306154

PROTOCOLLO DI MISURA ZEISS UMESS

Scatola Frizione | CICLO CNC

DISEGNO No.	Indice	PROV.MAC	ZEISS	TIPO MISURA
K_TR_321___FASE1		Bz -	Cx ZEISS 1	TEST

OPERATORE	DATA	NUMERO PART.	PROGRAMMA	PALETTE	TIME
Santorsola	5. 7.2014	FULL LAYOUT			15:50: 3

TEMP. PEZZO 23.06

IND	NOMI / IDF	SY	VAL ATT	VAL NOM	TOL.S	TOL.I	DEV	MAG
	#FL_P2_PLN	t	0.028	0.030				++++
	#FL_P2_PER	t	0.033	0.100				++
	#FL_V_PLAN	t	0.124	0.200				+++
	#CA1D2_CON ~ Ø10	td	0.053	0.100				+++
	#CA1D3_CON ~ Ø14	td	0.084	0.100				++++
	#CA2D2_CON	td	0.066	0.100				+++
	#CA2D3_CON	td	0.097	0.100				++++
	#CA13_CON	td	0.197	0.200				++++
	#CA23_CONC	td	0.187	0.200				++++
	#CA11_PRE	D	8.996	9.000	0.200	-0.200	-0.004	-
	#CA21_PRE	D	9.014	9.000	0.200	-0.200	0.014	+
	#PTO_PRE_D	D	10.007	9.000	0.300	0.000	1.007	0.707
	#EL_PRE_D	D	11.810	12.000	0.300	-0.300	-0.190	---

****
PROTOCOLLO STAMPATO DA NEW-GSSTAT IL 05/07/14 17.52.24
****

PROTOCOLLO DI MISURA ZEISS UMESS

Scatola Frizione | CICLO CNC

DISEGNO No.	Indice	PROV.MAC	ZEISS	TIPO MISURA
K_TR_321___FASE1		Bz -	Dx ZEISS 2	TEST

OPERATORE	DATA	NUMERO PART.	PROGRAMMA	PALETTE	TIME
Santorsola	26. 8.2014	FULL LAYOUT			14:46:43

TEMP. PEZZO 26.06

IND	NOMI / IDF	SY	VAL ATT	VAL NOM	TOL.S	TOL.I	DEV	MAG
	#DIST_RIB1	Z	-6.690	6.550	0.150	-0.150	0.140	++++

PROTOCOLLO STAMPATO DA NEW-GSSTAT IL 26/08/14 17.13.04

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PROTOCOLLO DI MISURA ZEISS UMESS

Scatola Frizione | CICLO CNC

==========

DISEGNO No.	Indice	PROV.MAC	ZEISS	TIPO MISURA
K_TR_321___FASE1		Bz -	Cx ZEISS 1	TEST

OPERATORE	DATA	NUMERO PART.	PROGRAMMA	PALETTE	TIME
Santorsola	3. 7.2014	FULL LAYOUT			17: 6:13

TEMP. PEZZO 23.54

IND	NOMI / IDF	SY	VAL ATT	VAL NOM	TOL.S	TOL.I	DEV	MAG
	#D68_CILI	t	0.002	0.010				+
	#BO_S_CIL	t	0.004	0.010				++
	#BO_L_CIL	t	0.006	0.010				+++
	#BO_F_CIL	t	0.008	0.010				+++
	#T1_PERP	t	0.022	0.300				+
	#FL_U_M18Z	Z	-121.431	121.364	0.200	-0.200	0.067	++
	#FL_OD_PER	t	0.014	0.100				+
	#BO_F61_P	td	0.064	0.400				+
	#PERP_FL_E	t	0.021	0.050				++

****

PROTOCOLLO STAMPATO DA NEW-GSSTAT IL 03/07/14 19.30.23

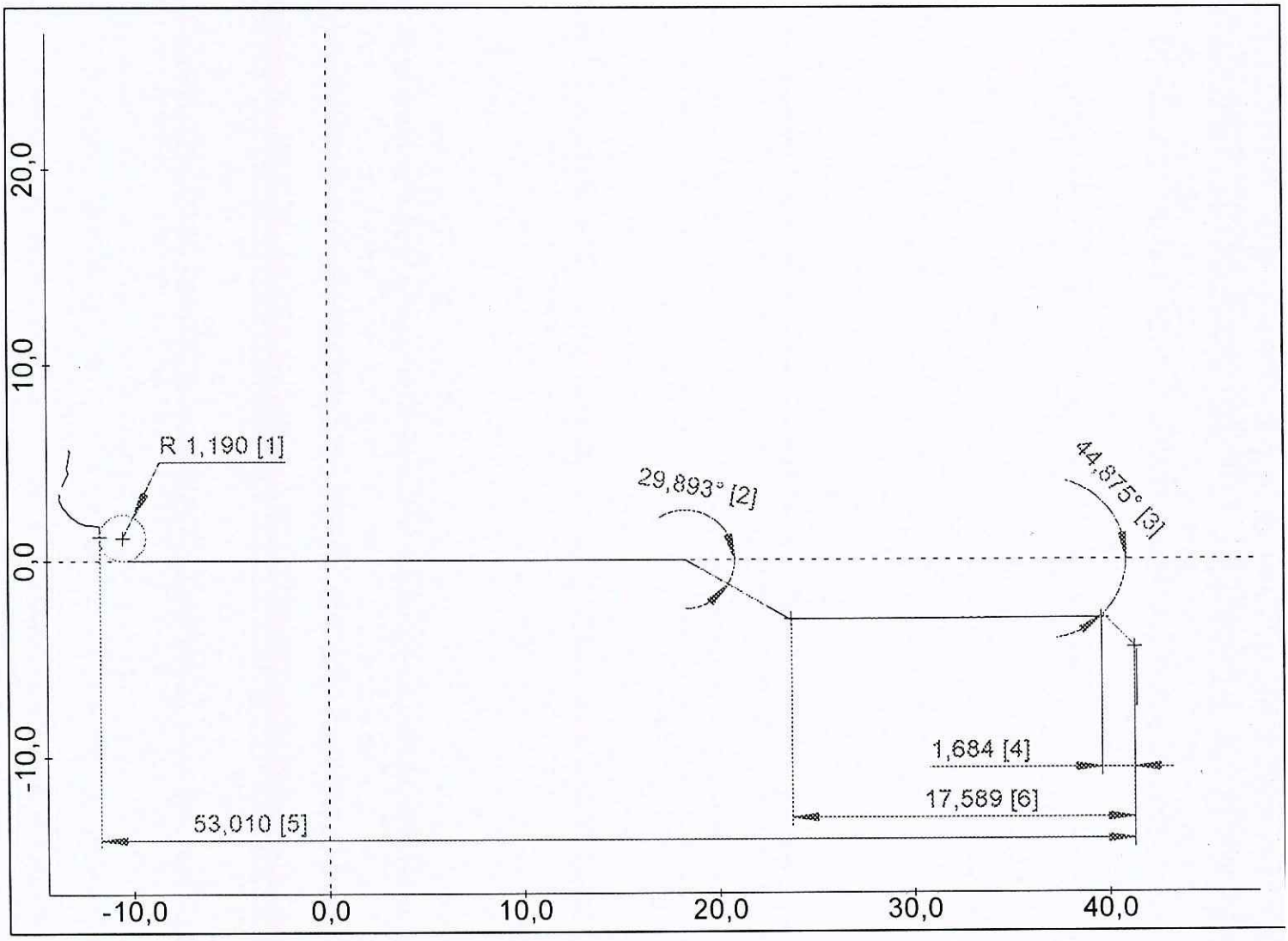
****

GETRAG

Via dei Ciclamini 4, Modugno (BA)

Sala Metrologica GPS5

Oggetto:	CH 3321
Numero:	FULL LAYOUT
Operatore:	TURNO A
Data, ora:	15.07.2014, 11:18
Nota:	CA2 SMUSSO FORO Ø24.1
Tastatore:	PCV 350 / 33 mm
Macchina:	MOA 416120 002



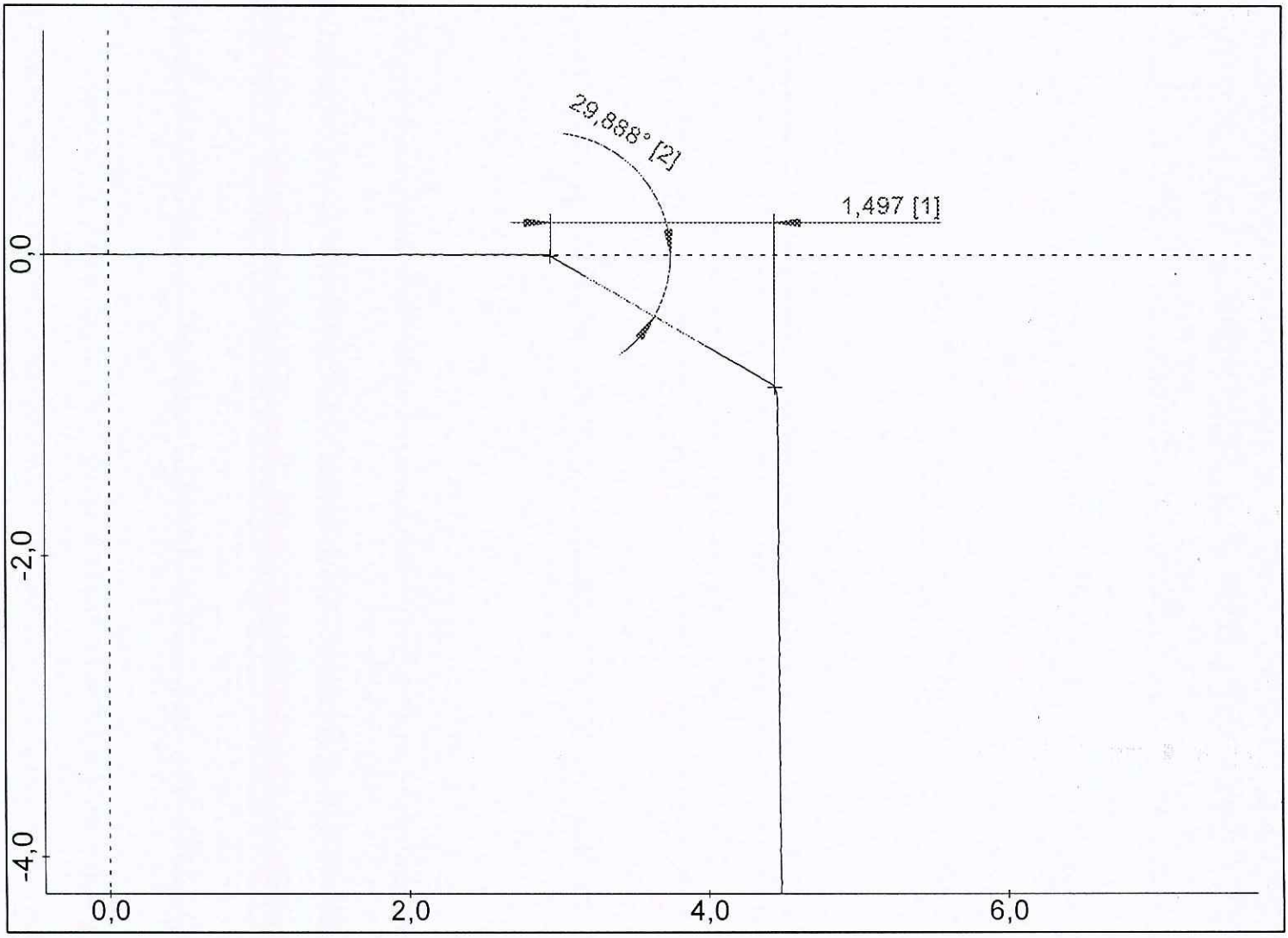
PERTHOMETER CONCEPT

GETRAG

Via dei Ciclamini 4, Modugno (BA)

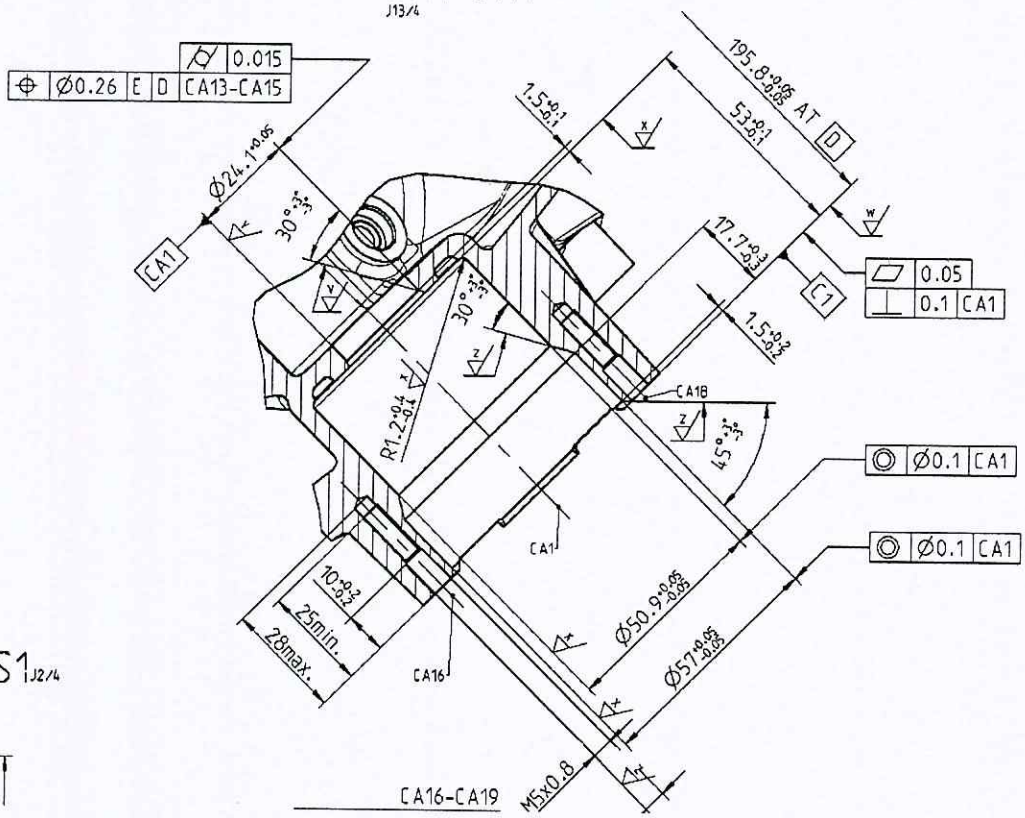
Sala Metrologica GPS5

Oggetto:	CH 3321
Numero:	FULL LAYOUT
Operatore:	TURNO A
Data, ora:	15.07.2014, 11:13
Nota:	CA2 SMUSSO FORO Ø24.1
Tastatore:	PCV 350 / 33 mm
Macchina:	MOA 416120 002



PERTHOMETER CONCEPT

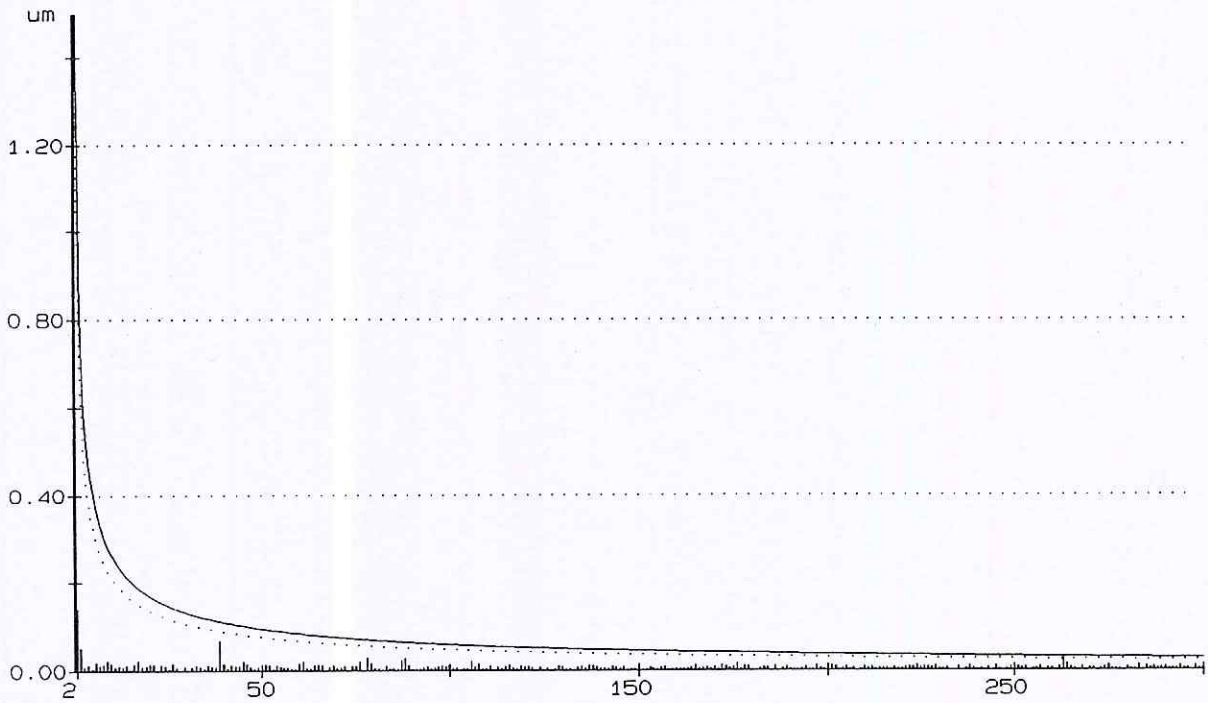
CA1-CA1
J13/4



TRS1 J2/4

Analisi di Fourier

N. disegno .....: 3653	Cliente/macch. N. : P26_B7681
Collaudatore ....: Selvaggio M.	Denominazione ....: Albero Ingresso 1
N. di commessa / di serie :32.11A-060	Stato di elaborazione:Rettifica Diametri
ID macchina .....: Getrag S.p.A.	Nome file .....: 3653_Rett_Gole_420_803431.wel
Caratteristica ...: FFT_D34_Sez_2/29	Data .....: 11.07.2014, 05:03



Limite sbarram.
R .....:1.50 um
N0 .....:0.70
K .....:0.60
Limite allarme :0.80

1.Armonica ....:0.00 um

2.Armonica ....:0.14 um
Limite sbarram.:1.50 um
Limite allarme :1.20 um

Tabella delle armoniche

Limite rappresentazione: 0.000 (Unità: um)

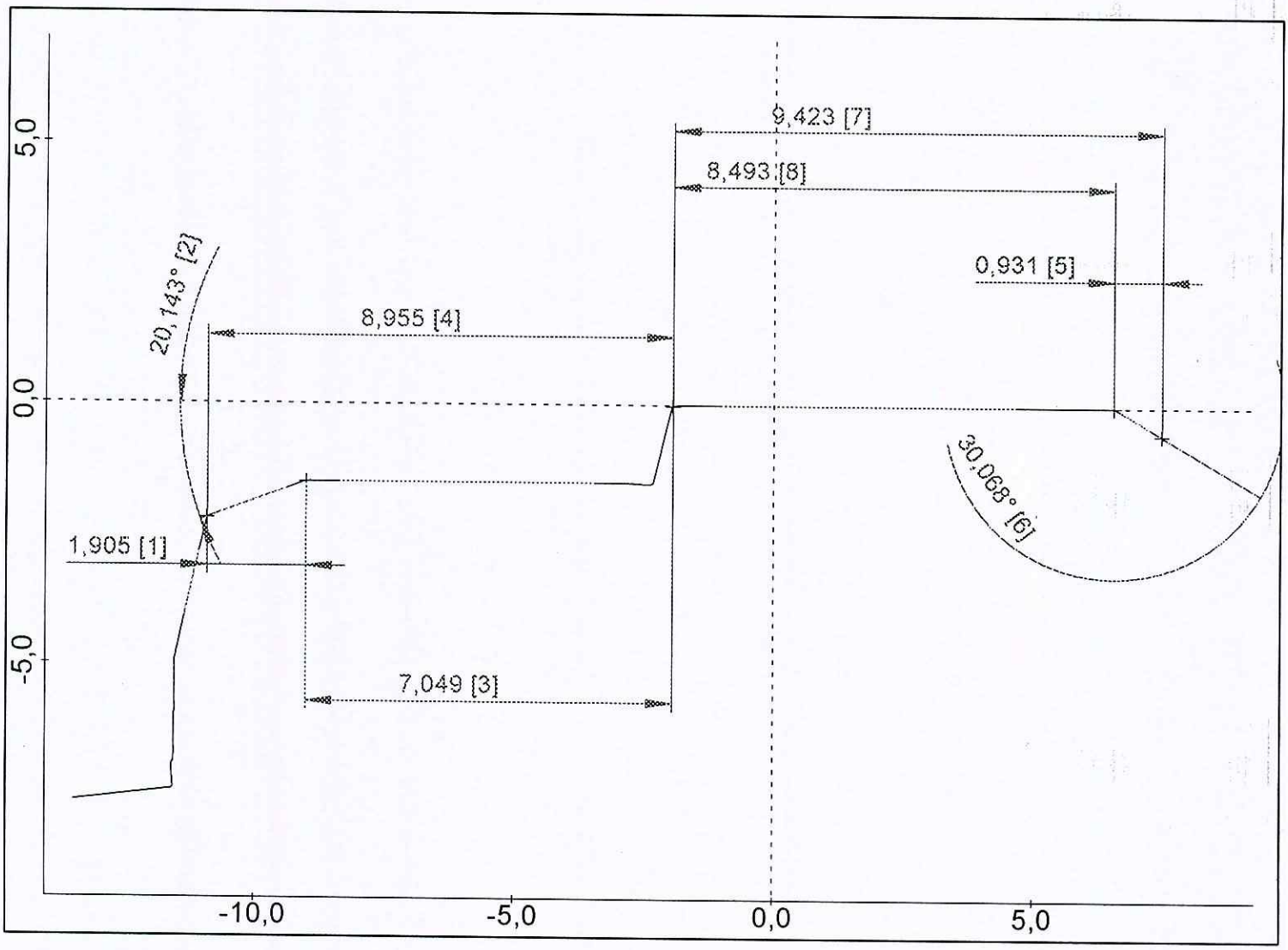
N	N+1	N+2	N+3	N+4	N+5	N+6	N+7	N+8	N+9	N+10
0	0.00	0.14	0.05	0.01	0.01	0.01	0.02	0.01	0.02	0.02
10	0.02	0.01	0.01	0.01	0.01	0.00	0.01	0.02	0.01	0.01
20	0.02	0.02	0.00	0.01	0.01	0.00	0.02	0.01	0.00	0.01
30	0.00	0.01	0.01	0.01	0.00	0.01	0.01	0.01	0.07	0.02
40	0.01	0.01	0.01	0.01	0.02	0.02	0.01	0.00	0.01	0.01
50	0.02	0.01	0.00	0.01	0.01	0.01	0.01	0.01	0.00	0.02
60	0.02	0.01	0.01	0.01	0.02	0.01	0.00	0.01	0.01	0.01
70	0.01	0.01	0.00	0.01	0.01	0.02	0.00	0.03	0.02	0.01
80	0.00	0.00	0.01	0.01	0.00	0.00	0.02	0.03	0.01	0.00
90	0.00	0.01	0.01	0.01	0.00	0.01	0.01	0.01	0.01	0.01
100	0.01	0.01	0.00	0.00	0.00	0.02	0.01	0.02	0.00	0.00
110	0.01	0.00	0.01	0.01	0.01	0.01	0.01	0.00	0.01	0.01
120	0.01	0.01	0.00	0.01	0.00	0.01	0.00	0.00	0.01	0.01
130	0.00	0.00	0.00	0.01	0.01	0.01	0.01	0.01	0.01	0.01
140	0.01	0.00	0.01	0.01	0.01	0.01	0.00	0.00	0.00	0.01
150	0.00	0.00	0.01	0.01	0.00	0.01	0.01	0.00	0.00	0.01
160	0.00	0.00	0.00	0.01	0.01	0.01	0.01	0.01	0.00	0.01
170	0.00	0.01	0.01	0.01	0.01	0.02	0.00	0.01	0.01	0.00
180	0.00	0.01	0.01	0.01	0.00	0.01	0.00	0.01	0.01	0.00

GETRAG

Via dei Ciclamini 4, Modugno (BA)

Sala Metrologica GPS5

Oggetto:	CH 332100
Numero:	FULL LAYOUT
Operatore:	TURNO D
Data, ora:	14.05.2014, 09:33
Nota:	PART SMUSSI FORO P
Tastatore:	PCV 175-M / 9032212
Macchina:	MOA 416120 002



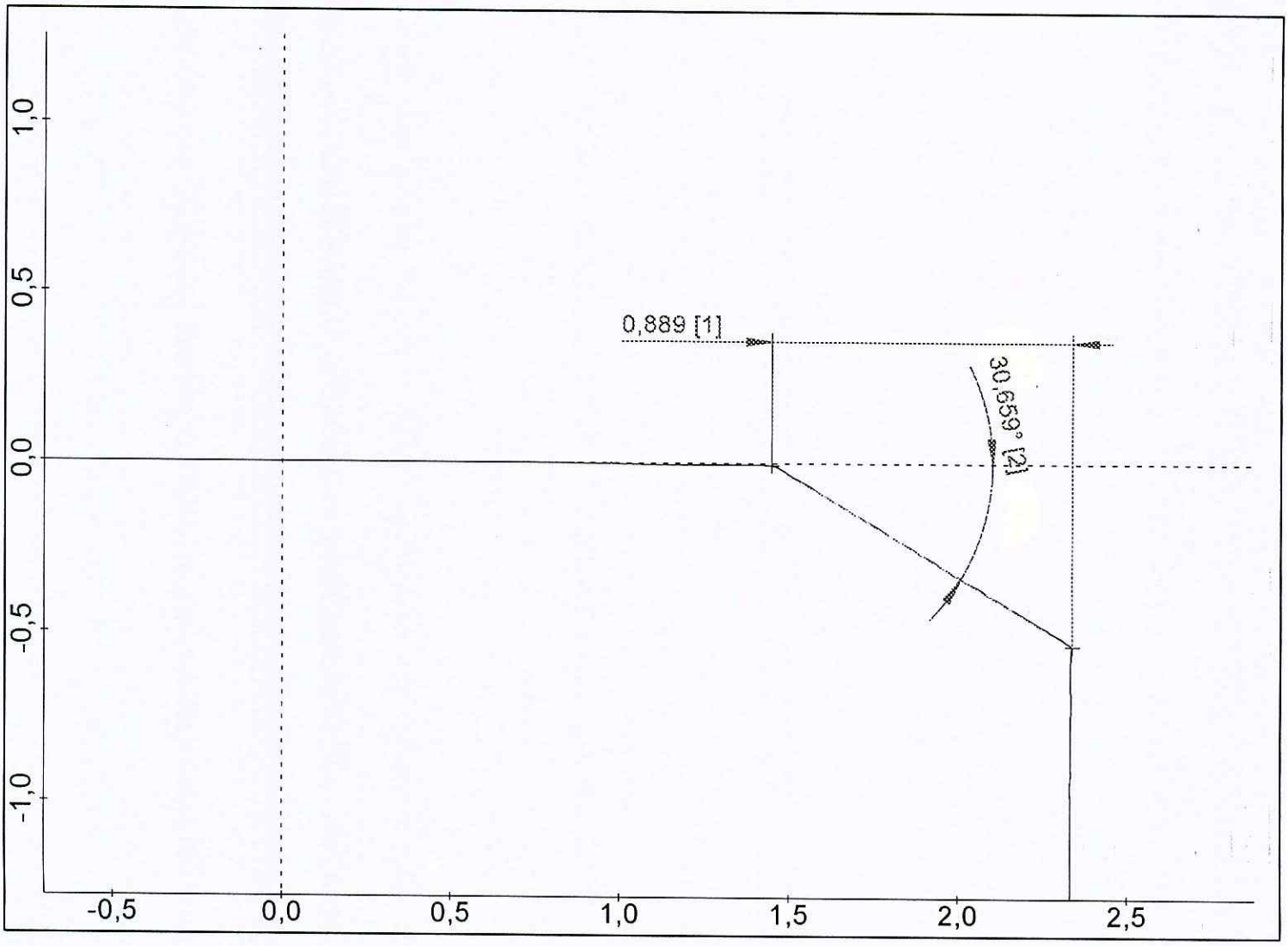
PERTHOMETER CONCEPT

GETRAG

Via dei Ciclamini 4, Modugno (BA)

Sala Metrologica GPS5

Oggetto:	CH 332100
Numero:	FULL LAYOUT
Operatore:	TURNO D
Data, ora:	14.05.2014, 09:50
Nota:	PART SMUSSO FORO P1
Tastatore:	PCV 175-M / 9032212
Macchina:	MOA 416120 002



PERTHOMETER CONCEPT

FORI FLUCIA H/OD

H14 — 25.32(O) / 18.29(H)

H9 = 18,29

H12 = 18,31

FORO OD = OK

FILTRATURE OK

H1 = 18.12

H2 = 18.29

H3 = 18.31

H4 = 18.18

H5 = 18.21

H6 = 18.18

H7 = 18.18

H8 = 18.18

H10 = 18.13

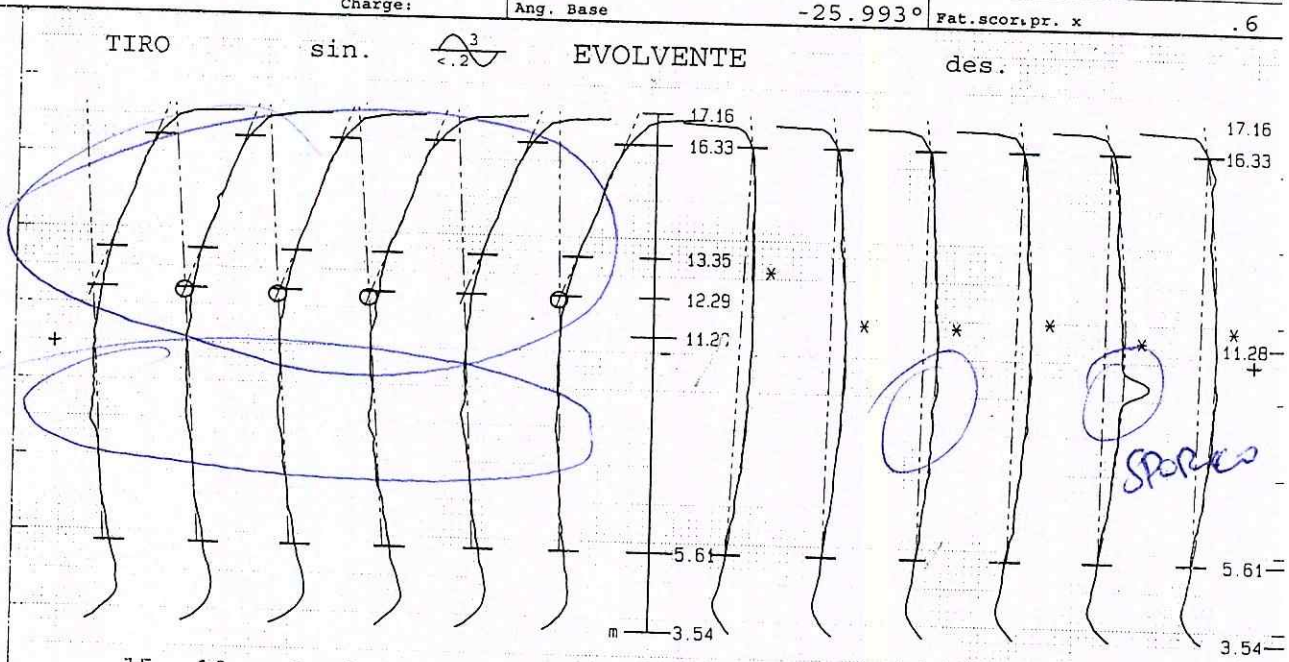
H19 = 18.21

H20 = 18.30

H21 = 18.18

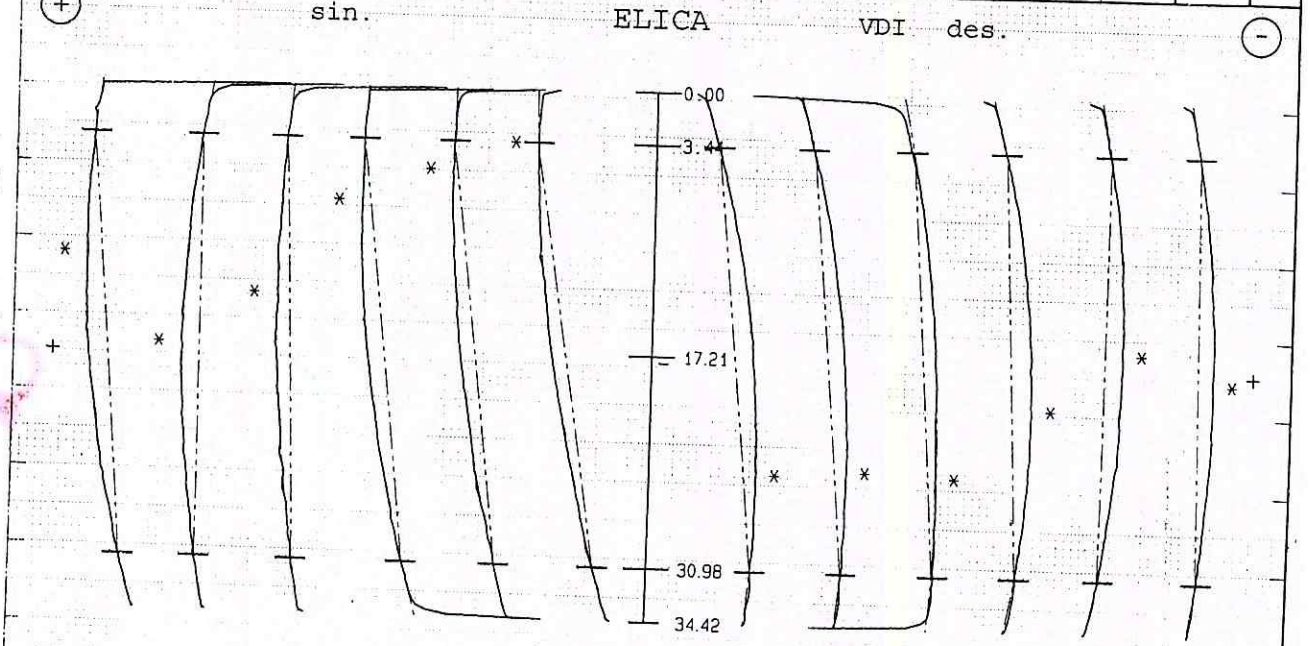
GETRAG — Ruota cilindrica Evolvente/Elica

Nr. prog.: STI0410o005 0 PNC35 B4784	Controllore: turno C		Data: 14.03.2014 09:0
Denominazione: Output Shaft 1	Numero denti z	19	Largh.fasc.dent. b 34.42m
Numero disegno.: 250.6.3686.35-IF	Modulo m	2.25mm	Tratto evolv. La 6.68/10.72m
Commessa/serie nr.: 2.693-039	Angolo pressione	20°	Tratto elica Lß 27.54m
Masch.Nr.: M001 Spindel: Formnest	Angolo elica	-27.8°	Inizio elab. M1 5.61m
Untersuchungszweck: Laufende Messung	Ø Base db	44.6926mm	Palpatore Ø (#1) 1m
Werkzeug: Charge:	Ang. Base	-25.993°	Fat.scor.pr. x .6



Tolerance	Medio	Val.misur[µm] 15	10	6	1s	1c	1b	Qual
		Var 1						
fHβm ±6	4							
fHβ ±10	4	4	4	4	5	3	1	
Fβ	6	6	6	5	6	5	3	
ffβ 4	4	5	3	4	5	4	3	
Cβ								
fFβ								
fKβ -22/-14	-18	-18	-18	-18	-19	-18	-17	

Tolerance	Val.misur[µm] 1b	1c	1s	6	10	15	Medio	Qual
	Var 0							
±6							2	
±10	5	2	2	2	2	2	2	
	6	5	5	6	13	6	8	
4	1	1	1	2	8	3	4	
0/4	3	4	3	4	5	4	4	
	0	0	0	0	0	0	0	



N:3

Tolerance	Medio	Val.misur[µm] 15	10	6	1t	1c	1p	Qual
		Var 17						
fHβm 8±6	8							
fHβ 8±13	8	11	0	5	15	17	21	
Fβ	6	5	7	4	6	7	10	
ffβ 4	1	1	1	1	1	1	1	
Cβ 2/6	4	5	4	3	4	4	4	
Bβ 4±4	6							

Tolerance	Val.misur[µm] 1p	1c	1t	6	10	15	Medio	Qual
	Var 13							
±6							5	
±13	13	12	9	6	-1	2	5	
	11	10	8	6	3	3	6	
4	1	1	1	0	1	1	1	
2/6	5	4	3	5	5			

330/540	2884/3044	2594	2894/3064	2904/3074	3564	3484	3634/3754
16.01 Profondità "J"/ "R" (15+/-0.1) 15.82	50.32 Profondità fori S/L Ø35 da H (misurare su pista 51 -0.2) 50.31	Distanza fl. H fl. grezze CP1-CP2-CP3 (2+/-0.25)	49.95 Profondità fori S/L Ø55 da H (misurare su pista 49+/ -0.2) 49.96	51.65 Profondità foro S/L Ø51.3 da H (51.3+/-0.25) 51.45	Profondità foro SD1 da fl. H (16.1 -0.2) 15.96	Profondità foro SD2 da fl. H (6.1 -0.2) 5.96	12.21 Profondità fori DG1/DG4 fl. H (12.05+0.2) 12.21
3694/3814	**3954**	**4014/4134**	**4074**	**4224**	**4244**	**4194**	**2237/2314**
10.72 Profondità fori DG2/DG3 fl.H (10.65+0.2) 10.74	Profondità foro SR_4 da fl.H (2.8+0.2) 2.86	11.35 Profondità fori SR_2/SR_3 da fl. H (11.3+0.2) 11.33	Profondità foro SR_5 da H (7.2-0.2) 7.17	Altezza lamatura foro P18H7 da fl. H (49.56+/-0.05) 49.54	Altezza foro "P" da fl 18H7 a battuta 21R7 (9.5+/-0.1) 9.58	Profondità foro P1 (20.5+/-0.25) 20.43	13.23 Profondità fori K-M (ø12.887) (13.32+/-0.3) 13.24
4724	**4474**	**2634**	**2736**	**2744/2746**	**4384**	**2514**	
9.96 Profondità di nocciolo CA15_CA25 (10+/-0.2) 9.95	Profondità asola foro "D" (161.61+/-0.1) 161.60	Rugosità Flangia H (in 4 punti opposti sulla flangia) RZ-5-15 /Rmax 25, presenza di incrocio	Presenza gola di scarico F su Ø65 (accertarsi solo della presenza della stessa) OK	Rugosità F(55H8) Rz (10-16) Rmax(25)	Profondità foro G6 (8+/-0.2) 8.14	Rugosità D(62H8) Rz (10-16) Rmax(25)	

W2 = OK – 13,13

W4 = OK – 19,64

OP – 3.978

13.655

CA11
CA12 } 16.61
CA14

CA21
CA22 } 16.69 +
CA24

CA13 } 16.84
CA23

GTS1
GTS2 } 16.99 +
GTS3

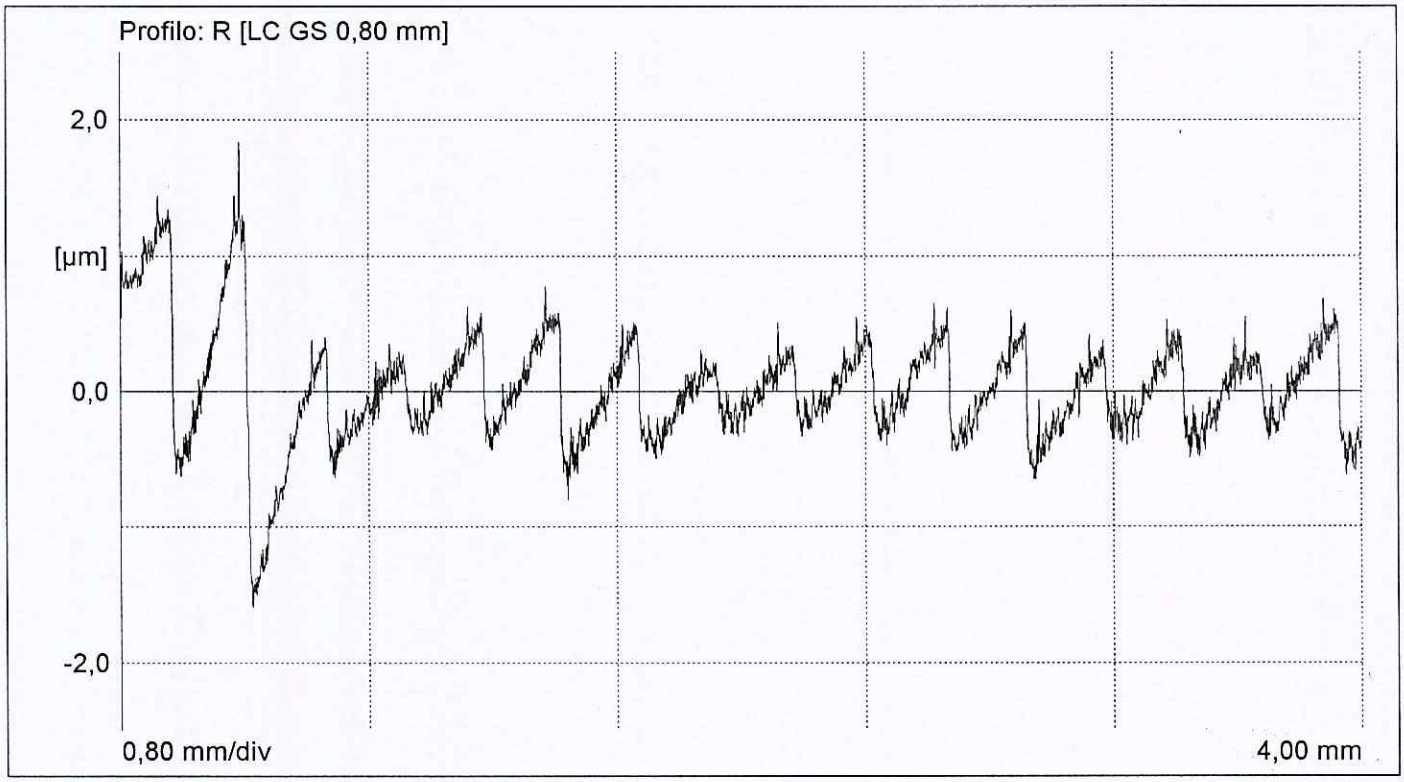
GETRAG

Via dei Ciclamini 4 Modugno Bari

Sala Metrologica GPS5

Oggetto:	CH 3321.00
Numero:	FULL LAYOUT
Operatore:	TURNO D/ D'ELIA L
Data, ora:	09/05/2014, 10:40
Nota:	RZ FORO DG4
Tastatore:	MFW-250 x 2.0 30

MACCHINA: MOA 416121 002



LC (GS)	0,80	mm
LT	5,60	mm
LM	4,00	mm
Z	5	
VB	±500	µm
Ra	0,3	µm
Rmax	3,4	µm
Rz	1,7	µm

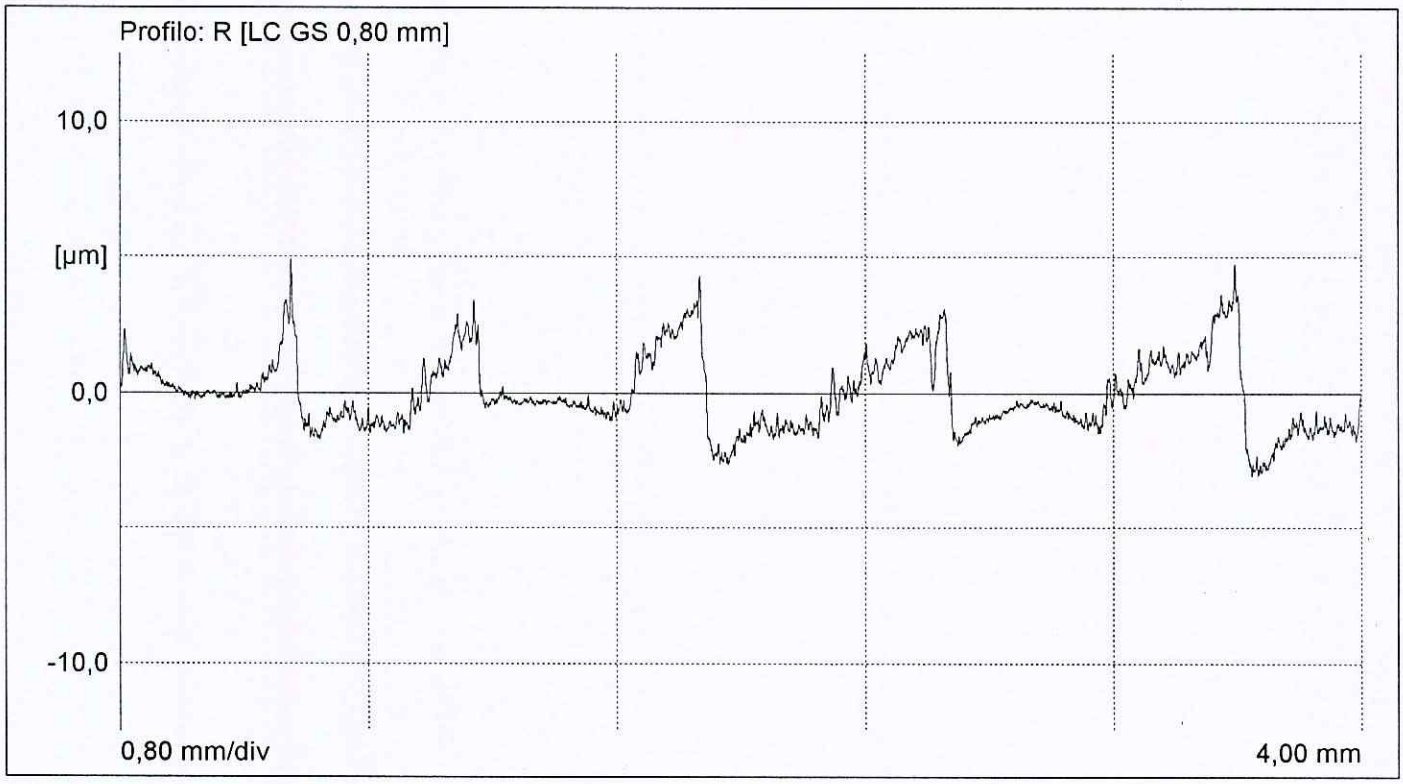
PERTHOMETER CONCEPT

GETRAG

Via dei Ciclamini 4 Modugno Bari

Sala Metrologica GPS5

Oggetto:	CH 3321.00
Numero:	FULL LAYOUT
Operatore:	TURNO D/ D'ELIA L
Data, ora:	09/05/2014, 10:42
Nota:	RZ FORO SR2/6
Tastatore:	MFW-250 x 2.0 30
MACCHINA:	MOA 416121 002



LC (GS)	0,80	mm
LT	5,60	mm
LM	4,00	mm
Z	5	
VB	±500	µm
Ra	1,1	µm
Rmax	7,8	µm
Rz	6,3	µm

PERTHOMETER CONCEPT

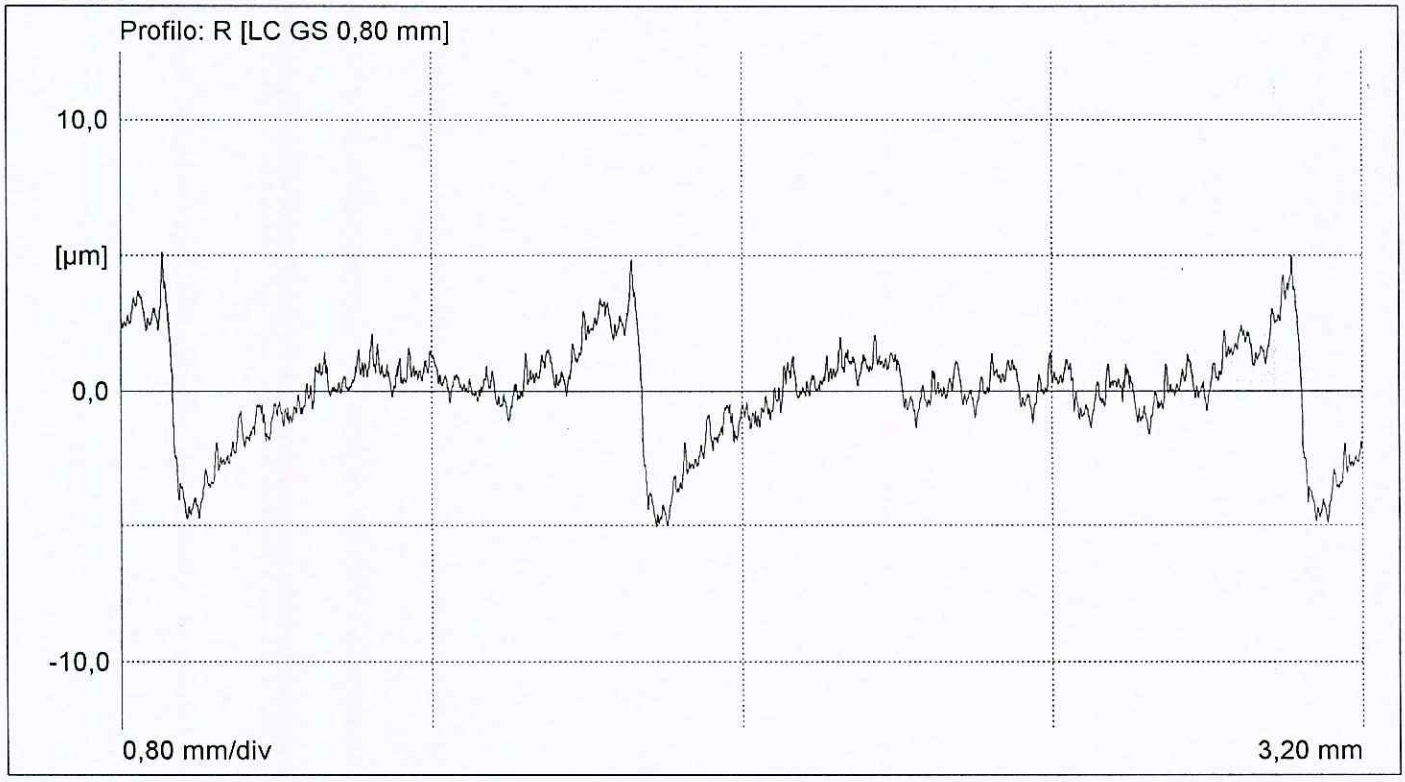
GETRAG

Via dei Ciclamini 4 Modugno Bari

Sala Metrologica GPS5

Oggetto:	CH 3321.00
Numero:	FULL LAYOUT
Operatore:	TURNO D/ D'ELIA L
Data, ora:	09/05/2014, 10:37
Nota:	RZ FORO DG2
Tastatore:	MFW-250 x 2.0 30

MACCHINA: MOA 416121 002



LC (GS)	0,80	mm
LT	4,80	mm
LM	3,20	mm
Z	4	
VB	±500	µm
Ra	1,4	µm
Rmax	9,9	µm
Rz	8,3	µm

PERTHOMETER CONCEPT

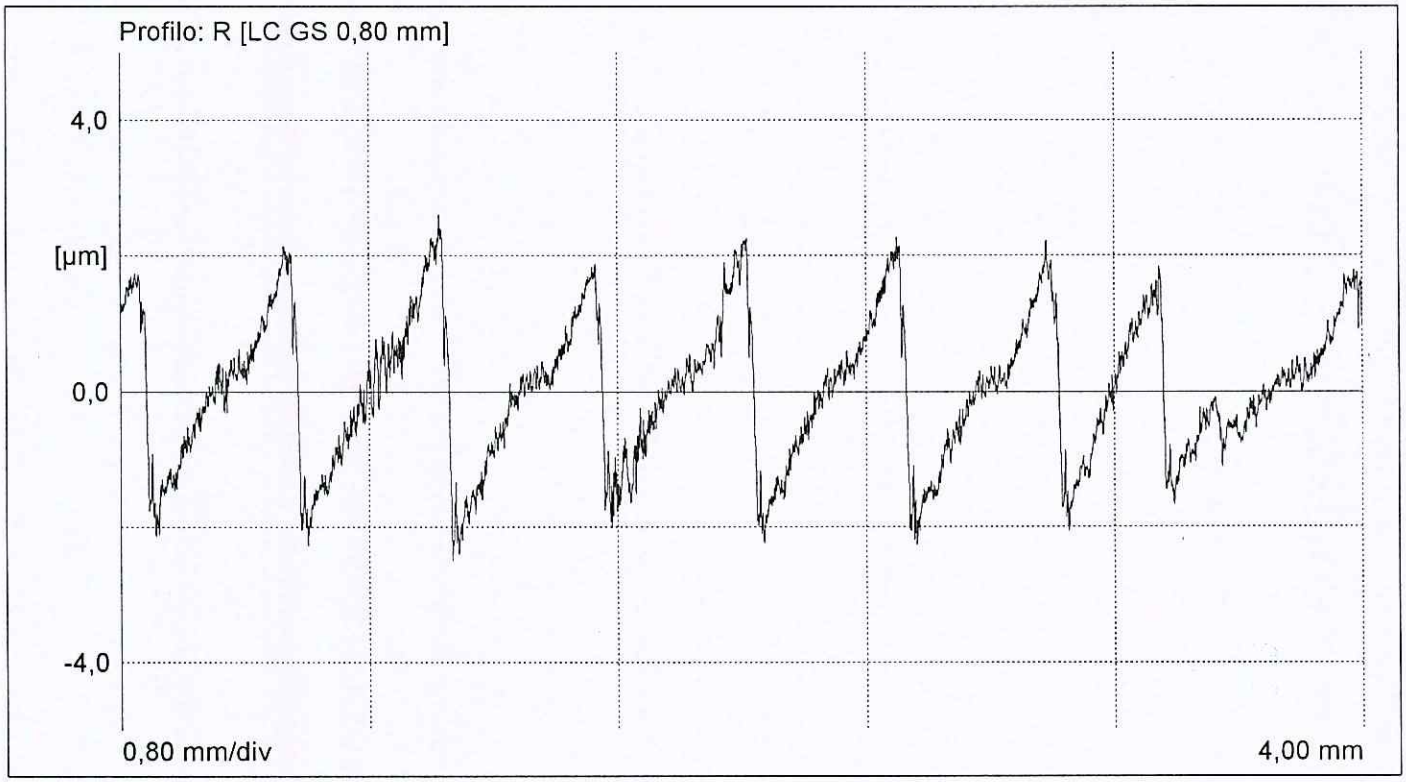
GETRAG

Via dei Ciclamini 4 Modugno Bari

Sala Metrologica GPS5

Oggetto:	CH 3321.00
Numero:	FULL LAYOUT
Operatore:	TURNO D/ D'ELIA L
Data, ora:	09/05/2014, 10:46
Nota:	RZ FORO SR5/1
Tastatore:	MFW-250 x 2.0 30

MACCHINA: MOA 416121 002



LC (GS)	0,80	mm
LT	5,60	mm
LM	4,00	mm
Z	5	
VB	±500	µm
Ra	0,9	µm
Rmax	5,1	µm
Rz	4,4	µm

PERTHOMETER CONCEPT

X

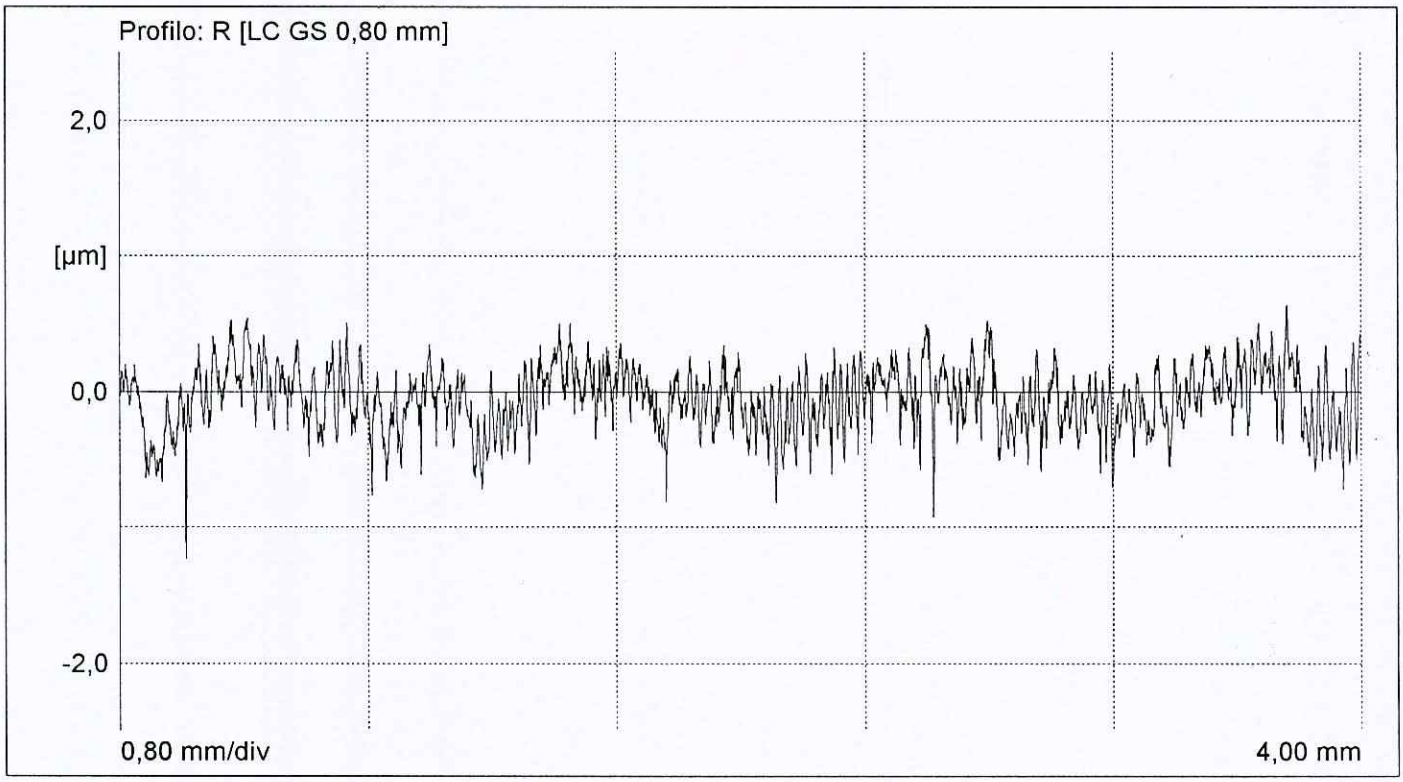
GETRAG

Via dei Ciclamini 4 Modugno Bari

Sala Metrologica GPS5

Oggetto:	CH 3321.00
Numero:	FULL LAYOUT
Operatore:	TURNO D/ D'ELIA L
Data, ora:	09/05/2014, 11:01
Nota:	RZ FORO P2
Tastatore:	MFW-250 x 2.0 30

MACCHINA: MOA 416121 002



LC (GS)	0,80	mm
LT	5,60	mm
LM	4,00	mm
Z	5	
VB	±500	µm
Ra	0,2	µm
Rmax	1,8	µm
Rz	1,4	µm

PERTHOMETER CONCEPT

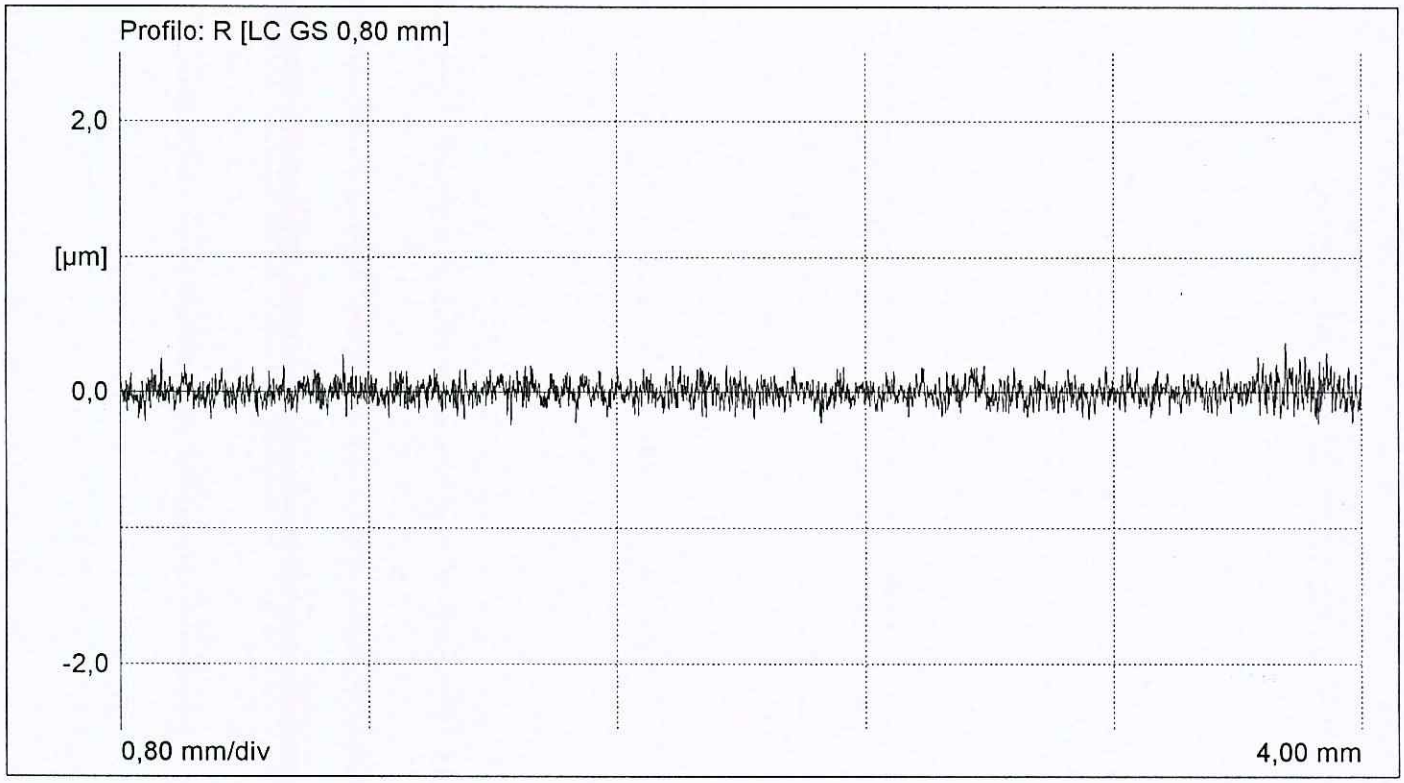
GETRAG

Via dei Ciclamini 4 Modugno Bari

Sala Metrologica GPS5

Oggetto:	CH 3321.00
Numero:	FULL LAYOUT
Operatore:	TURNO D/ D'ELIA L
Data, ora:	09/05/2014, 10:52
Nota:	RZ FORO SD2
Tastatore:	MFW-250 x 2.0 30

MACCHINA: MOA 416121 002



LC (GS)	0,80	mm
LT	5,60	mm
LM	4,00	mm
Z	5	
VB	±500	µm
Ra	0,1	µm
Rmax	0,6	µm
Rz	0,5	µm

PERTHOMETER CONCEPT

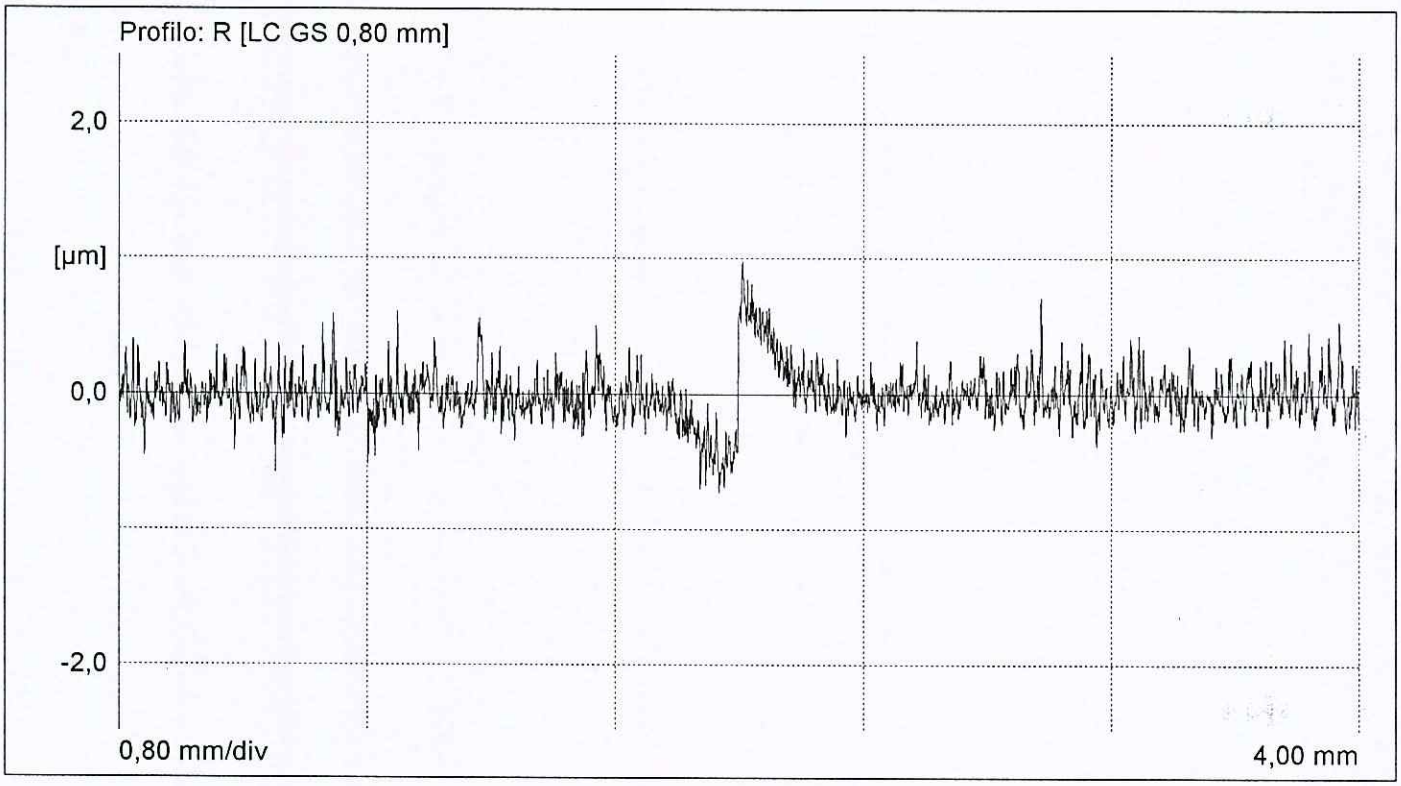
GETRAG

Via dei Ciclamini 4 Modugno Bari

Sala Metrologica GPS5

Oggetto:	CH 3321.00
Numero:	FULL LAYOUT
Operatore:	TURNO D/ D'ELIA L
Data, ora:	09/05/2014, 10:49
Nota:	RZ FORO SD1
Tastatore:	MFW-250 x 2.0 30

MACCHINA: MOA 416121 002



LC (GS)	0,80	mm
LT	5,60	mm
LM	4,00	mm
Z	5	
VB	±500	µm
Ra	0,1	µm
Rmax	1,7	µm
Rz	1,2	µm

PERTHOMETER CONCEPT

GARANT ST1

Hoffmann Group
hoffmann-group.com

Ø62 (D)

T0	Pxx-350	350	-4
Lt		5.600	mm
Ls	GS	2.5	µm
Lc	-GS	0.800	mm
Ra		4.270	µm
Rz		14.81	µm
Rmax		● 15.56	µm

Ø68 (D)

GARANT ST1

Hoffmann Group
hoffmann-group.com

T0	Pxx-350	350	-4
Lt		5.600	mm
Ls	GS	2.5	µm
Lc	-GS	0.800	mm
Ra		0.087	µm
Rz		● 0.640	µm
Rmax		0.671	µm

GARANT ST1

Hoffmann Group
hoffmann-group.com

Ø55 (F)

T0	Pxx-350	350	-4
Lt		5.600	mm
Ls	GS	2.5	µm
Lc	-GS	0.800	mm
Ra		3.137	µm
Rz		● 12.41	µm
Rmax		12.71	µm

GARANT ST1

Hoffmann Group
hoffmann-group.com

Ø65 (F)

T0	Pxx-350	350	-4
Lt		5.600	mm
Ls	GS	2.5	µm
Lc	-GS	0.800	mm
Ra		0.114	µm
Rz		● 2.208	µm
Rmax		3.192	µm

Rt FLANCIA G

GARANT ST1

Hoffmann Group
hoffmann-group.com

T0	Pxx-350	350	-4
Lt		5.600	mm
Ls	GS	2.5	µm
Lc	-GS	0.800	mm
Ra		0.947	µm
Rz		● 5.762	µm
Rmax		6.342	µm

GARANT ST1

Hoffmann Group
hoffmann-group.com

T0	Pxx-350	350	-4
Lt		5.600	mm
Ls	GS	2.5	µm
Lc	-GS	0.800	mm
Ra		0.518	µm
Rz		● 3.233	µm
Rmax		3.473	µm

GARANT ST1

Hoffmann Group
hoffmann-group.com

FL Ø60

T0	Pxx-350	350	-4
Lt		5.600	mm
Ls	GS	2.5	µm
Lc	-GS	0.800	mm
Ra		0.571	µm
Rz		5.707	µm
Rmax		9.406	µm

PROTOCOLLO DI MISURA ZEISS UMESS

Scatola Frizione | CICLO CNC

DISEGNO No.	Indice	PROV.MAC	ZEISS	TIPO MISURA
K_TR_321___FASE1		Bz363-538	Dx ZEISS 2	TEST

OPERATORE	DATA	NUMERO PART.	PROGRAMMA	PALETTE	TIME
DiLiso	11. 3.2014	FULL LAYOUT	2.720	3 1	11: 0: 2

TEMP. PEZZO 23.76

IND	NOMI / IDF	SY	VAL ATT	VAL NOM	TOL.S	TOL.I	DEV	MAG
	#FL_G_Y	Y	-179.785	179.800	0.040	-0.040	-0.015	--
	#FL_G_PAR	t	0.009	0.080				+
	#FL_H_PLAN	t	0.022	0.050				++
	#H_PLA/100	t	0.023	0.030				++++
	#FL_E1_Y	Y	159.675	159.710	0.000	-0.060	-0.035	-
	#FL_E1_PAR	t	0.007	0.100				+
	#FL_E2_Y	Y	159.678	159.710	0.000	-0.060	-0.032	-
	#FL_E2_PAR	t	0.009	0.100				+
	#BO_K_Z	Z	56.575	56.574	0.050	-0.050	0.001	+
	#BO_K_X	X	151.319	151.310	0.050	-0.050	0.009	+
	#BO_K_D	D	12.883	12.887	0.014	-0.014	-0.004	--
	#BO_K_P	td	0.018	0.100				+
	#BO_K_PERP	td	0.006	0.040				+
	#BO_K1_D	D	11.269	11.200	0.250	-0.250	0.069	++
	#BO_K1_CON	td	0.401	0.500				++++
	#BO_M_Z	Z	-17.749	-17.751	0.050	-0.050	0.002	+
	#BO_M_X	X	-165.400	-165.423	0.050	-0.050	0.023	++
	#BO_M_D	D	12.886	12.887	0.014	-0.014	-0.001	-
	#BO_M_P	td	0.045	0.100				++
	#BO_M_PERP	td	0.003	0.040				+
	#GW_M_Z	Z	-17.714	-17.751	0.200	-0.200	0.037	+
	#GW_M_X	X	-165.452	-165.423	0.200	-0.200	-0.029	-
	#GW_M_P	td	0.094	0.400				+
	#GW_M_CON	td	0.124	0.300				++
	#GW_M_PERP	td	0.027	0.300				+
	#ANG_K/M	A1	52.362	52.363	0.100	-0.100	-0.001	-

#GW_G1_Z	|Z |	-133.732	-133.776	0.300	-0.300	0.044	+
#GW_G1_X	|X |	-99.516	-99.500	0.300	-0.300	-0.016	-
#GW_G1_P	|td|	0.093	0.600				+
#GW_G1_RET	|td|	0.049	0.200				+
#GR_G3_P	|td|	0.765	0.800	0.800			++++
#GR_G4_P	|td|	0.196	0.800	1.100			+
#GR_G5_P	|td|	0.182	0.800	0.886			+
#GR_G7_P	|td|	0.334	0.800	0.910			++
#GW_G9_Z	|Z |	-58.986	-58.916	0.300	-0.300	-0.070	-
#GW_G9_X	|X |	171.640	171.643	0.300	-0.300	-0.003	-
#GW_G9_P	|td|	0.141	0.600				+
#GW_G9_RET	|td|	0.031	0.200				+
#GW_G10_Z	|Z |	-135.102	-135.041	0.300	-0.300	-0.061	-
#GW_G10_X	|X |	128.751	128.745	0.300	-0.300	0.006	+
#GW_G10_P	|td|	0.123	0.600				+
#GW_G10_RE	|td|	0.021	0.200				+
#GW_G11_Z	|Z |	-186.913	-186.964	0.300	-0.300	0.051	+
#GW_G11_X	|X |	-39.818	-39.783	0.300	-0.300	-0.035	-
#GW_G11_P	|td|	0.123	0.600				+
#GW_G11_RE	|td|	0.017	0.200				+
#BO_G6_Z	|Z |	160.688	160.700	0.050	-0.050	-0.012	-
#BO_G6_X	|X |	125.089	125.100	0.050	-0.050	-0.011	-
#BO_G6_D	|D |	5.983	5.979	0.009	-0.009	0.004	++
#BO_G6_P	|td|	0.033	0.100				++
#BO_G6_RET	|td|	0.005	0.100				+
#BO_TR3__Z	|Z |	-136.800	-136.854	0.200	-0.200	0.054	++
#BO_TR3__X	|X |	-207.968	-207.975	0.200	-0.200	0.007	+
#BO_TR3__P	|td|	0.108	0.400				++
#FL_TR3__Y	|Y |	4.590	4.700	0.100	-0.100	-0.110	-0.010
#BO_PT0__Z	|Z |	164.522	164.658	0.200	-0.200	-0.136	---
#BO_PT0__X	|X |	115.175	115.347	0.200	-0.200	-0.172	----
#BO_PT0__P	|td|	0.439	0.400				0.039
#BO_EL___Z	|Z |	14.455	14.428	0.200	-0.200	0.027	+
#BO_EL___X	|X |	173.126	173.257	0.200	-0.200	-0.131	---
#BO_EL___P	|td|	0.269	0.400				+++
#BO_PT1__Z	|Z |	-39.136	-39.190	0.200	-0.200	0.054	++
#BO_PT1__X	|X |	-192.235	-192.153	0.200	-0.200	-0.082	--
#BO_PT1__D	|D |	7.415	7.430	0.045	-0.045	-0.015	--

#BO_PT1__P		td	0.196	0.400				++
#FL_PT1__Y		Y	-0.002	0.000	0.200	-0.200	-0.002	-
#BO_PT2__Z		Z	-95.188	-95.248	0.200	-0.200	0.060	++
#BO_PT2__X		X	-212.912	-212.844	0.200	-0.200	-0.068	--
#BO_PT2__D		D	7.417	7.430	0.045	-0.045	-0.013	--
#BO_PT2__P		td	0.182	0.400				++
#FL_PT2__Y		Y	0.001	0.000	0.200	-0.200	0.001	+
#GW_PT3__Z		Z	-50.081	-50.004	0.200	-0.200	-0.077	--
#GW_PT3__X		X	-257.347	-257.369	0.200	-0.200	0.022	+
#GW_PT3__P		td	0.159	0.400				++
#FL_PT3__Y		Y	75.383	75.500	0.200	-0.200	-0.117	---
#GW_HP1__Z		Z	-23.950	-24.000	0.200	-0.200	0.050	++
#GW_HP1__X		X	-262.082	-262.000	0.200	-0.200	-0.082	--
#GW_HP1__P		td	0.193	0.400				++
#FL_HP1__Y		Y	129.679	129.800	0.200	-0.200	-0.121	---
#GW_HP2__Z		Z	86.494	86.523	0.200	-0.200	-0.029	-
#GW_HP2__X		X	-201.194	-201.144	0.200	-0.200	-0.050	-
#GW_HP2__P		td	0.116	0.400				++
#FL_HP2__Y		Y	129.677	129.800	0.200	-0.200	-0.123	---
#ASOL_DIST		Z	10.080	10.000	0.100	-0.100	0.080	++++
#ASOL_D__Z		Z	0.003	0.000	0.050	-0.050	0.003	+
#ASOL_D__X		X	-42.446	-42.500	0.050	-0.300	0.054	0.004
#ASOL_D__D		D	10.074	10.000	0.100	-0.100	0.074	+++
#ASOL_P(M)		td	0.107	0.100	0.274			++
#BO_D72__D		D	72.087	72.100	0.050	-0.050	-0.013	--
#D72_CONC		td	0.067	0.100				+++
#LAM_P_64		X	6.799	6.550	0.150	-0.150	0.249	0.099
#LAM_P_11		Z	8.689	9.000	0.150	-0.150	-0.311	-0.161
#GW_DS1__R		R	46.039	46.000	0.150	-0.150	0.039	++
#GW_DS1_AN	X/Z	A1	161.913	162.000	0.150	-0.150	-0.087	---
#GW_DS1__P		td	0.160	0.300				+++
#GW_DS1__D		D	17.496	17.500	0.100	-0.100	-0.004	-
#CONC_17/1		td	0.042	0.200				+
#FL_DS1__Y		Y	4.063	4.000	0.100	-0.100	0.063	+++
#GW_DS2__R		R	45.976	46.000	0.150	-0.150	-0.024	-
#GW_DS2_AN	X/Z	A1	54.008	54.000	0.150	-0.150	0.008	+
#GW_DS2__P		td	0.050	0.300				+

#GW_DS2__D		D	17.494	17.500	0.100	-0.100	-0.006	-
#CONC_17/2		td	0.041	0.200				+
#FL_DS2__Y		Y	4.048	4.000	0.100	-0.100	0.048	++
#GW_DS3__R		R	45.926	46.000	0.150	-0.150	-0.074	--
#GW_DS3_AN	X/Z	A1	305.883	-54.000	0.150	-0.150	-0.117	----
#GW_DS3__P		td	0.239	0.300				++++
#GW_DS3__D		D	17.495	17.500	0.100	-0.100	-0.005	-
#CONC_17/3		td	0.072	0.200				++
#FL_DS3__Y		Y	4.069	4.000	0.100	-0.100	0.069	+++
#FL_D/G__Y		Y	161.283	161.400	0.000	-0.100	-0.117	-0.017
#GW_CA11_Z		Z	91.060	91.000	0.200	-0.200	0.060	++
#GW_CA11_X		X	-60.035	-60.000	0.200	-0.200	-0.035	-
#GW_CA11_P		td	0.138	0.400				++
#FL_CA11_Y		Y	-0.003	0.000	0.100	-0.100	-0.003	-
#GW_CA12_Z		Z	91.119	91.000	0.200	-0.200	0.119	+++
#GW_CA12_X		X	60.003	60.000	0.200	-0.200	0.003	+
#GW_CA12_P		td	0.237	0.400				+++
#FL_CA12_Y		Y	-0.006	0.000	0.100	-0.100	-0.006	-
#GW_CA13_Z		Z	123.107	123.000	0.200	-0.200	0.107	+++
#GW_CA13_X		X	-32.484	-32.500	0.200	-0.200	0.016	+
#GW_CA13_P		td	0.217	0.400				+++
#BO_CA13_Z		Z	123.006	123.000	0.050	-0.050	0.006	+
#BO_CA13_X		X	-32.536	-32.500	0.050	-0.050	-0.036	---
#BO_CA13_D		D	11.519	11.500	0.018	0.000	0.019	0.001
#BO_CA13_P		td	0.072	0.100				+++
#FL_CA13_Y		Y	4.051	4.100	0.200	-0.200	-0.049	-
#GW_CA14_Z		Z	123.115	123.000	0.200	-0.200	0.115	+++
#GW_CA14_X		X	32.491	32.500	0.200	-0.200	-0.009	-
#GW_CA14_P		td	0.230	0.400				+++
#FL_CA14_Y		Y	-0.005	0.000	0.200	-0.200	-0.005	-
#BO_CA15_Z		Z	40.981	41.000	0.050	-0.050	-0.019	--
#BO_CA15_X		X	0.002	0.000	0.050	-0.050	0.002	+
#BO_CA15_D		D	6.010	6.000	0.012	0.000	0.010	+++
#BO_CA15_P		td	0.038	0.100				++
#CA15_RET		td	0.000	0.050				+-
#GW_CA21_Z		Z	59.894	60.000	0.200	-0.200	-0.106	---
#GW_CA21_X		X	93.118	93.000	0.200	-0.200	0.118	+++

#GW_CA21_P	td	0.316	0.400				++++
#FL_CA21_Y	Y	-0.007	0.000	0.100	-0.100	-0.007	-
#GW_CA22_Z	Z	-60.142	-60.000	0.200	-0.200	-0.142	---
#GW_CA22_X	X	92.771	93.000	0.200	-0.200	-0.229	-0.029
#GW_CA22_P	td	0.539	0.400				0.139
#FL_CA22_Y	Y	-0.005	0.000	0.100	-0.100	-0.005	-
#GW_CA23_Z	Z	32.273	32.500	0.200	-0.200	-0.227	-0.027
#GW_CA23_X	X	123.037	123.000	0.200	-0.200	0.037	+
#GW_CA23_P	td	0.461	0.400				0.061
#BO_CA23_Z	Z	32.509	32.500	0.050	-0.050	0.009	+
#BO_CA23_X	X	122.993	123.000	0.050	-0.050	-0.007	-
#BO_CA23_D	D	11.518	11.500	0.018	0.000	0.018	++++
#BO_CA23_P	td	0.022	0.100				+
#FL_CA23_Y	Y	4.160	4.100	0.200	-0.200	0.060	++
#CA23_RET	td	0.005	0.050				+
#GW_CA24_Z	Z	-32.762	-32.500	0.200	-0.200	-0.262	-0.062
#GW_CA24_X	X	122.845	123.000	0.200	-0.200	-0.155	----
#GW_CA24_P	td	0.609	0.400				0.209
#FL_CA24_Y	Y	-0.006	0.000	0.200	-0.200	-0.006	-
#BO_CA25_Z	Z	-0.013	0.000	0.050	-0.050	-0.013	--
#BO_CA25_X	X	41.008	41.000	0.050	-0.050	0.008	+
#BO_CA25_D	D	6.009	6.000	0.012	0.000	0.009	++
#BO_CA25_P	td	0.030	0.100				++
#CA25_RET	td	0.016	0.050				++
#BO_J_Z	Z	146.828	146.846	0.030	-0.030	-0.018	---
#BO_J_X	X	76.160	76.161	0.030	-0.030	-0.001	-
#BO_J_D	D	10.014	10.000	0.028	0.013	0.014	----
#BO_J_P	td	0.036	0.060				+++
#BO_R_Z	Z	-175.999	-176.000	0.030	-0.030	0.001	+
#BO_R_X	X	-70.493	-70.500	0.030	-0.030	0.007	+
#BO_R_D	D	10.171	10.000	0.028	0.013	0.171	0.143
#BO_R_P	td	0.014	0.060				+
#BO_J_RET	td	0.011	0.030				++
#BO_R_RET	td	0.049	0.030				0.019
#BO_D68__D	D	67.979	68.000	-0.014	-0.033	-0.021	++
#D68_RET	td	0.003	0.030				+
#BO_D62__D	D	62.012	62.000	0.046	0.000	0.012	--
#D62_CONC	td	0.004	0.050				+

#FL_D1___Y	|Y |	-8.505	8.500	0.030	-0.030	0.005	+
#FL_D1_PAR	|t |	0.051	0.030				0.021
#FL_D2___Y	|Y |	14.758	14.750	0.080	-0.080	0.008	+
#BO_L_Z	|Z |	-70.319	-70.330	0.025	-0.025	0.011	++
#BO_L_X	|X |	-38.141	-38.127	0.025	-0.025	-0.014	---
#BO_L_D	|D |	59.961	60.000	-0.035	-0.054	-0.039	+++
#BO_L_P	|td|	0.036	0.050				+++
#BO_L_RET	|td|	0.007	0.030				+
#BO_L_2__D	|D |	55.001	55.000	0.050	-0.050	0.001	+
#FL_L_Y	|Y |	-46.849	46.800	0.100	-0.100	0.049	++
#FL_L_2_Y	|Y |	-28.220	28.300	0.100	-0.100	-0.080	----
#BO_S_Z	|Z |	15.918	15.906	0.025	-0.025	0.012	++
#BO_S_X	|X |	-94.667	-94.673	0.025	-0.025	0.006	+
#BO_S_D	|D |	59.958	60.000	-0.035	-0.054	-0.042	+
#BO_S_P	|td|	0.026	0.050				+++
#BO_S_RET	|td|	0.003	0.030				+
#BO_S_2__D	|D |	55.002	55.000	0.050	-0.050	0.002	+
#FL_S_Y	|Y |	-46.855	46.800	0.100	-0.100	0.055	+++
#FL_S_2_Y	|Y |	-28.235	28.300	0.100	-0.100	-0.065	---
#ANG1_S1	|A1|	15.020	16.500	1.000	-1.000	-1.480	-0.480
#ANG2_S1	|A2|	44.523	45.000	0.500	-0.500	-0.477	----
#S1_D	|D |	6.410	6.000	0.300	0.000	0.410	0.110
#S1_Z	|Z |	-5.504	5.000	0.100	-0.100	0.504	0.404
#BO_F_Z	|Z |	-89.599	-89.601	0.025	-0.025	0.002	+
#BO_F_X	|X |	-165.292	-165.274	0.025	-0.025	-0.018	---
#BO_F_D	|D |	65.070	65.000	0.080	0.061	0.070	+-
#BO_F_P	|td|	0.036	0.050				+++
#BO_F_RET	|td|	0.006	0.030				+
#FL_F_Y	|Y |	-107.180	107.120	0.080	-0.080	0.060	++++
#FL_F_PAR	|t |	0.023	0.030				++++
#BO_F2_D	|D |	55.024	55.000	0.046	0.000	0.024	+
#BO_F2_CON	|td|	0.015	0.050				++
#BO_F61_D	|D |	60.936	61.000	0.300	-0.300	-0.064	-
#FL_F61_Y	|Y |	-119.007	119.100	0.100	-0.100	-0.093	----
#BO_L_ROT	|t |	0.016	0.008				0.008
#BO_S_ROT	|t |	0.015	0.008				0.007

#BO_D_ROT	|t |	0.007	0.010				+++
#BO_F_ROT	|t |	0.008	0.010				++++
#BO_D_LIN	|tx|	0.004	0.006				+++
#BO_S_LIN	|tx|	0.008	0.006				0.002
#BO_L_LIN	|tx|	0.006	0.006				++++
#BO_F_LIN	|tx|	0.013	0.006				0.007
#BO_F/L_PO	|R |	128.605	128.600	0.025	-0.025	0.005	+
#BO_F/S_PO	|R |	126.972	126.950	0.025	-0.025	0.022	++++
#BO_D/S_PO	|R |	95.995	96.000	0.025	-0.025	-0.005	-
#BO_D/L_PO	|R |	79.997	80.000	0.025	-0.025	-0.003	-
#BO_D/F_PO	|R |	188.015	188.000	0.025	-0.025	0.015	+++
#GW_01___Z	|Z |	-147.694	-147.700	0.200	-0.200	0.006	+
#GW_01___X	|X |	102.924	103.000	0.200	-0.200	-0.076	--
#GW_01___P	|td|	0.152	0.400				++
#GW_02___Z	|Z |	-113.561	-113.500	0.200	-0.200	-0.061	--
#GW_02___X	|X |	146.288	146.300	0.200	-0.200	-0.012	-
#GW_02___P	|td|	0.125	0.400				++
#GW_03___Z	|Z |	-37.707	-37.600	0.200	-0.200	-0.107	---
#GW_03___X	|X |	164.068	164.100	0.200	-0.200	-0.032	-
#GW_03___P	|td|	0.224	0.400				+++
#GW_04___Z	|Z |	21.447	21.500	0.200	-0.200	-0.053	--
#GW_04___X	|X |	169.017	169.000	0.200	-0.200	0.017	+
#GW_04___P	|td|	0.111	0.400				++
#GW_05___Z	|Z |	75.961	76.000	0.200	-0.200	-0.039	-
#GW_05___X	|X |	143.493	143.500	0.200	-0.200	-0.007	-
#GW_05___P	|td|	0.078	0.400				+
#GW_06___Z	|Z |	128.850	128.900	0.200	-0.200	-0.050	-
#GW_06___X	|X |	109.780	109.800	0.200	-0.200	-0.020	-
#GW_06___P	|td|	0.107	0.400				++
#GW_07___Z	|Z |	154.174	154.200	0.200	-0.200	-0.026	-
#GW_07___X	|X |	60.018	60.000	0.200	-0.200	0.018	+
#GW_07___P	|td|	0.063	0.400				+
#GW_08___Z	|Z |	181.455	181.500	0.200	-0.200	-0.045	-
#GW_08___X	|X |	-13.093	-13.100	0.200	-0.200	0.007	+
#GW_08___P	|td|	0.092	0.400				+
#GW_09___Z	|Z |	162.491	162.500	0.200	-0.200	-0.009	-
#GW_09___X	|X |	-68.010	-68.000	0.200	-0.200	-0.010	-

#GW_09___P	td	0.027	0.400				+
#GW_10___Z	Z	138.041	138.041	0.200	-0.200	-0.000	+-
#GW_10___X	X	-113.251	-113.243	0.200	-0.200	-0.008	-
#GW_10___P	td	0.016	0.400				+
#GW_11___Z	Z	138.517	138.526	0.200	-0.200	-0.009	-
#GW_11___X	X	-166.230	-166.242	0.200	-0.200	0.012	+
#GW_11___P	td	0.030	0.400				+
#GW_12___Z	Z	86.535	86.523	0.200	-0.200	0.012	+
#GW_12___X	X	-201.156	201.144	0.200	-0.200	0.012	+
#GW_12___P	td	0.035	0.400				+
#GW_13___Z	Z	27.758	27.757	0.200	-0.200	0.001	+
#GW_13___X	X	-231.608	231.602	0.200	-0.200	0.006	+
#GW_13___P	td	0.012	0.400				+
#GW_14___Z	Z	-23.995	-24.000	0.200	-0.200	0.005	+
#GW_14___X	X	-262.004	262.000	0.200	-0.200	0.004	+
#GW_14___P	td	0.013	0.400				+
#GW_15___Z	Z	-83.595	-83.600	0.200	-0.200	0.005	+
#GW_15___X	X	-281.707	281.700	0.200	-0.200	0.007	+
#GW_15___P	td	0.016	0.400				+
#GW_16___Z	Z	-154.022	-154.000	0.200	-0.200	-0.022	-
#GW_16___X	X	-262.027	262.000	0.200	-0.200	0.027	+
#GW_16___P	td	0.069	0.400				+
#DB_17___Z	Z	-196.181	-196.200	0.400	-0.400	0.019	+
#DB_17___X	X	-212.291	212.300	0.400	-0.400	-0.009	-
#DB_17___D	D	9.279	9.000	0.300	0.000	0.279	++++
#DB_17___P	td	0.042	0.800				+
#DB_18___Z	Z	-204.763	-204.800	0.400	-0.400	0.037	+
#DB_18___X	X	-147.745	147.700	0.400	-0.400	0.045	+
#DB_18___D	D	9.282	9.000	0.300	0.000	0.282	++++
#DB_18___P	td	0.116	0.800				+
#GW_19___Z	Z	-179.808	-179.800	0.200	-0.200	-0.008	-
#GW_19___X	X	-90.613	90.500	0.200	-0.200	0.113	+++
#GW_19___P	td	0.227	0.400				+++
#GW_20___Z	Z	-158.725	-158.700	0.200	-0.200	-0.025	-
#GW_20___X	X	-31.518	31.500	0.200	-0.200	0.018	+
#GW_20___P	td	0.062	0.400				+
#GW_21___Z	Z	-152.636	-152.600	0.200	-0.200	-0.036	-
#GW_21___X	X	35.936	36.000	0.200	-0.200	-0.064	--
#GW_21___P	td	0.147	0.400				++

#BO_DG1__Z	|Z |	87.731|	87.732|	0.025|	-0.025|	-0.001|	-
#BO_DG1__X	|X |	20.202|	20.223|	0.025|	-0.025|	-0.021|	----
#BO_DG1__D	|D |	10.037|	10.000|	0.040|	0.025|	0.037|	+++
#BO_DG1__P	|td|	0.042|	0.050|	|	|	|	++++
#FL_DG1_1Y	|Y |	-2.686|	2.700|	0.050|	-0.050|	-0.014|	--
#DG1_RET	|td|	0.000|	0.050|	|	|	|	+-
#BO_DG2__Z	|Z |	62.129|	62.138|	0.025|	-0.025|	-0.009|	--
#BO_DG2__X	|X |	53.544|	53.523|	0.025|	-0.025|	0.021|	++++
#BO_DG2__D	|D |	8.035|	8.000|	0.040|	0.025|	0.035|	++
#BO_DG2__P	|td|	0.046|	0.050|	|	|	|	++++
#FL_DG2_1Y	|Y |	-2.685|	2.700|	0.050|	-0.050|	-0.015|	--
#DG2_RET	|td|	0.004|	0.050|	|	|	|	+
#BO_DG3__Z	|Z |	4.531|	4.545|	0.025|	-0.025|	-0.014|	---
#BO_DG3__X	|X |	83.801|	83.787|	0.025|	-0.025|	0.014|	+++
#BO_DG3__D	|D |	8.032|	8.000|	0.040|	0.025|	0.032|	-
#BO_DG3__P	|td|	0.039|	0.050|	|	|	|	++++
#FL_DG3_1Y	|Y |	-2.686|	2.700|	0.050|	-0.050|	-0.014|	--
#DG3_RET	|td|	0.003|	0.050|	|	|	|	+
#BO_DG4__Z	|Z |	-37.437|	-37.437|	0.025|	-0.025|	0.000|	+-
#BO_DG4__X	|X |	85.006|	84.997|	0.025|	-0.025|	0.009|	++
#BO_DG4__D	|D |	10.037|	10.000|	0.040|	0.025|	0.037|	+++
#BO_DG4__P	|td|	0.018|	0.050|	|	|	|	++
#FL_DG4_1Y	|Y |	-2.687|	2.700|	0.050|	-0.050|	-0.013|	--
#DG4_RET	|td|	0.002|	0.050|	|	|	|	+
#BO_SD1__Z	|Z |	122.742|	122.758|	0.025|	-0.025|	-0.016|	---
#BO_SD1__X	|X |	-18.896|	-18.886|	0.025|	-0.025|	-0.010|	--
#BO_SD1__D	|D |	15.990|	16.000|	0.000|	-0.018|	-0.010|	-
#BO_SD1__P	|td|	0.038|	0.050|	|	|	|	++++
#FL_SD1_1Y	|Y |	19.314|	19.300|	0.050|	-0.050|	0.014|	++
#FL_SD1_2Y	|Y |	5.973|	6.100|	0.000|	-0.200|	-0.127|	--
#SD1_RET	|td|	0.004|	0.050|	|	|	|	+
#BO_SD2__Z	|Z |	-89.543|	-89.538|	0.025|	-0.025|	-0.005|	-
#BO_SD2__X	|X |	91.458|	91.458|	0.025|	-0.025|	-0.000|	+-
#BO_SD2__D	|D |	15.987|	16.000|	0.000|	-0.018|	-0.013|	--
#BO_SD2__P	|td|	0.010|	0.050|	|	|	|	+
#FL_SD2_1Y	|Y |	29.312|	29.300|	0.050|	-0.050|	0.012|	+
#SD2_RET	|td|	0.002|	0.050|	|	|	|	+
#BO_SR2__Z	|Z |	-56.727|	-56.700|	0.050|	-0.050|	-0.027|	---
#BO_SR2__X	|X |	42.739|	42.733|	0.050|	-0.050|	0.006|	+
#BO_SR2__D	|D |	13.007|	13.000|	0.018|	0.000|	0.007|	-

#BO_SR2__P	td	0.055	0.100				+++
#FL_SR2_1Y	Y	0.405	0.500	0.250	-0.450	-0.095	+
#SR2_RET	td	0.008	0.050				+
#BO_SR3__Z	Z	64.830	64.857	0.050	-0.050	-0.027	---
#BO_SR3__X	X	-28.879	-28.887	0.050	-0.050	0.008	+
#BO_SR3__D	D	13.004	13.000	0.018	0.000	0.004	---
#BO_SR3__P	td	0.057	0.100				+++
#FL_SR3_1Y	Y	0.336	0.500	0.250	-0.450	-0.164	-
#SR3_RET	td	0.004	0.050				+
#BO_SR4__Z	Z	94.163	94.176	0.050	-0.050	-0.013	--
#BO_SR4__X	X	-70.217	-70.200	0.050	-0.050	-0.017	--
#BO_SR4__D	D	10.009	10.000	0.015	0.000	0.009	+
#BO_SR4__P	td	0.043	0.100				++
#FL_SR4_1Y	Y	13.784	14.000	0.250	-0.450	-0.216	--
#SR4_RET	td	0.005	0.050				+
#BO_SR5__Z	Z	-106.830	-106.831	0.050	-0.050	0.001	+
#BO_SR5__X	X	35.310	35.302	0.050	-0.050	0.008	+
#BO_SR5__D	D	10.008	10.000	0.015	0.000	0.008	+
#BO_SR5__P	td	0.017	0.100				+
#FL_SR5_1Y	Y	23.916	24.000	0.250	-0.450	-0.084	+
#SR5_RET	td	0.005	0.050				+
#GW_D1___Z	Z	-34.164	-34.106	0.200	-0.200	-0.058	--
#GW_D1___X	X	20.924	20.900	0.200	-0.200	0.024	+
#GW_D1___P	td	0.125	0.400				++
#GW_D2___Z	Z	-1.098	-1.047	0.200	-0.200	-0.051	--
#GW_D2___X	X	-39.985	-39.986	0.200	-0.200	0.001	+
#GW_D2___P	td	0.102	0.400				++
#GW_D3___Z	Z	33.305	33.355	0.200	-0.200	-0.050	-
#GW_D3___X	X	22.055	22.077	0.200	-0.200	-0.022	-
#GW_D3___P	td	0.109	0.400				++
#P_18H7__Z	Z	104.519	104.550	0.050	-0.050	-0.031	---
#P_18H7__X	X	-117.290	-117.257	0.050	-0.050	-0.033	---
#P_18H7__D	D	18.014	18.000	0.018	0.000	0.014	+++
#P_18H7__P	td	0.090	0.100				++++
#FL18H7__Y	Y	-49.549	49.560	0.050	-0.050	-0.011	-
#P_18H9__Z	Z	104.565	104.550	0.100	-0.100	0.015	+
#P_18H9__X	X	-117.258	-117.257	0.100	-0.100	-0.001	-
#P_18H9__D	D	18.028	18.000	0.043	0.000	0.028	++
#P_18H9__P	td	0.031	0.200				+

#BO_P1___Z	|Z |	40.988	41.011	0.050	-0.050	-0.023	--
#BO_P1___X	|X |	-196.970	-196.986	0.050	-0.050	0.016	++
#BO_P1___D	|D |	12.039	12.000	0.050	0.032	0.039	-
#BO_P1___P	|td|	0.055	0.100				+++
#FL_P1___Y	|Y |	9.348	9.340	0.050	-0.050	0.008	+
#P_21R7__D	|D |	20.975	21.000	-0.020	-0.041	-0.025	+++
#21R7_CONC	|td|	0.007	0.100				+
#BO_J/A2_Z	|Z |	147.020	146.846	0.150	-0.150	0.174	0.024
#BO_J/A2_X	|X |	76.138	76.161	0.150	-0.150	-0.023	-
#BO_J/A2_P	|td|	0.350	0.300				0.050
#BO_R/A2_Z	|Z |	-175.810	-176.000	0.150	-0.150	0.190	0.040
#BO_R/A2_X	|X |	-70.534	-70.500	0.150	-0.150	-0.034	-
#BO_R/A2_P	|td|	0.387	0.300				0.087
#BO_D/GR_Z	|Z |	0.192	0.000	0.150	-0.150	0.192	0.042
#BO_D/GR_X	|X |	-0.023	0.000	0.150	-0.150	-0.023	-
#BO_D/GR_P	|td|	0.387	0.300				0.087
#SIMM_H	|ty|	0.349	0.600				+++

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PROTOCOLLO STAMPATO DA NEW-GSSTAT IL 05/04/14 13.38.41
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PROTOCOLLO DI MISURA ZEISS UMESS

Scatola Frizione | CICLO CNC

DISEGNO No.	Indice	PROV.MAC	ZEISS	TIPO MISURA
K_TR_321___FASE2		Bz363-538	Dx ZEISS 2	TEST

OPERATORE	DATA	NUMERO PART.	PROGRAMMA	PALETTE	TIME
DiLiso	11. 3.2014	FULL LAYOUT	2.720	3 1	10:30:32

TEMP. PEZZO 23.71

IND	NOMI / IDF	SY	VAL ATT	VAL NOM	TOL.S	TOL.I	DEV	MAG
	#GW_HP2__P	td	0.118	0.400				++
	#BO_P2___Y	Y	-30.258	-30.210	0.100	-0.100	-0.048	--
	#BO_P2___Z	Z	0.010	0.000	0.100	-0.100	0.010	+
	#BO_P2___D	D	19.978	20.000	-0.007	-0.028	-0.022	--
	#BO_P2___P	td	0.098	0.200				++
	#GW_P2___Y	Y	-30.253	-30.210	0.200	-0.200	-0.043	-
	#GW_P2___Z	Z	0.026	0.000	0.200	-0.200	0.026	+
	#GW_P2___P	td	0.101	0.400				++
	#FL_P2___X	X	-93.597	93.600	0.100	-0.100	-0.003	-
	#BO_T1___Y	Y	25.960	26.000	0.200	-0.200	-0.040	-
	#BO_T1___Z	Z	0.013	0.000	0.050	-0.050	0.013	++
	#BO_T1___D	D	21.062	21.050	0.100	-0.100	0.012	+
	#BO_T1___P	td	0.085	0.100				++++
	#FL_T1___X	X	-192.843	192.853	0.100	-0.100	-0.010	-
	#GW_T3___Y	Y	0.019	0.000	0.200	-0.200	0.019	+
	#GW_T3___Z	Z	-19.019	-19.000	0.200	-0.200	-0.019	-
	#GW_T3___P	td	0.054	0.400				+
	#GW_T3_RET	td	0.007	0.300				+
	#T1_PLAN	t	0.010	0.300				+
	#GW_W1___X	X	-91.078	-91.053	0.200	-0.200	-0.025	-
	#GW_W1___Y	Y	77.964	78.000	0.200	-0.200	-0.036	-
	#GW_W1___P	td	0.087	0.400				+
	#FL_W1___Z	Z	153.227	153.224	0.200	-0.200	0.003	+
	#GW_W2___X	X	7.882	7.921	0.200	-0.200	-0.039	-
	#GW_W2___Y	Y	74.484	74.580	0.200	-0.200	-0.096	--
	#GW_W2___P	td	0.207	0.400				+++
	#FL_W2___Z	Z	172.644	172.719	0.200	-0.200	-0.075	--

#GW_W6___X	|X |	-72.978|	-73.000|	0.200|	-0.200|	0.022|	+
#GW_W6___Y	|Y |	156.753|	156.800|	0.200|	-0.200|	-0.047|	-
#GW_W6___P	|td|	0.103|	0.400|	|	|	|	++
#FL_W6___Z	|Z |	173.163|	173.000|	0.200|	-0.200|	0.163|	++++
#GW_W3___X	|X |	119.939|	119.994|	0.200|	-0.200|	-0.055|	--
#GW_W3___Y	|Y |	114.614|	114.780|	0.200|	-0.200|	-0.166|	----
#GW_W3___P	|td|	0.350|	0.400|	|	|	|	++++
#FL_W3___Z	|Z |	126.830|	126.998|	0.650|	-0.650|	-0.168|	--
#BO_V____X	|X |	-55.007|	-55.000|	0.150|	-0.150|	-0.007|	-
#BO_V____Y	|Y |	138.236|	138.300|	0.150|	-0.150|	-0.064|	--
#BO_V____D	|D |	6.017|	5.995|	0.033|	-0.033|	0.022|	+++
#BO_V____P	|td|	0.089|	0.300|	|	|	|	++
#BO_PS1__X	|X |	35.046|	35.000|	0.050|	-0.050|	0.046|	++++
#BO_PS1__Y	|Y |	-41.495|	-41.460|	0.050|	-0.050|	-0.035|	---
#BO_PS1__D	|D |	9.510|	9.500|	0.050|	-0.050|	0.010|	+
#BO_PS1__P	|td|	0.116|	0.100|	|	|	|	0.016
#BO_PS2__X	|X |	-34.951|	-35.000|	0.050|	-0.050|	0.049|	++++
#BO_PS2__Y	|Y |	-41.463|	-41.460|	0.050|	-0.050|	-0.003|	-
#BO_PS2__D	|D |	9.510|	9.500|	0.050|	-0.050|	0.010|	+
#BO_PS2__P	|td|	0.099|	0.100|	|	|	|	++++
#GW_PS1__X	|X |	35.056|	35.000|	0.200|	-0.200|	0.056|	++
#GW_PS1__Y	|Y |	-41.491|	-41.460|	0.200|	-0.200|	-0.031|	-
#GW_PS1__P	|td|	0.127|	0.400|	|	|	|	++
#GW_PS2__X	|X |	-34.954|	-35.000|	0.200|	-0.200|	0.046|	+
#GW_PS2__Y	|Y |	-41.452|	-41.460|	0.200|	-0.200|	0.008|	+
#GW_PS2__P	|td|	0.094|	0.400|	|	|	|	+
#FL_PS1__Z	|Z |	39.451|	39.500|	0.100|	-0.100|	-0.049|	--
#FL_PS2__Z	|Z |	39.516|	39.500|	0.100|	-0.100|	0.016|	+
#FL_PS_PLA	|t |	0.005|	0.030|	|	|	|	+
#FL_PS_INC	|tx|	0.014|	0.200|	|	|	|	+
#FL_PS_PAR	|t |	0.036|	0.100|	|	|	|	++
#BO_CA1__X	|X |	-0.038|	0.000|	0.130|	-0.130|	-0.038|	--
#BO_CA1__Y	|Y |	-11.616|	-11.500|	0.130|	-0.130|	-0.116|	----
#BO_CA1__D	|D |	24.124|	24.100|	0.050|	0.000|	0.024|	-
#BO_CA1__P	|td|	0.244|	0.260|	|	|	|	++++
#CA1_ROT	|t |	0.008|	0.015|	|	|	|	+++
#BO_CA1_2D	|D |	50.869|	50.900|	0.050|	-0.050|	-0.031|	---
#BO_CA1_3D	|D |	56.955|	57.000|	0.050|	-0.050|	-0.045|	----
#CA1_3_CON	|td|	0.045|	0.100|	|	|	|	++

#BO_CA16_X	X	23.440	23.405	0.100	-0.100	0.035	++
#BO_CA16_Y	Y	23.432	23.405	0.100	-0.100	0.027	++
#BO_CA16_D	D	5.504	5.500	0.100	-0.100	0.004	+
#BO_CA16_P	td	0.089	0.200				++
#CA16_RET	td	0.005	0.150				+
#BO_CA17_X	X	23.414	23.405	0.100	-0.100	0.009	+
#BO_CA17_Y	Y	-23.403	-23.405	0.100	-0.100	0.002	+
#BO_CA17_D	D	5.504	5.500	0.100	-0.100	0.004	+
#BO_CA17_P	td	0.019	0.200				+
#CA17_RET	td	0.007	0.150				+
#BO_CA18_X	X	-23.426	-23.405	0.100	-0.100	-0.021	-
#BO_CA18_Y	Y	-23.377	-23.405	0.100	-0.100	0.028	++
#BO_CA18_D	D	5.503	5.500	0.100	-0.100	0.003	+
#BO_CA18_P	td	0.069	0.200				++
#CA18_RET	td	0.005	0.150				+
#BO_CA19_X	X	-23.377	-23.405	0.100	-0.100	0.028	++
#BO_CA19_Y	Y	23.401	23.405	0.100	-0.100	-0.004	-
#BO_CA19_D	D	5.504	5.500	0.100	-0.100	0.004	+
#BO_CA19_P	td	0.056	0.200				++
#CA19_RET	td	0.018	0.150				+
#GW_CA16_X	X	23.439	23.405	0.200	-0.200	0.034	+
#GW_CA16_Y	Y	23.464	23.405	0.200	-0.200	0.059	++
#GW_CA16_P	td	0.136	0.400				++
#GW_CA17_X	X	23.433	23.405	0.200	-0.200	0.028	+
#GW_CA17_Y	Y	-23.401	-23.405	0.200	-0.200	0.004	+
#GW_CA17_P	td	0.056	0.400				+
#GW_CA18_X	X	-23.447	-23.405	0.200	-0.200	-0.042	-
#GW_CA18_Y	Y	-23.377	-23.405	0.200	-0.200	0.028	+
#GW_CA18_P	td	0.101	0.400				++
#GW_CA19_X	X	-23.374	-23.405	0.200	-0.200	0.031	+
#GW_CA19_Y	Y	23.418	23.405	0.200	-0.200	0.013	+
#GW_CA19_P	td	0.068	0.400				+
#FL_CA1_1Z	Z	195.737	195.800	0.050	-0.050	-0.063	-0.013
#FL_CA1_2Z	Z	53.035	53.000	0.100	-0.100	0.035	++
#FL_CA1PLA	t	0.001	0.050				+
#FL_CA1RET	t	0.017	0.100				+
#GW_W4___Y	Y	148.256	148.350	0.200	-0.200	-0.094	--
#GW_W4___Z	Z	75.864	75.748	0.200	-0.200	0.116	+++
#GW_W4___P	td	0.298	0.400				+++

#FL_W4___X	|X |	160.514	160.230	0.400	-0.400	0.284	+++
#BO_CA2__Y	|Y |	-11.538	-11.500	0.130	-0.130	-0.038	--
#BO_CA2__Z	|Z |	0.018	0.000	0.130	-0.130	0.018	+
#BO_CA2__D	|D |	24.125	24.100	0.050	0.000	0.025	+-
#BO_CA2__P	|td|	0.084	0.260				++
#CA2_ROT	|t |	0.007	0.015				++
#BO_CA2_2D	|D |	50.869	50.900	0.050	-0.050	-0.031	---
#BO_CA2_3D	|D |	56.955	57.000	0.050	-0.050	-0.045	----
#CA2_3_CON	|td|	0.236	0.100				0.136
#BO_CA26_Y	|Y |	23.426	23.405	0.100	-0.100	0.021	+
#BO_CA26_Z	|Z |	23.257	23.405	0.100	-0.100	-0.148	-0.048
#BO_CA26_D	|D |	5.507	5.500	0.100	-0.100	0.007	+
#BO_CA26_P	|td|	0.300	0.200				0.100
#CA26_RET	|td|	0.044	0.150				++
#BO_CA27_Y	|Y |	-23.328	-23.405	0.100	-0.100	0.077	++++
#BO_CA27_Z	|Z |	23.263	23.405	0.100	-0.100	-0.142	-0.042
#BO_CA27_D	|D |	5.506	5.500	0.100	-0.100	0.006	+
#BO_CA27_P	|td|	0.324	0.200				0.124
#CA27_RET	|td|	0.034	0.150				+
#BO_CA28_Y	|Y |	-23.340	-23.405	0.100	-0.100	0.065	+++
#BO_CA28_Z	|Z |	-23.537	-23.405	0.100	-0.100	-0.132	-0.032
#BO_CA28_D	|D |	5.507	5.500	0.100	-0.100	0.007	+
#BO_CA28_P	|td|	0.295	0.200				0.095
#CA28_RET	|td|	0.026	0.150				+
#BO_CA29_Y	|Y |	23.459	23.405	0.100	-0.100	0.054	+++
#BO_CA29_Z	|Z |	-23.544	-23.405	0.100	-0.100	-0.139	-0.039
#BO_CA29_D	|D |	5.506	5.500	0.100	-0.100	0.006	+
#BO_CA29_P	|td|	0.299	0.200				0.099
#CA29_RET	|td|	0.023	0.150				+
#GW_CA26_Y	|Y |	23.443	23.405	0.200	-0.200	0.038	+
#GW_CA26_Z	|Z |	23.302	23.405	0.200	-0.200	-0.103	---
#GW_CA26_P	|td|	0.219	0.400				+++
#GW_CA27_Y	|Y |	-23.306	-23.405	0.200	-0.200	0.099	++
#GW_CA27_Z	|Z |	23.328	23.405	0.200	-0.200	-0.077	--
#GW_CA27_P	|td|	0.251	0.400				+++
#GW_CA28_Y	|Y |	-23.323	-23.405	0.200	-0.200	0.082	++
#GW_CA28_Z	|Z |	-23.493	-23.405	0.200	-0.200	-0.088	--
#GW_CA28_P	|td|	0.240	0.400				+++
#GW_CA29_Y	|Y |	23.484	23.405	0.200	-0.200	0.079	++

#GW_CA29_Z	|Z |	-23.511	-23.405	0.200	-0.200	-0.106	---
#GW_CA29_P	|td|	0.264	0.400				+++
#FL_CA2_1X	|X |	195.830	195.800	0.050	-0.050	0.030	+++
#FL_CA2_2X	|X |	53.072	53.000	0.100	-0.100	0.072	+++
#FL_CA2PLA	|t |	0.004	0.050				+
#FL_CA2RET	|t |	0.126	0.100				0.026
#GW_TR1__X	|X |	-247.721	-247.709	0.200	-0.200	-0.012	-
#GW_TR1__Y	|Y |	16.349	16.400	0.200	-0.200	-0.051	--
#GW_TR1__P	|td|	0.105	0.400				++
#FL_TR1__Z	|Z |	-143.141	143.020	0.100	-0.100	0.121	0.021
#GW_TR2__X	|X |	-147.667	-147.705	0.200	-0.200	0.038	+
#GW_TR2__Y	|Y |	16.331	16.400	0.200	-0.200	-0.069	--
#GW_TR2__P	|td|	0.158	0.400				++
#FL_TR2__Z	|Z |	-154.301	154.270	0.100	-0.100	0.031	++
#ALT_Z1__Z	|Z |	4.165	4.000	0.800	-0.800	0.165	+
#CONO_Z1_X	|X |	-264.690	-264.750	0.150	-0.150	0.060	++
#CONO_Z1_Y	|Y |	72.048	72.000	0.150	-0.150	0.048	++
#ANG_Z1	|AC|	60.019	60.000	0.100	-0.100	0.019	+
#CONO_Z1_Z	|Z |	145.166	144.911	0.150	-0.150	0.255	0.105
#ALT_Z2__Z	|Z |	4.399	4.000	0.800	-0.800	0.399	++
#CONO_Z2_X	|X |	78.322	78.350	0.150	-0.150	-0.028	-
#CONO_Z2_Y	|Y |	55.415	55.500	0.150	-0.150	-0.085	---
#ANG_Z2	|AC|	60.180	60.000	0.100	-0.100	0.180	0.080
#CONO_Z2_Z	|Z |	171.111	171.110	0.150	-0.150	0.001	+
#ALT_Z3__Z	|Z |	4.097	4.000	0.800	-0.800	0.097	+
#CONO_Z3_X	|X |	-122.864	-122.820	0.150	-0.150	-0.044	--
#CONO_Z3_Y	|Y |	92.766	92.800	0.150	-0.150	-0.034	-
#ANG_Z3	|AC|	60.062	60.000	0.100	-0.100	0.062	+++
#CONO_Z3_Z	|Z |	161.811	161.732	0.150	-0.150	0.079	+++
#Z3/Z2___X	|X |	-201.195	201.170	0.050	-0.050	0.025	++
#Z3/Z2___Y	|Y |	37.368	37.300	0.050	-0.050	0.068	0.018
#Z3/Z2___P	|td|	0.124	0.100				0.024
#Z3/Z2___Z	|Z |	9.301	9.378	0.050	-0.050	0.077	0.027
#GW_U_M18X	|X |	-176.195	-176.187	0.200	-0.200	-0.008	-
#GW_U_M18Y	|Y |	-22.981	-23.000	0.200	-0.200	0.019	+
#GW_U_M18P	|td|	0.041	0.400				+

#FL_U_M18Z	Z	-145.421	121.364	0.200	-0.200	24.057	23.857
#FL_U_PLAN	t	0.021	0.030				+++

****
PROTOCOLLO STAMPATO DA NEW-GSSTAT IL 05/04/14 13.39.55
****

PROTOCOLLO DI MISURA ZEISS UMESS

Scatola Frizione | CICLO CNC

DISEGNO No.	Indice	PROV.MAC	ZEISS	TIPO MISURA
K_TR_321___FASE1		Bz -	Cx ZEISS 1	TEST

OPERATORE	DATA	NUMERO PART.	PROGRAMMA	PALETTE	TIME
Santorsola	8. 4.2014	FULL LAYOUT			19:19:23

TEMP. PEZZO 22.75

IND	NOMI / IDF	SY	VAL ATT	VAL NOM	TOL.S	TOL.I	DEV	MAG
	#GW_U_M18X	X	-176.194	-176.187	0.200	-0.200	-0.007	-
	#GW_U_M18Y	Y	-22.978	-23.000	0.200	-0.200	0.022	+
	#GW_U_M18P	td	0.045	0.400				+
	#FL_U_M18Z	Z	-121.477	X 121.364	0.200	-0.200	0.113	+++
	#FL_U_PLAN	t	0.016	0.030				+++

PROTOCOLLO STAMPATO DA NEW-GSSTAT IL 08/04/14 20.08.07

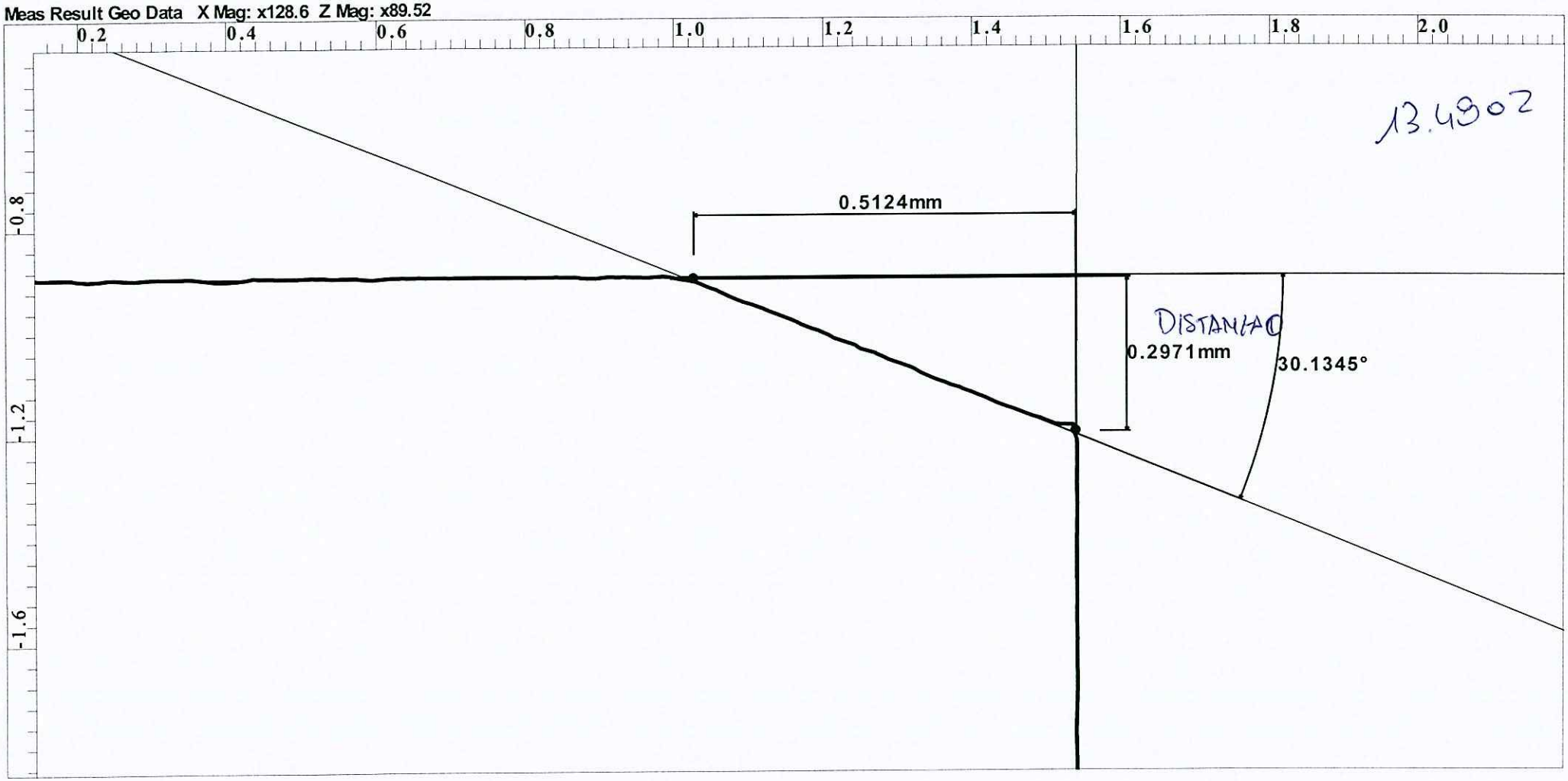
Foro OD

FULL LAYOUT
FORO M

D'ELIA

14/05/12 11:38:20

Meas Result Geo Data X Mag: x128.6 Z Mag: x89.52

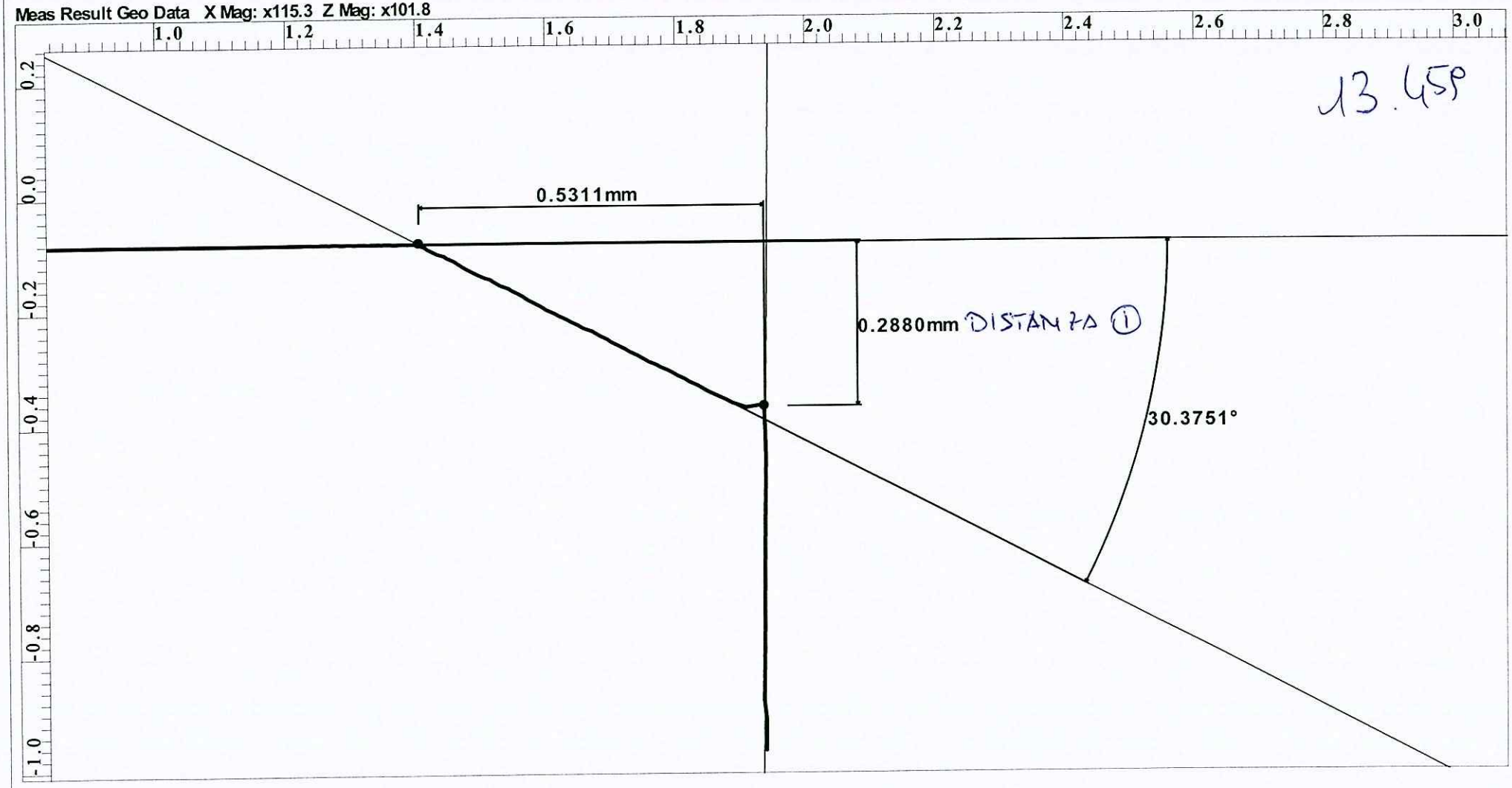


FULL LAYOUT
FORO K

D'ELIA

14/05/12 11:36:38

Meas Result Geo Data X Mag: x115.3 Z Mag: x101.8



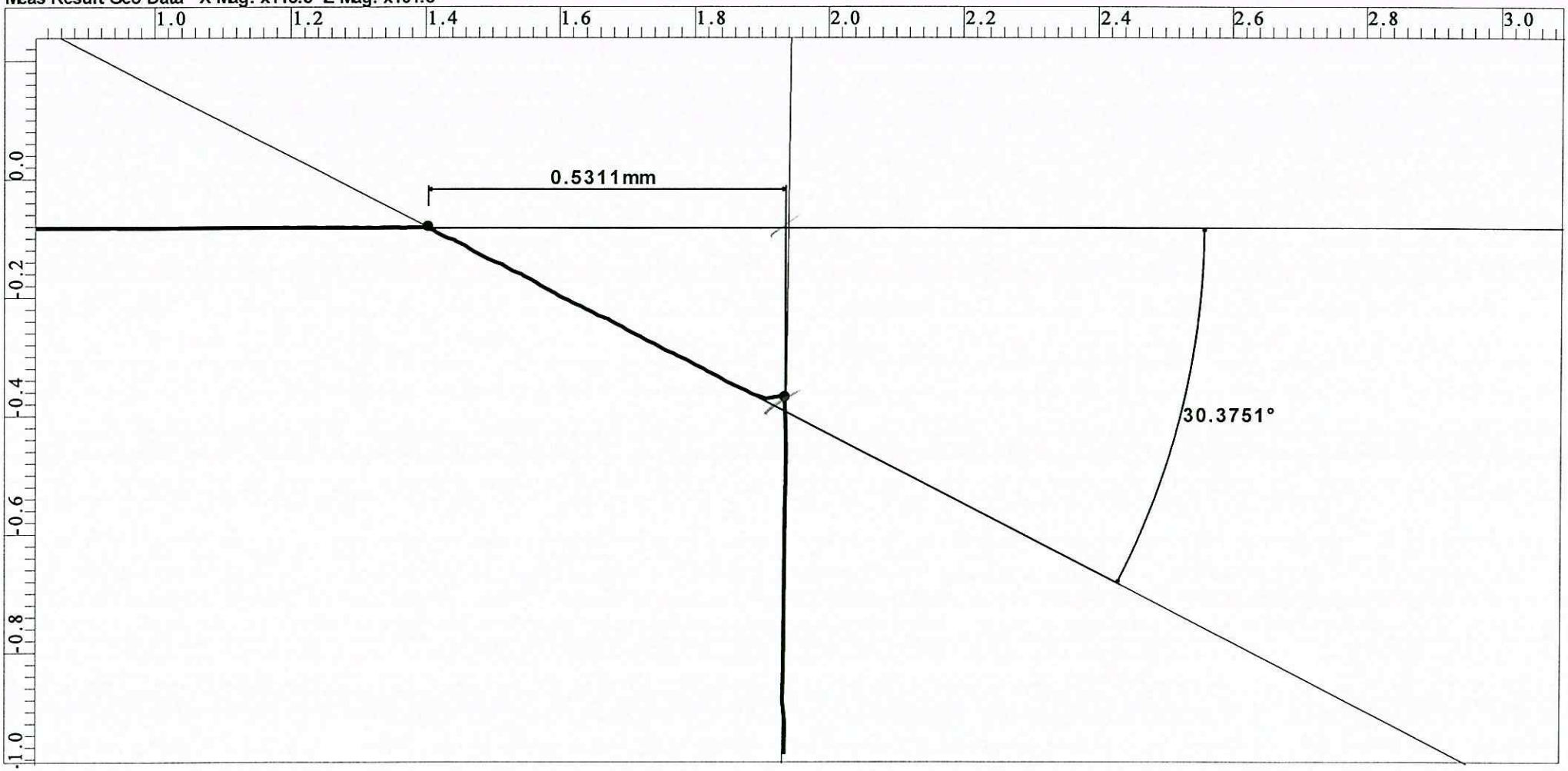
FULL LAYOUT
CH 3321.00
ANGOLO FORO K

14/03/27 11:48:10

D'ELIA L.

INS

Meas Result Geo Data X Mag: x115.3 Z Mag: x101.8



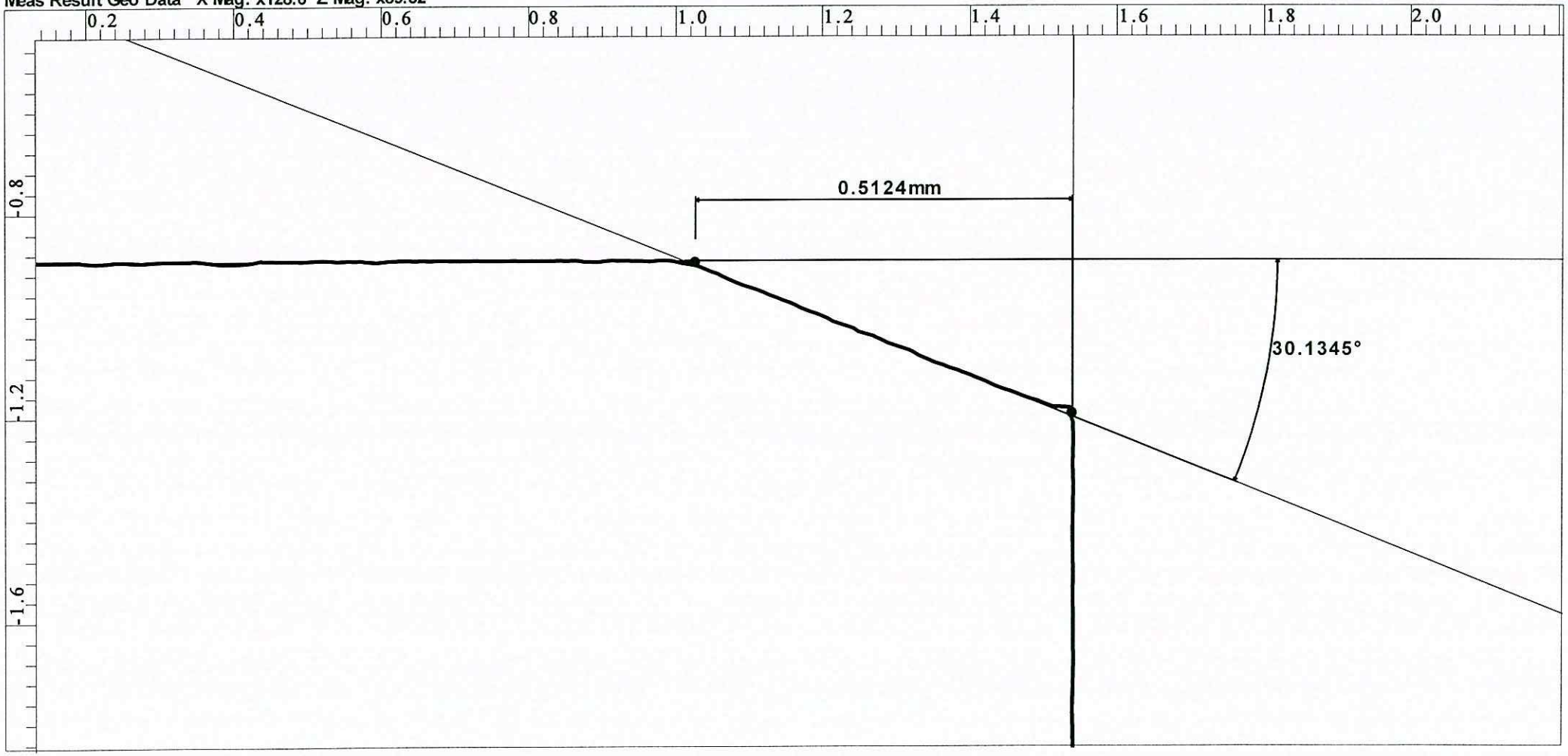
FULL LAYOUT
CH 3321.00
ANGOLO FORO M

D'ELIA L.

14/03/27 11:35:38

INS

Meas Result Geo Data X Mag: x128.6 Z Mag: x89.52



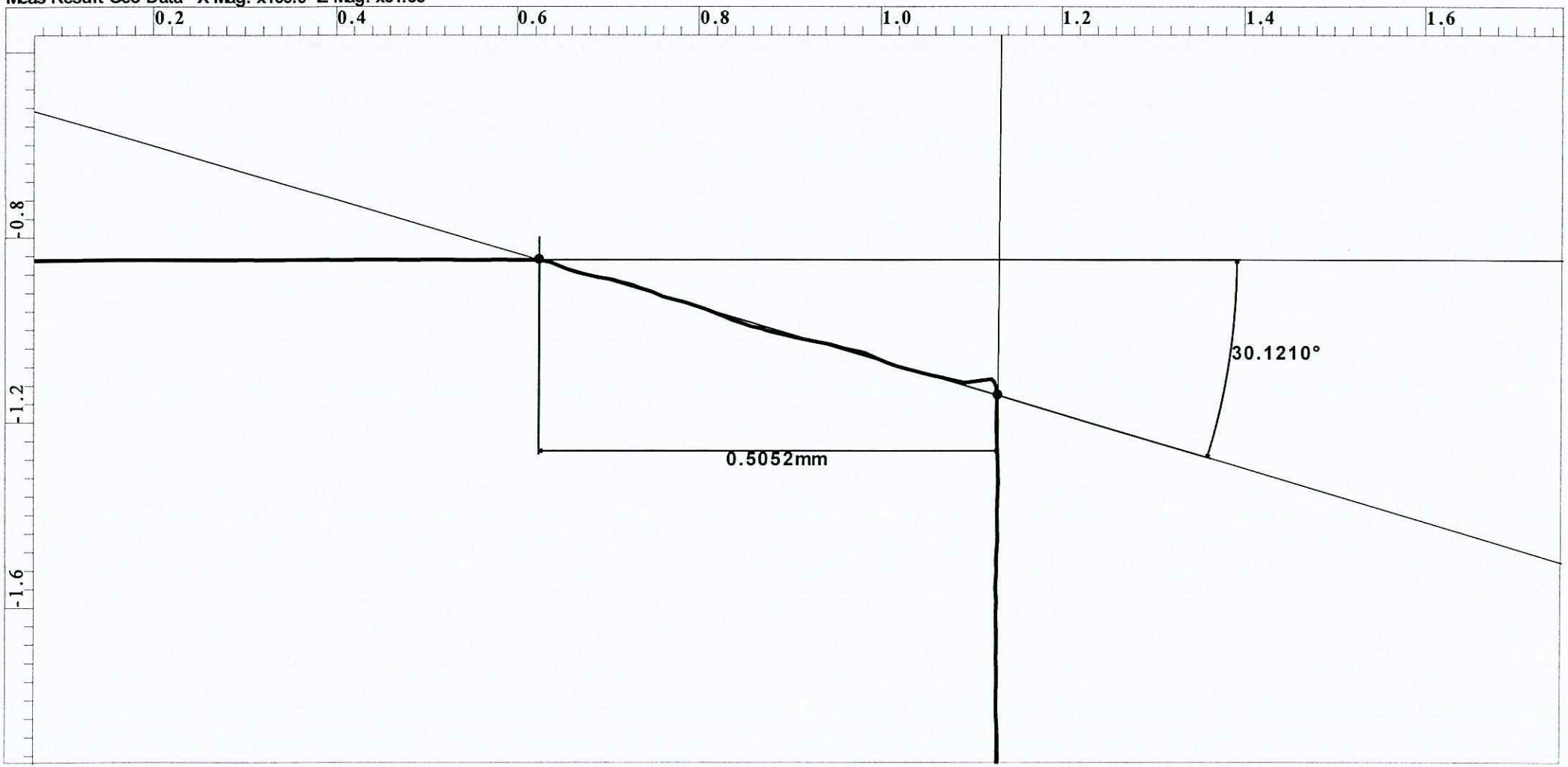
FULL LAYOUT
CH 3321.00
FORO CA25

INS

14/04/03 11:58:08

D'ELIA L.

Meas Result Geo Data X Mag: x159.9 Z Mag: x81.55



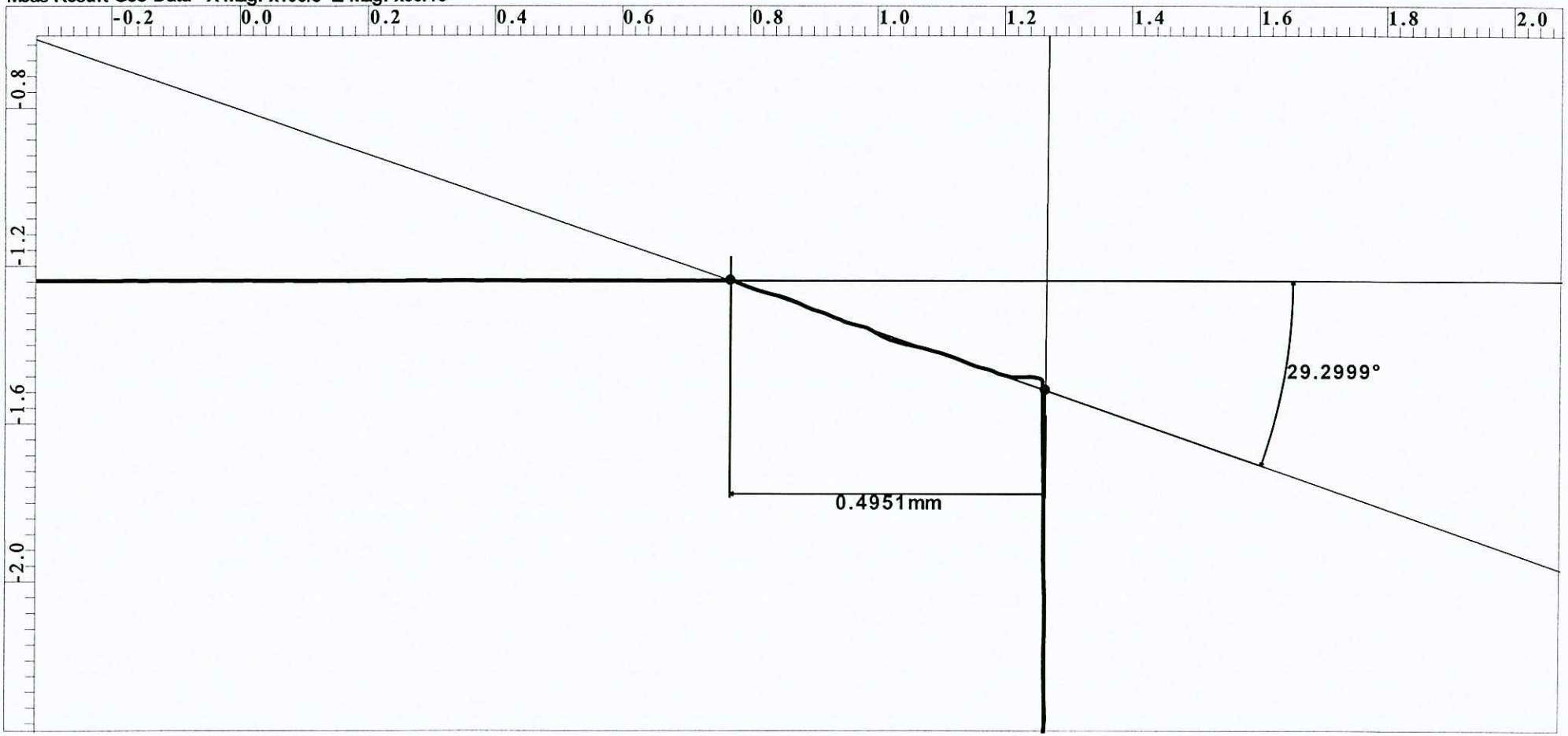
INS

FULL LAYOUT
CH 3321.00
FORO CA15

14/04/03 11:51:10

D'ELIA L.

Meas Result Geo Data X Mag: x106.8 Z Mag: x66.16



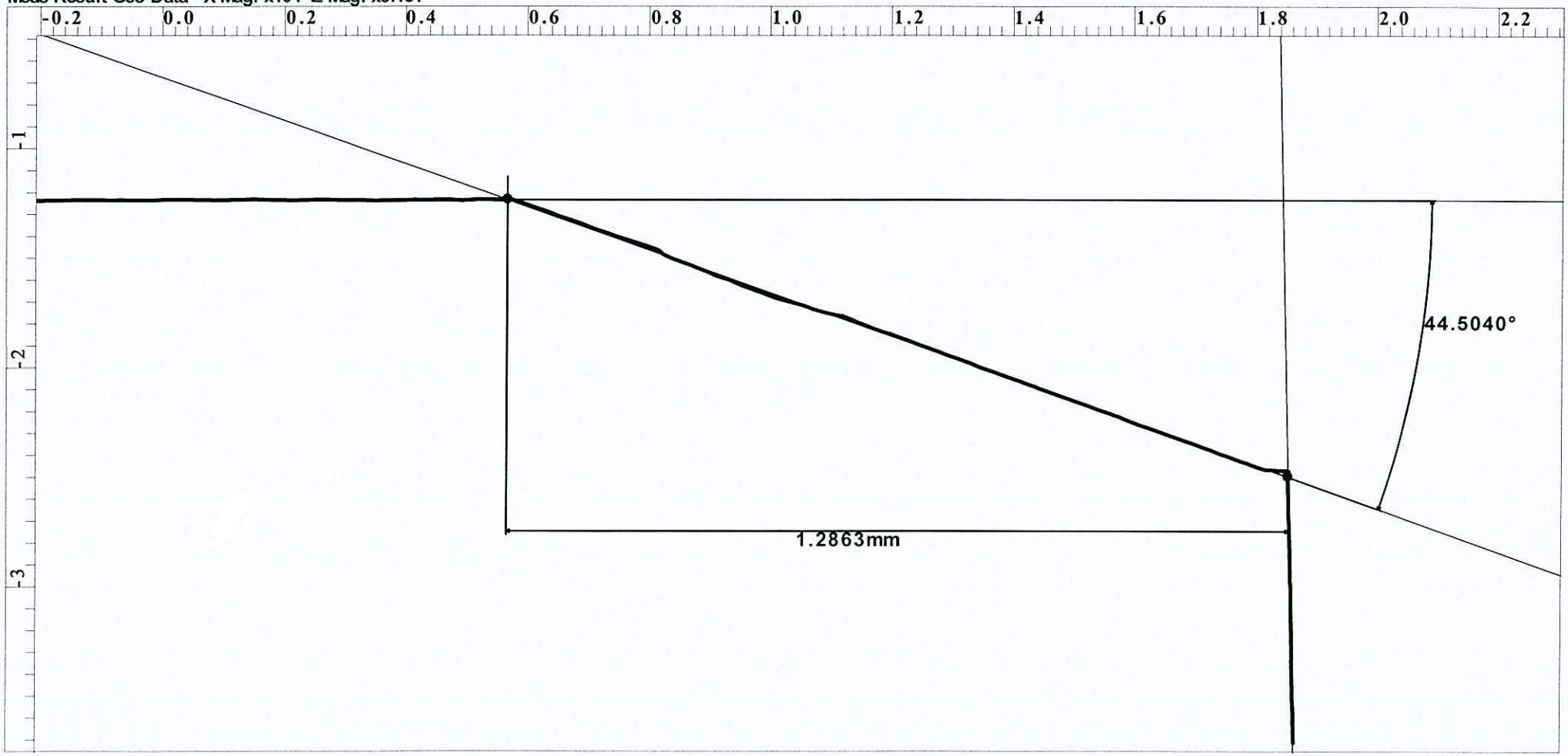
iNS

FULL LAYOUT
CH3321.00
SMUSSO FORO GTS3

D'ELIA L

14/04/03 11:00:15

Meas Result Geo Data X Mag: x104 Z Mag: x37.51



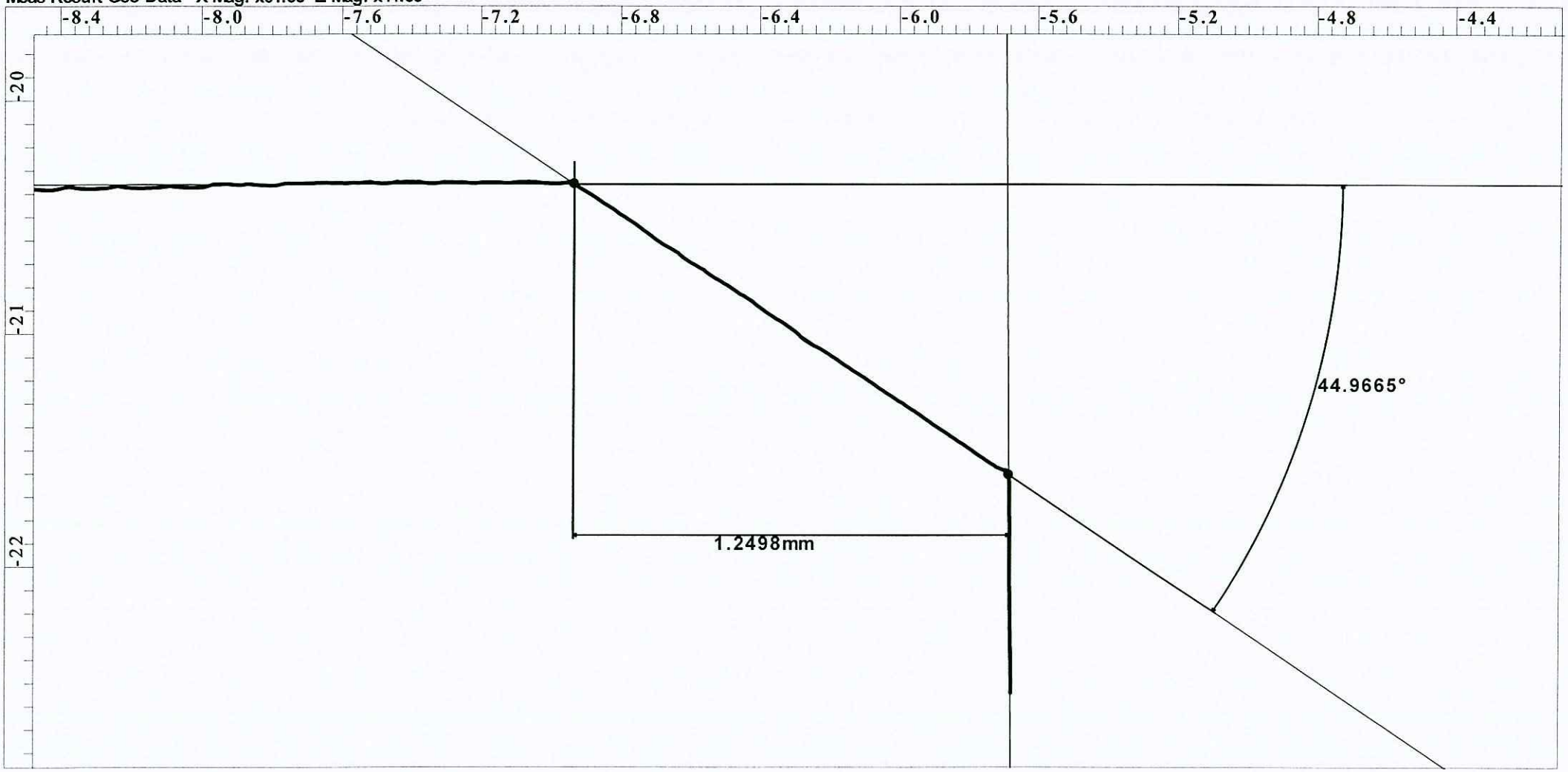
14S

FULL LAYOUT
CH3321.00
SMUSSO FORO GTS2

14/04/03 11:18:20

D'ELIA L

Meas Result Geo Data X Mag: x61.88 Z Mag: x41.39



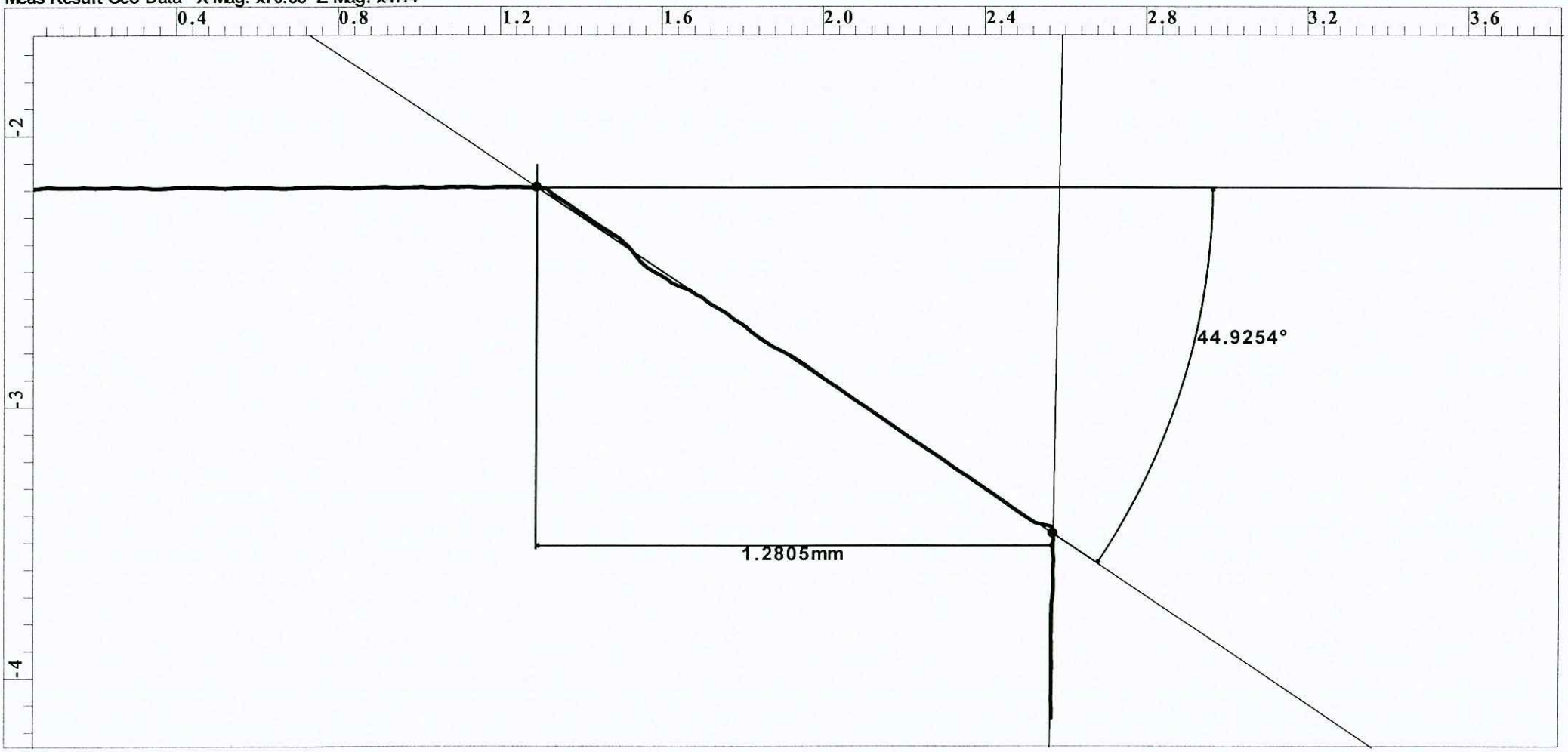
MS

FULL LAYOUT
CH3321.00
SMUSSO FORO GTS1

14/04/03 11:08:47

D'ELIA L

Meas Result Geo Data X Mag: x70.58 Z Mag: x47.4

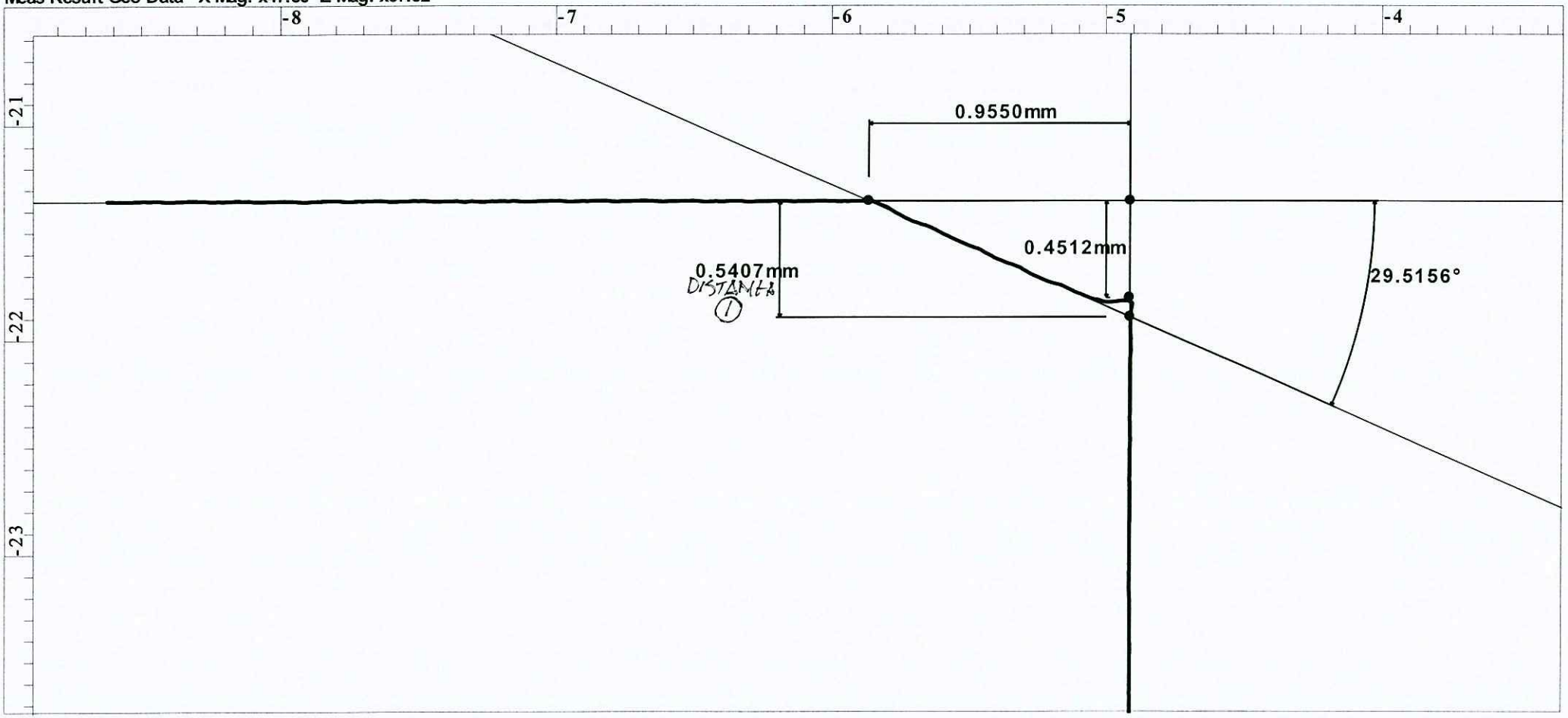


FULL LAYOUT
CH 3321.00
FORO T1

14/04/03 12:20:32

D'ELIA L.

Meas Result Geo Data X Mag: x47.89 Z Mag: x37.32

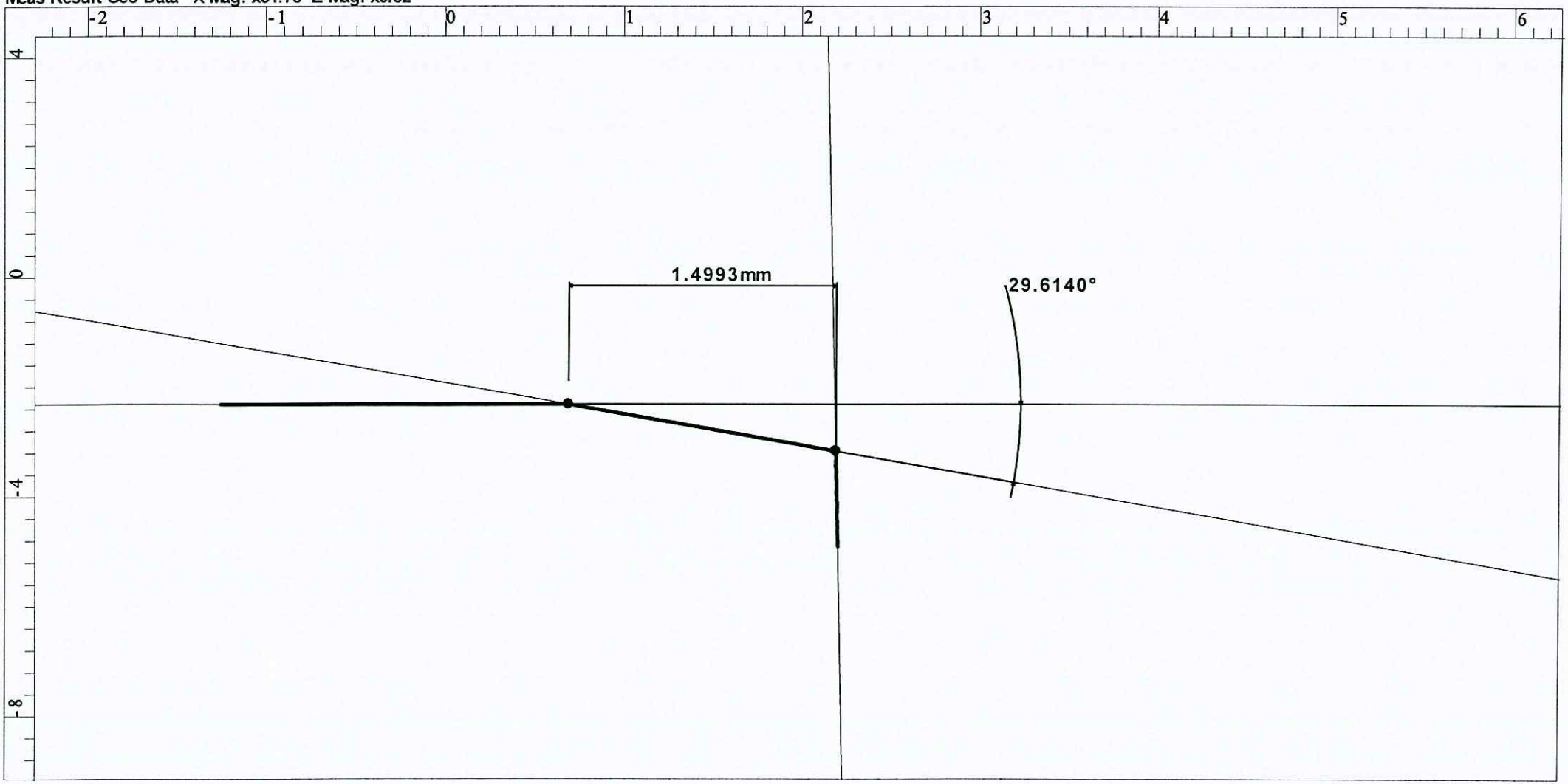


FULL LAYOUT
CH3321.00
CA2 SMUSSO Ø24.1

D'ELIA L.

14/03/29 13:21:06

Meas Result Geo Data X Mag: x31.78 Z Mag: x9.82

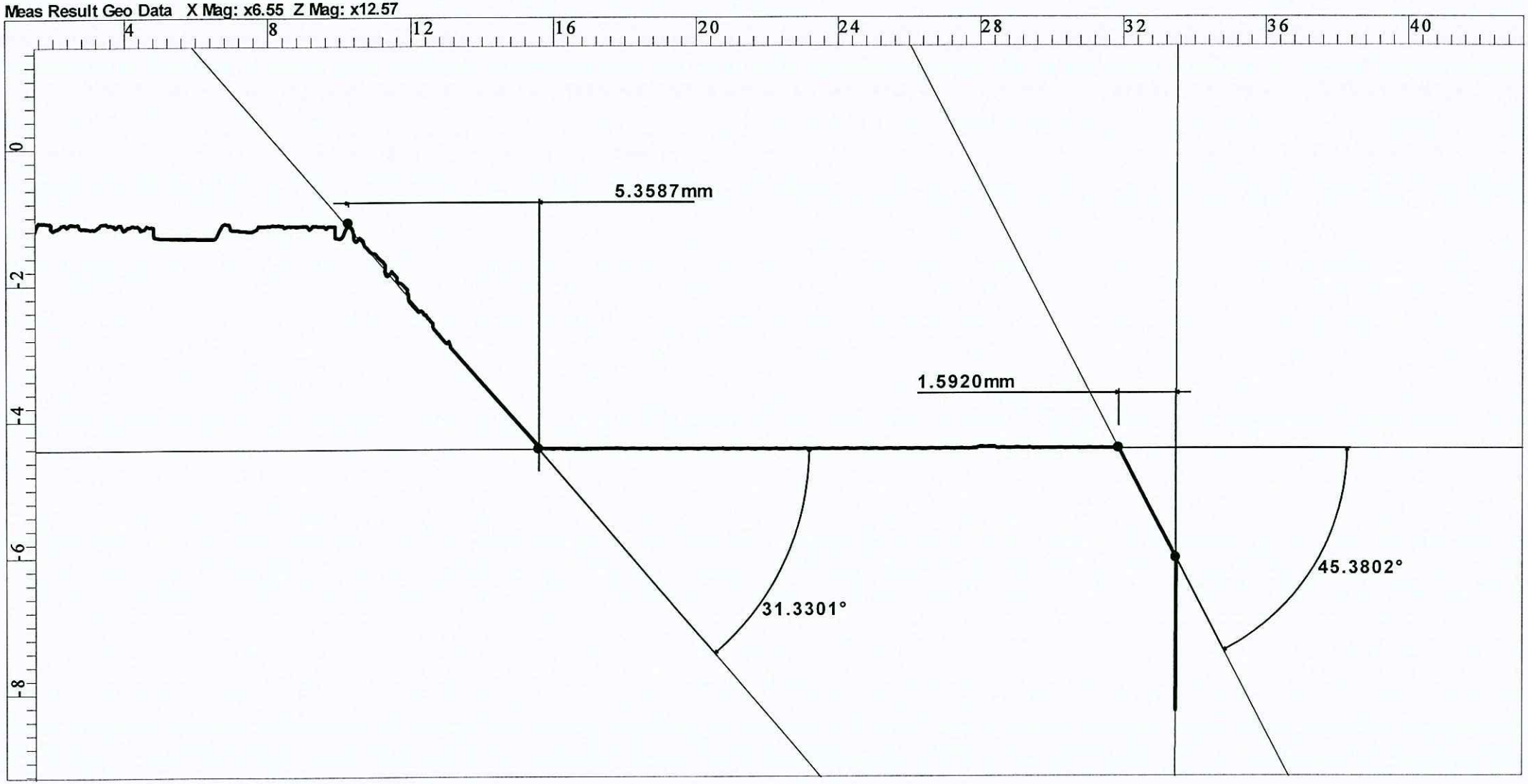


FULL LAYOUT
CH3321.00
CA2 SMUSSI

14/03/29 13:32:51

D'ELIA L.

Meas Result Geo Data X Mag: x6.55 Z Mag: x12.57

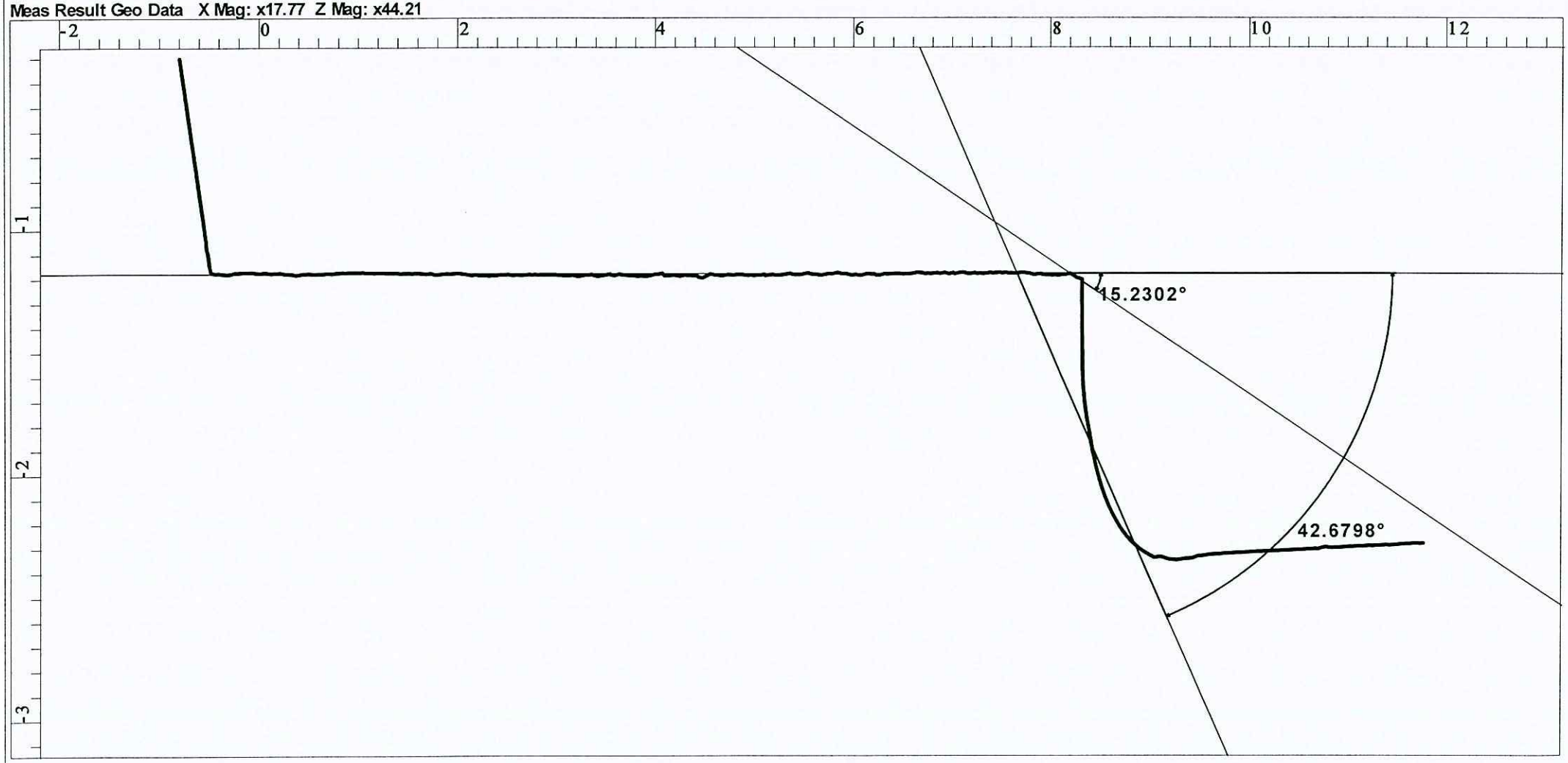


FULL LAYOUT
CH3321.00
SMUSSO 45° SD2

14/03/29 13:00:01

D'ELIA L.

Meas Result Geo Data X Mag: x17.77 Z Mag: x44.21



FULL LAYOUT
CH3321.00
SMUSSO 45° SD1

14/03/29 13:04:11

D'ELIA L.

IMS

Meas Result Geo Data X Mag: x19.82 Z Mag: x92.48

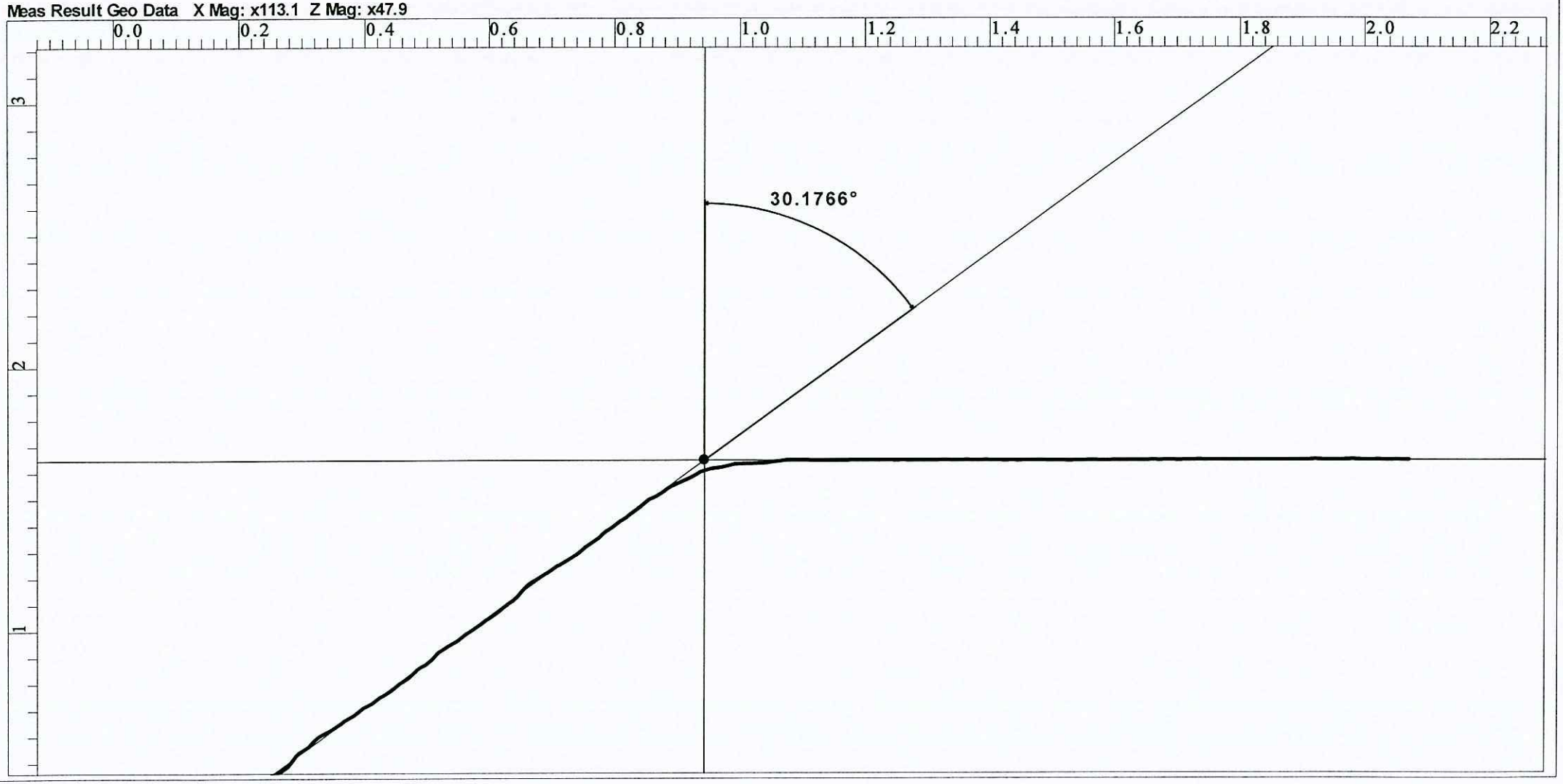
FULL LAYOUT
CH 3321.00
SMUSSO FORO OD

14/03/29 11:46:31

D'ELIA L.

NJ

Meas Result Geo Data X Mag: x113.1 Z Mag: x47.9

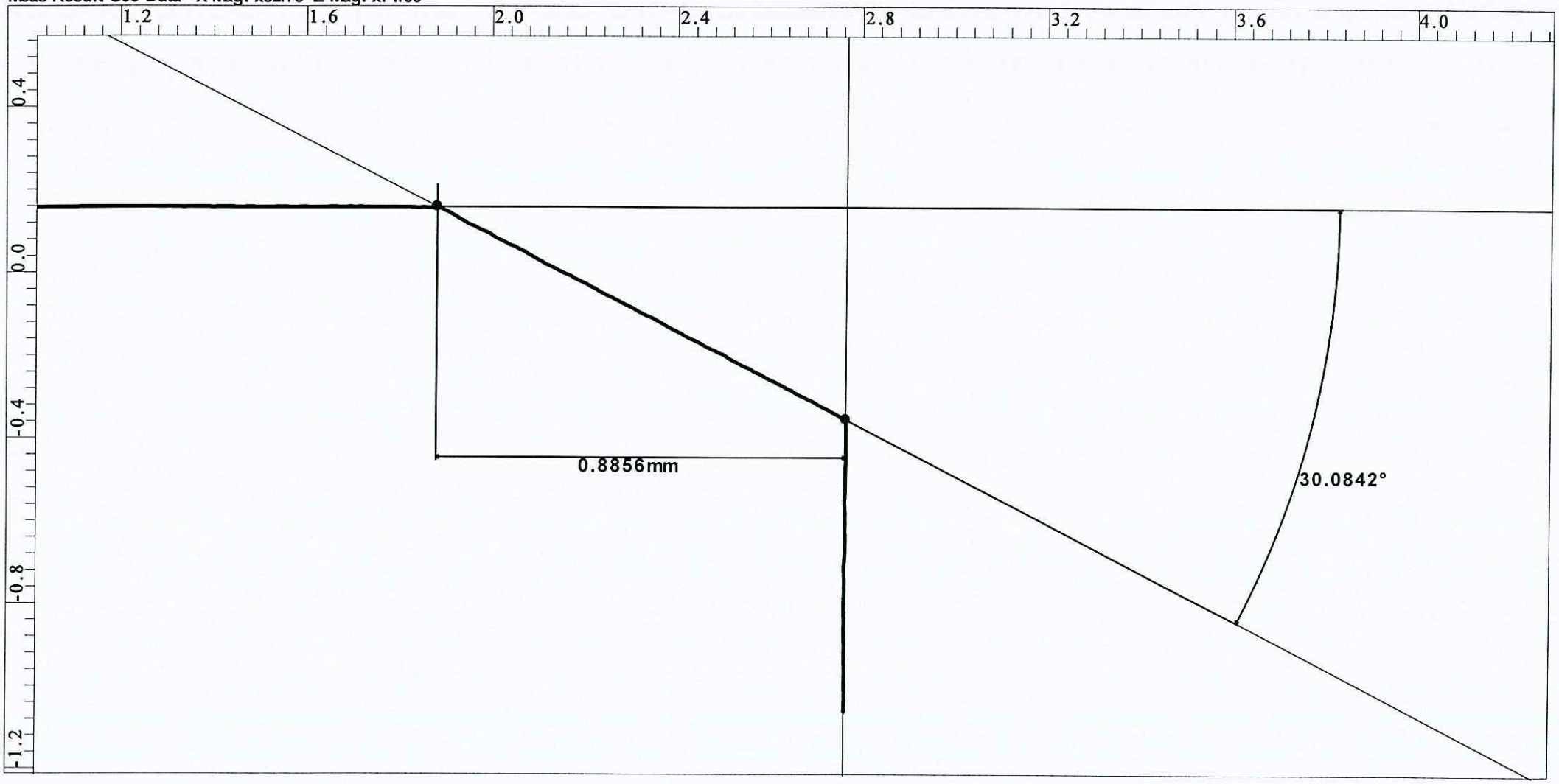


FULL LAYOUT
CH 3321.00
SMUSSO FORO P1

D'ELIA L.

14/03/29 11:09:06

Meas Result Geo Data X Mag: x82.75 Z Mag: x74.06



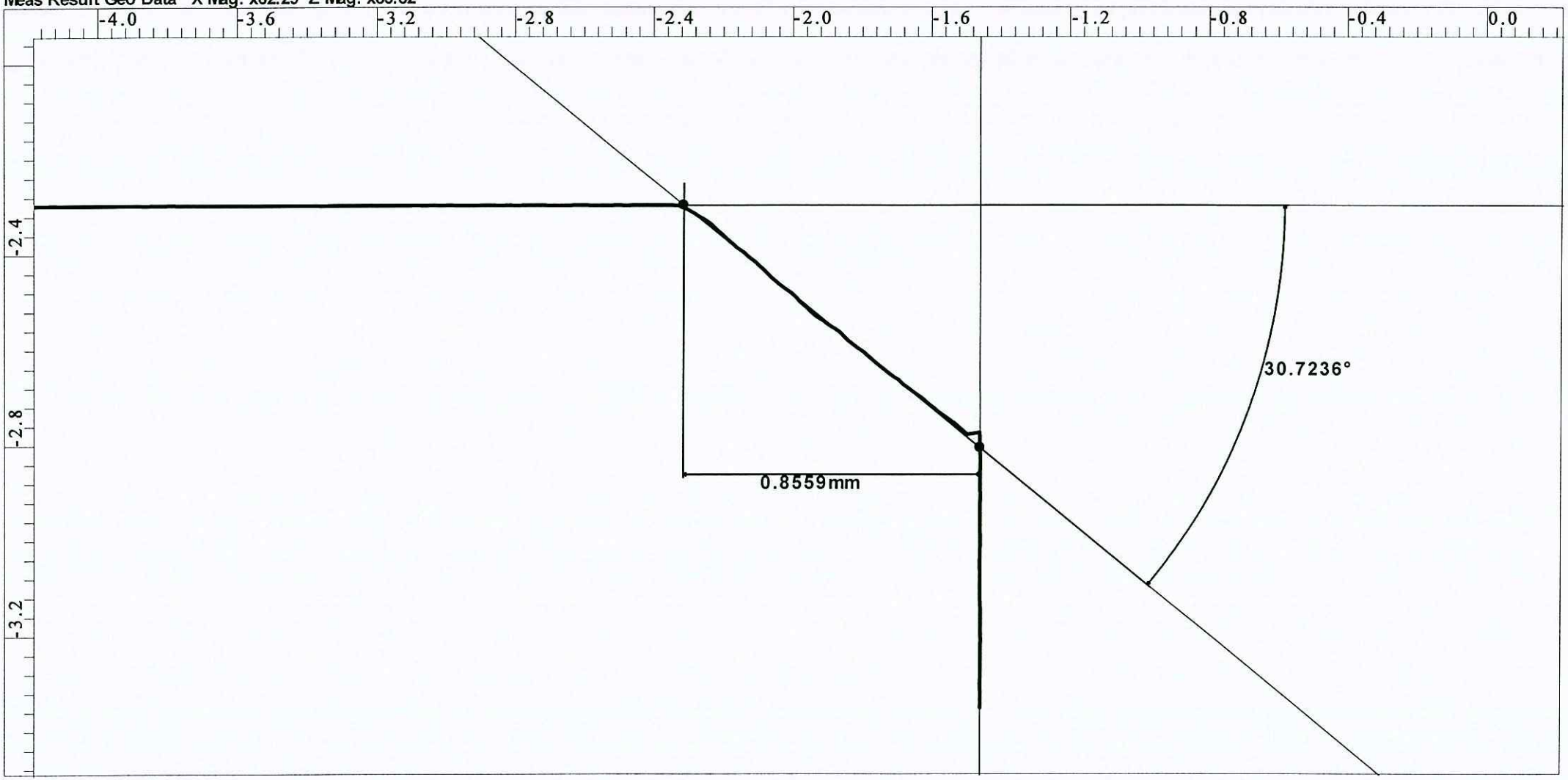
1XLS

FULL LAYOUT
CH 3321.00
SMUSSO FORO G6

14/03/29 11:32:44

D'ELIA L.

Meas Result Geo Data X Mag: x62.29 Z Mag: x85.82



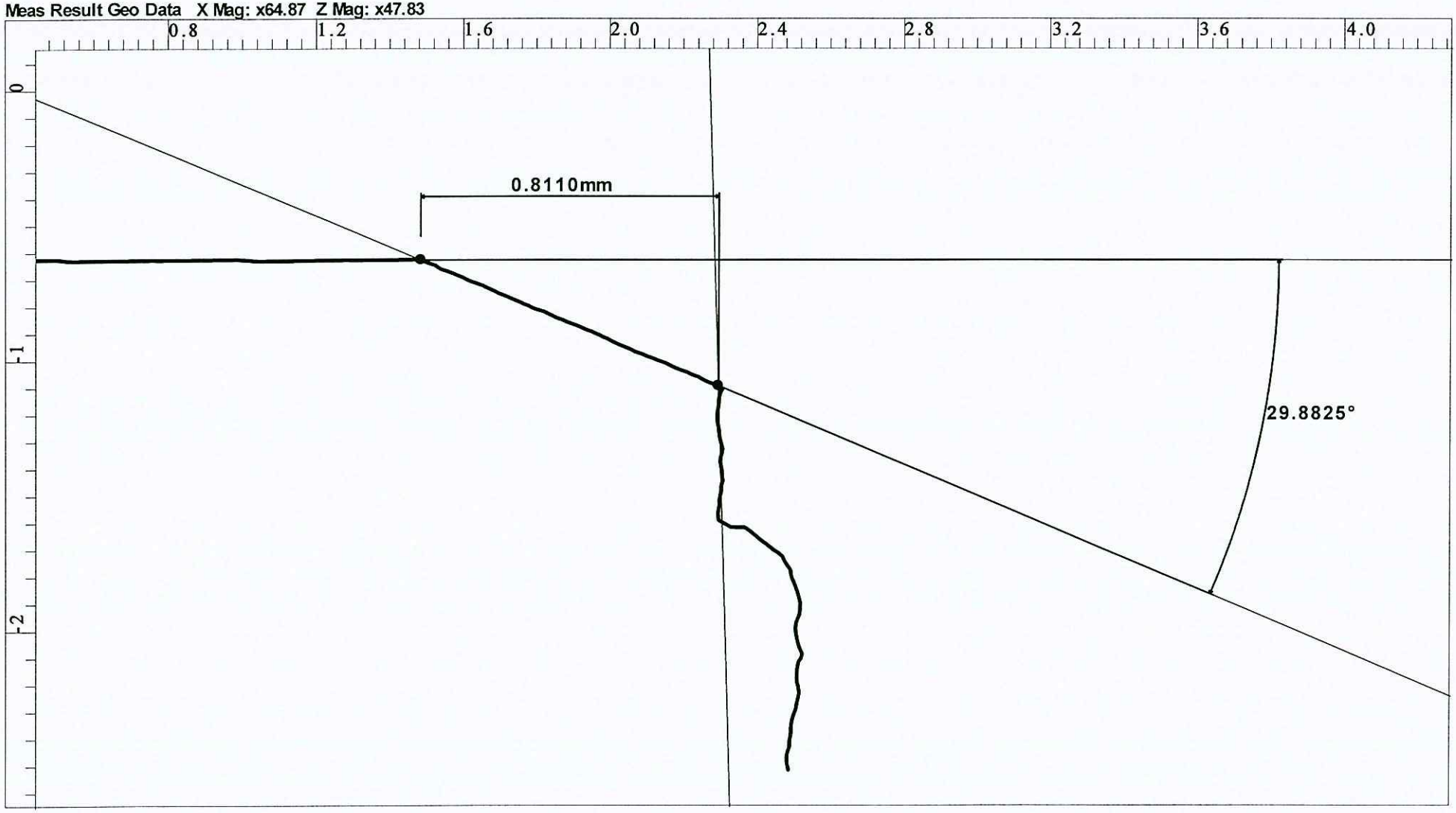
1/45

FULL LAYOUT
CH3321.00
SMUSSO FORO SR5_1

14/03/28 09:24:41

D'ELIA L.

Meas Result Geo Data X Mag: x64.87 Z Mag: x47.83



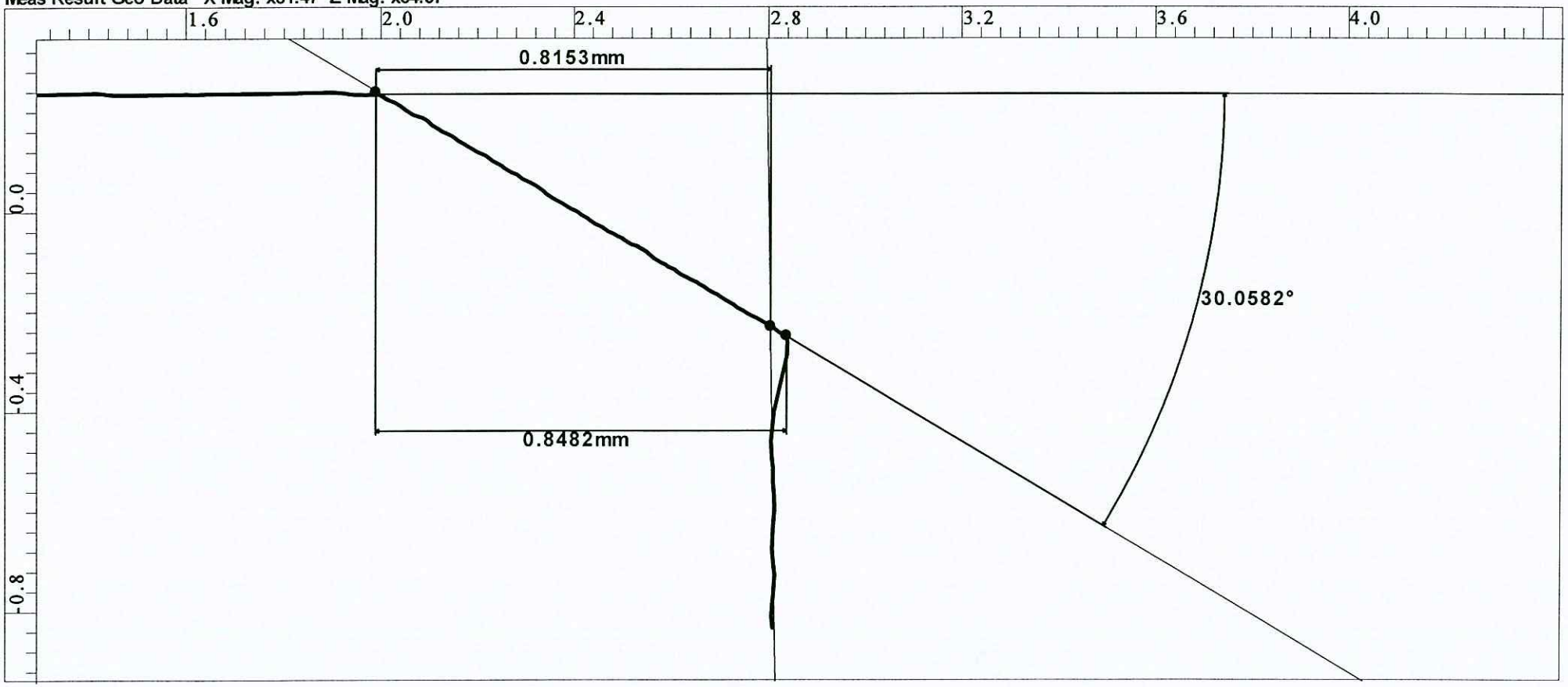
1/15

FULL LAYOUT
CH 3321.00
SMUSSO FORO SR4_1

D'ELIA L.

14/03/29 09:16:06

Meas Result Geo Data X Mag: x81.47 Z Mag: x84.37



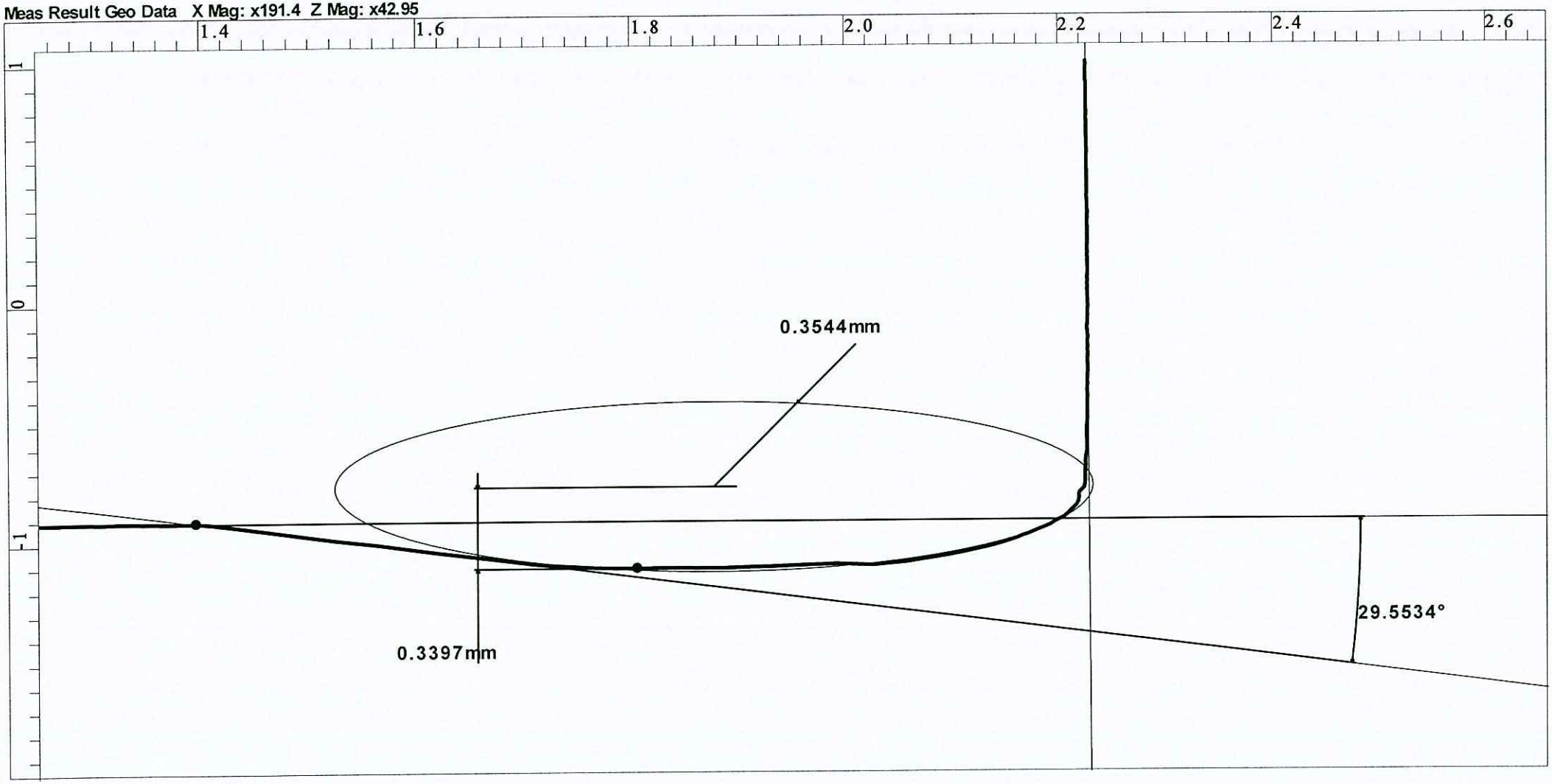
1/45

FULL LAYOUT
CH3321.00
FORO F1

14/03/28 12:34:32

D'ELIA L.

Meas Result Geo Data X Mag: x191.4 Z Mag: x42.95

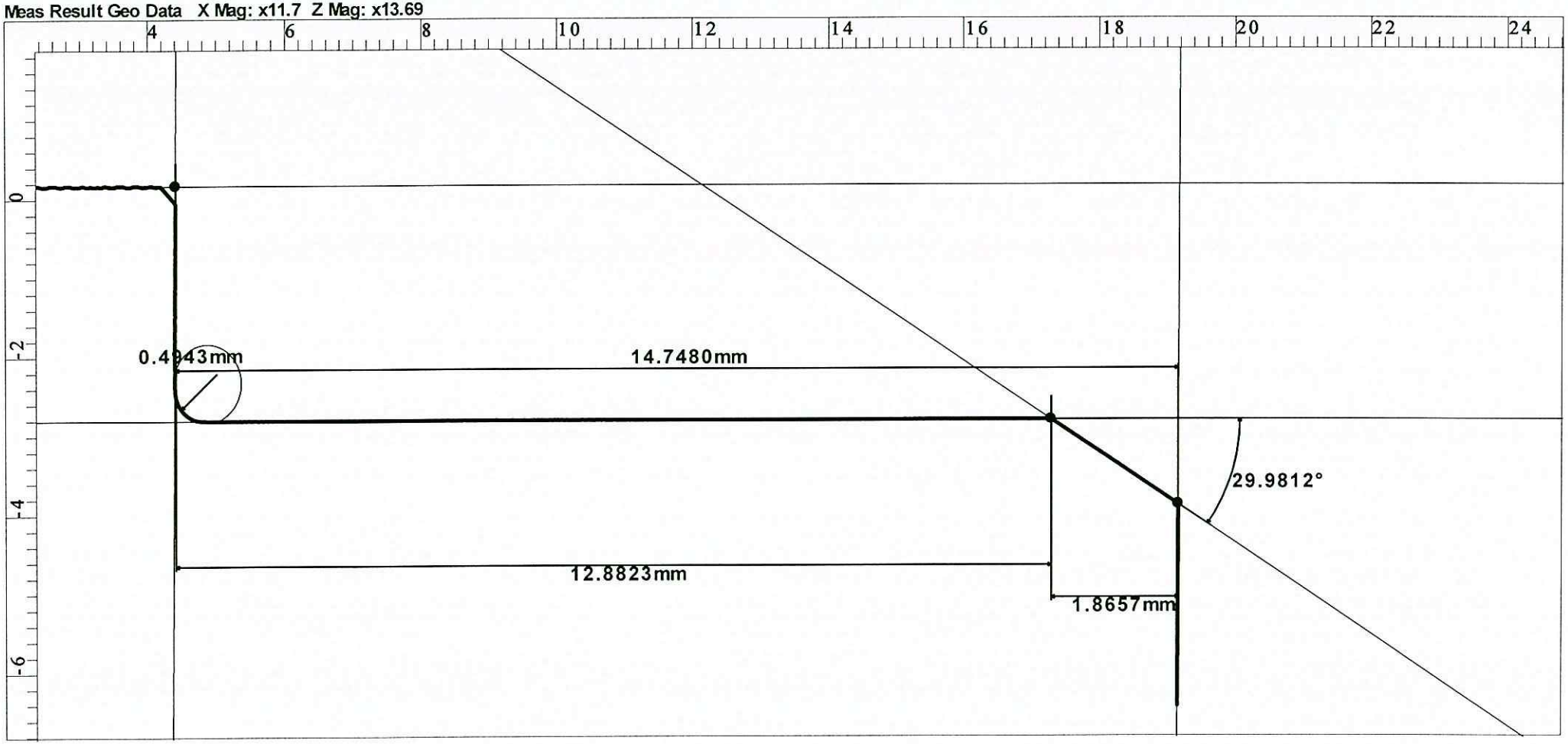


INS

full layout CH 3321
- FORO D lato H

14/03/15 10:55:53

Meas Result Geo Data X Mag: x11.7 Z Mag: x13.69



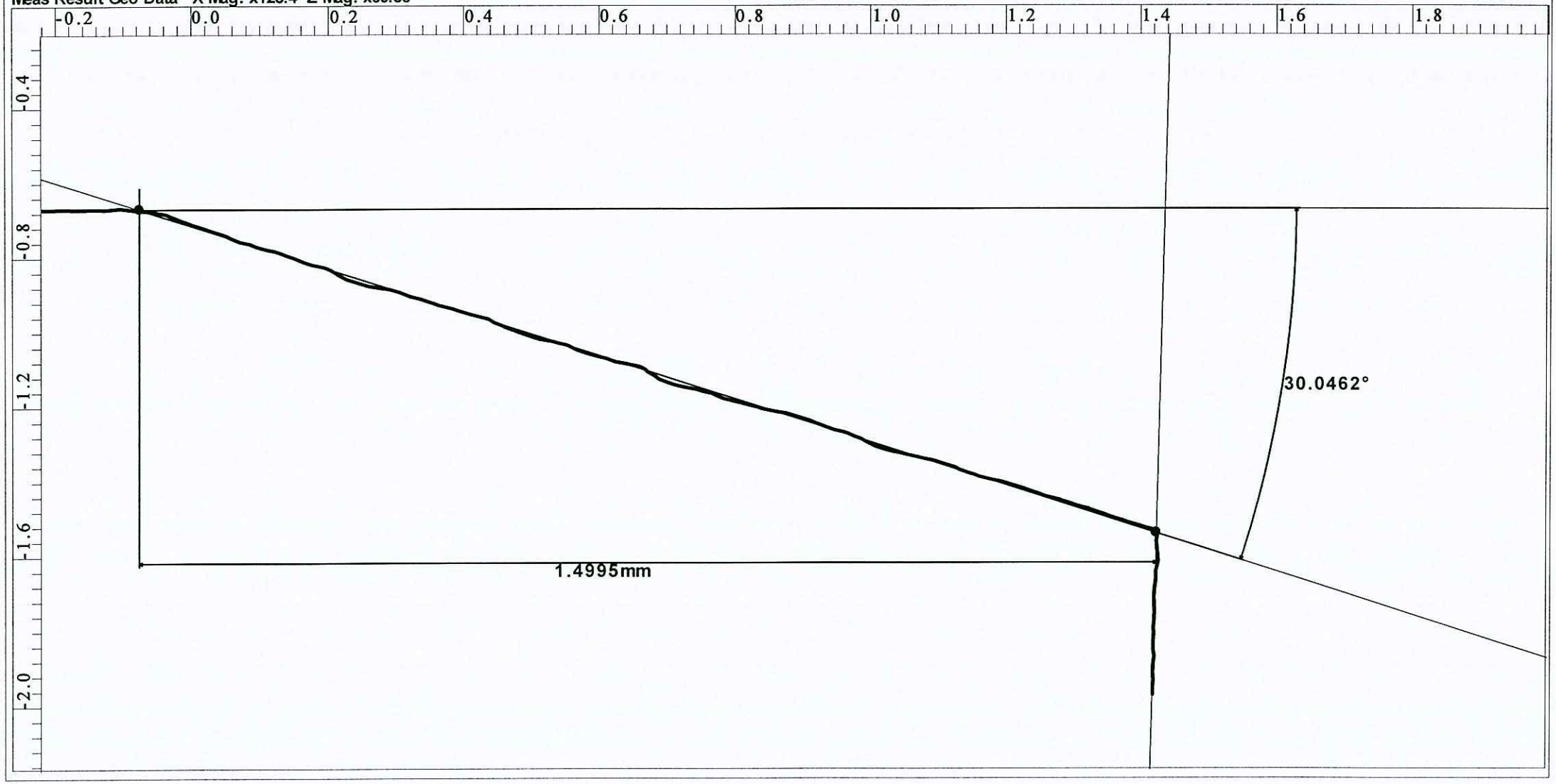
FULL LAYOUT
CH 3321.00
SMUSSO FORO V

INS

14/03/29 09:46:32

D'ELIA L.

Meas Result Geo Data X Mag: x125.4 Z Mag: x69.38



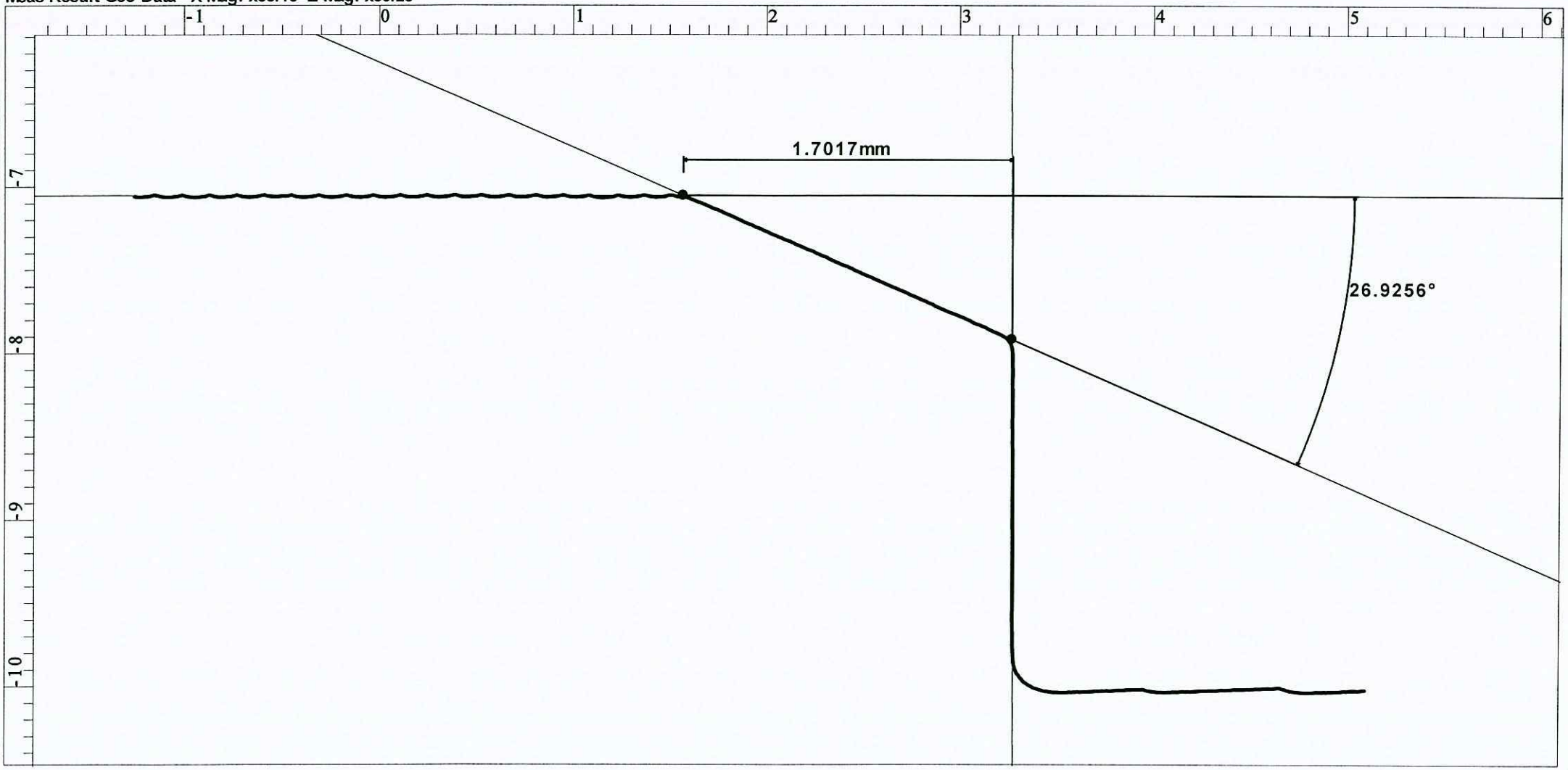
INS

FULL LAYOUT
CH 3321.00
SMUSSO FORO F_lato fl G

14/03/29 10:43:54

D'ELIA L.

Meas Result Geo Data X Mag: x35.16 Z Mag: x30.28



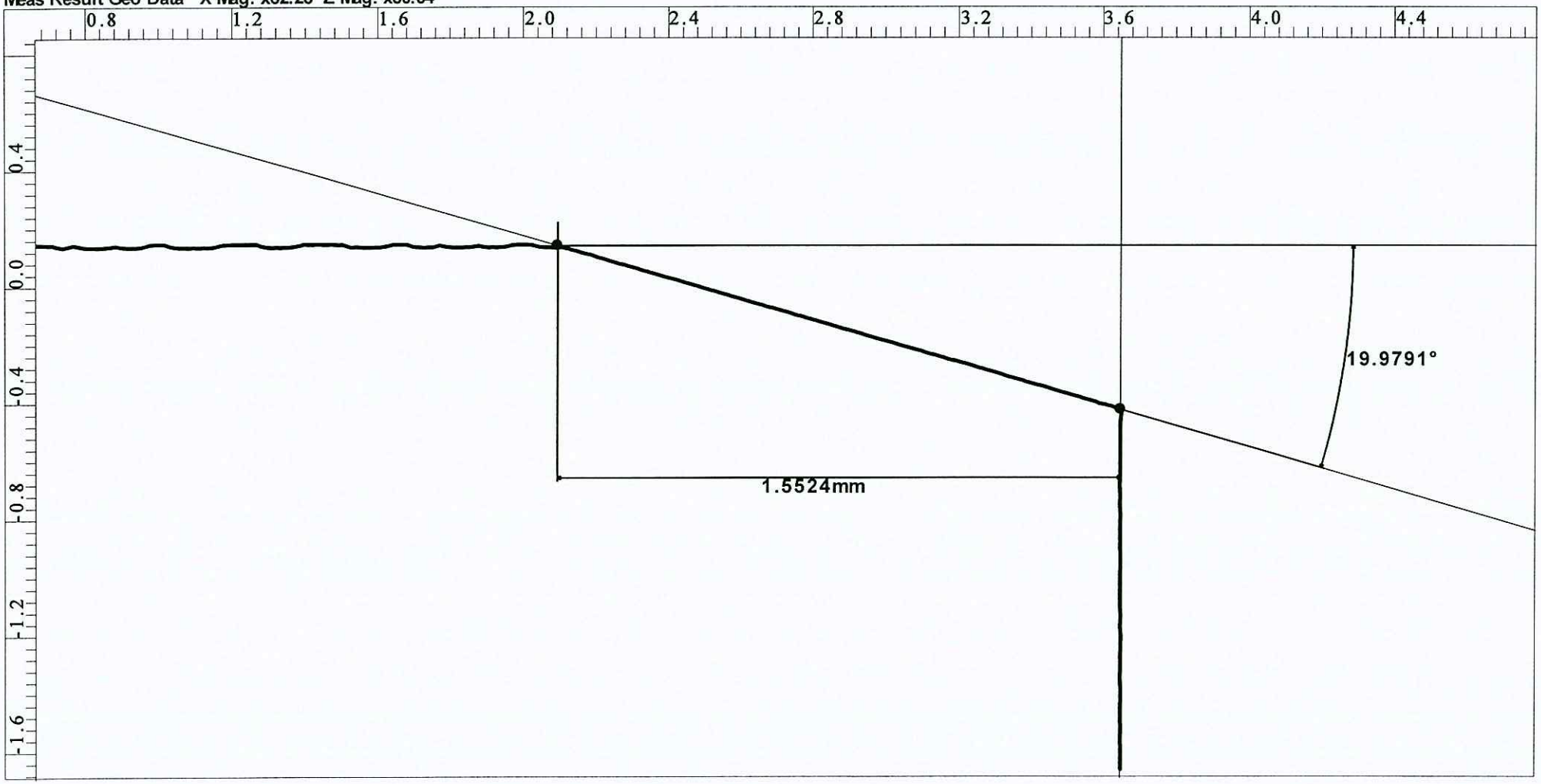
IN)

FULL LAYOUT
CH 3321.00
SMUSSO FORO D_lato fl G

14/03/29 10:39:54

D'ELIA L.

Meas Result Geo Data X Mag: x62.25 Z Mag: x50.04



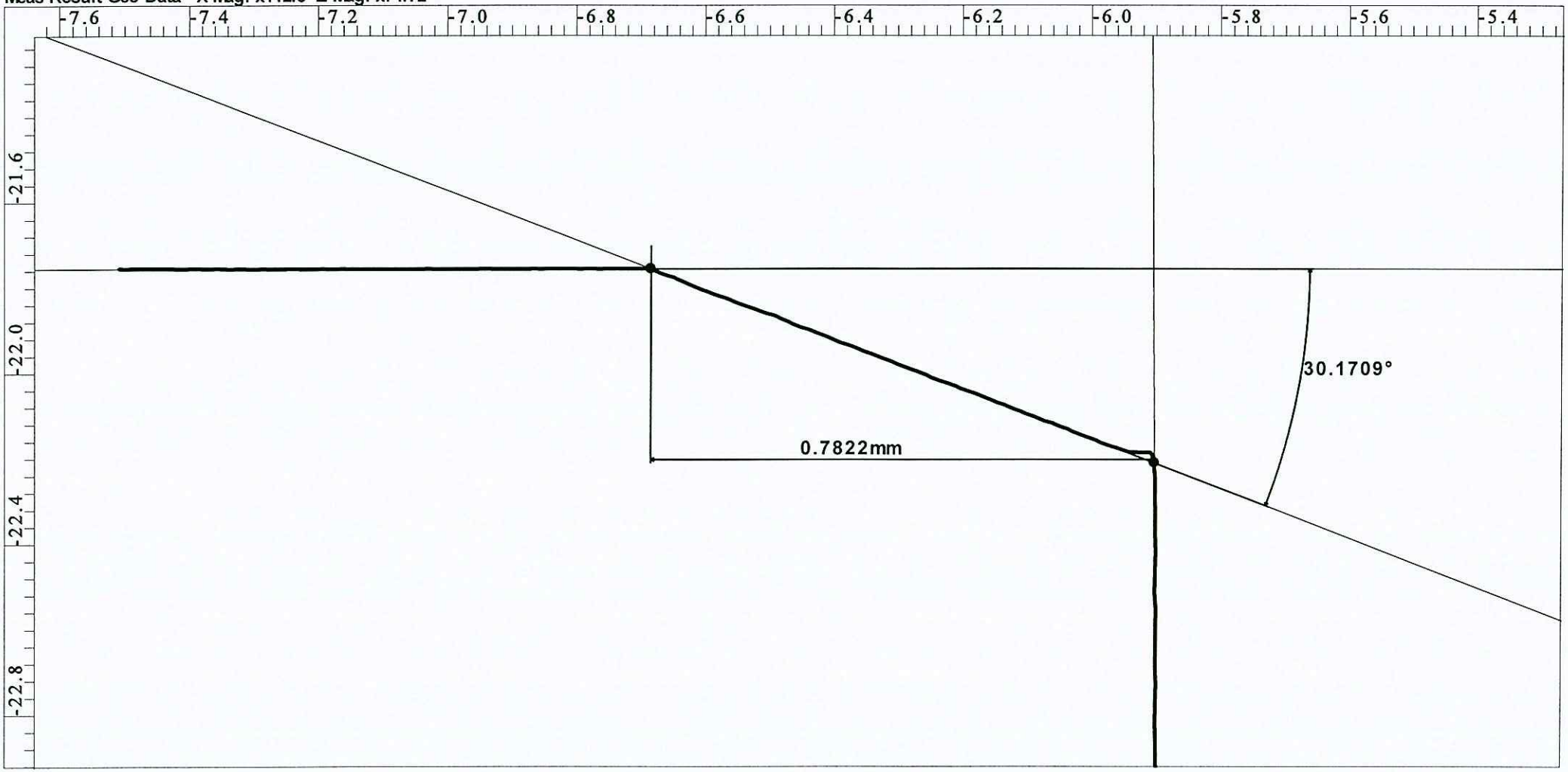
MS

full layout
ch 3321.00
smusso foro CA23

d'elia I

14/04/01 10:14:49

Meas Result Geo Data X Mag: x112.5 Z Mag: x74.72



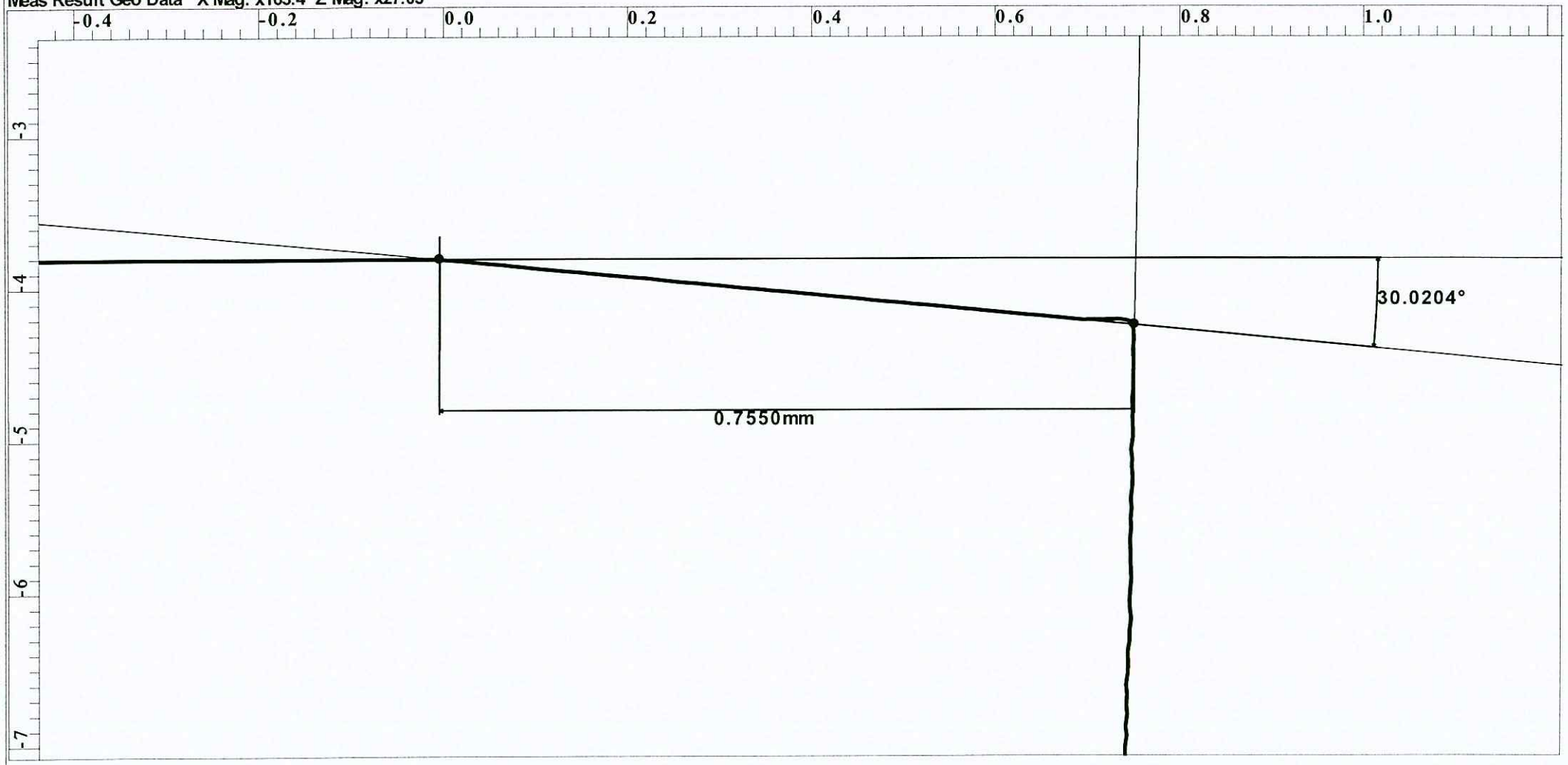
1AS

FULL LAYOUT
CH3321.00
FORO CA13 SMUSSO

14/04/01 13:04:36

D'ELIA L.

Meas Result Geo Data X Mag: x163.4 Z Mag: x27.03



FULL LAYOUT
CH 3321.00
SMUSSO FOROSR4

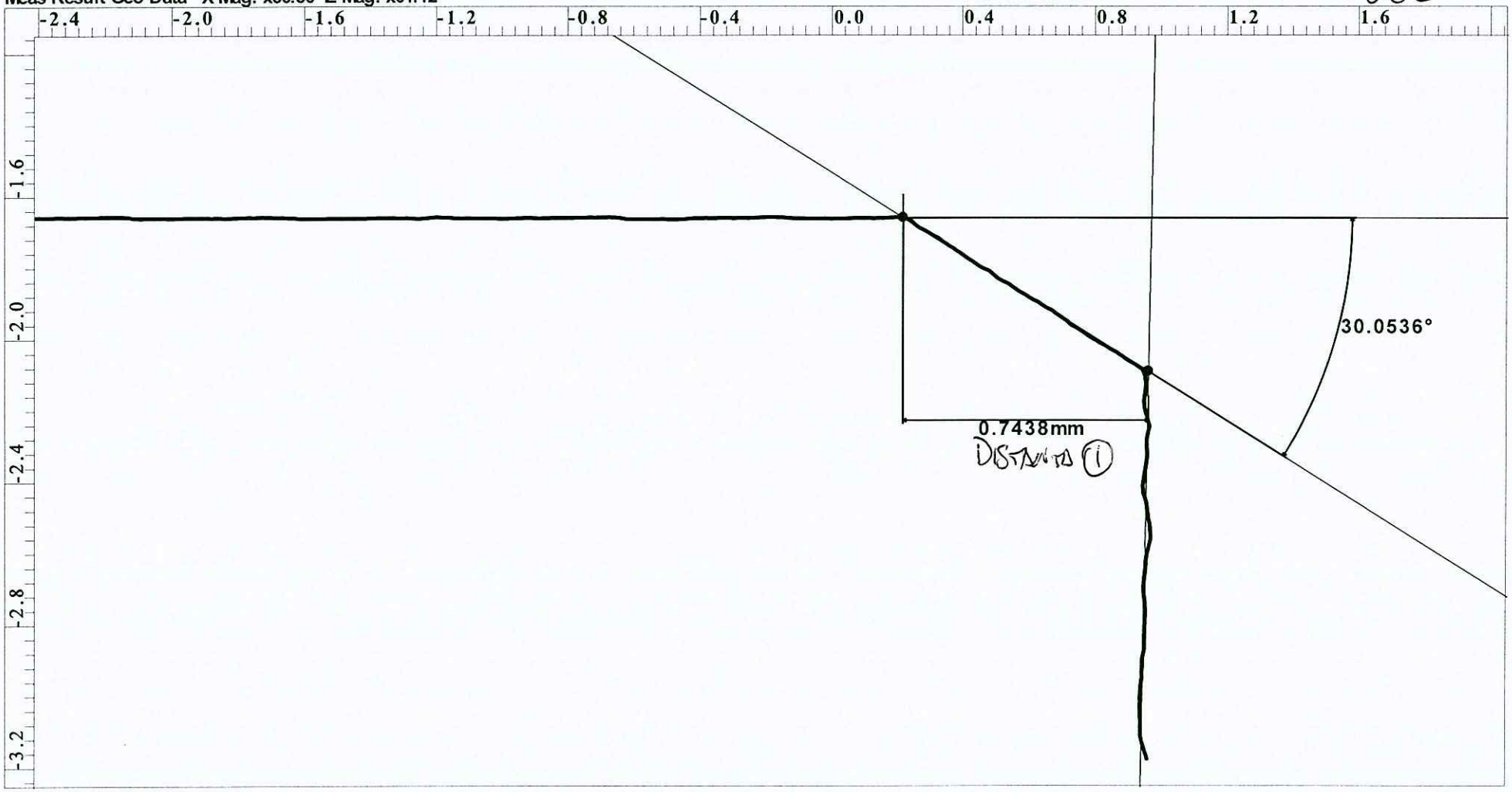
IKS

14/04/05 13:34:38

D'ELIA L.

15.7962

Meas Result Geo Data X Mag: x56.36 Z Mag: x61.12



IMJ

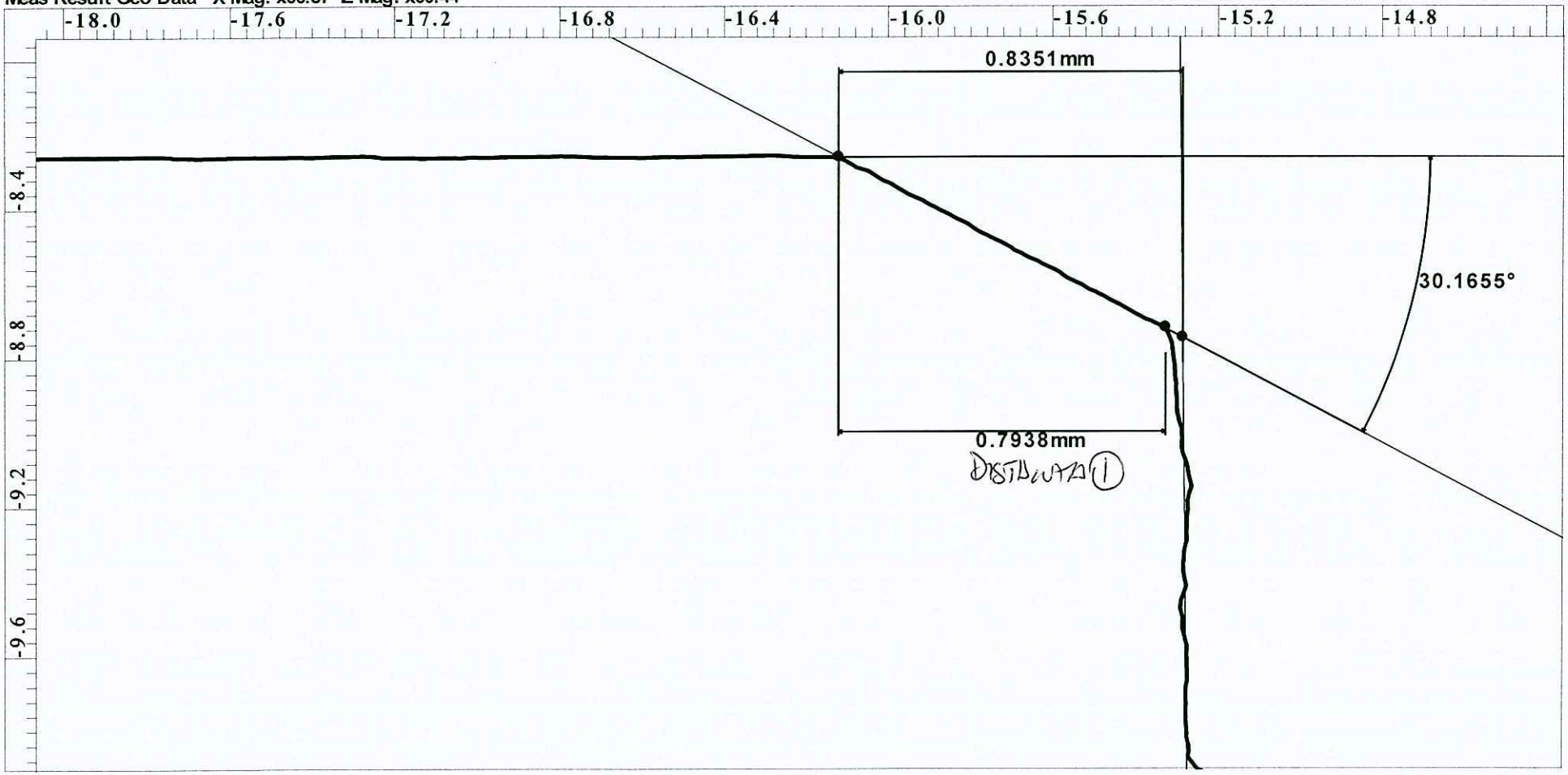
FULL LAYOUT
CH 3321.00
SMUSSO FORO SR5

14/04/09 09:01:44

D'ELIA L.

15.9862

Meas Result Geo Data X Mag: x66.87 Z Mag: x60.44

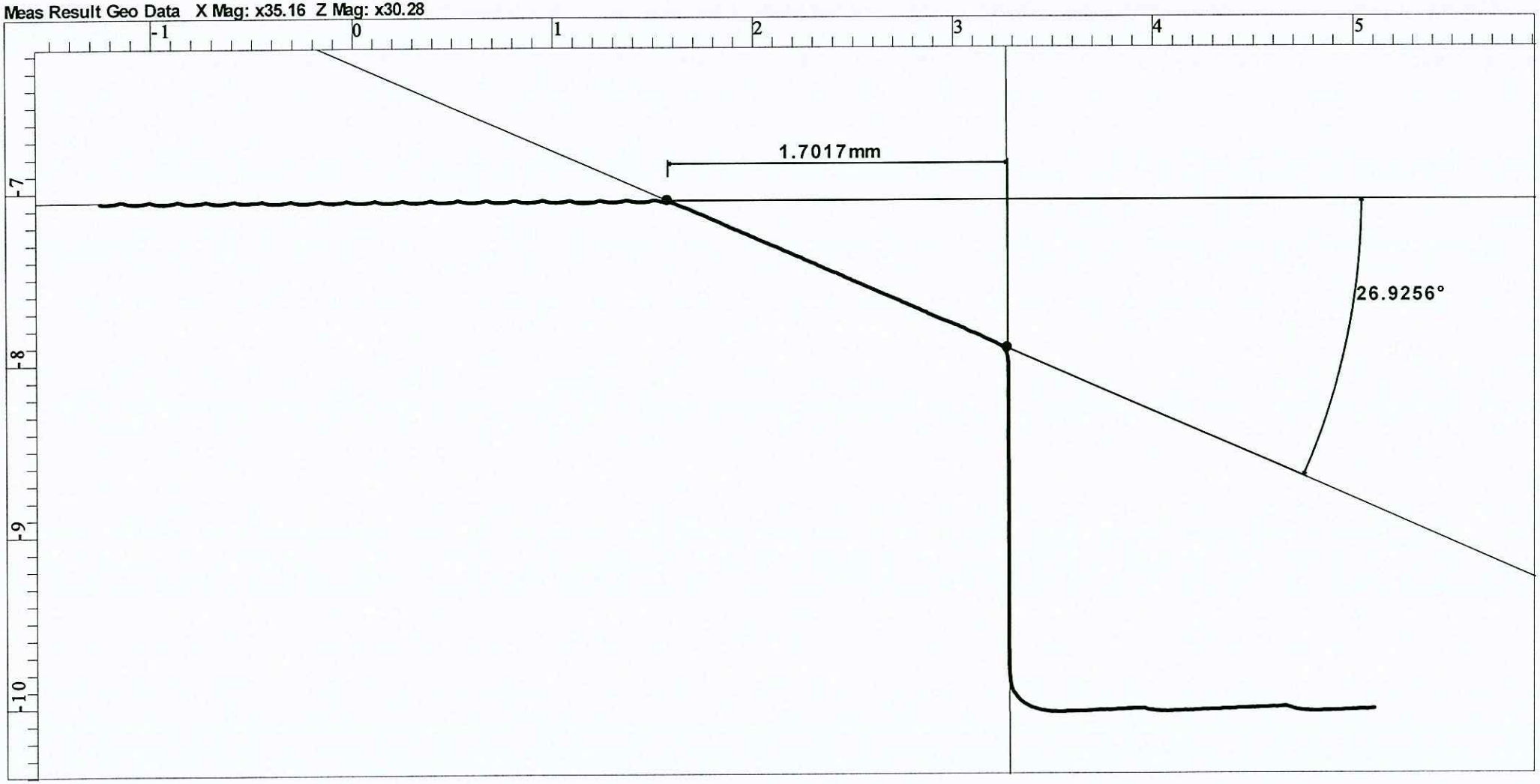


FULL LAYOUT
CH 3321.00
SMUSSO FORO Dlato fl G

14/03/29 10:00:26

D'ELIA L.

Meas Result Geo Data X Mag: x35.16 Z Mag: x30.28

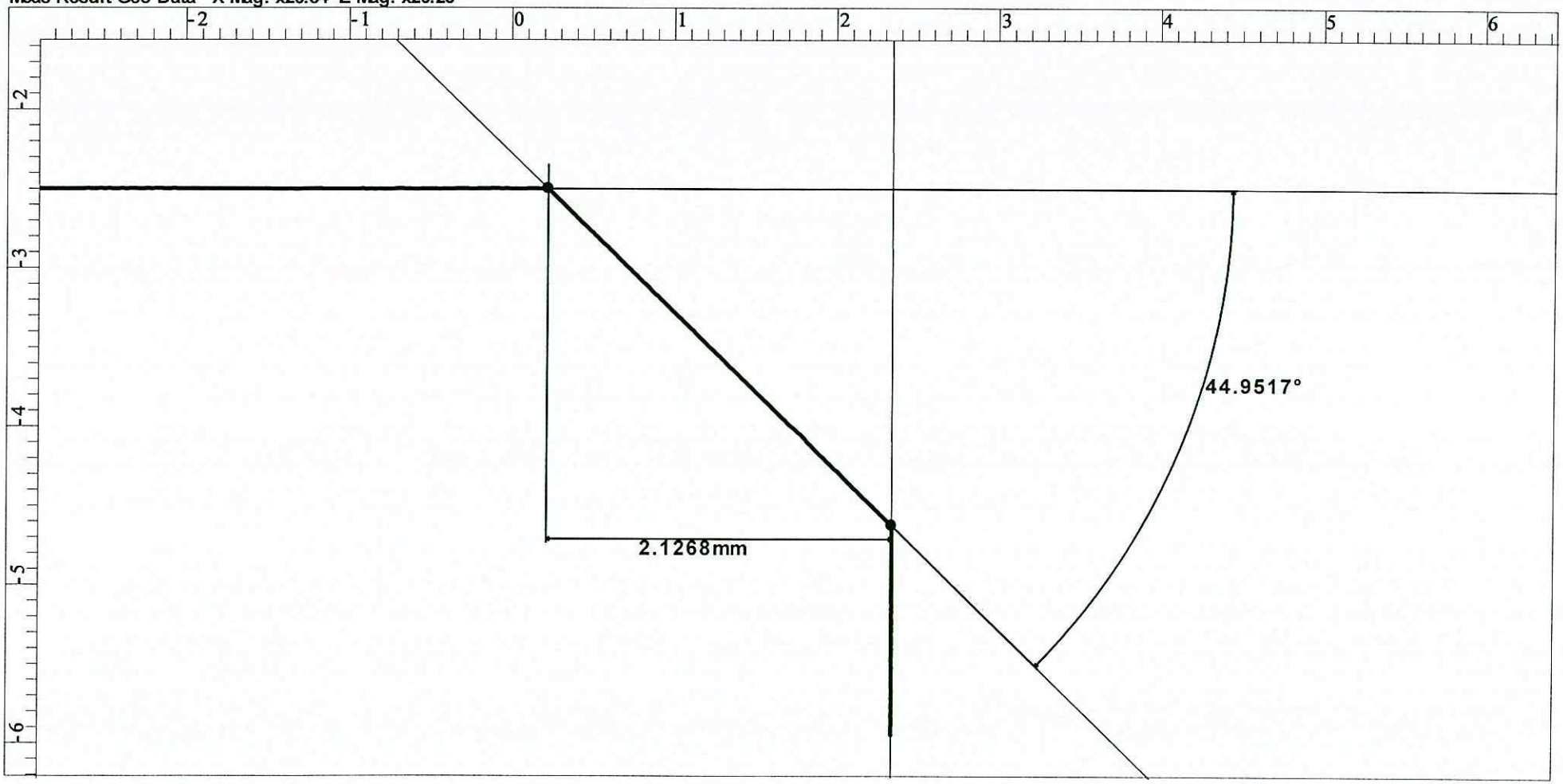


FULL LAYOUT
CH3321.00
SMUSSO FORO SD2
D'ELIA L.

14/03/27 12:55:25

IAS

Meas Result Geo Data X Mag: x26.84 Z Mag: x26.25

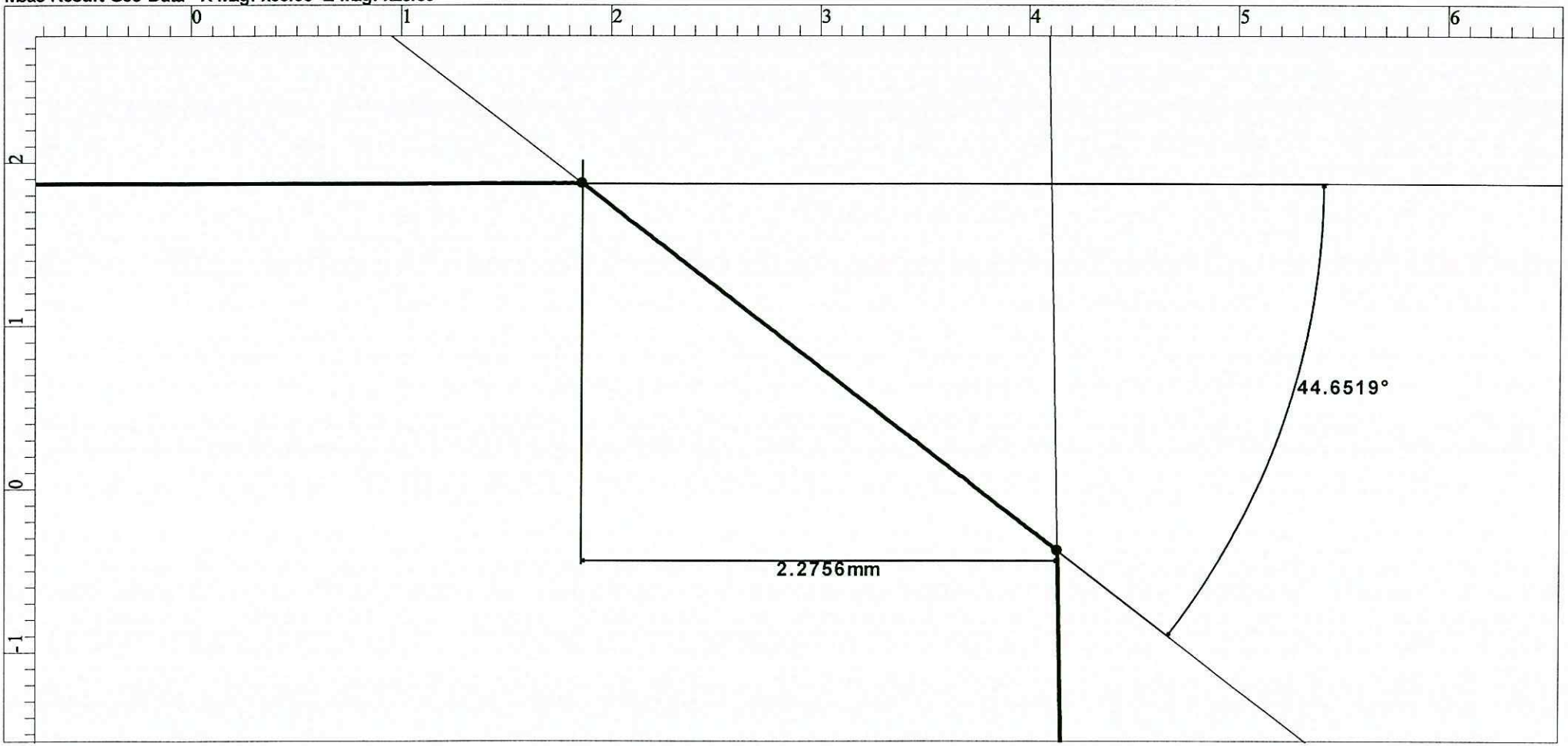


FULL LAYOUT
CH3321.00
SMUSSO FORO SD1
D'ELIA L.

14/03/27 13:03:52

INJ

Meas Result Geo Data X Mag: x35.93 Z Mag: x28.09



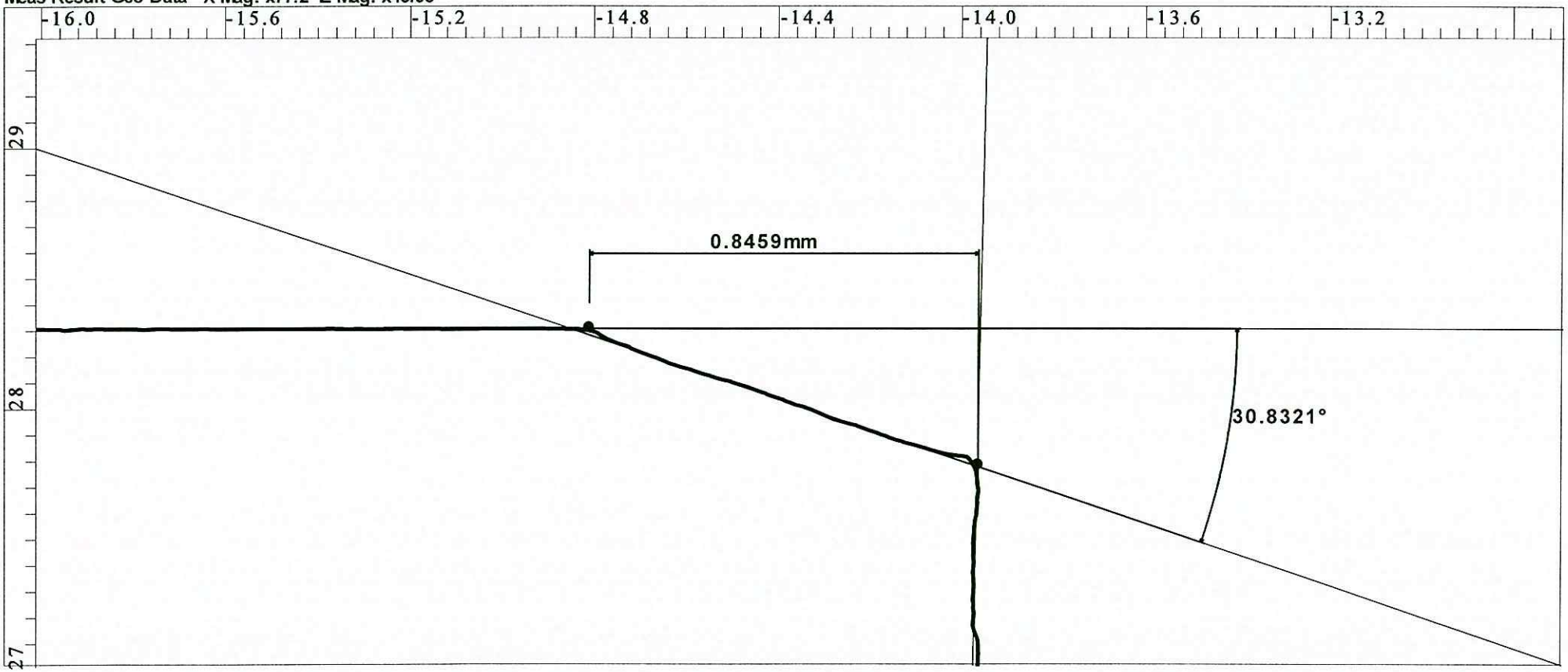
FULL LAYOUT
CH 3321.00
ANGOLO FORO J

14/03/27 11:24:16

D'ELIA L.

INS

Meas Result Geo Data X Mag: x77.2 Z Mag: x43.93



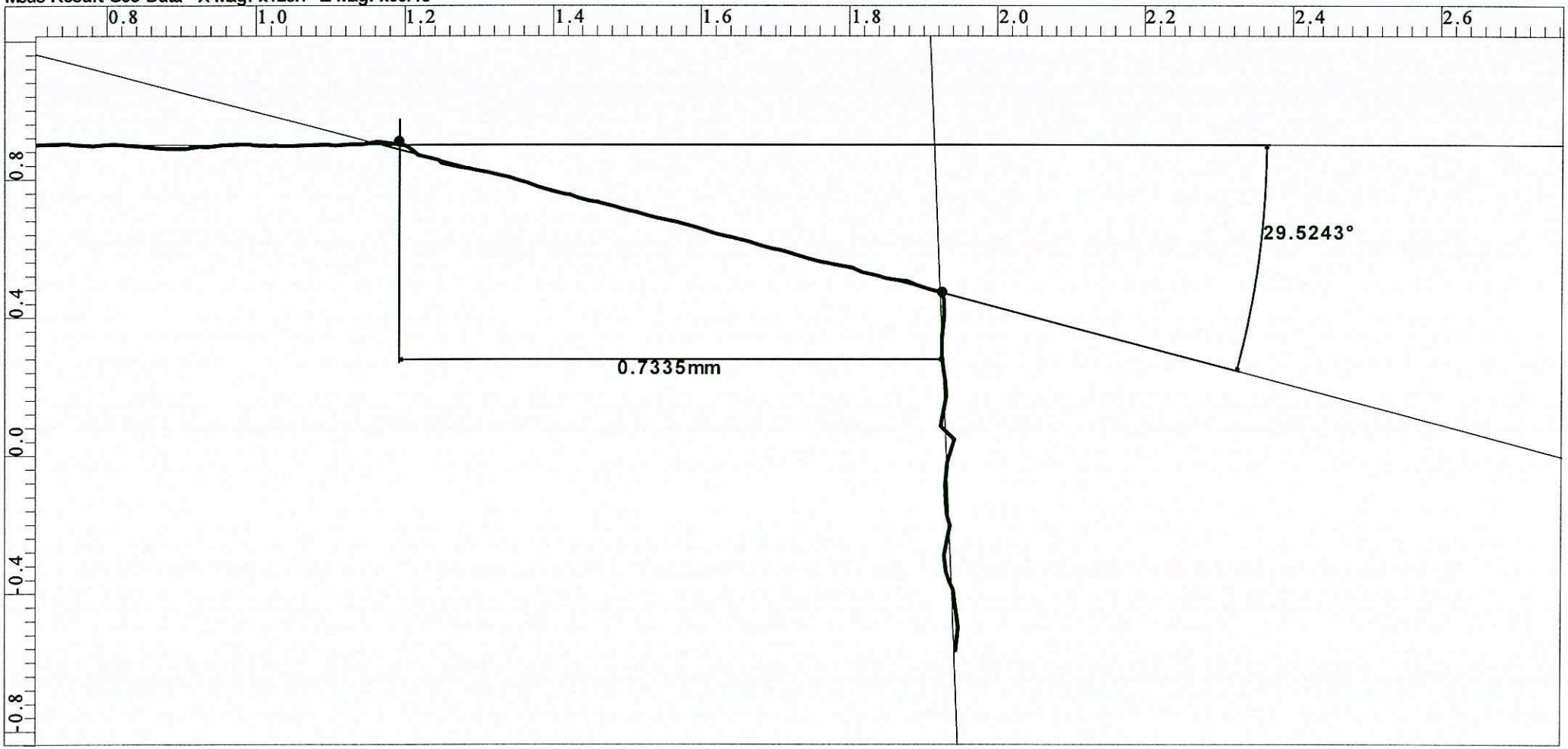
FULL LAYOUT
CH 3321.00
ANGOLO FORO R

14/03/27 11:22:12

D'ELIA L.

INS

Meas Result Geo Data X Mag: x128.7 Z Mag: x60.18



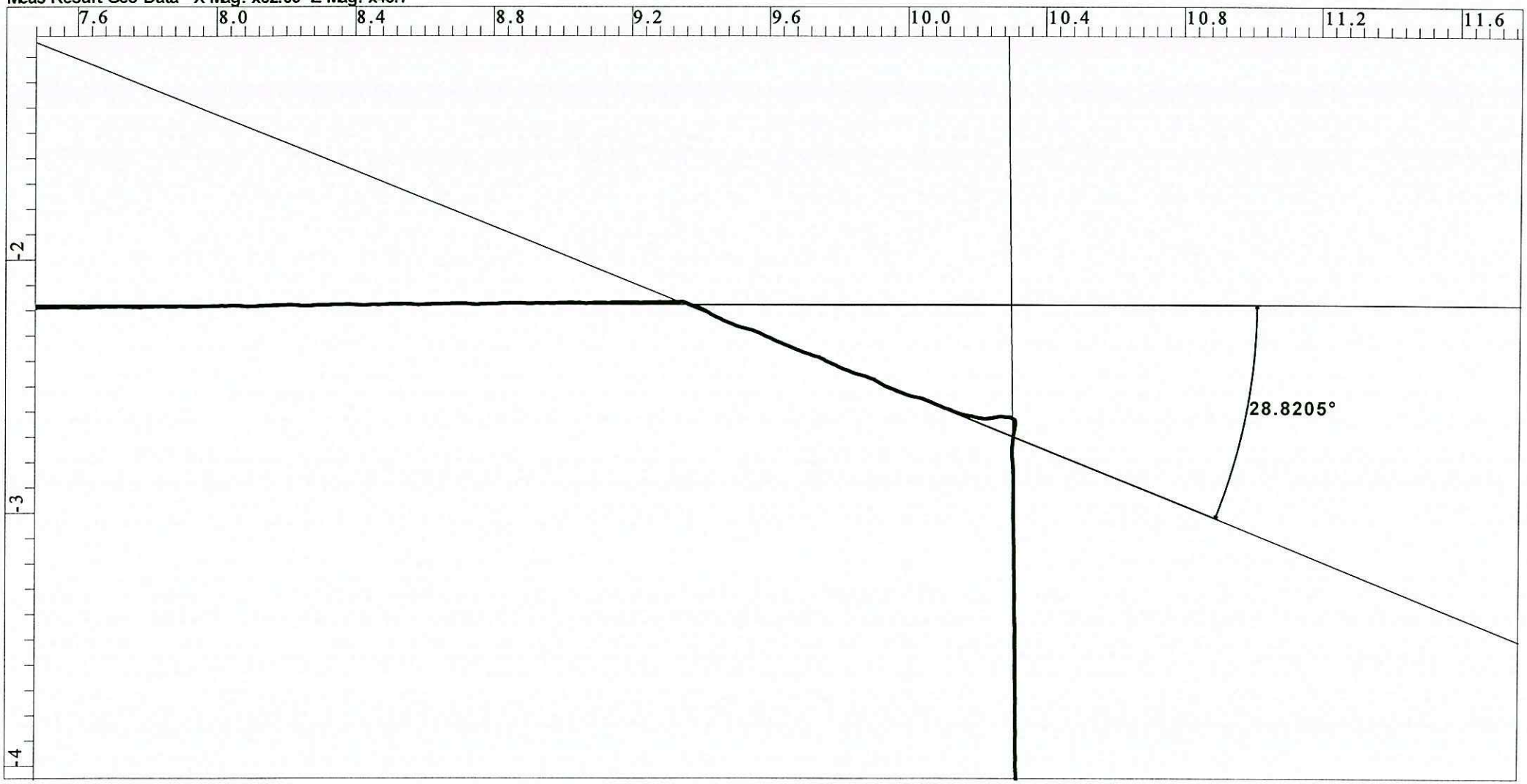
FULL LAYOUT
CH 3321.00
ANGOLO FORO T1

D'ELIA L.

14/03/27 10:39:09

INS

Meas Result Geo Data X Mag: x62.09 Z Mag: x45.7

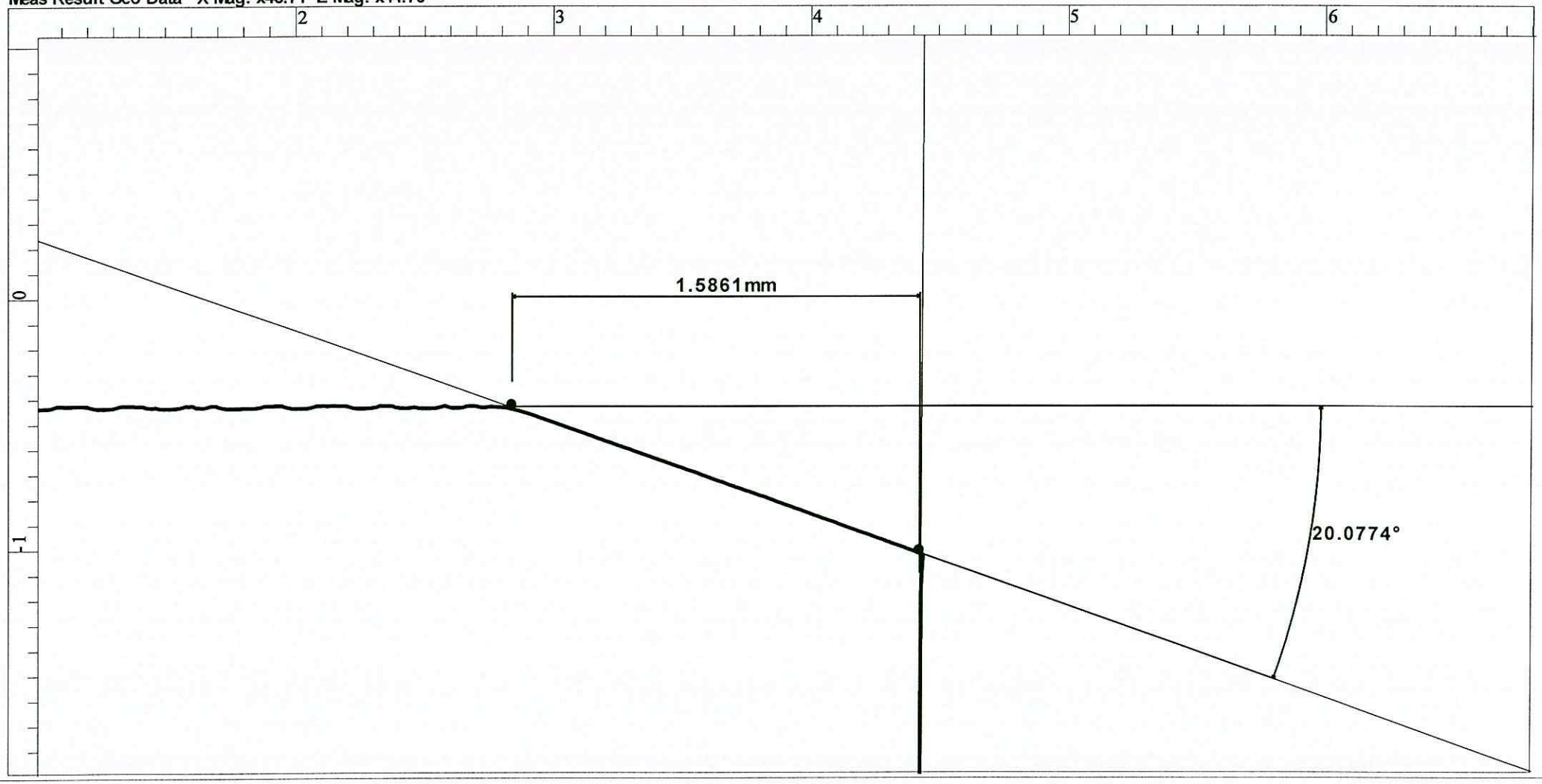


FULL LAYOUT
CH3321.00
SMUSSO FORO D Ø62

14/03/27 12:09:11

D'ELIA L.

Meas Result Geo Data X Mag: x45.71 Z Mag: x44.76

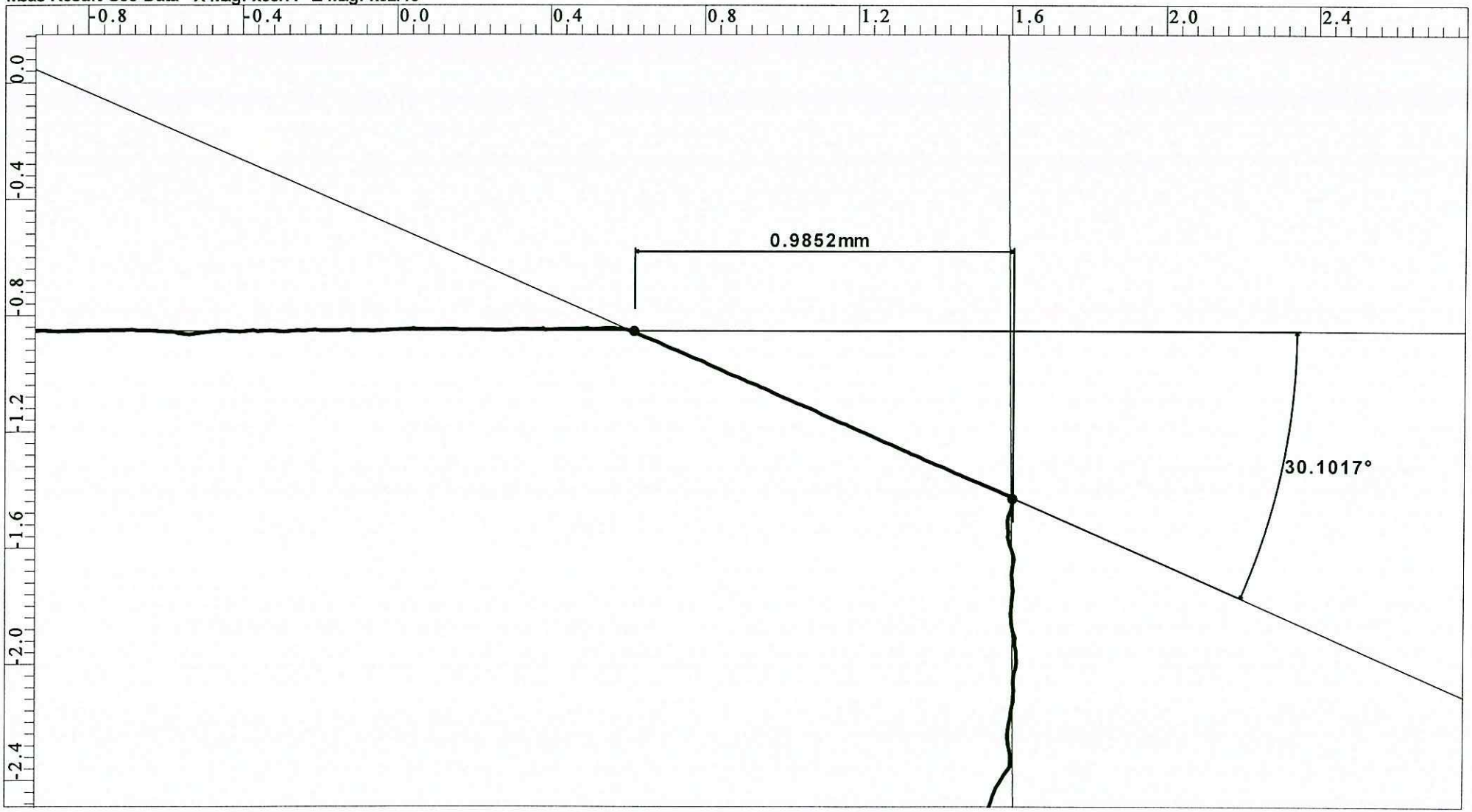


FULL LAYOUT
CH3321.00
SMUSSO FORO SR3
D'ELIA L.

14/03/27 12:46:04

INS

Meas Result Geo Data X Mag: x68.77 Z Mag: x52.18

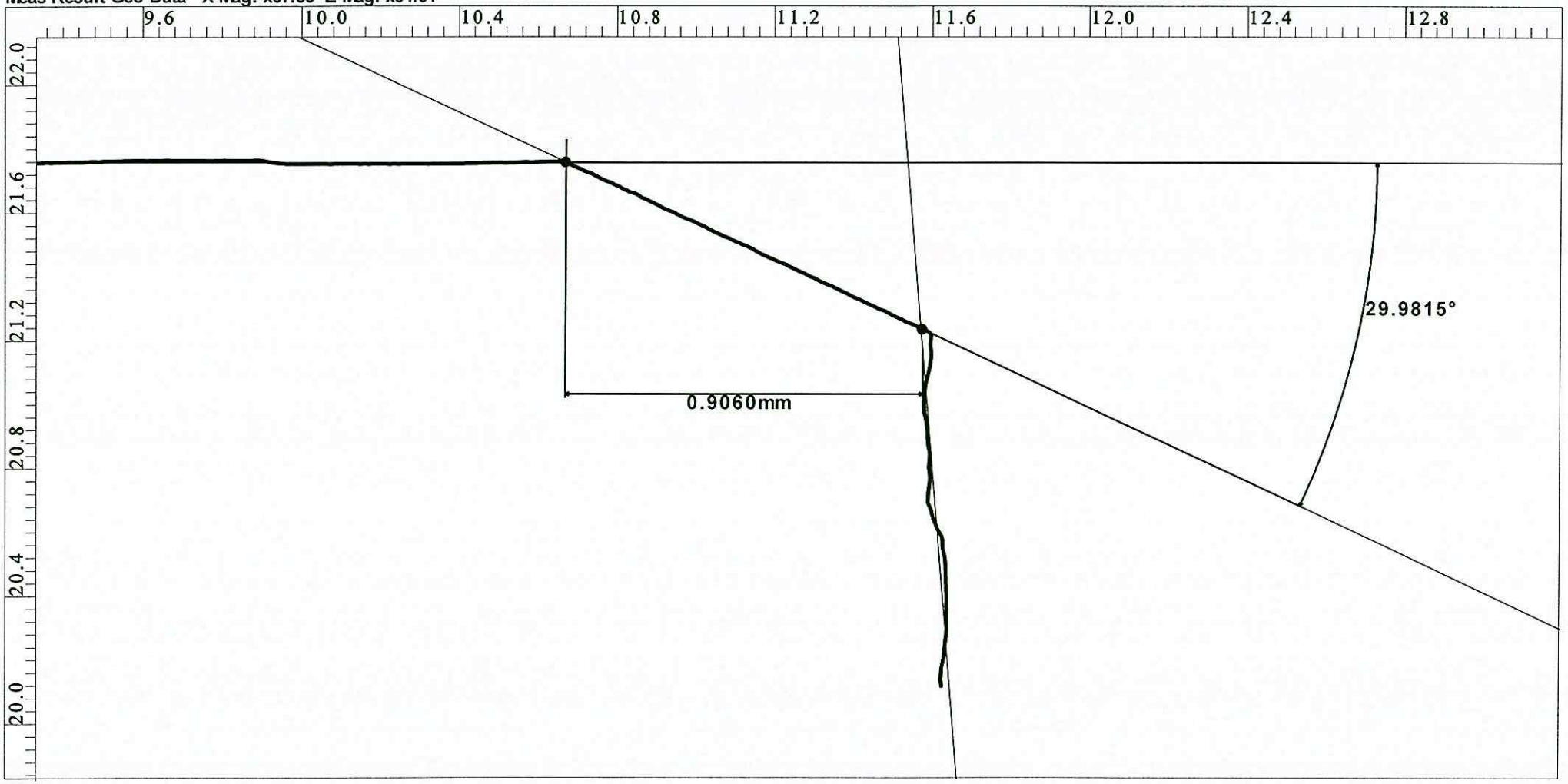


FULL LAYOUT
CH3321.00
SMUSSO FORO SR2-6
D'ELIA L.

14/03/27 12:26:18

MS

Meas Result Geo Data X Mag: x67.55 Z Mag: x54.91



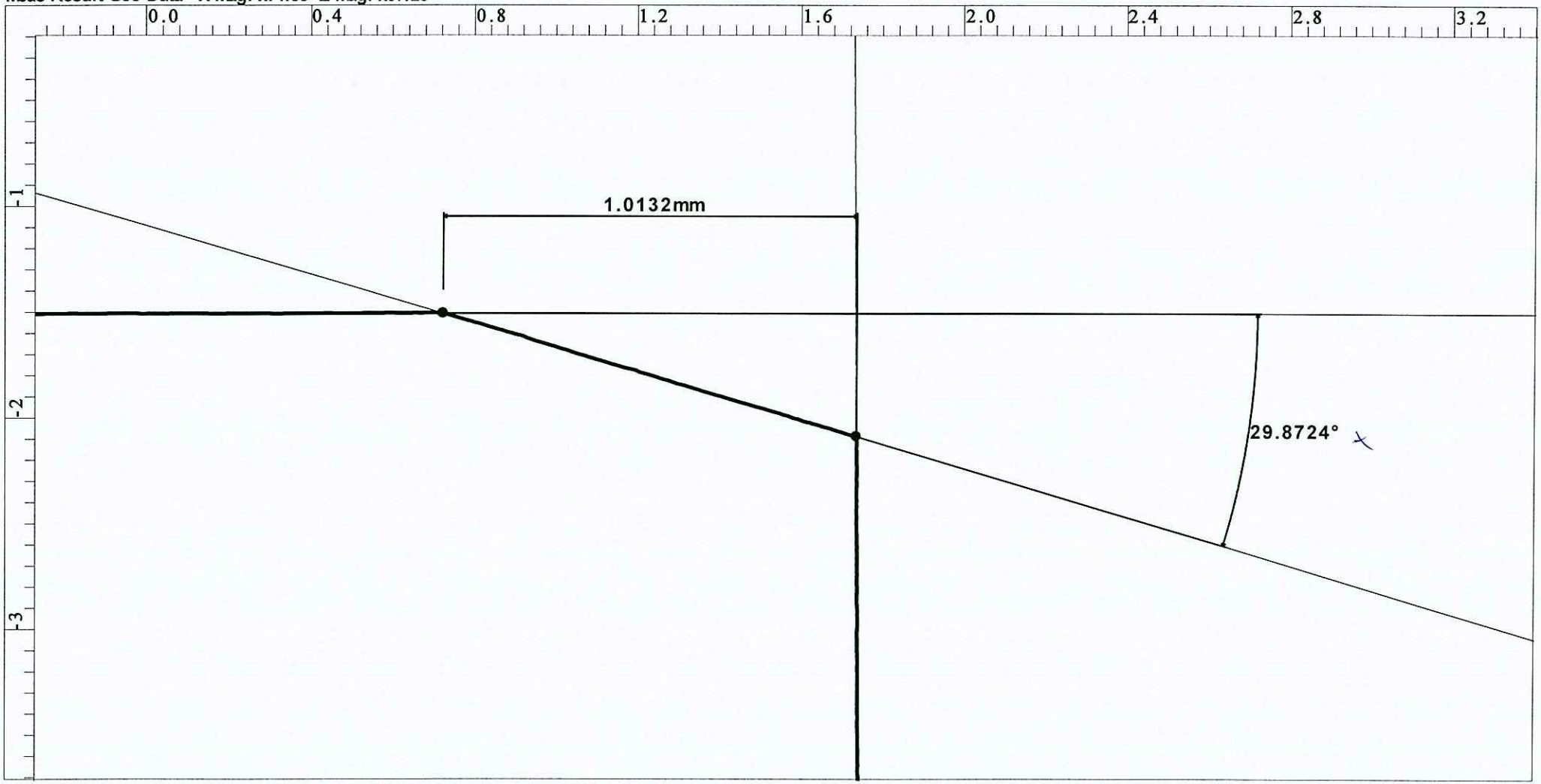
FULL LAYOUT
CH3321.00
SMUSSO FORO DG2

14/03/28 09:55:14

D'ELIA L.

INS

Meas Result Geo Data X Mag: x71.59 Z Mag: x37.25



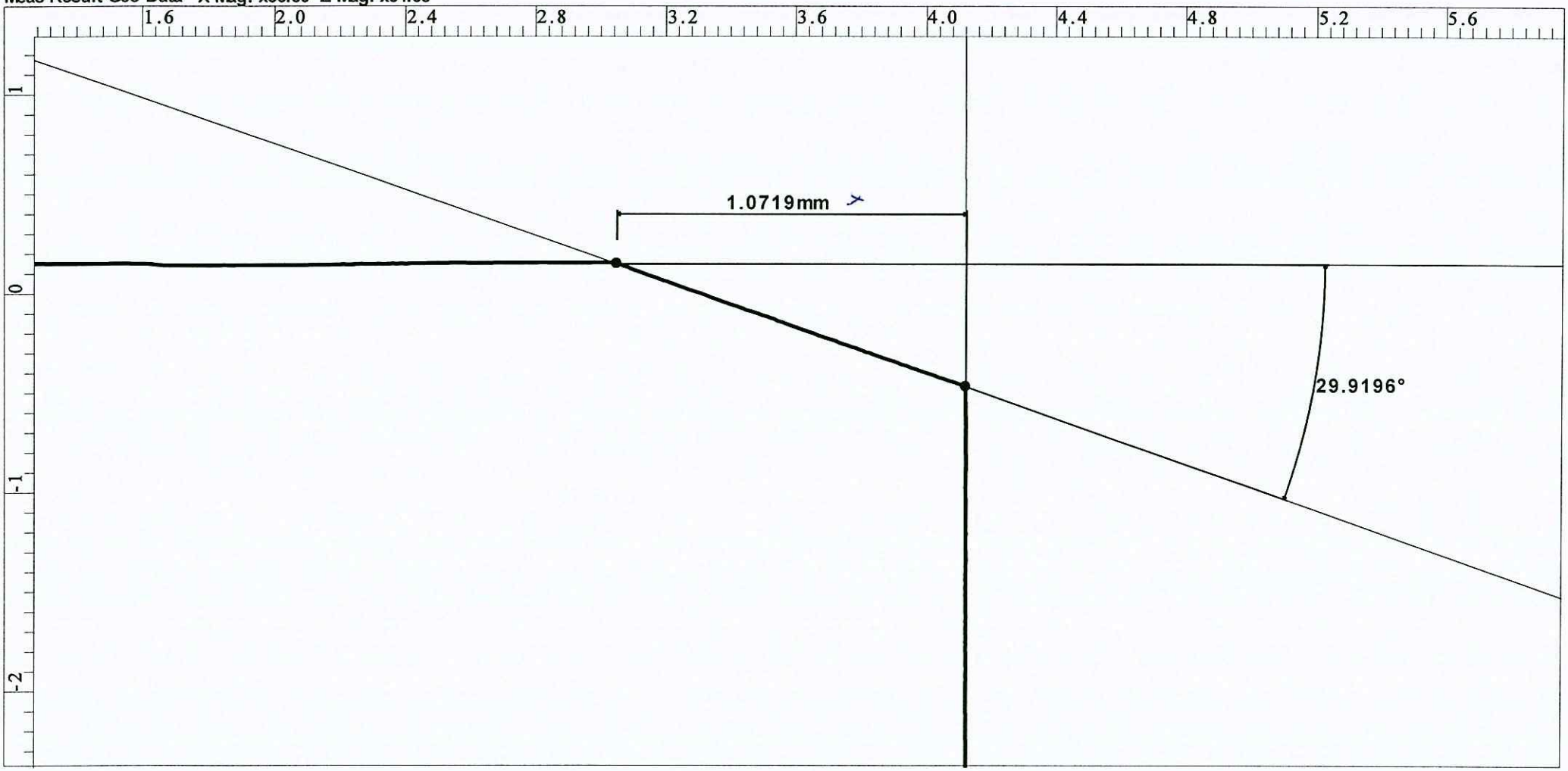
FULL LAYOUT
CH3321.00
SMUSSO FORO DG4

D'ELIA L.

INS

14/03/28 10:06:10

Meas Result Geo Data X Mag: x56.59 Z Mag: x34.68



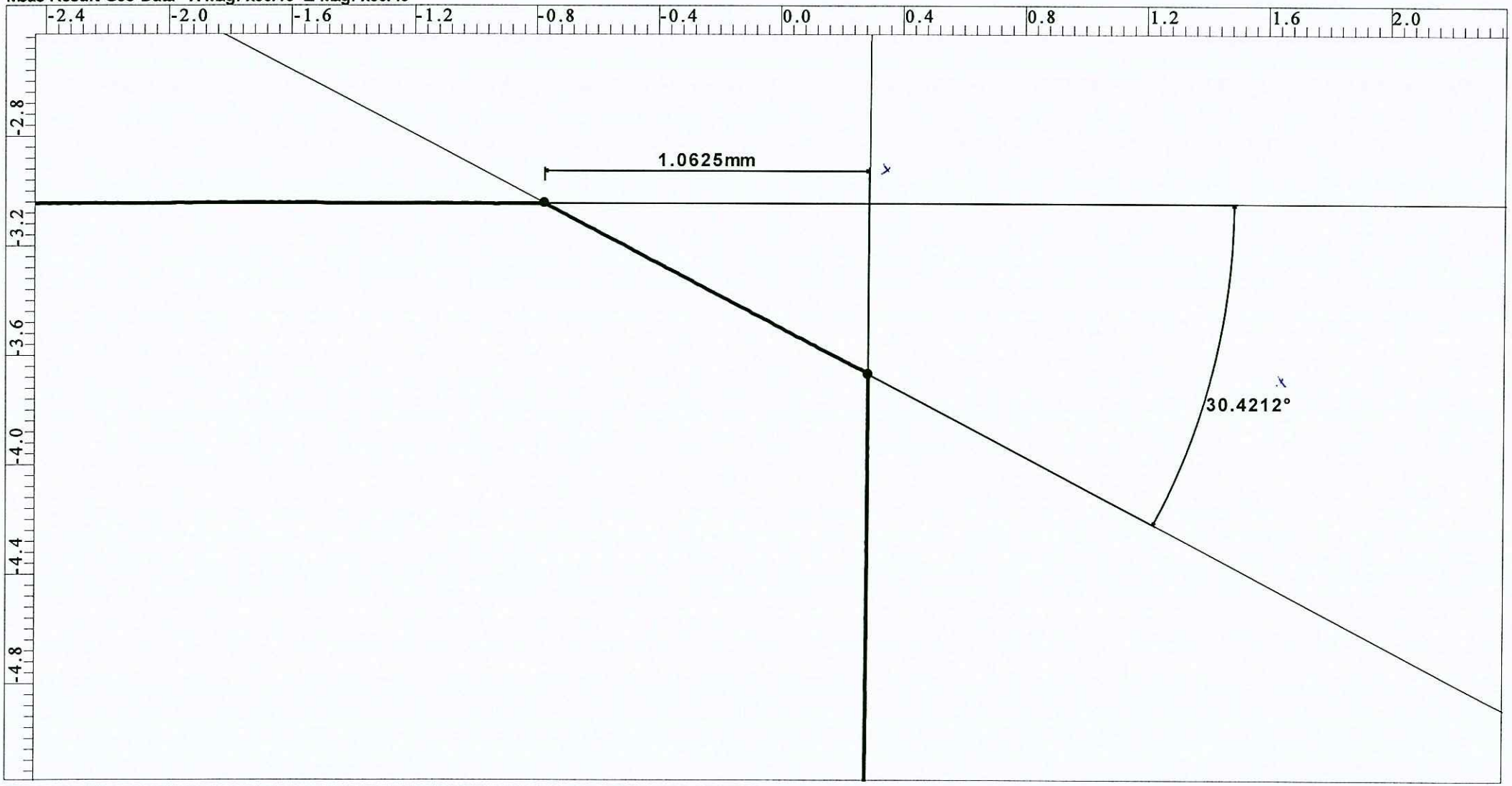
FULL LAYOUT
CH3321.00
SMUSSO FORO DG1

INS

14/03/28 09:49:40

D'ELIA L.

Meas Result Geo Data X Mag: x56.16 Z Mag: x50.49

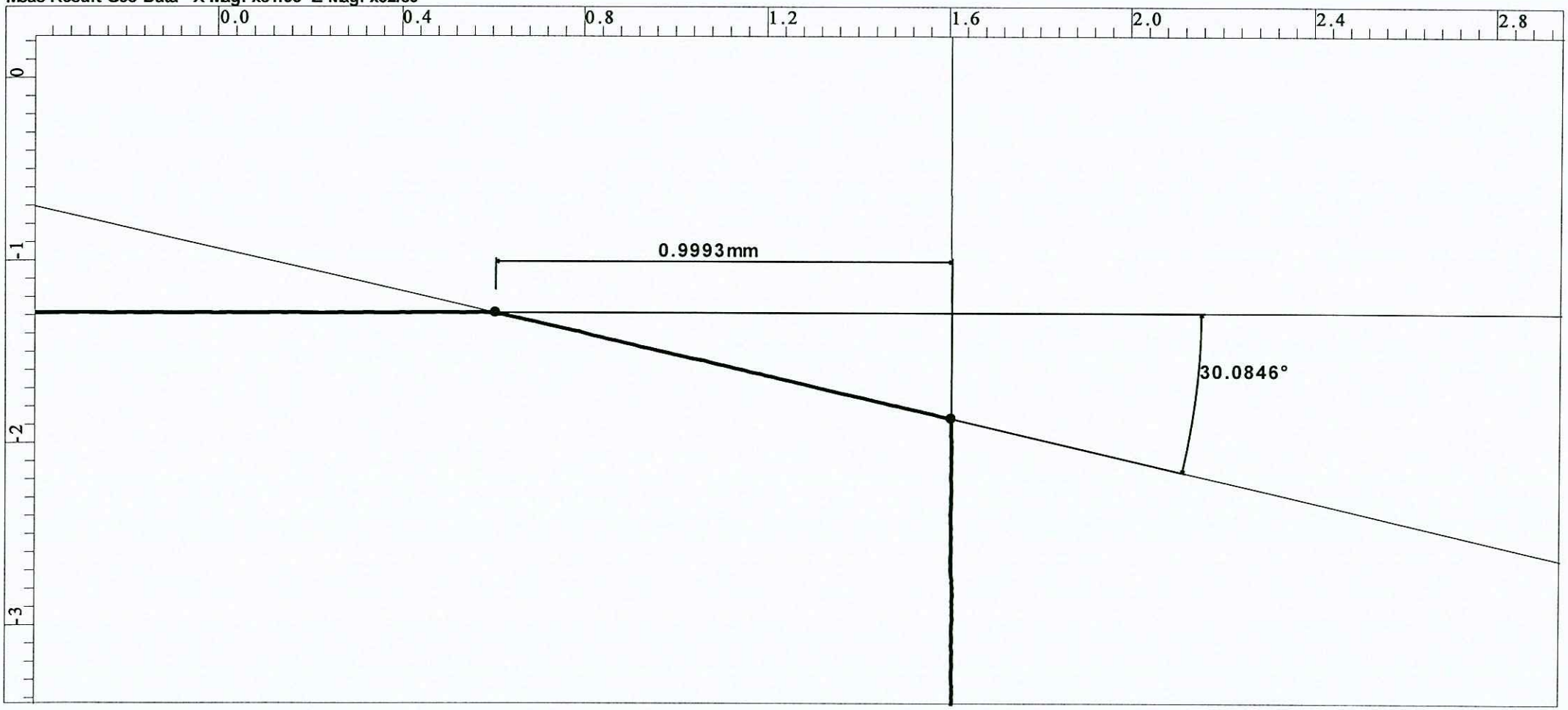


FULL LAYOUT
CH3321.00
SMUSSO FORO DG3

D'ELIA L.

14/03/28 10:00:54

Meas Result Geo Data X Mag: x81.95 Z Mag: x32.89



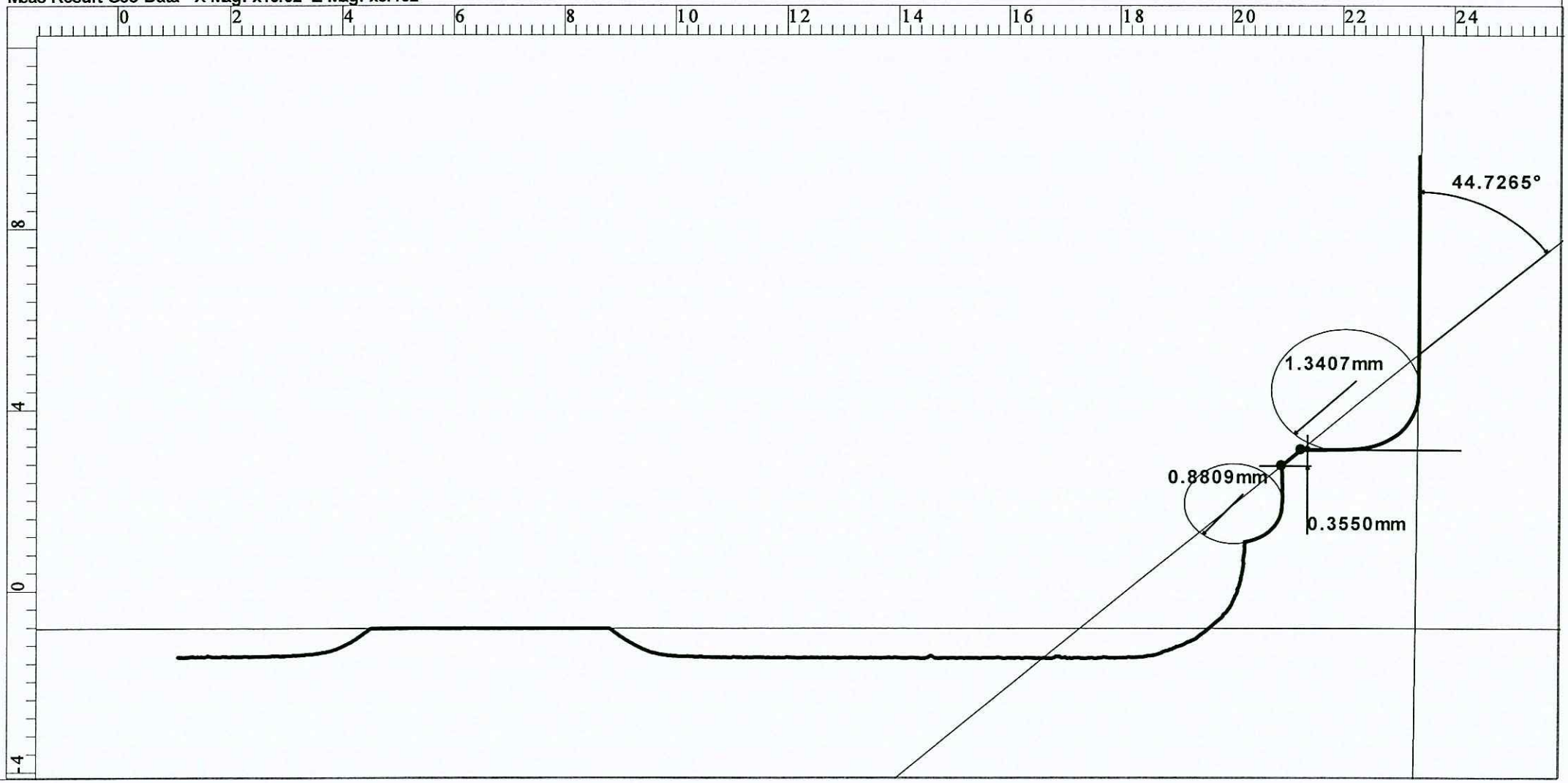
FULL LAYOUT
CH3321.00
FORO L1

D'ELIA L.

INS

14/03/28 11:20:01

Meas Result Geo Data X Mag: x10.02 Z Mag: x8.162



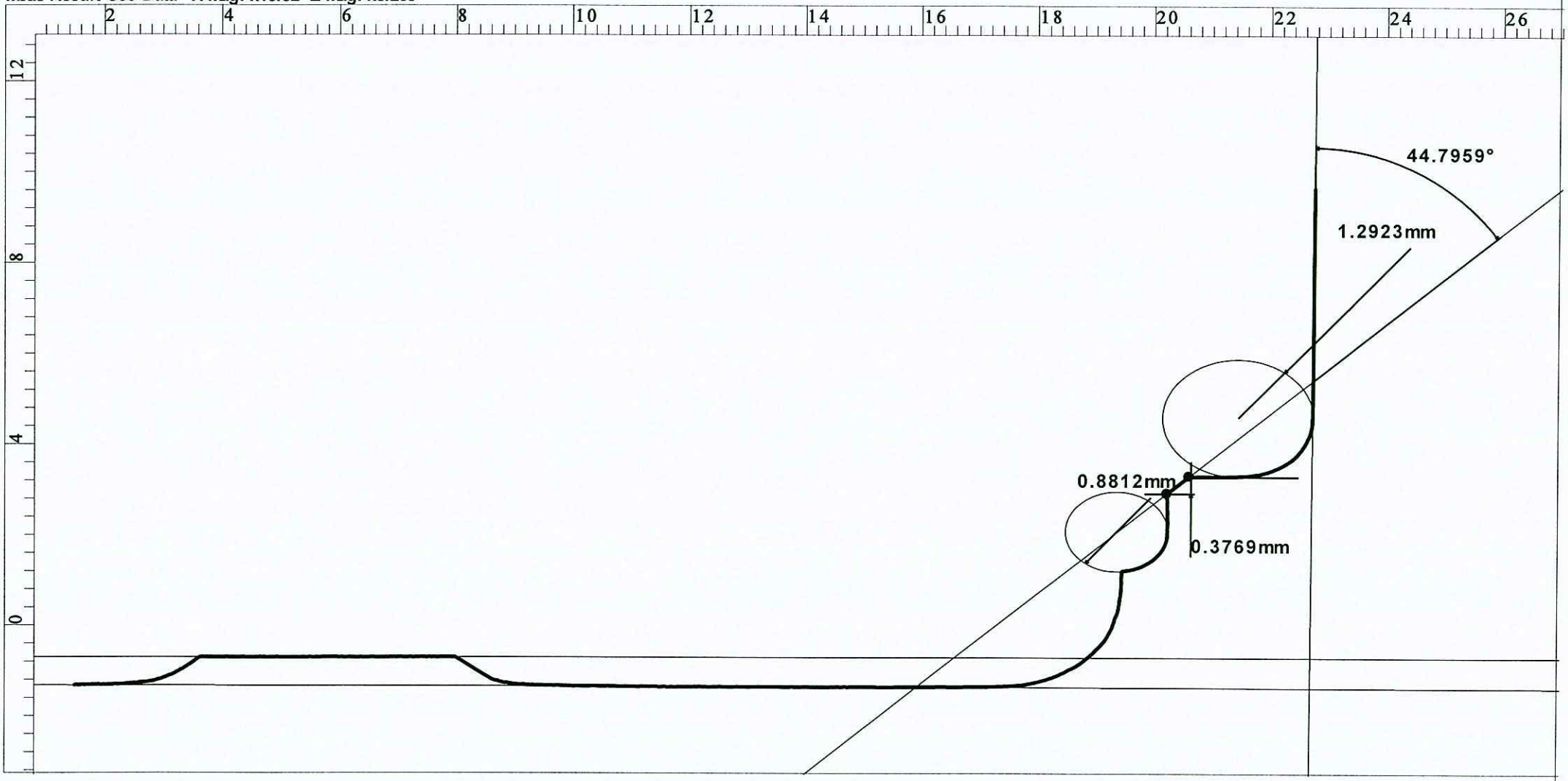
FULL LAYOUT
CH3321.00
FORO S1

INS

D'ELIA L.

14/03/28 11:02:33

Meas Result Geo Data X Mag: x10.52 Z Mag: x8.209

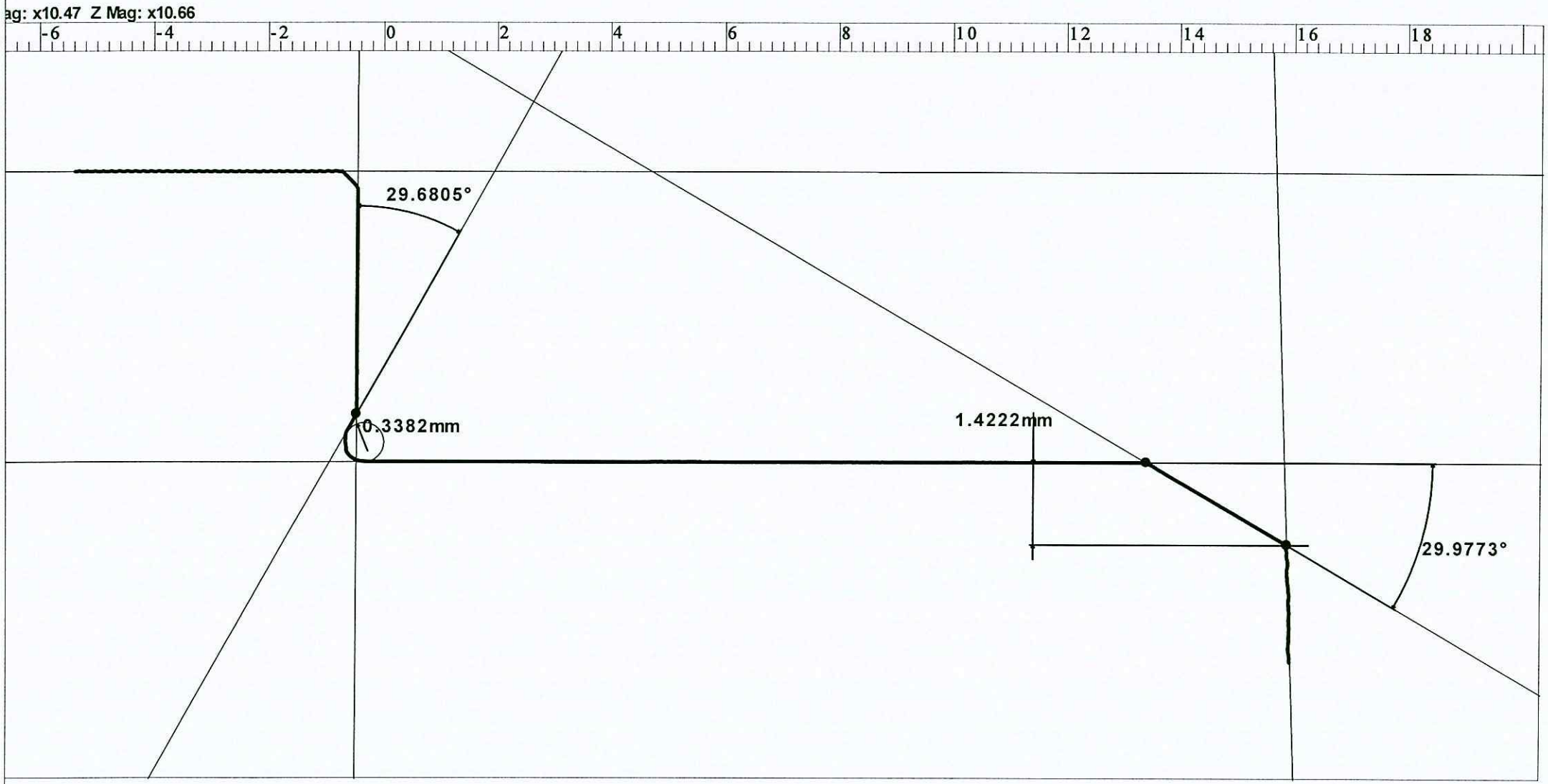


FULL LAYOUT
CH3321.00
FORO FØ67

D'ELIA L.

14/03/28 12:19:47

INS

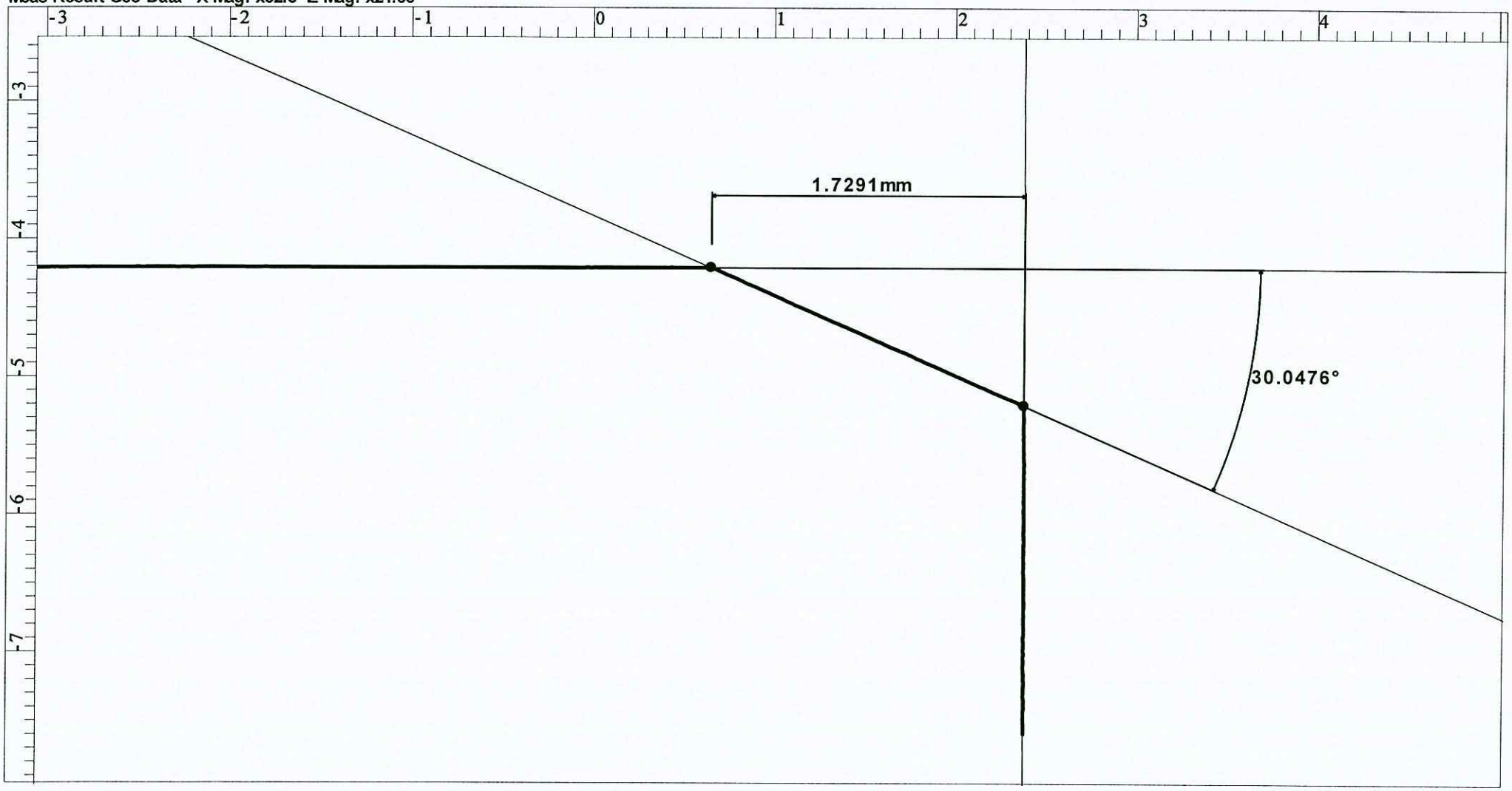


FULL LAYOUT
CH3321.00
SMUSSO FORO L

D'ELIA L.

14/03/28 10:15:43

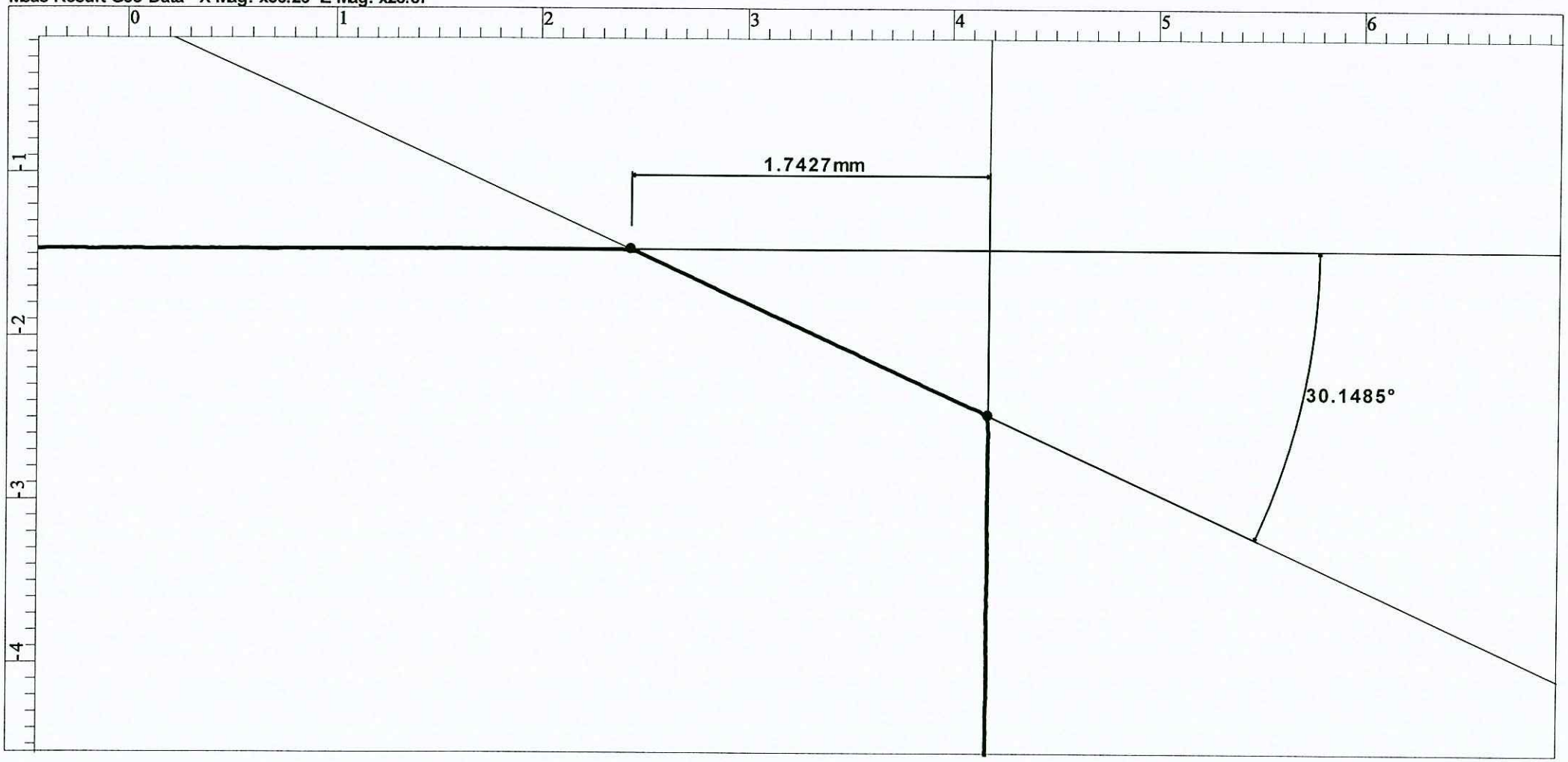
Meas Result Geo Data X Mag: x32.3 Z Mag: x24.55



FULL LAYOUT
CH3321.00
SMUSSO FORO S

D'ELIA L.

14/03/28 10:24:12

INS

Meas Result Geo Data X Mag: x36.26 Z Mag: x28.87