

A0000152

Attention : Rob Davenport, ED-TF

ED-FS

12 June 2002

Transmittal No. 56

We have reviewed the H-pile compression load test at Hammond Highway at the 17th St Outfall Canal. The H-pile test pile was driven to El. -78.5 or 2.5 ft. deeper than the tip elevation of -76.0 shown on the plans. We recommend a pile tip elevation of -76.0 which will result in a F.S. > than 2.0.

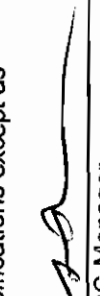
Vojkovich FV

Grieshaber JK

Caver CAV

**TRANSMITTAL OF SHOP DRAWINGS, EQUIPMENT DATA, MATERIAL SAMPLES,
OR MANUFACTURER'S CERTIFICATES OF COMPLIANCE**

(Read instructions on reverse side prior to initiating this form)

SECTION 1 - REQUEST FOR APPROVAL OF THE FOLLOWING ITEMS (This section will be initiated by the Contractor)		DATE: 4 June 02	TRANSMITTAL No. 56				
To: U.S. Army Corps of Engineers NOAO P.O. Box 50267 New Orleans, LA 70160-0267	From: Gulf Group, Inc 1654 East 5th Street Panama City, FL 32401	CONTRACT No. DACW29-02-C-0016					
SPECIFICATION SEC. NO. (Cover only one section with each transmittal) 02355		CHECK ONE: <input checked="" type="checkbox"/> This is a new transmittal <input type="checkbox"/> This is a resubmittal of Transmittal					
PROJECT TITLE AND LOCATION: 17 th Street Outfall Canal, Old Hammond Hwy. Jefferson and Orleans Parishes, Louisiana							
ITEM NO.	DESCRIPTION OF ITEM SUBMITTED: (Type, size, model number, etc.)	MFG. OR CONTR. CAT., CURVE DRAWING OR BROCHURE NO.: (See instruction no. 8)	No. of Copies	CONTRACT REFERENCE DOCUMENT	FOR CONTRACTOR USE CODE	VARIATION (See Instruction No. 6)	FORCE USE CODE
a.	b. TEST MEASUREMENT	c.	d. 4	e. f.	g.	h.	i.
100	31						
REMARKS							
I certify that the above submitted items have been reviewed in detail and are correct and in strict conformance with the contract drawings and specifications except as otherwise stated.							
 KEITH JOHNSON QC Manager							
SECTION II - APPROVAL ACTION							
ENCLOSURES RETURNED: (List by item no.)				NAME, TITLE AND SIGNATURE OF APPROVING AUTHORITY: DATE:			

Beerman Precision Inc.

4206 Howard Av
New Orleans, LA. 70125
(504) 486-9391

JACK CALIBRATION REPORT

TESTED FOR: Delta Testing

PROJECT: General Calibration

REPORT NO: 11901-2 **DATE:** 11/9/2001

CYLINDER 300 **TONS CAPACITY,** 6 **"STROKE, SERIAL No:** 4
GAUGE 10000 **PSI RATING,** 6 **"DIAL DIA., SERIAL No:** 3

This report covers the results of calibration for the above described Hydraulic Cylinder. Calibration was performed utilizing our 600 ton load cell, S/N 9403, with readout indicator, S/N 112857 calibrated accurately to within .5% of reading. The load cell was calibrated on FEBRUARY 1, 2001 and is traceable to the National Institute of Standards and Technology. The results are as follows: Temperature at time of test 78 Deg. F

By: 

Dated: 11/9/01

BEERMAN PRECISION, INC.
OP 293

Sworn to and Subscribed before me this _____ day of _____ 19____

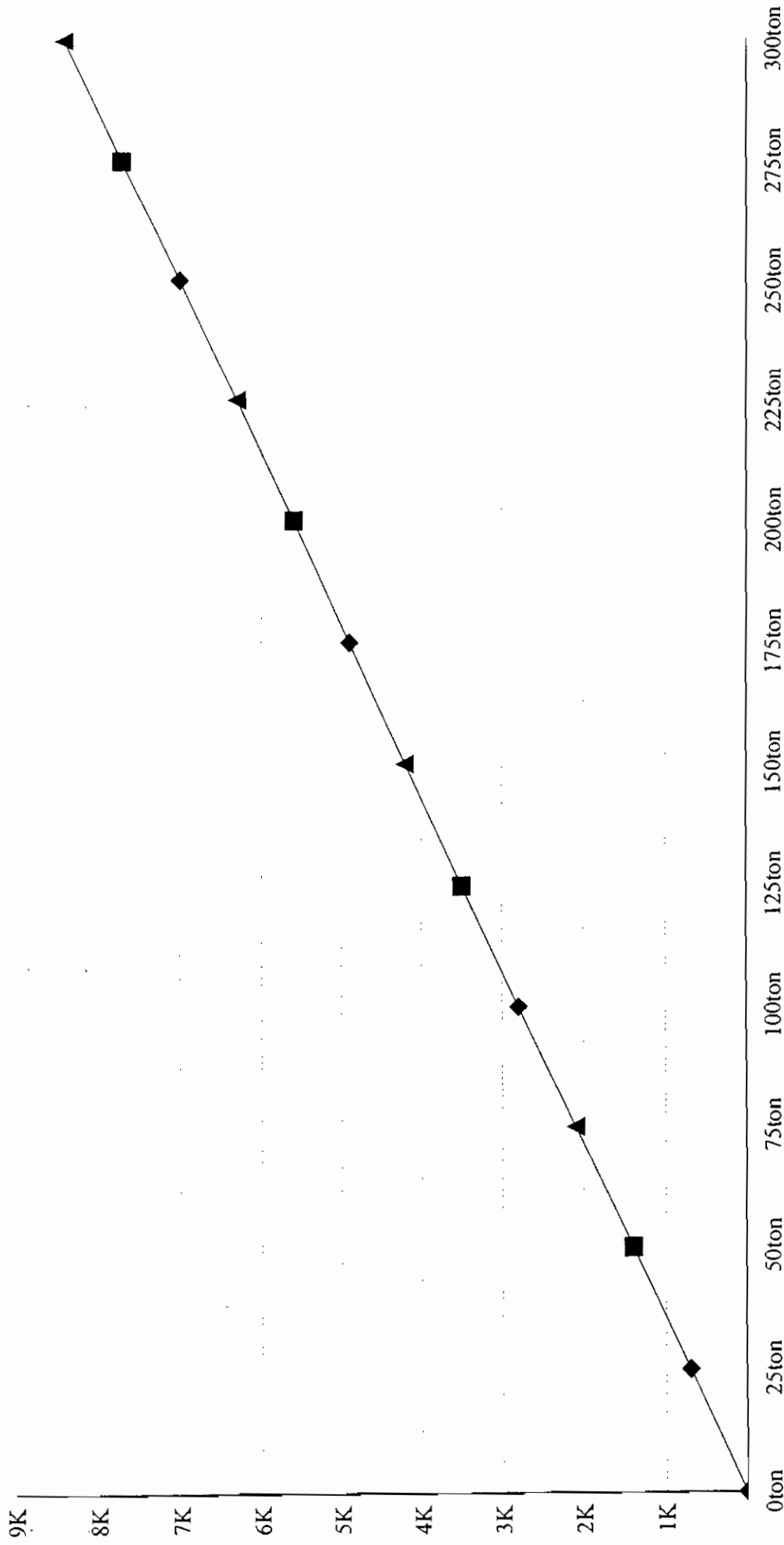
Notary Public

CUSTOMER: Delta Testing
 PROJECT: General Calibration
 DATE: 11/9/2001
 REPORT #: 11901-2

Beerman Precision

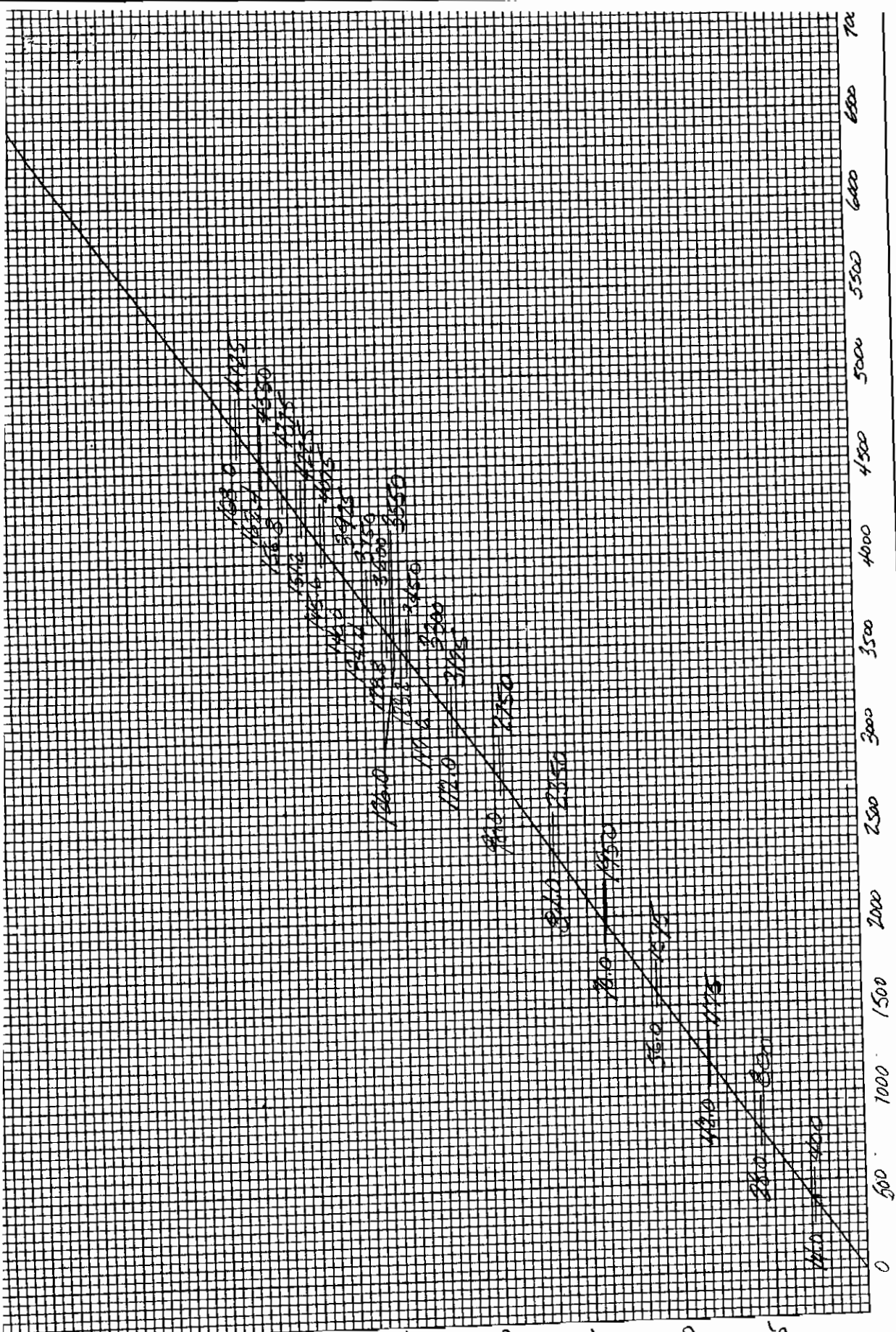
4206 Howard Av.
 New Orleans, LA
 (504)486-9391

Graph shows the relationship of Pressure to Tons. When the Pressure reading is reached the corresponding tons are being applied.



Tons	Pressure Reading
0ton	0
25ton	700
50ton	1400
75ton	2100
100ton	2800
125ton	3500
150ton	4200
175ton	4900
200ton	5600
225ton	6300
250ton	7000
275ton	7700
300ton	8400

DATE	BY	REVISIONS	NO.



75

75

50

25

0 500 1000 1500 2000 2500 3000 3500 4000 4500 5000 5500 6000 6500 7000

Beerman Precision Inc.

4206 Howard Ave. New Orleans, LA. 70125
Phone: (504) 486-9391 Fax: (504) 486-7482

LOADCELL CALIBRATION REPORT

TESTED FOR: Delta Testing

PROJECT: General Calibration

REPORT NO: 11901-1 DATE: 11/9/2001

CELL CAPACITY 2000 KIPS, SERIAL No: BM634

INDICATOR Vishey P3500 SERIAL No: 60924

This report covers the results of calibration for the above described Load cell. Calibration was performed utilizing our 600 ton load cell, S/N 9403, with readout indicator, S/N 0121440 calibrated accurately to within 0.5% of full scale. The load cell was calibrated on February 1, 2001 and is traceable to the National Institute of Standards and Technology. The results are as follows:

Temperature at time of test 78 Deg. F

Zero = 0000 +/- .0001

Test Factor / Gauge Factor = .694

Amp zero = .0000 +/- .0001

By: 

Date: 11/20/01

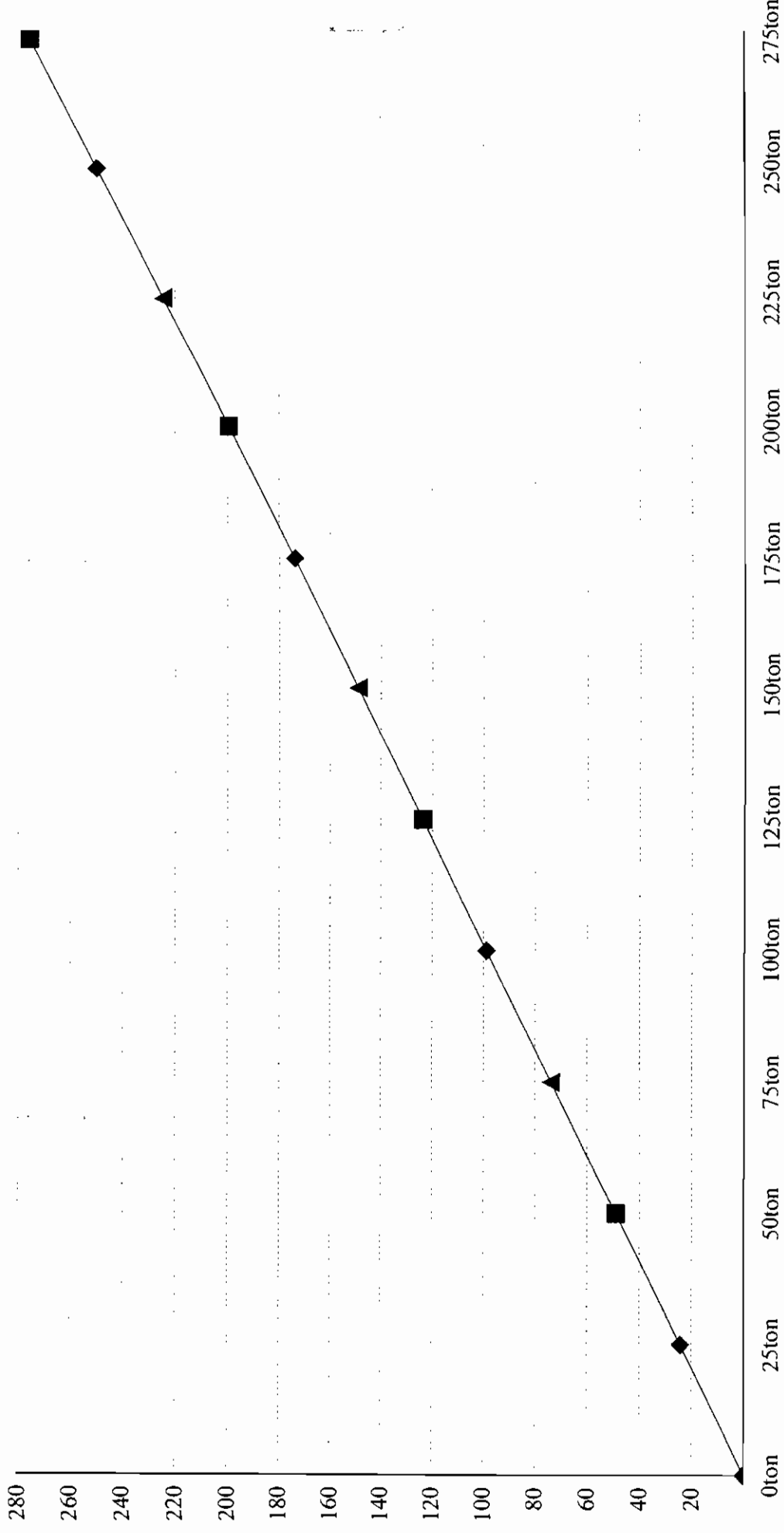
BEERMAN PRECISION INC.

CUSTOMER: Delta Testing
 PROJECT: General Loadcell Calibration
 DATE: 11/9/2001
 REPORT # 11901-1

Beerman Precision

4206 Howard Av.
 New Orleans, LA
 (504)486-9391

Graph shows the relationship of Indicator Reading to Tons. When the Indicator Reading is reached the corresponding Tons are being applied.



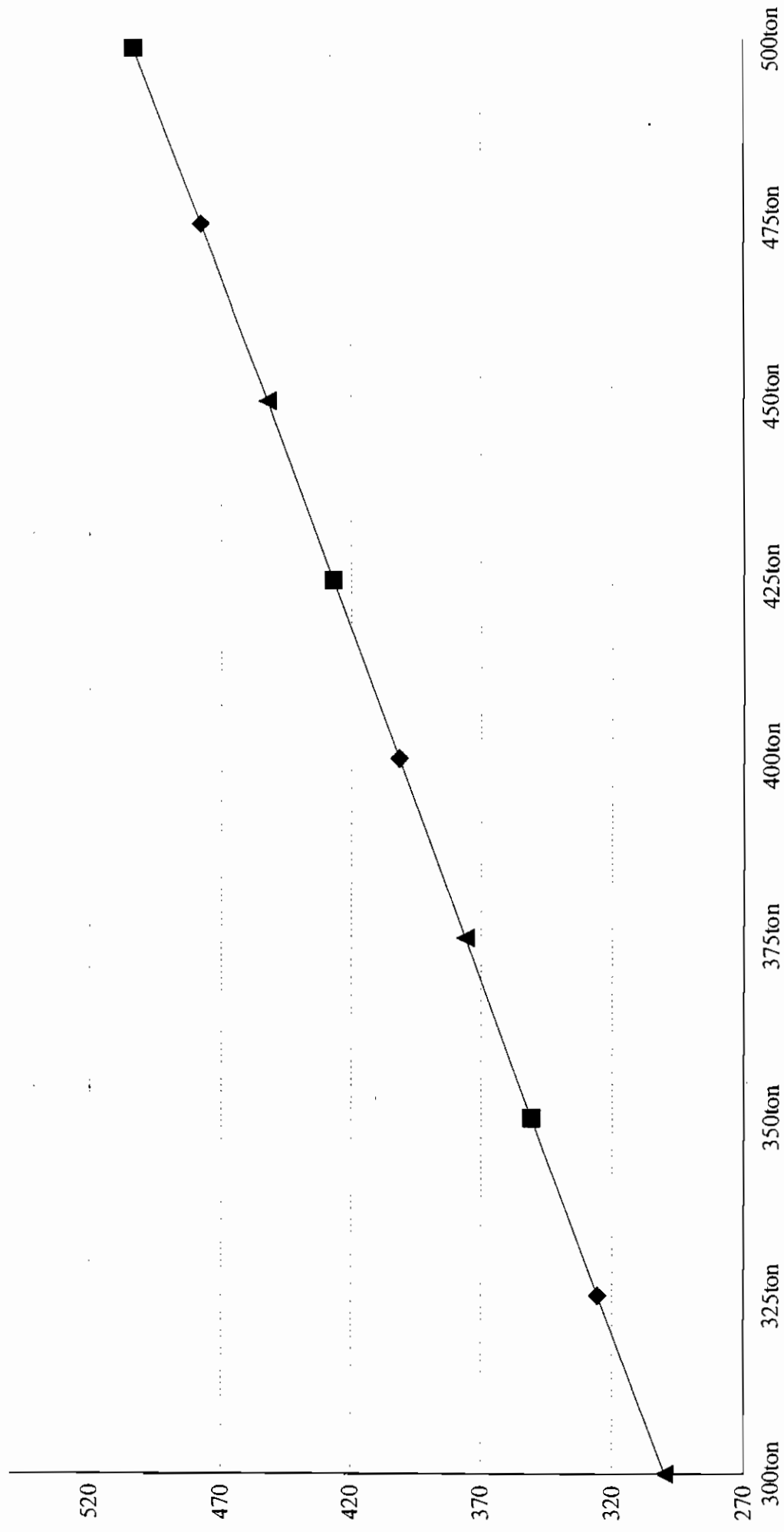
Tons	Indicator Reading
0ton	0.0
25ton	24.3
50ton	49.0
75ton	73.8
100ton	98.8
125ton	123.6
150ton	148.8
175ton	173.7
200ton	199.2
225ton	224.3
250ton	249.4
275ton	274.7

CUSTOMER: Delta Testing
 PROJECT: General Loadcell Calibration
 DATE: 11/9/2001
 REPORT # 11901-1

Beerman Precision

4206 Howard Av.
 New Orleans, LA
 (504)486-9391

Graph shows the relationship of Indicator Reading to Tons. When the Indicator Reading is reached the corresponding Tons are being applied.



Tons	Indicator Reading
300ton	300.0
325ton	325.5
350ton	350.8
375ton	376.0
400ton	401.4
425ton	426.9
450ton	452.1
475ton	477.5
500ton	503.0



DELTA TESTING AND INSPECTION, INC.

P. O. BOX 19172 • NEW ORLEANS, LA. 70179 • PHONE (504) 486-5595

17th STREET OUTFALL CANAL
HAMMOND HWY. COMPLEX
DACW #29-01-C-0026

Submitted by DELTA TESTING & INSPECTION, INC.
for Gulf Construction Group

COMPRESSION PILE TEST SCHEDULE - 56 TON SERVICE LOAD

LOAD (TONS)	HYDRAULIC GAUGE (CHECK)	INCREMENTAL TIME TABLE	REMARKS
0.0			
14.00	<u>400</u>	4 Min. to Load 2 min. Reading 8 Min. - R 15 Min. - R 30 Min. - R 60 Min. - R 120 Min. - R	25% Service Load
28.00	<u>800</u>	4 Min. to Load 2 Min. - R 8 Min. - R 15 Min. - R 30 Min. - R 60 Min. - R 120 Min. - R	50% Service Load
14.00	<u>400</u>	4 Min. to Unload 20 min. - R	Decrement 25%
0.0	<u>0</u>	4 Min. to Unload 20 Min. - R	Decrement 25%
28.00	<u>800</u>	7 Min. to Load 20 Min. - R	Increment 50%
42.00	<u>1175</u>	7 min. to Load 2 Min. - R 8 min. - R 15 Min. - R 30 min. - R 60 min. - R 120 Min. - R	75% Service Load
56.00	<u>1575</u>	4 min. to load 2 Min. - R 8 Min. - R 15 Min. - R 30 Min. - R 60 Min. - R 120 Min. - R	100% Service Load
42.00	<u>1175</u>	4 Min. to Unload 20 min. - R	Decrement 75%
28.00	<u>800</u>	7 Min. to Unload 20 Min. - R	Decrement 50%
0.0	<u>0</u>	7 Min. to Unload 20 Min. - R	Decrement 0%

GO TO PAGE 2

COMPRESSION PILE TEST SCHEDULE - 56 TON SERVICE LOAD

LOAD (TONS)	HYDRAULIC GAUGE (CHECK)	INCREMENTAL TIME TABLE	REMARKS
28.00	<u>800</u>	7 Min. to Load	Increment 50%
		20 Min. - R	
56.00	<u>1575</u>	7 MIN. to Load	Increment 100%
		20 Min. - R	
70.00	<u>1950</u>	4 Min. to Load	125% Service Load
		2 Min. - R	
		8 Min. - R	
		15 Min. - R	
		30 Min. - R	
		60 Min. - R	
		120 min. - R	
84.00	<u>2350</u>	4 Min. to Load	150% Service Load
		2 Min. - R	
		8 Min. - R	
		15 Min. - R	
		30 Min. - R	
		60 Min. - R	
		120 Min. - R	
70.00	<u>1950</u>	4 Min. to Unload	Decrement 125%
		20 Min. - R	
56.00	<u>1575</u>	4 Min. to Unload	Decrement 100%
		20 Min. - R	
28.00	<u>800</u>	7 Min. to Unload	Decrement 50%
		20 Min. - R	
0.0	<u>0</u>	7 Min. to Unload	Decrement 0%
		20 Min. - R	
28.00	<u>800</u>	7 Min. to Load	Increment 50%
		20 Min. - R	
56.00	<u>1575</u>	7 Min. to Load	Increment 100%
		20 Min. - R	
84.00	<u>2350</u>	7 Min. to load	Increment 150%
		20 Min. - R	
98.00	<u>2750</u>	4 Min. to Load	175% Service Load
		2 Min. - R	
		8 Min. - R	
		15 Min. - R	
		30 Min. - R	
		60 Min. - R	
		120 Min. - R	
112.00	<u>3125</u>	4 Min. to Load	200% Service Load
		2 Min. - R	
		8 Min. - R	Hold 200% service
		15 Min. - R	load for 24 hours.
		30 Min. - R	
		60 Min. - R	After 120 Min. - R
		120 Min. - R	take readings each
		3 Hour - R	hour during the
		4 Hour - R	24 hour hold period.
		5 Hour - R	

COMPRESSION PILE TEST SCHEDULE - 56 TON SERVICE LOAD

LOAD (TONS)	HYDRAULIC GAUGE (CHECK)	INCREMENTAL TIME TABLE	REMARKS
112.00	<u>3125</u>	6 Hour - R 23 Hour - R 24 Hour - R	Continuing to hold 200% of service load. If the average rate of settlement is greater than .01"/hr. over the 24 hours hold for 48 hours.
84.00	<u>2350</u>	7 Min. to Unload 20 Min. - R 40 Min. - R 60 Min. - R	Decrement 150%
56.00	<u>1575</u>	7 Min. to Unload 20 Min. - R 40 Min. - R 60 Min. - R	Decrement 100%
28.00	<u>800</u>	7 Min. to Unload 20 Min. - R 40 Min. - R 60 Min. - R	Decrement 50%
0.0	<u>0</u>	7 Min. to Unload 20 Min. - R 40 Min. - R 60 Min. - R	Decrement 0%
28.00	<u>800</u>	7 Min. to Load 20 Min. - R	Increment 50%
56.00	<u>1575</u>	7 Min. to Load 20 Min. - R	Increment 100%
84.00	<u>2350</u>	7 Min. to Load 20 Min. - R	Increment 150%
112.00	<u>3125</u>	7 Min. to Load 20 Min. - R	Increment 200%
117.60	<u>3300</u>	2 Min. to Load 20 Min. - R	Increment 210%
123.20	<u>3450</u>	2 Min. to Load 20 Min. - R	Increment 220%
128.80	<u>3600</u>	2 Min. to Load 20 Min. - R	Increment 230%
134.40	<u>3750</u>	2 Min. to Load 20 Min. - R	Increment 240%
140.00	<u>3925</u>	2 Min. to Load 20 Min. - R	Increment 250%
145.60	<u>4075</u>	2 Min. to Load 20 Min. - R	Increment 260%
151.20	<u>4225</u>	2 Min. to Load 20 Min. - R	Increment 270%

COMPRESSION PILE TEST SCHEDULE - 56 TON SERVICE LOAD

LOAD (TONS)	HYDRAULIC GAUGE (CHECK)	INCREMENTAL TIME TABLE	REMARKS
156.80	<u>4375</u>	2 Min. to Load 20 Min. - R	Increment 280%
162.40	<u>4550</u>	2 Min. to Load 20 Min. - R	Increment 290%
168.00	<u>4725</u>	2 Min. to Load 20 Min. - R 40 Min. - R 60 Min. - R 80 Min. - R 100 Min. - R 120 Min. - R	Increment 300%
126.00	<u>3550</u>	11 Min. to Unload 20 Min. - R	1st Decrement
84.00	<u>2350</u>	11 Min. to Unload 20 Min. - R	2nd Decrement
42.00	<u>1175</u>	11 Min. to Unload 20 Min. - R	3rd Decrement
0.0	<u>0</u>	11 Min. to Unload 20 Min. - R	4th Decrement

END OF TEST

NOTE: If failure occurs before reaching 300% of service load, push the pile down the full extent of the extensometers, (dial gages), then rebound in four equal decrements at the rate of 2 tons per minute for each decrement, and hold each decrement for 20 minutes.

DELTA TESTING INSPECTION, INC. - 17th STREET OUTFALL CANAL - HAMMOND HWY. COMPLEX - DACW 29-01-C-00230MPRESSION TEST
56.0 TON SERVICE LOAD
DNO-14778

PAGE 1	DATE/DAY	DESIGN TIME	LOAD, TONS	HYDRAULIC GAGE: TARGET/ACTUAL	tons	TEST PILE DIAL GAGES		INSTRUMENT READINGS				REACTION PILES-SCALES				Page 1			
						SETTLEMENT DIAL GAGE NO.1	SETTLEMENT DIAL GAGE NO.2	AVERAGE SETTLEMENT DIAL GAGES	BM LEFT	BM RIGHT	HEIGHT OF INSTRUMENT	TEST PILE	ELEV.	DECIMAL	1		2	3	
5/30/02	3:00 PM			0		Start test	0.0	0.0	0	2.30	3.40	12.30	1.00	11.30	0	1.55	2.32	3.25	4.05
"	3:00 PM	14.00		400		Start to Apply Load	x	x	x	x	x	x	x	x	x	x	x	x	x
"	3:04 PM	14.00		ACTUAL 350		Complete Loading	x	x	x	x	x	x	x	x	x	x	x	x	x
"	3:08 PM	14.00		350		Readings	.016	.016	.016	2.30	3.40	12.30	1.01	11.29	.01	x	x	x	x
"	3:12 PM	14.00		350		Take Readings	.016	.016	.016	2.30	3.40	12.30	1.01	11.29	.01	x	x	x	x
"	3:19 PM	14.00		350		Take Readings	.016	.017	.0165	2.30	3.40	12.30	1.01	11.29	.01	x	x	x	x
"	3:34 PM	14.00		350		Take Readings	.016	.017	.0165	2.30	3.40	12.30	1.01	11.29	.01	x	x	x	x
"	4:04 PM	14.00		350		Take Readings	.016	.018	.017	2.30	3.40	12.30	1.01	11.29	.01	1.55	2.32	3.25	4.05
"	5:04 PM	14.00		350		Take Readings	.016	.019	.0175	2.30	3.40	12.30	1.01	11.29	.01	x	x	x	x
"	5:04 PM	28.00		ACTUAL 800		Start to Apply Load	x	x	x	x	x	x	x	x	x	x	x	x	x
"	5:08 PM	28.00		ACTUAL 750		Complete Loading	x	x	x	x	x	x	x	x	x	x	x	x	x
"	5:10 PM	28.00		750		Take Readings	.034	.0345	.0345	2.30	3.40	12.30	1.03	11.27	.03	x	x	x	x
"	5:16 PM	28.00		750		Take Readings	.036	.036	.036	2.30	3.40	12.30	1.03	11.27	.03	x	x	x	x
"	5:23 PM	28.00		750		Take Readings	.036	.0365	.0365	2.30	3.40	12.30	1.03	11.27	.03	x	x	x	x
"	5:38 PM	28.00		750		Take Readings	.036	.0365	.0365	2.30	3.40	12.30	1.03	11.27	.03	x	x	x	x
"	6:08 PM	28.00		750		Take Readings	.038	.039	.0385	2.30	3.40	12.30	1.03	11.27	.03	1.55	2.32	3.25	4.05
"	7:08 PM	28.00		750		Take Readings	.038	.039	.0385	2.30	3.40	12.30	1.03	11.27	.03	x	x	x	x
"	7:08 PM	14.00		ACTUAL 400		Begin Unload	x	x	x	x	x	x	x	x	x	x	x	x	x
"	7:12 PM	14.00		ACTUAL		Complete Unload	x	x	x	x	x	x	x	x	x	x	x	x	x
5/30/02	7:32 PM	14.00		375		Take Readings	.019	.026	.022	2.30	3.40	12.30	1.02	11.28	.03	x	x	x	x

915-9970

Billy Roney

Technicians:
Remarks:

**DELTA TESTING INSPECTION, INC. - 17th STREET OUTFALL CANAL - HAMMOND HWY. COMPLEX - DACW 29-01-C-00290MPRESSION TEST
56.0 TON SERVICE LOAD
DNO-14778**

Page 2	DATE/DAY	TIME	LOAD, TONS	HYDRAULIC GAGE: TARGET/ACTUAL	ACTION	TEST PILE DIAL GAGES			INSTRUMENT READINGS				REACTION PILES-SCALES					
						SETTLEMENT DIAL GAGE NO.1	SETTLEMENT DIAL GAGE NO.2	AVERAGE SETTLEMENT DIAL GAGES	BM LEFT	BM RIGHT	HEIGHT OF INSTRUMENT	AVERAGE TEST PILE	ELEVATION	DECIMAL	1	2	3	4
5/30/02	7:32 PM		0.00	0	Begin Unload Complete	x	x	x	x	x	x	x	x	x	x	x	x	x
-	7:36 PM		0.00	0	Unload	x	x	x	x	x	x	x	x	x	x	x	x	x
-	7:56 PM		0.00	0	Take Readings	-0.095	.006	-0.018	2.30	3.44	12.30	1.00	11.30	.00	x	x	x	x
-	7:56 PM		28.00	800	Begin Loading Complete	x	x	x	x	x	x	x	x	x	x	x	x	x
-	8:03 PM		28.00	ACTUAL	Loading	x	x	x	x	x	x	x	x	x	x	x	x	x
-	8:23 PM		28.00	775	Take Readings	.031	.035	.033	2.30	3.41	12.30	1.04	11.26	.04	x	x	x	x
-	8:23 PM		42.00	1175	Start to Apply Load Complete	x	x	x	x	x	x	x	x	x	x	x	x	x
-	8:27 PM		42.00	ACTUAL	Loading	x	x	x	x	x	x	x	x	x	x	x	x	x
-	8:29 PM		42.00	1100	Take Readings	.054	.053	.0535	2.30	3.42	12.30	1.07	11.23	.07	x	x	x	x
-	8:35 PM		42.00	1100	Take Readings	.054	.054	.054	2.30	3.42	12.30	1.07	11.23	.07	x	x	x	x
-	8:42 PM		42.00	1100	Take Readings	.054	.054	.054	2.30	3.42	12.30	1.07	11.23	.07	x	x	x	x
-	8:57 PM		42.00	1100	Take Readings	.054	.054	.054	2.30	3.42	12.30	1.07	11.23	.07	x	x	x	x
-	9:27 PM		42.00	1100	Take Readings	.054	.054	.054	2.30	3.42	12.30	1.07	11.23	.07	1.55	2.72	3.23	4.35
-	10:27 PM		42.00	1125	Take Readings	.053	.054	.535	2.10	3.42	12.30	1.07	11.23	.07	x	x	x	x
-	10:27 PM		56.00	1575	Start to Apply Load Complete	x	x	x	x	x	x	x	x	x	x	x	x	x
-	10:31 PM		56.00	ACTUAL	Loading	x	x	x	x	x	x	x	x	x	x	x	x	x
-	10:33 PM		56.00	1575	Take Readings	.079	.076	.0775	2.30	3.42	12.30	1.10	11.20	.10	x	x	x	x
-	10:39 PM		56.00	1575	Take Readings	.079	.076	.0775	2.30	3.42	12.30	1.10	11.20	.10	x	x	x	x
-	10:46 PM		56.00	1575	Take Readings	.079	.075	.077	2.30	3.42	12.30	1.10	11.20	.10	x	x	x	x
5/30/02	11:01 PM		56.00	1575	Take Readings	.079	.075	.077	2.30	3.42	12.30	1.10	11.20	.10	x	x	x	x

Technicians:
Remarks:

DELTA TESTING INSPECTION, INC. - 17th STREET OUTFALL CANAL - HAMMOND HWY. COMPLEX - DACW 29-01-C-00200 COMPRESSION TEST
 56.0 TON SERVICE LOAD
 DNO-14778

DATE/DAY	TIME	LOAD, TONS	HYDRAULIC GAGE: TARGET/ACTUAL	ACTION	TEST PILE DIAL GAGES			INSTRUMENT READINGS				REACTION PILES-SCALES					
					SETTLEMENT DIAL GAGE NO.1	SETTLEMENT DIAL GAGE NO.2	AVERAGE SETTLEMENT DIAL GAGES	BM LEFT	BM RIGHT	HEIGHT OF INSTRUMENT	AVERAGE TEST PILE	ELEVATION	DECIMAL	1	2	3	4
5/30/02	11:31 PM	56.00	1575	Take Readings	.079	.075	.077	2.30	3.42	12.30	1.10	11.20	.10	1.55	2.38	3.25	4.05
-	12:31 AM	56.00	1575	Take Readings	.079	.075	.077	2.30	3.42	12.30	1.10	11.20	.10	X	X	X	X
-	12:31 AM	42.00	1175	Begin Unload	X	X	X	X	X	X	X	X	X	X	X	X	X
-	12:35 AM	42.00	ACTUAL	Complete Unload	X	X	X	X	X	X	X	X	X	X	X	X	X
-	12:55 AM	42.00	1125	Take Readings	.063	.061	.063	2.30	3.42	12.30	1.08	11.20	.08	X	X	X	X
-	12:55 AM	28.00	800	Begin Unload	X	X	X	X	X	X	X	X	X	X	X	X	X
-	12:59 AM	28.00	ACTUAL	Complete Unload	X	X	X	X	X	X	X	X	X	X	X	X	X
5/31/02	1:19 AM	28.00	750	Take Readings	.013	.017	.015	2.30	3.42	12.30	1.26	11.21	.04	X	X	X	X
-	1:19 AM	0.00	0	Begin Unload	X	X	X	X	X	X	X	X	X	X	X	X	X
-	1:26 AM	0.00	ACTUAL	Complete Unload	X	X	X	X	X	X	X	X	X	1.55	2.42	3.23	4.05
-	1:46 AM	0.00	0	Take Readings	.092	.003	.000	2.30	3.42	12.30	1.00	11.30	.00	X	X	X	X
-	1:46 AM	28.00	800	Begin Loading	X	X	X	X	X	X	X	X	X	X	X	X	X
-	1:53 AM	28.00	ACTUAL	Complete Loading	X	X	X	X	X	X	X	X	X	X	X	X	X
-	2:13 AM	28.00	750	Take Readings	.031	.031	.035	2.30	3.42	12.30	1.05	11.25	.05	X	X	X	X
-	2:13 AM	56.00	1575	Begin Loading	X	X	X	X	X	X	X	X	X	X	X	X	X
-	2:20 AM	56.00	ACTUAL	Complete Loading	X	X	X	X	X	X	X	X	X	X	X	X	X
-	2:40 AM	56.00	1525	Take Readings	.077	.075	.076	2.30	3.42	12.30	1.10	11.27	.10	X	X	X	X
-	2:40 AM	70.00	1950	Start to Apply Load	X	X	X	X	X	X	X	X	X	X	X	X	X
-	2:44 AM	70.00	ACTUAL	Complete Loading	X	X	X	X	X	X	X	X	X	X	X	X	X
5/31/02	2:46 AM	70.00	1950	Take Readings	.105	.098	.105	2.30	3.42	12.30	1.12	11.14	.14	X	X	X	X

Technicians:
 Remarks:

DELTA TESTING INSPECTION, INC. - 17th STREET OUTFALL CANAL - HAMMOND HWY. COMPLEX - DACW 29-01-C-0020 COMPRESSION TEST
56.0 TON SERVICE LOAD
DNO-14778

DATE/DAY	TIME	LOAD, TONS	HYDRAULIC GAGE: TARGET/ACTUAL	ACTION	TEST PILE DIAL GAGES			INSTRUMENT READINGS					REACTION PILES-SCALES			Page 4	
					SETTLEMENT DIAL GAGE NO.1	SETTLEMENT DIAL GAGE NO. 2	AVERAGE SETTLEMENT DIAL GAGES	BM LEFT	BM RIGHT	HEIGHT OF INSTRUMENT	AVERAGE TEST PILE	ELEVATION	DECIMAL	1	2		3
5/31/02	2:52 AM	70.00	1950	Take Readings	.105	.018	.1035	2.30	3.42	12.30	1.12	11.18	.12	x	x	x	x
-	2:59 AM	70.00	1950	Take Readings	.105	.041	.101	2.30	3.42	12.30	1.12	11.18	.12	x	x	x	x
-	3:14 AM	70.00	1950	Take Readings	.105	.019	.104	2.30	3.42	12.30	1.12	11.18	.12	x	x	x	x
-	3:44 AM	70.00	1950	Take Readings	.109	.101	.105	2.30	3.42	12.30	1.12	11.18	.12	1.55	2.72	2.23	1.05
-	4:44 AM	70.00	1950	Take Readings	.111	.102	.1065	2.30	3.42	12.30	1.12	11.17	.12	x	x	x	x
-	4:44 AM	84.00	2350	Start to Apply Load	x	x	x	x	x	x	x	x	x	x	x	x	x
-	4:48 AM	84.00	ACTUAL	Complete Loading	x	x	x	x	x	x	x	x	x	x	x	x	x
-	4:50 AM	84.00	2400	Take Readings	.139	.126	.1325	2.30	3.42	12.30	1.16	11.14	.12	x	x	x	x
-	4:56 AM	84.00	2400	Take Readings	.131	.126	.1325	2.30	3.42	12.30	1.16	11.14	.12	x	x	x	x
-	5:03 AM	84.00	2400	Take Readings	.131	.126	.1325	2.30	3.42	12.30	1.16	11.14	.12	x	x	x	x
-	5:16 AM	84.00	2400	Take Readings	.131	.130	.1345	2.30	3.42	12.30	1.16	11.14	.12	x	x	x	x
-	5:46 AM	84.00	2400	Take Readings	.146	.132	.139	2.30	3.42	12.30	1.16	11.11	.16	1.57	2.36	3.35	1.07
-	6:48 AM	84.00	2400	Take Readings	.146	.133	.1395	2.30	3.42	12.30	1.16	11.14	.16	x	x	x	x
-	6:48 AM	70.00	1950	Begin Unload	x	x	x	x	x	x	x	x	x	x	x	x	x
-	6:52 AM	70.00	ACTUAL 1950	Complete Unload	x	x	x	x	x	x	x	x	x	x	x	x	x
-	7:12 AM	70.00	1950	Take Readings	.123	.115	.119	2.30	3.42	12.30	1.15	11.15	.15	x	x	x	x
-	7:12 AM	56.00	1575	Begin Unload	x	x	x	x	x	x	x	x	x	x	x	x	x
-	7:16 AM	56.00	ACTUAL 1600	Complete Unload	x	x	x	x	x	x	x	x	x	x	x	x	x
-	7:36 AM	56.00	1600	Take Readings	1.04	.100	.102	2.30	3.42	12.30	1.13	11.17	.13	x	x	x	x
5/31/02	7:36 AM	28.00	800	Begin Unload	x	x	x	x	x	x	x	x	x	x	x	x	x

Technicians:
Remarks:

**DELTA TESTING INSPECTION, INC. - 17th STREET OUTFALL CANAL - HAMMOND HWY. COMPLEX - DACW 29-01-C-00230MPRESSION TEST
56.0 TON SERVICE LOAD
DNO-14778**

Page 5	DATE/DAY	TIME	LOAD, TONS	HYDRAULIC GAGE: TARGET/ACTUAL	ACTION	TEST PILE DIAL GAGES			INSTRUMENT READINGS				REACTION PILES-SCALES			Page 5	
						SETTLEMENT DIAL GAGE NO.1	SETTLEMENT DIAL GAGE NO.2	AVERAGE SETTLEMENT DIAL GAGES	BM LEFT	BM RIGHT	HEIGHT OF INSTRUMENT	AVERAGE TEST PILE	ELEVATION	DECIMAL	1		2
5/31/02	7:43 AM		28.00	800	Complete Unload	x	x	x	x	x	x	x	1.55	2.34	3.25	4.07	
"	8:03 AM		28.00	800	Take Readings	.055	.058	.0565	2.30	3.42	12.30	1.08	11.22	.08	x	x	x
"	8:03 AM		0.00	0	Begin Unload	x	x	x	x	x	x	x	x	x	x	x	x
"	8:10 AM		0.00	0	Complete Unload	x	x	x	x	x	x	x	x	x	x	x	x
"	8:30 AM		0.00	0	Take Readings	.006	.012	.003	2.30	3.42	12.30	1.02	11.28	.02	x	x	x
"	8:30 AM		28.00	800	Begin Loading	x	x	x	x	x	x	x	x	x	x	x	x
"	8:37 AM		28.00	800	Complete Loading	x	x	x	x	x	x	x	x	x	x	x	x
"	8:57 AM		28.00	800	Take Readings	.040	.052	.046	2.30	3.42	12.30	1.06	11.24	.06	x	x	x
"	8:57 AM		56.00	1575	Begin Loading	x	x	x	x	x	x	x	x	x	x	x	x
"	9:04 AM		56.00	1600	Complete Loading	x	x	x	x	x	x	x	x	x	x	x	x
"	9:24 AM		56.00	1600	Take Readings	.091	.099	.095	2.29	3.42	12.29	1.11	11.18	.12	x	x	x
"	9:24 AM		84.00	2350	Begin Loading	x	x	x	x	x	x	x	x	x	x	x	x
"	9:31 AM		84.00	2350	Complete Loading	x	x	x	x	x	x	x	x	x	x	x	x
"	9:51 AM		84.00	2350	Take Readings	.145	.137	.141	2.29	3.42	12.29	1.17	11.12	.18	x	x	x
"	9:51 AM		98.00	2750	Begin Loading	x	x	x	x	x	x	x	x	x	x	x	x
"	9:55 AM		98.00	2775	Complete Loading	x	x	x	x	x	x	x	x	x	x	x	x
"	9:57 AM		98.00	2775	Take Readings	.173	.160	.1665	2.29	3.42	12.29	1.19	11.10	.20	x	x	x
"	10:03 AM		98.00	2775	Take Readings	.176	.162	.169	2.29	3.42	12.29	1.19	11.10	.20	x	x	x
"	10:10 AM		98.00	2775	Take Readings	.176	.163	.1695	2.29	3.42	12.29	1.19	11.10	.20	x	x	x
5/31/02	10:25 AM		98.00	2775	Take Readings	.178	.164	.171	2.29	3.42	12.29	1.19	11.10	.20	x	x	x

Technicians:
Remarks:

DELTA TESTING INSPECTION, INC. - 17th STREET OUTFALL CANAL - HAMMOND HWY. COMPLEX - DACW 29-01-C-00200 COMPRESSION TEST
56.0 TON SERVICE LOAD
DNO-14778

DATE/DAY	TIME	LOAD, TONS	HYDRAULIC GAGE: TARGET/ACTUAL	ACTION	TEST PILE DIAL GAGES			INSTRUMENT READINGS					REACTION PILES-SCALES				Page 6
					SETTLEMENT DIAL GAGE NO.1	SETTLEMENT DIAL GAGE NO.2	AVERAGE SETTLEMENT DIAL GAGES	BM - LEFT	BM RIGHT	HEIGHT OF INSTRUMENT	AVERAGE TEST PILE	ELEVATION DECIMAL	1	2	3	4	
5/31/02	10:55 AM	98.00	2775	Take Readings	.179	.167	.173	2.29	3.42	12.29	1.19	11.10	.20	1.60	2.38	3.28	4.10
"	11:55 AM	98.00	2775	Take Readings	.181	.171	.176	2.29	3.42	12.29	1.19	11.10	.20	x	x	x	x
"	11:55 AM	112.00	3125	Begin Loading	x	x	x	x	x	x	x	x	x	x	x	x	x
BEGIN 24 HOUR HOLD	11:59 AM	112.00	3150	Complete Loading	x	x	x	x	x	x	x	x	x	x	x	x	x
"	12:01 PM	112.00	3150	Take Readings	.209	.193	.201	2.29	3.42	12.29	1.23	11.06	.24	x	x	x	x
"	12:07 PM	112.00	3150	Take Readings	.211	.193	.202	2.29	3.42	12.29	1.23	11.06	.24	x	x	x	x
"	12:14 PM	112.00	3150	Take Readings	.212	.193	.2035	2.29	3.42	12.29	1.23	11.06	.24	x	x	x	x
"	12:29 PM	112.00	3150	Take Readings	.214	.195	.2045	2.29	3.42	12.29	1.23	11.06	.24	x	x	x	x
"	12:59 PM	112.00	3150	Take Readings	.216	.197	.2065	2.29	3.42	12.29	1.23	11.06	.24	x	x	x	x
"	1:59 PM	112.00	3150	Take Readings	.218	.200	.209	2.29	3.42	12.29	1.23	11.06	.24	x	x	x	x
"	2:59 PM	112.00	3150	Take Readings	.234	.200	.217	2.29	3.42	12.29	1.23	11.06	.24	x	x	x	x
"	3:59 PM	112.00	3150	Take Readings	.224	.201	.2135	2.29	3.42	12.29	1.23	11.06	.24	x	x	x	x
"	4:59 PM	112.00	3150	Take Readings	.224	.203	.2135	2.29	3.42	12.29	1.23	11.06	.24	x	x	x	x
"	5:59 PM	112.00	3150	Take Readings	.213	.200	.2065	2.29	3.41	12.29	1.23	11.06	.24	x	x	x	x
"	6:59 PM	112.00	3150	Take Readings	.211	.201	.206	2.29	3.41	12.29	1.24	11.05	.25	x	x	x	x
"	7:59 PM	112.00	3150	Take Readings	.219	.204	.211	2.29	3.41	12.29	1.24	11.05	.25	x	x	x	x
"	8:59 PM	112.00	3150	Take Readings	.219	.204	.211	2.29	3.41	12.29	1.24	11.05	.25	x	x	x	x
"	9:59 PM	112.00	3150	Take Readings	.219	.204	.211	2.29	3.41	12.29	1.24	11.05	.25	x	x	x	x
"	10:59 PM	112.00	3150	Take Readings	.219	.204	.211	2.29	3.41	12.29	1.25	11.04	.26	x	x	x	x
5/31/02	11:59 PM	112.00	3150	Take Readings	.219	.204	.211	2.29	3.41	12.29	1.25	11.04	.26	x	x	x	x

Technicians:
Remarks:

**DELTA TESTING INSPECTION, INC. - 17th STREET OUTFALL CANAL - HAMMOND HWY. COMPLEX - DACW 29-01-C-00200MPRESSION TEST
56.0 TON SERVICE LOAD
DNO-14778**

Page 7	DATE/DAY	TIME	LOAD, TONS	HYDRAULIC GAGE: TARGET/ACTUAL	ACTION	TEST PILE DIAL GAGES			INSTRUMENT READINGS						REACTION PILES-SCALES				Page 7
						SETTLEMENT DIAL GAGE NO.1	SETTLEMENT DIAL GAGE NO.2	AVERAGE SETTLEMENT DIAL GAGES	BM LEFT	BM RIGHT	HEIGHT OF INSTRUMENT	AVERAGE TEST PILE	ELEVATION	DECIMAL	1	2	3	4	
6/1/02	12:59 AM		112.00	ACTUAL	Take Readings	.219	.204	.211	2.30	3.41	12.30	1.25	11.05	.25	x	x	x	x	
"	1:59 AM		112.00		Take Readings	.219	.205	.212	2.30	3.41	12.30	1.25	11.05	.25	x	x	x	x	
"	2:59 AM		112.00		Take Readings	.219	.205	.212	2.30	3.41	12.30	1.25	11.05	.25	x	x	x	x	
"	3:59 AM		112.00		Take Readings	.219	.205	.212	2.30	3.41	12.30	1.25	11.05	.25	x	x	x	x	
"	4:59 AM		112.00		Take Readings	.219	.205	.212	2.30	3.41	12.30	1.25	11.05	.25	x	x	x	x	
"	5:59 AM		112.00		Take Readings	.219	.205	.212	2.29	3.42	12.29	1.25	11.04	.26	x	x	x	x	
"	6:59 AM		112.00	3200	Take Readings	.216	.202	.209	2.29	3.42	12.29	1.25	11.04	.27	x	x	x	x	
"	7:59 AM		112.00	3200	Take Readings	.219	.204	.215	2.29	3.42	12.29	1.25	11.03	.27	x	x	x	x	
"	8:59 AM		112.00	3200	Take Readings	.224	.215	.219	2.29	3.42	12.29	1.25	11.03	.27	x	x	x	x	
"	9:59 AM		112.00	3175	Take Readings	.224	.212	.218	2.29	3.42	12.29	1.25	11.03	.27	x	x	x	x	
"	10:59 AM		112.00	3200	Take Readings	.225	.229	.227	2.29	3.42	12.29	1.25	11.03	.27	x	x	x	x	
End 24 Hr. Hold	11:59 AM		112.00	3175	Take Readings	.224	.218	.221	2.29	3.46	12.29	1.26	11.03	.27	x	x	x	x	
"	11:59 AM		84.00	2350	Begin Unload	x	x	x	x	x	x	x	x	x	x	x	x	x	
"	12:06 PM		84.00	ACTUAL 2350	Complete Unload	x	x	x	x	x	x	x	x	x	x	x	x	x	
"	12:26 PM		84.00	2350	Take Readings	.181	.176	.178	2.29	3.42	12.29	1.22	11.07	.23	x	x	x	x	
"	12:46 PM		84.00	2350	Take Readings	.181	.175	.177	2.29	3.42	12.29	1.22	11.07	.23	x	x	x	x	
"	1:06 PM		84.00	2350	Take Readings	.180	.174	.177	2.29	3.42	12.29	1.22	11.07	.23	x	x	x	x	
"	1:06 PM		56.00	1575	Begin Unload	x	x	x	x	x	x	x	x	x	x	x	x	x	
"	1:13 PM		56.00	ACTUAL	Complete Unload	x	x	x	x	x	x	x	x	x	x	x	x	x	
6/1/02	1:33 PM		56.00		Take Readings	.125	.130	.127	2.29		12.29	1.16	11.07	.23	x	x	x	x	

Technicians:
Remarks:

**DELTA TESTING INSPECTION, INC. - 17th STREET OUTFALL CANAL - HAMMOND HWY. COMPLEX - DACW 29-01-C-00200 COMPRESSION TEST
56.0 TON SERVICE LOAD
DNO-14778**

Page 8	DATE/DAY	TIME	LOAD, TONS	HYDRAULIC GAGE: TARGET/ACTUAL	ACTION	TEST PILE DIAL GAGES			INSTRUMENT READINGS				REACTION PILES-SCALES				Page 8	
						SETTLEMENT DIAL GAGE NO.1	SETTLEMENT DIAL GAGE NO.2	AVERAGE SETTLEMENT DIAL GAGES	BM LEFT	BM RIGHT	HEIGHT OF INSTRUMENT	AVERAGE TEST PILE	ELEVATION	DECIMAL	1	2		3
6/1/02	1:53 PM		56.00	1600	Take Readings	.126	.129	.1275	2.29	3.42	12.29	1.16	11.07	.23	X	X	X	X
"	2:13 PM		56.00	1600	Take Readings	.128	.129	.1285	2.29	3.42	12.29	1.16	11.07	.23	X	X	X	X
"	2:13 PM		28.00	800	Begin Unload	X	X	X	X	X	X	X	X	X	X	X	X	X
"	2:20 PM		28.00	775	Complete Unload	X	X	X	X	X	X	X	X	X	X	X	X	X
"	2:40 PM		28.00	775	Take Readings	.080	.078	.079	2.29	3.42	12.29	1.10	11.19	.11	X	X	X	X
"	3:00 PM		28.00	775	Take Readings	.081	.077	.079	2.29	3.42	12.29	1.10	11.19	.11	X	X	X	X
"	3:20 PM		28.00	775	Take Readings	.065	.074	.0695	2.29	3.42	12.29	1.10	11.19	.11	X	X	X	X
"	3:20 PM		0.00	0	Begin Unload	X	X	X	X	X	X	X	X	X	X	X	X	X
"	3:27 PM		0.00	0	Complete Unload	X	X	X	X	X	X	X	X	X	1.58	2.34	3.27	4.07
"	3:47 PM		0.00	0	Take Readings	.005	.018	.0065	2.29	3.42	12.29	1.03	11.26	.04	X	X	X	X
"	4:07 PM		0.00	0	Take Readings	.001	.018	.0095	2.29	3.42	12.29	1.03	11.26	.04	X	X	X	X
"	4:27 PM		0.00	0	Take Readings	0	.018	.009	2.29	3.42	12.29	1.03	11.26	.04	X	X	X	X
"	4:27 PM		28.00	800	Begin Loading	X	X	X	X	X	X	X	X	X	X	X	X	X
"	4:34 PM		28.00	750	Complete Loading	X	X	X	X	X	X	X	X	X	X	X	X	X
"	4:54 PM		28.00	750	Take Readings	.038	.052	.045	2.29	3.42	12.29	1.06	11.23	.07	X	X	X	X
"	4:54 PM		56.00	1575	Begin Loading	X	X	X	X	X	X	X	X	X	X	X	X	X
"	5:01 PM		56.00	1600	Complete Loading	X	X	X	X	X	X	X	X	X	X	X	X	X
"	5:21 PM		56.00	1600	Take Readings	.078	.093	.0855	2.29	3.42	12.29	1.12	11.17	.13	1.61	2.39	3.30	4.12
"	5:21 PM		84.00	2350	Begin Loading	X	X	X	X	X	X	X	X	X	X	X	X	X
6/1/02	5:28 PM		84.00	2350	Complete Loading	X	X	X	X	X	X	X	X	X	X	X	X	X

DELTA TESTING INSPECTION, INC. - 17th STREET OUTFALL CANAL - HAMMOND HWY. COMPLEX - DACW 29-01-C-00280MPRESSION TEST
56.0 TON SERVICE LOAD
DNO-14778

Page 9	DATE/DAY	TIME	LOAD, TONS	HYDRAULIC GAGE: TARGET/ACTUAL	ACTION	TEST PILE DIAL GAGES		INSTRUMENT READINGS				REACTION PILES-SCALES			Page 9			
						SETTLEMENT DIAL GAGE NO.1	SETTLEMENT DIAL GAGE NO. 2	AVERAGE SETTLEMENT DIAL GAGES	BM LEFT	BM RIGHT	HEIGHT OF INSTRUMENT	AVERAGE TEST PILE ELEVATION	ELEVATION DECIMAL	6.5		2	3	
6/1/02	5:48 PM		84.00	2350	Take Readings	.129	.139	.134	2.29	3.41	12.29	1.17	11.12	.18	x	x	x	4
"	5:48 PM		112.00	3125	Begin Loading	x	x	x	x	x	x	x	x	x	x	x	x	x
"	5:55 PM		112.00	3100	Complete Loading	x	x	x	x	x	x	x	x	x	x	x	x	x
"	6:15 PM		112.00	3100	Take Readings	.189	.190	.1985	2.29	3.41	12.29	1.24	11.05	.25	x	x	x	x
"	6:15 PM		117.60	3300	Begin Loading	x	x	x	x	x	x	x	x	x	x	x	x	x
"	6:17 PM		117.60	3275	Complete Loading	x	x	x	x	x	x	x	x	x	1.64	2.41	3.30	4.15
"	6:37 PM		117.60	3450	Take Readings	.211	.211	.211	2.29	3.41	12.29	1.26	11.03	.26	x	x	x	x
"	6:37 PM		123.20	3450	Begin Loading	x	x	x	x	x	x	x	x	x	x	x	x	x
"	6:39 PM		123.20	3400	Complete Loading	x	x	x	x	x	x	x	x	x	1.64	2.41	3.30	4.15
"	6:59 PM		123.20	3600	Take Readings	.238	.215	.2265	2.29	3.41	12.29	1.27	11.02	.28	x	x	x	x
"	6:59 PM		128.80	3600	Begin Loading	x	x	x	x	x	x	x	x	x	x	x	x	x
"	7:01 PM		128.80	3550	Complete Loading	x	x	x	x	x	x	x	x	x	1.65	2.42	3.30	4.15
"	7:21 PM		128.80	3750	Take Readings	.240	.234	.237	2.29	3.41	12.29	1.29	11.00	.30	x	x	x	x
"	7:21 PM		134.40	3750	Begin Loading	x	x	x	x	x	x	x	x	x	x	x	x	x
"	7:23 PM		134.40	3700	Complete Loading	x	x	x	x	x	x	x	x	x	1.64	2.42	3.30	4.15
"	7:43 PM		134.40	3925	Take Readings	.261	.254	.2575	2.29	3.41	12.29	1.30	10.99	.31	x	x	x	x
"	7:43 PM		140.00	3925	Begin Loading	x	x	x	x	x	x	x	x	x	x	x	x	x
"	7:45 PM		140.00	3900	Complete Loading	x	x	x	x	x	x	x	x	x	1.65	2.42	3.30	4.15
"	8:05 PM		140.00	4075	Take Readings	.285	.276	.2805	2.29	3.41	12.29	1.33	10.96	.34	x	x	x	x
6/1/02	8:05 PM		145.60	4075	Begin Loading	x	x	x	x	x	x	x	x	x	x	x	x	x

Technicians:
Remarks:

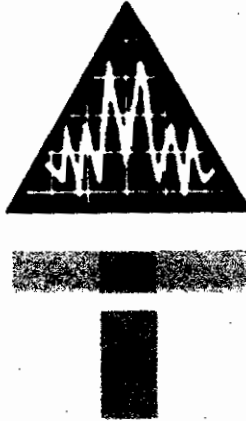
DELTA TESTING INSPECTION, INC. - 17th STREET OUTFALL CANAL - HAMMOND HWY. COMPLEX - DACW 29-01-C-0020 COMPRESSION TEST
 56.0 TON SERVICE LOAD
 DNO-14778

DATE/DAY	TIME	HYDRAULIC GAGE: TARGET/ACTUAL	ACTION	TEST PILE DIAL GAGES		INSTRUMENT READINGS				REACTION PILES-SCALES							
				SETTLEMENT DIAL GAGE NO. 1	SETTLEMENT DIAL GAGE NO. 2	AVERAGE SETTLEMENT DIAL GAGES	BM LEFT	BM RIGHT	HEIGHT OF INSTRUMENT	AVERAGE TEST PILE	ELEVATION DECIMAL	1	2	3	4		
6/1/02	8:07 PM	145.60	Complete Loading	x	x	x	x	x	x	x	x	x	x	x	x	x	x
-	8:27 PM	145.60	Take Readings	3.28	3.18	3.23	2.29	3.41	12.29	1.38	10.91	.39	x	2.42	3.30	4.15	x
-	8:27 PM	151.20	Begin Loading	x	x	x	x	x	x	x	x	x	x	x	x	x	x
-	8:29 PM	151.20	Complete Loading	x	x	x	x	x	x	x	x	x	x	x	x	x	x
-	8:49 PM	151.20	Take Readings	.445	.434	.4345	2.29	3.41	12.29	1.50	10.79	.52	x	2.42	3.30	4.15	x
-	8:49 PM	158.80	Begin Loading	Test pile reached x 156 tons	x	x	x	x	would not hold	x	x	x	x	x	x	x	x
-	8:51 PM	156.80	Complete Loading	x	x	x	x	x	x	x	x	x	x	2.42	3.30	4.15	x
-	9:11 PM	156.80	Take Readings	2.024	2.015	2.0195	2.29	3.41	12.29	3.09	9.20	2.10	x	x	x	x	x
-	9:11 PM	162.40	Begin Loading	x	x	x	x	x	x	x	x	x	x	x	x	x	x
-	9:13 PM	162.40	Complete Loading	x	x	x	x	x	x	x	x	x	x	x	x	x	x
-	9:33 PM	140 162.40	Take Readings	2.028	2.019	2.0235	2.29	3.41	12.29	3.09	9.20	2.10	x	x	x	x	x
-	9:33 PM	168.00	Begin Loading	x	x	x	x	x	x	x	x	x	x	x	x	x	x
-	9:35 PM	168.00	Complete Loading	x	x	x	x	x	x	x	x	x	x	x	x	x	x
-	9:30 9:55 PM	168.00	Take Readings	1.982	1.982	1.982	2.29	3.41	12.29	3.01	9.25	2.05	x	x	x	x	x
-	9:45 10:15 PM	75 168.00	Take Readings	1.912	1.928	1.920	2.29	2.41	12.29	2.98	9.31	1.99	x	x	x	x	x
-	10:00 10:35 PM	35 168.00	Take Readings	1.825	1.851	1.8475	2.29	3.41	12.29	2.81	9.40	1.90	x	x	x	x	x
-	10:15 10:55 PM	0 168.00	Take Readings	1.722	1.755	1.7385	2.29	3.41	12.29	2.78	9.51	1.79	x	x	x	x	x
-	11:15 PM	168.00	Take Readings	1.722	1.755	1.7385	2.29	3.41	12.29	2.78	9.51	1.79	x	x	x	x	x
-	11:35 PM	168.00	Take Readings										x	x	x	x	x
6/1/02	11:35 PM	126.00	Begin Unload	x	x	x	x	x	x	x	x	x	x	x	x	x	x

**DELTA TESTING INSPECTION, INC. - 17th STREET OUTFALL CANAL - HAMMOND HWY. COMPLEX - DACW 29-01-C-00260 COMPRESSION TEST
56.0 TON SERVICE LOAD
DNO-14778**

Page 11		INSTRUMENT READINGS										REACTION PILES-SCALES				Page 10
DATE/DAY	TIME	HYDRAULIC GAGE: TARGET/ACTUAL	ACTION	SETTLEMENT DIAL GAGE NO.1	SETTLEMENT DIAL GAGE NO. 2	AVERAGE SETTLEMENT DIAL GAGES	BM LEFT	BM RIGHT	HEIGHT OF INSTRUMENT	AVERAGE TEST PILE	ELEVATION	DECIMAL	1	2	3	4
6/1/02	11:46 PM	126.00	Complete Unload Take Readings	X	X	X	X	X	X	X	X	X	X	X	X	X
6/2/02	12:06 AM	126.00	Begin Unload	X	X	X	X	X	X	X	X	X	X	X	X	X
"	12:06 AM	84.00	Complete Unload	X	X	X	X	X	X	X	X	X	X	X	X	X
"	12:17 AM	84.00	Take Readings	X	X	X	X	X	X	X	X	X	X	X	X	X
"	12:37 AM	84.00	Begin Unload	X	X	X	X	X	X	X	X	X	X	X	X	X
"	12:37 AM	42.00	Complete Unload	X	X	X	X	X	X	X	X	X	X	X	X	X
"	12:48 AM	42.00	Take Readings	X	X	X	X	X	X	X	X	X	X	X	X	X
"	1:08 AM	42.00	Begin Unload	X	X	X	X	X	X	X	X	X	X	X	X	X
"	1:08 AM	0.00	Complete Unload	X	X	X	X	X	X	X	X	X	X	X	X	X
"	1:19 AM	0.00	Take Readings	X	X	X	X	X	X	X	X	X	X	X	X	X
END OF TEST	1:39 AM	0.00	Readings													

Technicians:
Remarks:



REPORT NO. 1

**TEST PILE NO. 1
FOUNDATION PILE COMPRESSION LOAD TEST
ON 14X73 "H" TYPE STEEL PILE, 85 FEET IN TOTAL
LENGTH, DRIVEN TO A TIP ELEVATION OF -78.53 (NGVD)**

**17th STREET OUTFALL CANAL
HAMMOND HIGHWAY COMPLEX
DACW #29-01-C-0026
NEW ORLEANS, LA**

**FOR
GULF GROUP, INC.**

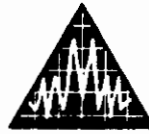
JUNE 3, 2002

DELTA TESTING AND INSPECTION, INC.

725 S. GENOIS STREET

• NEW ORLEANS, LA 70119

• PHONE (504) 486-5595



DELTA TESTING AND INSPECTION, INC.

725 S. GENOIS STREET • NEW ORLEANS, LA. 70119 • PHONE (504) 486-5595 • FAX (504) 486-5598

Report No. 1

June 3, 2002

DNO-14778

DESCRIPTION

: **Foundation Pile - Compression Load Test on
14x73 "H" Type Steel Pile, 85 Feet in Total Length,
Driven To a Tip Elevation of -78.53 (NGVD)**

PROJECT

: **17TH Street Outfall Canal
Hammond Highway Complex
DACW #29-01-C-0026
New Orleans, LA**

ENGINEER

: **U. S. Army Corps of Engineers (C.O.E.)**

FOR AND REPORTED TO

: **Gulf Group, Inc.
1654 E. 5th St.
Panama City, Louisiana 32401**

ATTN.: Mr. Ted Holland

Material:

One, 14x73 "H" type steel pile, was driven on May 6, 2002, at the above referenced project. The pile was 85 feet in total length, driven to a tip elevation of -78.53 (NGVD).

The test pile was tested beginning on Thursday, 5/30/02, using the C.O.E. approved procedure.

The reaction set up utilized four 14-inch steel "H" piles attached to a steel framing system.

Equipment:

Piles were driven using a Del-Mag D19-32. The hammer has a 4000-pound piston to produce 21,220 ft-lbs of energy per blow on setting 1 and is designed to operate at 52 blows per minute.

NOTE: The above equipment information was provided to us by a representative of the contractor and confirmed by observation.

Test was conducted using a single calibrated 300-ton hydraulic jack and a single calibrated 1000-ton electronic load cell bearing against a steel cross beams.

The preliminary settlement measurements were made using two dial gauges (3" travel) attached to opposite sides of the test pile, bearing on glass plates mounted to 3"x3" steel angle reference beams. Dial gauges were read to the nearest 1/1000th inch.

Back-up settlement measurements were made using a surveyor's level, a scale fixed on the test pile proper and two referenced benchmarks. Scales were read to the nearest 1/100th inch. Primary readings are reflected below. A copy of the field report is attached for reference.

Page 2
 DNO-14778
 Gulf Group, Inc.
 17th Street Outfall Canal - Hammond Highway Complex
 DACW #29-01-C-0026
 New Orleans, LA

Weather conditions were rain at start of test, then moderate for the remainder of the test.

Load Test Procedure:

The loads were applied in accordance with client's instructions, to comply with C.O.E. requirements.

Results of Test:

Test Pile No. 1
 56-Ton Service Load
 Foundation Pile – Compression Load Test On
 14X73 "H" Type Steel Pile, 85 Feet In Total Length,
 Driven To A Tip Elevation Of -78.53 (NGVD)
 Date Driven 5/6/02

Load (Tons)	Incremental Time	Settlement Inches-Dial #1	Settlement Inches-Dial #2	Average Of Dials	Remarks
0.0	0	0.00	0.00	0.00	3:00 pm, 5/30/02
14.0 (25%)	2 Min.	0.016	0.016	0.016	1 st Increment
	8 Min.	0.016	0.016	0.016	
	15 Min.	0.016	0.017	0.165	
	30 Min.	0.016	0.017	0.0165	
	60 Min.	0.016	0.018	0.017	
	120 Min.	0.016	0.019	0.0175	
28.0 (50%)	2 Min.	0.034	0.035	0.345	2 nd Increment
	8 Min.	0.036	0.036	0.036	
	15 Min.	0.036	0.037	0.365	
	30 Min.	0.036	0.037	0.365	
	60 Min.	0.038	0.039	0.385	
	120 Min.	0.038	0.039	0.385	
14.0 (25%)	20 Min.	0.018	0.026	0.022	1 st Decrement
0.0	20 Min.	0.095	0.006	0.001	2 nd Decrement 7:56 pm, 5/30/02
28.0 (50%)	20 Min.	0.031	0.035	0.033	Reload To 1 st Increment

Results of Test (Continued):

Load (Tons)	Incremental Time	Settlement Inches-Dial #1	Settlement Inches-Dial #2	Average Of Dials	Remarks
42.0 (75%)	2 Min.	0.054	0.053	0.535	Reload To 2 nd Increment
	8 Min.	0.054	0.054	0.054	
	15 Min.	0.054	0.054	0.054	
	30 Min.	0.054	0.054	0.054	
	60 Min.	0.054	0.054	0.054	
	120 Min.	0.058	0.054	0.0535	
56.0 (100%)	2 Min.	0.079	0.076	0.0775	Reload To 3 rd Increment
	8 Min.	0.079	0.076	0.0775	
	15 Min.	0.079	0.075	0.077	
	30 Min.	0.079	0.075	0.077	
	60 Min.	0.079	0.075	0.077	
	120 Min.	0.079	0.075	0.077	
42.0 (75%)	20 Min.	0.062	0.064	0.063	1 st Decrement
28.0 (50%)	20 Min.	0.043	0.047	0.045	2 nd Decrement
0.0	20 Min.	0.002 Bad Number	0.008	0.000	3 rd Decrement
28.0 (50%)	20 Min.	0.031	0.039	0.035	1 st Increment
56.0 (100%)	20 Min.	0.077	0.075	0.076	2 nd Increment
70.0 (125%)	2 Min.	0.105	0.098	0.1015	3 rd Increment
	8 Min.	0.105	0.098	0.1035	
	15 Min.	0.105	0.099	0.104	
	30 Min.	0.105	0.099	0.104	
	60 Min.	0.109	0.101	0.105	
	120 Min.	0.111	0.102	0.1065	
84.0 (150%)	2 Min.	0.139	0.126	0.1325	4 th Increment
	8 Min.	0.139	0.126	0.1325	
	15 Min.	0.139	0.126	0.1325	
	30 Min.	0.139	0.130	0.1345	
	60 Min.	0.146	0.132	0.139	
	120 Min.	0.146	0.133	0.1395	

Results of Test (Continued):

Load (Tons)	Incremental Time	Settlement Inches-Dial #1	Settlement Inches-Dial #2	Average Of Dials	Remarks
70.0 (125%)	20 Min.	0.123	0.115	0.119	1 st Decrement
56.0 (100%)	20 Min.	0.104	0.100	0.102	2 nd Decrement
28.0 (50%)	20 Min.	0.055	0.058	0.0565	3 rd Decrement
0.0	20 Min.	-0.006	0.012	0.003	4 th Decrement
28.0 (50%)	20 Min.	0.040	0.052	0.046	1 st Increment
56.0 (100%)	20 Min.	0.091	0.099	0.095	2 nd Increment
84.0 (150%)	20 Min.	0.145	0.137	0.141	3 rd Increment
98.0 (175%)	2 Min.	0.173	0.160	0.1665	4 th Increment
	8 Min.	0.176	0.162	0.169	
	15 Min.	0.176	0.163	0.1695	
	30 Min.	0.178	0.164	0.171	
	60 Min.	0.179	0.167	0.173	
	120 Min.	0.181	0.171	0.176	

Start 24-Hour Hold Period

Load (Tons)	Incremental Time	Settlement Inches-Dial #1	Settlement Inches-Dial #2	Average Of Dials	Remarks
112.0 (200%)	2 Min.	0.209	0.193	0.201	Start 24 Hour Hold 11:59 am, 5/31/02 5 th Increment
	8 Min.	0.211	0.193	0.202	
	15 Min.	0.212	0.193	0.2035	
	30 Min.	0.214	0.195	0.2045	
	60 Min.	0.216	0.197	0.2065	
	120 Min.	0.218	0.200	0.209	

Results of Test (Continued):

Readings taken every hour throughout the hold period

Load (Tons)	Incremental Time	Settlement Inches-Dial #1	Settlement Inches-Dial #2	Average Of Dials	Remarks	
112.0(200%)	3 Hrs.	0.234	0.200	0.217		
	4 Hrs.	0.226	0.201	0.2135		
	5 Hrs.	0.224	0.203	0.2135		
	6 Hrs.	0.213	0.200	0.2065		
	7 Hrs.	0.211	0.201	0.206		
	8 Hrs.	0.229	0.204	0.211		
	9 Hrs.	0.219	0.204	0.211		
	10 Hrs.	0.219	0.204	0.211		
	11 Hrs.	0.219	0.204	0.211		
	12 Hrs.	0.219	0.204	0.211		
	13 Hrs.	0.219	0.204	0.211		
	14 Hrs.	0.219	0.205	0.212		
	15 Hrs.	0.219	0.205	0.212		
	16 Hrs.	0.219	0.205	0.212		
	17 Hrs.	0.219	0.205	0.211		
	18 Hrs.	0.219	0.205	0.211		
	19 Hrs.	0.216	0.202	0.209		
	20 Hrs.	0.219	0.204	0.2115		
	21 Hrs.	0.224	0.215	0.2195		
	22 Hrs.	0.225	0.212	0.2185		
	23 Hrs.	0.225	0.229	0.227		
	24 Hrs.	0.224	0.218	0.221	End of 24 Hr. Hold 11:59 am, 6/1/02	
	84.0 (150%)	20 Min.	0.181	0.176	0.1785	1 st Decrement
		40 Min.	0.180	0.175	0.1775	
60 Min.		0.180	0.174	0.177		
56.0 (100%)	20 Min.	0.125	0.130	0.1275	2 nd Decrement	
	40 Min.	0.126	0.129	0.1275		
	60 Min.	0.128	0.129	0.1285		
28.0 (50%)	20 Min.	0.080	0.078	0.079	3 rd Decrement	
	40 Min.	0.081	0.077	0.079		
	60 Min.	0.065	0.074	0.695		

BEGIN REBOUND TO ZERO TONS

Load (Tons)	Incremental Time	Settlement Inches-Dial #1	Settlement Inches-Dial #2	Average Of Dials	Remarks
0.0	20 Min.	-0.005	0.018	0.0065	4 th Decrement
	40 Min.	0.001	0.018	0.0095	
	60 Min.	0.000	0.018	0.009	

Begin Reload to Failure or 300% of Design Load.

Load (Tons)	Incremental Time	Settlement Inches-Dial #1	Settlement Inches-Dial #2	Average Of Dials	Remarks
28.0 (50%)	20 Min.	0.038	0.052	0.045	1 st Increment
56.0 (100%)	20 Min.	0.078	0.093	0.0855	2 nd Increment
84.0 (150%)	20 Min.	0.129	0.139	0.134	3 rd Increment
112.0 (200%)	20 Min.	0.189	0.190	0.1895	4 th Increment
117.6 (210%)	20 Min.	0.211	0.211	0.211	5 th Increment
123.2(220%)	20 Min.	0.238	0.215	0.2265	6 th Increment
128.8(230%)	20 Min.	0.240	0.234	0.237	7 th Increment
134.4(240%)	20 Min.	0.261	0.254	0.2575	8 th Increment
140.0 (250%)	20 Min.	0.285	0.276	0.2805	9 th Increment
145.6(260%)	20 Min.	0.328	0.318	0.323	10 th Increment
151.2 (270%)	20 Min.	0.445	0.434	0.4395	11 th Increment
156.8 (280%)	41 Min.	2.0284	2.019	2.0235	12 th Increment

Test Pile reached 156 tons and would not hold pressure

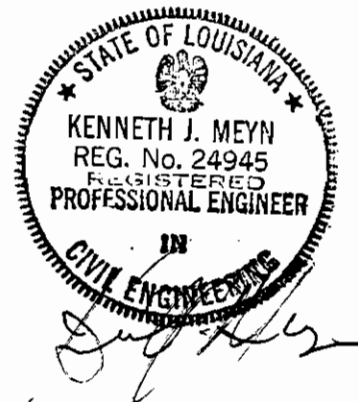
Page 7
 Gulf Group, Inc.
 17th Street Outfall Canal - Hammond Highway Complex
 DACW #29-01-C-0026
 New Orleans, LA

Load (Tons)	Incremental Time	Settlement Inches-Dial #1	Settlement Inches-Dial #2	Average Of Dials	Remarks
105.0 (187.5%)	15 Min.	1.982	1.982	1.982	1 st Decrement
75.0 (140%)	15 Min	1.912	1.928	1.920	2 nd Decrement
35.0 (62.5%)	15 Min.	1.825	1.851	1.8475	3 rd Decrement
0.0	15 Min.	1.722	1.755	1.7385	4 th Decrement
0.0	60 Min.	1.722	1.755	1.7385	Final Reading
END OF TEST					11:15 PM, 6/1/02

The above test was conducted in accordance with the Corp of Engineers (C.O.E.) specifications. The above test results to be interpreted by others.

Supervisors: C. Schroeder

Technician: K. Gordon & C. Earls



Respectfully Submitted,
DELTA TESTING AND INSPECTION, INC.

Kenneth J. Meyn
 Kenneth J. Meyn, P.E.
 President

KJM/koc
 6/3/02

1-Gulf Group, Inc.

D:\My Documents\Pile Load Test Reports\Kim's Reports\14778-1

PILE DRIVING RECORD

LOWER MISSISSIPPI VALLEY DIVISION
CORPS OF ENGINEERS

Project 17th Street Gutfall Canals
Hammond Highway Complex
 Contractor Gulf Group
 Hammer:
 Make & Model Del-Mag D19-32
 Wt. Ram 4000 lbs Stroke Setting #1
 Energy Delivered 21,220
 Description and Dimensions of
 Driving Cap _____
 Speed: Rated 52 Measured 56 Bpm
 Steam of Air Pressure:
 At Hammer _____ At Boiler _____

Pile No. TP-1
 Location Test Pile Layout
 Type H Type 1
 Dimensions 14x73
 Length in Leads 85
 Vertical (X) Better 1 On ()
 Elevation of Ground 2.23
 Elevation of Cut-Off 6.53
 Elevation of Pile Tip -78.53
 Elevation of Splices NONE

Jetting Pressure and Elevations:

Work Time: 12:30 PM to 1:30 PM Inspector E. Shend Date 5/6/02
 TIME: Start Driving 12:45 PM Finish Driving 1:15 PM Driving Time 30 mins
 Interruptions (Time, Tip Elev. & Reason) _____

DRIVING RESISTANCE

FT	No. of Blows	FT	No. of Blows	FT	No. of Blows	FT	No. of Blows	FT	No. of Blows	FT	No. of Blows	FT	No. of Blows	FT	No. of Blows
0	4	15	1	30	2	45	4	60	5	75	15	90		105	
1		16	1	31	1	46	3	61	4	76	10	91		106	
2		17	1	32	1	47	3	62	4	77	10	92		107	
3		18	1	33	1	48	3	63	6	78	17	93		108	
4		19	1	34	2	49	2	64	9	79	19	94		109	
5		20	1	35	6	50	3	65	10	80	19	95		110	
6	2	21	2	36	3	51	4	66	10	81	16 @ 9"	96		111	
7	2	22	2	37	2	52	3	67	9	82		97		112	
8	3	23	2	38	3	53	3	68	11	83		98		113	
9	2	24	2	39	4	54	4	69	14	84		99		114	
10	1	25	3	40	6	55	3	70	13	85		100		115	
11	2	26	2	41	7	56	4	71	12	86		101		116	
12	2	27	2	42	5	57	5	72	11	87		102		117	
13	2	28	2	43	4	58	4	73	11	88		103		118	
14	2	29	2	44	3	59	4	74	13	89		104		119	
15	2	30	3	45	3	60	4	75	13	90		105		120	

Driving resistance in blows per inch for last foot of penetration:

Depth 79.75 1" 1.5 2" 1.5 3" 1.5 4" 1.5 5" 1.5 6" 1.5 7" 1.5 8" 1.5 9" 1.5 10" 1.5 11" 2 12" 2 Depth 80.75
 Elev. -78.53 Elev. -78.53

REMARKS

PILE DRIVING RECORD	LOWER MISSISSIPPI VALLEY DIVISION CORPS OF ENGINEERS
Project <u>17th Street Outfall Canal Hammond Hwy. Complex</u>	Pile No. <u>TP-1A</u>
Contractor <u>Gulf Group, Inc</u>	Location <u>Test Pile layout</u>
Hammer: _____	Type <u>H Type</u>
Make & Model <u>De/MA9 D19-32</u>	Dimensions <u>14x73</u>
Wt. Ram <u>4000 lbs</u> Stroke <u>Setting #1</u>	Length in Leads <u>95</u>
Energy Delivered <u>21,220</u>	Vertical (X) <input checked="" type="checkbox"/> Batter 1 On ()
Description and Dimensions of Driving Cap _____	Elevation of Ground <u>3.35</u>
Speed: Rated <u>52 Bpm</u> Measured <u>58 Bpm</u>	Elevation of Cut-Off <u>8.00</u>
Steam of Air Pressure: At Hammer _____ At Boiler _____	Elevation of Pile Tip <u>-86.00</u>
	Elevation of Splices <u>-1.00</u>

Jetting Pressure and Elevations:

Work Time 8:00 AM to 10:30 AM Inspector C. Schenk Date 5/17/02

TIME: Start Driving 9:43 AM Finish Driving 10:00 AM Driving Time _____

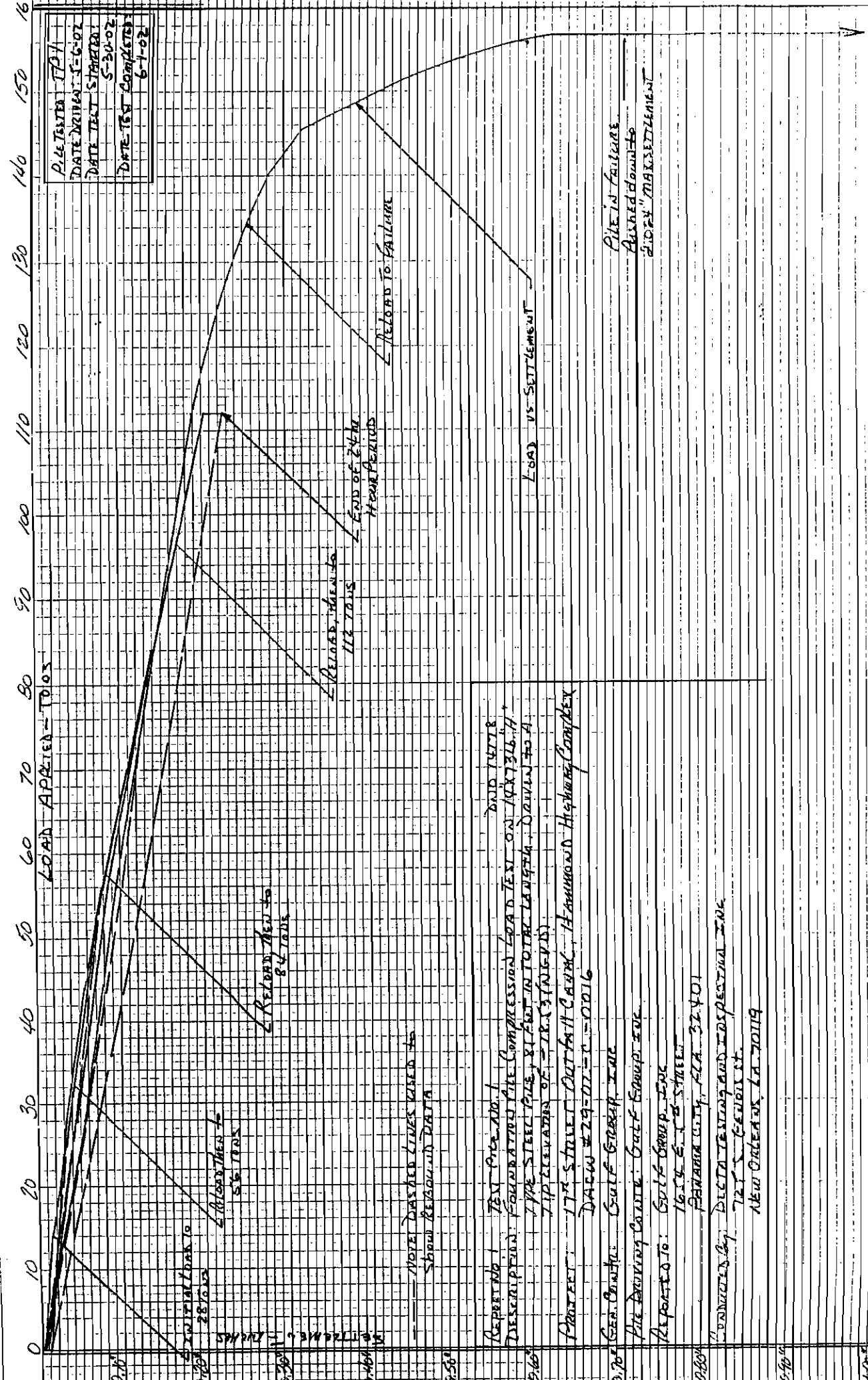
Interruptions (Time, Tip Elev. & Reason)

DRIVING RESISTANCE															
FT	No. of Blows	FT	No. of Blows	FT	No. of Blows	FT	No. of Blows	FT	No. of Blows	FT	No. of Blows	FT	No. of Blows	FT	No. of Blows
0	60	15	4	30	3	45	5	60	6	75	15	90		105	
1	+	16	3	31	3	46	5	61	5	76	19	91		106	
2	↓	17	3	32	3	47	4	62	6	77	19	92		107	
3	z	18	3	33	2	48	4	63	8	78	19	93		108	
4	z	19	3	34	3	49	3	64	9	79	19	94		109	
5	z	20	3	35	3	50	4	65	11	80	22	95		110	
6	z	21	3	36	4	51	4	66	10	81	22	96		111	
7	z	22	2	37	3	52	4	67	11	82	20	97		112	
8	z	23	3	38	4	53	4	68	11	83	19	98		113	
9	z	24	2	39	5	54	4	69	12	84	20	99		114	
10	z	25	3	40	6	55	4	70	13	85	22	100		115	
11	z	26	3	41	7	56	5	71	14	86	25	101		116	
12	z	27	2	42	7	57	5	72	15	87	29	102		117	
13	z	28	2	43	4	58	5	73	15	88	28	103		118	
14	z	29	3	44	5	59	5	74	14	89	28	104		119	
15	z	30	3	45	5	60	5	75	14	90	704	105		120	

Driving resistance in blows per inch for last foot of penetration:
 Depth 88.35 1" 2.33 2" 2.33 3" 2.33 4" 2.33 5" 2.33 6" 2.33 7" 2.33 8" 2.33 9" 2.33 10" 2.33 11" 2.33 12" 2.33 Depth 89.35
 Elev. 85.00 Elev. 86.00

REMARKS

SHEET 1 OF 1



PILE TESTED TPA
 DATE BEGAN 1-6-02
 DATE TEST STARTED 5-30-02
 DATE TEST COMPLETED 6-1-02

REPORT NO. 1 TEST PILE NO. 1 AND 14118
 DESCRIPTION FOUNDATIONS ARE COMPRESSION LOAD TEST ON 14X73LB "H"
 TYPE STEEL PILES, SET IN TOTAL LENGTH 200 FT TO A
 DEPTH OF 178 FT (178 FT (178 FT))
 PROJECT: ITR STAFF CUT-PATH CAUSE, HAMILTON HIGHWAY COMPLEX
 DRAW # 29-02-C-0016
 GEN. CONTR: Gulf Group, Inc.
 PILE DRIVING CONTR: Gulf Group, Inc.
 REPORTED TO: Gulf Group, Inc.
 1614 E. 1st STREET
 PANAMA CITY, FLA 32401
 CONSULTING BY: DELTA TESTING AND INSPECTING, INC.
 727 S. FRENCH ST.
 NEW ORLEANS, LA 70119

PILE IS FAILURE
 RETURNED DOWN TO
 "ZERO" MAX SETTLEMENT

RETURN TO FAILURE

END OF 24 Hr
HOUR PERIOD

RELOAD WHEN TO
114 TONS

RELOAD WHEN TO
84 TONS

RELOAD WHEN TO
56 TONS

NOTE: DATA AND CURVES WOULD BE
SHOWN BELOW IN DATA

LOAD vs. SETTLEMENT

LOAD APPLIED - TONS

160
150
140
130
120
110
100
90
80
70
60
50
40
30
20
10
0

0.0
0.10
0.20
0.30
0.40
0.50

DELTA TESTING INSPECTION, INC. - 17th STREET OUTFALL CANAL - HAMMOND HWY. COMPLEX - DACW 29-01-C-0020MPRESSION TEST
56.0 TON SERVICE LOAD
DNO-14778

PAGE 1 DATE/DAY	DESIGN LOAD* TIME	LOAD, TONS	HYDRAULIC GAGE TARGET/ ACTUAL	tons	ACTION	TEST PILE DIAL GAGES			INSTRUMENT READINGS				REACTION PILES-SCALES					
						SETTLEMENT DIAL GAGE NO.1	SETTLEMENT DIAL GAGE NO.2	AVERAGE SETTLEMENT DIAL GAGES	1 BM RIGHT	2 BM RIGHT	HEIGHT OF INSTRUMENT	TEST PILE	ELEV DECIMAL	1	2	3	4	
5/30/02	3:00 PM	0	0		Start test	0.0	0.0	0	2.30	3.40	12.30	1.00	11.30	0	1.55	2.32	3.25	4.05
-	3:00 PM	14.00	400 ACTUAL 350		Start to Apply Load Complete	x	x	x	x	x	x	x	x	x	x	x	x	x
-	3:04 PM	14.00	350		Loading	x	x	x	x	x	x	x	x	x	x	x	x	x
-	3:06 PM	14.00	350		Take Readings	.016	.016	.016	2.30	3.40	12.30	1.01	11.27	.01	x	x	x	x
-	3:12 PM	14.00	350		Take Readings	.016	.016	.016	2.30	3.40	12.30	1.01	11.29	.01	x	x	x	x
-	3:19 PM	14.00	350		Take Readings	.016	.017	.0165	2.30	3.40	12.30	1.01	11.29	.01	x	x	x	x
-	3:34 PM	14.00	350		Take Readings	.016	.017	.0165	2.30	3.40	12.30	1.01	11.29	.01	x	x	x	x
-	4:04 PM	14.00	350		Take Readings	.016	.018	.017	2.30	3.40	12.30	1.01	11.27	.01	1.55	2.32	3.25	4.05
-	5:04 PM	14.00	350		Take Readings	.016	.019	.0175	2.30	3.40	12.30	1.01	11.27	.01	x	x	x	x
-	5:04 PM	28.00	800 ACTUAL 750		Start to Apply Load Complete	x	x	x	x	x	x	x	x	x	x	x	x	x
-	5:08 PM	28.00	750		Loading	x	x	x	x	x	x	x	x	x	x	x	x	x
-	5:10 PM	28.00	750		Take Readings	.034	.035	.0345	2.30	3.40	12.30	1.03	11.27	.03	x	x	x	x
-	5:16 PM	28.00	750		Take Readings	.036	.036	.036	2.30	3.40	12.30	1.03	11.27	.03	x	x	x	x
-	5:23 PM	28.00	750		Take Readings	.036	.037	.0365	2.30	3.40	12.30	1.03	11.27	.03	x	x	x	x
-	5:38 PM	28.00	750		Take Readings	.036	.037	.0365	2.30	3.40	12.30	1.03	11.27	.03	x	x	x	x
-	6:08 PM	28.00	750		Take Readings	.038	.037	.0365	2.30	3.40	12.30	1.03	11.27	.03	1.55	2.32	3.25	4.05
-	7:08 PM	28.00	750		Take Readings	.058	.059	.0585	2.30	3.40	12.30	1.03	11.27	.05	x	x	x	x
-	7:08 PM	14.00	400 ACTUAL		Begin Unload	x	x	x	x	x	x	x	x	x	x	x	x	x
-	7:12 PM	14.00			Complete Unload	x	x	x	x	x	x	x	x	x	x	x	x	x
5/30/02	7:32 PM	14.00	375		Take Readings	.018	.026	.022	2.30	3.40	12.30	1.02	11.28	.03	x	x	x	x

DELTA TESTING INSPECTION, INC. - 17th STREET OUTFALL CANAL - HAMMOND HWY. COMPLEX - DACW 29-01-C-0020MPRESSION TEST
 56.0 TON SERVICE LOAD
 DNO-14778

Page 2	DATE/DAY	TIME	LOAD, TONS	HYDRAULIC GAGE TARGET/ACTUAL	ACTION	TEST PILE DIAL GAGES		INSTRUMENT READINGS				REACTION PILES-SCALES				Page 2		
						SETTLEMENT DIAL GAGE NO.1	SETTLEMENT DIAL GAGE NO.2	AVERAGE SETTLEMENT DIAL GAGES	BM LEFT	BM RIGHT	HEIGHT OF INSTRUMENT	AVERAGE TEST PILE	ELEVATION/DECIMAL	1	2		3	4
	5/30/02	7:32 PM	0.00	0	Begin Unload Complete	x	x	x	x	x	x	x	x	x	x	x	x	x
	-	7:36 PM	0.00	0	Unload	x	x	x	x	x	x	x	x	x	x	x	x	x
	-	7:56 PM	0.00	0	Take Readings	.895	.006	.001	2.30	3.41	12.30	1.00	11.30	.00	x	x	x	x
	-	7:56 PM	28.00	800	Begin Loading Complete	x	x	x	x	x	x	x	x	x	x	x	x	x
	-	8:03 PM	28.00	ACTUAL	Loading	x	x	x	x	x	x	x	x	x	x	x	x	x
	-	8:23 PM	28.00	775	Take Readings	.031	.035	.033	2.30	3.41	12.30	1.04	11.14	.04	x	x	x	x
	-	8:23 PM	42.00	1175	Start to Apply Load Complete	x	x	x	x	x	x	x	x	x	x	x	x	x
	-	8:27 PM	42.00	ACTUAL	Loading	x	x	x	x	x	x	x	x	x	x	x	x	x
	-	8:29 PM	42.00	1100	Take Readings	.054	.053	.053	2.30	3.42	12.30	1.07	11.23	.07	x	x	x	x
	-	8:35 PM	42.00	1100	Take Readings	.054	.054	.054	2.30	3.42	12.30	1.07	11.23	.07	x	x	x	x
	-	8:42 PM	42.00	1100	Take Readings	.054	.054	.054	2.30	3.42	12.30	1.07	11.23	.07	x	x	x	x
	-	8:57 PM	42.00	1100	Take Readings	.054	.054	.054	2.30	3.42	12.30	1.07	11.23	.07	x	x	x	x
	-	9:27 PM	42.00	1100	Take Readings	.054	.054	.054	2.30	3.42	12.30	1.07	11.23	.07	x	x	x	x
	-	10:27 PM	42.00	1175	Take Readings	.058	.054	.054	2.30	3.42	12.30	1.07	11.23	.07	x	x	x	x
	-	10:27 PM	56.00	1575	Start to Apply Load Complete	x	x	x	x	x	x	x	x	x	x	x	x	x
	-	10:31 PM	56.00	ACTUAL	Loading	x	x	x	x	x	x	x	x	x	x	x	x	x
	-	10:33 PM	56.00	1575	Take Readings	.077	.076	.075	2.30	3.42	12.30	1.10	11.20	.10	x	x	x	x
	-	10:39 PM	56.00	1575	Take Readings	.079	.076	.077	2.30	3.42	12.30	1.10	11.20	.10	x	x	x	x
	-	10:46 PM	56.00	1575	Take Readings	.079	.075	.077	2.30	3.42	12.30	1.10	11.20	.10	x	x	x	x
5/30/02		11:01 PM	56.00	1575	Take Readings	.079	.075	.077	2.30	3.42	12.30	1.10	11.20	.10	x	x	x	x

[Handwritten Signature]

Technician:
Remarks

**DELTA TESTING INSPECTION, INC. - 17th STREET OUTFALL CANAL - HAMMOND HWY. COMPLEX - DACW 29-01-C-0028 COMPRESSION TEST
56.0 TON SERVICE LOAD**

Page 3	DATE/DAY	TIME	LOAD, TONS	HYDRAULIC GAGE TARGET/ACTUAL	ACTION	TEST PILE DIAL GAGES		INSTRUMENT READINGS				REACTION PILES-SCALES				Page 3	
						SETTLEMENT DIAL GAGE NO.1	SETTLEMENT DIAL GAGE NO.2	AVERAGE SETTLEMENT DIAL GAGES	BM LEFT	BM RIGHT	HEIGHT OF INSTRUMENT	AVERAGE TEST PILE ELEVATION	INSTRUMENT ELEVATION	DECIMAL	1		2
5/30/02	11:31 PM		56.00	1575	Take Readings	079	075	.077	730342	730342	17.70	1.10	11.70	1.55	2.32	3.23	4.05
-	12:31 AM		56.00	1575	Take Readings	079	075	.077	730342	730342	17.30	1.10	11.20				
-	12:31 AM		42.00	1175	Begin Unload	x	x	x	x	x	x	x	x	x	x	x	x
-	12:35 AM		42.00	ACTUAL	Complete Unload	x	x	x	x	x	x	x	x	x	x	x	x
-	12:55 AM		42.00	11.25	Take Readings	062	064	.063	730342	730342	12.30	1.08	11.22	.08			
-	12:55 AM		28.00	800	Begin Unload	x	x	x	x	x	x	x	x	x	x	x	x
5/31/02	12:59 AM		28.00	ACTUAL	Complete Unload	x	x	x	x	x	x	x	x	x	x	x	x
-	1:19 AM		28.00	750	Take Readings	043	047	.045	230342	230342	12.30	1.06	11.74	.06			
-	1:19 AM		0.00	0	Begin Unload	x	x	x	x	x	x	x	x	x	x	x	x
-	1:26 AM		0.00	ACTUAL	Complete Unload	x	x	x	x	x	x	x	x	x	x	x	x
-	1:46 AM		0.00	0	Take Readings	008	008	.000	730342	730342	17.30	1.00	11.30	.00			
-	1:46 AM		28.00	800	Begin Loading	x	x	x	x	x	x	x	x	x	x	x	x
-	1:53 AM		28.00	ACTUAL	Complete Loading	x	x	x	x	x	x	x	x	x	x	x	x
-	2:13 AM		28.00	750	Take Readings	031	039	.035	730342	730342	12.30	1.05	11.25	.05			
-	2:13 AM		56.00	1575	Begin Loading	x	x	x	x	x	x	x	x	x	x	x	x
-	2:20 AM		56.00	ACTUAL	Complete Loading	x	x	x	x	x	x	x	x	x	x	x	x
-	2:40 AM		56.00	1525	Take Readings	077	075	.076	230342	230342	12.30	1.10	11.20	.10			
-	2:40 AM		70.00	1950	Start to Apply Load	x	x	x	x	x	x	x	x	x	x	x	x
-	2:44 AM		70.00	ACTUAL	Complete Loading	x	x	x	x	x	x	x	x	x	x	x	x
5/31/02	2:46 AM		70.00	1950	Take Readings	105	075	.105	230342	230342	12.30	1.17	11.18	.12			

C. Cook

Technicians:
Remarks:

DELTA TESTING INSPECTION, INC. - 17th STREET OUTFALL CANAL - HAMMOND HWY. COMPLEX - DACW 29-01-C-00280MPRESSION TEST
56.0 TON SERVICE LOAD

Page 4	DATE/DAY	TIME	LOAD, TONS	HYDRAULIC GAGE TARGET/ACTUAL	ACTION	TEST PILE DIAL GAGES			INSTRUMENT READINGS				REACTION PILES-SCALES			Page 4		
						SETTLEMENT DIAL GAGE NO.1	SETTLEMENT DIAL GAGE NO.2	AVERAGE SETTLEMENT DIAL GAGES	BM LEFT	BM RIGHT	HEIGHT OF INSTRUMENT	AVERAGE TEST PILE	ELEVATION DECIMAL	1	2		3	
	5/31/02	2:52 AM	70.00	1950	Take Readings	.105	.098	.1035	2.30	3.47	12.30	1.02	11.18	.12	x	x	x	x
		2:59 AM	70.00	1950	Take Readings	.105	.099	.104	2.30	3.42	12.30	1.12	11.18	.12	x	x	x	x
		3:14 AM	70.00	1950	Take Readings	.105	.099	.104	2.30	3.47	12.30	1.12	11.18	.12	x	x	x	x
		3:44 AM	70.00	1950	Take Readings	.109	.101	.105	2.30	3.47	12.30	1.12	11.19	.12	1.55	2.32	3.23	4.05
		4:44 AM	70.00	1950	Take Readings	.111	.102	.1065	2.30	3.42	12.30	1.12	11.19	.12	x	x	x	x
		4:44 AM	84.00	2350	Start to Apply Load	x	x	x	x	x	x	x	x	x	x	x	x	x
		4:48 AM	84.00	ACTUAL	Complete Loading	x	x	x	x	x	x	x	x	x	x	x	x	x
		4:50 AM	84.00	2400	Take Readings	.139	.124	.1315	2.30	3.42	12.30	1.16	11.14	.16	x	x	x	x
		4:56 AM	84.00	2400	Take Readings	.139	.126	.1325	2.30	3.42	12.30	1.16	11.14	.16	x	x	x	x
		5:03 AM	84.00	2400	Take Readings	.139	.126	.1325	2.30	3.47	12.30	1.16	11.14	.16	x	x	x	x
		5:18 AM	84.00	2400	Take Readings	.139	.130	.1345	2.30	3.47	12.30	1.16	11.14	.16	x	x	x	x
		5:48 AM	84.00	2400	Take Readings	.144	.132	.137	2.30	3.42	12.30	1.16	11.14	.16	1.57	2.30	3.25	4.09
		6:48 AM	84.00	2400	Take Readings	.146	.133	.1395	2.30	3.42	12.30	1.16	11.14	.16	x	x	x	x
		6:48 AM	70.00	1950	Begin Unload	x	x	x	x	x	x	x	x	x	x	x	x	x
		6:52 AM	70.00	ACTUAL	Complete Unload	x	x	x	x	x	x	x	x	x	x	x	x	x
		7:12 AM	70.00	1950	Take Readings	.123	.115	.119	2.30	3.42	12.30	1.15	11.15	.15	x	x	x	x
		7:12 AM	56.00	1575	Begin Unload	x	x	x	x	x	x	x	x	x	x	x	x	x
		7:16 AM	56.00	ACTUAL	Complete Unload	x	x	x	x	x	x	x	x	x	x	x	x	x
		7:36 AM	56.00	1600	Take Readings	.104	.100	.102	2.30	3.42	12.30	1.15	11.17	.13	x	x	x	x
	5/31/02	7:36 AM	28.00	800	Begin Unload	x	x	x	x	x	x	x	x	x	x	x	x	x

Technicians: *[Signature]*
Remarks:

**DELTA TESTING INSPECTION, INC. - 17th STREET OUTFALL CANAL - HAMMOND HWY. COMPLEX - DACW 29-01-C-00280MPRESSION TEST
56.0 TON SERVICE LOAD**

DATE/DAY	TIME	LOAD, TONS	HYDRAULIC GAGE, TARGET/ACTUAL	ACTION	TEST PILE DIAL GAGES			INSTRUMENT READINGS				REACTION PILES-SCALES					
					SETTLEMENT DIAL GAGE NO.1	SETTLEMENT DIAL GAGE NO.2	AVERAGE SETTLEMENT DIAL GAGES	BM LEFT	BM RIGHT	HEIGHT OF INSTRUMENT	AVERAGE TEST PILE	ELEVATION DECIMAL	1	2	3	4	
5/31/02	7:43 AM	28.00	800	Complete Unload	x	x	x	x	x	x	x	1.55	2.34	3.25	4.07		
	8:03 AM	28.00	800	Take Readings	.055	.058	.0565	2.30	3.42	12.30	1.08	11.22	.08	x	x	x	
	8:03 AM	0.00	0	Begin Unload	x	x	x	x	x	x	x	x	x	x	x	x	
	8:10 AM	0.00	0	Complete Unload	x	x	x	x	x	x	x	x	x	1.55	2.32	3.25	4.06
	8:30 AM	0.00	0	Take Readings	.006	.012	.003	2.30	3.42	12.30	1.02	11.28	.02	x	x	x	x
	8:30 AM	28.00	800	Begin Loading	x	x	x	x	x	x	x	x	x	x	x	x	
	8:37 AM	28.00	800	Complete Loading	x	x	x	x	x	x	x	x	x	x	x	x	
	8:57 AM	28.00	800	Take Readings	.040	.052	.046	2.30	3.42	12.30	1.06	11.24	.06	x	x	x	x
	8:57 AM	56.00	1575	Begin Loading	x	x	x	x	x	x	x	x	x	x	x	x	x
	9:04 AM	56.00	1600	Complete Loading	x	x	x	x	x	x	x	x	x	x	x	x	x
	9:24 AM	56.00	1600	Take Readings	.091	.099	.095	2.29	3.42	12.29	1.11	11.18	.12	x	x	x	x
	9:24 AM	84.00	2350	Begin Loading	x	x	x	x	x	x	x	x	x	x	x	x	x
	9:31 AM	84.00	2350	Complete Loading	x	x	x	x	x	x	x	x	x	x	x	x	x
	9:51 AM	84.00	2350	Take Readings	.145	.137	.141	2.29	3.42	12.29	1.17	11.12	.18	x	x	x	x
	9:51 AM	98.00	2750	Begin Loading	x	x	x	x	x	x	x	x	x	x	x	x	x
	9:55 AM	98.00	2775	Complete Loading	x	x	x	x	x	x	x	x	x	x	x	x	x
	9:57 AM	98.00	2775	Take Readings	.173	.160	.1665	2.29	3.42	12.29	1.19	11.10	.20	x	x	x	x
	10:03 AM	98.00	2775	Take Readings	.176	.162	.169	2.29	3.42	12.29	1.19	11.10	.20	x	x	x	x
	10:10 AM	98.00	2775	Take Readings	.176	.163	.1695	2.29	3.42	12.29	1.19	11.10	.20	x	x	x	x
5/31/02	10:25 AM	98.00	2775	Take Readings	.178	.164	.171	2.29	3.42	12.29	1.19	11.10	.20	x	x	x	x

7/2/02

Technicians: K. S. ...
Remarks:

DELTA TESTING INSPECTION, INC. - 17th STREET OUTFALL CANAL - HAMMOND HWY. COMPLEX - DACW 29-01-C-00280MPRESSION TEST
56.0 TON SERVICE LOAD
DNO-14778

DATE/DAY	TIME	LOAD, TONS	HYDRAULIC GAGE TARGET/ACTUAL	ACTION	TEST PILE DIAL GAGES		INSTRUMENT READINGS				REACTION PILES-SCALES					
					SETTLEMENT DIAL GAGE NO.1	SETTLEMENT DIAL GAGE NO.2	AVERAGE SETTLEMENT DIAL GAGES	BM LEFT	BM RIGHT	HEIGHT OF INSTRUMENT	AVERAGE TEST PILE	ELEVATION DECIMAL	1	2	3	4
5/31/02	10:55 AM	98.00	2975	Take Readings	.179	.169	.173	2.29	3.42	12.29	1.19	11.10	1.60	2.38	3.28	4.10
-	11:55 AM	98.00	2975	Take Readings	.181	.171	.176	2.29	3.42	12.29	1.19	11.10	x	x	x	x
-	11:55 AM	112.00	3125	Begin Loading	x	x	x	x	x	x	x	x	x	x	x	x
BEGIN 24 HOUR HOLD	11:59 AM	112.00	3150	Complete Loading	x	x	x	x	x	x	x	x	x	x	x	x
-	12:01 PM	112.00	3150	Take Readings	.209	.193	.201	2.29	3.42	12.29	1.23	11.06	x	x	x	x
-	12:07 PM	112.00	3150	Take Readings	.211	.193	.202	2.29	3.42	12.29	1.23	11.06	x	x	x	x
-	12:14 PM	112.00	3150	Take Readings	.212	.193	.2035	2.29	3.42	12.29	1.23	11.06	x	x	x	x
-	12:29 PM	112.00	3150	Take Readings	.214	.195	.2045	2.29	3.42	12.29	1.23	11.06	x	x	x	x
-	12:59 PM	112.00	3150	Take Readings	.216	.197	.2065	2.29	3.42	12.29	1.23	11.06	x	x	x	x
-	1:59 PM	112.00	3150	Take Readings	.218	.200	.209	2.29	3.42	12.29	1.23	11.06	x	x	x	x
-	2:59 PM	112.00	3150	Take Readings	.234	.200	.217	2.29	3.42	12.29	1.23	11.06	x	x	x	x
-	3:59 PM	112.00	3150	Take Readings	.226	.201	.2135	2.29	3.42	12.29	1.23	11.06	x	x	x	x
-	4:59 PM	112.00	3150	Take Readings	.224	.203	.2135	2.29	3.42	12.29	1.23	11.06	x	x	x	x
-	5:59 PM	112.00	3150	Take Readings	.213	.200	.2065	2.29	3.41	12.29	1.23	11.06	x	x	x	x
-	6:59 PM	112.00	3150	Take Readings	.211	.201	.206	2.29	3.41	12.29	1.24	11.05	x	x	x	x
-	7:59 PM	112.00	3150	Take Readings	.219	.204	.211	2.29	3.41	12.29	1.24	11.05	x	x	x	x
-	8:59 PM	112.00	3150	Take Readings	.219	.204	.211	2.29	3.41	12.29	1.24	11.05	x	x	x	x
-	9:59 PM	112.00	3150	Take Readings	.219	.224	.211	2.29	3.41	12.29	1.24	11.05	x	x	x	x
-	10:59 PM	112.00	3150	Take Readings	.219	.207	.211	2.29	3.41	12.29	1.25	11.05	x	x	x	x
5/31/02	11:59 PM	112.00	3150	Take Readings	.216	.207	.211	2.29	3.41	12.29	1.25	11.05	x	x	x	x

Technicians: H. Carlson
Remarks:

**DELTA TESTING INSPECTION, INC. - 17th STREET OUTFALL CANAL - HAMMOND HWY. COMPLEX - DACW 29-01-C-00200MPRESSION TEST
56.0 TON SERVICE LOAD
DNO-14778**

DATE/DAY	TIME	LOAD, TONS	HYDRAULIC GAGE TARGET/ACTUAL	ACTION	TEST PILE DIAL GAGES		INSTRUMENT READINGS				REACTION PILES SCALES						
					SETTLEMENT DIAL GAGE NO.1	SETTLEMENT DIAL GAGE NO.2	AVERAGE SETTLEMENT DIAL GAGES	BM LEFT	BM RIGHT	HEIGHT OF INSTRUMENT	AVERAGE TEST PILE	ELEVATION DECIMAL	1	2	3	4	
6/1/02	1:53 PM	56.00	1600	Take Readings	.126	.129	.1275	2.29	3.42	12.29	1.16	11.07	.23	x	x	x	x
-	2:13 PM	56.00	1600	Take Readings	.128	.129	.1285	2.29	3.42	12.29	1.16	11.07	.23	x	x	x	x
-	2:13 PM	28.00	800	Begin Unload	x	x	x	x	x	x	x	x	x	x	x	x	x
-	2:20 PM	28.00	ACTUAL 775	Complete Unload	x	x	x	x	x	x	x	x	x	x	x	x	x
-	2:40 PM	28.00	775	Take Readings	.080	.078	.079	2.29	3.42	12.29	1.10	11.19	.11	x	x	x	x
-	3:00 PM	28.00	775	Take Readings	.081	.077	.079	2.29	3.42	12.29	1.10	11.19	.11	x	x	x	x
-	3:20 PM	28.00	775	Take Readings	.065	.074	.0695	2.29	3.42	12.29	1.10	11.19	.11	x	x	x	x
-	3:20 PM	0.00	0	Begin Unload	x	x	x	x	x	x	x	x	x	x	x	x	x
-	3:27 PM	0.00	ACTUAL 0	Complete Unload	x	x	x	x	x	x	x	x	x	x	x	x	x
-	3:47 PM	0.00	0	Take Readings	-.005	.018	.0065	2.29	3.42	12.29	1.03	11.26	.04	1.58	2.34	3.29	4.07
-	3:47 PM	0.00	0	Take Readings	.001	.018	.0085	2.29	3.42	12.29	1.03	11.26	.04	x	x	x	x
-	4:07 PM	0.00	0	Take Readings	0	.018	.009	2.29	3.42	12.29	1.03	11.26	.04	x	x	x	x
-	4:27 PM	0.00	0	Take Readings	0	.018	.009	2.29	3.42	12.29	1.03	11.26	.04	x	x	x	x
-	4:27 PM	28.00	800	Begin Loading	x	x	x	x	x	x	x	x	x	x	x	x	x
-	4:34 PM	28.00	ACTUAL 750	Complete Loading	x	x	x	x	x	x	x	x	x	x	x	x	x
-	4:54 PM	28.00	750	Take Readings	.038	.052	.045	2.29	3.42	12.29	1.06	11.23	.07	x	x	x	x
-	4:54 PM	56.00	1575	Begin Loading	x	x	x	x	x	x	x	x	x	x	x	x	x
-	5:01 PM	56.00	ACTUAL 1600	Complete Loading	x	x	x	x	x	x	x	x	x	x	x	x	x
-	5:21 PM	56.00	1600	Take Readings	.078	.093	.0855	7.29	3.42	12.29	1.12	11.17	.13	1.61	2.39	3.30	4.12
-	5:21 PM	84.00	2350	Begin Loading	x	x	x	x	x	x	x	x	x	x	x	x	x
6/1/02	5:28 PM	84.00	ACTUAL 2350	Complete Loading	x	x	x	x	x	x	x	x	x	x	x	x	x

Technicians: *IC G... 0000*
Remarks:

**DELTA TESTING INSPECTION, INC. - 17th STREET OUTFALL CANAL - HAMMOND HWY. COMPLEX - BACW 29-01-C-00250 COMPRESSION TEST
56.0 TON SERVICE LOAD
DNO-14778**

Page 9	DATE/DAY	TIME	LOAD, TONS	HYDRAULIC GAGE TARGET/ACTUAL	ACTION	TEST PILE DIAL GAGES		INSTRUMENT READINGS				REACTION PILES SCALES			Page 9			
						SETTLEMENT DIAL GAGE NO. 1	SETTLEMENT DIAL GAGE NO. 2	AVERAGE SETTLEMENT DIAL GAGES	BM LEFT	BM RIGHT	HEIGHT OF INSTRUMENT	AVERAGE TEST PILE	ELEVATION	DECIMAL		6.5	2	3
	6/1/02	5:48 PM	84.00		Take Readings	1.29	1.39	1.34	2.29	3.41	12.29	1.17	11.12	.18	x	x	x	x
		5:48 PM	112.00	3125 ACTUAL	Begin Loading	x	x	x	x	x	x	x	x	x	x	x	x	x
		5:55 PM	112.00		Complete Loading	x	x	x	x	x	x	x	x	x	x	x	x	x
		6:15 PM	112.00	3100	Take Readings	1.89	2.190	2.845	2.29	3.41	12.29	1.24	11.04	.25	x	x	x	x
		6:15 PM	117.60	3300 ACTUAL	Begin Loading	x	x	x	x	x	x	x	x	x	x	x	x	x
		6:17 PM	117.60		Complete Loading	x	x	x	x	x	x	x	x	x	x	x	x	x
		6:37 PM	117.60	3275	Take Readings	1.311	1.311	2.211	2.29	3.41	12.29	1.26	11.03	.27	x	x	x	x
		6:37 PM	123.20	3450 ACTUAL	Begin Loading	x	x	x	x	x	x	x	x	x	x	x	x	x
		6:39 PM	123.20		Complete Loading	x	x	x	x	x	x	x	x	x	x	x	x	x
		6:59 PM	123.20	3400	Take Readings	1.238	1.215	2.263	2.29	3.41	12.29	1.27	11.02	.28	x	x	x	x
		6:59 PM	128.80	3600 ACTUAL	Begin Loading	x	x	x	x	x	x	x	x	x	x	x	x	x
		7:01 PM	128.80		Complete Loading	x	x	x	x	x	x	x	x	x	x	x	x	x
		7:21 PM	128.80	3550	Take Readings	1.340	1.334	2.337	2.29	3.41	12.29	1.29	11.00	.30	x	x	x	x
		7:21 PM	134.40	3750 ACTUAL	Begin Loading	x	x	x	x	x	x	x	x	x	x	x	x	x
		7:23 PM	134.40		Complete Loading	x	x	x	x	x	x	x	x	x	x	x	x	x
		7:43 PM	134.40	3700	Take Readings	1.261	1.254	2.254	2.29	3.41	12.29	1.30	10.99	.31	x	x	x	x
		7:43 PM	140.00	3825 ACTUAL	Begin Loading	x	x	x	x	x	x	x	x	x	x	x	x	x
		7:45 PM	140.00		Complete Loading	x	x	x	x	x	x	x	x	x	x	x	x	x
		8:05 PM	140.00	3900	Take Readings	1.285	1.276	2.255	2.29	3.41	12.29	1.33	10.99	.34	x	x	x	x
		8:05 PM	145.80	4075 ACTUAL	Begin Loading	x	x	x	x	x	x	x	x	x	x	x	x	x

Technician's Signature: 

**DELTA TESTING INSPECTION, INC. - 17th STREET OUTFALL CANAL - HAMMOND HWY. COMPLEX - DACW 29-01-C-0020 COMPRESSION TEST
56.0 TON SERVICE LOAD
DNO-14778**

Page 11	DATE/DAY	TIME	HYDRAULIC GAGE TARGET/ACTUAL	ACTION	TEST PILE DIAL GAGES			INSTRUMENT READINGS					REACTION PILES SCALES				Page 10	
					SETTLEMENT DIAL GAGE NO. 1	SETTLEMENT DIAL GAGE NO. 2	AVERAGE SETTLEMENT DIAL GAGES	BM LEFT	BM RIGHT	HEIGHT OF INSTRUMENT	AVERAGE TEST PILE	ELEVATION DECIMAL	1	2	3	4		
	6/1/02	11:46 PM	126.00	Complete Unload	x	x	x	x	x	x	x	x	x	x	x	x	x	x
	6/2/02	12:06 AM	126.00	Take Readings														
	-	12:06 AM	84.00	Begin Unload	x	x	x	x	x	x	x	x	x	x	x	x	x	x
	-	12:17 AM	84.00	Complete Unload	x	x	x	x	x	x	x	x	x	x	x	x	x	x
	-	12:37 AM	84.00	Take Readings														
	-	12:37 AM	42.00	Begin Unload	x	x	x	x	x	x	x	x	x	x	x	x	x	x
	-	12:48 AM	42.00	Complete Unload	x	x	x	x	x	x	x	x	x	x	x	x	x	x
	-	1:08 AM	42.00	Take Readings														
	-	1:08 AM	0.00	Begin Unload	x	x	x	x	x	x	x	x	x	x	x	x	x	x
	-	1:19 AM	0.00	Complete Unload	x	x	x	x	x	x	x	x	x	x	x	x	x	x
	END OF TEST	1:39 AM	0.00	Take Readings														

Technician: 
Remarks: