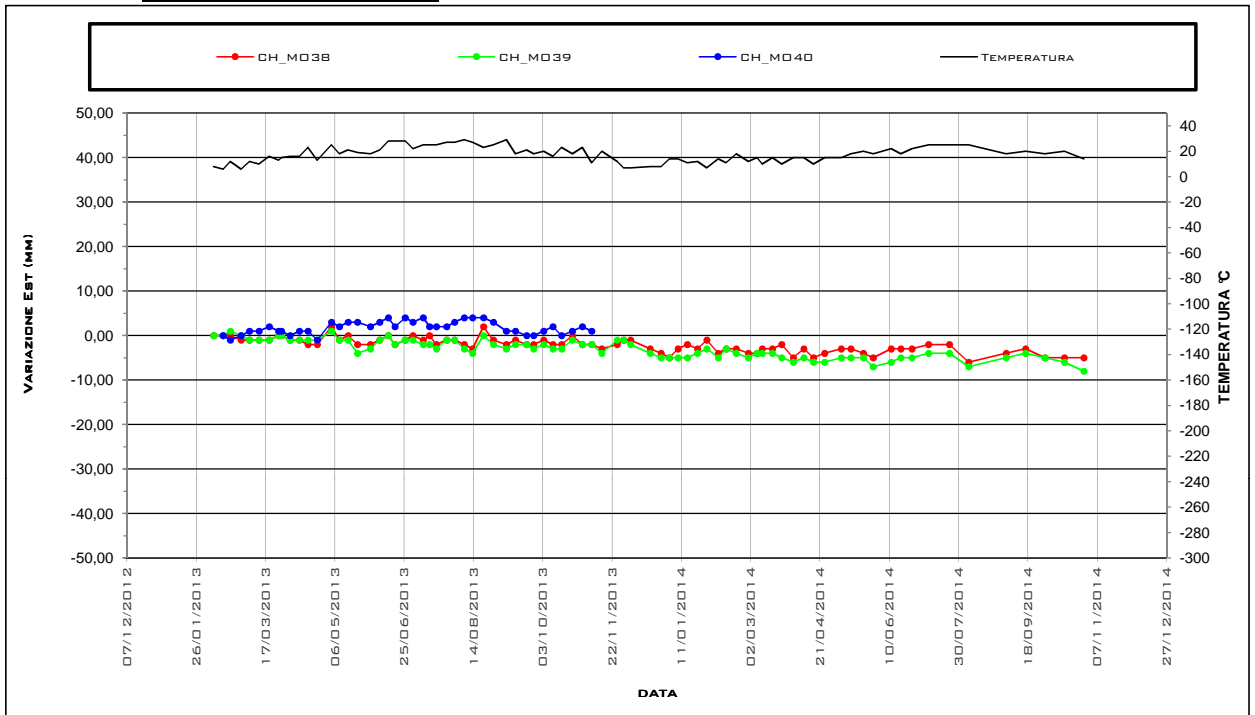
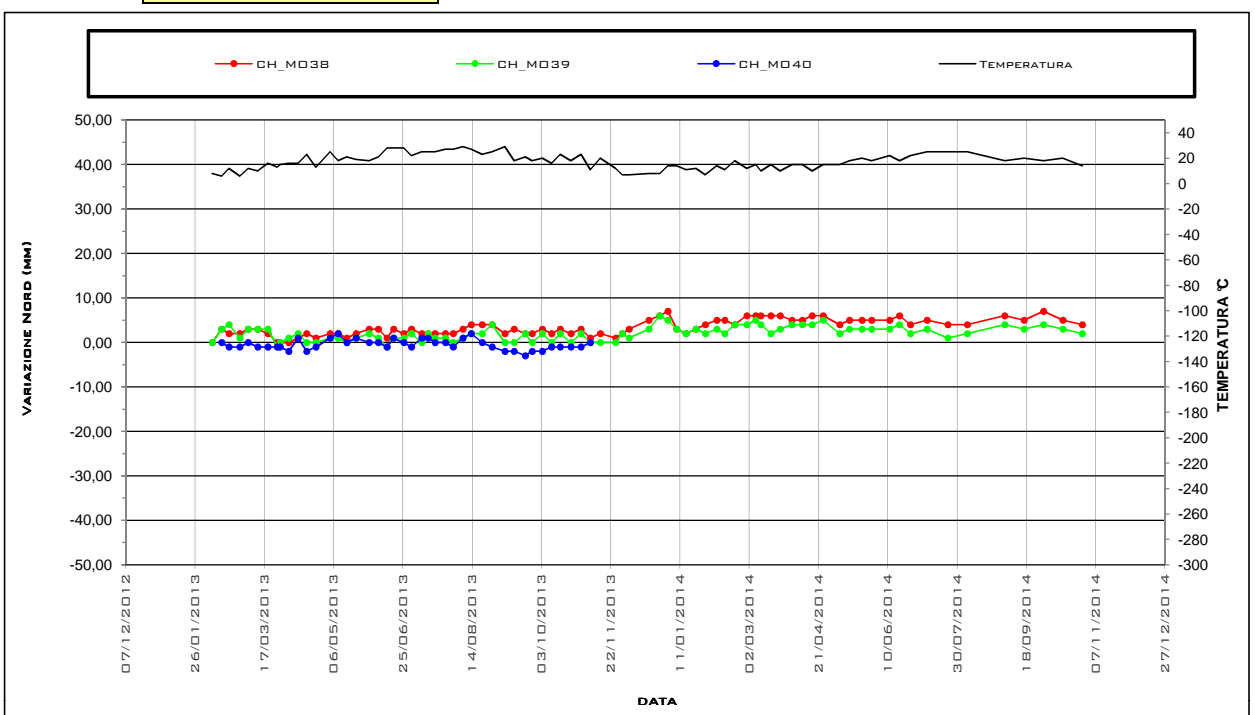


GRAFICO NORD





Ubicazione STAZIONE CHIAIA
Opera \ \ IV Ordine - Tufo \ 41-44
Tipo Strumento Mire Ottiche
Data posa in opera 05/03/2013
Data lettura di zero 05/03/2013

UBICAZIONE

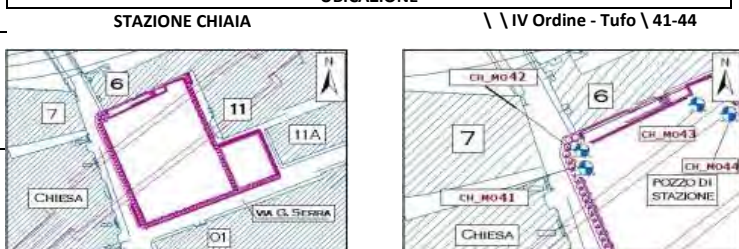


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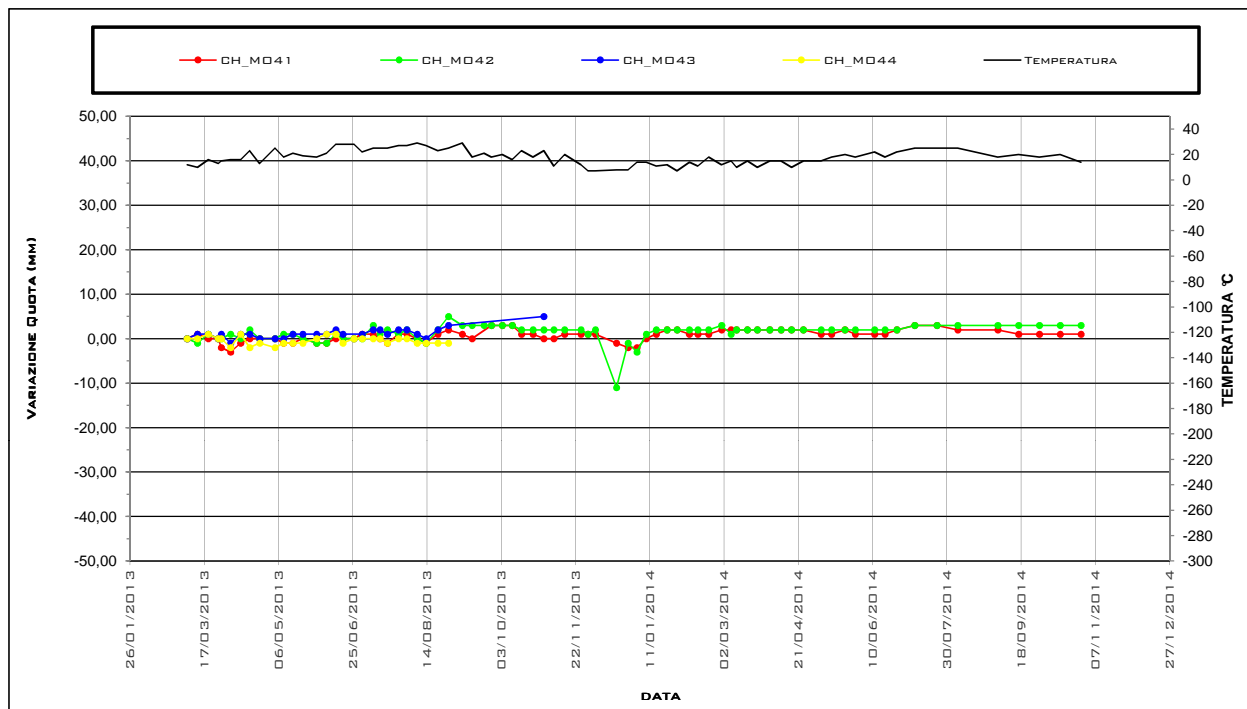
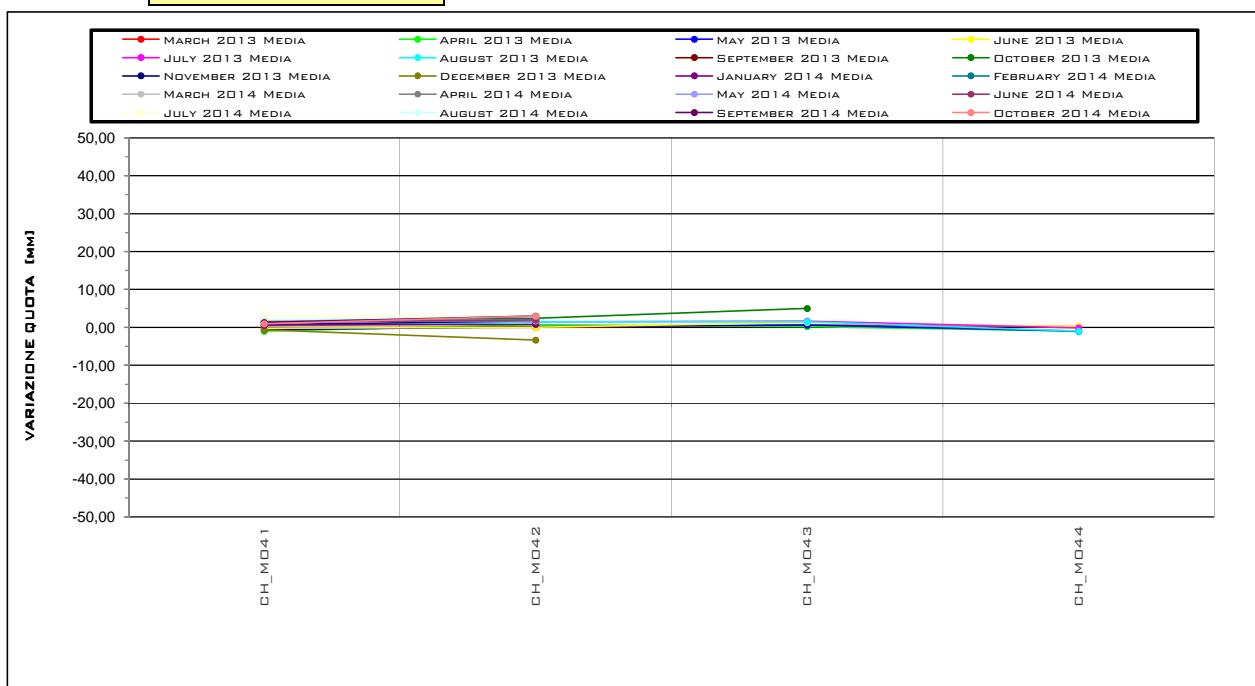


GRAFICO ISOCRONE





Ubicazione STAZIONE CHIAIA
Opera \ \ IV Ordine - Tufo \ 41-44
Tipo Strumento Mire Ottiche
Data posa in opera 05/03/2013
Data lettura di zero 05/03/2013

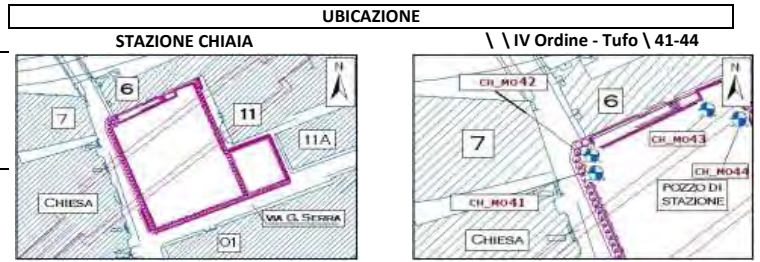


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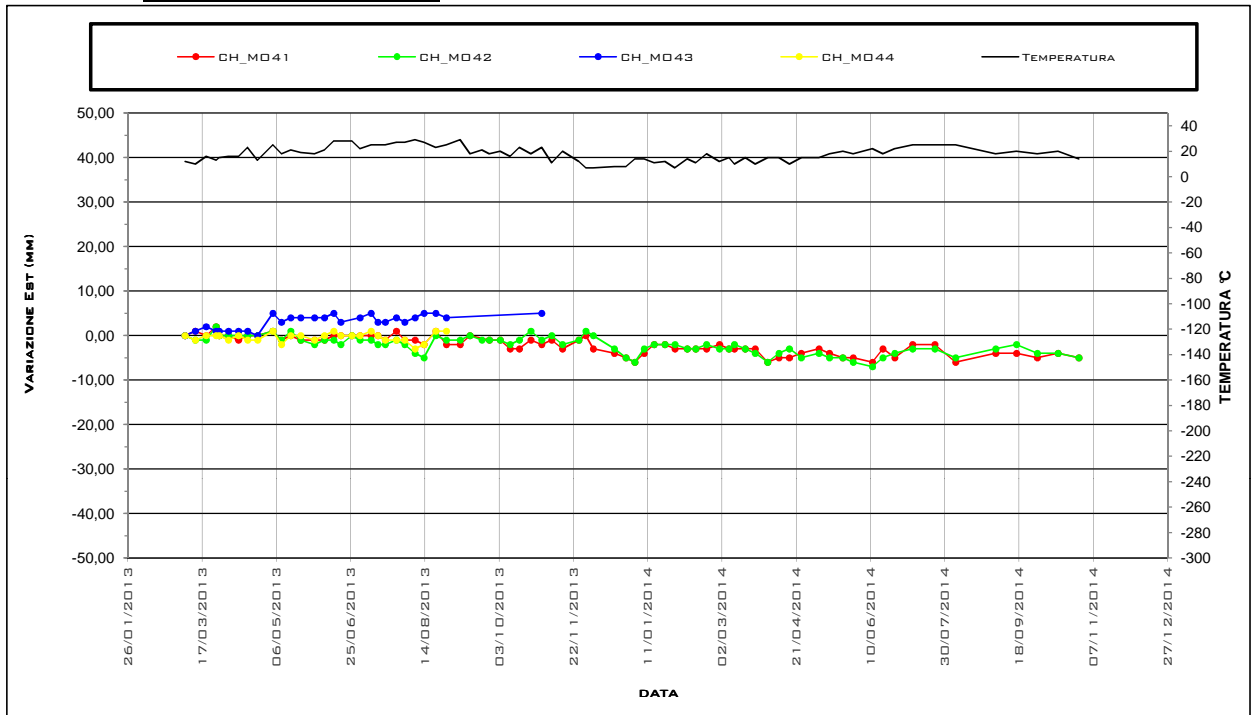
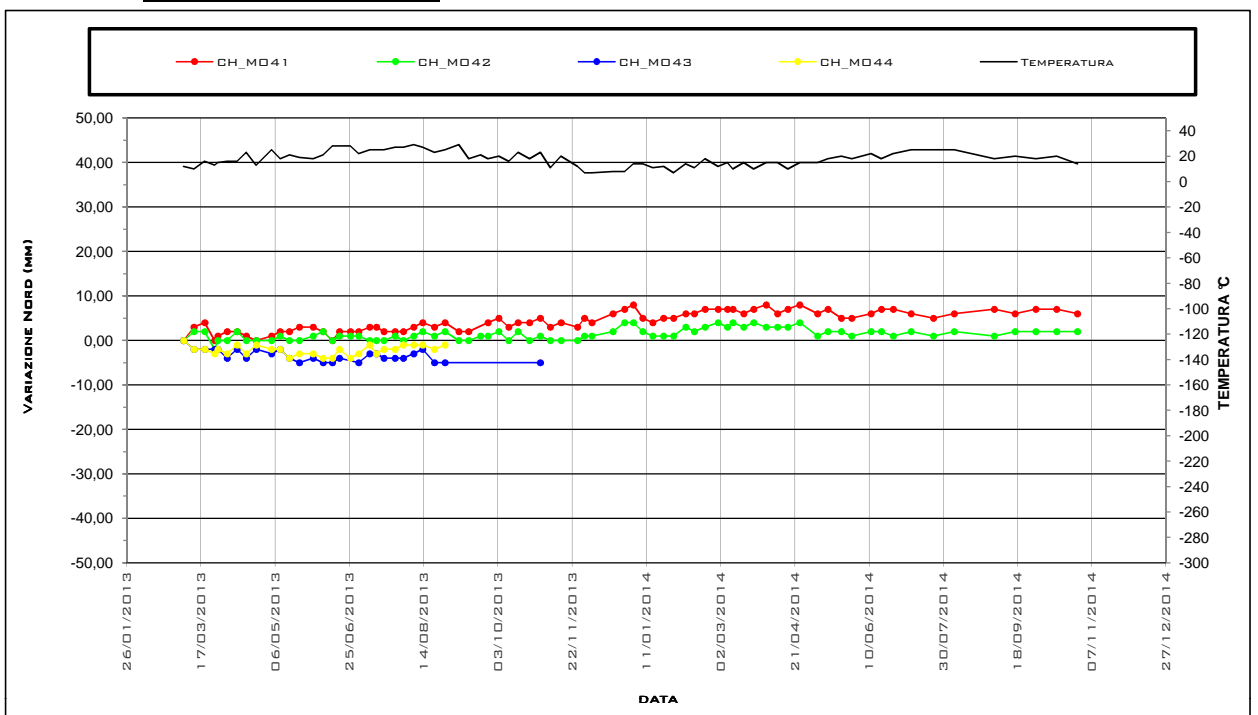


GRAFICO NORD





Ubicazione STAZIONE CHIAIA

Opera \ \ Supplementari \ 45-47

Tipo Strumento Mire Ottiche

Data posa in opera 28/03/2013

Data lettura di zero 28/03/2013

Ultima Misura 72 in data 28/10/2014

Let. n°	DATA	CH_M045					CH_M046					CH_M047				
		Temp. Media [°C]	Quota [m]	Quota Spost. [mm]	Est. Spost. [mm]	Nord Spost. [mm]	Temp. Media [°C]	Quota [m]	Quota Spost. [mm]	Est. Spost. [mm]	Nord Spost. [mm]	Temp. Media [°C]	Quota [m]	Quota Spost. [mm]	Est. Spost. [mm]	Nord Spost. [mm]
1	28/03/2013 11.00	15,0	14,8	0,0	0,0	0,0	15,1	15,1	0,0	0,0	0,0	15,0	15,3	0,0	0,0	0,0
2	03/04/2013 17.30	16,0	14,8	1,0	0,0	-1,0	16,0	15,1	0,0	-1,0	0,0	16,0	15,3	-1,0	-1,0	0,0
3	10/04/2013 10.30	16,0	14,8	1,0	2,0	2,0	16,0	15,1	0,0	0,0	2,0	16,0	15,3	-1,0	-1,0	2,0
4	16/04/2013 15.00	23,0	14,8	1,0	0,0	0,0	23,0	15,1	-1,0	0,0	0,0	23,0	15,3	0,0	0,0	1,0
5	23/04/2013 08.30	13,0	14,8	0,0	-2,0	2,0	13,0	15,1	0,0	-1,0	2,0	13,0	15,3	0,0	0,0	2,0
6	03/05/2013 14.30	25,0	14,8	2,0	0,0	0,0	25,0	15,1	0,0	1,0	0,0	25,0	15,3	-1,0	1,0	2,0
7	09/05/2013 08.30	18,0	14,8	2,0	-1,0	2,0	18,0	15,1	0,0	0,0	1,0	18,0	15,3	0,0	-1,0	3,0
8	15/05/2013 14.30	21,0	14,8	1,0	0,0	0,0	21,0	15,1	0,0	1,0	0,0	21,0	15,3	0,0	2,0	2,0
9	22/05/2013 08.30	19,0	14,8	1,0	0,0	0,0	19,0	15,1	0,0	1,0	0,0	19,0	15,3	0,0	1,0	2,0
10	31/05/2013 15.30	18,0	14,8	1,0	1,0	0,0	18,0	15,1	0,0	0,0	0,0	18,0	15,3	0,0	1,0	1,0
11	07/06/2013 08.30	21,0	14,8	2,0	0,0	-1,0	21,0	15,1	-1,0	1,0	1,0	21,0	15,3	-1,0	2,0	1,0
12	13/06/2013 14.30	28,0	14,8	3,0	3,0	0,0	28,0	15,1	1,0	3,0	-1,0	28,0	15,3	0,0	3,0	1,0
13	18/06/2013 09.00	28,0	14,8	2,0	0,0	1,0	28,0	15,1	0,0	1,0	1,0	28,0	15,3	-1,0	1,0	2,0
14	25/06/2013 18.00	28,0	14,8	2,0	1,0	1,0	28,0	15,1	0,0	1,0	0,0	28,0	15,3	-1,0	1,0	1,0
15	01/07/2013 07.30	22,0	14,8	1,0	0,0	0,0	22,0	15,1	-1,0	1,0	0,0	22,0	15,3	-1,0	1,0	2,0
16	08/07/2013 17.30	25,0	14,8	2,0	2,0	1,0	25,0	15,1	-2,0	2,0	1,0	25,0	15,3	-1,0	2,0	2,0
17	13/07/2013 07.30	25,0	14,8	1,0	1,0	1,0	25,0	15,1	0,0	0,0	0,0	25,0	15,3	-1,0	1,0	3,0
18	18/07/2013 07.30	25,0	14,8	1,0	1,0	1,0	25,0	15,1	-2,0	2,0	1,0	25,0	15,3	-2,0	3,0	3,0
19	25/07/2013 18.00	27,0	14,8	1,0	1,0	1,0	27,0	15,1	-1,0	2,0	1,0	27,0	15,3	-2,0	3,0	3,0
20	31/07/2013 09.00	27,0	14,8	1,0	0,0	0,0	27,0	15,1	-1,0	1,0	1,0	27,0	15,3	-2,0	1,0	4,0
21	07/08/2013 09.00	29,0	14,8	0,0	2,0	2,0	29,0	15,1	-2,0	2,0	1,0	29,0	15,2	-4,0	2,0	3,0
22	13/08/2013 09.00	27,0	14,8	-1,0	3,0	3,0	27,0	15,1	-3,0	2,0	0,0	27,0	15,2	-5,0	3,0	2,0
23	21/08/2013 07.30	23,0	14,8	1,0	1,0	1,0	23,0	15,1	-2,0	3,0	1,0	23,0	15,3	-1,0	3,0	3,0
24	28/08/2013 10.30	25,0	14,8	0,0	2,0	1,0	25,0	15,1	-2,0	3,0	1,0	25,0	15,3	-2,0	3,0	4,0
25	06/09/2013 17.30	29,0	14,8	2,0	2,0	1,0	29,0	15,1	-1,0	2,0	1,0	29,0	15,3	-2,0	2,0	2,0
26	13/09/2013 07.30	18,0	14,8	1,0	2,0	1,0	18,0	15,1	-2,0	2,0	1,0	18,0	15,3	-1,0	1,0	2,0
27	21/09/2013 09.30	21,0	14,8	1,0	2,0	0,0	21,0	15,1	-2,0	2,0	1,0	21,0	15,3	-1,0	2,0	2,0
28	26/09/2013 09.30	18,0	14,8	2,0	1,0	1,0	18,0	15,1	-2,0	2,0	1,0	18,0	15,3	-2,0	3,0	3,0
29	03/10/2013 16.30	20,0	14,8	1,0	2,0	1,0	20,0	15,1	-2,0	3,0	1,0	20,0	15,3	-3,0	3,0	2,0
30	10/10/2013 08.30	16,0	14,8	2,0	2,0	2,0	16,0	15,1	-2,0	2,0	3,0	16,0	15,3	-3,0	4,0	4,0
31	16/10/2013 14.30	23,0	14,8	2,0	1,0	1,0	23,0	15,1	-2,0	2,0	2,0	23,0	15,3	-2,0	2,0	3,0
32	24/10/2013 08.30	18,0	14,8	2,0	2,0	1,0	18,0	15,1	-3,0	3,0	1,0	18,0	15,3	-2,0	3,0	4,0
33	31/10/2013 14.30	23,0	14,8	2,0	3,0	0,0	23,0	15,1	-2,0	2,0	1,0	23,0	15,3	-2,0	3,0	4,0
34	07/11/2013 08.30	11,0	14,8	2,0	3,0	2,0	11,0	15,1	-2,0	3,0	1,0	11,0	15,3	-3,0	4,0	4,0
35	14/11/2013 14.30	20,0	14,8	2,0	3,0	1,0	20,0	15,1	-2,0	2,0	1,0	20,0	15,3	-3,0	3,0	4,0
36	25/11/2013 15.30	12,0	14,8	2,0	2,0	2,0	12,0	15,1	-1,0	3,0	3,0	12,0	15,3	-2,0	3,0	4,0
37	30/11/2013 08.30	7,0	14,8	2,0	3,0	2,0	7,0	15,1	-1,0	3,0	1,0	7,0	15,3	-2,0	3,0	4,0
38	05/12/2013 08.30	7,0	14,8	2,0	3,0	0,0	7,0	15,1	-2,0	3,0	1,0	7,0	15,3	-2,0	3,0	2,0
39	19/12/2013 13.00	8,0	14,8	1,0	2,0	1,0	8,0	15,1	-3,0	2,0	1,0	8,0	15,3	-2,0	2,0	2,0
40	27/12/2013 09.00	8,0	14,8	0,0	1,0	2,0	8,0	15,1	-4,0	1,0	2,0	8,0	15,3	-2,0	1,0	3,0
41	02/01/2014 07.30	14,0	14,8	0,0	0,0	4,0	14,0	15,1	-3,0	2,0	1,0	14,0	15,3	-2,0	1,0	4,0
42	08/01/2014 14.30	14,0	14,8	1,0	4,0	3,0	14,0	15,1	-2,0	4,0	1,0	14,0	15,3	-1,0	5,0	3,0
43	15/01/2014 08.30						11,0	15,1	-2,0	4,0	1,0	11,0	15,3	0,0	2,0	3,0
44	22/01/2014 14.30						12,0	15,1	-2,0	5,0	2,0	12,0	15,3	-1,0	4,0	3,0
45	29/01/2014 08.30						7,0	15,1	-2,0	2,0	2,0	7,0	15,3	-2,0	2,0	3,0
46	06/02/2014 14.30						14,0	15,1	-1,0	3,0	1,0	14,0	15,3	-2,0	4,0	2,0
47	12/02/2014 08.30						11,0	15,1	0,0	3,0	1,0	11,0	15,3	-1,0	3,0	2,0
48	19/02/2014 14.30						18,0	15,1	-2,0	5,0	1,0	18,0	15,3	-1,0	3,0	3,0
49	28/02/2014 08.30						12,0	15,1	-2,0	1,0	0,0	12,0	15,3	-1,0	1,0	0,0
50	06/03/2014 16.30						15,0	15,1	-2,0	4,0	2,0	15,0	15,3	-1,0	4,0	2,0
51	10/03/2014 08.30						10,0	15,1	-2,0	4,0	2,0	10,0	15,3	-1,0	5,0	2,0
52	17/03/2014 15.30						15,0	15,1	-2,0	2,0	-1,0	15,0	15,3	-2,0	2,0	1,0
53	24/03/2014 08.30						10,0	15,1	-2,0	4,0	2,0	10,0	15,3	-2,0	4,0	1,0
54	01/04/2014 18.30						15,0	15,1	-2,0	2,0	0,0	15,0	15,3	-2,0	2,0	2,0
55	09/04/2014 08.30						15,0	15,1	-2,0	3,0	0,0	15,0	15,3	-2,0	1,0	0,0
56	16/04/2014 08.30						10,0	15,1	-2,0	4,0	2,0	10,0	15,3	-2,0	2,0	2,0
57	24/04/2014 08.30						15,0	15,1	-2,0	3,0	1,0	15,0	15,3	-2,0	1,0	1,0
58	06/05/2014 08.30						15,0	15,1	-3,0	3,0	1,0	15,0	15,3	-3,0	4,0	3,0
59	13/05/2014 08.30						18,0	15,1	-3,0	3,0	0,0	18,0	15,3	-3,0	3,0	0,0
60	22/05/2014 08.30						20,0	15,1	-3,0	3,0	1,0	20,0	15,3	-3,0	2,0	1,0
61	29/05/2014 08.30						18,0	15,1	-3,0	3,0	1,0	18,0	15,3	-3,0	3,0	2,0
62	11/06/2014 08.30						22,0	15,1	-3,0	3,0	0,0	22,0	15,3	-3,0	2,0	1,0
63	18/06/2014 08.30						18,0	15,1	-3,0	2,0	1,0	18,0	15,3	-3,0	3,0	2,0
64	26/06/2014 08.30						22,0	15,1	-3,0	4,0	0,0	22,0	15,3	-3,0	0,0	0,0
65	08/07/2014 08.30						25,0	15,1	-3,0	4,0	1,0	25,0	15,3	-2,0	2,0	1,0
66	23/07/2014 08.30						25,0	15,1	-3,0	2,0	1,0	25,0	15,3	-2,0	2,0	3,0
67	06/08/2014 08.30						25,0	15,1	-3,0	4,0	0,0	25,0	15,3	-2,0	2,0	0,0
68	02/09/2014 08.30						18,0	15,1	-3,0	4,0	1,0	18,0	15,3	-2,0	3,0	1,0
69	16/09/2014 08.30						20,0	15,1	-3,0	4,0	1,0	20,0	15,3	-2,0	3,0	1,0
70	30/09/2014 08.30						18,0	15,1	-2,0	4,0	-1,0	18,0	15,3	-2,0	3,0	1,0
71	14/10/2014 08.30						20,0	15,1	-2,0	5,0	0,0	20,0	15,3	-2,0	4,0	1,0
72	28/10/2014 08.30						14,0	15,1	-2,0	6,0	0,0	14,0	15,3	-2,0	5,0	2,0



Ubicazione STAZIONE CHIAIA
Opera \ \ Supplementari \ 45-47
Tipo Strumento Mire Ottiche
Data posa in opera 28/03/2013
Data lettura di zero 28/03/2013

UBICAZIONE

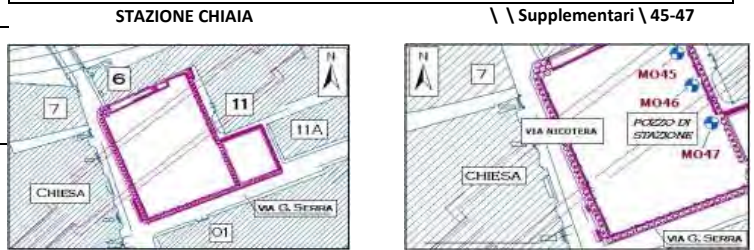


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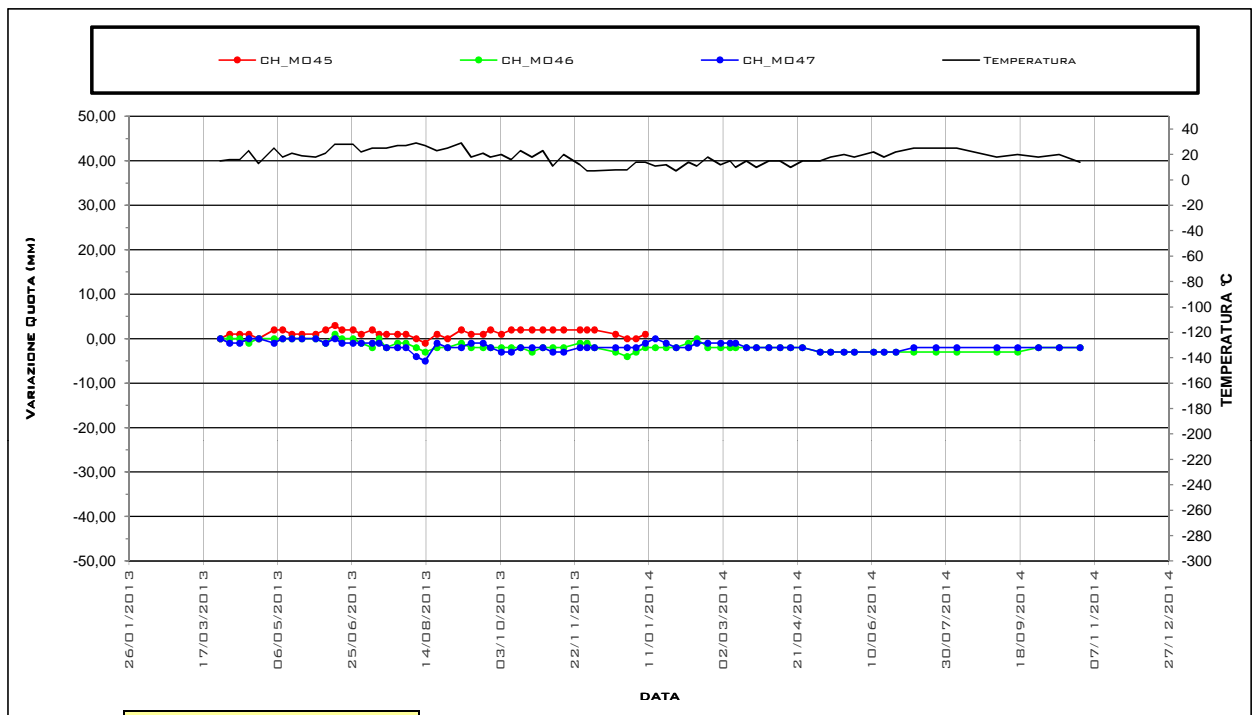
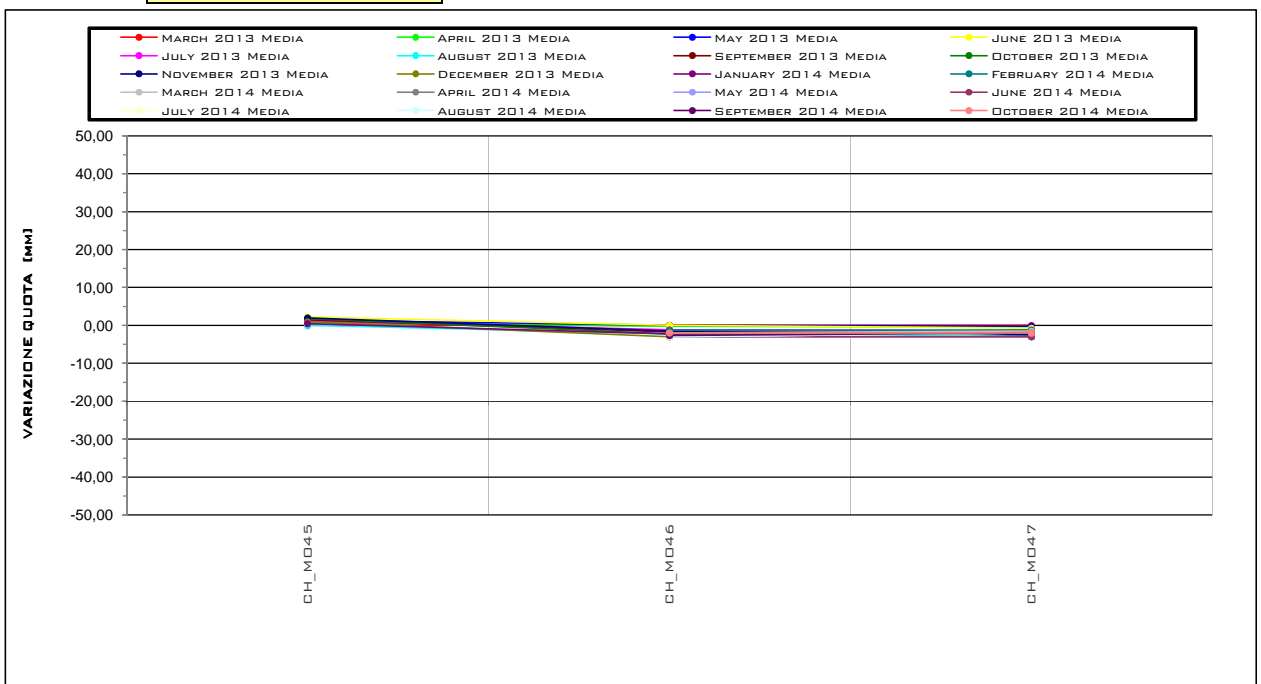


GRAFICO ISOCRONE





Ubicazione STAZIONE CHIAIA
Opera \ \ Supplementari \ 45-47
Tipo Strumento Mire Ottiche
Data posa in opera 28/03/2013
Data lettura di zero 28/03/2013

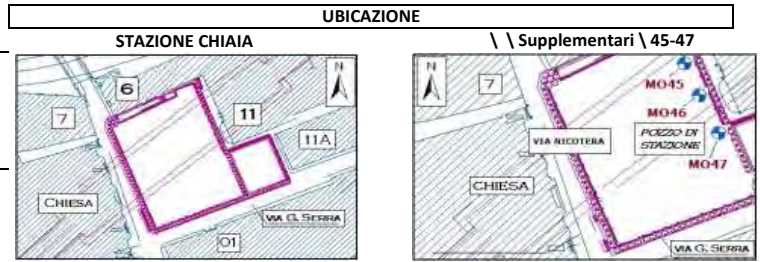


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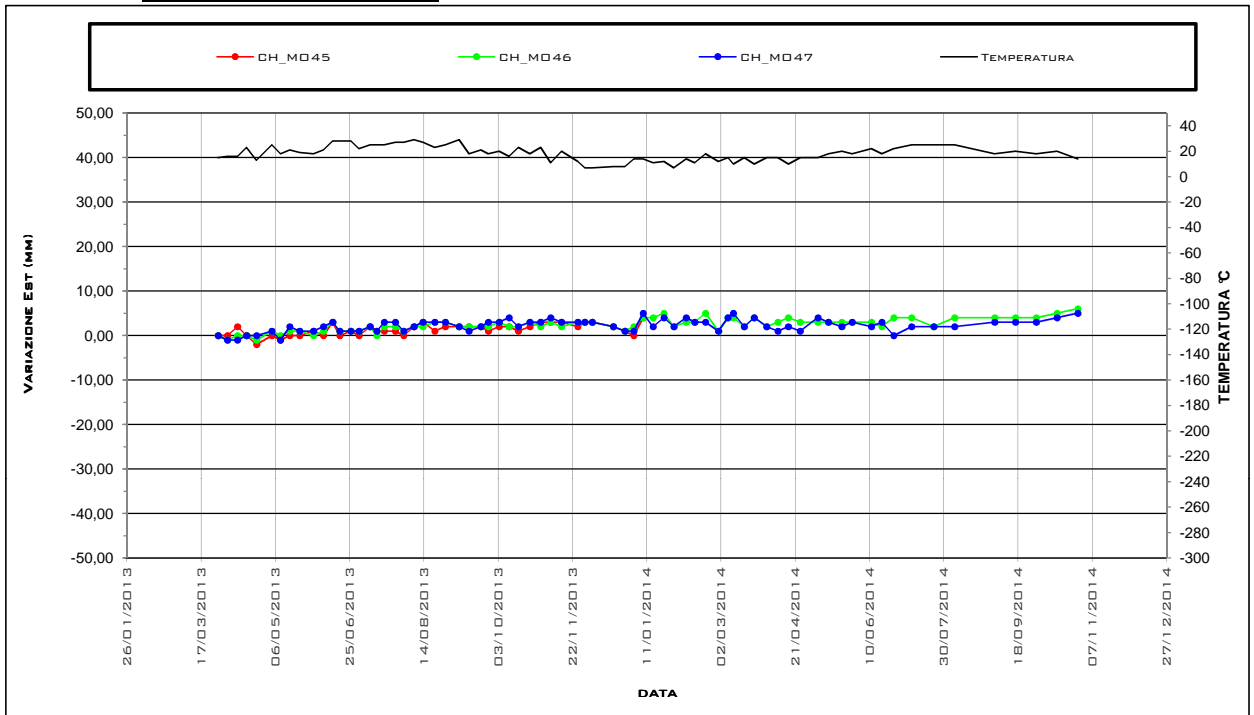
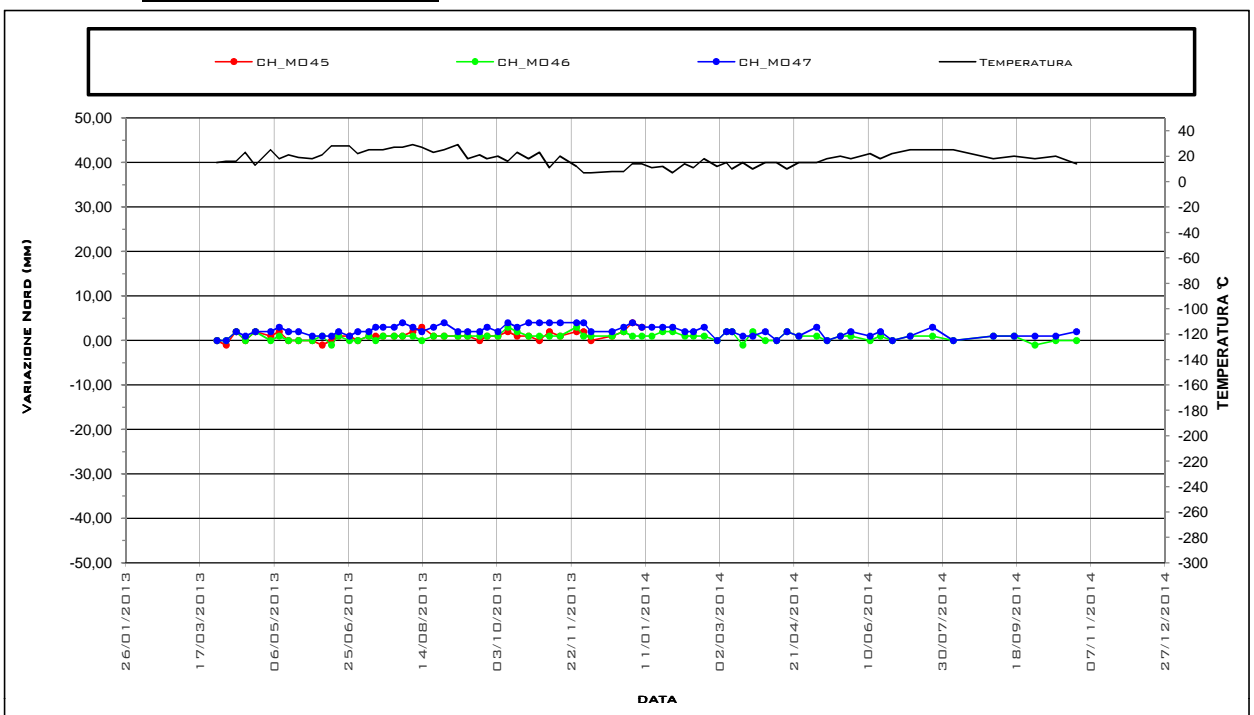


GRAFICO NORD





Ubicazione STAZIONE CHIAIA

Opera \ \ Supplementari \ 48-50

Tipo Strumento Mire Ottiche

Data posa in opera 28/03/2013

Data lettura di zero 28/03/2013

Ultima Misura 72 in data 28/10/2014

Lett. n°	DATA	CH_M048					CH_M049					CH_M050				
		Temp. Media [°C]	Quota [m]	Quota Spost. [mm]	Est Spost. [mm]	Nord Spost. [mm]	Temp. Media [°C]	Quota [m]	Quota Spost. [mm]	Est Spost. [mm]	Nord Spost. [mm]	Temp. Media [°C]	Quota [m]	Quota Spost. [mm]	Est Spost. [mm]	Nord Spost. [mm]
1	28/03/2013 11.00	15,0	16,1	0,0	0,0	0,0	17,4	0,0	0,0	0,0	15,0	20,6	0,0	0,0	0,0	
2	03/04/2013 17.30	16,0	16,1	-1,0	-1,0	0,0	16,0	17,4	0,0	-3,0	1,0	16,0	20,6	-1,0	1,0	0,0
3	10/04/2013 10.30	16,0	16,1	0,0	0,0	0,0	16,0	17,4	-2,0	1,0	2,0	16,0	20,6	-2,0	2,0	0,0
4	16/04/2013 15.00	23,0	16,1	0,0	2,0	0,0	23,0	17,4	-1,0	0,0	-1,0	23,0	20,6	0,0	1,0	-1,0
5	23/04/2013 08.30	13,0	16,1	1,0	1,0	2,0	13,0	17,4	-2,0	1,0	-1,0	13,0	20,6	-2,0	2,0	0,0
6	03/05/2013 14.30	25,0	16,1	0,0	4,0	1,0	25,0	17,4	-2,0	2,0	-1,0	25,0	20,6	-2,0	3,0	-1,0
7	09/05/2013 08.30	18,0	16,1	1,0	1,0	2,0	18,0	17,4	-2,0	1,0	1,0	18,0	20,6	-1,0	3,0	-1,0
8	15/05/2013 14.30	21,0	16,1	0,0	3,0	0,0	21,0	17,4	0,0	-1,0	-2,0	21,0	20,6	-1,0	0,0	-2,0
9	22/05/2013 08.30	19,0	16,1	0,0	3,0	-1,0	19,0	17,4	0,0	0,0	-1,0	19,0	20,6	-1,0	0,0	-1,0
10	31/05/2013 15.30	18,0	16,1	1,0	1,0	-1,0	18,0	17,4	-2,0	0,0	2,0	18,0	20,6	-2,0	2,0	1,0
11	07/06/2013 08.30	21,0	16,1	1,0	2,0	0,0	21,0	17,4	-2,0	0,0	0,0	21,0	20,6	-1,0	1,0	0,0
12	13/06/2013 14.30	28,0	16,1	1,0	3,0	-1,0	28,0	17,4	0,0	2,0	0,0	28,0	20,6	0,0	4,0	-1,0
13	18/06/2013 09.00	28,0	16,1	-1,0	2,0	2,0	28,0	17,4	-1,0	-1,0	1,0	28,0	20,6	-1,0	1,0	0,0
14	25/06/2013 18.00	28,0	16,1	0,0	4,0	0,0	28,0	17,4	0,0	0,0	0,0	28,0	20,6	-1,0	1,0	1,0
15	01/07/2013 07.30	22,0	16,1	-1,0	4,0	1,0	22,0	17,4	0,0	-1,0	1,0	22,0	20,6	-1,0	0,0	0,0
16	08/07/2013 17.30	25,0	16,1	2,0	3,0	2,0	25,0	17,4	0,0	-3,0	-1,0	25,0	20,6	0,0	-3,0	0,0
17	13/07/2013 07.30	25,0	16,1	0,0	4,0	3,0	25,0	17,4	0,0	-2,0	0,0	25,0	20,6	-2,0	-1,0	1,0
18	18/07/2013 07.30	25,0	16,1	-1,0	3,0	2,0	25,0	17,4	1,0	-2,0	0,0	25,0	20,6	0,0	0,0	0,0
19	25/07/2013 18.00	27,0	16,1	-1,0	4,0	3,0	27,0	17,4	1,0	-1,0	1,0	27,0	20,6	-1,0	0,0	0,0
20	31/07/2013 09.00	27,0	16,1	-1,0	4,0	4,0	27,0	17,4	0,0	0,0	1,0	27,0	20,6	0,0	2,0	1,0
21	07/08/2013 09.00	29,0	16,1	-1,0	4,0	4,0	29,0	17,4	0,0	0,0	1,0	29,0	20,6	-2,0	2,0	-1,0
22	13/08/2013 09.00	27,0	16,1	-1,0	3,0	3,0	27,0	17,4	-1,0	-1,0	1,0	27,0	20,6	-3,0	1,0	-2,0
23	21/08/2013 07.30	23,0	16,1	0,0	7,0	2,0	23,0	17,4	0,0	-1,0	1,0	23,0	20,6	-1,0	-1,0	0,0
24	28/08/2013 10.30	25,0	16,1	0,0	5,0	3,0	25,0	17,4	2,0	-3,0	3,0	25,0	20,6	0,0	-2,0	3,0
25	06/09/2013 17.30	29,0	16,1	1,0	5,0	1,0	29,0	17,4	0,0	-2,0	1,0	29,0	20,6	-1,0	-1,0	0,0
26	13/09/2013 07.30	18,0	16,1	1,0	5,0	2,0	18,0	17,4	-1,0	-3,0	0,0	18,0	20,6	0,0	0,0	0,0
27	21/09/2013 09.30	21,0	16,1	2,0	4,0	1,0	21,0	17,4	0,0	-2,0	0,0	21,0	20,6	-1,0	-1,0	1,0
28	26/09/2013 09.30	18,0	16,1	2,0	6,0	3,0	18,0	17,4	-1,0	-3,0	0,0	18,0	20,6	-1,0	-2,0	0,0
29	03/10/2013 16.30	20,0	16,1	2,0	4,0	3,0	20,0	17,4	0,0	-1,0	1,0	20,0	20,6	-1,0	0,0	0,0
30	10/10/2013 08.30	16,0	16,1	2,0	7,0	3,0	16,0	17,4	1,0	-2,0	0,0	16,0	20,6	-1,0	-1,0	1,0
31	16/10/2013 14.30	23,0	16,1	1,0	5,0	3,0	23,0	17,4	0,0	-2,0	2,0	23,0	20,6	-1,0	0,0	3,0
32	24/10/2013 08.30	18,0	16,1	2,0	4,0	2,0	18,0	17,4	0,0	0,0	1,0	18,0	20,6	-2,0	0,0	0,0
33	31/10/2013 14.30	23,0	16,1	2,0	5,0	4,0	23,0	17,4	-1,0	-3,0	2,0	23,0	20,6	-2,0	-1,0	1,0
34	07/11/2013 08.30	11,0	16,1	2,0	6,0	3,0	11,0	17,4	-1,0	-2,0	0,0	11,0	20,6	-2,0	-1,0	-1,0
35	14/11/2013 14.30	20,0	16,1	3,0	5,0	4,0	20,0	17,4	0,0	-3,0	2,0	20,0	20,6	-1,0	-1,0	1,0
36	25/11/2013 15.30	12,0	16,1	3,0	5,0	4,0	12,0	17,4	0,0	-2,0	0,0	12,0	20,6	-1,0	0,0	1,0
37	30/11/2013 08.30	7,0	16,1	3,0	6,0	3,0	7,0	17,4	0,0	0,0	1,0	7,0	20,6	-1,0	1,0	2,0
38	05/12/2013 08.30	7,0	16,1	3,0	3,0	2,0	7,0	17,4	0,0	-2,0	0,0	7,0	20,6	-1,0	-1,0	1,0
39	19/12/2013 13.00	8,0	16,1	1,0	4,0	0,0	8,0	17,4	0,0	-3,0	-1,0	8,0	20,6	-3,0	-1,0	-1,0
40	27/12/2013 09.00	8,0	16,1	1,0	5,0	1,0	8,0	17,4	-2,0	-2,0	-2,0	8,0	20,6	-4,0	-2,0	0,0
41	02/01/2014 07.30	14,0	16,1	1,0	6,0	1,0	14,0	17,4	-2,0	-2,0	-2,0	14,0	20,6	-4,0	-2,0	-1,0
42	08/01/2014 14.30	14,0	16,1	1,0	9,0	2,0	14,0	17,4	-1,0	-3,0	3,0	14,0	20,6	-2,0	-1,0	1,0
43	15/01/2014 08.30	11,0	16,1	4,0	7,0	1,0	11,0	17,4	-1,0	-4,0	-1,0	11,0	20,6	-1,0	-3,0	0,0
44	22/01/2014 14.30	12,0	16,1	4,0	5,0	3,0	12,0	17,4	-1,0	-4,0	-1,0	12,0	20,6	0,0	-2,0	1,0
45	29/01/2014 08.30	7,0	16,1	3,0	5,0	2,0	7,0	17,4	-1,0	-3,0	-1,0	7,0	20,6	0,0	-2,0	0,0
46	06/02/2014 14.30	14,0	16,1	3,0	5,0	1,0	14,0	17,4	-2,0	-4,0	1,0	14,0	20,6	-3,0	-3,0	1,0
47	12/02/2014 08.30	11,0	16,1	3,0	6,0	2,0	11,0	17,4	-1,0	-1,0	4,0	11,0	20,6	-2,0	-1,0	3,0
48	19/02/2014 14.30	18,0	16,1	3,0	5,0	3,0	18,0	17,4	-1,0	-4,0	1,0	18,0	20,6	-2,0	-2,0	2,0
49	28/02/2014 08.30	12,0	16,1	1,0	1,0	0,0	12,0	17,4	0,0	-4,0	3,0	12,0	20,6	-2,0	-2,0	3,0
50	06/03/2014 16.30	15,0	16,1	2,0	5,0	2,0	15,0	17,4	0,0	-3,0	3,0	15,0	20,6	-2,0	-1,0	4,0
51	10/03/2014 08.30	10,0	16,1	3,0	7,0	3,0	10,0	17,4	0,0	-2,0	3,0	10,0	20,6	-2,0	-1,0	3,0
52	17/03/2014 15.30	15,0	16,1	3,0	3,0	0,0	15,0	17,4	0,0	-2,0	3,0	15,0	20,6	-2,0	0,0	3,0
53	24/03/2014 08.30	10,0	16,1	3,0	5,0	3,0	10,0	17,4	0,0	-3,0	2,0	10,0	20,6	-2,0	-2,0	3,0
54	01/04/2014 18.30	15,0	16,1	3,0	5,0	2,0	15,0	17,4	0,0	-3,0	2,0	15,0	20,6	-2,0	-2,0	5,0
55	09/04/2014 08.30	15,0	16,1	3,0	5,0	2,0	15,0	17,4	0,0	-2,0	4,0	15,0	20,6	-2,0	-1,0	3,0
56	16/04/2014 08.30	10,0	16,1	3,0	7,0	5,0	10,0	17,4	0,0	-5,0	6,0	10,0	20,6	-2,0	-3,0	5,0
57	24/04/2014 08.30	15,0	16,1	3,0	4,0	2,0	15,0	17,4	0,0	-5,0	6,0	15,0	20,6	-3,0	-3,0	6,0
58	06/05/2014 08.30	15,0	16,1	3,0	5,0	5,0	15,0	17,4	0,0	-4,0	4,0	15,0	20,6	-3,0	-3,0	2,0
59	13/05/2014 08.30	18,0	16,1	3,0	7,0	4,0	18,0	17,4	0,0	-2,0	4,0	18,0	20,6	-3,0	-1,0	4,0
60	22/05/2014 08.30	20,0	16,1	3,0	5,0	4,0	20,0	17,4	0,0	-4,0	4,0	20,0	20,6	-3,0	-3,0	3,0
61	29/05/2014 08.30	18,0	16,1	3,0	8,0	4,0	18,0	17,4	-1,0	-4,0	3,0	18,0	20,6	-2,0	-2,0	2,0
62	11/06/2014 08.30	22,0	16,1	3,0	6,0	5,0	22,0	17,4	-1,0	-4,0	6,0	22,0	20,6	-2,0	-2,0	4,0
63	18/06/2014 08.30	18,0	16,1	3,0	6,0	6,0	18,0	17,4	-1,0	-5,0	3,0	18,0	20,6	-2,0	-4,0	4,0
64	26/06/2014 08.30	22,0	16,1	3,0	4,0	3,0	22,0	17,4	-1,0	-3,0	4,0	22,0	20,6	-2,0	-2,0	3,0
65	08/07/2014 08.30	25,0	16,1	3,0	7,0	3,0	25,0	17,4	0,0	-5,0	2,0	25,0	20,6	-2,0	-2,0	4,0
66	23/07/2014 08.30	25,0	16,1	3,0	7,0	5,0	25,0	17,4	0,0	-5,0	3,0	25,0	20,6	-2,0	-4,0	3,0
67	06/08/2014 08.30	25,0	16,1	3,0	7,0	3,0	25,0	17,4	0,0	-5,0	4,0	25,0	20,6	-2,0	-5,0	3,0
68	02/09/2014 08.30	18,0	16,1	3,0	7,0	4,0	18,0	17,4	0,0	-6,0	2,0	18,0	20,6	-2,0	-5,0	4,0
69	16/09/2014 08.30	20,0	16,1	3,0	8,0	4,0	20,0	17,4	0,0	-7,0	1,0	20,0	20,6	-2,0	-5,0	2,0
70	30/09/2014 08.30	18,0	16,1	2,0	7,0	4,0	18,0	17,4	0,0	-6,0	3,0	18,0	20,6	-2,0	-5,0	4,0
71	14/10/2014 08.30	20,0	16,1	2,0	7,0	4,0	20,0	17,4	0,0	-4,0	6,0	20,0	20,6	-2,0	-1,0	4,0
72	28/10/2014 08.30	14,0	16,1	2,0	7,0	4,0	14,0	17,4	0,0	-6,0	4,0	14,0	20,6	-2,0	-4,0	5,0



Ubicazione STAZIONE CHIAIA
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GRAFICO QUOTA

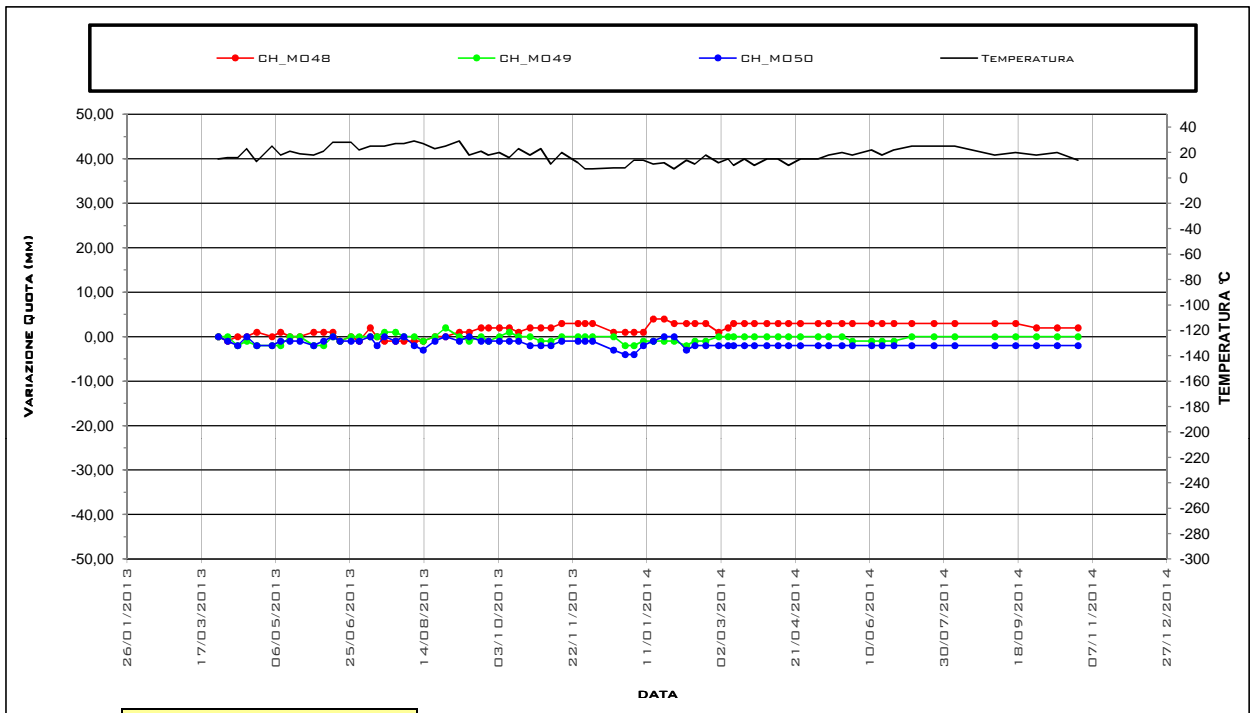
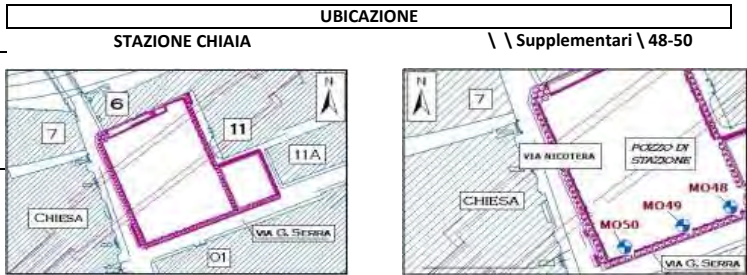
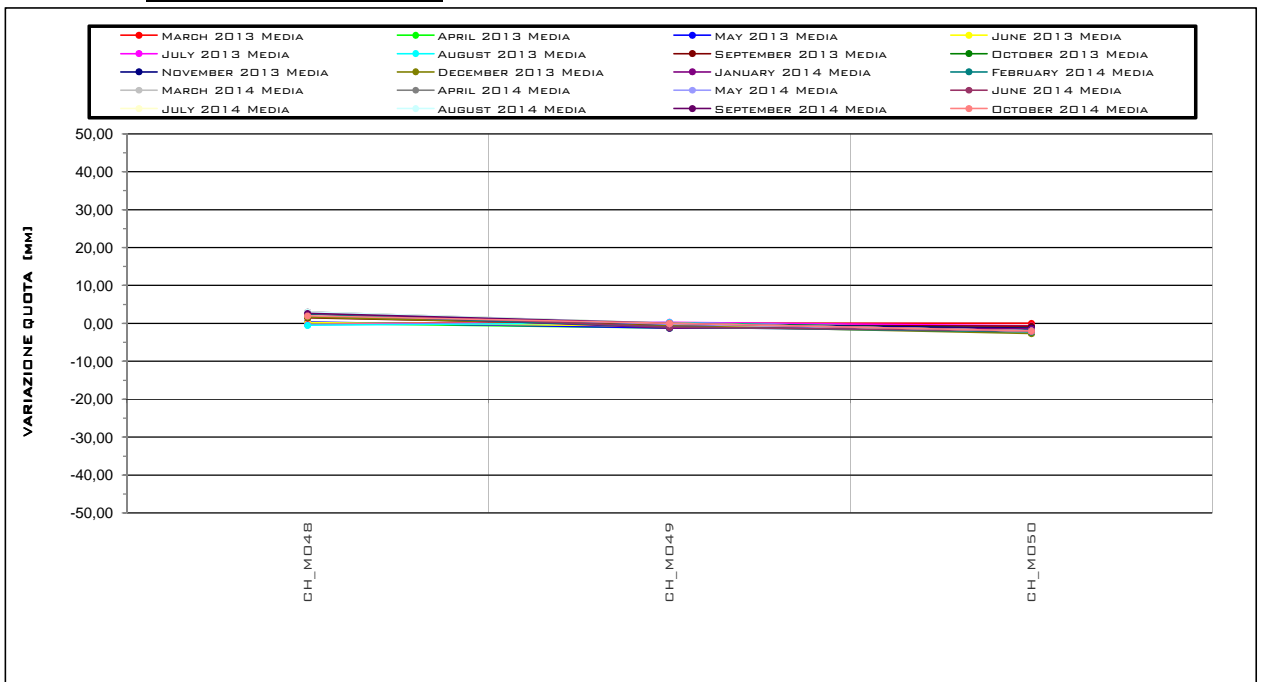


GRAFICO ISOCRONE





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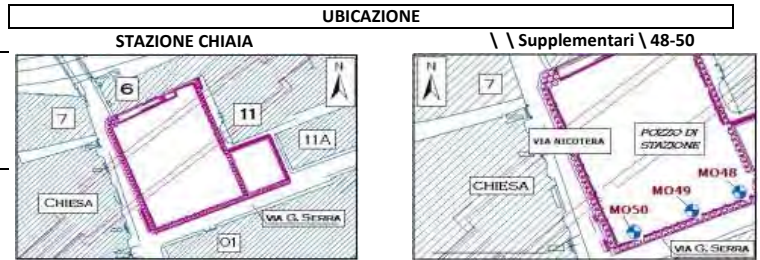


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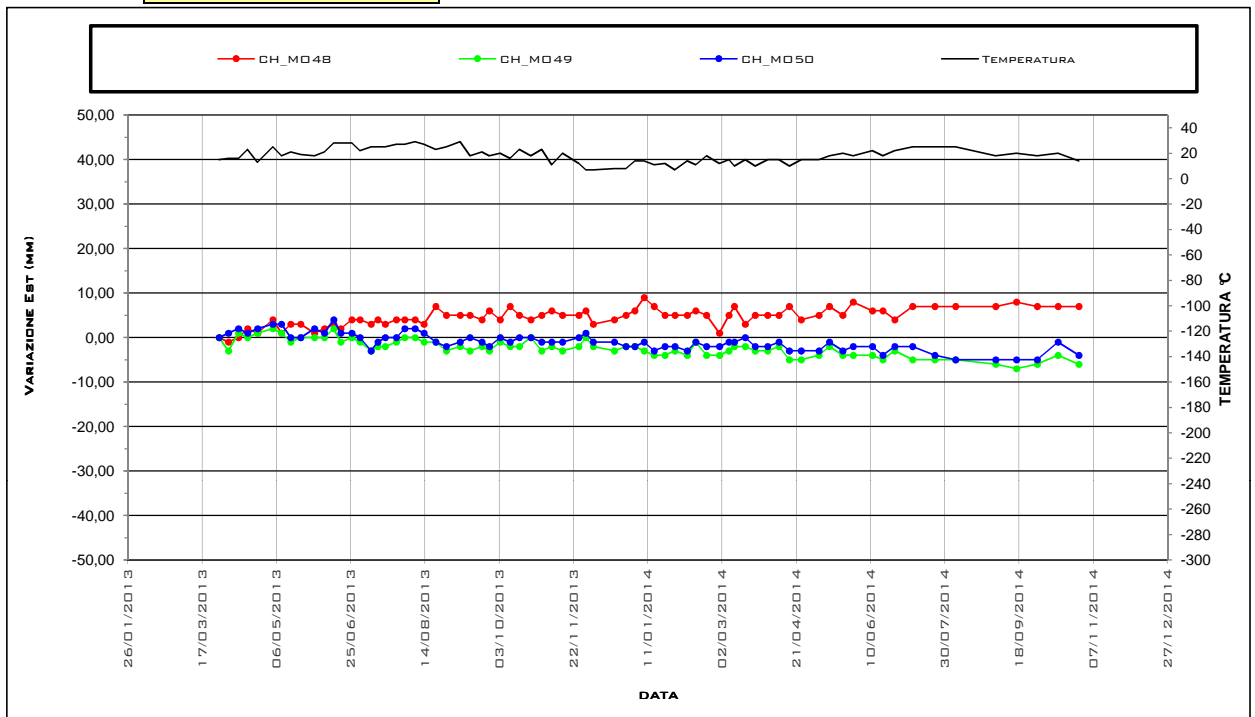
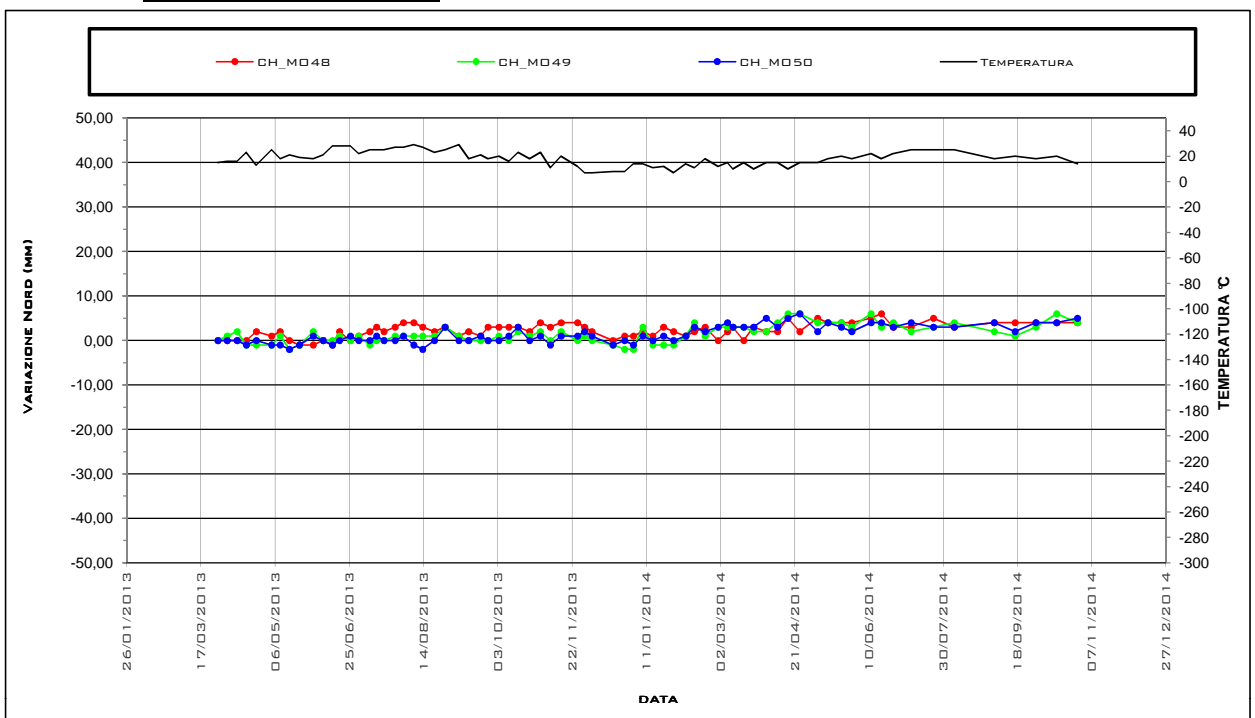


GRAFICO NORD





Ubicazione STAZIONE CHIAIA

Opera \ \ Supplementari \ 51-53

Tipo Strumento Mire Ottiche

Data posa in opera 03/04/2013

Data lettura di zero 03/04/2013

Ultima Misura 72 **in data** **28/10/2014**

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1	28/03/2013 11.00						15,0	21,9	0,0	0,0	0,0	15,0	22,3	0,0	0,0	0,0
2	03/04/2013 17.30	16,0	21,6	0,0	0,0	0,0	16,0	21,9	-1,0	1,0	0,0	16,0	22,3	1,0	0,0	-1,0
3	10/04/2013 10.30	16,0	21,6	0,0	0,0	0,0	16,0	21,9	-2,0	1,0	1,0	16,0	22,3	0,0	-1,0	0,0
4	16/04/2013 15.00	23,0	21,6	1,0	0,0	0,0	23,0	21,9	-1,0	1,0	0,0	23,0	22,3	0,0	0,0	-1,0
5	23/04/2013 08.30	13,0	21,6	-2,0	0,0	0,0	13,0	21,9	-2,0	2,0	0,0	13,0	22,3	-2,0	0,0	-2,0
6	03/05/2013 14.30	25,0	21,6	0,0	2,0	0,0	25,0	21,9	-1,0	3,0	0,0	25,0	22,3	0,0	1,0	-1,0
7	09/05/2013 08.30	18,0	21,6	0,0	2,0	0,0	18,0	21,9	-2,0	2,0	0,0	18,0	22,3	-1,0	-1,0	0,0
8	15/05/2013 14.30	21,0	21,6	0,0	1,0	-1,0	21,0	21,9	0,0	2,0	0,0	21,0	22,3	1,0	1,0	-2,0
9	22/05/2013 08.30	19,0	21,6	0,0	0,0	0,0	19,0	21,9	-2,0	1,0	0,0	19,0	22,3	-1,0	-1,0	0,0
10	31/05/2013 15.30	18,0	21,6	-2,0	1,0	1,0	18,0	21,9	-3,0	2,0	1,0	18,0	22,3	-2,0	0,0	0,0
11	07/06/2013 08.30	21,0	21,6	-1,0	1,0	1,0	21,0	21,9	-2,0	1,0	1,0	21,0	22,3	-1,0	0,0	0,0
12	13/06/2013 14.30	28,0	21,6	0,0	4,0	-1,0	28,0	21,9	0,0	4,0	-1,0	28,0	22,3	0,0	1,0	-2,0
13	18/06/2013 09.00	28,0	21,6	0,0	2,0	1,0	28,0	21,9	-2,0	2,0	2,0	28,0	22,3	-1,0	-1,0	0,0
14	25/06/2013 18.00	28,0	21,6	-2,0	1,0	2,0	28,0	21,9	-2,0	2,0	2,0	28,0	22,3	0,0	0,0	0,0
15	01/07/2013 07.30	22,0	21,6	-1,0	2,0	2,0	22,0	21,9	-2,0	3,0	2,0	22,0	22,3	0,0	2,0	0,0
16	08/07/2013 17.30	25,0	21,6	0,0	-1,0	1,0	25,0	21,9	-2,0	-1,0	0,0	25,0	22,3	0,0	0,0	0,0
17	13/07/2013 07.30	25,0	21,6	-2,0	1,0	3,0	25,0	21,9	-3,0	2,0	1,0	25,0	22,3	-2,0	0,0	0,0
18	18/07/2013 07.30	25,0	21,6	-1,0	1,0	1,0	25,0	21,9	-2,0	1,0	1,0	25,0	22,3	0,0	0,0	0,0
19	25/07/2013 18.00	27,0	21,6	-1,0	1,0	1,0	27,0	21,9	-3,0	2,0	1,0	27,0	22,3	-1,0	1,0	0,0
20	31/07/2013 09.00	27,0	21,6	-2,0	1,0	1,0	27,0	21,9	-2,0	2,0	1,0	27,0	22,3	-1,0	0,0	0,0
21	07/08/2013 09.00	29,0	21,6	-3,0	1,0	1,0	29,0	21,9	-4,0	1,0	1,0	29,0	22,3	-2,0	0,0	0,0
22	13/08/2013 09.00	27,0	21,6	-4,0	0,0	1,0	27,0	21,9	-5,0	0,0	1,0	27,0	22,3	-3,0	-1,0	1,0
23	21/08/2013 07.30	23,0	21,6	-2,0	1,0	1,0	23,0	21,9	-2,0	3,0	2,0	23,0	22,3	-1,0	2,0	0,0
24	28/08/2013 10.30	25,0	21,6	0,0	0,0	4,0	25,0	21,9	-1,0	1,0	3,0	25,0	22,3	1,0	1,0	3,0
25	06/09/2013 17.30	29,0	21,6	-1,0	0,0	0,0	29,0	21,9	-2,0	1,0	2,0	29,0	22,3	1,0	0,0	0,0
26	13/09/2013 07.30	18,0	21,6	-2,0	1,0	1,0	18,0	21,9	-2,0	1,0	1,0	18,0	22,3	0,0	0,0	0,0
27	21/09/2013 09.30	21,0	21,6	-3,0	0,0	2,0	21,0	21,9	-4,0	2,0	1,0	21,0	22,3	-2,0	0,0	1,0
28	26/09/2013 09.30	18,0	21,6	-2,0	0,0	2,0	18,0	21,9	-3,0	1,0	1,0	18,0	22,3	0,0	0,0	0,0
29	03/10/2013 16.30	20,0	21,6	-1,0	1,0	2,0	20,0	21,9	-2,0	2,0	3,0	20,0	22,3	-1,0	0,0	1,0
30	10/10/2013 08.30	16,0	21,6	-1,0	1,0	2,0	16,0	21,9	-2,0	2,0	1,0	16,0	22,3	-1,0	0,0	0,0
31	16/10/2013 14.30	23,0	21,6	-3,0	0,0	3,0	23,0	21,9	-3,0	2,0	3,0	23,0	22,3	-1,0	-1,0	0,0
32	24/10/2013 08.30	18,0	21,6	-2,0	1,0	2,0	18,0	21,9	-3,0	4,0	1,0	18,0	22,3	-1,0	1,0	0,0
33	31/10/2013 14.30	23,0	21,6	-2,0	0,0	2,0	23,0	21,9	-5,0	1,0	1,0	23,0	22,3	-2,0	-1,0	1,0
34	07/11/2013 08.30	11,0	21,6	-2,0	0,0	1,0	11,0	21,9	-4,0	1,0	1,0	11,0	22,3	-1,0	0,0	0,0
35	14/11/2013 14.30	20,0	21,6	-2,0	0,0	2,0	20,0	21,9	-4,0	1,0	1,0	20,0	22,3	-1,0	-1,0	0,0
36	25/11/2013 15.30	12,0	21,6	-2,0	1,0	1,0	12,0	21,9	-3,0	3,0	2,0	12,0	22,3	-1,0	0,0	0,0
37	30/11/2013 08.30	7,0	21,6	-2,0	2,0	2,0	7,0	21,9	-3,0	3,0	2,0	7,0	22,3	-1,0	1,0	0,0
38	05/12/2013 08.30	7,0	21,6	-2,0	0,0	0,0	7,0	21,9	-3,0	2,0	1,0	7,0	22,3	-1,0	0,0	0,0
39	19/12/2013 13.00	8,0	21,6	-4,0	0,0	0,0	8,0	21,9	-5,0	1,0	2,0	8,0	22,3	-3,0	-2,0	1,0
40	27/12/2013 09.00	8,0	21,6	-4,0	-1,0	2,0	8,0	21,9	-6,0	0,0	3,0	8,0	22,3	-4,0	-2,0	3,0
41	02/01/2014 07.30	14,0	21,6	-5,0	0,0	1,0	14,0	21,9	-6,0	-1,0	2,0	14,0	22,3	-5,0	-3,0	3,0
42	08/01/2014 14.30	14,0	21,6	-3,0	0,0	2,0	14,0	21,9	-4,0	1,0	4,0	14,0	22,3	-2,0	-2,0	2,0
43	15/01/2014 08.30	11,0	21,6	-2,0	0,0	0,0	11,0	21,9	-3,0	1,0	0,0	11,0	22,3	-2,0	-1,0	0,0
44	22/01/2014 14.30	12,0	21,6	-2,0	0,0	0,0	12,0	21,9	-3,0	0,0	1,0	12,0	22,3	-1,0	-1,0	0,0
45	29/01/2014 08.30	7,0	21,6	-2,0	0,0	0,0	7,0	21,9	-3,0	1,0	1,0	7,0	22,3	-2,0	0,0	1,0
46	06/02/2014 14.30	14,0	21,6	-3,0	-1,0	2,0	14,0	21,9	-4,0	0,0	2,0	14,0	22,3	-2,0	-3,0	1,0
47	12/02/2014 08.30	11,0	21,6	-3,0	2,0	3,0	11,0	21,9	-4,0	3,0	4,0	11,0	22,3	-2,0	-1,0	2,0
48	19/02/2014 14.30	18,0	21,6	-2,0	0,0	2,0	18,0	21,9	-4,0	2,0	3,0	18,0	22,3	-2,0	-1,0	1,0
49	28/02/2014 08.30	12,0	21,6	-2,0	2,0	3,0	12,0	21,9	-3,0	2,0	4,0					
50	06/03/2014 16.30	15,0	21,6	-3,0	1,0	3,0	15,0	21,9	-4,0	1,0	4,0					
51	10/03/2014 08.30	10,0	21,6	-3,0	0,0	3,0	10,0	21,9	-4,0	2,0	5,0					
52	17/03/2014 15.30	15,0	21,6	-3,0	2,0	2,0	15,0	21,9	-4,0	2,0	3,0					
53	24/03/2014 08.30	10,0	21,6	-3,0	-1,0	3,0	10,0	21,9	-4,0	1,0	3,0					
54	01/04/2014 18.30	15,0	21,6	-2,0	-1,0	5,0	15,0	21,9	-4,0	-1,0	5,0					
55	09/04/2014 08.30	15,0	21,6	-2,0	0,0	2,0	15,0	21,9	-4,0	2,0	3,0					
56	16/04/2014 08.30	10,0	21,6	-2,0	-1,0	5,0	10,0	21,9	-4,0	0,0	5,0					
57	24/04/2014 08.30	15,0	21,6	-2,0	-1,0	5,0	15,0	21,9	-4,0	0,0	5,0					
58	06/05/2014 08.30	15,0	21,6	-3,0	1,0	2,0	15,0	21,9	-4,0	1,0	3,0					
59	13/05/2014 08.30	18,0	21,6	-3,0	2,0	3,0	18,0	21,9	-4,0	2,0	3,0					
60	22/05/2014 08.30	20,0	21,6	-3,0	0,0	2,0	20,0	21,9	-4,0	0,0	3,0					
61	29/05/2014 08.30	18,0	21,6	-3,0	0,0	3,0	18,0	21,9	-4,0	0,0	2,0					
62	11/06/2014 08.30	22,0	21,6	-3,0	0,0	3,0	22,0	21,9	-4,0	1,0	4,0					
63	18/06/2014 08.30	18,0	21,6	-3,0	0,0	2,0	18,0	21,9	-4,0	1,0	5,0					
64	26/06/2014 08.30	22,0	21,6	-3,0	0,0	2,0	22,0	21,9	-4,0	2,0	4,0					
65	08/07/2014 08.30	25,0	21,6	-3,0	0,0	3,0	25,0	21,9	-4,0	2,0	4,0					
66	23/07/2014 08.30	25,0	21,6	-3,0	0,0	1,0	25,0	21,9	-4,0	2,0	2,0					
67	06/08/2014 08.30	25,0	21,6	-3,0	-1,0	5,0	25,0	21,9	-3,0	1,0	4,0	25,0	22,3	-1,0	-2,0	2,0
68	02/09/2014 08.30	18,0	21,6	-3,0	-2,0	3,0	18,0	21,9	-3,0	1,0	5,0	18,0	22,3	-1,0	0,0	3,0
69	16/09/2014 08.30	20,0	21,6	-3,0	-2,0	1,0	20,0	21,9	-3,0	0,0	3,0	20,0	22,3	-1,0	-1,0	2,0
70	30/09/2014 08.30	18,0	21,6	-3,0	-1,0	3,0	18,0	21,9	-3,0	-1,0	4,0	18,0	22,3	-1,0	-2,0	3,0
71	14/10/2014 08.30	20,0	21,6	-3,0	2,0	5,0	20,0	21,9	-3,0	2,0	4,0	20,0	22,3	-1,0	-2,0	2,0
72	28/10/2014 08.30	14,0	21,6	-3,0	-2,0	3,0	14,0	21,9	-3,0	-1,0	4,0	14,0	22,3	-1,0	-4,0	2,0



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GRAFICO QUOTA

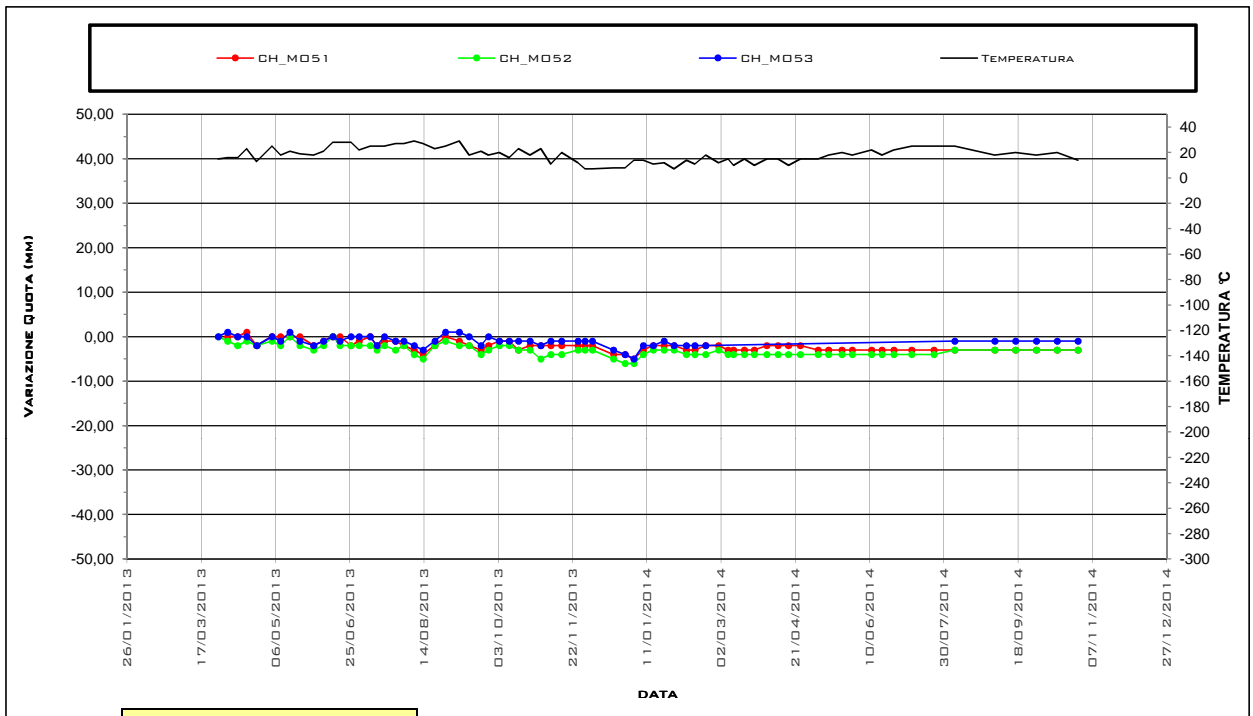
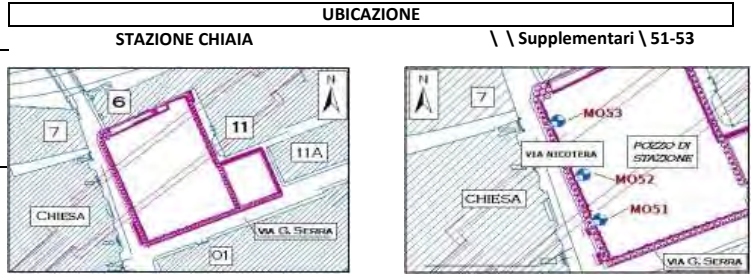
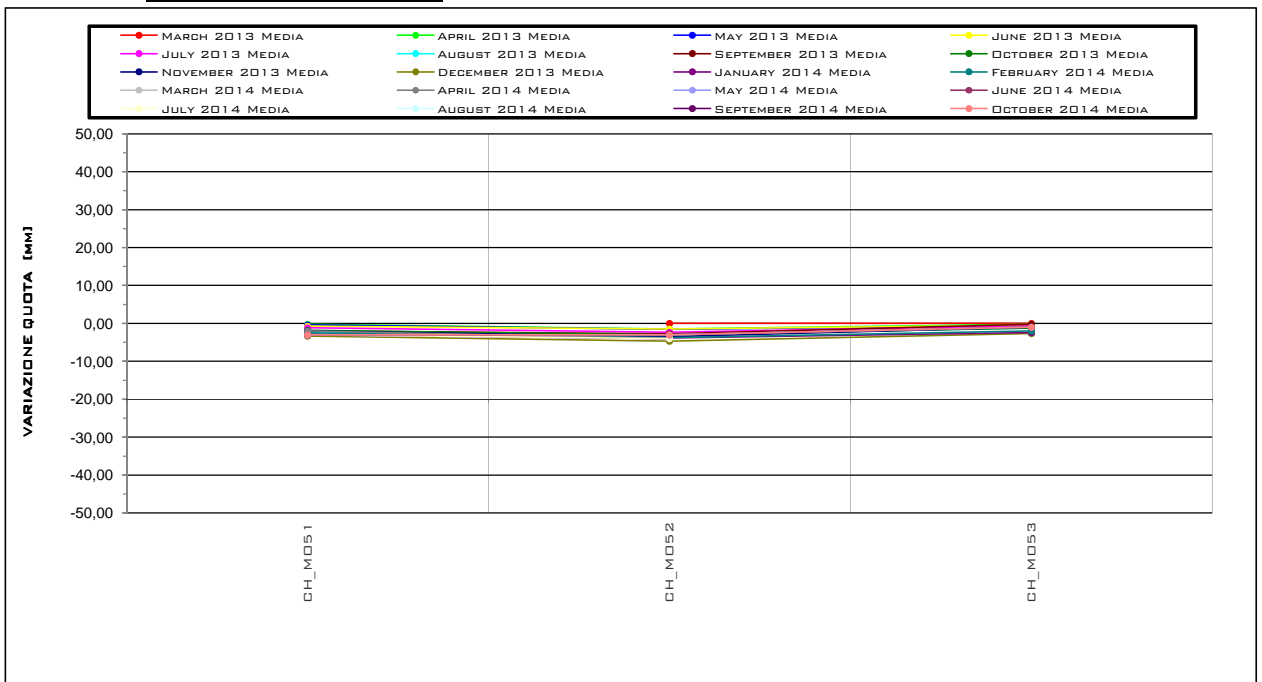


GRAFICO ISOCRONE





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Data posa in opera 03/04/2013
Data lettura di zero 03/04/2013

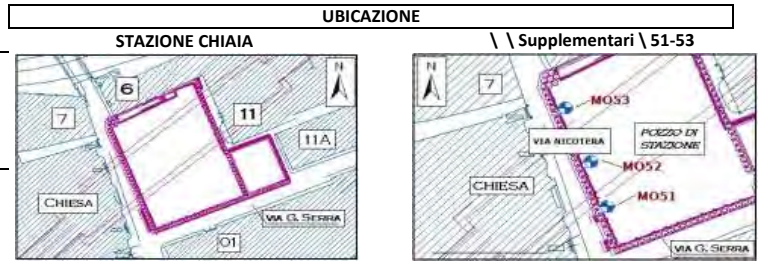


GRAFICO EST

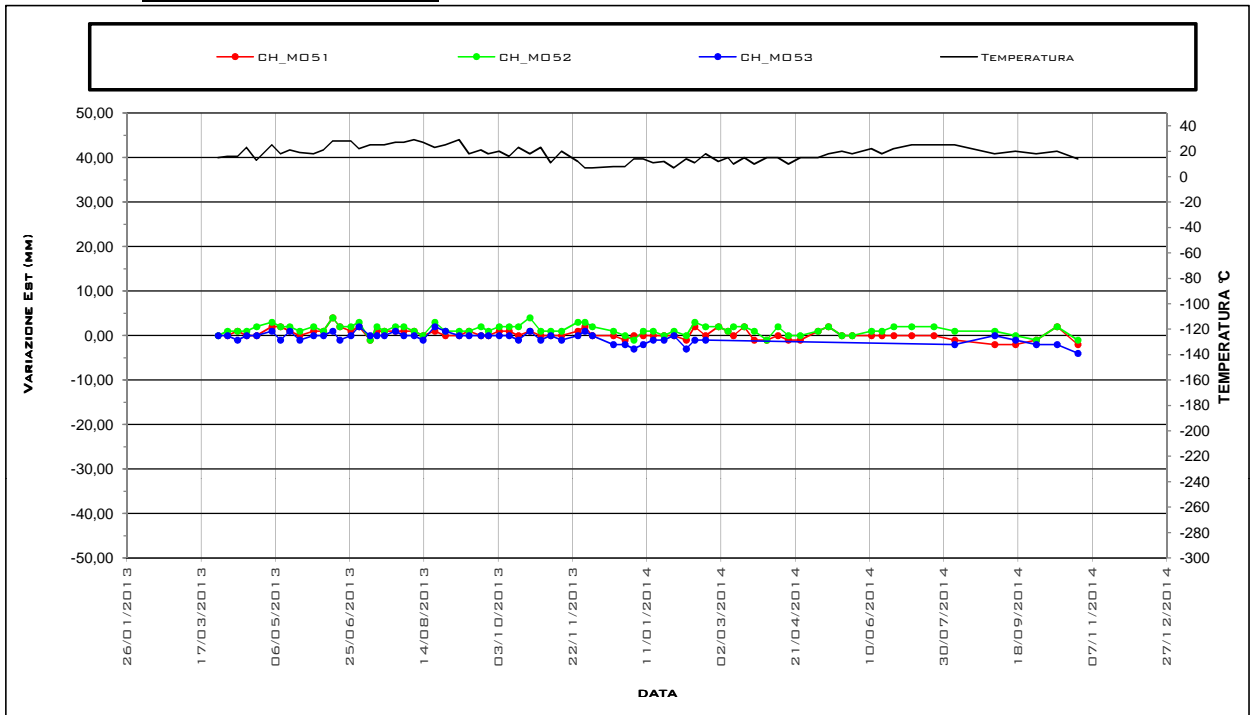
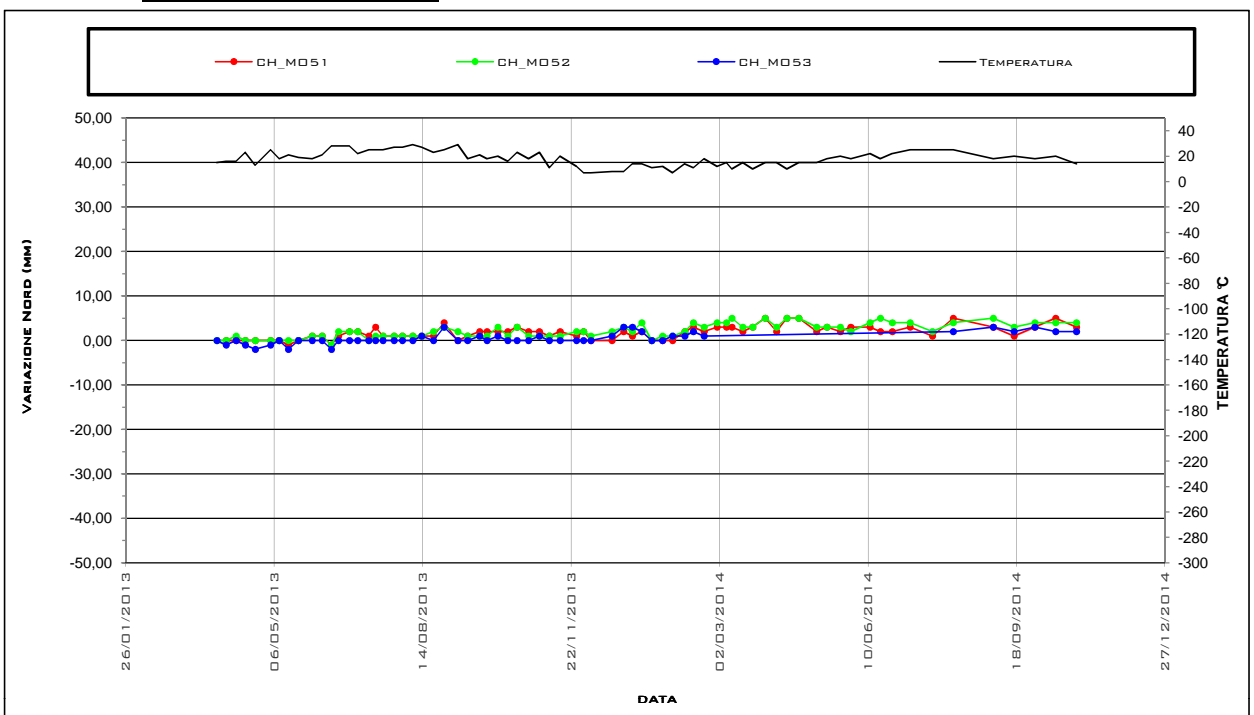


GRAFICO NORD





Ubicazione STAZIONE CHIAIA

Opera \ \ Supplementari \ 54-55

Tipo Strumento Mire Ottiche

Data posa in opera 28/03/2013

Data lettura di zero 28/03/2013

Ultima 72 **in**
Misura **data** 28/10/2014

Lett. n°	DATA	CH_M054					CH_M055				
		Temp. Media [°C]	Quota [m]	Quota Spost. [mm]	Est Spost. [mm]	Nord Spost. [mm]	Temp. Media [°C]	Quota [m]	Quota Spost. [mm]	Est Spost. [mm]	Nord Spost. [mm]
1	28/03/2013 11.00	15,0	14,4	0,0	0,0	0,0	15,0	14,5	0,0	0,0	0,0
2	03/04/2013 17.30	16,0	14,4	-2,0	-2,0	0,0	16,0	14,5	0,0	0,0	0,0
3	10/04/2013 10.30	16,0	14,4	-2,0	-2,0	0,0	16,0	14,5	0,0	1,0	2,0
4	16/04/2013 15.00	23,0	14,4	-1,0	-1,0	-1,0	23,0	14,5	0,0	1,0	-1,0
5	23/04/2013 08.30	13,0	14,4	-2,0	-2,0	-1,0	13,0	14,5	-1,0	0,0	1,0
6	03/05/2013 14.30	25,0	14,4	0,0	0,0	-1,0	25,0	14,5	0,0	2,0	1,0
7	09/05/2013 08.30	18,0	14,4	-1,0	-3,0	-1,0	18,0	14,5	0,0	1,0	3,0
8	15/05/2013 14.30	21,0	14,4	0,0	0,0	-2,0	21,0	14,5	0,0	2,0	0,0
9	22/05/2013 08.30	19,0	14,4	-1,0	-3,0	-1,0	19,0	14,5	0,0	2,0	0,0
10	31/05/2013 15.30	18,0	14,4	-2,0	-3,0	0,0	18,0	14,5	1,0	1,0	0,0
11	07/06/2013 08.30	21,0	14,4	-2,0	-2,0	-1,0	21,0	14,5	1,0	2,0	1,0
12	13/06/2013 14.30	28,0	14,4	0,0	-2,0	-3,0	28,0	14,5	2,0	4,0	-1,0
13	18/06/2013 09.00	28,0	14,4	-2,0	-3,0	0,0	28,0	14,5	1,0	1,0	0,0
14	25/06/2013 18.00	28,0	14,4	-1,0	-2,0	0,0	28,0	14,5	1,0	3,0	0,0
15	01/07/2013 07.30	22,0	14,4	0,0	-2,0	-1,0	22,0	14,5	1,0	2,0	0,0
16	08/07/2013 17.30	25,0	14,4	1,0	-3,0	-1,0	25,0	14,5	0,0	2,0	1,0
17	13/07/2013 07.30	25,0	14,4	0,0	-2,0	0,0	25,0	14,5	0,0	1,0	0,0
18	18/07/2013 07.30	25,0	14,4	1,0	-3,0	0,0	25,0	14,5	0,0	2,0	-1,0
19	25/07/2013 18.00	27,0	14,4	0,0	-2,0	-1,0	27,0	14,5	0,0	2,0	-1,0
20	31/07/2013 09.00	27,0	14,4	0,0	-4,0	-1,0	27,0	14,5	2,0	2,0	-1,0
21	07/08/2013 09.00	29,0	14,4	-2,0	-4,0	0,0	29,0	14,5	2,0	2,0	-1,0
22	13/08/2013 09.00	27,0	14,4	-3,0	-5,0	1,0	27,0	14,5	2,0	1,0	-1,0
23	21/08/2013 07.30	23,0	14,4	0,0	-1,0	-1,0	23,0	14,5	1,0	3,0	-1,0
24	28/08/2013 10.30	25,0	14,4	1,0	-3,0	1,0	25,0	14,5	2,0	3,0	0,0
25	06/09/2013 17.30	29,0	14,4	0,0	-4,0	-1,0	29,0	14,5	3,0	3,0	0,0
26	13/09/2013 07.30	18,0	14,4	0,0	-3,0	-2,0	18,0	14,5	2,0	3,0	-2,0
27	21/09/2013 09.30	21,0	14,4	-1,0	-4,0	-1,0	21,0	14,5	3,0	3,0	-1,0
28	26/09/2013 09.30	18,0	14,4	0,0	-4,0	-1,0	18,0	14,5	3,0	3,0	-1,0
29	03/10/2013 16.30	20,0	14,4	0,0	-3,0	0,0	20,0	14,5	3,0	2,0	0,0
30	10/10/2013 08.30	16,0	14,4	0,0	-4,0	-1,0	16,0	14,5	2,0	4,0	1,0
31	16/10/2013 14.30	23,0	14,4	0,0	-5,0	0,0	23,0	14,5	3,0	4,0	1,0
32	24/10/2013 08.30	18,0	14,4	-1,0	-3,0	-1,0	18,0	14,5	2,0	4,0	2,0
33	31/10/2013 14.30	23,0	14,4	-2,0	-5,0	0,0	23,0	14,5	3,0	4,0	0,0
34	07/11/2013 08.30	11,0	14,4	-2,0	-4,0	-1,0	11,0	14,5	3,0	5,0	2,0
35	14/11/2013 14.30	20,0	14,4	-2,0	-5,0	-1,0	20,0	14,5	2,0	4,0	1,0
36	25/11/2013 15.30	12,0	14,4	-1,0	-3,0	-2,0	12,0	14,5	2,0	5,0	2,0
37	30/11/2013 08.30	7,0	14,4	-1,0	-3,0	0,0	7,0	14,5	3,0	4,0	0,0
38	05/12/2013 08.30	7,0	14,4	-1,0	-4,0	0,0	7,0	14,5	3,0	5,0	1,0
39	19/12/2013 13.00	8,0	14,4	-3,0	-5,0	1,0	8,0	14,5	3,0	5,0	0,0
40	27/12/2013 09.00	8,0	14,4	-4,0	-6,0	3,0	8,0	14,5	3,0	3,0	1,0
41	02/01/2014 07.30	14,0	14,4	-5,0	-7,0	3,0	14,0	14,5	3,0	3,0	1,0
42	08/01/2014 14.30	14,0	14,4	-1,0	-6,0	1,0	14,0	14,5	2,0	6,0	1,0
43	15/01/2014 08.30	11,0	14,4	-1,0	-6,0	0,0	11,0	14,5	2,0	4,0	0,0
44	22/01/2014 14.30	12,0	14,4	0,0	-5,0	0,0	12,0	14,5	3,0	6,0	1,0
45	29/01/2014 08.30	7,0	14,4	-1,0	-5,0	1,0	7,0	14,5	1,0	3,0	2,0
46	06/02/2014 14.30	14,0	14,4	-2,0	-7,0	1,0	14,0	14,5	1,0	5,0	1,0
47	12/02/2014 08.30	11,0	14,4	-1,0	-6,0	1,0	11,0	14,5	1,0	6,0	3,0
48	19/02/2014 14.30	18,0	14,4	-1,0	-5,0	0,0	18,0	14,5	1,0	5,0	1,0
49	28/02/2014 08.30	12,0	14,4	-1,0	-6,0	2,0	12,0	14,5	2,0	3,0	0,0
50	06/03/2014 16.30	15,0	14,4	-1,0	-6,0	2,0	15,0	14,5	3,0	6,0	2,0
51	10/03/2014 08.30	10,0	14,4	-1,0	-6,0	1,0	10,0	14,5	3,0	5,0	0,0
52	17/03/2014 15.30	15,0	14,4	-1,0	-7,0	0,0	15,0	14,5	3,0	4,0	1,0
53	24/03/2014 08.30	10,0	14,4	0,0	-6,0	1,0	10,0	14,5	2,0	6,0	1,0
54	01/04/2014 18.30	15,0	14,4	0,0	-7,0	3,0	15,0	14,5	3,0	4,0	0,0
55	09/04/2014 08.30	15,0	14,4	0,0	-7,0	2,0	15,0	14,5	3,0	5,0	-1,0
56	16/04/2014 08.30	10,0	14,4	0,0	-7,0	1,0	10,0	14,5	3,0	5,0	0,0
57	24/04/2014 08.30	15,0	14,4	0,0	-7,0	1,0	15,0	14,5	3,0	4,0	0,0
58	06/05/2014 08.30	15,0	14,4	-1,0	-6,0	-1,0	15,0	14,5	3,0	4,0	0,0
59	13/05/2014 08.30	18,0	14,4	-1,0	-7,0	0,0	18,0	14,5	3,0	6,0	-1,0
60	22/05/2014 08.30	20,0	14,4	0,0	-6,0	0,0	20,0	14,5	3,0	5,0	0,0
61	29/05/2014 08.30	18,0	14,4	0,0	-8,0	0,0	18,0	14,5	3,0	5,0	-2,0
62	11/06/2014 08.30	22,0	14,4	0,0	-7,0	0,0	22,0	14,5	3,0	4,0	-3,0
63	18/06/2014 08.30	18,0	14,4	0,0	-5,0	0,0	18,0	14,5	3,0	4,0	-1,0
64	26/06/2014 08.30	22,0	14,4	0,0	-7,0	-1,0	22,0	14,5	3,0	6,0	-1,0
65	08/07/2014 08.30	25,0	14,4	1,0	-4,0	-1,0	25,0	14,5	3,0	5,0	-3,0
66	23/07/2014 08.30	25,0	14,4	1,0	-5,0	-2,0	25,0	14,5	2,0	4,0	-2,0
67	06/08/2014 08.30	25,0	14,4	1,0	-8,0	0,0	25,0	14,5	2,0	2,0	-1,0
68	02/09/2014 08.30	18,0	14,4	1,0	-6,0	0,0	18,0	14,5	2,0	3,0	-3,0
69	16/09/2014 08.30	20,0	14,4	0,0	-7,0	-1,0	20,0	14,5	3,0	5,0	-3,0
70	30/09/2014 08.30	18,0	14,4	0,0	-8,0	0,0	18,0	14,5	3,0	6,0	-2,0
71	14/10/2014 08.30	20,0	14,4	0,0	-9,0	0,0	20,0	14,5	3,0	6,0	-3,0
72	28/10/2014 08.30	14,0	14,4	0,0	-9,0	0,0	14,0	14,5	3,0	7,0	-1,0



Ubicazione STAZIONE CHIAIA
Opera \ \ Supplementari \ 54-55
Tipo Strumento Mire Ottiche
Data posa in opera 28/03/2013
Data lettura di zero 28/03/2013

UBICAZIONE

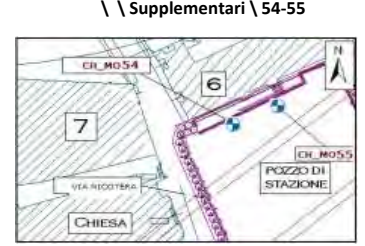


GRAFICO QUOTA

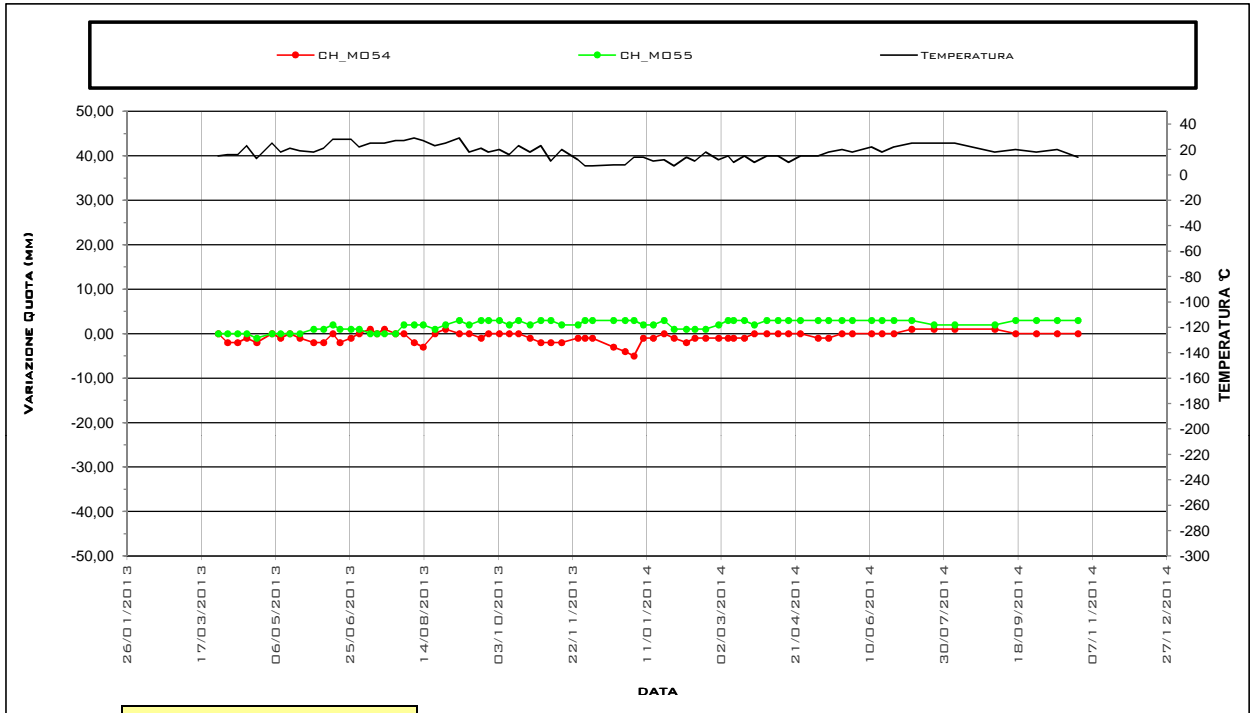
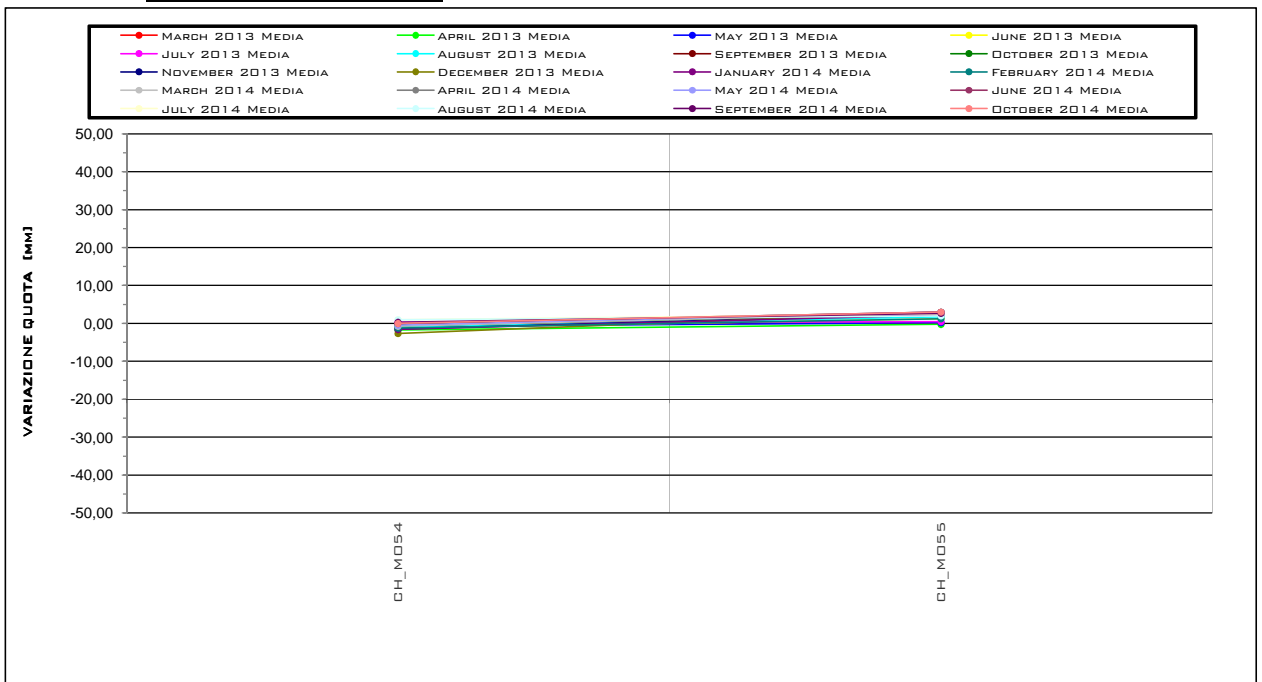


GRAFICO ISOCRONE





Ubicazione STAZIONE CHIAIA
Opera \ \ Supplementari \ 54-55
Tipo Strumento Mire Ottiche
Data posa in opera 28/03/2013
Data lettura di zero 28/03/2013

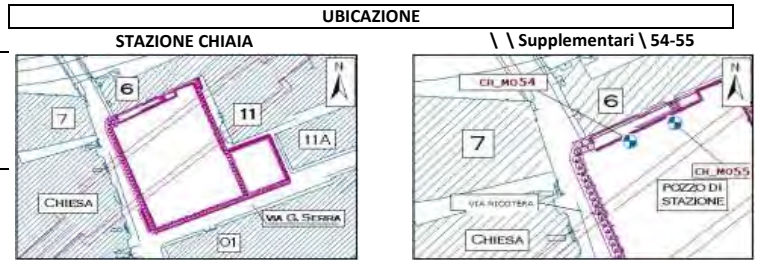


GRAFICO EST

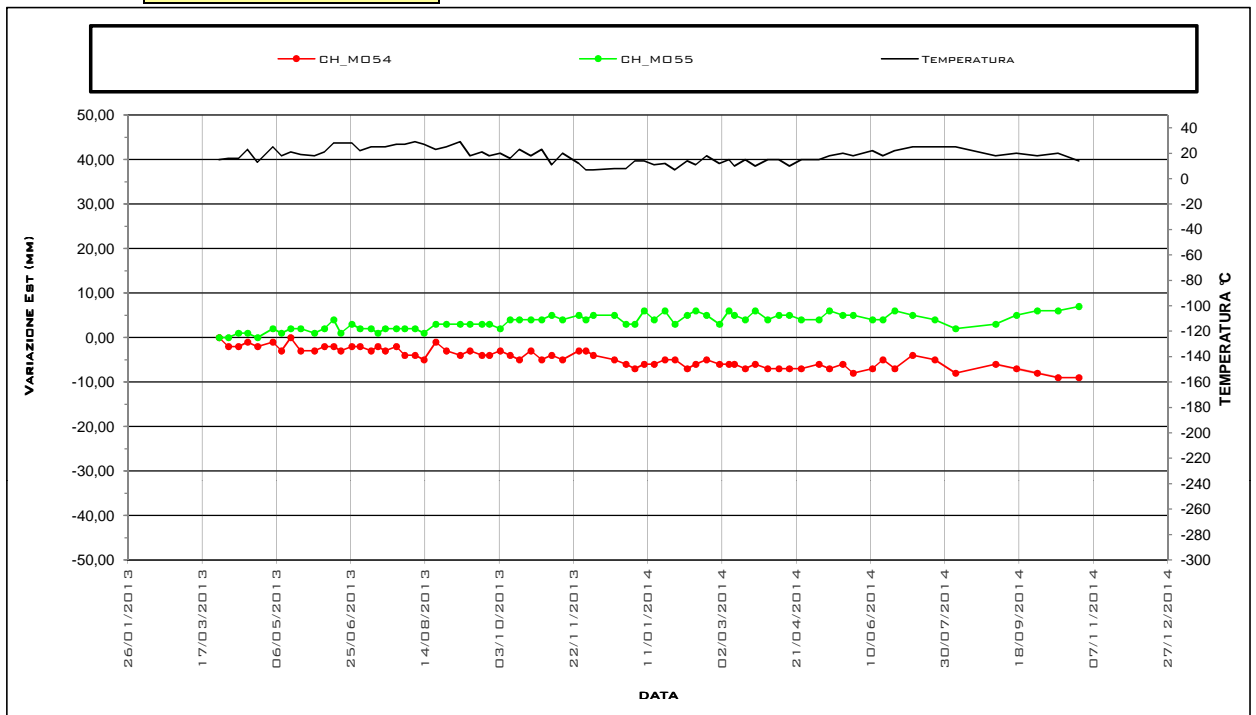
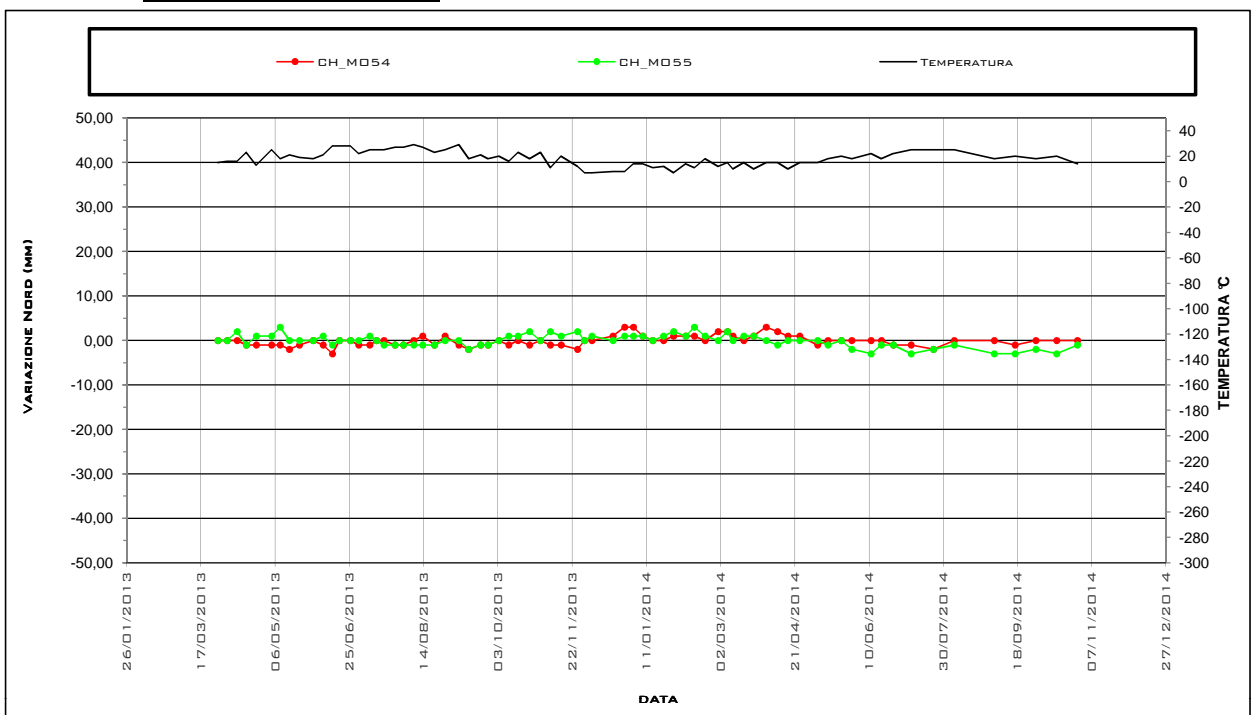


GRAFICO NORD





Ubicazione STAZIONE CHIAIA

Opera \ \ Supplementari \ 56-59

Tipo Strumento Mire Ottiche

Data posa in opera 28/03/2013

Data lettura di zero 28/03/2013

Ultima Misura 72 in data 28/10/2014

Lett. n°	DATA	CH_M056					CH_M057					CH_M058					CH_M059				
		Temp. Media [°C]	Quota [m]	Quota Spost. [mm]	Est. Spost. [mm]	Nord Spost. [mm]	Temp. Media [°C]	Quota [m]	Quota Spost. [mm]	Est. Spost. [mm]	Nord Spost. [mm]	Temp. Media [°C]	Quota [m]	Quota Spost. [mm]	Est. Spost. [mm]	Nord Spost. [mm]	Temp. Media [°C]	Quota [m]	Quota Spost. [mm]	Est. Spost. [mm]	Nord Spost. [mm]
1	28/03/2013 11.00	15.0	9.4	0.0	0.0	0.0	15.0	9.6	0.0	0.0	0.0	15.0	11.3	0.0	0.0	0.0	15.0	11.3	0.0	0.0	0.0
2	03/04/2013 17.30	16.0	9.4	-2.0	0.0	0.0	16.0	9.6	0.0	-2.0	0.0	16.0	11.3	0.0	-3.0	2.0	16.0	11.3	-1.0	1.0	2.0
3	10/04/2013 10.30	16.0	9.4	-2.0	1.0	0.0	16.0	9.6	1.0	-1.0	1.0	16.0	11.3	-1.0	-2.0	1.0	16.0	11.3	-1.0	1.0	3.0
4	16/04/2013 15.00	23.0	9.4	-3.0	2.0	0.0	23.0	9.6	0.0	1.0	0.0	23.0	11.3	-1.0	3.0	0.0	23.0	11.3	0.0	0.0	1.0
5	23/04/2013 08.30	13.0	9.4	-2.0	2.0	1.0	13.0	9.6	0.0	-1.0	1.0	13.0	11.3	0.0	1.0	2.0	13.0	11.3	-2.0	2.0	2.0
6	03/05/2013 14.30	25.0	9.4	-2.0	3.0	0.0	25.0	9.6	0.0	2.0	1.0	25.0	11.3	-1.0	4.0	1.0	25.0	11.3	0.0	2.0	2.0
7	09/05/2013 08.30	18.0	9.4	-1.0	1.0	2.0	18.0	9.6	-1.0	1.0	3.0	18.0	11.3	0.0	2.0	3.0	18.0	11.3	-1.0	2.0	2.0
8	15/05/2013 14.30	21.0	9.4	-2.0	3.0	0.0	21.0	9.6	0.0	2.0	1.0	21.0	11.3	-1.0	3.0	1.0	21.0	11.3	1.0	0.0	0.0
9	22/05/2013 08.30	19.0	9.4	-2.0	1.0	-1.0	19.0	9.6	0.0	0.0	0.0	19.0	11.3	-1.0	3.0	2.0	19.0	11.3	0.0	0.0	1.0
10	31/05/2013 15.30	18.0	9.4	-2.0	2.0	-1.0	18.0	9.6	0.0	0.0	0.0	18.0	11.3	0.0	0.0	0.0	18.0	11.3	-3.0	1.0	3.0
11	07/06/2013 08.30	21.0	9.4	0.0	1.0	-1.0	21.0	9.6	-1.0	1.0	0.0	21.0	11.3	0.0	2.0	1.0	21.0	11.3	-2.0	1.0	2.0
12	13/06/2013 14.30	28.0	9.4	-1.0	3.0	-2.0	28.0	9.6	1.0	3.0	-1.0	28.0	11.3	1.0	3.0	2.0	28.0	11.3	0.0	3.0	2.0
13	18/06/2013 09.00	28.0	9.4	-2.0	1.0	1.0	28.0	9.6	-1.0	1.0	1.0	28.0	11.3	-1.0	2.0	3.0	28.0	11.3	0.0	1.0	2.0
14	25/06/2013 18.00	28.0	9.4	-1.0	2.0	-1.0	28.0	9.6	0.0	2.0	0.0	28.0	11.3	0.0	4.0	2.0	28.0	11.3	0.0	1.0	3.0
15	01/07/2013 07.30	22.0	9.4	-2.0	3.0	-1.0	22.0	9.6	-1.0	1.0	0.0	22.0	11.3	0.0	5.0	2.0	22.0	11.3	0.0	0.0	1.0
16	08/07/2013 17.30	25.0	9.4	-3.0	3.0	1.0	25.0	9.6	-1.0	2.0	1.0	25.0	11.3	0.0	3.0	2.0	25.0	11.3	1.0	-2.0	2.0
17	13/07/2013 07.30	25.0	9.4	-2.0	1.0	0.0	25.0	9.6	-1.0	1.0	2.0	25.0	11.3	-2.0	4.0	3.0	25.0	11.3	0.0	-1.0	2.0
18	18/07/2013 07.30	25.0	9.4	-2.0	1.0	1.0	25.0	9.6	-1.0	1.0	2.0	25.0	11.3	-1.0	4.0	3.0	25.0	11.3	1.0	0.0	3.0
19	25/07/2013 18.00	27.0	9.4	-2.0	2.0	1.0	27.0	9.6	-1.0	1.0	3.0	27.0	11.3	-1.0	6.0	4.0	27.0	11.3	1.0	0.0	1.0
20	31/07/2013 09.00	27.0	9.4	-2.0	0.0	0.0	27.0	9.6	-1.0	1.0	3.0	27.0	11.3	-2.0	5.0	5.0	27.0	11.3	1.0	1.0	3.0
21	07/08/2013 09.00	29.0	9.4	-3.0	2.0	0.0	29.0	9.6	-1.0	2.0	2.0	29.0	11.3	-2.0	5.0	5.0	29.0	11.3	-1.0	1.0	1.0
22	13/08/2013 09.00	27.0	9.4	-4.0	3.0	1.0	27.0	9.6	-2.0	3.0	1.0	27.0	11.3	-1.0	4.0	5.0	27.0	11.3	-2.0	1.0	2.0
23	21/08/2013 07.30	23.0	9.4	-2.0	3.0	1.0	23.0	9.6	-2.0	3.0	2.0	23.0	11.3	-1.0	8.0	4.0	23.0	11.3	1.0	0.0	2.0
24	28/08/2013 10.30	25.0	9.4	-3.0	3.0	1.0	25.0	9.6	-2.0	2.0	3.0	25.0	11.3	0.0	6.0	4.0	25.0	11.3	2.0	-3.0	5.0
25	06/09/2013 17.30	29.0	9.4	-2.0	3.0	1.0	29.0	9.6	-1.0	2.0	2.0	29.0	11.3	1.0	6.0	3.0	29.0	11.3	0.0	-2.0	1.0
26	13/09/2013 07.30	18.0	9.4	-2.0	2.0	1.0	18.0	9.6	-1.0	2.0	1.0	18.0	11.3	1.0	5.0	3.0	18.0	11.3	1.0	0.0	1.0
27	21/09/2013 09.30	21.0	9.4	-3.0	3.0	-1.0	21.0	9.6	-1.0	2.0	1.0	21.0	11.3	1.0	5.0	2.0	21.0	11.3	1.0	0.0	3.0
28	26/09/2013 09.30	18.0	9.4	-3.0	3.0	0.0	18.0	9.6	-1.0	2.0	2.0	18.0	11.3	0.0	7.0	3.0	18.0	11.3	1.0	-1.0	3.0
29	03/10/2013 16.30	20.0	9.4	-3.0	3.0	0.0	20.0	9.6	-1.0	4.0	1.0	20.0	11.3	1.0	6.0	2.0	20.0	11.3	0.0	-1.0	4.0
30	10/10/2013 08.30	16.0	9.4	-3.0	4.0	1.0	16.0	9.6	0.0	3.0	3.0	16.0	11.3	1.0	8.0	3.0	16.0	11.3	0.0	-1.0	2.0
31	16/10/2013 14.30	23.0	9.4	-2.0	3.0	1.0	23.0	9.6	0.0	2.0	2.0	23.0	11.3	0.0	5.0	4.0	23.0	11.3	0.0	-2.0	3.0
32	24/10/2013 08.30	18.0	9.4	-3.0	3.0	1.0	18.0	9.6	-1.0	2.0	3.0	18.0	11.3	1.0	5.0	4.0	18.0	11.3	0.0	0.0	1.0
33	31/10/2013 14.30	23.0	9.4	-3.0	3.0	1.0	23.0	9.6	-1.0	2.0	2.0	23.0	11.3	1.0	7.0	4.0	23.0	11.3	-1.0	-2.0	3.0
34	07/11/2013 08.30	11.0	9.4	-4.0	3.0	1.0	11.0	9.6	-2.0	4.0	2.0	11.0	11.3	1.0	6.0	4.0	11.0	11.3	0.0	-1.0	1.0
35	14/11/2013 14.30	20.0	9.4	-3.0	2.0	1.0	20.0	9.6	-1.0	3.0	3.0	20.0	11.3	1.0	7.0	3.0	20.0	11.3	0.0	-1.0	2.0
36	25/11/2013 15.30	12.0	9.4	-2.0	3.0	1.0	12.0	9.6	0.0	3.0	4.0	12.0	11.3	1.0	8.0	4.0	12.0	11.3	0.0	0.0	1.0
37	30/11/2013 08.30	7.0	9.4	-3.0	3.0	1.0	7.0	9.6	-1.0	4.0	4.0	7.0	11.3	2.0	8.0	4.0	7.0	11.3	0.0	1.0	2.0
38	05/12/2013 08.30	7.0	9.4	-3.0	3.0	1.0	7.0	9.6	0.0	3.0	2.0	7.0	11.3	2.0	6.0	3.0	7.0	11.3	0.0	-1.0	2.0
39	19/12/2013 13.00	8.0	9.4	-4.0	3.0	0.0	8.0	9.6	-2.0	3.0	1.0	8.0	11.3	0.0	5.0	1.0	8.0	11.3	-2.0	-2.0	0.0
40	27/12/2013 09.00	8.0	9.4	-4.0	1.0	1.0	8.0	9.6	-1.0	2.0	2.0	8.0	11.3	-1.0	6.0	1.0	8.0	11.3	-2.0	-1.0	0.0
41	02/01/2014 07.30	14.0	9.4	-5.0	1.0	3.0	14.0	9.6	-1.0	2.0	3.0	14.0	11.3	0.0	5.0	1.0	14.0	11.3	-2.0	-1.0	0.0
42	08/01/2014 14.30	14.0	9.4	-2.0	5.0	2.0	14.0	9.6	0.0	5.0	2.0	14.0	11.3	2.0	8.0	3.0	14.0	11.3	0.0	-2.0	3.0
43	15/01/2014 08.30	11.0	9.4	-2.0	5.0	2.0	11.0	9.6	0.0	6.0	3.0	11.0	11.3	2.0	9.0	2.0	11.0	11.3	0.0	-2.0	1.0
44	22/01/2014 14.30	12.0	9.4	-2.0	5.0	2.0	12.0	9.6	0.0	5.0	2.0	12.0	11.3	3.0	7.0	2.0	12.0	11.3	1.0	-2.0	2.0
45	29/01/2014 08.30	7.0	9.4	-2.0	2.0	1.0	7.0	9.6	0.0	2.0	3.0	7.0	11.3	1.0	7.0	3.0	7.0	11.3	0.0	-1.0	0.0
46	06/02/2014 14.30	14.0	9.4	-1.0	4.0	0.0	14.0	9.6	0.0	3.0	2.0	14.0	11.3	1.0	8.0	1.0	14.0	11.3	0.0	-3.0	3.0
47	12/02/2014 08.30	11.0	9.4	-1.0	3.0	0.0	11.0	9.6	0.0	4.0	2.0	11.0	11.3	3.0	6.0	3.0	11.0	11.3	0.0	0.0	5.0
48	19/02/2014 14.30	18.0	9.4	-2.0	3.0	0.0	18.0	9.6	-1.0	5.0	1.0	18.0	11.3	1.0	8.0	3.0	18.0	11.3	0.0	-2.0	2.0
49	28/02/2014 08.30	12.0	9.4	-2.0	3.0	-2.0	12.0	9.6	0.0	1.0	0.0	12.0	11.3	1.0	1.0	3.0	12.0	11.3	0.0	-2.0	4.0
50	06/03/2014 16.30	15.0	9.4	-2.0	4.0	0.0	15.0	9.6	0.0	4.0	1.0	15.0	11.3	2.0	6.0	3.0	15.0	11.3	0.0	-1.0	5.0
51	10/03/2014 08.30	10.0	9.4	-2.0	5.0	0.0	10.0	9.6	0.0	4.0	1.0	10.0	11.3	2.0	8.0	2.0	10.0	11.3	0.0	-2.0	4.0
52	17/03/2014 15.30	15.0	9.4	-2.0	4.0	-2.0	15.0	9.6	0.0	3.0	0.0	15.0	11.3	2.0	4.0	2.0	15.0	11.3	-1.0	-1.0	4.0
53	24/03/2014 08.30	10.0	9.4	-2.0	4.0	0.0	10.0	9.6	0.0	3.0	1.0	10.0	11.3	2.0	7.0	3.0	10.0	11.3	-1.0	-3.0	4.0
54	01/04/2014 18.30	15.0	9.4	-2.0	3.0	-2.0	15.0	9.6	0.0	3.0	1.0	15.0	11.3	2.0	6.0	3.0	15.0	11.3	0.0	-3.0	8.0
55	09/04/2014 08.30	15.0	9.4	-3.0	4.0	-1.0	15.0	9.6	-1.0	3.0	1.0	15.0	11.3	1.0	5.0	3.0	15.0	11.3	0.0	-3.0	5.0
56	16/04/2014 08.30	10.0	9.4	-3.0	3.0	1.0	10.0	9.6	-1.0	5.0	4.0	10.0	11.3	1.0	9.0	5.0	10.0	11.3	0.0	-5.0	6.0
57	24/04/2014 08.30	15.0	9.4	-3.0	3.0	0.0	15.0	9.6	-1.0	3.0	1.0	15.0	11.3	0.0	5.0	4.0	15.0	11.3	0.0	-4.0	6.0
58	06/05/2014 08.30	15.0	9.4	-3.0	2.0	1.0	15.0	9.6													



Ubicazione STAZIONE CHIAIA
Opera \ \ Supplementari \ 56-59
Tipo Strumento Mire Ottiche
Data posa in opera 28/03/2013
Data lettura di zero 28/03/2013

UBICAZIONE

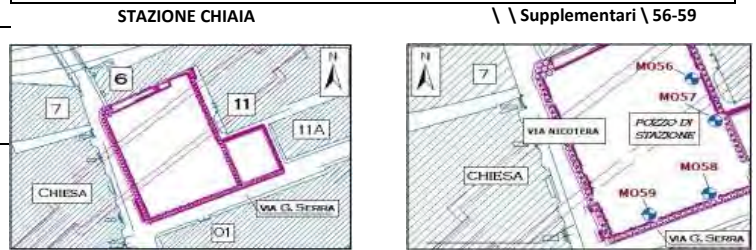


GRAFICO QUOTA

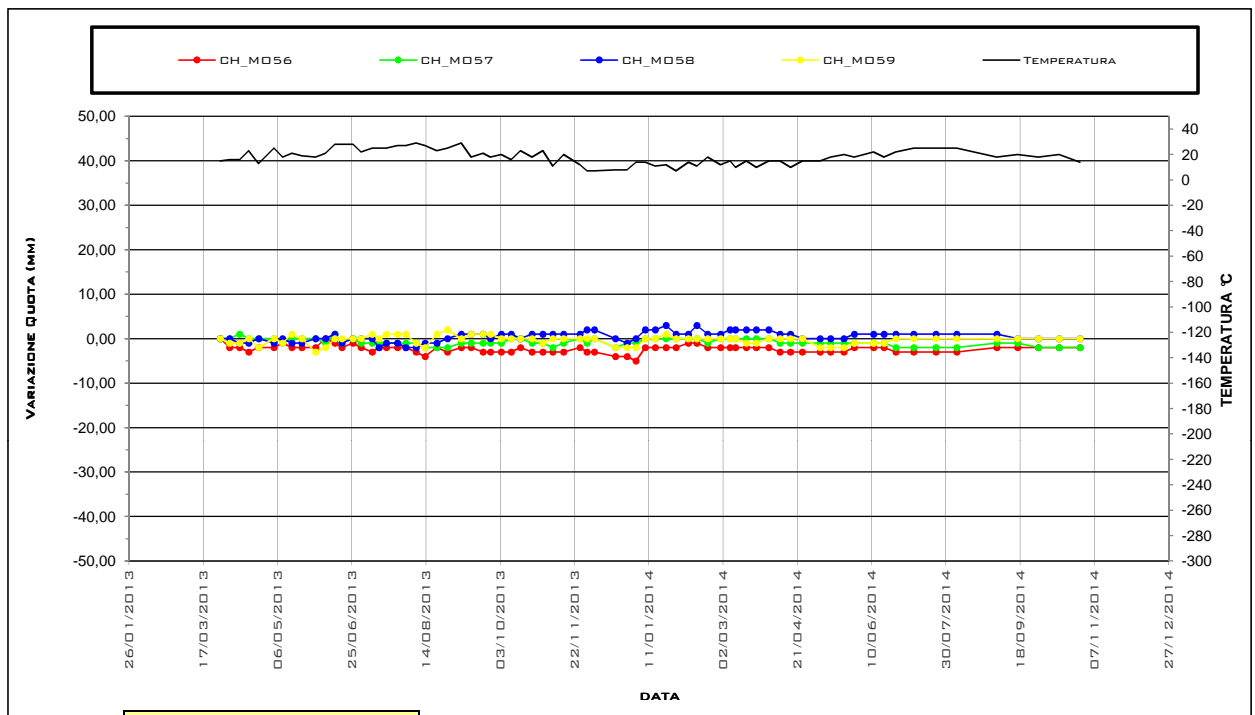
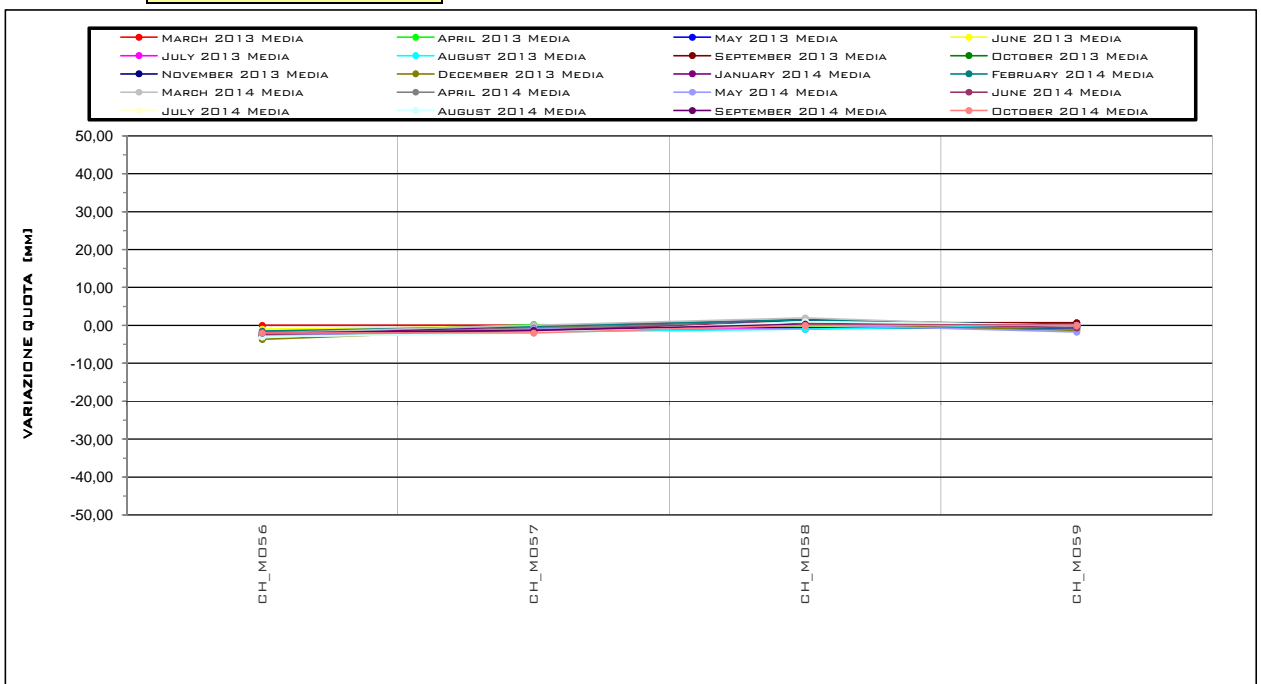


GRAFICO ISOCRONE





Ubicazione STAZIONE CHIAIA
Opera \ \ Supplementari \ 56-59
Tipo Strumento Mire Ottiche
Data posa in opera 28/03/2013
Data lettura di zero 28/03/2013

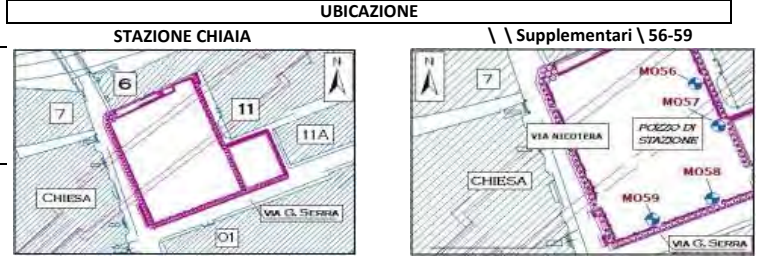


GRAFICO EST

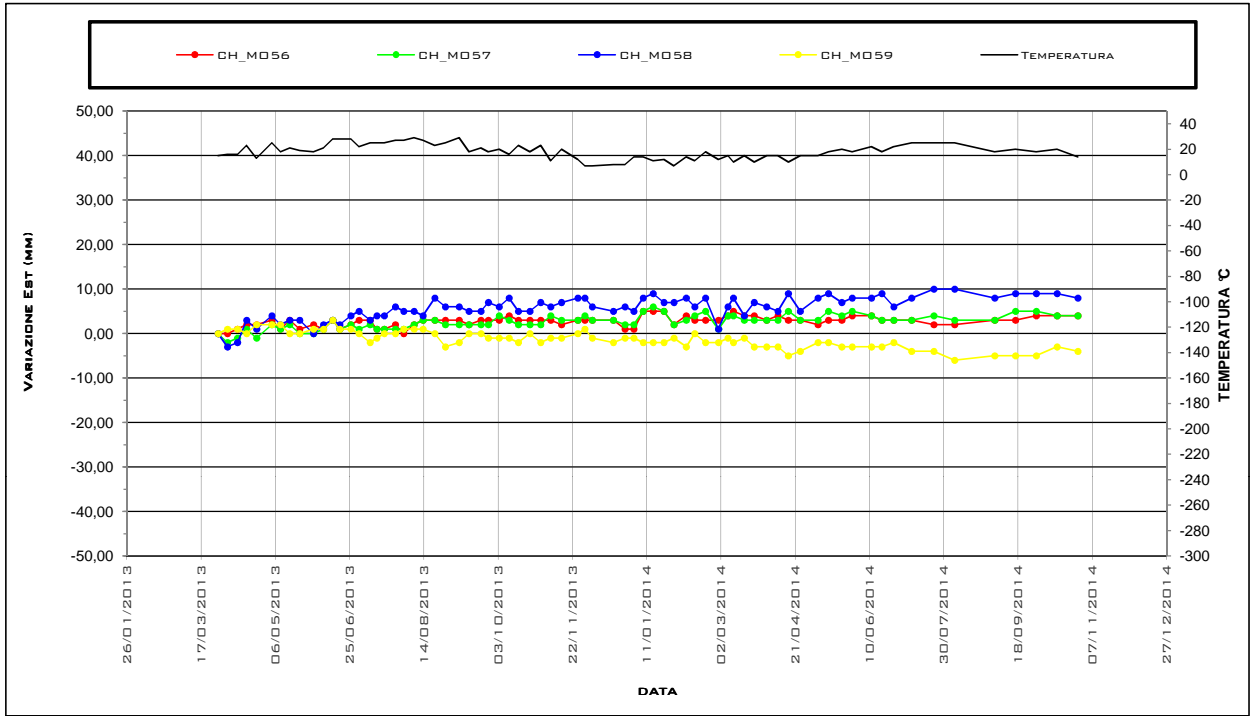
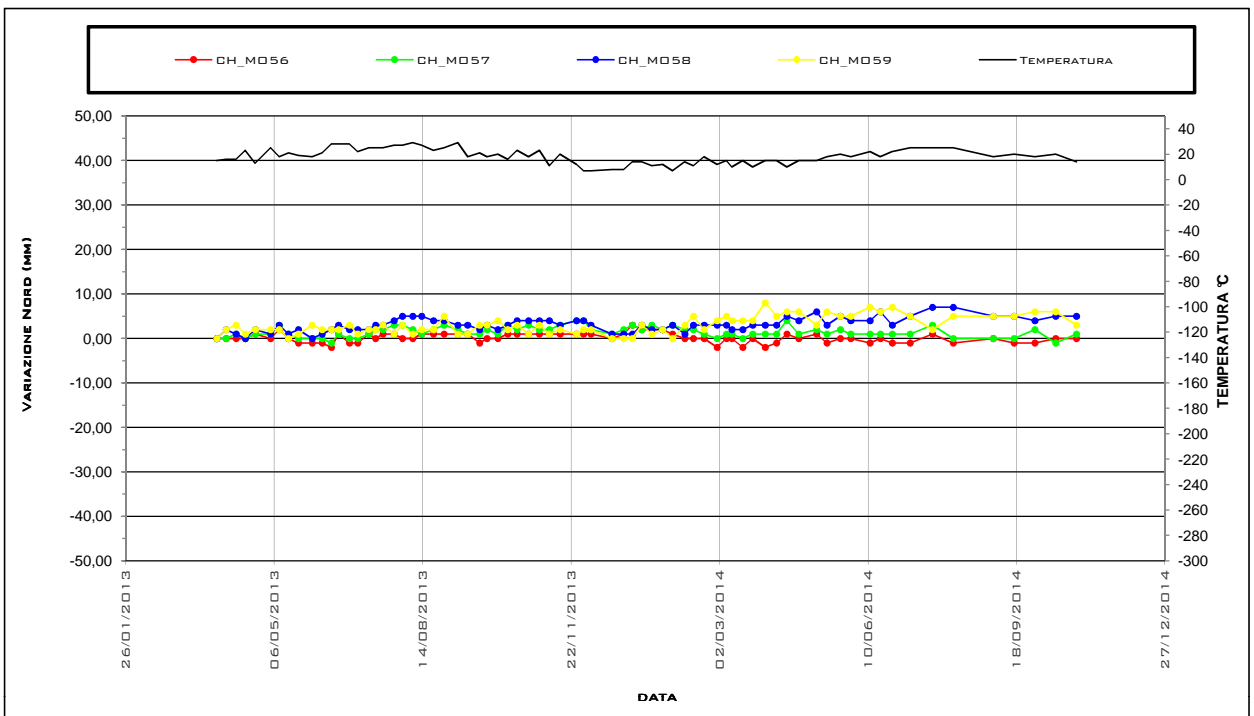


GRAFICO NORD




Ubicazione STAZIONE CHIAIA
Opera \ \ Supplementari \ 60-61
Tipo Strumento Mire Ottiche
Data posa in opera 28/03/2013
Data lettura di zero 28/03/2013
Ultima Misura 72 **in data** 28/10/2014

Let. n°	DATA	CH_M060					CH_M061				
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1	28/03/2013 11.00	15,0	14,3	0,0	0,0	0,0	15,0	14,5	0,0	0,0	0,0
2	03/04/2013 17.30	16,0	14,3	-1,0	0,0	0,0	16,0	14,5	0,0	0,0	0,0
3	10/04/2013 10.30	16,0	14,3	0,0	1,0	1,0	16,0	14,5	0,0	-1,0	1,0
4	16/04/2013 15.00	23,0	14,3	-1,0	-1,0	0,0	23,0	14,5	1,0	-1,0	0,0
5	23/04/2013 08.30	13,0	14,3	-2,0	1,0	1,0	13,0	14,5	-1,0	0,0	0,0
6	03/05/2013 14.30	25,0	14,3	-1,0	2,0	-1,0	25,0	14,5	1,0	0,0	0,0
7	09/05/2013 08.30	18,0	14,3	-2,0	1,0	1,0	18,0	14,5	-1,0	-1,0	-1,0
8	15/05/2013 14.30	21,0	14,3	0,0	0,0	0,0	21,0	14,5	0,0	0,0	0,0
9	22/05/2013 08.30	19,0	14,3	-2,0	0,0	0,0	19,0	14,5	0,0	-1,0	1,0
10	31/05/2013 15.30	18,0	14,3	-2,0	1,0	1,0	18,0	14,5	0,0	-1,0	1,0
11	07/06/2013 08.30	21,0	14,3	-2,0	1,0	1,0	21,0	14,5	-1,0	1,0	2,0
12	13/06/2013 14.30	28,0	14,3	-1,0	4,0	-1,0	28,0	14,5	0,0	2,0	-1,0
13	18/06/2013 09.00	28,0	14,3	-2,0	2,0	2,0	28,0	14,5	-1,0	0,0	2,0
14	25/06/2013 18.00	28,0	14,3	-3,0	1,0	1,0	28,0	14,5	-2,0	0,0	1,0
15	01/07/2013 07.30	22,0	14,3	-4,0	0,0	1,0	22,0	14,5	-1,0	0,0	1,0
16	08/07/2013 17.30	25,0	14,3	-2,0	-2,0	0,0	25,0	14,5	-1,0	-1,0	1,0
17	13/07/2013 07.30	25,0	14,3	-3,0	0,0	2,0	25,0	14,5	-2,0	0,0	2,0
18	18/07/2013 07.30	25,0	14,3	-3,0	1,0	1,0	25,0	14,5	-1,0	-1,0	1,0
19	25/07/2013 18.00	27,0	14,3	-3,0	0,0	2,0	27,0	14,5	-2,0	0,0	1,0
20	31/07/2013 09.00	27,0	14,3	-2,0	1,0	1,0	27,0	14,5	0,0	0,0	2,0
21	07/08/2013 09.00	29,0	14,3	-4,0	0,0	1,0	29,0	14,5	-2,0	-2,0	2,0
22	13/08/2013 09.00	27,0	14,3	-5,0	-1,0	1,0	27,0	14,5	-3,0	-3,0	2,0
23	21/08/2013 07.30	23,0	14,3	-3,0	0,0	2,0	23,0	14,5	-2,0	0,0	2,0
24	28/08/2013 10.30	25,0	14,3	-2,0	-1,0	5,0	25,0	14,5	1,0	-2,0	4,0
25	06/09/2013 17.30	29,0	14,3	-2,0	0,0	2,0	29,0	14,5	0,0	-1,0	2,0
26	13/09/2013 07.30	18,0	14,3	-3,0	0,0	0,0	18,0	14,5	-1,0	0,0	0,0
27	21/09/2013 09.30	21,0	14,3	-4,0	-1,0	3,0	21,0	14,5	-1,0	-1,0	2,0
28	26/09/2013 09.30	18,0	14,3	-2,0	-1,0	1,0	18,0	14,5	-1,0	-2,0	1,0
29	03/10/2013 16.30	20,0	14,3	-3,0	0,0	2,0	20,0	14,5	-1,0	-2,0	2,0
30	10/10/2013 08.30	16,0	14,3	-3,0	-1,0	1,0	16,0	14,5	-1,0	-1,0	1,0
31	16/10/2013 14.30	23,0	14,3	-4,0	-1,0	2,0	23,0	14,5	-2,0	-2,0	2,0
32	24/10/2013 08.30	18,0	14,3	-4,0	1,0	1,0	18,0	14,5	-2,0	-1,0	0,0
33	31/10/2013 14.30	23,0	14,3	-5,0	-1,0	2,0	23,0	14,5	-3,0	-2,0	2,0
34	07/11/2013 08.30	11,0	14,3	-5,0	-1,0	0,0	11,0	14,5	-2,0	-1,0	0,0
35	14/11/2013 14.30	20,0	14,3	-3,0	-1,0	2,0	20,0	14,5	-1,0	-1,0	1,0
36	25/11/2013 15.30	12,0	14,3	-3,0	1,0	1,0	12,0	14,5	-1,0	-1,0	0,0
37	30/11/2013 08.30	7,0	14,3	-3,0	1,0	2,0	7,0	14,5	-1,0	1,0	1,0
38	05/12/2013 08.30	7,0	14,3	-3,0	-1,0	1,0	7,0	14,5	-1,0	-2,0	1,0
39	19/12/2013 13.00	8,0	14,3	-5,0	-2,0	2,0	8,0	14,5	-3,0	-3,0	2,0
40	27/12/2013 09.00	8,0	14,3	-6,0	-3,0	3,0	8,0	14,5	-4,0	-4,0	4,0
41	02/01/2014 07.30	14,0	14,3	-7,0	-2,0	2,0	14,0	14,5	-5,0	-4,0	3,0
42	08/01/2014 14.30	14,0	14,3	-5,0	-2,0	2,0	14,0	14,5	-3,0	-3,0	2,0
43	15/01/2014 08.30	11,0	14,3	-4,0	-2,0	1,0	11,0	14,5	-3,0	-3,0	1,0
44	22/01/2014 14.30	12,0	14,3	-3,0	-2,0	1,0	12,0	14,5	-2,0	-3,0	2,0
45	29/01/2014 08.30	7,0	14,3	-3,0	-1,0	2,0	7,0	14,5	-1,0	-2,0	2,0
46	06/02/2014 14.30	14,0	14,3	-3,0	-2,0	3,0	14,0	14,5	-2,0	-3,0	3,0
47	12/02/2014 08.30	11,0	14,3	-4,0	0,0	4,0	11,0	14,5	-2,0	-1,0	4,0
48	19/02/2014 14.30	18,0	14,3	-4,0	-2,0	2,0	18,0	14,5	-2,0	-3,0	3,0
49	28/02/2014 08.30	12,0	14,3	-4,0	-2,0	4,0					
50	06/03/2014 16.30	15,0	14,3	-4,0	-2,0	4,0					
51	10/03/2014 08.30	10,0	14,3	-4,0	-1,0	3,0					
52	17/03/2014 15.30	15,0	14,3	-5,0	-1,0	3,0					
53	24/03/2014 08.30	10,0	14,3	-4,0	-2,0	3,0					
54	01/04/2014 18.30	15,0	14,3	-4,0	-4,0	4,0					
55	09/04/2014 08.30	15,0	14,3	-4,0	-2,0	3,0					
56	16/04/2014 08.30	10,0	14,3	-4,0	-4,0	5,0					
57	24/04/2014 08.30	15,0	14,3	-4,0	-3,0	4,0					
58	06/05/2014 08.30	15,0	14,3	-6,0	-2,0	1,0					
59	13/05/2014 08.30	18,0	14,3	-6,0	-1,0	3,0					
60	22/05/2014 08.30	20,0	14,3	-6,0	-4,0	3,0					
61	29/05/2014 08.30	18,0	14,3	-5,0	-2,0	3,0					
62	11/06/2014 08.30	22,0	14,3	-5,0	-3,0	4,0					
63	18/06/2014 08.30	18,0	14,3	-5,0	-3,0	3,0					
64	26/06/2014 08.30	22,0	14,3	-5,0	-1,0	2,0					
65	08/07/2014 08.30	25,0	14,3	-5,0	-2,0	3,0					
66	23/07/2014 08.30	25,0	14,3	-5,0	-3,0	2,0					
67	06/08/2014 08.30	25,0	14,3	-5,0	-5,0	1,0	25,0	14,5	-1,0	-3,0	3,0
68	02/09/2014 08.30	18,0	14,3	-5,0	-4,0	3,0	18,0	14,5	-1,0	-3,0	5,0
69	16/09/2014 08.30	20,0	14,3	-5,0	-5,0	1,0	20,0	14,5	-1,0	-4,0	4,0
70	30/09/2014 08.30	18,0	14,3	-5,0	-5,0	3,0	18,0	14,5	-1,0	-4,0	5,0
71	14/10/2014 08.30	20,0	14,3	-5,0	-3,0	4,0	20,0	14,5	-1,0	-4,0	4,0
72	28/10/2014 08.30	14,0	14,3	-5,0	-5,0	1,0	14,0	14,5	-1,0	-5,0	3,0



Ubicazione STAZIONE CHIAIA
Opera \ \ Supplementari \ 60-61
Tipo Strumento Mire Ottiche
Data posa in opera 28/03/2013
Data lettura di zero 28/03/2013

UBICAZIONE

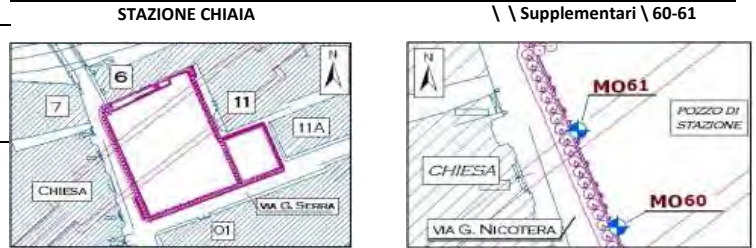


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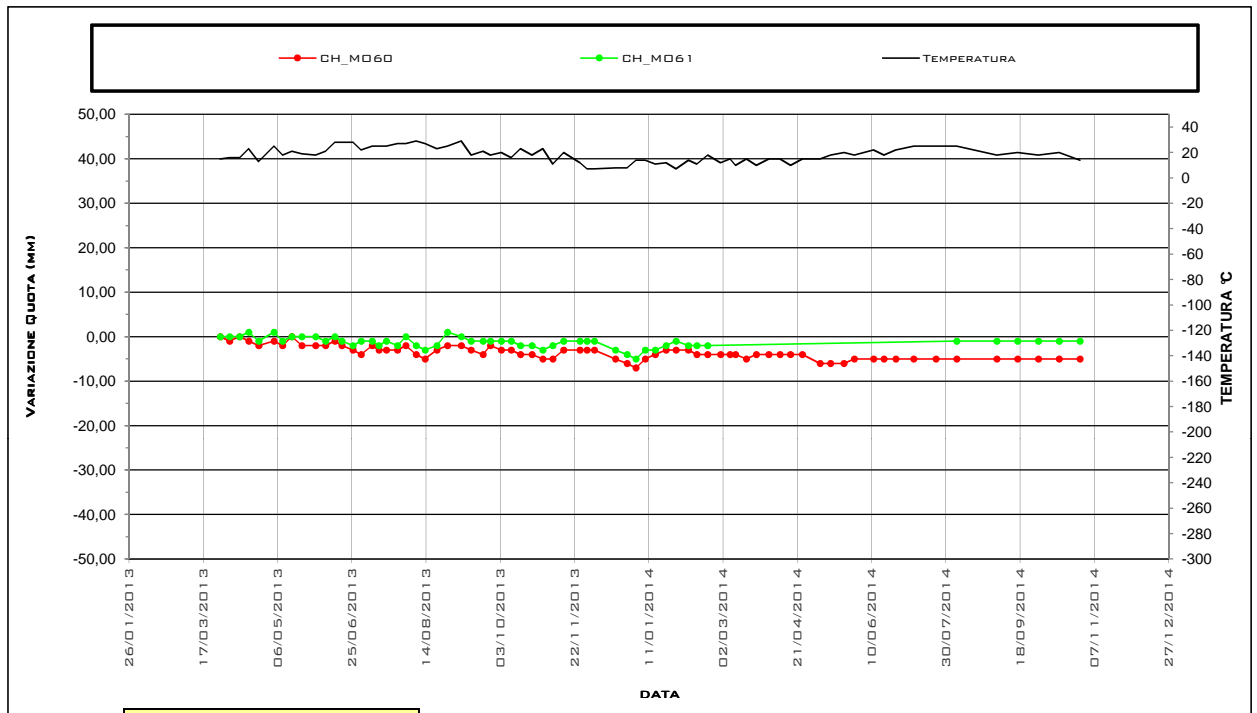
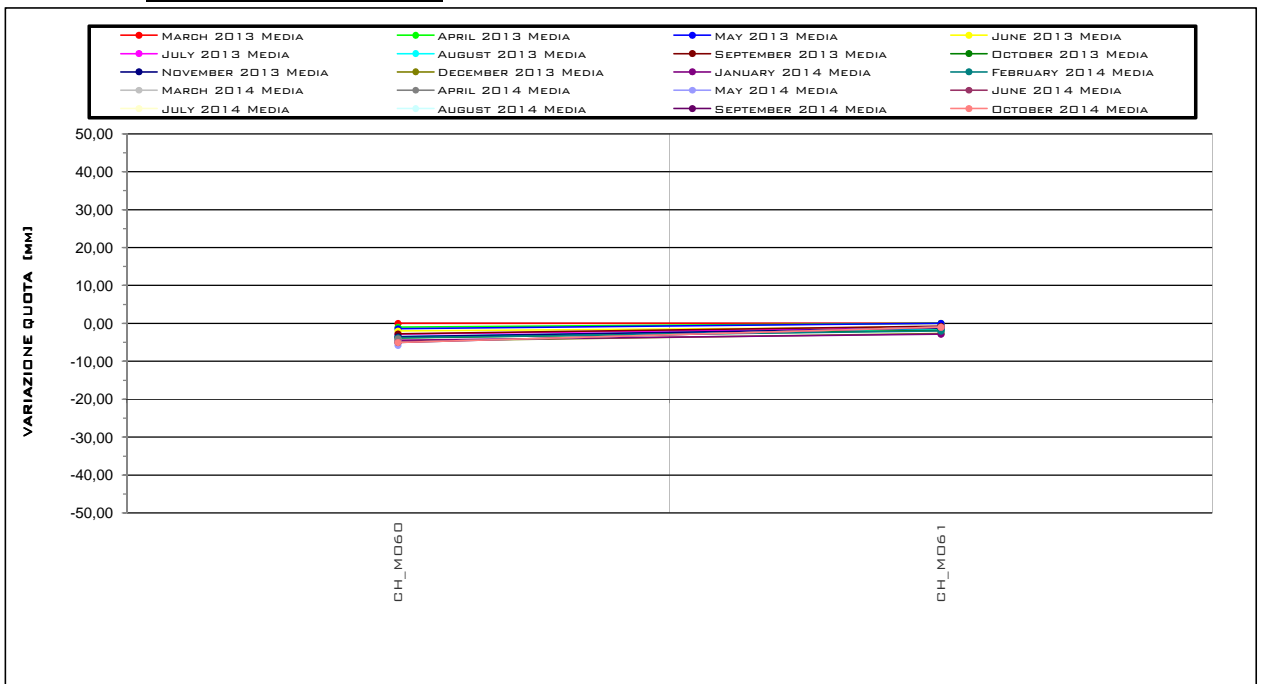


GRAFICO ISOCRONE





Ubicazione STAZIONE CHIAIA
Opera \ \ Supplementari \ 60-61
Tipo Strumento Mire Ottiche
Data posa in opera 28/03/2013
Data lettura di zero 28/03/2013

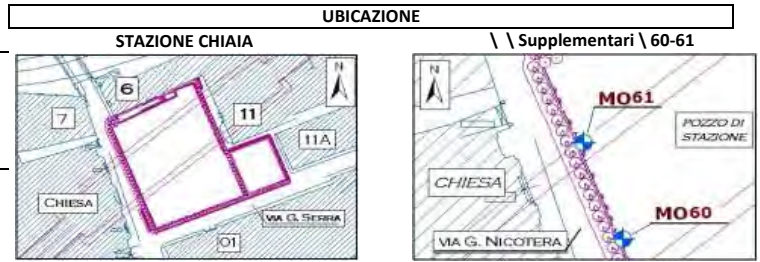


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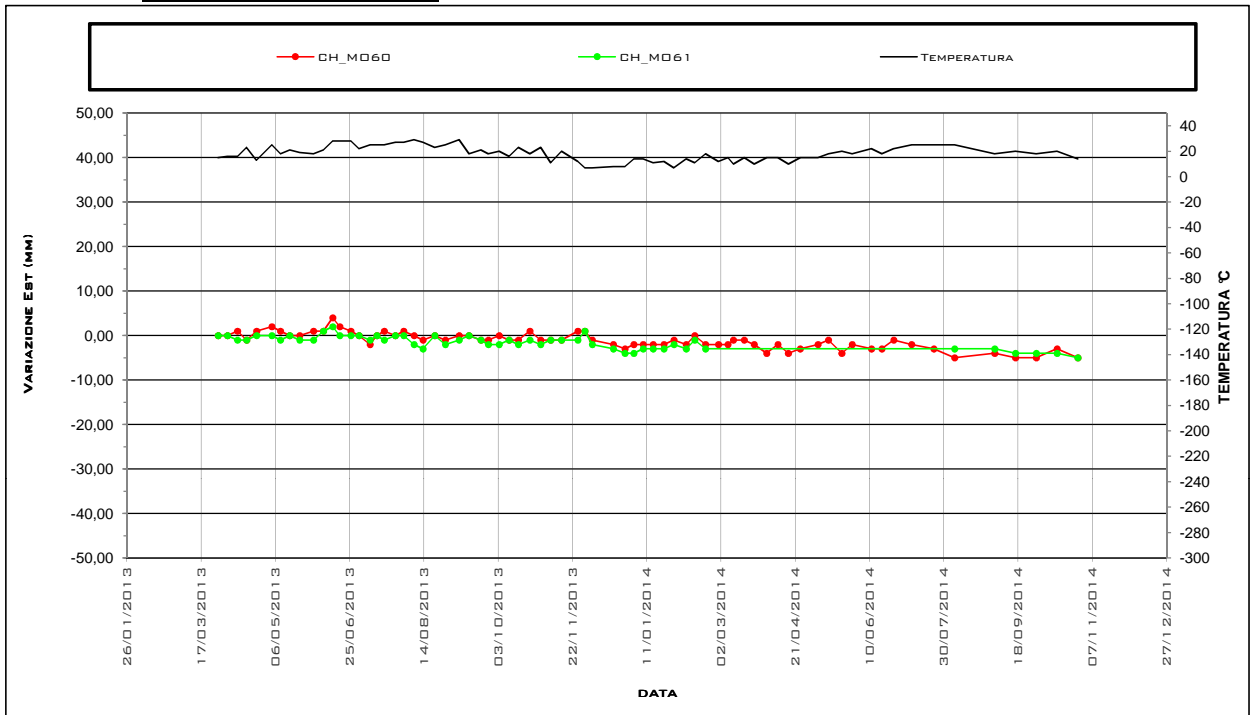
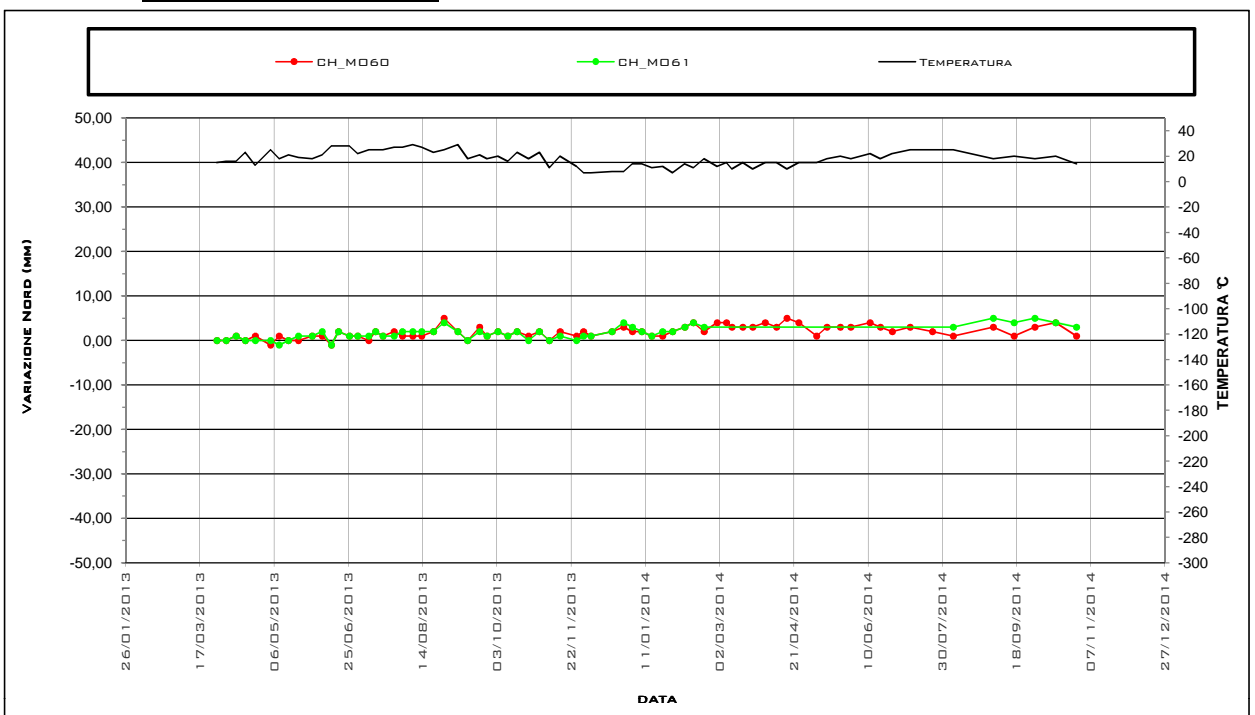


GRAFICO NORD





Ubicazione STAZIONE CHIAIA

Opera \ \ Supplementari \ 62-64

Tipo Strumento Mire Ottiche

Data posa in opera 28/03/2013

Data lettura di zero 28/03/2013

Ultima Misura 72 in data 28/10/2014

Lett. n°	DATA	CH_M062					CH_M063					CH_M064				
		Temp. Media[°C]	Quota [m]	Quota Spost. [mm]	Est Spost. [mm]	Nord Spost. [mm]	Temp. Media[°C]	Quota [m]	Quota Spost. [mm]	Est Spost. [mm]	Nord Spost. [mm]	Temp. Media[°C]	Quota [m]	Quota Spost. [mm]	Est Spost. [mm]	Nord Spost. [mm]
1	28/03/2013 11.00	15,0	9,4	0,0	0,0	0,0	15,0	9,4	0,0	0,0	0,0	15,0	9,0	0,0	0,0	0,0
2	03/04/2013 17.30	16,0	9,4	-3,0	-2,0	0,0	16,0	9,4	2,0	-1,0	-1,0	16,0	9,0	0,0	-1,0	1,0
3	10/04/2013 10.30	16,0	9,4	-3,0	-2,0	0,0	16,0	9,4	2,0	0,0	1,0	16,0	9,0	-1,0	-1,0	2,0
4	16/04/2013 15.00	23,0	9,4	-3,0	0,0	-1,0	23,0	9,4	3,0	0,0	-3,0	23,0	9,0	0,0	-1,0	1,0
5	23/04/2013 08.30	13,0	9,4	-3,0	-2,0	0,0	13,0	9,4	1,0	0,0	-1,0	13,0	9,0	-2,0	1,0	1,0
6	03/05/2013 14.30	25,0	9,4	-3,0	-1,0	-2,0	25,0	9,4	1,0	1,0	-2,0	25,0	9,0	0,0	0,0	0,0
7	09/05/2013 08.30	18,0	9,4	-2,0	-2,0	-1,0	18,0	9,4	1,0	0,0	0,0	18,0	9,0	-1,0	0,0	2,0
8	15/05/2013 14.30	21,0	9,4	-1,0	0,0	-1,0	21,0	9,4	1,0	1,0	-2,0	21,0	9,0	-1,0	0,0	0,0
9	22/05/2013 08.30	19,0	9,4	-2,0	-3,0	0,0	19,0	9,4	1,0	0,0	-2,0	19,0	9,0	-1,0	-1,0	1,0
10	31/05/2013 15.30	18,0	9,4	-4,0	-3,0	0,0	18,0	9,4	2,0	1,0	-1,0	18,0	9,0	-2,0	-1,0	2,0
11	07/06/2013 08.30	21,0	9,4	-3,0	-2,0	0,0	21,0	9,4	3,0	0,0	-2,0	21,0	9,0	-2,0	0,0	2,0
12	13/06/2013 14.30	28,0	9,4	-2,0	-2,0	-1,0	28,0	9,4	4,0	3,0	-2,0	28,0	9,0	-2,0	3,0	0,0
13	18/06/2013 09.00	28,0	9,4	-4,0	-3,0	0,0	28,0	9,4	2,0	1,0	0,0	28,0	9,0	-3,0	0,0	2,0
14	25/06/2013 18.00	28,0	9,4	-2,0	-3,0	0,0	28,0	9,4	3,0	2,0	-3,0	28,0	9,0	-3,0	0,0	2,0
15	01/07/2013 07.30	22,0	9,4	-1,0	-2,0	-1,0	22,0	9,4	3,0	1,0	-2,0	22,0	9,0	-3,0	1,0	0,0
16	08/07/2013 17.30	25,0	9,4	-1,0	-3,0	-1,0	25,0	9,4	4,0	1,0	-2,0	25,0	9,0	-2,0	-3,0	2,0
17	13/07/2013 07.30	25,0	9,4	-3,0	-2,0	0,0	25,0	9,4	4,0	-1,0	-2,0	25,0	9,0	-3,0	-1,0	3,0
18	18/07/2013 07.30	25,0	9,4	-1,0	-3,0	-1,0	25,0	9,4	4,0	-1,0	-2,0	25,0	9,0	-1,0	-1,0	3,0
19	25/07/2013 18.00	27,0	9,4	-1,0	-1,0	-1,0	27,0	9,4	4,0	0,0	-3,0	27,0	9,0	-3,0	0,0	2,0
20	31/07/2013 09.00	27,0	9,4	0,0	-3,0	-2,0	27,0	9,4	5,0	0,0	-3,0	27,0	9,0	-3,0	0,0	3,0
21	07/08/2013 09.00	29,0	9,4	0,0	-3,0	-2,0	29,0	9,4	5,0	0,0	-3,0	29,0	9,0	-4,0	-1,0	3,0
22	13/08/2013 09.00	27,0	9,4	-1,0	-3,0	-3,0	27,0	9,4	5,0	-1,0	-3,0	27,0	9,0	-5,0	-2,0	3,0
23	21/08/2013 07.30	23,0	9,4	-1,0	-2,0	0,0	23,0	9,4	4,0	2,0	-5,0	23,0	9,0	-2,0	1,0	3,0
24	28/08/2013 10.30	25,0	9,4	0,0	-3,0	0,0	25,0	9,4	5,0	1,0	-5,0	25,0	9,0	-2,0	-2,0	4,0
25	06/09/2013 17.30	29,0	9,4	-1,0	-4,0	-1,0	29,0	9,4	8,0	0,0	-5,0	29,0	9,0	-2,0	-2,0	3,0
26	13/09/2013 07.30	18,0	9,4	-1,0	-3,0	-2,0	18,0	9,4	5,0	3,0	-2,0	18,0	9,0	-3,0	-1,0	2,0
27	21/09/2013 09.30	21,0	9,4	-1,0	-2,0	0,0	21,0	9,4	5,0	1,0	-4,0	21,0	9,0	-3,0	0,0	4,0
28	26/09/2013 09.30	18,0	9,4	-1,0	-4,0	0,0	18,0	9,4	5,0	0,0	-5,0	18,0	9,0	-3,0	-2,0	3,0
29	03/10/2013 16.30	20,0	9,4	0,0	-3,0	0,0	20,0	9,4	5,0	1,0	-4,0	20,0	9,0	-4,0	-2,0	3,0
30	10/10/2013 08.30	16,0	9,4	0,0	-3,0	-1,0	16,0	9,4	5,0	2,0	-2,0	16,0	9,0	-4,0	-2,0	3,0
31	16/10/2013 14.30	23,0	9,4	-2,0	-4,0	0,0	23,0	9,4	5,0	1,0	-3,0	23,0	9,0	-5,0	-2,0	3,0
32	24/10/2013 08.30	18,0	9,4	-3,0	-3,0	-1,0	18,0	9,4	6,0	2,0	-2,0	18,0	9,0	-5,0	-1,0	2,0
33	31/10/2013 14.30	23,0	9,4	-2,0	-3,0	0,0	23,0	9,4	5,0	3,0	-3,0	23,0	9,0	-5,0	-2,0	3,0
34	07/11/2013 08.30	11,0	9,4	-2,0	-3,0	-2,0	11,0	9,4	5,0	3,0	-2,0	11,0	9,0	-5,0	-3,0	1,0
35	14/11/2013 14.30	20,0	9,4	-1,0	-4,0	0,0	20,0	9,4	5,0	2,0	-4,0	20,0	9,0	-5,0	-5,0	2,0
36	25/11/2013 15.30	12,0	9,4	-1,0	-3,0	0,0	12,0	9,4	6,0	3,0	-2,0	12,0	9,0	-5,0	-2,0	2,0
37	30/11/2013 08.30	7,0	9,4	-1,0	-3,0	0,0	7,0	9,4	6,0	2,0	-2,0	7,0	9,0	-5,0	-2,0	3,0
38	05/12/2013 08.30	7,0	9,4	-1,0	-3,0	0,0	7,0	9,4	5,0	3,0	-3,0	7,0	9,0	-5,0	-4,0	2,0
39	19/12/2013 13.00	8,0	9,4	-3,0	-3,0	0,0	8,0	9,4	4,0	3,0	-4,0	8,0	9,0	-7,0	-6,0	3,0
40	27/12/2013 09.00	8,0	9,4	-4,0	-2,0	1,0	8,0	9,4	3,0	2,0	-3,0	8,0	9,0	-6,0	-7,0	5,0
41	02/01/2014 07.30	14,0	9,4	-4,0	-1,0	1,0	14,0	9,4	2,0	2,0	-3,0	14,0	9,0	-8,0	-6,0	4,0
42	08/01/2014 14.30	14,0	9,4	-1,0	-6,0	1,0	14,0	9,4	6,0	2,0	-3,0	14,0	9,0	-6,0	-6,0	4,0
43	15/01/2014 08.30	11,0	9,4	-1,0	-4,0	0,0	11,0	9,4	6,0	1,0	-3,0	11,0	9,0	-5,0	-5,0	2,0
44	22/01/2014 14.30	12,0	9,4	-1,0	-5,0	1,0	12,0	9,4	7,0	3,0	-4,0	12,0	9,0	-4,0	-6,0	3,0
45	29/01/2014 08.30	7,0	9,4	-1,0	-4,0	0,0	7,0	9,4	7,0	1,0	-4,0	7,0	9,0	-5,0	-5,0	2,0
46	06/02/2014 14.30	14,0	9,4	-1,0	-4,0	1,0	14,0	9,4	7,0	0,0	-5,0	14,0	9,0	-5,0	-6,0	4,0
47	12/02/2014 08.30	11,0	9,4	-1,0	-4,0	2,0	11,0	9,4	8,0	0,0	-6,0	11,0	9,0	-5,0	-4,0	5,0
48	19/02/2014 14.30	18,0	9,4	-1,0	-5,0	0,0	18,0	9,4	8,0	-1,0	-7,0	18,0	9,0	-5,0	-5,0	4,0
49	28/02/2014 08.30	12,0	9,4	-1,0	-5,0	1,0					12,0	9,0	-5,0	-5,0	5,0	
50	06/03/2014 16.30	15,0	9,4	-2,0	-6,0	1,0	15,0	9,4	7,0	2,0	-4,0	15,0	9,0	-5,0	-5,0	5,0
51	10/03/2014 08.30	10,0	9,4	-2,0	-5,0	1,0	10,0	9,4	7,0	0,0	-6,0	10,0	9,0	-6,0	-5,0	4,0
52	17/03/2014 15.30	15,0	9,4	-2,0	-5,0	1,0	15,0	9,4	7,0	2,0	-5,0	15,0	9,0	-6,0	-4,0	3,0
53	24/03/2014 08.30	10,0	9,4	-1,0	-5,0	2,0	10,0	9,4	6,0	2,0	-4,0	10,0	9,0	-5,0	-6,0	6,0
54	01/04/2014 18.30	15,0	9,4	0,0	-6,0	3,0	15,0	9,4	6,0	2,0	-4,0	15,0	9,0	-5,0	-8,0	6,0
55	09/04/2014 08.30	15,0	9,4	-1,0	-6,0	1,0	15,0	9,4	7,0	3,0	-5,0	15,0	9,0	-6,0	-5,0	5,0
56	16/04/2014 08.30	10,0	9,4	-1,0	-7,0	2,0	10,0	9,4	7,0	1,0	-6,0	10,0	9,0	-6,0	-7,0	7,0
57	24/04/2014 08.30	15,0	9,4	-1,0	-7,0	1,0	15,0	9,4	7,0	0,0	-5,0	15,0	9,0	-6,0	-7,0	7,0
58	06/05/2014 08.30	15,0	9,4	-1,0	-4,0	0,0	15,0	9,4	7,0	0,0	-6,0	15,0	9,0	-7,0	-6,0	3,0
59	13/05/2014 08.30	18,0	9,4	-1,0	-6,0	0,0	18,0	9,4	7,0	2,0	-7,0	18,0	9,0	-7,0	-5,0	5,0
60	22/05/2014 08.30	20,0	9,4	-1,0	-8,0	0,0	20,0	9,4	7,0	2,0	-6,0	20,0	9,0	-6,0	-6,0	5,0
61	29/05/2014 08.30	18,0	9,4	-1,0	-7,0	0,0	18,0	9,4	7,0	1,0	-7,0	18,0	9,0	-6,0	-6,0	5,0
62	11/06/2014 08.30	22,0	9,4	-1,0	-7,0	0,0	22,0	9,4	7,0	1,0	-9,0	22,0	9,0	-6,0	-6,0	4,0
63	18/06/2014 08.30	18,0	9,4	-1,0	-5,0	0,0	18,0	9,4	7,0	1,0	-8,0	18,0	9,0	-6,0	-6,0	5,0
64	26/06/2014 08.30	22,0	9,4	-1,0	-7,0	0,0	22,0	9,4	7,0	2,0	-8,0	22,0	9,0	-6,0	-4,0	4,0
65	08/07/2014 08.30	25,0	9,4	0,0	-5,0	0,0	25,0	9,4	8,0	2,0	-8,0	25,0	9,0	-6,0	-5,0	5,0
66	23/07/2014 08.30	25,0	9,4	0,0	-3,0	-1,0	25,0	9,4	8,0	0,0	-10,0	25,0	9,0	-6,0	-6,0	3,0
67	06/08/2014 08.30	25,0	9,4	0,0	-7,0	0,0	25,0	9,4	8,0	-1,0	-8,0	25,0	9,0	-6,0	-6,0	5,0
68	02/09/2014 08.30	18,0	9,4	1,0	-5,0	0,0	18,0	9,4	8,0	-1,0	-8,0	18,0	9,0	-6,0	-6,0	5,0
69	16/09/2014 08.30	20,0	9,4	1,0	-5,0	0,0	20,0	9,4	8,0	0,0	-11,0	20,0	9,0	-6,0	-6,0	4,0
70	30/09/2014 08.30	18,0	9,4	-1,0	-7,0	0,0	18,0	9,4	8,0	1,0	-10,0	18,0	9,0	0,0	-1,0	8,0
71	14/10/2014 08.30	20,0	9,4	-1,0	-8,0	0,0	20,0	9,4	8,0	0,0	-11,0	20,0	9,0	-2,0	-1,0	5,0
72	28/10/2014 08.30	14,0	9,4	-1,0	-8,0	0,0	14,0	9,4	8,0	2,0	-10,0	14,0	9,0	-2,0	-4,0	4,0



Ubicazione STAZIONE CHIAIA
Opera \ \ Supplementari \ 62-64
Tipo Strumento Mire Ottiche
Data posa in opera 28/03/2013
Data lettura di zero 28/03/2013

UBICAZIONE

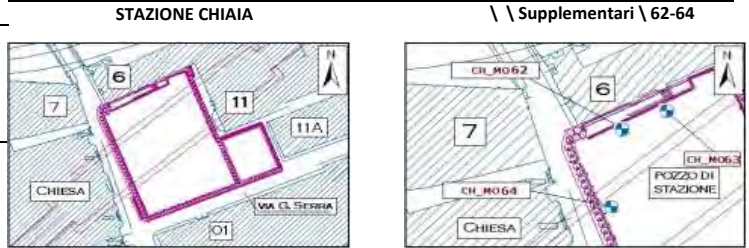


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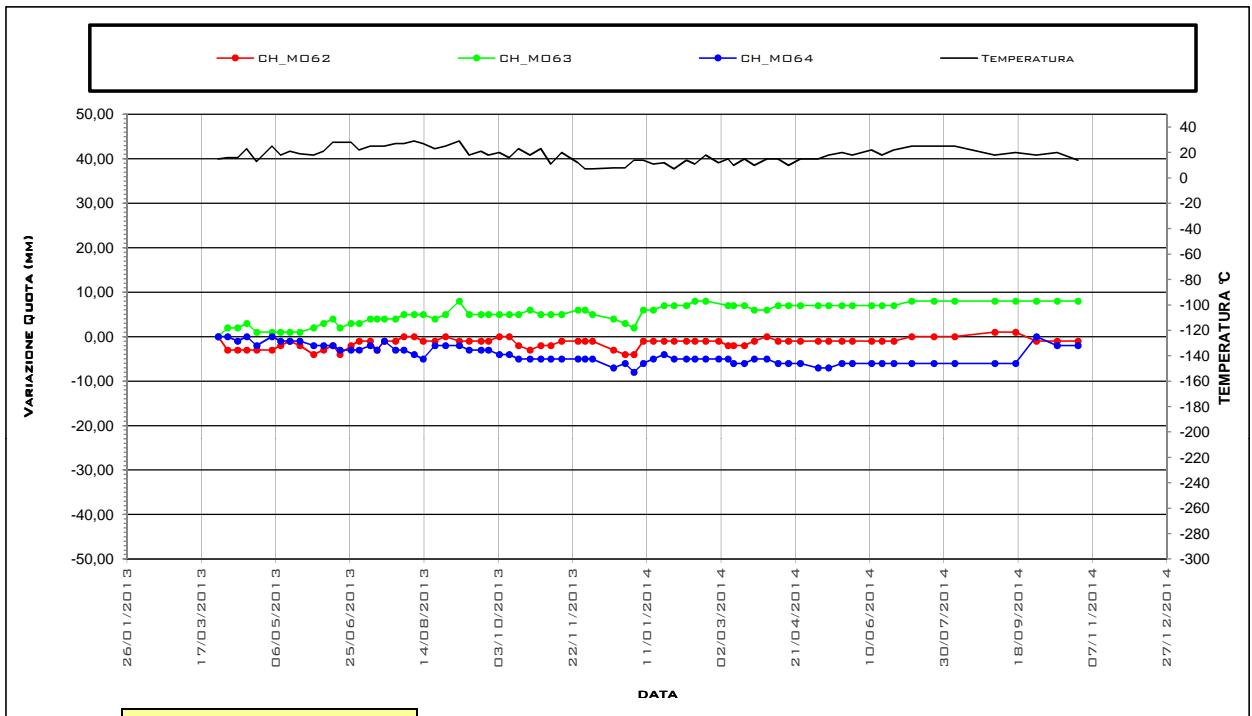
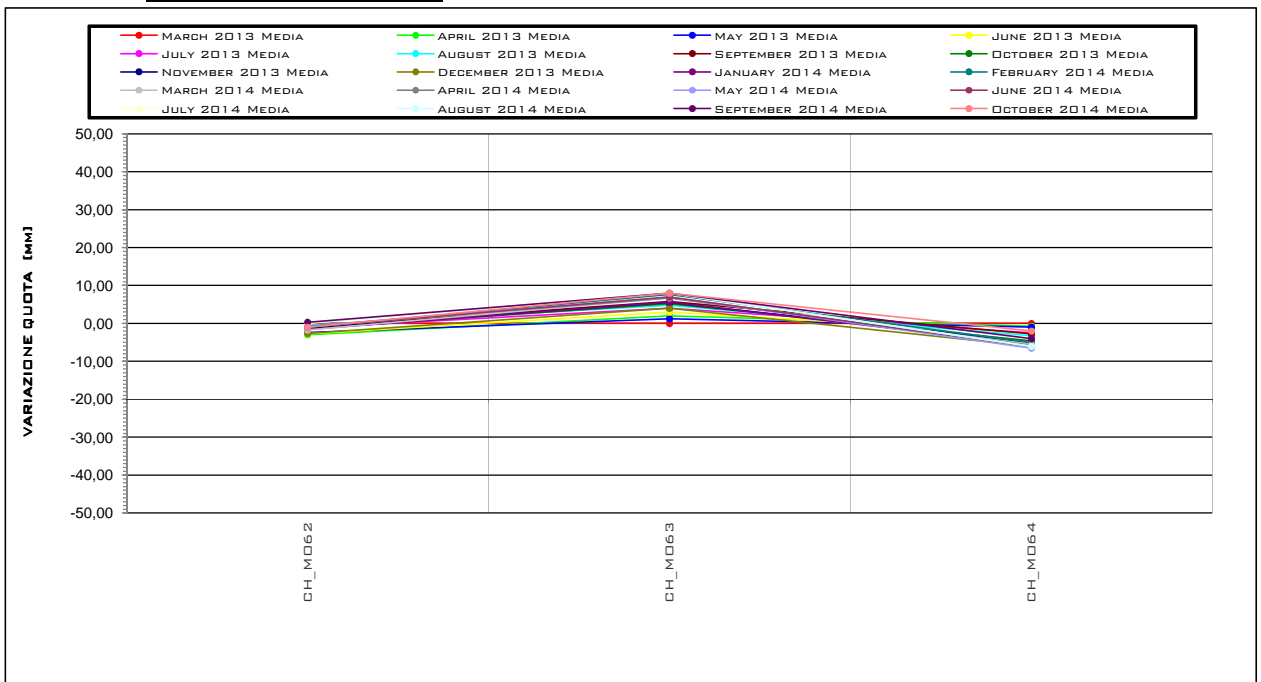


GRAFICO ISOCRONE





Ubicazione STAZIONE CHIAIA
Opera \ \ Supplementari \ 62-64
Tipo Strumento Mire Ottiche
Data posa in opera 28/03/2013
Data lettura di zero 28/03/2013

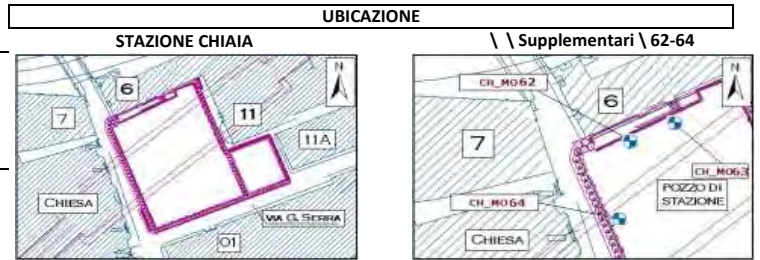


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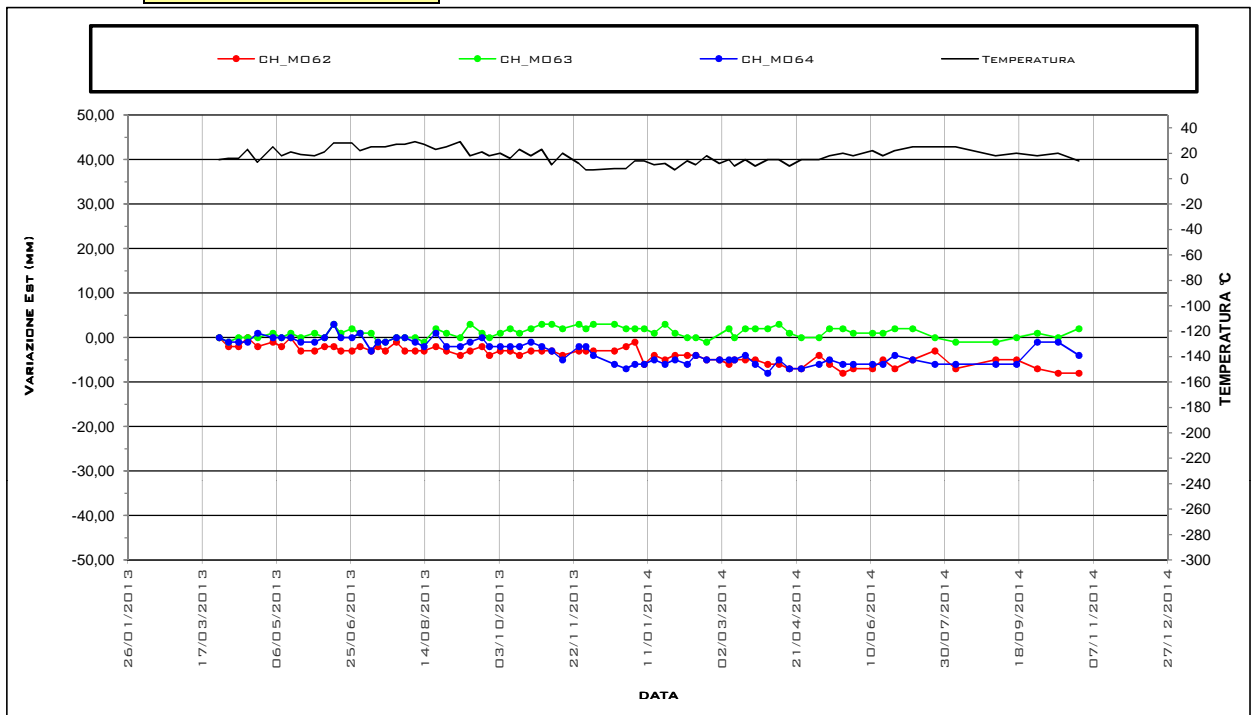
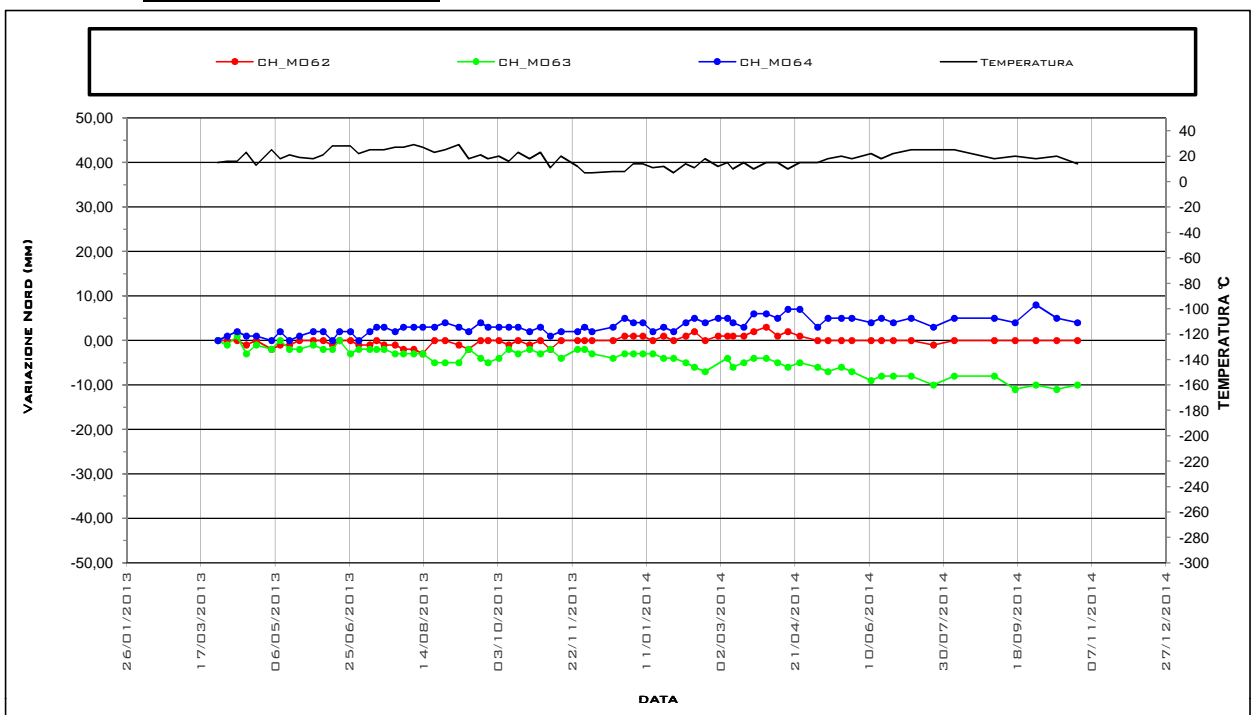


GRAFICO NORD



METROPOLITANA LINEA 6 - RESOCONTO MANUTENZIONE TREESSE ENGINEERING S.R.L.




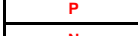




set-14

GALLERIA DI LINEA

TRATTA MERGELLINA / ARCO MIRELLI											
COD.STAZIONE	COD. STRUM.	TIPOLOGIA STRUM.	METRI da p.c.	6/9	7/9	8/9	9/9	10/9	ESITO	TOT MESE	TOTALE
GL_MA	GL_MA_SP01_EI1/ES1	ESTENSO-INCLINOMETRO	28/28							0	1
GL_MA	GL_MA_SP01_EI2/ES2	ESTENSO-INCLINOMETRO	30/30							0	1
GL_MA	GL_MA_SC01_EI1/ES1	ESTENSO-INCLINOMETRO	31/31							0	0
GL_MA	GL_MA_SC01_EI2/ES2	ESTENSO-INCLINOMETRO	27/27							0	2
GL_MA	GL_MA_SP02_EI1/ES1	ESTENSO-INCLINOMETRO	27/27							0	3
GL_MA	GL_MA_SP02_EI2/ES2	ESTENSO-INCLINOMETRO	30/30							0	2
GL_MA	GL_MA_SP01_PZ	PIEZ. CASAGRANDE	30	1					P	1	4
GL_MA	GL_MA_SC01_PZ	PIEZ. CASAGRANDE	30	1					P	1	4
GL_MA	GL_MA_SP02_PZ	PIEZ. CASAGRANDE	30							0	6
GL_MA	GL_MA_PZ1	PIEZ. CASAGRANDE	8,04	1					P	1	5
GL_MA	GL_MA_PZ2	PIEZ. CASAGRANDE	7,97	1					P	1	3
GL_MA	GL_MA_PZ3	PIEZ. CASAGRANDE	8,00	1					P	1	3
GL_MA	GL_MA_PZ4	PIEZ. CASAGRANDE	7,90							0	5
GL_MA	GL_MA_PZ5	PIEZ. CASAGRANDE	7,30							0	4
TRATTA ARCO MIRELLI / SAN PASQUALE											
COD.STAZIONE	COD. STRUM.	TIPOLOGIA STRUM.	METRI da p.c.	6/9	7/9	8/9	9/9	10/9	ESITO	TOT MESE	TOTALE
GL_AS	GL_AS_SP03_EI1/ES1	ESTENSO-INCLINOMETRO	34/34							0	2
GL_AS	GL_AS_SP03_EI2/ES2	ESTENSO-INCLINOMETRO	34/34							0	3
GL_AS	GL_AS_SC03_EI1/ES1	ESTENSO-INCLINOMETRO	34/34							0	3
GL_AS	GL_AS_SC03_EI2/ES2	ESTENSO-INCLINOMETRO	34/34							0	3
GL_AS	GL_AS_SC02_PZ	PIEZ. CASAGRANDE	35		1				P	1	6
GL_AS	GL_AS_SC03_PZ	PIEZ. CASAGRANDE	35		1				P	1	6
GL_AS	GL_AS_SP03_PZ	PIEZ. CASAGRANDE	35		1				P	1	5
TRATTA SAN PASQUALE / CHIAIA											
COD.STAZIONE	COD. STRUM.	TIPOLOGIA STRUM.	METRI da p.c.	6/9	7/9	8/9	9/9	10/9	ESITO	TOT MESE	TOTALE
GL_SH	GL_SH_SC04_EI1/ES1	ESTENSO-INCLINOMETRO	35/35							0	4
GL_SH	GL_SH_SC04_EI2/ES2	ESTENSO-INCLINOMETRO	35/35							0	3
GL_SH	GL_SH_SP04_EI1/ES1	ESTENSO-INCLINOMETRO	34/34							0	2
GL_SH	GL_SH_SP04_EI2/ES2	ESTENSO-INCLINOMETRO	31/31							0	1
GL_SH	GL_SH_SC05_EI1/ES1	ESTENSO-INCLINOMETRO	30/30							0	1
GL_SH	GL_SH_SC05_EI2/ES2	ESTENSO-INCLINOMETRO	30/30							0	1
GL_SH	GL_SH_SC04_PZ	PIEZ. CASAGRANDE	35/35		1				P	1	4
GL_SH	GL_SH_SP04_PZ	PIEZ. CASAGRANDE	35/35		1				P	1	5
GL_SH	GL_SH_SC05_PZ	PIEZ. CASAGRANDE	30/30		1				P	1	2
GL_CM	GL_CM_SC06_PZ1	PIEZ. CASAGRANDE	40/40			1			P	1	2
GL_CM	GL_CM_SC06_PZ2	PIEZ. CASAGRANDE	40/40			1			P	1	3
GL_CM	GL_CM_SC06_EI/ES	ESTENSO-INCLINOMETRO	37/37			1			P	1	1

LEGENDA

	IN ROSSO STRUMENTO FUORI USO (per il quale è inutile programmare attività di manutenzione e monitoraggio)
	IN GIALLO STRUMENTO A FUNZIONALITA' RIDOTTA
	IN VERDE STRUMENTO SOSTITUITO
	ESITO POSITIVO
	ESITO NEGATIVO
	VIDEOISPEZIONE ESEGUITA

NOTE

Gli strumenti sottoposti a manutenzione nel periodo indicato, dopo il trattamento di spurgo, lavaggio a pressione, verifica dell'accessibilità tubi di misura, hanno migliorato la loro funzionalità. Superando le prove con esito positivo.

Per i piezometri tipo Casagrande sotto riportati, si evince la scarsa comunicazione fra i tubi di misura, che indica un ridotto ricircolo dell'acqua all'interno della cella. Dalla risposta strumentale ottenuta durante le fasi di manutenzione, si suppone un funzionamento assimilabile più a piezometri tubo aperto che non a celle tipo Casagrande, ciò potrebbe comportare tempi di risposta più lunghi. Tuttavia questi strumenti continuano a fornire misure correlabili con gli altri strumenti funzionanti, continueranno ad essere regolarmente inseriti nel programma di monitoraggio e di manutenzione.

Cantiere San Pasquale

SP_PZ1_P

SP_PZ1_S

Cantiere Arco Mirelli

AM_PZ6_S

AM_PZ5_S

Tratta Mergellina-Arco Mirelli

GL_MA_PZ4