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Identification_Information:
        Citation:
                Citation_Information:
                        Originator: Michael M. Mossey, P.S.M.(ed.)
                        Publication_Date: 20031204
                        Publication_Time: Unknown
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                        Edition: 1
                        Series_Information:
                                Issue_Identification: 1
                        Publication_Information:
                                Publication_Place: Not Published
                                Publisher: None
                        Online_Linkage: mmossey@keithandschnars.com
                        Larger_Work_Citation:
                                Citation_Information:
                                        Series_Information:
                                        Publication_Information:
        Description:
                Abstract:
                        South Florida Water Management District
                        Well Sites C2SW1 and C2SW2.
                Purpose:
                        To check benchmark elevations (NAVD 88 and NGVD 29)
                        at Structure S-121, Structure S-380, Well Site C2SW1 and
                        Well Site C2SW2.
        Time_Period_of_Content:
                Time_Period_Information:
                        Single_Date/Time:
                        Range_of_Dates/Times:
                                Beginning_Date: 20050524
                                Ending_Date: 20050421
                        Multiple_Dates/Times:
                Currentness_Reference: Publication Date
        Status:
                Progress: Complete
                Maintenance_and_Update_Frequency: Unknown
        Spatial_Domain:
                Bounding_Coordinates:
                        West_Bounding_Coordinate: -080.2739
                        East_Bounding_Coordinate: -080.1902
                        North_Bounding_Coordinate: +25.4539
                        South_Bounding_Coordinate: +25.4044
        Keywords:
                Theme:
                        Theme_Keyword_Thesaurus: None
                        Theme_Keyword: Level Run
                        Theme_Keyword: Structures and Well Sites
                Place:
                        Place_Keyword_Thesaurus: None
                        Place_Keyword: Structures S-380, S-121, Well Sites C2SW1 and C2SW2
                        Place_Keyword: From US1 to Tamami Trail
                        Place_Keyword: Miami-Dade County, Florida
                Stratum:
                Temporal:
        Access_Constraints: None
        Use_Constraints: None
        Point_of_Contact:
                Contact_Information:
                        Contact_Person_Primary:
                                Contact_Person: Howard J. Ehmke
                                Contact_Organization: South Florida Water Management
District
                        Contact_Organization_Primary:
                        Contact_Position: P.S.M.
                        Contact_Address:
                                Address_Type: mailing and physical address
                                Address: 8894 Belvedere Road
                                City: West Palm Beach
                                State_or_Province: Florida
```

Mike Mossey
Keith & Schnars

Purpose

Survey Date

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SFWMD

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Hours_of_Service: 8:00 am to 5:00 pm EST
Security_Information:
Cross_Reference:
Citation_Information:
Series_Information:
Publication_Information:
Data_Quality_Information:
Attribute_Accuracy:
Attribute_Accuracy_Report:

Level Line

The vertical data was collected using a Wild NA2 Level. Elevations are based on NAVD 1988 and NGVD 1929 datum. The closure for this 33.8 mile level run was 0.062 times the square root of the milage. The level run was adjusted using an Excel spread sheet and Double Run method.

Logical_Consistency_Report:
Vertical data was established using NGS Benchmarks "V-269, "FCE 1471" and "N-33".
The level run was recorded in Keith and Schnar's field book 1177, pages 2 - 65.
Positional_Accuracy:
Horizontal_Positional_Accuracy:
Horizontal_Positional_Accuracy_Report: None
Vertical_Positional_Accuracy:
Vertical_Positional_Accuracy_Report:

Project Results

A level loop was run from NGS benchmark "V-269" through NGS benchmark "FCE 1471" through benchmark "C2SW2 2002", through benchmark "PR 48" (at Structure S-121), through benchmark "C2SW1 2002", through benchmark "PR 48" (at Structure S-121), through benchmark "T-5" (at Structure S-380), to NGS benchmark "N-33" and returning to benchmark "V-269". Elevations are based on NAVD 1988 with NGVD 1929 datum supplied. The closure for this 33.8 mile level run was

0.062 times the square root of the milage. The level run was adjusted using an Excel spread sheet and Double Run method.

Previous elevations per Data Sheets or Reports:
C2SW2
NGVD 1929 6.68 ft.
NAVD 1988 5.13 ft.

C2SW1
NGVD 1929 8.31 ft.
NAVD 1988 (none)

PR 48
NGVD 1929 7.171 ft.
NAVD 1988 5.626 ft.

T-5
NGVD 1929 9.267 ft.
NAVD 1988 7.700 ft.

Elevations on the above benchmarks as derived from the level run descrided in this report.

C2SW2
NGVD 1929 6.662 ft.
NAVD 1988 5.123 ft.

C2SW1
NGVD 1929 8.230 ft.
NAVD 1988 6.682 ft.

PR 48
NGVD 1929 7.217 ft.
NAVD 1988 5.673 ft.

T-5
NGVD 1929 9.275 ft.
NAVD 1988 7.722 ft.

Lineage:
Source_Information:
Source_Citation:
Citation_Information:
Series_Information:
Publication_Information:
Larger_Work_Citation:
Citation_Information:
Series_Information:
Publication_Information:
Source_Time_Period_of_Content:
Time_Period_Information:
Single_Date/Time:
Range_of_Dates/Times:
Multiple_Dates/Times:
Process_Step:
Process_Description:
Differential leveling was performed using a Wild NA2 level.
Process_Date: 20050505
Process_Contact:
Contact_Information:
Contact_Person_Primary:
Contact_Organization_Primary:
Contact_Address:
Spatial_Data_Organization_Information:
Spatial_Reference_Information:
Horizontal_Coordinate_System_Definition:
Geographic:
Planar:
Map_Projection:
Albers_Conical_Equal_Area:
Azimuthal_Equidistant:
Equidistant_Conic:
Equirectangular:
General_Vertical_Near-sided_Perspective:
Gnomonic:
Lambert_Azimuthal_Equal_Area:
Lambert_Conformal_Conic:
Mercator:
Modified_Stereographic_for_Alaska:
Miller_Cylindrical:
Oblique_Mercator:
Oblique_Line_Point:
Orthographic:
Polar_Stereographic:
Polyconic:
Robinson:
Sinusoidal:
van_der_Grinten:
Space_Oblique_Mercator_(Landsat):
Stereographic:
Transverse_Mercator:
van_der_Grinten:
Grid_Coordinate_System:
Universal_Transverse_Mercator:
Transverse_Mercator:
Universal_Polar_Stereographic:
Polar_Stereographic:
State_Plane_Coordinate_System:

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                                        Lambert_Conformal_Conic:
                                        Transverse_Mercator:
                                        Oblique_Mercator:
                                                Oblique_Line_Point:
                                        Polyconic:
                                ARC_Coordinate_System:
                                        Equirectangular:
                                        Azimuthal_Equidistant:
                        Local_Planar:
                        Planar_Coordinate_Information:
                                Coordinate_Representation:
                                Distance_and_Bearing_Representation:
                Local:
                Geodetic_Model:
        Vertical_Coordinate_System_Definition:
                Altitude_System_Definition:
                Depth_System_Definition:
Entity_and_Attribute_Information:
        Detailed_Description:
                Entity_Type:
                Attribute:
                        Attribute_Domain_Values:
                        Attribute_Value_Accuracy_Information:
        Overview_Description:
Distribution_Information:
        Distributor:
                Contact_Information:
                        Contact_Person_Primary:
                        Contact_Organization_Primary:
                        Contact_Address:
        Standard_Order_Process:
                Digital_Form:
                        Digital_Transfer_Information:
                        Digital_Transfer_Option:
                                Online_Option:
                                        Computer_Contact_Information:
                                                Network_Address:
                                                Dialup_Instructions:
                                OffLine_Option:
                                        Recording_Capacity:
        Available_Time_Period:
                Time_Period_Information:
                        Single_Date/Time:
                        Range_of_Dates/Times:
                        Multiple_Dates/Times:
Metadata_Reference_Information:
        Metadata_Date: 20050505
        Metadata_Contact:
                Contact_Information:
                        Contact_Person_Primary:
                                Contact_Person: Michael M.Mossey, P.S.M.
                                Contact_Organization: Keith and Schnars
                        Contact_Organization_Primary:
                        Contact_Position: PSM
                        Contact_Address:
                                Address_Type: mailing and physical address
                                Address: 6500 North Andrews Avenue
                                City: Ft. Lauderdale
                                State_or_Province: FL
                                Postal_Code: 34994
                                Country: USA
                        Contact_Voice_Telephone: (954)776-1616
                        Contact_Facsimile_Telephone: (954)351-7643
                        Contact_Electronic_Mail_Address: mmossey@keithandschnars.com
                        Hours_of_Service: 8:00 am to 5:00 pm EST
        Metadata_Standard_Name: FGDC Content Standards for Digital Geospatial Metadata
        Metadata_Standard_Version: 19940608
        Metadata_Security_Information:
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03-24-05
PETERS
WOLF

S.F.W.M.D.
BENCH RUN
N.A.V.D. 1988

TP #	(+)	H.I.	(−)	ELEV.	NCVD 88 B.M. ELEV	DESCRIPTION
	2.970 2.680 (59) 2.380 *2.677	17.127			14.45 16.60 NGVD 29	FND USC&G BRASS DISC IN WEST FACE OF COLUMN SUPPORT FOR S.R. 826 @ S.W. 98TH ST. (JOHNSON RD) 200'± E. OF S.W. 77TH AVE. (N. SIDE S.W. 98TH ST.) STAMPED V-249 1944 (VERTICAL B.M.)
1			4.870 4.570 (60) 4.270 *4.570	12.557		SET 60D SPIKE IN ASPHALT WALK OF OLD DIXIE HGWY (BUSWAY) 150'± N. OF S.W. 98TH ST.
	4.610 3.300 (262) 1.990 *3.300	15.857				
2			6.905 5.610 (260) 4.310 *5.608	10.249 10.248		" " " " " " " " " "
	5.840 4.570 3.295 (254) *4.568	14.817				
3			5.570 4.305 (253) (243) 3.040 *4.305	10.512		" " " " " " " " " " @ S.W. 95TH ST.
	5.270 4.030 (248) 2.795 *4.032	14.544 14.543				
4			5.740 4.490 (250) 3.240 *4.490	10.054 10.053		SET " " " " " " " " " " " JUST S. OF 836 RAMP
	6.850 5.569 (251) 4.275 *5.563	15.617				
5			6.280 4.930 (270) 3.580 *4.930	10.687		" " E. E/P BUSWAY N. OF DATRAN DRIVE
	7.430 6.120 (262) 4.810 *6.120	16.807				
6			6.370 5.025 (270) 3.670 x 5.022	11.785		SET NAIL ℄ BUSWAY - JUST N. OF DADELAND BLVD.

28
05-24-05
PETERS
WOLF

T.F.W.M.D.
BENCHRUN CONTINUED
N.A.V.D.1988

2954

1177/3

TP#	(+)	H.I.	(-)	ELEV.	ELEV.	DESCRIPTION
	5.990 1.065 (244) 2.845 *1.067	15.852				
			5.910 (245) 1.690 3.440 *1.687		11.165	SET NAIL IN ASPHT. METRO RAIL PARKING LOT (SPACE 1540)
7						
	6.350 5.090 (252) 3.890 *5.090	16.255				
			5.860 1.040 (244) 3.420 *1.040		11.675	
8						
	5.970 1.745 (245) 3.520 *1.715	16.960				SPACE 1641-1647
			5.905 1.425 (274) 3.015 *1.425		11.935	
9						
	1.820 3.650 (234) 2.490 *3.650	15.585				" " IN ASPHT WALK TO PARKING LOT
			6.060 4.870 (238) 3.680 *1.870		10.715	
10						
	5.125 3 *.905 (244) 2.490 *3.907	14.622				SET NAIL IN ASPHT (N.W H.E COR OF INTER OF S.W 88TH ST & U.S.1
			6.600 5.365 (247) 1.130 *5.365		9.257	
11						
	6.550 5.670 (242) 1.455 *5.668	14.925 14.923 5.667				SET NAIL W.E/P U.S.1 200'± S. of S.W 70TH AVE.
			5.230 1.590 (248) 3.350 *1.590		10.335 10.333	
12						
						" " " " " RT. TURN LANE to DADELAND STATION

08-28-05
PETERS
WOLF

S.F.W.M.D.
BENCH RUN CONTINUED
N.A.V.D. 1988

2578

1177/4

T.P. #	(+)	H.I.	(-)	N. AND E. ELEV.	N. AND E. BM ELEV.	DESCRIPTION
	7.150 5.910 (249) 4.660 *5.907	16.242 16.240				
13			3.000 1.615 (277) 0.225 1.613	14.629 14.627	14.64 PUBLISHED	B.M. FOE 1471" - FND F.D.O.T. BRASS DISC IN HANDRAIL (S.W.) W. SIDE BRIDGE OVER SNAPPER CREEK CANAL - ACCESS FROM KENDAL MITSUBISHI
	2.210 1.235 (196) 0.250 *1.232	15.841 15.858				
14			10.185 9.130 (211) 8.075 *9.130	6.731 6.728		SET 60D SPIKE ALONG N. BANK "SNAPPER CREEK"
	1.610 3.690 (188) 2.780 *3.693	6497 L.F. 10.424 10.422				
15			6.195 5.300 (180) 4.400 *5.298	5.126 5.123	5.13 NAVD88	FND S.F.W.M.D ALUMINUM DISC IN CONC. STAMPED "B.M. OL-2002" C-25-W-2" WELL REF.
	6.070 5.080 (198) 4.085 *5.076	10.204 10.202				
16			5.850 (17.200) 1.850 3.850 *4.850	5.354 5.352		SET 60D SPIKE N. BANK "C-2 CANAL" SNAPPER CREEK (W) of LUDLAM RD.
	10.915 9.740 8.566 (236) *9.738	15.092 15.090				
17			7.920 6.730 (238) 5.540 *6.730	8.362 8.360		SET NAIL E. E/P LUDLAM RD.
	3.515 2.240 (255) 0.970 *2.242	10.604 10.602				
18			5.200 4.130 (256) 2.850 *4.127	6.477 6.475		" " W. E/P " " N. OF KENDAL DRIVE
	↓					

08-25-05
PETERS
WOLF

S.F.W.M.D.
BENCHRUN CONTINUED
NAVD 88

3155

1177/5

T.P.#	(+)	H.I.	(-)	NAVD88 ELEV.	NAVD88 B.M. ELEV	DESCRIPTION
	7.840 6.340 (301) 4.830 *6.337	12.814 12.812				
			6.130 4.684 (244) 3.140 *4.693	8.181 8.178		SET NAIL S.E/P KENDALL DR. E. OF U.S.I
19	5.340 7.140 (234) 5.950 *7.143	15.324 15.322				
			6.020 4.795 (215) 3.570 *4.795	10.529 10.527		" " " " " " " " " " " "
20	6.830 5.595 4.860 (241) *5.595	16.124 16.122				
			6.260 5.010 (256) 3.760 *5.010	11.114 11.112		" " " " " E of U.S.I
21	5.900 4.615 (278) 3.120 *4.512	15.626 15.623				
			5.[illegible] 4.206 (286) 2.835 *4.206	11.361 11.358		SET NAIL S.E/P KENDALL DRIVE W. OF U.S.I (30' W. OF W. E/P)
22	5.685 4.440 3.200 (219) *4.442	15.803 15.800				
			6.175 4.910 (253) 3.650 *4.912	10.891 10.888	(0.894 L.P.)	" " " " " " " " " " (IN FRONT OF WACHOVIA BANK)
23	5.940 4.665 (255) 3.390 *4.665	15.556 15.553				
			7.130 5.965 (263) 4.400 *5.965	9.691 9.688		SET NAIL N.E/P KENDALL DRIVE 200' W. OF ENTRANCE DOGLAND MALL
24						

09 29 05
PETERS
WOLF

FWMD
BENCH RUN CONTINUED
NAVD 88

TP.	(+)	H.I.	(-)	ELEV.	NAVD 88 BM ELEV.	DESCRIPTION
	6.460 5.180 (256) 3.900 *5.180	14.871 14.868				
			7.800 (282) 6.515 5.280 *6.542	8.329 8.327		
25	6.540 5.245 (259) 3.950 *5.245	13.574 13.572				SET NAIL 8'N OF N.E/P KENDALL DRIVE & (E) OAKLAND BLVD
			6.730 (263) 5.420 4.100 *5.417	8.157 8.155		" " 8'N OF N.E/P KENDALL DR. W. PUMP RETURN @ W. ENTRANCE to OAKLAND MALL
26	6.175 4.900 (255) 3.630 *4.902	13.065 13.057				
			5.100 3.820 (256) 2.540 *3.820	9.245 9.237		SET NAIL N.E/P KENDALL DRIVE 250'± W. OF N. BOUND ENTRANCE RAMP to 826
27	5.380 4.130 (250) 2.875 *4.128	13.373 13.365				
			9.130 4.890 (218) 3.650 *4.890	8.483 8.475		SET NAIL N.E/P ~~826~~ KENDALL DRIVE 250'± W. OF THE 826 "
28	5.570 4.330 3.080 (249) *4.327	12.810 12.802				
			4.915 (241) 6.715 5.475 *6.712	6.098 6.090		" " " ~~826~~ " " 35'± W. OF SW 77TH AVE
29	5.800 (263) 4.535 3.270 *4.535	10.473 10.625				
			5.990 4.705 (256) 3.425 *4.707	5.926 5.918		SET NAIL IN SWK N. SIDE R.L. DRIVE 50'± E. OF SW 79TH AVE
30						

↓

S.F.W.M.D.
BENCH RUN CONTINUED
NAVD 88

3100

1177/7

T.P.	(+)	H.I.	(-)	ELEV	(B.D.) ELEV	DESCRIPTION
	6.590 5.310 (256) 4.030 *5.310	11.236 11.228				
31			5.950 1.675 (261) 3.945 *1.673	6.563	6.555	SET N. IN SW'LK N. SIDE KENDALL DRIVE 250'E. OF SW 79TH AVE.
	5.960 1.550 (253) 3.130 *5.550 1.547	11.110 11.102				
32			6.500 5.030 (295) 3.570 *5.093	6.077	6.068	@ B.D. N. SIDE SET N. IN SW'LK KENDALL DRIVE (300'± W. OF SW 79TH AVE
	6.515 5.300 (244) 1.080 *5.298	11.375 11.367				
33			6.960 5.760 (241) 1.550 *5.757	5.618	5.610	SET NAIL IN SW'LK — (200'± W. OF SW 82nd AVE (N. SIDE KENDALL DR.)
	6.650 5.400 4.150 (250) *5.400	11.018 11.010				
34			5.770 1.470 (259) 3.180 *1.478	6.545	6.537	SET NAIL IN SW'LK N. SIDE KENDALL DRIVE (160'± E. OF SW 82ND AVE N. BOUND)
	6.090 4.790 (247) 3.560 *1.799	11.938 11.330				
35			6.850 (259) 5.560 1.260 *5.557	5.781	5.773	" " " " " " " (350'± W. OF 82ND AVE N. BOUND)
	7.025 3.780 (250) 4.530 *5.778	11.559 11.552				
36			6.455 5.170 (257) 3.890 *5.172	6.387	6.380	" " " " " " " " (@ S.W. 82ND CT. (S. 1900 NA)

03-29-05
PETERS
WOLF

S.F.W.M.D.
BENCH RUN CONTINUED
N.A.V.D. 1988

2902 1177/8

T.P.	(+)	H.I.	(−)	ELEV.	NAVD 88 B.M. ELEV.	DESCRIPTION
	6.130 4.880 (250) 3.630 *4.880	11.267 11.260				
37			6.310 5.020 (251) 3.740 *5.023	6.244 6.237		SET NAIL IN S.W. N. SIDE KENDALL DRIVE (280'± W. OF S.W. 86TH AVE (N. BOUND)
	5.485 4.600 (178) 3.710 *4.598	10.842 10.835				
38			5.730 (182) 4.820 3.905 *4.818	6.024 6.017	(18, 125)	" " " " " " " " (110'± E. ON S.W. 87TH AVE.)
	6.010 4.710 (260) 3.410 *4.710	10.784 10.727				
39			6.700 5.375 (265) 4.045 *5.373	5.361 5.353		SET NAIL N. E/P ACCESS RD. JUST N. OF KENDALL DRIVE @ #
	6.315 5.085 (246) 3.855 *5.085	10.446 10.438				
40			6.080 4.810 (254) 3.540 *4.810	5.636 5.628		" " S " " " " " " " #8821 W. ℄ ±
	5.930 4.665 (252) 3.405 *4.667	10.303 10.295				
41			5.840 (257) 4.550 3.270 *4.553	5.750 5.742		" S. RIM S.B. M.H. LOCATED 75' W OF S.W. 87TH & 6'± N. OF B.O.C. N. SIDE KENDALL DRIVE
	6.360 5.130 (246) 3.900 *5.130	10.880 10.872				
42			6.390 5.115 (255) 3.840 *5.115	5.765 5.757		SET NAIL S. E/P ACCESS RD - JUST N. OF KENDALL DRIVE # 8975 W. ℄

T.P.	(+)	H.I.	(−)	ELEV.	N.A.V.D. 88 B.M. ELEV.	DESCRIPTION
	5.710 4.150 (251) 3.195 *4.452	10.217 10.208				
43	6.200 4.950 (250) 3.700 4.950	10.274 10.265	6.190 4.890 (259) 3.600 *4.893	5.324 5.315		SET NAIL S.E/P ACCESS RD. N. OF KENDALL DRIVE 100'± W. OF SW 91st AVE (#9101)
44	6.110 4.856 (251) 3.600 *4.855	10.331 10.322	6.090 4.800 (258) 3.505 *4.798	5.476 5.467		" " " " " " " " " #9241
45	6.265 5.030 (247) 3.800 *5.032	10.891 10.882	5.720 4.470 (249) 3.225 4.472	5.859 5.850		" " " " " " " " " #9321
46	6.856 (242) 5.650 4.440 *5.648	11.616 11.607	6.170 4.920 (249) 3.680 *4.923	5.968 5.958		" " " " " " " " " Just E. of SW. 94th AVE (40' E. OF)
47	5.960 4.670 (256) 3.380 *4.670	11.906 11.897	5.580 4.380 (240) 3.180 *4.380	7.236 7.227		SET NAIL IN SWK. N. SIDE KENDALL DRIVE (40' E. OF XBY BUS STOP)
48			6.450 5.190 3.910 *5.193	6.713 6.703		SET NAIL IN SWK. " " " " 50' E. OF 874 N. BOUND RAMP

03-29-05
PETERS
W06F

G.F.W.M.D.
BENCHRON CONTINUED
N.A.V.D.88

T.P	(+)	H.I.	(−)	ELEV (NAVD88 BM. ELEV.)	DESCRIPTION
	6.080 4.750 (264) 3.415 *4.718	11.461 11.452			
			5.520 1.220 (259) 2.930 *4.223	7.238 7.228	SET NAIL IN GW 120'± W. OF GW 97TH AVE (E OF SR 874) N. SIDE KENDALL DRIVE
49	7.000 5.720 (257) 4.450 *5.717	12.956 12.945			
9-21-05 ↓ 50			3.050 (266) 1.775 0.500 *1.770	180 11.463 11.470	SET NAIL & W. BOUND EXIT RAMP SR 878 & N. E/P KENDALL DR.
	9.760 4.190 3.220 (255) *4.290	15.456 670 15.660			
51			9.770 (251) 8.485 7.250 *8.186	180 7.470 7.475	SET NAIL IN GW N. E/P 150'± W. OF GW 98TH CT. N. SIDE KENDALL DRIVE.
	7.130 5.220 (268) 4.500 *5.317	12.987 13.002 12.972			
52			7.150 5.790 (270) 4.490 5.796	7.212 7.197 7.202	" " IN GW N. SIDE KENDALL DR. 50'± W. OF GW 99TH CT.
	5.130 3.880 (264) 2.465 3.798	10.995 11.010 11.000			
53			6.690 (241) 5.355 4.020 *5.356	655 5.640 5.645	" " " " " " " " 100'± E OF GW 101ST AVE
	6.855 5.580 (266) 4.305 *5.580	11.220 235<~~11.000~~ 11.225			
54			6.250 4.935 (269) 3.420 *4.935	900 6.250 6.270	SET NAIL IN ACCESS RD N. OF KENDALL DRIVE 75'± E. of GW 102 AVE (S. E/P)

03-29-05
PETERS
WOLF

S.F.W.M.D
BENCHRUN CONTINUED
N.A.V.D. 1988

T.P.	(+)	H.I.	(−)	ELEV.	NAVD88 BM ELEV	(DESCRIPTION)
	5.220 3.970 (250') 2.720 3.970	10.255 270 10.260				
55			6.000 4.735 (253) 3.470 * 4.735	5.595 5.520 5.525		SET NAIL N.E/P ACCESS RD N. OF KENDALL DRIVE #102
	5.740 (184) 4.820 3.900 4.820	10.355 10.345				
56			5.720 (216) 4.640 3.560 * 4.640	5.715 5.705	5.622	"S-121" C-100-CANAL (3413) FILM 19 FND S.F.W.M.D ALUM DISC IN E. HEADWALL - STAMPED: PR 48 1979 BM.
	6.275 5.430 (149) 4.585 * 5.430	11.145 11.135				
57			6.260 5.380 (176) 4.500 * 5.380	5.765 5.755		SET NAIL IN SWK 135'± W. OF ENTRANCE TO 10353 KENDALL DRIVE
	5.410 4.130 (256) 2.850 * 4.130	9.895 9.885				
58 PRINTED WRONG, CHECK #'s TO E.			6.530 5.230 (260) 3.930 5.290	4.665 4.655		SET NAIL IN SWK N. SIDE KENDALL DRIVE @ #14170 "DON PAN BAKERY"
	6.760 5.506 (250) 4.256 5.0 * 5.507	10.172 10.162				
59			5.280 3.995 (257) 2.710 * 3.995	6.177 6.167		" " " " " " " "
04-04-05	7.840 6.620 (245) 5.390 * 6.617	12.794 12.783				
60			6.850 5.595 (251) 4.335 * 5.593	7.201 7.190		" " " " " " " " 175' W. OF SW. 107TH AVE

04-04-05
PETERS
WOLF

S.F.W.M.D.
BENCHRON CONTINUED
N.A.V.D. 1988

2696

1177/12

STA	(+)	H.I.	(-)	ELEV	NAVD88 BM. ELEV	DESCRIPTION
	5.520 4.155 3.385 (213) *4.453	11.654 11.643				
G1			6.290 5.205 (217) 1.120 *5.205	6.449 6.438		SET NAIL IN SWK. E. SIDE DRIVE to SHERWOOD APTS (W. DRIVE) N. SIDE KENDALL DRIVE
	6.510 5.385 (225) 4.260 *5.385	11.894 11.823				
G2			5.700 (228) 1.540 3.420 *1.540	7.274 7.263		SET NAIL IN SWK. N. SIDE KENDALL DR.
	6.130 5.005 (224) 3.890 *5.005	12.282 12.272				
G3			6.500 5.370 (226) 1.240 *5.370	6.912 6.902		" " " " " " " " 195' W. OF SW 107TH AVE
	6.180 5.080 (219) 3.995 *5.082	11.994 11.983				
G4			5.800 1.660 (227) 3.590 1.663	7.331 7.320		" " " " " " " " " " @ SW 108TH PASSAGE (HARBOR KEY #11111)
	6.470 5.340 (227) 4.200 *5.337	12.668 12.657				
G5			6.640 5.490 (230) 1.340 *5.490	7.178 7.167		" " " " " " " " " " 40' W. OF ENTRANCE to SHERWOOD WEST
	5.745 4.615 (230) 3.470 *4.617	11.795 11.783				
G6			5.300 1.150 (230) 3.000 *1.150	7.645 7.633		" " " " " " " " " " 230' W. OF SW 112TH AVE

04-04-05
PETE'S
WOLF

T.F.W.M.D.
BENCHRUN CONTINUED
U.A.V.D 1988

2819

11/7/12

STA.	(+)	H.I.	(-)	ELEV.	N AUDGE W.M. ELEV	DESCRIPTION
	5.475 1.356 (226) 3.220 *1.918	11.999 11.782				
67			5.800 1.620 (234) 3.440 1.620	7.373 7.362		T.B.M.H SET NAIL IN CUR. N. SIDE KENDALL DR. 1 WEST W. OF S.W. 113TH AVE (25'±)
	6.210 5.070 (228) 3.930 *5.270	12.449 12.432				
68			6.410 5.240 (235) 1.060 *5.237	7.206 7.195		SET NAIL IN CURB N. SIDE KENDALL DR. ACROSS FROM # 11220 (YELLOW BLDG FUNERAL HOME MARIES FLORIST)
	6.100 3.950 3.805 (229) *1.952	12.155 12.147				
			5.500 1.340 (232) 3.180 *1.340	7.818 7.807		" " " " " " " " 200'± W. OF S.W. 113TH PL.
69	5.776 1.035 (224) 3.506 *4.037	12.155 12.443				
			6.410 5.240 (234) 4.070 *5.240	7.215 7.203		SET N. " " " " " ℄ OF E. DRIVE TO POLO TROPICAL "
70	6.710 5.580 (233) 4.410 *5.577	12.792 12.780				
			5.860 (238) 1.690 3.525 *4.692	8.100 8.088		" " " " " " " " IN FRONT OF "SHELL" STATION ⊙ S.W. 117TH AVE & KENDALL DRIVE (N.E. QUAD.) W. SIDE N. DRIVE
71 34379 L.F 6.5 MILES 04-05-05	6.690 3.372 (251) 4.120 *5.373	13.479 13.462				
			5.715 (250) 4.420 3.160 *4.498	9.235 9.023		SET NAIL E. E/P 117TH AVE
72						

05
04-04-05
PELTO
WOLF

T.F.W.M.D.
BENCHRUN CONTINUED
N.A.V.D. 1988

3084

1.77.13

STA	(+)	H.I.	(-)	ELEV.	NAVD88 ELEV	DESCRIPTION
	5.895 4.620 (254) 3.355 *4.108	13.658 13.647				
			4.340 5.046 (255) 3.790 *5.045	8.593 8.582		
73	7.040 5.710 (267) 4.376 *5.707	14.300 14.288				SET NAIL E. E/P OLD S.W. 117TH AVE (ABANDONED RD) 225'± S. OF 84TH ST.
			6.730 5.380 4.080 *5.380	8.920 8.908		T.O.C.
74	6.590 5.320 4.050 (254) *5.320	14.210 14.228				" " E. E/P S.W. 117TH AVE N. SIDE S.W. 83 TERR.
			7.045 5.750 (259) 4.455 *5.750	8.490 8.478		
75	5.690 4.410 (255) 3.140 *4.413	12.903 12.892				SET NAIL IN S.W. E. SIDE S.W. 117TH AVE 50'± N. OF ℄ S.W. 81ST TERR.
			5.910 4.235 (255) 3.940 *4.235	8.268 8.257		" " " " " " " " 65'± N. OF ℄ S.W. 80TH ST.
76	6.390 5.110 (256) 3.890 *5.110	13.578 13.367				
			6.640 5.640 (251) 4.360 *5.637	7.741 7.730		" " " " " " " " 275'± N. OF ℄ S.W. 79TH ST.
77	5.840 4.600 (258) 3.330 *4.597	12.398 12.327				
			6.615 5.340 (255) 4.070 *5.342	6.996 6.985		" " " " " " " " 150'± N. OF ℄ S.W. 77TH BLOCK
78						

04-05-05
PETERS
WOLF

G.F.W.M.D.
BENCH RUN CONTINUED
N.A.V.D. 1988

STA.	(+)	H.I.	(-)	ELEV.	NAVD 88 BM. ELEV.	DESCRIPTION
	6.040 4.250 (238) 3.660 *4.850	11.846 11.835				
			5 4.580 4.370 (241)			
79			3.170	7.673		SET NAIL IN S.W.D. E. SIDE S.W. 117TH AVE 225'± N. OF ℄ S.W. 74TH ST.
	4.475 3.250 (249) 1.990 *3.232	10.705 10.693	*4.323	7.462		
			4.460 3.185 (265)			
80			1.910	7.526		SET " " " " " " " " 188'± N. OF ℄ S.W. 74TH TERR.
	4.845 5.765 (211) 2.680 *3.763	11.280 11.272	*3.185	7.508		
			5.145 4.070 (214) 2.990	7.215		" " " " " " " " " " 100'± S. OF ℄ S.W. 72nd ST.
81			*4.068	7.203		
	6.420 5.150 3.875 (254) *5.148	12.343 12.352				
			6.760 5.515 (249) 1.270	6.848		" " " " " " " " " " 350'± 450'± N. OF ℄ S.W. 72nd ST. "LONG JOHN SILVERS" EYEBROW
82 39.588 7.55 MILES	5.160 3.930 (247) 2.690 *3.927	10.775 10.763	*5.515	6.837		
			6.260 5.615 (250) 3.760	5.765		" " " " " " " " " " ± W. OF "BJ'S WHOLESALE CLUB"
83						
	6.140 4.910 (241) 3.680 *4.910	10.675 10.663	x 5.010	5.753		
			6.090 4.830 (262) 3.565	5.947		IN ASPHT. " " " " " " " " " @ N. DRIVE to "BANK OF AMERICA"
84			*4.828	5.835		

04-05-05
PETERS
WOLF

S.F.W.M.D
BENCHRUN CONTINUED
NAVD 88

STA	(+)	H.I.	(-)	ELEV	NAVD 88 B.M. ELEV	DESCRIPTION
	6.460 5.200 (251) 3.950 x 5.203	11.050 11.038				
85	6.295 5.025 (254) 3.760 * 5.027	12.037 12.025	5.290 (250) 4.040 2.790 x 4.040	7.010 6.998		SET NAIL IN S.W.K. ACROSS FROM 6670 S.W. 117TH AVE
86	6.920 5.680 (248) 4.440 x 5.680	12.117 12.105	6.890 5.600 (258) 4.310 x 5.600	6.437 6.425		" " " " " " 6500 " " " (TIRE KINGDOM)
87	5.470 4.400 (215) 3.320 * 4.397	11.534 11.522	6.230 4.980 (250) 3.730 * 4.980	7.137 7.125		" " " " " " NOT DESCRIBED
88	7.570 6.375 (239) 5.180 * 6.375	15.259 15.247	3.840 (238) 2.650 1.460 2.650	8.884 8.872		W. RIM OF STORM M.H @ THE S.E. COR. OF BRIDGE OVER SNAPPER CREEK
89	4.600 4.490 (22) 4.375 x 4.488	11.555 11.543	9.390 8.190 (234) 6.995 * 8.192	7.067 7.055		SET NAIL S. E/P SNAPPER CREEK DR
90			4.930 4.810 (24) 4.685 x 4.808	6.747 ~~6.697~~ 6.735	8.31 NGVD29	FND S.F.W.M.D ALUM. DISC - STAMPED B.M. C25W1 LOCATED 16.5 W. OF ℄ S.W. 116TH AVE PROJECTED S. & 23' S. OF S. E/R SNAPPER CREEK DR.

04-06-05
PETERS
WOLF

S.A.W.M.D.
XBENCHMKS CONTINUED
NAVD 88

3047

1177116

STA	(+)	H.I.	(-)	ELEV.	NAVD 88 (S.A.) ELEV.	DESCRIPTION
	4.050 4.805 (218) 3.570 *4.808	11.555 11.543				
			5.620 (249) 4.380 3.130 *4.377	7.178 7.167		SET NAIL W. E/P S.W. 117TH AVE ACCESS RD. E. OF 117TH AVE #5928
91	4.010 4.780 (246) 3.545 *4.778	11.956 11.945				
			6.440 (258) 5.420 4.150 *5.420	6.536 6.525		" " " " " " " " " " E/P S.W. 95TH TERR.
92	6.270 4.990 3.710 (256) *4.990	11.526 11.515				
			4.990 3.690 (259) 2.400 *3.693	7.833 7.822		SET N. W. E/P S.W. 117TH AVE ACCESS RD. #5701
93	6.200 4.950 3.705 (219) *4.952	12.725 12.773				
			6.150 4.900 (251) 3.640 *4.897	7.888 7.877		SET N. W. E/P " " " " " " N. OF S.W. 95TH ST. #5515
94	5.885 4.605 (256) 3.330 *4.607	12.495 12.483				
			6.470 5.170 (261) 3.860 5.167	7.328 7.317		" " " " " " " " " " " " #5355 (NOT PRINTED)
95	5.430 4.130 (260) 2.890 *4.130	11.458 11.447				
			5.550 4.305 (254) 3.035 *4.307	7.151 7.140		" " " " " " " " " " #5235 (NOT PRINTED)
96						

04-05-05
PETERS
WBLF

S.F.W.M.D
BENCHMARK CONTINUED
NAVD 1988

3079

11/7/17

STA	(+)	H.I.	(-)	ELEV	NAVD88 (2004) ELEV	DESCRIPTION
	5.790 1.530 (252) 3.265 *1.528	11.679 11.668				
97			5.680 1.390 (257) 3.110 *1.393	7.286 7.275		SET NAIL W. E/P S.W. 117TH AVE ACCESS RD. # 5~~3~~35 (EXTENDED NORTH) @ S.W. 51ST ST
	5.610 1.380 (246) 3.150 *1.380	11.666 11.655				
98			5.740 1.490 (250) 3.240 *1.490	7.176 7.165		" " " " " " " " " @ #4935 (40' N. OF N. PL)
17,124 L.F 3.25 MILES	5.240 1.570 (253) 3.305 *1.572	11.748 11.737				
99			6.180 1.940 (248) 3.700 *1.940	6.808 6.797		" " " " " " " " " @ 250' S. OF ℄ S.W. 47 TERR. 7535.
	5.310 6.300 1.890 (285) 3.410 *1.887	11.695 11.683				
100			6.130 1.770 (273) 3.400 *1.767	6.928 6.917		" " " " " " " " " @ #4625
	5.880 1.620 (251) 3.370 *1.623	11.551 11.540				
101			5.690 1.400 (258) 3.105 *1.398	7.150 7.142		" " " " " " " " " @ JUST N. OF S.W. 45TH ST.
	5.750 1.490 (252) 3.530 *1.490	11.643 11.632				
102			6.100 1.830 (254) 3.560 *1.830	6.813 6.802		" " " " " " " " " @ #4366

04-05-05
PETERS
WOLF

S.F.W. 117.0
BENCH RUN CONTINUED
NAVD 1988

3114

1177/18

STA	(+)	H.I	(-)	ELEV	NAVD88 B.P. ELEV	DESCRIPTION
	5.900 4.620 (256) 3.340 * 4.620	11.453 11.422				
			5.590 4.360 (246) 3.130 4.360	7.073 7.062		SET NAIL W. E/P S.W. 117TH AVE ACCESS RD @ # 4241 4255
103	6.810 5.560 4.310 (250) * 5.560	12.633 12.622				
			6.880 5.620 (252) 4.360 * 5.620	7.013 7.002		" " E/P " " " " " " @ 4161 4241
104	5.710 4.460 (249) 3.220 * 4.465	11.476 11.465				
			5.790 4.550 (247) 3.320 * 4.553	6.929 6.912		" " " " " " " " " @ 4051
105	6.130 4.765 (273) 3.400 * 4.765	11.688 11.677				
			5.350 3.960 (275) 2.570 * 3.960	7.728 7.717		SET NAIL IN S.W.K. N.E. QUAD S.W. 117TH AVE & S.W. 40TH CT CHEVRON STATION BY S.W. PROP. COR.
106 51, 5491.F 04-06-05	1995 3.730 (253) 2.470 * 3.732	11.460 11.448				
			5.340 2.090 (252) 2.820 * 4.090	2.380 7.368		" " " " S.W. 117TH AVE N. OF S.W. 40TH CT 50' N. OF N.P.L. COMFORT SUITES
107	6.180 4.770 3.370 (251) * 4.773	12.153 12.142				
			5.770 4.380 (271) 3.000 * 4.383	7.770 7.758		SET NAIL IN S.W.K. E/P SIDE S.W. 117TH AVE / WEST BIRD VILLAGE APTS. BLDG 9611
108						

PETERS
WOLF

GFWMD
BENCH RUN CONTINUED
NAVD 1988

3026

1177/19

STA	(+)	H.I.	(−)	ELEV.	DIF. ELEV	DESCRIPTION
	G.450 5.170 3.890 (256) *5.170	12.937 940 12.928				
109			7.220 5.940 (256) 4.660 *5.940	7.000 997 6.988		SET NAIL IN GWK E SIDE GW 117TH AVE @ N. DRIVE to (N. SIDE) (WESTBURY VILLAGE APTS
	G.280 5.020 (252) 3.760 ✓5.020	12.017 020 12.008				
110			G.240 4.990 (250) 3.740 *4.990	7.230 027 7.018		" " " " " " " " " 250' N. OF TOLL BOOTH
	G.490 5.230 (251) 3.980 *5.233	12.260 263 12.252				
111			G.070 4.770 (259) 3.480 *4.773	7.490 497 7.478		SET NAIL T.O.C. GW 32nd St & G.W. 117TH AVE (N.E. QUAD)
	G.370 5.140 (246) 3.910 *5.140	12.627 630 12.618				
112			7.060 5.820 (249) 4.570 *5.817	G.813 870 6.802		SET NAIL IN GWK E SIDE GW 117TH AVE @ #3021
	G.210 4.930 (256) 3.650 *4.930	11.743 11.732				
113			G.115 4.950 (254) 3.580 *4.948	695 6.692 6.883		" " " " " " " " " @ 2841
	G.280 5.050 (246) 3.820 *5.050	11.942 945 11.933				
114			5.780 4.520 (251) 3.270 *4.523	122 7.449 7.410		" " " " " " " " " 220' N. OF ℄ GW 28TH ST. #2711

✓

04- 05
PETERS
WOLF

L.F.W.M.D
BENCH RUN (CONTINUED)
N.A.V.D. 1988

3049

1177/20

STA	(+)	H.I.	(−)	ELEV.	NAVD 88 BM. ELEV	DESCRIPTION
	5.205 3.970 (247) 2.740 *3.972	11.394 11.382				
115			5.970 4.740 (246) 3.510 *4.740	6.654 6.642		SET NAIL E. SIDE G.W. 117TH AVE IN G.W.K @ # 2531
	6.280 5.040 (241) 3.840 *5.040	11.714 11.702				
116			5.510 4.260 (250) 3.010 *4.260	7.454 7.442		" " " " " " " " " " 200' ± S. OF G.W. 24TH ST.
	6.090 4.640 (289) 3.200 *4.643	12.697 12.085				
117			6.920 5.590 (290) 4.090 *5.527	6.5700 6.558		" " " " " " " " " " IN ASPHT WALK 400' ± N. OF G.W. 24TH ST. DRIVE (350'
→	7.135 4.205 (245) 3.980 *6.205	12.773 12.762				
118			5.725 4.500 (245) 3.280 *4.502	8.271 8.260		" " " " " " " " " " ASPHT WALK 750' ± S. OF ℄ G.W. 2000 BLK. 325' ±
	6.000 4.750 (250) 3.500 *4.750	13.021 13.010				
119			4.990 3.730 (253) 2.460 *3.727	9.294 9.283		" " " " " " " " " " 175' ± N. OF G.W. 2000 BLOCK.
	6.390 5.160 3.920 (247) *5.157	14.451 14.440				
120			7.050 5.835 (244) 4.620 *5.835	8.616 8.605		SET N. IN ASPHT G.W.K. - E. SIDE G.W. 117TH AVE 75' ± S. OF 2000 BLK (BARNHILL AVE WAY) @ COURTHOUSE
58687 L.F 11.12 MILES						

04-05
PETERS
WOLF

G.F.W.177.0.
BENCHRUN CONTINUED
NAVD 1988

3:09

11/7/21

STA	(+)	HI	(-)	ELEV	NAVD 88 ELEV	DESCRIPTION
	5.820 4.420 (248) 3.380 *4.420	13.296 13.225				
121			5.080 3.890 (249) 2.890 *3.893	9.403 9.392		SET NAIL IN ASPH SW'LY E SIDE OF GW 117TH AVE (N. SIDE FPL COMPOUND)
	5.400 4.020 2.640 (276) *4.020	13.420 13.412				
122			5.500 4.140 (273) 2.770 *4.137	9.284 9.275		SET NAIL E. E/P G.W. 117TH AVE 300'± N. OF STADIUM DRIVE
	5.040 3.790 (249) 2.550 *3.793	13.079 13.068				
123			5.430 4.185 2.940 (249) *4.185	8.894 8.883		" " " " " " "
	4.430 3.140 (253) 1.940 *3.143	12.057 12.047				
124			6.130 1.890 (248) 3.650 *1.890	7.167 7.157		" " " " " " "
	4.110 2.920 1.730 (238) *2.920	10.087 10.077				
125			5.095 3.890 (241) 2.690 *3.892	6.195 6.185		" " " " " " "
	6.580 5.310 (254) 4.040 *5.310	11.505 11.495				
126			6.310 5.060 (250) 3.810 *5.060	6.445 6.435		SET NAIL IN (@DRIVE 2ND ONE N) GW'LY E SIDE G.W. 117TH AVE ELEMENTARY SCHOOL

S.F.W.M.D.

04-06-05
PETERS
WOLF

BENCHRUN CONTINUED
N.A.V.D. 1988

T.P	(+)	H.I.	(-)	ELEV.	NAVD88 B.M. ELEV
	4.540	9.722			
	3.280 (253)	9.712			
	2.610				
	* 3.277				
			4.330		
			3.075 (251)		
127			1.820	6.647	
62219. LF	7.510	3.124	* 3.075	6.637	
11.8 MILES	6.480 (207)	13.113			
	5.440				
	* 6.477				
			5.990		
			4.950 (267)		
128			3.920	8.171	
	6.170		* 4.953	8.160	
	4.920 (249)	13.094			
	3.680	13.083			
	* 4.923				
			6.525		
			5.325 (240)		
129			4.125	7.769	
	6.060		* 5.325	7.758	
	5.300	13.069			
	4.540 (152)	13.058			
	* 5.300				
			4.605		
			3.865 (148)		
130			3.125	9.204	
	6.640		* 3.865	9.193	
	5.870 (154)	15.074			
	5.100	15.063			
	* 5.870				
			9.070		
			7.245 (156)		
131			6.470	7.826	7.702
	6.130		7.248	7.815	
	5.570 (172)	13.396			
4.710	3.710	13.385			
	* 5.570				
			6.175		
			5.630 (149)		
132			4.790	7.764	
			* 5.632	7.753	

DESCRIPTION

SET NAIL IN CWK N. SIDE ELEMENTARY SCHOOL 100'± E. OF E. DRIVE

" " " " S.W. 8TH ST (S SIDE) N. OF TURNPIKE EXIT RAMP

" " " " " " " " (" ")

" " 1½ ASPHT FOR GUARDRAIL N. SIDE S.W. 8TH ST. @ #11605 ACROSS CANAL

FND SFWMD ALUM DISC STAMPED T-5 LOCATED @ N.W. COR. OF BRIDGE OVER TAMIAMI CANAL - N. SIDE 8TH ST. E. OF TURNPIKE

04-06-05
PETERS
WOLF

S.F.W.M.D
BENCH RUN CONTINUED
N.M.V.D 1929

T.P	(+)	H.I.	(-)	ELEV.	N.M.V.D.29 BM. ELEV
	9.725 8.450 (256) 7.170 *8.448	16.212 16.202			
			8.915 7.070 (244) 5.890 *7.072	9.140 9.130	
133	3.610 2.350 (258) 1.080 *2.347	11.487 11.477			
			5.745 4.500 (250) 3.250 *4.498	6.989 6.978	
134	7.090 5.815 (249) 4.200 *5.815	12.804 12.793			
			6.830 5.600 (246) 4.370 *5.600	7.204 7.193	
135	6.470 5.235 (247) 3.995 *5.233	12.437 12.427			
			6.515 5.090 (252) 4.030 *5.088	7.149 7.138	
136	6.560 5.320 247 4.090 *5.323	12.472 12.462			
			7.185 5.940 (250) 4.690 *5.938	6.534 6.523	
137 CC 506'L.F 12.61 miles	7.160 5.860 (260) 4.560 *5.860	12.394 12.383			
			6.110 4.805 (261) 3.500 *4.805	7.589 7.578	
138					

DESCRIPTION

SET NAIL IN GWL BY TURNPIKE EXIT RAMP W. OF OVERPASS BETWEEN E. BOUND & W. BOUND EXIT RAMP (S. SIDE 8TH ST.)

SET NAIL IN GWL S. SIDE S.W. 8TH ST. BY W. END OF #11890

" " " " " " " " " IN FRONT MC DONALDS

" " " " " " " " " IN FRONT OF CHIME

d 347
" " " " " " " " " IN FRONT OF "WACHOVIA" (W. OF S.W. 122nd AVE.

" " " " " " " " " E. ℄ 12310 (REGIONS BANK)

1177/23

04-06-05
PETERS
WOLF

S.F.W.M.D.
BENCHRUN CONTINUED
N.A.V.D. 1988

T.P.	(+)	H.I.	(−)	ELEV	NAVD88 BM ELEV.
	6.170 4.945 (245) 3.720 * 4.945	12.~~883~~ 534 12.523			
139 S 72096 13.66 MILES	6.280 5.140 4.000 (228) * 5.140	12.~~583~~ 834 12.823	6.060 4.840 (244) 3.620 * 4.840	7.~~443~~ 694 7.683	
04-07-05 140	5.855 4.625 (246) 3.395 * 4.625	12.~~138~~ 389 12.378	6.230 5.070 (232) 3.910 * 5.070	7.~~513~~ 764 7.753	
141	4.240 3.790 (216) 2.740 * 3.790	~~10.910~~ 11.161 11.150	6.270 5.020 (250) 3.765 * 5.018	7.371 ~~7.120~~ 7.360	
142	6.530 5.340 4.115 (238) * 5.338	~~12.211~~ 12.462 12.452	5.070 4.040 (207) 3.000 * 4.037	7.124 ~~6.873~~ 7.113	
143	6.465 5.255 (212) 4.050 * 5.257	12.149 ~~11.898~~ 12.138	6.780 5.570 (212) 4.360 * 5.576	6.~~622~~ 893 6.882	
144			5.070 (239) 3.870 2.680 * 3.873	~~8.025~~ 276 8.265	

✓ ✓

2825 1177/24

04-06-05
... 047
3.89 MILES

DESCRIPTION

SET NAIL IN SWK S. SIDE S.W. 8TH ST. BY K-MART SIGN

" " " " " " " " " ± W. of "TIRE KINGDOM"

" " " " " " " " " IN FRONT OF "BURGER KING"

" " " " " " " " " " " " WAJIRO'S RESTAURANT E. OF S.W. 127TH AVE

" " " " " " " " " " " 3RD P.P. W. OF 127TH AVE

" " " " " " " " " " " JUST E OF S.W. 128TH CT

S.F.W.M.D.
BENCHMARK CONTINUED
N.A.V.D. 1988

PETERS
WOLF

STA	(+)	H.I.	(-)	ELEV.	BM ELEV.	DESCRIPTION
	5.560 4.310 (251) 3.050 *4.307	~~12.872~~ ~~565~~ 12.572				
145			6.780 5.540 (248) 4.800 *5.540	~~7.092~~ 7.032		SET N. IN SW'K. S. SIDE S.W. 8TH ST. OPP EXIT'D ~~SUPERMARKET~~ #12140
	7.060 5.790 (254) 4.520 *5.790	~~12.582~~ ~~593~~ 12.822				
146			6.290 5.630 (251) 3.775 *5.032	~~7.801~~ ~~7.550~~ 7.790		" " " " " " " " 150'± W. OF S.W. 129TH PL.
	5.460 4.550 3.440 (182) *4.550	~~12.400~~ ~~12.951~~ 12.340				
147			5.390 4.500 (179) 3.600 *4.497	~~7.854~~ ~~7.603~~ 7.843		" " " " " " " " " "
	8.530 7.295 6.665 (246) *7.297	~~14.900~~ ~~15.951~~ 15.140				
148			5.390 4.120 (245) 2.940 *4.163	~~988~~ ~~10.737~~ 10.977		" " " " " " " " " 100'± W. OF ℄ S.W. 132nd AVE CANAL (SHELL STATION)
	5.040 4.135 (181) 3.230 *4.135	~~14.992~~ ~~15.123~~ ~~15.122~~ 15.112				
149		4.950	6.770 5.860 (252) 3.950 *5.860	~~9.263~~ ~~9.012~~ 9.252		" " " " " " " " " W. OF S.W. 132nd AVE FRONT OF K.F.C.
	4.170 2.890 (256) 1.620 *2.893	~~14.995~~ ~~12.156~~ 12.145				
150			5.190 (254) 3.920 2.650 *3.920	~~8.236~~ ~~7.985~~ 8.225		" " " " " " " " " 80'± E. OF S.W. 134TH AVE

04·07·05
PETERS
WOLF

S.F.W.M.D.
BENCHRUN CONTINUED
N.A.V.D. 1988

75,734 THRU THIS PG
14.344 MILES

STA	(+)	H.I.	(-)	ELEV	B.M ELEV	DESCRIPTION
	5.960 4.630 3.300 (266) *4.630	12.~~615~~ 866 12.855				
151			6.470 5.160 (261) 3.860 *5.163	7.~~452~~ 703 7.692		SET NAIL IN SWK S. SIDE S.W. 8TH ST ? 3RD PP W. OF 134TH AVE ±
	6.735 5.475 4.210 (253) *5.473	13.176 ~~12.4[illegible]~~ 13.165				
152			6.660 5.350 (262) 4.095 *5.348	7.~~5[illegible]7~~ 828 7.817		" " " " " " " 280' ± W. OF S.W. 135TH AVE
	6.280 5.030 (250) 3.780 *5.030	12.~~[illegible]~~ 858 12.847				
153			6.670 5.410 (252) 4.150 *5.410	7.~~197~~ 448 7.437		SET NAIL S. E/P S.W. 8TH ST 6606 (FRONT OF WALGREENS)
	6.290 4.960 3.625 267 *4.958	12.~~155~~ 406 12.395				
154			5.990 4.630 (271) 3.275 *~~4.618~~ 4.632	7.~~[illegible]~~ 774 7.763		SET NAIL IN ~~SWK~~ E/P S. SIDE S.W. 8TH ST. ~~450~~ 325' ± W. OF 137TH AVE. "BRAKE WORLD"
	6.250 5.030 (244) 3.810 *5.030	12.~~[illegible]~~ 804 12.793				
155			6.320 5.045 (254) 3.775 *5.047	7.~~[illegible]~~ 757 7.747		" " " " " " " " " 220' W. OF E. DRIVE to PUBLIX
	6.660 5.330 (267) 3.990 *5.327	13.084 ~~12.[illegible]~~ 13.073				
156			6.740 5.410 266 4.075 *5.408	7.~~425~~ 676 7.665		" " " " " " " " " W. OF 139TH AVE B.P. STATION

✓✓

04-07-05
PETERS
WOLF

SFWMD
BENCH RUN CONTINUED
NAVD 1988

2934

1177/27

	(+)	H.I.	(−)	ELEV	NAVD 88 B.M. ELEV	DESCRIPTION
158A	6.280 5.090 3.780 (260) *5.030	12.455 706 12.695				
157			5.410 1.160 (250) 2.910 *4.160	8.546 8.295 8.535		SET NAIL, N GWK S SIDE S.W. 8TH ST IN FRONT OF "L.A. FITNESS" E. ℄
158	5.870 4.645 (246) 3.410 4.642	13.188 12.997 13.177				
159			7.090 5.940 (251) 4.580 *5.837	7.951 7.700 7.340		" " E/P (BUS STOP) " " " " " " " " "POLLO TROPICAL"
160	6.700 5.560 4.400 (230) *5.550	12.904 12.650 12,890				
161			5.945 1.795 (234) 3.625 *4.795	8.104 7.855 8.095		" " IN GWK " " " " " 230'± W. OF ℄ DRIVE to SHOPPES OF MIAMI
162	6.145 4.930 (243) 3.720 *4.932	12.787 13.038 13.027				
			6.105 4.900 (241) 3.700 *4.902	8.196 7.995 8.125		" " " " " " " " " 30'± W. OF S.W. 142ND AVE
	5.890 4.410 (255) 3.340 *4.613	12.498 .749 12.738				
			6.535 5.295 (256) 3.940 *5.237	.512 7.241 7.502		SET N. IN GWK S. SIDE S.W. 8TH ST 250'± W. OF E. DRIVE to POST OFFICE
	6.650 5.650 (241) 4.440 *5.647	13.159 12.908 13.148				
			5.750 4.530 (243) 3.315 *4.532	.627 8.376 8.617		" " " " " " " " " 250' W. OF W. DRIVE to POST OFFICE

04-07-05 S.F.W.M.D. 2938 1177/28

PETERS BENCHRUN CONTINUED 1.5 W of 165

WOLF NAVD 1988

STA	(+)	H.I.	(-)	ELEV	NAVD 88 B.M. ELEV	DESCRIPTION
	5.530 4.290 (248) 3.050 *4.290	12.666 .917 12.907				
163	6.830 5.580 (250) 4.330 *5.580	12.925 / 13.174 13.163	6.570 5.320 (249) 4.080 *5.323	7.343 / .594 7.583		SET NAIL IN SWK S. SIDE S.W. 8TH ST. ~~350'~~ 430'± E. OF ℄ S.W. 147TH AVE
164	5.325 4.100 (246) 2.865 *4.097	12.522 / .773 12.762	5.750 4.500 (250) 3.245 *4.498	8.425 / .676 8.665		" " " " " " " " " ~~150'~~ 70'± W. OF ℄ S.W. 147TH AVE.
165	6.930 5.710 4.490 (244) *5.710	13.264 / .515 13.503	6.175 4.970 (242) 3.760 4.968	7.554 / .805 7.793		" " " " " " " " " 320'± " " " " "
166	5.845 4.690 (231) 3.540 *4.692	12.069 / .320 12.308	7.120 5.890 (247) 4.650 *5.887	7.377 / .628 7.617		" " " " " " " " " ~~100'~~ 95'± W. OF ℄ S.W. 148TH CT
167	6.970 5.730 (248) 4.490 *5.730	13.401 / .652 13.640	5.550 4.400 (230) 3.245 4.398	7.671 / .922 7.910		" " " " " " " " 200'± W. OF ℄ 149TH AVE
168			7.220 5.960 (253) 4.690 *5.957	7.440 / 7.695 7.683		NAIL W/E/P S.W. 150TH AVE " " " " " " " "

04-07-05
PETERS
WOLF

J.F.W.177.0.
BENCH RUN CONTINUED
NAVD 1988

3074

1177/29

STA	(+)	H.I.	(−)	ELEV.	NAVD88 B.M. ELEV	DESCRIPTION
	6.180 4.935 (218) 3.690 *4.937	12.632 ~~12.327~~ 12.620				
			5.480 4.240 (218) 9.000 ×4.240	~~8.389~~ 8.380		SET NAIL IN CURB - S. SIDE S.W. 8TH ST. 100' E. OF S.W. 152nd AVE
169	5.420 4.115 (260) 2.815 *4.117	~~12.509~~ ~~12.284~~ 12.497				
			5.350 5.040 (262') 3.730 5.040	~~7.469~~ ~~7.214~~ 7.457		
170	4.410 9.170 (241) 1.935 ×3.172	~~10.346~~ ~~10.086~~ 10.628				SET NAIL ON E/P Bldg. " " " " " "
			3.335 2.070 (259) 0.810 *2.072	~~8.569~~ ~~8.314~~ 8.557		
171	5.140 3.820 (244) 2.500 04-11-05 ×3.820	12.389 12.377				" " " " " " " " " " 100'± E OF S.W. 153RD PL.
			5.720 1.410 (262) 3.100 ×4.410	7.979 7.967		
172	6.260 4.980 (255) 3.705 ×4.982	12.961 12.948				SET N. N. E/P E. BOUND S.W. 8TH ST. 100'± W. OF S.W. 153RD PL.
			5.550 4.245 (261) 2.940 *4.245	8.716 8.703		
173	6.305 5.040 (253') 3.775 *6.040	13.756 13.743				" " " " " " " " " " ~~100'~~ 100'± 4TH P.P. W. OF S.W. 153RD PL.
			5.575 4.570 (261) 3.270 *4.572	9.184 9.172		
174						" " " " " " " " " ~~150'~~ 190'± E. OF S.W. 157TH AVE

04-11-05
PETERS
WOLF

S.F.W.M.D
BENCHRUN CONTINUED
NAVD 1988

STA.	(+)	H.I.	(−)	ELEV.	NAVD88 BM. ELEV	DESCRIPTION
	5.380 1.060 (263) 2.750 *1.063	13.247 13.235				
175			5.570 1.260 (262) 2.950 *1.260	8.987 8.975		SET NAIL N.E/P S.W. 8TH ST. E. BOUND 300'± W. OF S.W. 157TH AVE
	5.560 1.900 (252) 3.040 *1.900	13.287 13.275				
176			5.650 1.360 (251) 3.075 *1.362	8.925 8.913		" " " " " " " " " OPP. ± 5TH P.P. WEST OF 157TH AVE
	5.480 1.230 (250) 2.980 *1.230	13.155 13.143				
177			5.500 1.240 (253) 2.970 *1.237	8.918 8.907		" " " " " " " " " 100'± E. 10TH P.P " " " "
	5.445 1.176 (256) 2.890 *1.168	13.086 13.075				
178			5.530 1.230 (260) 2.930 *1.230	8.856 8.845		" " " " " " " " NOT DESCRIBED
	5.740 1.470 (253) 3.210 *1.473	13.329 13.318				
179			5.635 1.360 (255) 3.090 *1.362	8.967 8.957		" " " " " " " " " "
	5.845 1.575 3.305 (254) *1.575	13.542 13.532				
180			5.810 1.520 (258) 3.236 *1.520	9.022 9.012		" " " " " " " " "

02-11-05
PETERS
WOLF

S.F.W.M.D.
BENCHRUN (CONTINUED)
N.A.V.D. 88

STA	(+)	H.I.	(−)	ELEV.	NAVD 88 BM ELEV.	DESCRIPTION
	5.445 4.185 (253) 2.925 *4.185	13.207 13.197				
181			5.520 4.245 (255) 2.970 *4.245	8.962 8.952		SET NAIL N.E/P E. BOUND SW 8TH ST
	5.390 4.148 (249) 2.895 *4.143	13.105 13.095				
182			6.050 4.790 (252) 3.528 *4.788	8.317 8.307		" " " " "W" " " " "
	4.520 4.295 (45) 4.070 *4.295	12.612 12.602				
183			4.020 3.790 (46) 3.560 *3.790	8.822 8.812	8.63	FND U.S.C&G BRASS DISC IN 18" DIA CONC - STAMPED "U.S.C&G. AND STATE SURVEY No. N 33" TO HERE 16.828 MILES 88,853 L.F.
	5.250 3.945 (262) 2.630 3.942	12.764 12.753				
184			5.715 4.390 (265) 3.070 *4.392	8.372 8.362		SET NAIL S.E/P SW 8TH ST (W. BOUND) E. OF "N 33"
	5.630 4.390 (247) 3.160 *4.393	12.765 12.755				
185			5.530 4.280 (249) 3.040 *4.283	8.482 8.472		" " " " " " " (" ") " " "
	5.805 4.560 (250) 3.310 *4.558	13.040 13.030				
186			5.960 4.730 (246) 3.500 *4.730	8.310 8.300		" " " " " " " (" ")

04-11-05
PETERS
WOLF

T.F.W.M.D.
BENCH ROJ CONTINUED
N.A.V.D. 1988

1177/32

STA.	(+)	H.I.	(-)	ELEV.	BM ELEV.	DESCRIPTION
	5.380 4.130 (250) 2.880 *4.130	12.440 12.430				
187			5.310 4.060 (250) 2.810 *4.060	8.380 8.370		SET NAIL S.E/P S.W. 8TH CT (W. BOUND)
	5.190 3.940 (249) 2.700 *3.949	12.323 12.313				
188			5.285 4.040 (244) 2.800 *4.042	8.281 8.272		" " " " " " " (" ")
	5.170 3.930 (248) 2.690 *3.930	12.211 12.202				
189			5.080 3.840 (246) 2.600 *3.840	8.371 8.362		" " " " " " " (" ")
	5.425 4.200 (246) 2.970 *4.198	12.569 12.560				
190			5.400 4.165 (247) 2.930 *4.165	8.404 8.395		" " " " " " " (" ")
	5.280 4.040 (248) 2.800 *4.040	12.444 12.435				
191			5.510 4.250 (252) 2.990 *4.250	8.194 8.185		" " " " " " " (" ") @ S.W. 157TH AVE (E. OF ℄ (±))
	5.885 (252) 4.635 (252) 3.380 *4.633	12.827 12.818				
192			5.570 4.330 (247) 3.100 *4.333	8.494 8.485		" " " " " " 500'± E. OF ℄ S.W. 157TH AVE.

04-11-05
PETERS
WOLF

SFWMD.
BENCHRUN CONTINUED
NAVD 88 DATUM

STA	(+)	H.I.	(-)	ELEV.	NAVD 88 BM ELEV.	DESCRIPTION
	5.270 4.030 (247) 2.800 *4.033	12.527				
193			5.420 4.190 (245) 2.965 *4.192	8.335		SET NAIL S E/P S.W. 8TH ST (W. BOUND)
	5.470 4.250 (244) 3.030 *4.250	12.585				
194			5.290 4.070 (244) 2.860 *4.070	8.515		" " " " " " " (" ") W. OF S.W. 153RD PL. 100'±
	5.880 4.645 (247) 3.410 *4.645	13.160				
195			6.370 5.150 (243) 3.940 *5.153	8.007		" " " " " " " (" ") 390'± E OF S.W. 153RD PL.
	5.130 3.900 (246) 2.670 *3.900	11.907				
196			4.630 3.405 (245) 2.180 *3.405	8.502		" " " " " " (" ") 135' 100'± W. OF ℄ S.W. 152nd AVE
	5.890 4.580 (261) 3.280 *4.583	13.085				
197			6.220 4.950 (255) 3.670 *4.947	8.138		" " " " " " (" ") 350'± E. OF S.W. 152nd AVE
	5.370 4.140 (245) 2.920 *4.143	12.281				
198			4.610 3.400 (242) 2.190 *3.400	8.881 8.881		" " " " " (" ") 300'± E. of S.W. 150TH AVE

04-11-05
PETER
WOLF

S. FLWMD
BENCH RUN (CONTINUED)
NAVD 1988 DATUM

STA	(+)	H.I.	(-)	ELEV.	NAVD88 B.M. ELEV.	DESCRIPTION
	5.110 3.940 (234) 2.770 *3.940	12.821				
199			6.285 5.110 (235) 3.940 5.112	7 6.709		SET NAIL S.E/P W.B S.W. 8TH ST. JUST W. OF ℄ S.W. 147TH AVE
	7.155 6.050 (222) 4.940 *6.048	13 12.757				
200			5.630 (219) 4.535 3.440 *4.535	9 8.222		" " " " " " " " JUST E. OF S.W. 148TH CT. 100' ±
	5.875 4.765 (222) 3.655 *4.766	13 12.987				
201			7.345 (217) 6.260 5.180 *6.262	7 6.725	VOID	SET NAIL IN ASPHALT FOR GUARDRAIL N. SIDE S.W. 8TH ST.
	6.335 5.230 (221) 4.130 *5.232	12.957				
202			5.150 4.050 (220) 2.945 *4.048	8.929		" " " " VOID " " " " " " W. OF 142ND AVE
	5.180 4.080 (220) 2.980 *4.080	12 11.989				
203			6.545 5.430 4.315 (223) *5.430	7 6.559		" " " " " " " " " "
	6.105 5.005 220 3.905 *5.005	11.564 12.				
204			5.059 3.950 (219) 2.860 *3.953	8.611		" " " " " " " " " "

4-11-05
PETERS
WOLF

J.F.W.M.D.
BENCHRUN CONTINUED
N.A.V.D. 1988 DATUM

H I 1125 [illegible]
366 - T[illegible]

1177/35

STA	(+)	H.I.	(—)	ELEV.	NAUDEE BM. ELEV.	DESCRIPTION
	5.660 4.545 3.455 (222) *4.547	12.153 13				
205	6.065 5.705 5.345 (72') *5.705	13. 12.593	6.390 5.270 (224) 4.150 *5.270	7 6.838	VOID	VOID
206	6.410 5.140 (251) 3.870 *5.140	12.733	6.360 (72') 6.000 (72') 5.640 6.000	7 6.593	7.512 PREV.	ALSO T.P. 161
207 CHECK ↓	6.220 5.055 (232) 3.895 5.057	13.275	5.820 4.515 (260) 3.210 *4.515	8.218	8.136 PREV.	ALSO T.P. 160
208	6.025 4.860 (231) 3.690 *4.858	13.050	6.340 5.080 (251) 3.830 5.083	8.192	8.106 PREV.	" " 159
209	7.020 5.790 (246) 4.560 *5.790	13.230	6.760 5.610 (290) 4.460 *5.610	7.420	7.351 PREV.	" " 158
210			5.845 4.590 (251) 3.340 *4.592	8.638	8.544 PREV.	" " 157

4-13-05
PETERS
WOLF

S.F.W.M.D
BENCHRUN CONTINUED
N.A.V.D. 1988 DATUM

STA.	(+)	H.T.	(−)	ELEV.	NAVD 88 BM. ELEV	DESCRIPTION
	5.270 4.030 247 2.800 x 4.033	12.527 12.518				
193			5.420 4.190 2.965 (245) * 4.192	8.335 8.327		SET NAIL S. E/P SW 87TH ST. (W. BOUND)
	5.470 4.250 3.030 (244) x 4.250	12.585 12.577				
194			5.290 (244) 4.070 2.850 * 4.070	8.516 8.507		" " " " " " " " 100' W. OF SW. 153RD PL.
	5.880 4.645 (247) 3.410 x 4.646	13.160 13.152				
195			6.370 5.150 (243) 3.940 * 5.153	8.007 7.998		" " " " " " " " 390'± W. OF SW. 153RD PL.
	5.070 4.425 (130) 3.770 x 4.422	12.429 12.420				
196			4.510 3.835 (134) 3.165 x 3.837	8.592 8.583	8.569 PREV.	ALSO T.P. 171
	4.480 3.190 (298) 1.900 x 3.190	11.781 11.773				
197			5.500 4.280 (243) 3.070 * 4.283	7.498 7.490	7.469 PREV.	" T.P. 170
	6.445 5.120 (266) 3.790 x 5.118	12.616 12.608				
198			5.475 4.190 (258) 2.900 x 4.188	8.428 8.420	8.392 PREV.	" " 169

4/13/05
PETERS
WOLF

S.F.W.M.D.
ROENCH RUN CONTINUED
NAVD 1988 DATUM

1177/37

STA	(+)	H.I.	(-)	ELEV.	NAVD88 B.M. ELEV	DESCRIPTION
	5.410 2.180 (232) 5.945 *2.179	12.606 12.598				
199	7.225 5.970 (250) 4.710 *5.968	13.701 13.693	5.920 4.870 (283) 3.680 *4.523	7.733 7.725	7.695 PREV.	RM30 T.P 168
200	5.740 4.500 (286) 3.380 *4.560	12.524 12.517	5.990 5.740 (251) 4.480 *5.737	7.964 7.957	7.922 PREV.	" " 167
201	7.190 5.900 (258) 4.610 *5.900	13.572 13.565	5.990 4.850 (225) 3.725 *4.852	7.672 7.665	7.628 PREV.	" " 166
202	6.210 5.000 (242) 3.790 *5.000	12.865 12.858	6.870 5.710 (233) 4.540 *5.707	7.865 7.858	7.805 PREV.	" " 165
203	5.750 4.490 (254) 3.210 *4.490	13.223 13.217	6.345 4.120 245 2.900 *4.122	8.743 8.737	8.676 PREV.	" " 164
204			6.500 5.570 (247) 4.330 5.567	7.656 7.650	7.594 PREV.	" " 163

04-13-05
PETERS
WOLF

S.F.W.M.D.
BENCH RUN CONTINUED
NAVD 1988

Sta	(+)	H.I.	(-)	ELEV.	NAVD88 BM. ELEV	DESCRIPTION
	6.540 5.265 (254) 3.995 *5.267	12.923 12.917				
205			5.440 4.225 (242) 3.020 *4.223	8.695 8.688	8.627 PREV.	ALSO T.P 162
	5.765 4.570 (239) 3.380 *4.572	13.267 13.260				
206			6.910 5.680 (246) 4.150 *5.680	7.587 7.580	7.512 PREV.	" " 161
	6.440 5.170 (251) 3.895 *5.168	12.755 12.748				
207			5.845 4.545 (241) 3.240 *4.545	8.212 8.205	8.136 PREV.	" " 160
	6.185 4.915 (208) 3.730 *4.917	13.129 13.122				
208			6.165 4.940 (245) 3.715 *4.940	8.189 8.182	8.106 PREV.	" " 159
	6.070 1.890 (285) 3.720 *1.893	13.082 13.075				
209			6.790 (229) 5.650 4.500 *4.647	7.435 7.428	7.341	" " 158
	6.995 5.705 (238) 4.120 *5.707	13.142 13.135				
210			5.700 (209) 4.505 3.310 *4.505	8.637 8.630	8.546 PREV.	" " 157

04-13-05
PETERS
WOLF

J.F.WIND.
BENCH RUN CONTINUED
NAVD 1988 DATUM

STA	(+)	H.I.	(−)	ELEV.	NAVD88 BM ELEV	DESCRIPTION
	5.430 4.165 (253) 2.900 *4.165	12.802 12.795				
			6.265 5.030 (247) 3.800 *5.032	7.770 7.763	7.676 PREV	
211	6.670 5.345 4.010 (256) *5.342	13.112 13.105				ALSO T.P. 156
			6.600 5.260 (268) 3.920 *5.260	7.852 7.845	7.757 PREV.	
212	6.410 5.115 (253) 3.880 *5.115	12.997 12.990				" " 155
			6.350 5.130 (245) 3.900 *5.127	7.870 7.863	7.776 PREV	
213	5.920 1.585 (257) 3.250 *1.585	12.455 12.448				" " 154 8689 1.6
			6.260 4.910 (271) 3.550 *4.907	7.548 7.542	7.448	
214	6.456 5.410 4.170 (249) *5.412	12.960 12.953				" " 153 270
			6.300 5.030 (253) 3.765 *5.032	7.928 7.922	7.828	
215	6.745 5.440 4.135 (261) *5.440	13.368 13.362				" " 152 500
			6.840 5.570 (254) 1.700 *5.576	7.798 7.792		
216						" " 151 255 2040

04-13-05
PETERS
WOLF

S.F.W.M.D.
BENCHRUN CONTINUED
NAVD 1988 DATUM

STA	(+)	H.I.	(-)	ELEV.	NAVD88 B.M. ELEV	DESCRIPTION
	5.320 5.240 (255) 3.965 *5.242	13.640 13.033				
217			6.060 4.700 (272) 3.340 *4.700	8.340 8.333	8.294 PREV.	T.P. 150
	5.340 4.070 (54) 2.800 *4.070	12.410 12.403				
218			4.310 3.240 (254) 1.770 *3.040	9.070 9.363	9.213 PREV	" 149
	6.700 5.795 (192) 4.775 *5.737	15.107 15.100				
219			4.820 4.005 (171) 3.150 *4.005	11.102 11.095	10.932 PREV	" 148
	5.335 4.075 2.815 (252) *4.075	15.177 15.170				
220			8.410 7.265 (240) 6.010 7.208	7.969 7.962	7.854 PREV	" 147
	5.320 4.420 3.520 (180) *4.420	12.389 12.382				
221			5.385 4.480 3.570 *4.478	7.911 7.903	7.841 PREV	" 146
	6.265 5.000 3.735 (253) *5.000	12.911 12.903				
222			7.010 5.750 (252) 4.490 *5.750	7.161 7.153	7.043 PREV.	" 145

04-19-05
PETERS
WOLF

J.F.W. AND D.
BENCHMARK CONTINUED
NAVD 1988 DATUM

1177/41

STA	(+)	H.I.	(-)	ELEV	NAVD88 ELEV.	DESCRIPTION
	6.910 5.650 4.990 (252) *5.650	12.811 12.803				
223			5.645 4.410 (247) 3.180 *4.412	8.399 8.392	8.276	TP 144
	4.945 3.740 2.570 (238) *3.758	12.157 12.150				
224			6.950 5.140 (248) 3.920 *5.137	7.020 7.013	6.892	T.P 123
	6.640 5.475 4.815 (232) *5.477	12.497 12.490				
225			6.475 5.235 (248) 4.000 *5.237	7.260 7.253	7.124	T.P 142
	2.910 3.875 2.240 (267) *3.875	11.135 11.128				
226			1.675 3.620 (211) 2.570 *3.622	7.513 7.507	7.371	TP 141
	6.210 4.910 (260) 3.610 *4.910	12.423 12.417				
227			5.700 4.515 (246) 3.335 *4.517	7.906 7.900	7.764	TP 140
	6.110 4.945 (233) 3.780 *4.945	12.851 12.845				
228			6.145 5.010 (228) 3.870 *5.108	7.823 7.837	7.694	T.P. 139

04-13-05

PETERS
WOLF

S.F.W.M.D.
BENCHRUN CONTINUED
N.A.V.D. 1988

STA	(+)	H.I.	(−)	ELEV.	NAVD88 BM ELEV		DESCRIPTION
	6.020 4.800 (243) 3.590 4.803	12.646 12.640					
229	6.170 4.880 ~~(247)~~ 3.600 (257) * 4.883	~~12.640~~ 624 12.618	6.130 4.905 3.680 * 4.905	7.741 7.735	7.559 PREV	T.P. 138.	
04-14-05							
230	7.200 5.935 (265) 4.670 5.935	12.622 12.617	7.250 5.940 (263) 4.620 * 5.937	6.687 6.682	6.534 PREVIOUS	T.P. 137	16,244 - 3.2 MILES TODAY
231	6.540 5.285 (251) 4.030 * 5.285	12.590 12.585	6.535 (244) 5.316 251 4.100 * 5.317	7.305 7.300	7.149 PREV.	T.P. 136	250
232	6.930 5.660 (255) 4.380 * 5.657	13.015 13.010	6.475 (249) 5.230 3.990 * 5.232	7.358 7.353	7.204 PREV.	T.P. 135	250
233	5.790 4.510 (256) 3.236 * 4.510	11.655 11.650	7.010 5.270 (231) 4.700 * 5.570	7.145 7.140	6.989 PREV.	T.P. 134	250
234			3.580 2.350 (246) 1.120 * 2.350	9.315 9.300	9.140	T.P. 133	250

04-14-05

PETERS
WOLF

JFWMD
POEXOHRUN CONTINUED
NAVD.1988

STA	(+)	H.I.	(-)	ELEV.	NAVD88 BM. ELEV	DESCRIPTION
	8.180 7.230 (249) 5.990 7.233	16.548 16.533				
235			9.330 8.610 7.340 *8.610	7.938 7.923	7.724 PREV	T.P 132
	6.140 5.285 (171) 4.130 *5.285	13.223 13.208				
236 WELL			6.060 5.220 (168) 4.380 *5.220	8.003 7.988	7.886 PREV	T.P 131
	7.960 7.200 (151) 6.450 *7.203	15.206 15.192				
237			6.630 5.830 (150) 5.030 5.830	9.376 9.362	9.204 PREV	T.P 130
	4.690 3.940 (50) 3.190 *3.940	13.316 13.302				
238			6.130 (151) 5.380 4.620 *5.377	7.939 7.925	7.769 PREV	T.P 129
	6.720 5.425 (259) 4.130 *5.425	13.364 13.350				
239			6.170 (230) 5.020 3.870 *5.020	8.344 8.330	8.171 PREV	T.P 128
	6.110 5.045 3.925 (212) *5.047	13.391 13.377				
240			7.210 6.570 5.880 6.570	6.821 6.807	6.647 PREV	T.P 127

04-14-05
PERRY WOLF

SFWMD
BENCHRUN CONTINUED
NAVD 1988 DATUM

1177/44

STA	(+)	H.I.	(−)	ELEV	NAVD88 BM ELEV	DESCRIPTION
	6.220 *4.975 (214) 3.730 4.975	11.796 11.782				
			6.440 5.180 (251)			
241	6.660 5.430 (216) 1.200 *5.430	12.049 12.028	3.930 *5.183	6.613 6.578	6.465 PREV	T.P. 126
			6.970 5.620 (254) 4.380			
242	6.670 4.695 (235) 5.520 *4.695	11.061 11.047	*5.677	6.366 6.352	6.195 PREV	T.P 125
			4.940 3.715			
243	6.150 4.860 (257) 3.580 *4.863	12.207 12.193	2.495 *3.717	7.344 7.330	7.167 PREV	T.P 124
			4.345 3.130 (243)			
244	5.410 4.145 (253) 2.880 *4.145	13.220 13.207	1.920 *3.132	9.075 9.062	8.894 PREV	T.P 123
			4.970 3.750 2.530 (244)			
245	5.610 4.236 2.850 (276) *4.230	13.700 13.687	*3.750	9.470 9.457	9.286 PREV	T.P 122
			5 4.475 4.110			
246			2.740 *4.108	9.592 9.578	9.403 PREV	T.P 121

04-14-05
PETERS
WOLF

S.F.W.M.D.
BENCH RUN CONTINUED
N.A.V.D. 1988 DATUM

1177/45

STA	(+)	H.I.	(-)	ELEV.	NAVD88 S.M. ELEV.	DESCRIPTION
	1.980 3.685 (259) 2.390 *3.666	13.277 13.263				
247			5.650 4.425 (237) 3.280 *4.426	8.812 8.798	8.616	T.P. 120
	6.445 5.210 (247) 3.980 *5.212	14.024 14.010				
249			5.750 4.630 (244) 3.310 *4.530	9.494 9.480	9.294	TP 119
	4.940 3.470 (253) 2.410 *3.673	13.167 13.153				
244			5.915 4.695 (250) 3.150 *4.697	8.470 8.457	8.271	TP 118
	5.460 4.245 (242) 3.040 *4.248	12.718 12.705				
250			7.190 5.950 (248) 4.710 *5.950	6.768 6.755	6.570	TP 117
	6.545 5.100 (289) 3.660 *5.102	11.870 11.857				
251			5.650 4.210 (289) 2.760 *4.207	7.660 7.650	7.454	TP 116
	5.205 (217) 3.970 (241) 2.740 *3.972	~~15.376~~ 11.635 11.622				
252			6.015 4.770 3.530 *4.772	6.863 6.850	6.654	T.P. 115

04-14-05
PETERS
WOLF

T.F.W.M.D
BENCH RUN CONTINUED
LEVD 1998

1177/46

T.P.	(+)	H.I.	(-)	ELEV.	B.M. ELEV	DESCRIPTION
	5.740 4.420 (264) 3.095 ×4.418	~~11.481~~ 11.281 11.268				
			4.995 3.650 (236) 2.470 ×3.618	7.633 ~~7.459~~ 7.620	7.422 PREV	TP 114
259	5.790 4.500 (258) 3.210 ×4.500	12.153 12.120				
			4.220 5.025 (234) 3.830 5.025	7.108 7.095	6.895 PREV	TP 113 TP 115
260	5.910 4.670 (248) 3.490 ×4.670	11.778 11.765				
			6.060 4.755 3.450 ×4.755	7.068 7.010	6.819 PREV	TP 112
255	6.610 5.330 4.055 (256) ×5.332	~~5.332~~ 12.955 12.342				
			5.850 4.650 (239) 3.440 ×4.663	7.702 7.688	7.490 PREV	TP 111
254	5.790 4.540 (251) 3.280 ×4.537	12.297 12.225				
			6.290 4.990 (259) 3.700 ×4.993	7.246 7.232	7.030 PREV	TP 110
257	5.650 4.400 (256) 3.150 ×4.400	11.646 11.632				
			5.670 4.425 (252) 3.185 ×4.421	7.219 7.205	7.002 PREV	TP 109
258						

04-14-05
PETERS
WOLF

J.F.W.M.D.
BENCHRUN CONTINUED
NAVD 1988

STA	(+)	H.I.	(-)	ELEV	NAVD88 (2011) ELEV.	DESCRIPTION
	6.765 5.530 (248) 1.290 * 5.508	12.747 12.733				
			6.260 1.740 (240) 3.455 * 1.758	7.989 7.975	7.770	TP 108
259	5.560 1.770 (271) 3.785 * 1.772	12.161 12.147				
			5.965 1.560 (281) 3.720 * 1.562	7.599 7.585	7.380	TP 107
260	5.005 3.760 2.505 (250) 3.757	11.356 11.342				
			1.685 3.410 (265) 2.130 3.407	7.949 7.935	7.728	TP 106
261 8-18-05	5.585 1.215 (268) 3.900 * 1.213	12.192 12.148 12.178				
			4.145 5.050 (264) 3.640 * 5.052	7.140 7.127	6.983	TP 105
262	6.140 4.960 (256) 3.580 * 4.960	12.000 11.987				
			5.970 4.765 (241) 3.560 * 4.765	7.235 7.222	7.013	TP 104
263	6.230 5.000 (246) 3.770 * 5.000	12.235 12.222				
			6.220 4.920 (257) 3.250 * 4.937	7.298 7.285	7.073	TP 103
264						

1177/47

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04-14-05

SFWMD
BENCHRUN CONTINUED
NAVD 1988 DATUM

STA.	(+)	H.I.	(-)	ELEV.	NAVD 88 BM ELEV.	DESCRIPTION
	5.890 1.590 (248) 3.350 1.590	11.888 11.875				
			6.120 1.250 (254)			
265			3.580 *1.550	7.038 7.025	6.813 PREV.	T.P 102
	6.070 1.780 (259) 3.480 *1.777	11.915 11.802				
			5.670 (247) 1.135			
266			3.200 *1.135	7.980 7.367	7.153 PREV	TP 101
	5.925 1.615 (242) 3.310 *1.617	11.997 11.983				
			6.080 1.840 (248)			
267			3.600 *1.840	7.157 7.143	6.928	T.P 100
	6.925 1.915 (277) 3.560 *1.913	12.100 12.087				
			6.460 (280) 6.064			
268			3.660 *5.060	7.040 7.027	6.805	T.P. 99
	6.410 5.140 (254) 3.870 *5.140	12.180 12.167				
			6.015 1.780 (248)			
269			3.535 *1.777	7.403 7.390	7.176	T.P 98
	5.935 1.650 (258) 3.355 *1.647	12.050 12.037				
			5.965 1.610 (271)			
270			3.260 *1.612	+7.438 7.425		T.P 97 NOT FND

04-18-05
PETERS
WOLF

SFWMD
BENCHRUN CONTINUED
N.A.V.D. 1988

STA	(+)	H.I	(-)	ELEV.	NAVD88 (B.M.) ELEV	DESCRIPTION
	5.900 4.700 (240) 3.500 x 4.700	12.138 12.125				
271			5.930 4.745 (237) 3.560 x 4.745	7.393 7.380	[illegible]	T.P 96
	5.635 4.325 (248) 3.020 x 4.327	11.720 11.707				
272			5.420 4.160 (253) 2.890 x 4.157	7.563 7.550	7.528	T.P 95
	6.610 5.310 (260) 4.010 x 5.310	12.873 12.860				
273			6.035 4.750 (258) 3.460 x 4.748	8.125 8.112	7.888	T.P 94
	6.160 4.865 (259) 3.570 x 4.865	12.990 12.977				
274			6.125 4.920 (241) 3.720 x 4.922	8.068 8.055	7.833	T.P 93
	5.760 4.470 (258) 3.180 x 4.470	12.538 12.525				
275			7.030 (25?) 5.760 4.490 x 5.760	6.778 6.765	6.536	T.P 92
	6.895 5.635 (253) 4.370 x 5.633	12.411 12.398				
276			6.195 4.990 (241) 3.785 x 4.990	7.421 7.408	7.178	T.P 91

4-1805
PETERS
WOLF

SFWMD
BENCHMON CONTINUED
NAVD 88

STA	(+)	H.I.	(-)	ELEV.	NAVD88 B.M. ELEV	DESCRIPTION
	5.840 (249) 2.595 3.350 *4.595	12.016 12.003				
277			6.250 5.020 (247) 3.780 *5.017	6.999 6.987	6.747	T.P 90
	5.100 4.975 4.845 *4.973	11.972 11.960				
278			4.760 4.695 4.550 4.655	7.317 7.305	7.067	T.P 89
	9.585 8.375 7.170 (242) *8.977	15.694 15.682				
279			7.770 6.560 (243) 5.340 *6.557	9.137 9.125	8.884	TP88 #701
	3.800 2.690 (221) 1.590 *2.693	11.830 11.818				
280			5.590 4.455 (231) 3.280 *4.455	7.395 7.383	7.137	TP87
	6.205 4.970 (251) 3.720 *4.972	12.367 12.355				
281			6.910 (248) 5.670 4.490 *5.670	6.697 6.685	6.437	TP86
	6.825 5.570 (251) 4.320 *5.572	12.269 12.257				
282			6.300 5.000 (266) 3.695 *4.998	7.271 7.258	7.010	TP85

S.F.W.M.D
BENCH RUN CONTINUED

04-18-05
PETERS
WOLF

STA	(+)	HI.	(-)	ELEV	NAV088 BMELEV	DESCRIPTION
	5.370 4.135 (247) 2.895 4.133	11.404 11.392				
			6.560 5.290 (253) 3.230 *5.293			
283	6.240 5.610 (247) 3.770 *5.087	11.118 11.105		6.111 6.098	5.847	TP84
			6.350 5.090 (252) 3.230			
284	6.295 5.040 (251) 3.785 *5.040	11.078 11.055	*5.090	6.028 6.015	5.766	TP83
			5.190 3.060 (241) 2.725			
285	6.710 5.475 (247) 4.240 *5.475	12.585 12.572	*3.958	7.110 7.097	6.846	TP82
			6.380 5.100 (286) 3.820			
286	5.220 4.120 (22) 3.020 *4.120	11.603 11.592	*5.100	7.485 7.472	7.215	TP81
			4.270 3.815 (211) 2.740			
287	4.620 3.340 (257) 2.050 *3.337	11.127 11.113	*3.815	7.790 7.777	7.52	TP80
			4.620 (246) 3.390 2.155			
288			*3.388	7.739 7.725	7.473	TP79

04-18-05
PEEDS
WOLF

SFWMD -
BENCH RUN CONTINUED
NAVD 88

1177/52

STA.	(+)	H.I	(-)	ELEV.	BM ELEV.	DESCRIPTION
	5.670 4.470 3.270 (240) *4.470	12.209 12.195				
289			G 145 1.950 (234) 3.760 ×1.952	7.257 ~~7.252~~ 7.243	6.996	TP 78
	6.015 4.740 3.460 (255) *4.788	11.995 11.982				
290			5.240 3.990 (251) 2.730 *5.987	8.008 7.995	7.741	T.P 77
	6.790 5.540 (250) 4.290 ×5.540	13.548 13.535				
291			6.290 5.006 (256) 3.730 5.008	8.540 8.527	8.268	TP 76
	5.890 4.610 (256) 3.330 ×4.610	13.150 13.137				
292			5.650 4.885 (253) 3.120 *4.385	8.765 8.752	8.490	T.P. 75
	7.200 5.940 (253) 4.670 *5.937	14.702 14.688				
293			6.800 5.500 (260) 4.200 *5.500	9.202 9.188	8.92	T.P. 74
	5.940 4.505 (247) 3.170 *4.505	13.707 13.693				
294			6.170 (248) 4.830 3.490 ×4.830	8.877 8.863	8.593	T.P 73

04-15-05
PETERS
WOLF

T.F.W.M.D.
BENCHMARK CONTINUED
N.A.V.D. 1988

STA	(+)	H.I.	(-)	ELEV.	B.M. ELEV.	DESCRIPTION
	6.135 4.250 (251) 3.565 *4.250	13.727 13.713				
			5.665 4.405 (252) 3.145 *4.105	9.322 9.308	9.095	T.P 72
295						
	5.440 4.160 (254) 2.880 *4.160	13.482 13.468				
			6.320 5.090 (245) 3.865 *5.092	8.390 8.377	8.100	T.P. 71 8152 1.6
296						
	5.940 4.250 (001) 3.790 *4.833	13.223 13.210				
			6.950 5.720 (246) 4.190 *5.720	7.503 7.490	7.216	T.P. 70
297						
	6.450 5.270 (299) 4.160 *5.273	12.726 12.763				
			5.795 4.655 (228) 3.520 *4.657	8.119 8.107	7.816	T.P 69 TOTAL 18,065 - 3.42 MILES
298						
04-19-05	5.290 4.120 (298) 2.990 *4.140	12.259 12.247				
			5.905 4.750 (232) 3.590 *4.748	7.511 7.498	7.206	T.P 68
299						
	6.420 5.300 (224) 4.180 *5.300	12.811 12.798				
			6.235 5.135 (245) 3.940 5.131	7.674 7.662	7.373	T.P. 67
300						

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04-18-05
PETERS
WOLF

S.F.W.S.M.D
BENCH RUN CONTINUED
NAVD 1988

1177/54

STA	(A)	H.I.	(-)	ELEV.	NAVD88 BM. ELEV	DESCRIPTION
	6.020 1.870 (230) 3.720 *4.870	12.544 12.532				
			5.760 4.595 (233) 3.430	7.949	7.685	TP66
301	5.400 4.270 (206) 3.140 *4.270	12.219 12.207	*4.595	7.937		
			5.910 4.740 3.570	7.479	7.178	TP65
302	6.400 5.070 (206) 4.110 *5.270	12.749 12.737	*4.740	7.467		
			6.323 5.160 (233) 4.000			
303			*5.162	7.587 7.575	7.331	TP64 (TP44 IS GONE)
	5.860 4.770 (218) 3.675 *4.768	12.355 12.343				
			6.290 5.150 (228) 4.010	7.205	6.912	TP63
304	6.490 5.365 (224) 4.245 *5.367	12.572 12.560	*5.150	7.193		
			6.130 5.005 (226) 3.850			
305	5.750 4.655 (220) 3.650 *4.652	12.219 12.207	*5.005	7.547 7.555	7.274	TP62
			6.245 5.150 (233) 4.320	6.737	6.449	TP61
306			*5.182	6.725		

04-19-05
PETERS
WOLF

SFWMD.
BENCHMARK CONTINUED
NAVD 1988

1177/55

STA	(+)	H.I.	(-)	ELEV.	NAVD88 B.M ELEV	DESCRIPTION
	6.395 5.300 (214) 4.210 5.302	12.039 12.027				
307			5.600 4.540 3.490 *4.543	7.496 7.483	7201 7.645	T.P 64 60
	6.810 5.515 (259) 4.220 *5.515	13.011 12.998				
308			7.740 6.535 (240) 5.340 *6.538	6.473 6.460	6.177 7.178	T.P 66 59
	5.615 4.350 3.095 (252) *4.953	10.826 10.813				
309			7.150 5.815 (256) 4.586 *5.847	4.959 4.947	4.666 7.334	T.P 64 58
	6.950 5.670 (256) 4.396 *5.672	10.621 10.618				
310			5.980 4.575 (281) 3.170 4.575	6.056 6.043	5765 6.912	TP 68 57
	6.965 6.050 (184) 5.130 *6.048	12.104 12.092				
311 5.121			6.975 6.095 (171) 5.210 *6.093	6.011 5.998	5.715 7.271	T.P 62 54
	6.070 5.080 (196) 4.100 *5.080	11.091 11.078				
312			6.275 5.255 (204) 4.242 *5.257	5.894 5.822	5.635 6.449	T.P. 61 55
						6396 1.2 MILES

04-19-05
PETERS
WOLF

S.F.W.M.D.
BENCHTUN CONTINUED
N.A.V.D. 1988

1177/56

STA	(+)	H.I	(-)	ELEV.	NAVD 88 BM. ELEV.	DESCRIPTION
	6.360 5.110 (249) 3.825 *5.112	10.946 10.933				
			5.620 4.345 (254) 3.075 *4.347	6.599 6.587	6.900	TP 54
313	6.550 5.295 (251) 4.040 *5.296	11.894 11.882				
			7.220 5.940 (266) 4.005 *5.938	? 5.956 5.943	6.55 5.600	T.P. 53
314	7.025 5.725 (46) 4.485 *5.725	11.681 11.668				
			5.530 4.165 (273) 2.920 *4.165	7.516 7.503	7.212	TP 52
315	7.930 6.000 (266) 4.670 *6.000	13.516 13.503				
			7.370 6.030 (218) 4.685 *6.028	7.488 7.475	7.185	TP 51
316	9.970 8.665 (260) 7.365 *8.667	16.155 16.142				
			5.920 4.675 (249) 3.430 *4.675	11.480 11.467	11.780	TP 50
317	3.810 1.930 (256) 0.650 *1.930	13.410 13.397				
			7.130 5.860 (255) 4.580 *5.857	7.553 7.540	7.238	TP 49
318						

04-19-05
PETERS
WOLF

T.A.W.M.D.
BENCHRUN CONTINUED
N.A.V.D. 1988

1177/57

STA	(+)	H.I.	(-)	ELEV	INVERT ELEV	DESCRIPTION
	5.850 4.570 (257) 3.280 * 4.567	12.120 12.107				
			6.490 5.050 (214) 3.740			
319	6.680 5.420 (252) 4.155 * 5.418	12.455 12.442	* 5.029	7.097 7.023	6.713	T.P 48
			6.195 4.885 (262) 3.570			
320	5.640 4.145 (240) 3.240 * 4.142	12.014 12.000	* 4.883	7.572 7.558	7.236	T.P. 47
			6.920 5.705 (242) 4.495			
321	6.300 5.040 (252) 3.780 * 5.040	11.347 11.333	* 5.707	6.307 6.293	5.978	T.P. 46
			6.360 5.145 (245) 3.930			
322	5.680 4.470 (241) 3.270 * 4.473	10.675 10.662	* 5.145	6.202 6188	5.959	TP. 45
			6.150 4.950 (259) 3.560			
323	6.160 4.905 (251) 3.650 * 4.905	10.727 10.713	* 4.863	5.822 5.808	5 476	T.P. 44
			6.335 5.050 (257) 3.765			
324			5.650	5.677 5.663	5.921	TP 43

04-19-05
PETERS
WOLF

S.F.W.M.D
BENCH RUN CONTINUED
NAVD 1988

11/7/58

STA	(+)	H.I.	(−)	ELEV.	NAVD88 BM ELEV	DESCRIPTION
	6.150 4.885 (253) 3.620 *4.885	10.552 10.548				
325			5.730 4.445 (251) 3.160 *4.446	6.107 6.103	5.765	TP 42
	6.008 1.750 (249) 3.510 *1.753	10.860 10.857				
326			6.035 1.770 (254) 3.500 *1.768	6.092 6.088	5.750	TP 41
	5.845 1.600 (249) 3.360 *1.602	10.694 10.690				
327			6.015 1.710 (261) 3.405 *1.710	5.984 5.980	5.636	TP 40
	6.150 1.870 (257) 3.580 *1.847	10.851 10.847				
328			6.360 5.145 (243) 3.990 *5.145	5.706 5.702	5.361	TP 39
	6.605 5.285 (264) 3.970 (264) 5.287	10.993 10.988				
329			5.930 4.625 (262) 3.310 *4.622	6.371 6.367	6.024	TP 38
1-20-05	5.790 4.890 (181) 3.950 *4.887	11.258 11.253				2.76 MILES 04-19-05 5171 - 1.55 MILES
330			5.560 4.470 (178) 3.775 *4.469	6.590 6.585	6.244	TP 37

04-19-05
PETERS
WOLF

S.F.W.M.D.
BENCHRUN CONTINUED
N.A.V.D. 1988

STA	(+)	H.I.	(−)	ELEV.	NAVD88 BM. ELEV	DESCRIPTION
	6.390 5.090 (260) 3.785 x5.088	11.678 11.673				
331	6.350 5.065 (256) 3.785 x5.067	11.805 11.800	6.170 4.940 (246) 3.710 x4.940	6.738 6.733	6.387	TP 36
332	6.790 5.535 (251) 4.280 x5.535	11.668 11.663	6.925 5.670 (251) 4.420 x5.672	6.133 6.128	5.781	TP 35
333	5.820 4.530 (257) 3.250 x4.533	11.436 11.432	6.040 4.765 (256) 3.490 x4.765	6.903 6.898	6.545	TP 34
334	6.930 5.750 (261) 4.510 x5.747	11.723 11.718	6.720 5.460 (252) 4.200 x5.460	5.974 5.972	5.618	TP 33
335	6.405 5.015 (278) 3.630 x5.017	11.452 11.447	6.505 5.290 (244) 4.070 x5.288	6.435 6.430	6.077	TP 32
336			6.025 4.525 (300) 3.030 x4.527	6.925 6.920	6.563	TP 31

PETERS
WOLF

J.F.W.M.D.
BENCHRUN CONTINUED
NAVD 1988

STA	(+)	H.I.	(-)	ELEV.	BM. ELEV	DESCRIPTION
	6.220 4.960 (251) 3.705 * 4.962	11.887 11.882				
337			6.930 5.600 (266) 4.265 * 5.598	6.289 6.283	5.926	TP 30
	5.980 4.730 (249) 3.490 * 4.733	11.022 11.017				
338			5.865 4.565 (260) 3.265 * 4.566 565	6.457 6.452	6.098	TP 29
	8.065 6.820 (249) 5.580 * 6.822	13.279 13.273				
339			5.675 4.430 (249) 3.190 * 4.432	8.847 8.842	8.483	TP 28
	6.100 4.775 (265) 3.450 * 4.775	13.622 13.617				
340			5.170 4.010 (232) 2.850 * 4.010	9.612 9.607	9.245	TP 27
	5.050 3.765 (257) 2.480 * 3.765	13.377 13.372				
341			6.120 4.850 (254) 3.580 * 4.850	8.527 8.522	8.157	T.P. 26
	6.690 5.425 (252) 4.170 * 5.428	13.955 13.950				
342			6.610 5.250 (271) 3.900 * 5.253	8.702 8.697	8.329	T.P. 25

PETERS
WOLF

S.F.W.M.D
BENCHRUN CONTINUED
N.A.V.D. 1988

STA	(+)	H.I.	(-)	ELEV	NAVD88 BM ELEV	DESCRIPTION
	7.920 6.595 (258) 5.240 *6.592	15.234 15.228				
343			6.425 5.170 (252) 3.910 *5.168	10.066 10.060	9.691	TP 24
	7.930 6.670 (259) 4.800 *6.667	16.193 16.127				
344			6.155 (253) 4.880 870 3.580 *4.878	11.265 11.258	10.891	TP 23
	6.190 4.920 (254) 3.650 *4.926	16.185 16.178				
345			5.685 (249) 4.440 3.200 24 4.442	11.743 11.737	11.361	TP 22
	5.680 4.260 (226) 2.820 *4.256	15.999 15.987				
346			5.880 4.490 (277) 3.105 *4.492	11.501 11.495	11.114	TP 21
	6.265 5.010 (252) 3.750 *5.008	16.509 16.503				
347			5.815 5.595 (245) 4.370 *5.593	10.916 10.910	10.529	TP 20
	6.150 4.970 (236) 3.790 *4.970	15.886 15.880				
348			8.565 (214) 7.91532 6.090 *7.322	8.564 8.557	8.181	TP 19

4-20-05
PETERS
WOLF

S.F.W.M.D.
BENCHRUN CONTINUED
NAVD. 1988

STA	(+)	H.I.	(-)	ELEV.	NAVD88 B.M. ELEV.	DESCRIPTION
	5.060 4.320 (249) 3.580 *4.320	12.884 12.877				
349	5.980 5.250 (146) 4.520 *5.250	13.062 13.055	5.860 5.070 (57) 4.285 *5.072	7.812 7.805		SET P.M. ON ~~B.O.C~~ LIP S.W. 80TH ST. & 67TH AVE (S.W. QUAD)
350	5.190 3.920 (254) 2.650 *3.920	10.765 10.758	6.980 (153) 6.220 5.450 *6.217	6.845 6.838	6.477	TP 18 10.278 1.93 MILES
351	8.060 6.905 (230) 5.760 *6.908	15.643 15.637	3.280 (250) 2.030 0.780 *2.030	8.735 8.728	8.362	TP 17
352	5.780 4.790 (198) 3.800 *4.790	10.498 10.492	11.125 (238) 9.935 8.745 *9.935	5.708 5.702	5.354	TP 16
353 WELL "C25W2"	6.220 5.330 (178) 4.440 5.330	10.815 10.808	6.010 (199) 5.015 4.015 *5.013	5.485 5.478	5.126	TP 15 WELL "C25W2" PG. 4
354			4.645 (185) 3.720 2.800 *3.722	7.093 7.087	6.731	TP 14

04-20-05
PETERS
WOLF

JFWMD
BENCHRUN CONTINUED
NAVD88

1177163

STA	(+)	H.I.	(-)	ELEV.	NAVD88 BM ELEV	
	10.045 9.025 (20) 8.005 *9.025	16.118 16.112				
			2.150 1.125 (204) 0.110 *1.127	14.991 14.985	14.827	TP13
355 B.M. FDE1471	3.430 2.000 (286) 0.570 2.000	16.991 16.985				
			7.470 2.290 (237) 5.100 *2.287	10.704 10.698	10.335	TP12
356	5.965 4.750 (214) 3.530 *4.748	15.452 15.447				
			7.050 5.820 (246) 1.585 *5.818	9.634 9.628	9.257	TP11
357	6.850 5.630 (223) 4.420 *5.633	15.267 15.262				
			5.425 4.125 (248) 0.950 *4.187	11.080 11.075	10.716	TP10
358	6.710 5.530 (236) 4.360 *5.533	16.613 16.608				
			5.470 4.305 (233) 34.135 *4.303	12.310 12.305	11.935	TP09
359	5.125 3.840 (257) 2.560 *3.842	16.152 16.147				
			5.495 4.165 (216) 2.840 *4.167	11.985 11.980	11.615	TP08
360						

04 05
PETERS
WOLF

S.F.W.M.D.
POENCHBUN CONTINUED
N.A.V.D. 1988 DATUM

11/7/24

STA	(+)	H.I.	(-)	ELEV.	NAVD88 BM. ELEV	DESCRIPTION
	5.905 1.615 (244) 3.420 4.663	16.648 16.643				
3L1			6.345 (247) 5.110 3.880 *5.112	11.536 11.532	11.165	TP 07
	6.180 1.930 (249) 3.690 4.933	16.469 16.465				
3L2	410 6.495 4.980 (286) 3.550 4.980	17.027 17.023	5.605 4.120 (287) 3.240 4.122	12.047 12.043	11.795	TP 06 GONE - SET P.M. B.O.C.
3L3			7.225 (251) 5.975 1.720 *5.973	11.054 11.050	10.687	T.P 05
	6.460 5.075 (267) 3.690 *5.075	16.129 16.125				
3L4			6.960 5.710 (288) 4.120 *5.710	10.419 10.415	10.054	TP 04
	5.960 4.680 (256) 3.400 *4.680	15.099 15.095				
3L5			5.425 4.215 (242) 3.010 *4.217	10.882 10.878	10.512	TP 03
	5.600 4.310 (253) 3.625 *4.312	15.194 15.190				
3L6			5.630 4.570 (251) 3.315 *4.572	10.622 10.618	10.249	TP 02

04-21-05
PETERS
WOLF

S.F.W.M.D.
BENCH RUN CONTINUED
N.A.V.D. 1988 DATUM

1177/65

STA	(+)	H.I.	(−)	ELEV.	NAVD 88 B.M. ELEV	DESCRIPTION
366	C.995 5.705 (258) 4.415 *5.705	16.327 16.323				
367	4.830 4.515 (63) 4.200 *4.515	17.444 17.440	4.715 3.400 (264) 2.080 *3.398	12.929 12.925	12.557	T.P. 01
368 10.177 V-269			2.900 2.630 (54) 2.360 *2.630	14.814 14.810	12.45	B.M. V-269 - SEE PG 2 1849.2 3.50 MILES

South Florida Water Management District
Benchmark Database

Report run on: September 28, 2005 9:07 AM

Designation: C2SW1
County: MIAMI-DADE
USGS Quad: SOUTH MIAMI NW
Project: C2SW1 WELL SITE

Sec: 30 Twp: 54 Rge: 40

Status: GOOD APR 2005

NAD 1927 Coordinates:
N =
E =
Adjustment:

NAD 1983 Coordinates:
X = 859747.360
Y = 500767.900
Adjustment:
Order:
Class:

Latitude:
Longitude:
Monument By: SFWMD
Year: 2002
Type: V
Stamping: C2SW1
Party Chief: GIAMMARCO
Field Book 19M
Page: 47

NGVD 1929
Elevation: 8.230
Order: 3
Class:

NAVD 1988
Elevation: 6.682
Order: 3
Class:

Scaled values only

Description:

OLD SFWMD EL. 8.31 NGVD 1929
********** RECOVERY NOTE **********
4/21/2005 KEITH & SCHNARS LEVEL RUN ALONG C-2 FROM NGS BM V-269 THROUGH C2SW2 (AND OTHERS) TO NGS BM N33
EL. 6.6820 NAVD 88, EL. 8.2298 NGVD 1929
****

TO REACH: FROM THE TURNPIKE ENTRANCE IN LAKE WORTH TAKE THE TURNPIKE SOUTH BOUND APPROXIMATELY 68 MILES TO EXIT 25 (SW 8TH STREET). TAKE SW 8TH STREET EXIT 0.5 MILES TO LIGHT AT THE INTERSECTION OF S.W. 117TH AVENUE; TURN RIGHT FOLLOW S.W. 117TH AVENUE SOUTHERLY APPROXIMATELY 1.7 MILES TO THE INTERSECTION OF S.W. 32 STREET, CONTINUE SOUTHERLY 0.3 MILES TO SW 3700 TURNPIKE ENTRANCE NORTH BOUND, CONTINUE SOUTHERLY ALONG SW 117TH AVENUE, 0.2 MILES TO ___; FOLLOW THE ROAD SOUTHERLY AND EASTERLY TO THE INTERSECTION OF SW 116TH AVENUE AND NORTH SNAPPER CREEK
BENCH MARK IS 22.7 FEET SOUTH OF THE SOUTH EDGE OF PAVEMENT OF NORTH SNAPPER CREEK AND 16.2 FEET WEST OF THE CENTERLINE EXTENDED OF SW 116TH AVENUE.
STATION IS A 1 1/4 - INCH IRON PIPE WITH A SOUTH FLORIDA WATER MANAGEMENT DISTRICT ALUMINUM CAP IN CONCRETE STAMPED "C2SW1 2002"
NOTE THE NUMBER 1 IS STAMPED UPSIDE DOWN, ALSO WHEN YOU MAKE A COPY PLEASE INCLUDE BACK AND DIAGRAM.
THE ELEVATION IS BASED ON A LEVEL RUN FROM DADE COUNTY BENCH MARK P578 EL. 10.38 NGVD 1929.
THE COORDINATES TAKEN FROM SFWMD DRAWING "C-2 CANAL SPECIFIC PURPOSE SURVEY, STUDY WELLS AND CROSS SECTIONS, FIELD DATE MAY 22, 2002.

SOUTH FLORIDA WATER MANAGEMENT DISTRICT

Rev. 4/01

COUNTY MIAMI-DADE	PROJECT C-2 WELLS	DESIGNATION C25W1
SECTION 30	TOWNSHIP 54S	RANGE 40E
GEOGRAPHIC INDEX OF QUAD		
Established by S.F.W.M.D. Recovered by	NAME OF QUADRANGLE SOUTH MIAMI N.W. QUADRANGLE	
SURVEYOR GUARNACCIA DATE 12/21/2002	FIELD BOOK C-2 FIELD BK No 19M PAGE 47	

HORIZONTAL DATUM: 1927 1983 Other N/A (circle one) ZONE (E) or W

VERTICAL DATUM: MSL 1929 1988 Other _____ (circle one)

CONTROL ACCURACY: HORIZONTAL 1 2 3 GPS (circle one) VERTICAL 1 2 (3) _____

STATE PLANE COORDINATES	X	Y	EL. 8.31

LATITUDE LONGITUDE

DESCRIPTION

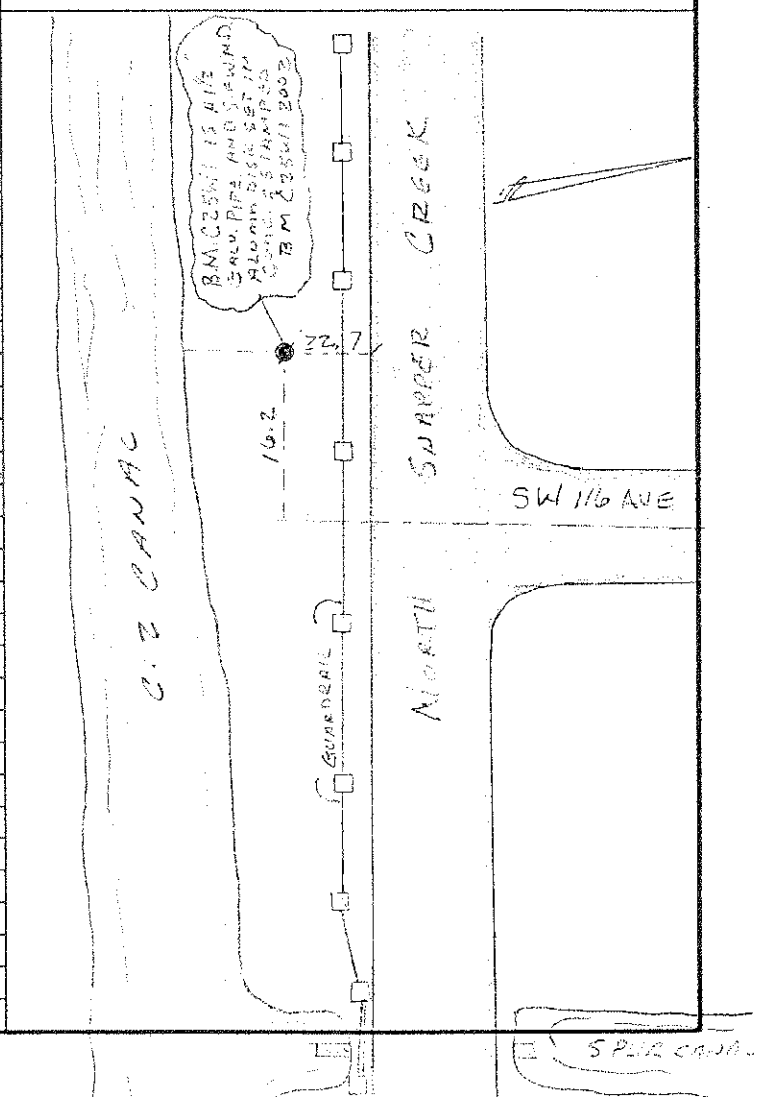
To Reach: THE STATION FROM TURNPIKE ENTRANCE IN DADE NORTH TAKE TURNPIKE SOUTH BOUND APPROX. 6 3/4 ± MILES TO EXIT #25 (S.W. 8TH ST), TAKE S.W. 8TH ST. EAST 0.5 MILES TO LIGHT @ INTERSECTION S.W. 117 AVE, TURN RIGHT FOLLOW S.W. 117 AVE SOUTHERLY (BECOMES S.W. 117 AVE & PARALLELS TURNPIKE) APPROX 1.7 miles TO INTERSECTION S.W. 32 ST CONTINUE SOUTHERLY 0.2 miles TO S.W. 37 TURNPIKE ENTRANCE NORTH BOUND, CONTINUE SOUTHERLY ALONG S.W. 117 AVE 0.2 miles TO SOUTH BOUND ENTRANCE TO TURNPIKE CONTINUE ALONG S.W. 117 AVE 1.1 miles TO INTERSECTION S.W. 72 ST, CONTINUE SOUTHERLY 0.2 ± MI. TO Follow Road Southerly & Easterly TO INTERSECTION S.W. 116 AVE & SHARPER CREEK. BENCH MARK IS 32.7 FT SOUTH OF SOUTH E.O.P. NORTH SHARPER CREEK & 16.2 WEST OF & EXTENDED OF S.W. 116 AVE See Drawing on Back

B.M. IS 1½" GALV. PIPE S.F.W.M.D. ALUMN CAP IN CONC. CAP IS STAMPED C 25 W 1

NOTE: Number 1 is stamped upside down. Also when you make copy please include back, Diagram #1

Notable Land Marks:

SKETCH



South Florida Water Management District
Benchmark Database

Report run on: September 28, 2005 9:07 AM

Designation: C2SW2
County: MIAMI-DADE
USGS Quad: SOUTH MIAMI
Project: C2SW2 WELL SITE

Sec: 35 Twp: 54 Rge: 40

Status: GOOD APR 2005

NAD 1927 Coordinates:
N =
E =
Adjustment:

NAD 1983 Coordinates:
X = 885726.000
Y = 494219.150
Adjustment:
Order:
Class:

Latitude:
Longitude:
Monument By: SFWMD
Year: 2002
Type: V
Stamping: C2 SW2 2002
Party Chief: GIAMMARCO
Field Book 19M
Page: 52

NGVD 1929
Elevation: 6.662
Order: 3
Class:

NAVD 1988
Elevation: 5.123
Order: 3
Class:

Scaled values only

Description:

********** RECOVERY NOTE **********
4/21/2005 KEITH & SCHNARS LEVEL RUN ALONG C-2 FROM NGS BM V-269 THROUGH C2SW2 (AND OTHERS) TO NGS BM N33
EL. 5.1228 NAVD 88, EL. 6.6623 NGVD 1929
****

TO REACH: FROM THE INTERSECTION OF 826 AND SW 72ND STREET, GO EAST ON SW 72ND STREET 1 MILE TO THE INTERSECTIONOF SW 72ND STREET (SUNRISE DRIVE) AND SW 67 AVENUE (LUDLIM ROAD), TURN RIGHT (SOUTHERLY) ON SW 67 AVENUE, CONTINUE SOUTHERLY ON SW 67 TH AVENUE APPROXIMATELY 0.55 OF A MILE TO THE INETESECTION OF SW 67TH AVENUE AND US 1; CONTINUE SOUTHERLY ALONG SW67TH AV3ENUE 0.2 OF A MILE TO A BRIDGE OVER SOUTH FLORIDA WATER MANAGEMENT DISTRICTS CANAL 2; TURN RIGHT (WESTERLY) AT THE NORTHERLY SIDE OF THE BRIDGE AND GO THORUGH THE GATE AND CONTINUE WESTERLY 573 FEET MORE OR LESS TO STATION LOCATION.
STATION IS A SOUTH FLORIDA WATER MANAGEMENT DISTRICT ALUMINUM DISK IN A 1 1/2-INCH GALVINIZED IRON PIPE IN CONCRETE STAMPED (BM C3SW2 2002" ELEV.6.68 NGVD 1929
ELEVATION BASED ON CORPS OF ENGINEERS BRASS DISK FCE 1471 1956
EL. 14.64 NAVD 1988 AND EL. 16.19 NGVD 1929

SOUTH FLORIDA WATER MANAGEMENT DISTRICT

Rev. 4/01

COUNTY MIAMI-DADE	PROJECT C-2 WELLS	DESIGNATION C25W2
SECTION 35	TOWNSHIP 54S	RANGE 40E
GEOGRAPHIC INDEX OF QUAD		
Established by S.F.W.M.D. Recovered by	NAME OF QUADRANGLE SOUTH MIAMI	
SURVEYOR GIAMMARCO DATE 12/1/2002	FIELD BOOK C-2 FIELD BK NO 19M PAGE 52	
HORIZONTAL DATUM: 1927 1983 Other N/A (circle one)	ZONE (E) or W	
VERTICAL DATUM: MSL (1929) 1988 Other _____ (circle one)		
CONTROL ACCURACY: HORIZONTAL 1 2 3 GPS (circle one)	VERTICAL 1 2 (3)	
STATE PLANE COORDINATES X	Y	EL. 6.68
LATITUDE	LONGITUDE	

DESCRIPTION

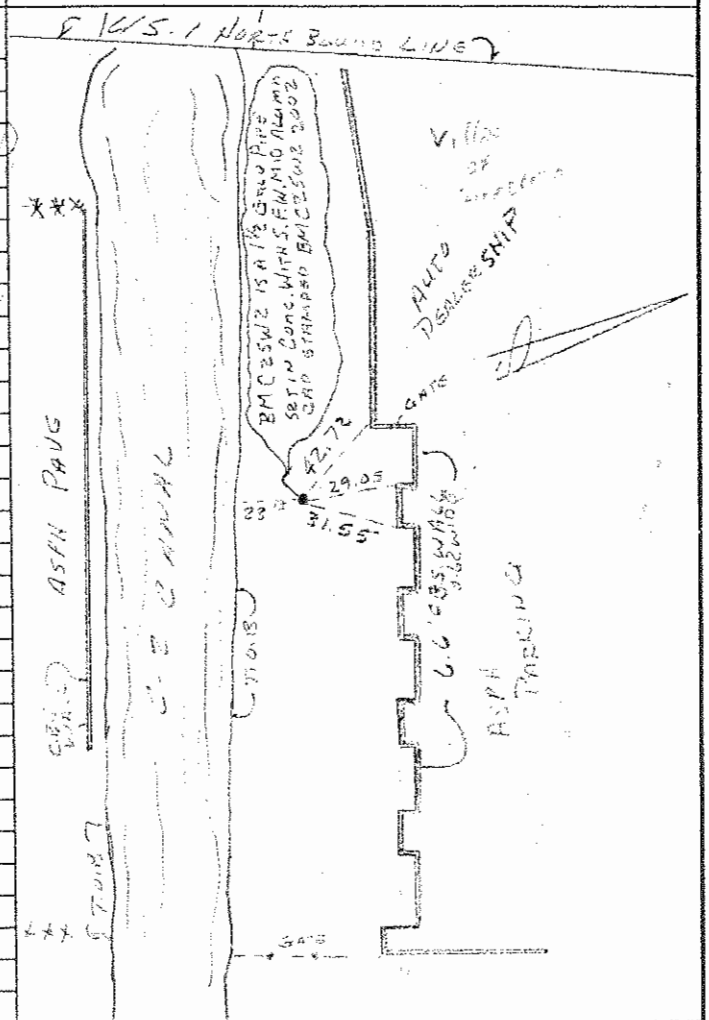
To Reach: THE STATION FORM THE INTERSECTION OF 826 & SW 72 ST (SUNSET DRIVE) GO EAST ON SW 72 ST 1.0 MI TO THE INTERSECTION OF SW 72 ST (SUNSET DRIVE & SW 67 AVE (LUDLUM RD) THEN RIGHT (SOUTHERLY) ON SW 67 AVE (LUDLUM R CONTINUE SOUTHERLY ON SW 67 AVE APPROX. 0.55 MILES TO THE INTERSECTION OF SW 67 AVE & U.S 1. CONTINUE SOUTHERLY ALONG SW 67 AVE (LUDLUM RD) 0.2 MILES TO BRIDGE OVER C-2 CANAL TURN RIGHT (WESTERLY) AT NORTHERLY SIDE OF BRIDGE GO THROUGH GATE & CONTINUE WESTERLY 572' TO B.M. C25W2

BENCH MARK IS 1½" GALV. PIPE IN CONC. WITH S.F.W.M.D ALUMN DISK STAMPED B.M C25W2 2002

ELEV. = 6.68

Notable Land Marks: SEE GPS FILE C2WELLS.NT FOR HORIZONTAL LOCATION

SKETCH



South Florida Water Management District
Benchmark Database

Report run on: November 25, 2003 1:10 PM

Designation: PR48
County: MIAMI-DADE
USGS Quad: SOUTH MIAMI
Project: S-121

Sec: 32 Twp: 54 Rge: 40

Status: GOOD JUN 2000

NAD 1927 Coordinates:
N =
E =
Adjustment:

NAD 1983 Coordinates:
X =
Y =
Adjustment:
Order:
Class:

Latitude: 254112.000
Longitude: 802140.000
Monument By: SFWMD
Year: 1979
Type: V
Stamping: PR 48 1979
Party Chief: RANKIN
Field Book TAPES
Page:

NGVD 1929
Elevation: 7.171
Order: 3
Class:

NAVD 1988
Elevation: 5.626
Order: 3
Class:

Scaled values only

Description:

LOCATED ON THE NORTH FACE OF STRUCRURE 121.
APPROXIMATELY 7 FEET EAST OF THE EAST SIDE OF THE GATE.
********** RECOVERY NOTE **********
6/15/2000 R. BICKHAM, KEITH & SCHNARS, STRIVE PROGRAM, STRUCTURE 121, FIELD BOOK 1021, PAGE 39 FOUND S.F.W.M.D. STAMPED PR 48 1979 BM
KEITH & SCHNARS UNDER CONTRACT C-10923WO6 ESTABLISHED EL.5.626
ON THIS MONUMENT BY RUNNING A VERTICAL LEVEL LOOP FROM FCE 1471
RESET THROUGH THIS MONUMENT AND ENDING ON NGS V269.
****

The NGS Data Sheet

See file dsdata.txt for more information about the datasheet.

```
DATABASE = Sybase ,PROGRAM = datasheet, VERSION = 7.28
1        National Geodetic Survey,   Retrieval Date = SEPTEMBER 28, 2005
 AC2100 ***********************************************************************
 AC2100  DESIGNATION -  V 269
 AC2100  PID         -  AC2100
 AC2100  STATE/COUNTY-  FL/MIAMI-DADE
 AC2100  USGS QUAD   -  SOUTH MIAMI (1988)
 AC2100
 AC2100                          *CURRENT SURVEY CONTROL
 AC2100  ______________________________________________________________________
 AC2100* NAD 83(1986)-  25 40 44.     (N)    080 19 02.     (W)     SCALED
 AC2100* NAVD 88     -         4.405  (meters)      14.45   (feet)  ADJUSTED
 AC2100  ______________________________________________________________________
 AC2100  GEOID HEIGHT-         -25.17  (meters)                     GEOID03
 AC2100  DYNAMIC HT  -           4.398 (meters)      14.43  (feet)  COMP
 AC2100  MODELED GRAV-     979,016.8   (mgal)                       NAVD 88
 AC2100
 AC2100  VERT ORDER  -  FIRST     CLASS II
 AC2100
 AC2100.The horizontal coordinates were scaled from a topographic map and have
 AC2100.an estimated accuracy of +/- 6 seconds.
 AC2100
 AC2100.The orthometric height was determined by differential leveling
 AC2100.and adjusted by the National Geodetic Survey in June 1991.
 AC2100
 AC2100.The geoid height was determined by GEOID03.
 AC2100
 AC2100.The dynamic height is computed by dividing the NAVD 88
 AC2100.geopotential number by the normal gravity value computed on the
 AC2100.Geodetic Reference System of 1980 (GRS 80) ellipsoid at 45
 AC2100.degrees latitude (g = 980.6199 gals.).
 AC2100
 AC2100.The modeled gravity was interpolated from observed gravity values.
 AC2100
 AC2100;                     North         East     Units  Estimated Accuracy
 AC2100;SPC FL E     -   149,220.      268,540.      MT  (+/- 180 meters Scaled)
 AC2100
 AC2100                           SUPERSEDED SURVEY CONTROL
 AC2100
 AC2100  NGVD 29 (09/01/92)    4.875  (m)           15.99   (f) ADJUSTED    1 2
 AC2100
 AC2100.Superseded values are not recommended for survey control.
 AC2100.NGS no longer adjusts projects to the NAD 27 or NGVD 29 datums.
 AC2100.See file dsdata.txt to determine how the superseded data were derived.
 AC2100
 AC2100_U.S. NATIONAL GRID SPATIAL ADDRESS: 17RNJ685403(NAD 83)
 AC2100_MARKER: DB = BENCH MARK DISK
 AC2100_SETTING: 38 = SET IN THE ABUTMENT OR PIER OF A LARGE BRIDGE
 AC2100_SP_SET: PIER
 AC2100_STAMPING: V 269 1966
 AC2100_MARK LOGO: CGS
 AC2100_MAGNETIC: N = NO MAGNETIC MATERIAL
 AC2100_STABILITY: B = PROBABLY HOLD POSITION/ELEVATION WELL
 AC2100_SATELLITE: THE SITE LOCATION WAS REPORTED AS SUITABLE FOR
 AC2100+SATELLITE: SATELLITE OBSERVATIONS - May 21, 1993
 AC2100
 AC2100  HISTORY     - Date     Condition        Report By
 AC2100  HISTORY     - 1966     MONUMENTED       CGS
 AC2100  HISTORY     - 1973     GOOD             NGS
 AC2100  HISTORY     - 1978     GOOD             NGS
 AC2100  HISTORY     - 1986     GOOD             USPSQD
 AC2100  HISTORY     - 1987     GOOD             USPSQD
 AC2100  HISTORY     - 1987     GOOD             USPSQD
 AC2100  HISTORY     - 1988     GOOD             USPSQD
 AC2100  HISTORY     - 1989     GOOD             USPSQD
 AC2100  HISTORY     - 19910125 GOOD             FLDNR
 AC2100  HISTORY     - 19910316 GOOD             USPSQD
 AC2100  HISTORY     - 19930521 GOOD             NGS
 AC2100
```

```
AC2100                          STATION DESCRIPTION
AC2100
AC2100'DESCRIBED BY COAST AND GEODETIC SURVEY 1966
AC2100'2.2 MI SW FROM SOUTH MIAMI.
AC2100'ABOUT 2.2 MILES SOUTHWEST ALONG THE FLORIDA EAST COAST RAILROAD
AC2100'FROM THE STATION AT SOUTH MIAMI, ABOUT 0.2 MILE SOUTHWEST OF
AC2100'MILEPOST 376, AT THE SMALL COMMUNITY OF KENDALL, NEAR THE
AC2100'CROSSING OF JOHNSON DRIVE (SW. 98TH STREET), AT THE OVERPASS
AC2100'WHERE THE PALMETTO EXPRESSWAY CROSSES THE TRACK, SET VERTICALLY
AC2100'IN THE NORTHWEST FACE OF THE 1ST PIER NORTHEAST OF JOHNSON
AC2100'DRIVE AND UNDER THE SOUTHBOUND LANE OF THE EXPRESSWAY, 27 FEET
AC2100'NORTH OF THE CENTER LINE OF JOHNSON DRIVE, 17 FEET SOUTHEAST OF
AC2100'THE SOUTHEAST RAIL, AND ABOUT 3 FEET ABOVE THE LEVEL OF THE
AC2100'TRACK.
AC2100
AC2100                          STATION RECOVERY (1973)
AC2100
AC2100'RECOVERY NOTE BY NATIONAL GEODETIC SURVEY 1973
AC2100'RECOVERED IN GOOD CONDITION.
AC2100
AC2100                          STATION RECOVERY (1978)
AC2100
AC2100'RECOVERY NOTE BY NATIONAL GEODETIC SURVEY 1978
AC2100'RECOVERED IN GOOD CONDITION.
AC2100
AC2100                          STATION RECOVERY (1986)
AC2100
AC2100'RECOVERY NOTE BY US POWER SQUADRON 1986 (LEM)
AC2100'RECOVERED IN GOOD CONDITION.
AC2100
AC2100                          STATION RECOVERY (1987)
AC2100
AC2100'RECOVERY NOTE BY US POWER SQUADRON 1987 (LEM)
AC2100'RECOVERED IN GOOD CONDITION.
AC2100
AC2100                          STATION RECOVERY (1987)
AC2100
AC2100'RECOVERY NOTE BY US POWER SQUADRON 1987 (TD)
AC2100'RECOVERED IN GOOD CONDITION.
AC2100
AC2100                          STATION RECOVERY (1988)
AC2100
AC2100'RECOVERY NOTE BY US POWER SQUADRON 1988 (TD)
AC2100'RECOVERED IN GOOD CONDITION.
AC2100
AC2100                          STATION RECOVERY (1989)
AC2100
AC2100'RECOVERY NOTE BY US POWER SQUADRON 1989 (TD)
AC2100'RECOVERED IN GOOD CONDITION.
AC2100
AC2100                          STATION RECOVERY (1991)
AC2100
AC2100'RECOVERY NOTE BY FL DEPT OF NAT RES 1991
AC2100'RECOVERED IN GOOD CONDITION.
AC2100
AC2100                          STATION RECOVERY (1991)
AC2100
AC2100'RECOVERY NOTE BY US POWER SQUADRON 1991 (LEM)
AC2100'RECOVERED IN GOOD CONDITION.
AC2100
AC2100                          STATION RECOVERY (1993)
AC2100
AC2100'RECOVERY NOTE BY NATIONAL GEODETIC SURVEY 1993
AC2100'IN KENDALL, AT THE INTERSECTION OF STATE HIGHWAY 826 (PALMETTO
AC2100'EXPRESSWAY) AND SOUTHWEST 98TH STREET, SET VERTICALLY IN THE
AC2100'NORTHWEST FACE OF THE MOST NORTHWESTERLY CONCRETE COLUMN OF THE
AC2100'FOURTH PIER NORTH OF THE SOUTH ABUTMENT OF THE SOUTHBOUND HIGHWAY
AC2100'OVERPASS OF THE STREET, 7.5 M (24.6 FT) NORTH OF THE CENTERLINE OF
AC2100'THE STREET, 1.3 M (4.3 FT) WEST OF THE CENTER OF THE SOUTHBOUND LANES
AC2100'OF THE HIGHWAY, AND 0.8 M (2.6 FT) ABOVE THE GROUND SURFACE.

*** retrieval complete.
Elapsed Time = 00:00:00
```

The NGS Data Sheet

See file dsdata.txt for more information about the datasheet.

```
DATABASE = Sybase ,PROGRAM = datasheet, VERSION = 7.28
1        National Geodetic Survey,   Retrieval Date = SEPTEMBER 28, 2005
 AC2103 ***********************************************************************
 AC2103  DESIGNATION -  FCE 1471 RESET
 AC2103  PID         -  AC2103
 AC2103  STATE/COUNTY-  FL/MIAMI-DADE
 AC2103  USGS QUAD   -  SOUTH MIAMI (1988)
 AC2103
 AC2103                         *CURRENT SURVEY CONTROL
 AC2103 ______________________________________________________________________
 AC2103* NAD 83(1986)-  25 41 30.     (N)    080 18 18.     (W)     SCALED
 AC2103* NAVD 88     -         4.462  (meters)      14.64   (feet)  ADJUSTED
 AC2103 ______________________________________________________________________
 AC2103  GEOID HEIGHT-         -25.19  (meters)                     GEOID03
 AC2103  DYNAMIC HT  -           4.455 (meters)      14.62  (feet)  COMP
 AC2103  MODELED GRAV-     979,019.5   (mgal)                       NAVD 88
 AC2103
 AC2103  VERT ORDER  -  FIRST     CLASS II
 AC2103
 AC2103.The horizontal coordinates were scaled from a topographic map and have
 AC2103.an estimated accuracy of +/- 6 seconds.
 AC2103
 AC2103.The orthometric height was determined by differential leveling
 AC2103.and adjusted by the National Geodetic Survey in May 1994.
 AC2103.WARNING-Repeat measurements at this control monument indicate possible
 AC2103.vertical movement.
 AC2103
 AC2103.The geoid height was determined by GEOID03.
 AC2103
 AC2103.The dynamic height is computed by dividing the NAVD 88
 AC2103.geopotential number by the normal gravity value computed on the
 AC2103.Geodetic Reference System of 1980 (GRS 80) ellipsoid at 45
 AC2103.degrees latitude (g = 980.6199 gals.).
 AC2103
 AC2103.The modeled gravity was interpolated from observed gravity values.
 AC2103
 AC2103;                    North         East     Units  Estimated Accuracy
 AC2103;SPC FL E     -   150,640.      269,760.      MT  (+/- 180 meters Scaled)
 AC2103
 AC2103                           SUPERSEDED SURVEY CONTROL
 AC2103
 AC2103  NAVD 88 (06/15/91)    4.467  (m)           14.66   (f) UNKNOWN     1 2
 AC2103  NGVD 29 (09/01/92)    4.936  (m)           16.19   (f) ADJUSTED    1 2
 AC2103
 AC2103.Superseded values are not recommended for survey control.
 AC2103.NGS no longer adjusts projects to the NAD 27 or NGVD 29 datums.
 AC2103.See file dsdata.txt to determine how the superseded data were derived.
 AC2103
 AC2103_U.S. NATIONAL GRID SPATIAL ADDRESS: 17RNJ697417(NAD 83)
 AC2103_MARKER: DD = SURVEY DISK
 AC2103_SETTING: 38 = SET IN THE ABUTMENT OR PIER OF A LARGE BRIDGE
 AC2103_SP_SET: ABUTMENT
 AC2103_STAMPING: FCE 1471 1956
 AC2103_MARK LOGO: FLHD
 AC2103_MAGNETIC: N = NO MAGNETIC MATERIAL
 AC2103_STABILITY: B = PROBABLY HOLD POSITION/ELEVATION WELL
 AC2103_SATELLITE: THE SITE LOCATION WAS REPORTED AS SUITABLE FOR
 AC2103+SATELLITE: SATELLITE OBSERVATIONS - May 20, 1993
 AC2103
 AC2103  HISTORY     - Date     Condition        Report By
 AC2103  HISTORY     - UNK      MONUMENTED       RBNF
 AC2103  HISTORY     - 1978     GOOD             NGS
 AC2103  HISTORY     - 1987     GOOD             USPSQD
 AC2103  HISTORY     - 1988     GOOD             USPSQD
 AC2103  HISTORY     - 1989     GOOD             USPSQD
 AC2103  HISTORY     - 19910125 GOOD             FLDNR
 AC2103  HISTORY     - 19930520 GOOD             NGS
 AC2103
 AC2103                           STATION DESCRIPTION
```

AC2103
AC2103'DESCRIBED BY NATIONAL GEODETIC SURVEY 1978
AC2103'1.1 MI SW FROM SOUTH MIAMI.
AC2103'ABOUT 1.1 MILES SOUTHWEST ALONG THE FLORIDA EAST COAST RAILROAD
AC2103'FROM THE STATION AT SOUTH MIAMI, ABOUT 150 YARDS SOUTHWEST OF
AC2103'MILEPOST 375, ABOUT 25 YARDS SOUTHEAST OF THE TRACK, ALONG U.S.
AC2103'HIGHWAY 1 WHICH PARALLELS THE TRACK, SET IN THE TOP OF THE
AC2103'NORTHWEST END OF THE SOUTHWEST CONCRETE ABUTMENT FOR SOUTH-BOUND
AC2103'LANE BRIDGE OVER SNAPPER CREEK CANAL 2, 1 FOOT NORTHWEST OF THE
AC2103'NORTHWEST CURB OF BRIDGE. NOTE--ASSUMED RESET BETWEEN 1966 AND 1978
AC2103'(1966 DISTANCE ABOVE THE LEVEL OF THE HIGHWAY WAS OMITTED).
AC2103
AC2103   STATION RECOVERY (1987)
AC2103
AC2103'RECOVERY NOTE BY US POWER SQUADRON 1987 (TD)
AC2103'RECOVERED IN GOOD CONDITION.
AC2103
AC2103   STATION RECOVERY (1988)
AC2103
AC2103'RECOVERY NOTE BY US POWER SQUADRON 1988 (TD)
AC2103'RECOVERED IN GOOD CONDITION.
AC2103
AC2103   STATION RECOVERY (1989)
AC2103
AC2103'RECOVERY NOTE BY US POWER SQUADRON 1989 (TD)
AC2103'RECOVERED IN GOOD CONDITION.
AC2103
AC2103   STATION RECOVERY (1991)
AC2103
AC2103'RECOVERY NOTE BY FL DEPT OF NAT RES 1991
AC2103'RECOVERED IN GOOD CONDITION AND AS DESCRIBED EXCEPT THE RAILROAD HAS
AC2103'BEEN REMOVED AND THE MARK IS SET IN THE BRIDGE RAIL 3.3 FT (1.0 M)
AC2103'ABOVE THE LEVEL OF THE HIGHWAY NOT 1 FT (0.3 M) .
AC2103
AC2103   STATION RECOVERY (1993)
AC2103
AC2103'RECOVERY NOTE BY NATIONAL GEODETIC SURVEY 1993
AC2103'2.7 KM (1.65 MI) SOUTHWESTERLY ALONG U.S. HIGHWAY 1 FROM THE
AC2103'JUNCTION OF STATE HIGHWAY 959 (SOUTHWEST 57TH AVENUE) IN SOUTH MIAMI,
AC2103'IN TOP OF AND 0.2 M (0.7 FT) SOUTHEAST OF THE NORTHWEST END OF THE
AC2103'SOUTHWEST CONCRETE ABUTMENT OF THE SOUTHBOUND HIGHWAY BRIDGE SPANNING
AC2103'SNAPPER CREEK CANAL NUMBER C-2, 7.5 M (24.6 FT) NORTHWEST OF THE
AC2103'CENTERLINE OF THE SOUTHBOUND LANES OF THE HIGHWAY, AND 1.0 M (3.3 FT)
AC2103'ABOVE THE LEVEL OF THE HIGHWAY.

*** retrieval complete.
Elapsed Time = 00:00:00

The NGS Data Sheet

See file dsdata.txt for more information about the datasheet.

```
DATABASE = Sybase ,PROGRAM = datasheet, VERSION = 7.12
1        National Geodetic Survey,   Retrieval Date = FEBRUARY  1, 2005
 AC0482 ***********************************************************************
 AC0482  DESIGNATION -  N 33
 AC0482  PID         -  AC0482
 AC0482  STATE/COUNTY-  FL/DADE
 AC0482  USGS QUAD   -  HIALEAH SW (1988)
 AC0482
 AC0482                          *CURRENT SURVEY CONTROL
 AC0482  ______________________________________________________________________
 AC0482* NAD 83(1986)-  25 45 39.     (N)    080 27 39.     (W)     SCALED
 AC0482* NAVD 88     -         2.631  (meters)       8.63   (feet)  ADJUSTED
 AC0482  ______________________________________________________________________
 AC0482  GEOID HEIGHT-         -24.70  (meters)                      GEOID03
 AC0482  DYNAMIC HT  -           2.626 (meters)       8.62  (feet)  COMP
 AC0482  MODELED GRAV-     979,031.6   (mgal)                        NAVD 88
 AC0482
 AC0482  VERT ORDER  -  FIRST     CLASS I
 AC0482
 AC0482.The horizontal coordinates were scaled from a topographic map and have
 AC0482.an estimated accuracy of +/- 6 seconds.
 AC0482
 AC0482.The orthometric height was determined by differential leveling
 AC0482.and adjusted by the National Geodetic Survey in September 1992.
 AC0482
 AC0482.The geoid height was determined by GEOID03.
 AC0482
 AC0482.The dynamic height is computed by dividing the NAVD 88
 AC0482.geopotential number by the normal gravity value computed on the
 AC0482.Geodetic Reference System of 1980 (GRS 80) ellipsoid at 45
 AC0482.degrees latitude (g = 980.6199 gals.).
 AC0482
 AC0482.The modeled gravity was interpolated from observed gravity values.
 AC0482
 AC0482;                     North         East     Units  Estimated Accuracy
 AC0482;SPC FL E     -   158,230.      254,090.      MT  (+/- 180 meters Scaled)
 AC0482
 AC0482                           SUPERSEDED SURVEY CONTROL
 AC0482
 AC0482  NAVD 88 (06/15/91)    2.656  (m)            8.71   (f) UNKNOWN     1 1
 AC0482  NGVD 29 (09/01/92)    3.107  (m)           10.19   (f) ADJUSTED    1 1
 AC0482
 AC0482.Superseded values are not recommended for survey control.
 AC0482.NGS no longer adjusts projects to the NAD 27 or NGVD 29 datums.
 AC0482.See file dsdata.txt to determine how the superseded data were derived.
 AC0482
 AC0482_U.S. NATIONAL GRID SPATIAL ADDRESS: 17RNJ540493(NAD 83)
 AC0482_MARKER: DD = SURVEY DISK
 AC0482_SETTING: 9 = SET IN PREFABRICATED CONCRETE POST IMBEDDED IN GROUND
 AC0482_STAMPING: N 33
 AC0482_MARK LOGO: CGS+SS
 AC0482_MAGNETIC: N = NO MAGNETIC MATERIAL
 AC0482_STABILITY: D = MARK OF QUESTIONABLE OR UNKNOWN STABILITY
 AC0482_SATELLITE: THE SITE LOCATION WAS REPORTED AS SUITABLE FOR
 AC0482+SATELLITE: SATELLITE OBSERVATIONS - January 03, 2001
 AC0482
 AC0482  HISTORY     - Date     Condition        Report By
 AC0482  HISTORY     - UNK      MONUMENTED       CGS+SS
 AC0482  HISTORY     - 1965     GOOD             NGS
 AC0482  HISTORY     - 1986     MARK NOT FOUND   USPSQD
 AC0482  HISTORY     - 19910302 GOOD             USPSQD
 AC0482  HISTORY     - 19920218 GOOD             NGS
 AC0482  HISTORY     - 20010103 GOOD             FLDEP
 AC0482
 AC0482                           STATION DESCRIPTION
 AC0482
 AC0482'DESCRIBED BY NATIONAL GEODETIC SURVEY 1965
 AC0482'9.2 MI W FROM WEST MIAMI.
 AC0482'ABOUT 9.2 MILES WEST ALONG U.S. HIGHWAY 41 FROM THE TAMIAMI STATION
```

AC0482'POST OFFICE AT WEST MIAMI, IN SECTION 5, R 39 E, T 54 S, ABOUT
AC0482'1.3 MILES EAST OF THE INTERSECTION OF STATE HIGHWAY 27, 67 YARDS
AC0482'NORTHEAST OF AND ACROSS THE NORTH LANE FROM THE JUNCTION OF A
AC0482'ROAD LEADING SOUTH, 22 FEET NORTH OF THE CENTER LINE OF THE
AC0482'NORTH LANE OF THE HIGHWAY, 119 FEET EAST OF A LONE 14-INCH
AC0482'PINE TREE, SET IN THE TOP OF A CONCRETE POST PROJECTING 6 INCHES
AC0482'ABOVE THE LEVEL OF THE GROUND.
AC0482
AC0482 STATION RECOVERY (1986)
AC0482
AC0482'RECOVERY NOTE BY US POWER SQUADRON 1986 (LEM)
AC0482'MARK NOT FOUND.
AC0482
AC0482 STATION RECOVERY (1991)
AC0482
AC0482'RECOVERY NOTE BY US POWER SQUADRON 1991 (LEM)
AC0482'RECOVERED IN GOOD CONDITION.
AC0482
AC0482 STATION RECOVERY (1992)
AC0482
AC0482'RECOVERY NOTE BY NATIONAL GEODETIC SURVEY 1992
AC0482'15.6 KM (9.70 MI) WESTERLY ALONG U.S. HIGHWAY 41 FROM THE POST
AC0482'OFFICE IN WEST MIAMI, 6.9 M (22.6 FT) NORTH OF THE CENTERLINE OF THE
AC0482'WESTBOUND LANES OF THE HIGHWAY, 0.5 M (1.6 FT) SOUTH OF A WITNESS
AC0482'POST, AND THE MONUMENT PROJECTS 0.3 M (1.0 FT) ABOVE THE GROUND
AC0482'SURFACE.
AC0482
AC0482 STATION RECOVERY (2001)
AC0482
AC0482'RECOVERY NOTE BY FL DEPT OF ENV PRO 2001 (JLM)
AC0482'THE MARK IS ABOUT 19.0 MI (30.6 KM) NORTH-NORTHEAST OF HOMESTEAD, 8.0
AC0482'MI (12.9 KM) SOUTHWEST OF HIALEAH, IN SECTION 5, TOWNSHIP 54 SOUTH,
AC0482'RANGE 39 EAST. TO REACH THE MARK FROM THE JUNCTION OF STATE ROAD 997
AC0482'(KROME AVENUE SW 177 AVENUE) AND U.S. HIGHWAY 41 (TAMIAMI TRAIL SW
AC0482'8TH ST) ABOUT 10.0 MI (16.1 KM) SOUTHWEST OF HIALEAH, GO EAST ON U.S.
AC0482'HIGHWAY 41 (TAMIAMI TRAIL SW 8TH ST) FOR 1.25 MI (2.01 KM) T0 THE EAST
AC0482'END OF BRIDGE NUMBER 8705851979 AND THE MARK ON THE LEFT, SET IN THE
AC0482'TOP OF A 0.6 FT (18.3 CM) X 0.6 FT (18.3 CM) POST INBEDED IN THE
AC0482'GROUND PROJECTING 0.8 FT (24.4 CM) ABOVE THE LEVEL OF THE GROUND AND
AC0482'ABOVE THE LEVEL OF THE WESTBOUND LANES OF U.S. HIGHWAY 41. LOCATED
AC0482'22.6 FT (6.9 M) NORTH OF THE CENTERLINE OF THE WESTBOUND LANES OF U.S.
AC0482'HIGHWAY 41 AND 1.6 FT (0.5 M) SOUTH OF A METAL WITNESS POST.

*** retrieval complete.
Elapsed Time = 00:00:00

The NGS Data Sheet

See file dsdata.txt for more information about the datasheet.

```
DATABASE =  ,PROGRAM = datasheet, VERSION = 7.58
1        National Geodetic Survey,   Retrieval Date = MARCH 10, 2008
 DH9625 ***********************************************************************
 DH9625  DESIGNATION -  T 5
 DH9625  PID         -  DH9625
 DH9625  STATE/COUNTY-  FL/MIAMI-DADE
 DH9625  USGS QUAD   -  HIALEAH SW (1988)
 DH9625
 DH9625                          *CURRENT SURVEY CONTROL
 DH9625 ______________________________________________________________________
 DH9625* NAD 83(1986)-  25 45 40.     (N)    080 23 05.     (W)     SCALED
 DH9625* NAVD 88     -          2.354  (meters)       7.72   (feet)  ADJUSTED
 DH9625 ______________________________________________________________________
 DH9625  GEOID HEIGHT-         -24.88  (meters)                      GEOID03
 DH9625  DYNAMIC HT  -           2.350 (meters)       7.71  (feet)  COMP
 DH9625  MODELED GRAV-     979,033.1   (mgal)                        NAVD 88
 DH9625
 DH9625  VERT ORDER  -  FIRST     CLASS II
 DH9625
 DH9625.The horizontal coordinates were scaled from a topographic map and have
 DH9625.an estimated accuracy of +/- 6 seconds.
 DH9625
 DH9625.The orthometric height was determined by differential leveling
 DH9625.and adjusted in July 2006.
 DH9625
 DH9625.Photographs are available for this station.
 DH9625
 DH9625.The geoid height was determined by GEOID03.
 DH9625
 DH9625.The dynamic height is computed by dividing the NAVD 88
 DH9625.geopotential number by the normal gravity value computed on the
 DH9625.Geodetic Reference System of 1980 (GRS 80) ellipsoid at 45
 DH9625.degrees latitude (g = 980.6199 gals.).
 DH9625
 DH9625.The modeled gravity was interpolated from observed gravity values.
 DH9625
 DH9625;                    North         East     Units  Estimated Accuracy
 DH9625;SPC FL E     -   158,300.      261,720.      MT  (+/- 180 meters Scaled)
 DH9625
 DH9625                          SUPERSEDED SURVEY CONTROL
 DH9625
 DH9625.No superseded survey control is available for this station.
 DH9625
 DH9625_U.S. NATIONAL GRID SPATIAL ADDRESS: 17RNJ617493(NAD 83)
 DH9625_MARKER: DD = SURVEY DISK
 DH9625_SETTING: 38 = SET IN THE ABUTMENT OR PIER OF A LARGE BRIDGE
 DH9625_SP_SET: BRIDGE ABUTMENT
 DH9625_STAMPING: SFWMD T-5
 DH9625_MARK LOGO: SFLWMD
 DH9625_MAGNETIC: N = NO MAGNETIC MATERIAL
 DH9625_STABILITY: B = PROBABLY HOLD POSITION/ELEVATION WELL
 DH9625_SATELLITE: THE SITE LOCATION WAS REPORTED AS SUITABLE FOR
 DH9625+SATELLITE: SATELLITE OBSERVATIONS - 2004
 DH9625
 DH9625  HISTORY     - Date     Condition        Report By
 DH9625  HISTORY     - 2004     MONUMENTED       SFLWMD
 DH9625
 DH9625                          STATION DESCRIPTION
 DH9625
 DH9625'DESCRIBED BY S FL WATER MGMT DIST 2004 (JLM)
 DH9625'THE MARK IS ON THE WEST SIDE OF MIAMI, IN SWEETWATER, IN SECTION 6,
 DH9625'TOWNSHIP 54 SOUTH,  RANGE 40 EAST.
 DH9625'
 DH9625'THE MARK IS AT THE HOMESTEAD EXTENSION FLORIDA TURNPIKE OVERPASS EXIT
 DH9625'NUMBER 25 (STATE  HIGHWAY 821) AND U.S. HIGHWAY 41 (TAMIAMI TRAIL, SW
 DH9625'8TH ST) IN SWEETWATER, ON THE EAST  SIDE OF THE HOMESTEAD EXTENSION OF
 DH9625'THE FLORIDA TURNPIKE, SET FLUSH IN THE BRIDGE  ABUTMENT AT THE
 DH9625'NORTHWEST CORNER OF THE BRIDGE SPANNING A CANAL.
 DH9625'
```

DH9625'LOCATED 106.0 FT EAST OF THE MOST EASTERLY COLUMN OF THE TURNPIKE ON
DH9625'THE NORTH SIDE OF U.S. HIGHWAY 41, 47.7 FT EAST OF AN ALUMINUM LIGHT
DH9625'POLE NUMBER 86053438901 AND 4.0 FT EAST OF THE NORTHWEST CORNER OF
DH9625'THE BRIDGE RAIL.

*** retrieval complete.
Elapsed Time = 00:00:00

JOB# **16434.00** PARTY CHIEF **Peters** DATE: **3/24/05-4/21/05** Datum: **NAVD 88** FIELD BOOK **1177** PG **2-65**

Bench Mark/Section	BS threads	Intervals, difference	Mean thread	FS threads	Intervals, difference	Mean thread	Sight distance imbalance (setup)	Total sight distance (setup)	Difference in elevation and B+F partials (misclosure)	Unadjusted elevation (based on mean of forward and backward runs)	Cumulative partials	Cumulative section length	Adjustment	Published and final adjusted elevations
BM V 269 (Published)										**14.4521**	*0*	0	0	***14.4521***
	2.970			4.870										
Forward (1177/2)	2.680	0.290	2.6767	4.570	0.300	4.5700	-1.000	119	-1.8933					
	2.380	0.300		4.270	0.300									
		-0.010			0.000									
	4.830			2.900										
Backward (1177/65)	4.515	0.315	4.5150	2.630	0.270	2.6300	9.000	117	1.8850					
	4.200	0.315		2.360	0.270									
		0.000			0.000									
								B+F	***-0.0083***					
								Allowable:	***0.0045***					
TP1										**12.5629**	*-0.0083*	118	0.0000	***12.5629***
	4.610			6.905										
Forward (1177/2)	3.300	1.310	3.3000	5.610	1.295	5.6083	2.500	521.5	-2.3083					
	1.990	1.310		4.310	1.300									
		0.000			-0.005									
	6.995			4.715										
Backward (1177/65)	5.705	1.290	5.7050	3.400	1.315	3.3983	-5.500	521.5	2.3067					
	4.415	1.290		2.080	1.320									
		0.000			-0.005									
								B+F	***-0.0017***					
								Allowable:	***0.0094***					
TP2										**10.2554**	*-0.0100*	640	0.0000	***10.2554***
	5.840			5.570										
Forward (1177/2)	4.570	1.270	4.5683	4.305	1.265	4.3050	1.500	507.5	0.2633					
	3.295	1.275		3.040	1.265									
		-0.005			0.000									
	5.600			5.830										
Backward (1177/64)	4.310	1.290	4.3117	4.570	1.260	4.5717	6.000	509	-0.2600					
	3.025	1.285		3.315	1.255									
		0.005			0.005									

								B+F	***0.0033***				
								Allowable:	***0.0093***				
TP3										**10.5171**	*-0.0067*	1148	0.0000	***10.5171***
	5.270			5.740										
Forward (1177/2)	4.030	1.240	4.0317	4.490	1.250	4.4900	-2.500	497.5	-0.4583					
	2.795	1.235		3.240	1.250									
		0.005			0.000									
	5.960			5.425										
Backward (1177/64)	4.680	1.280	4.6800	4.215	1.210	4.2167	14.500	497.5	0.4633					
	3.400	1.280		3.010	1.205									
		0.000			0.005									
								B+F	***0.0050***				
								Allowable:	***0.0092***				
TP4										**10.0563**	*-0.0017*	1645	0.0000	***10.0562***
	6.850			6.280										
Forward (1177/2)	5.565	1.285	5.5633	4.930	1.350	4.9300	-12.500	527.5	0.6333					
	4.275	1.290		3.580	1.350									
		-0.005			0.000									
	6.460			6.960										
Backward (1177/64)	5.075	1.385	5.0750	5.710	1.250	5.7100	27.000	527	-0.6350					
	3.690	1.385		4.460	1.250									
		0.000			0.000									
								B+F	***-0.0017***				
								Allowable:	***0.0095***				
TP5										**10.6904**	*-0.0033*	2173	0.0000	***10.6904***
	7.430			6.370										
Forward (1177/2)	6.120	1.310	6.1200	5.025	1.345	5.0217	-8.000	532						
	4.810	1.310		3.670	1.355									
		0.000			-0.010									
TP6														
	5.290			5.910										
	4.065	1.225	4.0667	4.690	1.220	4.6867	-0.500	489.5	0.4783					
	2.845	1.220		3.460	1.230									
		0.005			-0.010									
TP7														
	6.180			5.605										
Backward (1177/64)	4.930	1.250	4.9333	4.420	1.185	4.4217	12.500	485.5						
	3.690	1.240		3.240	1.180									
		0.010			0.005									
TP362														

	6.410			7.225										
	4.980	1.430	4.9800	5.975	1.250	5.9733	35.500	536.5	-0.4817					
	3.550	1.430		4.720	1.255									
		0.000			-0.005									
								B+F	***-0.0033***					
								Allowable:	***0.0132***					
TP7										**11.1704**	*-0.0067*	3194	-0.0001	***11.1704***
	6.350			5.860										
Forward (1177/3)	5.090	1.260	5.0900	4.640	1.220	4.6400	8.000	496	0.4500					
	3.830	1.260		3.420	1.220									
		0.000			0.000									
	5.905			6.345										
Backward (1177/64)	4.665	1.240	4.6633	5.110	1.235	5.1117	2.000	495	-0.4483					
	3.420	1.245		3.880	1.230									
		-0.005			0.005									
								B+F	***0.0017***					
								Allowable:	***0.0092***					
TP8										**11.6196**	*-0.0050*	3690	-0.0001	***11.6195***
	5.970			5.805										
Forward (1177/3)	4.745	1.225	4.7450	4.425	1.380	4.4250	-31.000	521	0.3200					
	3.520	1.225		3.045	1.380									
		0.000			0.000									
	5.125			5.495										
Backward (1177/63)	3.840	1.285	3.8417	4.165	1.330	4.1667	-9.000	522	-0.3250					
	2.560	1.280		2.840	1.325									
		0.005			0.005									
								B+F	***-0.0050***					
								Allowable:	***0.0094***					
TP9										**11.9421**	*-0.0100*	4211	-0.0001	***11.9420***
	4.820			6.060										
Forward (1177/3)	3.650	1.170	3.6500	4.870	1.190	4.8700	-4.000	472	-1.2200					
	2.480	1.170		3.680	1.190									
		0.000			0.000									
	6.710			5.470										
Backward (1177/63)	5.530	1.180	5.5333	4.305	1.165	4.3033	1.500	468.5	1.2300					
	4.360	1.170		3.135	1.170									
		0.010			-0.005									
								B+F	***0.0100***					
								Allowable:	***0.0090***					

TP10										**10.7171**	*0.0000*	4682	-0.0001	***10.7170***
	5.125			6.600										
Forward (1177/3)	3.905	1.220	3.9067	5.365	1.235	5.3650	-3.500	490.5	-1.4583					
	2.690	1.215		4.130	1.235									
		0.005			0.000									
	6.850			5.425										
Backward (1177/63)	5.630	1.220	5.6333	4.185	1.240	4.1867	-4.500	490.5	1.4467					
	4.420	1.210		2.950	1.235									
		0.010			0.005									
								B+F	***-0.0117***					
								Allowable:	***0.0091***					
TP11										**9.2646**	*-0.0117*	5172	-0.0001	***9.2645***
	6.880			5.830										
Forward (1177/3)	5.670	1.210	5.6667	4.590	1.240	4.5900	-5.000	491	1.0767					
	4.450	1.220		3.350	1.240									
		-0.010			0.000									
	5.965			7.050										
Backward (1177/63)	4.750	1.215	4.7483	5.820	1.230	5.8183	-3.000	490	-1.0700					
	3.530	1.220		4.585	1.235									
		-0.005			-0.005									
								B+F	***0.0067***					
								Allowable:	***0.0091***					
TP12										**10.3379**	*-0.0050*	5663	-0.0001	***10.3378***
	7.150			3.000										
Forward (1177/4)	5.910	1.240	5.9067	1.615	1.385	1.6133	-28.500	526.5	4.2933					
	4.660	1.250		0.225	1.390									
		-0.010			-0.005									
	3.430			7.470										
Backward (1177/63)	2.000	1.430	2.0000	6.290	1.180	6.2867	49.000	523	-4.2867					
	0.570	1.430		5.100	1.190									
		0.000			-0.010									
								B+F	***0.0067***					
								Allowable:	***0.0095***					
TP13										**14.6279**	*0.0017*	6187	-0.0001	***14.6278***
BM FCE 1471	2.210			10.185										
Forward (1177/4)	1.235	0.975	1.2317	9.130	1.055	9.1300	-15.000	407	-7.8983					
	0.250	0.985		8.075	1.055									
		-0.010			0.000									

	10.045			2.145									
Backward (1177/63)	9.025	1.020	9.0250	1.125	1.020	1.1267	0.500	407.5	7.8983				
	8.005	1.020		0.110	1.015								
		0.000			0.005								
								B+F	***0.0000***				
								Allowable:	***0.0083***				
TP14										**6.7296**	*0.0017*	6595	-0.0001	***6.7295***
	4.610			6.195									
Forward (1177/4)	3.690	0.920	3.6933	5.300	0.895	5.2983	3.500	362.5	-1.6050				
	2.780	0.910		4.400	0.900								
		0.010			-0.005								
	6.220			4.645									
Backward (1177/62)	5.330	0.890	5.3300	3.720	0.925	3.7217	-6.500	362.5	1.6083				
	4.440	0.890		2.800	0.920								
		0.000			0.005								
								B+F	***0.0033***				
WELL SITE C2SW2								***Allowable:***	***0.0079***				
TP15										**5.1229**	*0.0050*	6957	-0.0001	***5.1228***
BM C2SW2 2002	6.070			5.850									
Forward (1177/4)	5.080	0.990	5.0783	4.850	1.000	4.8500	-1.500	398.5	0.2283				
	4.085	0.995		3.850	1.000								
		-0.005			0.000								
	5.780			6.010									
Backward (1177/62)	4.790	0.990	4.7900	5.015	0.995	5.0133	-1.500	397.5	-0.2233				
	3.800	0.990		4.015	1.000								
		0.000			-0.005								
								B+F	***0.0050***				
								Allowable:	***0.0082***				
TP16										**5.3488**	*0.0100*	7355	-0.0002	***5.3486***
	10.915			7.920									
Forward (1177/4)	9.740	1.175	9.7383	6.730	1.190	6.7300	-2.500	473.5	3.0083				
	8.560	1.180		5.540	1.190								
		-0.005			0.000								
	8.060			11.125									
Backward (1177/62)	6.905	1.155	6.9083	9.935	1.190	9.9350	-8.000	468	-3.0267				
	5.760	1.145		8.745	1.190								
		0.010			0.000								
								B+F	***-0.0183***				
								Allowable:	***0.0090***				

TP17										**8.3663**	*-0.0083*	7826	-0.0002	***8.3661***
	3.515			5.400										
Forward (1177/4)	2.240	1.275	2.2417	4.130	1.270	4.1267	-0.500	509.5	-1.8850					
	0.970	1.270		2.850	1.280									
		0.005			-0.010									
	5.190			3.280										
Backward (1177/62)	3.920	1.270	3.9200	2.030	1.250	2.0300	4.000	504	1.8900					
	2.650	1.270		0.780	1.250									
		0.000			0.000									
								B+F	***0.0050***					
								Allowable:	***0.0093***					
TP18										**6.4788**	*-0.0033*	8333	-0.0002	***6.4786***
	7.840			6.130										
Forward (1177/5)	6.340	1.500	6.3367	4.630	1.500	4.6333	2.000	600	1.7033					
	4.830	1.510		3.140	1.490									
		-0.010			0.010									
	5.060			5.860										
Backward (1177/62)	4.320	0.740	4.3200	5.070	0.790	5.0717	-9.500	305.5						
	3.580	0.740		4.285	0.785									
		0.000			0.005									
TP349														
	5.980			6.980										
	5.250	0.730	5.2500	6.220	0.760	6.2167	-7.000	299	-1.7183					
	4.520	0.730		5.450	0.770									
		0.000			-0.010									
								B+F	***-0.0150***					
								Allowable:	***0.0101***					
TP19										**8.1896**	*-0.0183*	8935	-0.0002	***8.1894***
	8.340			6.020										
Forward (1177/5)	7.140	1.200	7.1433	4.795	1.225	4.7950	-6.000	484	2.3483					
	5.950	1.190		3.570	1.225									
		0.010			0.000									
	6.150			8.565										
Backward (1177/61)	4.970	1.180	4.9700	7.325	1.240	7.3233	-12.500	484.5	-2.3533					
	3.790	1.180		6.080	1.245									
		0.000			-0.005									
								B+F	***-0.0050***					
								Allowable:	***0.0091***					
TP20										**10.5404**	*-0.0233*	9419	-0.0002	***10.5402***

	6.830			6.260										
Forward (1177/5)	5.595	1.235	5.5950	5.010	1.250	5.0100	-3.000	497	0.5850					
	4.360	1.235		3.760	1.250									
		0.000			0.000									
	6.265			6.815										
Backward (1177/61)	5.010	1.255	5.0083	5.595	1.220	5.5933	7.000	496	-0.5850					
	3.750	1.260		4.370	1.225									
		-0.005			-0.005									
								B+F	***0.0000***					
								Allowable:	***0.0092***					
TP21										**11.1254**	*-0.0233*	9916	-0.0002	***11.1252***
	5.900			5.695										
Forward (1177/5)	4.515	1.385	4.5117	4.265	1.430	4.2650	-8.000	564	0.2467					
	3.120	1.395		2.835	1.430									
		-0.010			0.000									
	5.680			5.880										
Backward (1177/61)	4.250	1.430	4.2500	4.490	1.390	4.4917	8.500	563.5	-0.2417					
	2.820	1.430		3.105	1.385									
		0.000			0.005									
								B+F	***0.0050***					
								Allowable:	***0.0098***					
TP22										**11.3696**	*-0.0183*	10479	-0.0002	***11.3694***
	5.685			6.175										
Forward (1177/5)	4.440	1.245	4.4417	4.910	1.265	4.9117	-4.000	501	-0.4700					
	3.200	1.240		3.650	1.260									
		0.005			0.005									
	6.190			5.685										
Backward (1177/61)	4.920	1.270	4.9200	4.440	1.245	4.4417	5.500	502.5	0.4783					
	3.650	1.270		3.200	1.240									
		0.000			0.005									
								B+F	***0.0083***					
								Allowable:	***0.0092***					
TP23										**10.8954**	*-0.0100*	10981	-0.0002	***10.8952***
	5.940			7.130										
Forward (1177/5)	4.665	1.275	4.6650	5.865	1.265	5.8650	2.000	508	-1.2000					
	3.390	1.275		4.600	1.265									
		0.000			0.000									
	7.330			6.155										

Backward (1177/61)	6.070	1.260	6.0667	4.870	1.285	4.8683	-4.500	510.5	1.1983					
	4.800	1.270		3.580	1.290									
		-0.010			-0.005									
								B+F	***-0.0017***					
								Allowable:	***0.0093***					
TP24										**9.6963**	*-0.0117*	11490	-0.0002	***9.6960***
	6.460			7.800										
Forward (1177/6)	5.180	1.280	5.1800	6.545	1.255	6.5417	4.000	508	-1.3617					
	3.900	1.280		5.280	1.265									
		0.000			-0.010									
	7.820			6.425										
Backward (1177/61)	6.535	1.285	6.5317	5.170	1.255	5.1683	6.500	509.5	1.3633					
	5.240	1.295		3.910	1.260									
		-0.010			-0.005									
								B+F	***0.0017***					
								Allowable:	***0.0093***					
TP25										**8.3338**	*-0.0100*	11999	-0.0003	***8.3335***
	6.540			6.730										
Forward (1177/6)	5.245	1.295	5.2450	5.420	1.310	5.4167	-4.000	522	-0.1717					
	3.950	1.295		4.100	1.320									
		0.000			-0.010									
	6.690			6.610										
Backward (1177/60)	5.425	1.265	5.4283	5.250	1.360	5.2533	-19.000	523	0.1750					
	4.170	1.255		3.900	1.350									
		0.010			0.010									
								B+F	***0.0033***					
								Allowable:	***0.0094***					
TP26										**8.1604**	*-0.0067*	12522	-0.0003	***8.1602***
	6.175			5.100										
Forward (1177/6)	4.900	1.275	4.9017	3.820	1.280	3.8200	-1.500	510.5	1.0817					
	3.630	1.270		2.540	1.280									
		0.005			0.000									
	5.050			6.120										
Backward (1177/60)	3.765	1.285	3.7650	4.850	1.270	4.8500	3.000	511	-1.0850					
	2.480	1.285		3.580	1.270									
		0.000			0.000									
								B+F	***-0.0033***					
								Allowable:	***0.0093***					
TP27										**9.2438**	*-0.0100*	13032	-0.0003	***9.2435***

	5.380			6.130										
Forward (1177/6)	4.130	1.250	4.1283	4.890	1.240	4.8900	2.500	498.5	-0.7617					
	2.875	1.255		3.650	1.240									
		-0.005			0.000									
	6.100			5.170										
Backward (1177/60)	4.775	1.325	4.7750	4.010	1.160	4.0100	33.000	497	0.7650					
	3.450	1.325		2.850	1.160									
		0.000			0.000									
								B+F	***0.0033***					
								Allowable:	***0.0092***					
TP28										**8.4804**	*-0.0067*	13530	-0.0003	***8.4801***
	5.570			7.945										
Forward (1177/6)	4.330	1.240	4.3267	6.715	1.230	6.7117	2.000	496	-2.3850					
	3.080	1.250		5.475	1.240									
		-0.010			-0.010									
	8.065			5.675										
Backward (1177/60)	6.820	1.245	6.8217	4.430	1.245	4.4317	0.000	497	2.3900					
	5.580	1.240		3.190	1.240									
		0.005			0.005									
								B+F	***0.0050***					
								Allowable:	***0.0092***					
TP29										**6.0929**	*-0.0017*	14027	-0.0003	***6.0926***
	5.800			5.990										
Forward (1177/6)	4.535	1.265	4.5350	4.705	1.285	4.7067	-3.500	509.5	-0.1717					
	3.270	1.265		3.425	1.280									
		0.000			0.005									
	5.980			5.865										
Backward (1177/60)	4.730	1.250	4.7333	4.565	1.300	4.5650	-11.000	509	0.1683					
	3.490	1.240		3.265	1.300									
		0.010			0.000									
								B+F	***-0.0033***					
								Allowable:	***0.0093***					
TP30										**5.9229**	*-0.0050*	14536	-0.0003	***5.9226***
	6.590			5.980										
Forward (1177/7)	5.310	1.280	5.3100	4.675	1.305	4.6733	-5.500	517.5	0.6367					
	4.030	1.280		3.365	1.310									
		0.000			-0.005									
	6.220			6.930										

Backward (1177/60)	4.960	1.260	4.9617	5.600	1.330	5.5983	-15.000	518	-0.6367					
	3.705	1.255		4.265	1.335									
		0.005			-0.005									
								B+F	***0.0000***					
								Allowable:	***0.0094***					
TP31										**6.5596**	*-0.0050*	15054	-0.0003	***6.5593***
	5.960			6.500										
Forward (1177/7)	4.550	1.410	4.5467	5.030	1.470	5.0333	-10.000	576	-0.4867					
	3.130	1.420		3.570	1.460									
		-0.010			0.010									
	6.405			6.025										
Backward (1177/59)	5.015	1.390	5.0167	4.525	1.500	4.5267	-22.000	577	0.4900					
	3.630	1.385		3.030	1.495									
		0.005			0.005									
								B+F	***0.0033***					
								Allowable:	***0.0099***					
TP32										**6.0713**	*-0.0017*	15630	-0.0003	***6.0709***
	6.515			6.960										
Forward (1177/7)	5.300	1.215	5.2983	5.760	1.200	5.7567	2.500	484.5	-0.4583					
	4.080	1.220		4.550	1.210									
		-0.005			-0.010									
	6.950			6.505										
Backward (1177/59)	5.750	1.200	5.7467	5.290	1.215	5.2883	-2.500	484.5	0.4583					
	4.540	1.210		4.070	1.220									
		-0.010			-0.005									
								B+F	***0.0000***					
								Allowable:	***0.0091***					
TP33										**5.6129**	*-0.0017*	16115	-0.0003	***5.6126***
	6.650			5.770										
Forward (1177/7)	5.400	1.250	5.4000	4.470	1.300	4.4733	-9.000	509	0.9267					
	4.150	1.250		3.180	1.290									
		0.000			0.010									
	5.820			6.720										
Backward (1177/59)	4.530	1.290	4.5333	5.460	1.260	5.4600	5.000	509	-0.9267					
	3.250	1.280		4.200	1.260									
		0.010			0.000									
								B+F	***0.0000***					
								Allowable:	***0.0093***					
TP34										**6.5396**	*-0.0017*	16624	-0.0003	***6.5393***

	6.030			6.850										
Forward (1177/7)	4.790	1.240	4.7933	5.560	1.290	5.5567	-12.000	506	-0.7633					
	3.560	1.230		4.260	1.300									
		0.010			-0.010									
	6.790			6.040										
Backward (1177/59)	5.535	1.255	5.5350	4.765	1.275	4.7650	-4.000	506	0.7700					
	4.280	1.255		3.490	1.275									
		0.000			0.000									
								B+F	***0.0067***					
								Allowable:	***0.0093***					
TP35										**5.7729**	*0.0050*	17130	-0.0004	***5.7726***
	7.025			6.455										
Forward (1177/7)	5.780	1.245	5.7783	5.170	1.285	5.1717	-7.000	506	0.6067					
	4.530	1.250		3.890	1.280									
		-0.005			0.005									
	6.350			6.925										
Backward (1177/59)	5.065	1.285	5.0667	5.670	1.255	5.6717	6.000	507	-0.6050					
	3.785	1.280		4.420	1.250									
		0.005			0.005									
								B+F	***0.0017***					
								Allowable:	***0.0093***					
TP36										**6.3788**	*0.0067*	17636	-0.0004	***6.3784***
	6.130			6.310										
Forward (1177/8)	4.880	1.250	4.8800	5.020	1.290	5.0233	-7.000	507	-0.1433					
	3.630	1.250		3.740	1.280									
		0.000			0.010									
	6.390			6.170										
Backward (1177/59)	5.090	1.300	5.0883	4.940	1.230	4.9400	14.500	506.5	0.1483					
	3.785	1.305		3.710	1.230									
		-0.005			0.000									
								B+F	***0.0050***					
								Allowable:	***0.0093***					
TP37										**6.2329**	*0.0117*	18143	-0.0004	***6.2326***
	5.485			5.730										
Forward (1177/8)	4.600	0.885	4.5983	4.820	0.910	4.8183	-5.000	360	-0.2200					
	3.710	0.890		3.905	0.915									
		-0.005			-0.005									
	5.790			5.560										

Backward (1177/58)	4.890	0.900	4.8867	4.670	0.890	4.6683	2.500	359.5	0.2183					
	3.980	0.910		3.775	0.895									
		-0.010			-0.005									
								B+F	***-0.0017***					
								Allowable:	***0.0078***					
TP38										**6.0138**	*0.0100*	18503	-0.0004	***6.0134***
	6.010			6.700										
Forward (1177/8)	4.710	1.300	4.7100	5.375	1.325	5.3733	-5.500	525.5	-0.6633					
	3.410	1.300		4.045	1.330									
		0.000			-0.005									
	6.605			5.930										
Backward (1177/58)	5.285	1.320	5.2867	4.625	1.305	4.6217	1.500	525.5	0.6650					
	3.970	1.315		3.310	1.315									
		0.005			-0.010									
								B+F	***0.0017***					
								Allowable:	***0.0095***					
TP39										**5.3496**	*0.0117*	19028	-0.0004	***5.3492***
	6.315			6.080										
Forward (1177/8)	5.085	1.230	5.0850	4.810	1.270	4.8100	-8.000	500	0.2750					
	3.855	1.230		3.540	1.270									
		0.000			0.000									
	6.150			6.360										
Backward (1177/58)	4.870	1.280	4.8667	5.145	1.215	5.1450	14.000	500	-0.2783					
	3.580	1.290		3.930	1.215									
		-0.010			0.000									
								B+F	***-0.0033***					
								Allowable:	***0.0092***					
TP40										**5.6263**	*0.0083*	19528	-0.0004	***5.6259***
	5.930			5.840										
Forward (1177/8)	4.665	1.265	4.6667	4.550	1.290	4.5533	-4.500	509.5	0.1133					
	3.405	1.260		3.270	1.280									
		0.005			0.010									
	5.845			6.015										
Backward (1177/58)	4.600	1.245	4.6017	4.710	1.305	4.7100	-12.500	509.5	-0.1083					
	3.360	1.240		3.405	1.305									
		0.005			0.000									
								B+F	***0.0050***					
								Allowable:	***0.0093***					
TP41										**5.7371**	*0.0133*	20038	-0.0004	***5.7367***

	6.360			6.390										
Forward (1177/8)	5.130	1.230	5.1300	5.115	1.275	5.1150	-9.000	501	0.0150					
	3.900	1.230		3.840	1.275									
		0.000			0.000									
	6.000			6.035										
Backward (1177/58)	4.750	1.250	4.7533	4.770	1.265	4.7683	-4.500	502.5	-0.0150					
	3.510	1.240		3.500	1.270									
		0.010			-0.005									
								B+F	***0.0000***					
								Allowable:	***0.0092***					
TP42										**5.7521**	*0.0133*	20539	-0.0004	***5.7517***
	5.710			6.190										
Forward (1177/9)	4.450	1.260	4.4517	4.890	1.300	4.8933	-7.500	510.5	-0.4417					
	3.195	1.255		3.600	1.290									
		0.005			0.010									
	6.150			5.730										
Backward (1177/58)	4.885	1.265	4.8850	4.445	1.285	4.4450	-4.000	510	0.4400					
	3.620	1.265		3.160	1.285									
		0.000			0.000									
								B+F	***-0.0017***					
								Allowable:	***0.0093***					
TP43										**5.3113**	*0.0117*	21050	-0.0004	***5.3108***
	6.200			6.090										
Forward (1177/9)	4.950	1.250	4.9500	4.800	1.290	4.7983	-8.500	508.5	0.1517					
	3.700	1.250		3.505	1.295									
		0.000			-0.005									
	6.160			6.335										
Backward (1177/57)	4.905	1.255	4.9050	5.050	1.285	5.0500	-6.000	508	-0.1450					
	3.650	1.255		3.765	1.285									
		0.000			0.000									
								B+F	***0.0067***					
								Allowable:	***0.0093***					
TP44										**5.4596**	*0.0183*	21558	-0.0005	***5.4591***
	6.110			5.720										
Forward (1177/9)	4.855	1.255	4.8550	4.470	1.250	4.4717	1.500	500.5	0.3833					
	3.600	1.255		3.225	1.245									
		0.000			0.005									
	5.680			6.150										

Backward (1177/57)	4.470	1.210	4.4733	4.850	1.300	4.8533	-18.000	500	-0.3800					
	3.270	1.200		3.560	1.290									
		0.010			0.010									
								B+F	***0.0033***					
								Allowable:	***0.0092***					
TP45										**5.8413**	*0.0217*	22058	-0.0005	***5.8408***
	6.265			6.170										
Forward (1177/9)	5.030	1.235	5.0317	4.920	1.250	4.9233	-2.500	495.5	0.1083					
	3.800	1.230		3.680	1.240									
		0.005			0.010									
	6.300			6.360										
Backward (1177/57)	5.040	1.260	5.0400	5.145	1.215	5.1450	9.000	495	-0.1050					
	3.780	1.260		3.930	1.215									
		0.000			0.000									
								B+F	***0.0033***					
								Allowable:	***0.0092***					
TP46										**5.9479**	*0.0250*	22553	-0.0005	***5.9475***
	6.855			5.580										
Forward (1177/9)	5.650	1.205	5.6483	4.380	1.200	4.3800	1.500	481.5	1.2683					
	4.440	1.210		3.180	1.200									
		-0.005			0.000									
	5.640			6.920										
Backward (1177/57)	4.445	1.195	4.4417	5.705	1.215	5.7067	-2.500	482.5	-1.2650					
	3.240	1.205		4.495	1.210									
		-0.010			0.005									
								B+F	***0.0033***					
								Allowable:	***0.0091***					
TP47										**7.2146**	*0.0283*	23035	-0.0005	***7.2141***
	5.960			6.480										
Forward (1177/9)	4.670	1.290	4.6700	5.190	1.290	5.1933	1.000	515	-0.5233					
	3.380	1.290		3.910	1.280									
		0.000			0.010									
	6.680			6.195										
Backward (1177/57)	5.420	1.260	5.4183	4.885	1.310	4.8833	-10.000	515	0.5350					
	4.155	1.265		3.570	1.315									
		-0.005			-0.005									
								B+F	***0.0117***					
								Allowable:	***0.0094***					
TP48										**6.6854**	*0.0400*	23550	-0.0005	***6.6849***

	6.080			5.520									
Forward (1177/10)	4.750	1.330	4.7483	4.220	1.300	4.2233	7.500	525.5	0.5250				
	3.415	1.335		2.930	1.290								
		-0.005			0.010								
	5.850			6.430									
Backward (1177/57)	4.570	1.280	4.5667	5.080	1.350	5.0833	-12.000	526	-0.5167				
	3.280	1.290		3.740	1.340								
		-0.010			0.010								
								B+F	***0.0083***				
								Allowable:	***0.0095***				
TP49										**7.2063**	*0.0483*	24076	-0.0005	***7.2058***
	7.000			3.050									
Forward (1177/10)	5.720	1.280	5.7167	1.775	1.275	1.7750	2.000	512	3.9417				
	4.430	1.290		0.500	1.275								
		-0.010			0.000								
	3.210			7.130									
Backward (1177/56)	1.930	1.280	1.9300	5.860	1.270	5.8567	1.000	511	-3.9267				
	0.650	1.280		4.580	1.280								
		0.000			-0.010								
								B+F	***0.0150***				
								Allowable:	***0.0093***				
TP50										**11.1404**	*0.0633*	24588	-0.0005	***11.1399***
	5.760			9.770									
Forward (1177/10)	4.490	1.270	4.4900	8.485	1.285	8.4850	-3.000	511	-3.9950				
	3.220	1.270		7.200	1.285								
		0.000			0.000								
	9.970			5.920									
Backward (1177/56)	8.665	1.305	8.6667	4.675	1.245	4.6750	11.500	509.5	3.9917				
	7.365	1.300		3.430	1.245								
		0.005			0.000								
								B+F	***-0.0033***				
								Allowable:	***0.0093***				
TP51										**7.1471**	*0.0600*	25098	-0.0005	***7.1466***
	7.130			7.150									
Forward (1177/10)	5.820	1.310	5.8167	5.790	1.360	5.7900	-9.000	535	0.0267				
	4.500	1.320		4.430	1.360								
		-0.010			0.000								
	7.330			7.370									

Backward (1177/56)	6.000	1.330	6.0000	6.030	1.340	6.0283	-2.500	534.5	-0.0283					
	4.670	1.330		4.685	1.345									
		0.000			-0.005									
								B+F	***-0.0017***					
								Allowable:	***0.0095***					
TP52										**7.1746**	*0.0583*	25633	-0.0005	***7.1741***
	5.130			6.690										
Forward (1177/10)	3.800	1.330	3.7983	5.355	1.335	5.3550	-0.500	533.5	-1.5567					
	2.465	1.335		4.020	1.335									
		-0.005			0.000									
	7.025			5.530										
Backward (1177/56)	5.725	1.300	5.7250	4.165	1.365	4.1650	-13.000	533	1.5600					
	4.425	1.300		2.800	1.365									
		0.000			0.000									
								B+F	***0.0033***					
								Allowable:	***0.0095***					
TP53										**5.6163**	*0.0617*	26166	-0.0006	***5.6157***
	6.855			6.250										
Forward (1177/10)	5.580	1.275	5.5800	4.935	1.315	4.9350	-8.000	518	0.6450					
	4.305	1.275		3.620	1.315									
		0.000			0.000									
	6.550			7.270										
Backward (1177/56)	5.295	1.255	5.2950	5.940	1.330	5.9383	-15.500	517.5	-0.6433					
	4.040	1.255		4.605	1.335									
		0.000			-0.005									
								B+F	***0.0017***					
								Allowable:	***0.0094***					
TP54										**6.2604**	*0.0633*	26684	-0.0006	***6.2599***
	5.220			6.000										
Forward (1177/11)	3.970	1.250	3.9700	4.735	1.265	4.7350	-3.000	503	-0.7650					
	2.720	1.250		3.470	1.265									
		0.000			0.000									
	6.360			5.620										
Backward (1177/56)	5.110	1.250	5.1117	4.345	1.275	4.3467	-5.000	504	0.7650					
	3.865	1.245		3.075	1.270									
		0.005			0.005									
								B+F	***0.0000***					
								Allowable:	***0.0093***					
TP55										**5.4954**	*0.0633*	27187	-0.0006	***5.4949***

	5.740			5.720									
Forward (1177/11)	4.820	0.920	4.8200	4.640	1.080	4.6400	-32.000	400	0.1800				
	3.900	0.920		3.560	1.080								
		0.000			0.000								
	6.060			6.275									
Backward (1177/55)	5.080	0.980	5.0800	5.255	1.020	5.2567	-7.500	399.5	-0.1767				
	4.100	0.980		4.240	1.015								
		0.000			0.005								
								B+F	***0.0033***				
STRUCTURE S-121								***Allowable:***	***0.0083***				
TP56										**5.6738**	*0.0667*	27587	-0.0006	***5.6732***
BM PR 48 1979	6.275			6.260									
Forward (1177/11)	5.430	0.845	5.4300	5.380	0.880	5.3800	-7.000	345	0.0500				
	4.585	0.845		4.500	0.880								
		0.000			0.000								
	6.965			6.975									
Backward (1177/55)	6.050	0.915	6.0483	6.095	0.880	6.0933	7.000	360	-0.0450				
	5.130	0.920		5.210	0.885								
		-0.005			-0.005								
								B+F	***0.0050***				
								Allowable:	***0.0078***				
TP57										**5.7213**	*0.0717*	27939	-0.0006	***5.7207***
	5.410			6.530									
Forward (1177/11)	4.130	1.280	4.1300	5.230	1.300	5.2300	-4.000	516	-1.1000				
	2.850	1.280		3.930	1.300								
		0.000			0.000								
	6.950			5.980									
Backward (1177/55)	5.670	1.280	5.6717	4.575	1.405	4.5750	-25.500	536.5	1.0967				
	4.395	1.275		3.170	1.405								
		0.005			0.000								
								B+F	***-0.0033***				
								Allowable:	***0.0095***				
TP58										**4.6229**	*0.0683*	28466	-0.0006	***4.6223***
	6.760			5.280									
Forward (1177/11)	5.505	1.255	5.5067	3.995	1.285	3.9950	-6.500	507.5	1.5117				
	4.255	1.250		2.710	1.285								
		0.005			0.000								
	5.615			7.150									

Backward (1177/55)	4.350	1.265	4.3533	5.865	1.285	5.8667	-4.500	508.5	-1.5133				
	3.095	1.255		4.585	1.280								
		0.010			0.005								
								B+F	***-0.0017***				
								Allowable:	***0.0093***				
TP59										**6.1354**	*0.0667*	28974	-0.0006	***6.1348***
	7.840			6.850									
Forward (1177/11)	6.620	1.220	6.6167	5.595	1.255	5.5933	-6.500	496.5	1.0233				
	5.390	1.230		4.335	1.260								
		-0.010			-0.005								
	6.810			7.740									
Backward (1177/55)	5.515	1.295	5.5150	6.535	1.205	6.5383	19.000	499	-1.0233				
	4.220	1.295		5.340	1.195								
		0.000			0.010								
								B+F	***0.0000***				
								Allowable:	***0.0092***				
TP60										**7.1588**	*0.0667*	29471	-0.0006	***7.1581***
	5.520			6.290									
Forward (1177/12)	4.455	1.065	4.4533	5.205	1.085	5.2050	-3.500	430.5	-0.7517				
	3.385	1.070		4.120	1.085								
		-0.005			0.000								
	6.395			5.600									
Backward (1177/55)	5.300	1.095	5.3017	4.540	1.060	4.5433	7.500	429.5	0.7583				
	4.210	1.090		3.490	1.050								
		0.005			0.010								
								B+F	***0.0067***				
								Allowable:	***0.0086***				
TP61										**6.4038**	*0.0733*	29901	-0.0006	***6.4031***
	6.510			5.700									
Forward (1177/12)	5.385	1.125	5.3850	4.560	1.140	4.5600	-3.000	453	0.8250				
	4.260	1.125		3.420	1.140								
		0.000			0.000								
	5.750			6.645									
Backward (1177/54)	4.655	1.095	4.6517	5.480	1.165	5.4817	-12.500	452.5	-0.8300				
	3.550	1.105		4.320	1.160								
		-0.010			0.005								
								B+F	***-0.0050***				
								Allowable:	***0.0088***				
TP62										**7.2313**	*0.0683*	30354	-0.0006	***7.2306***

	6.130			6.500										
Forward (1177/12)	5.005	1.125	5.0083	5.370	1.130	5.3700	-2.000	450	-0.3617					
	3.890	1.115		4.240	1.130									
		0.010			0.000									
	6.490			6.130										
Backward (1177/54)	5.365	1.125	5.3667	5.005	1.125	5.0050	-0.500	449.5	0.3617					
	4.245	1.120		3.880	1.125									
		0.005			0.000									
								B+F	***0.0000***					
								Allowable:	***0.0088***					
TP63										**6.8696**	*0.0683*	30804	-0.0006	***6.8690***
	6.180			5.800										
Forward (1177/12)	5.080	1.100	5.0817	4.660	1.140	4.6633	-7.500	446.5						
	3.985	1.095		3.530	1.130									
		0.005			0.010									
TP64														
	6.470			6.640										
	5.340	1.130	5.3367	5.490	1.150	5.4900	-3.000	457	0.2650					
	4.200	1.140		4.340	1.150									
		-0.010			0.000									
	6.400			6.325										
Backward (1177/54)	5.270	1.130	5.2700	5.160	1.165	5.1617	-6.500	458.5						
	4.140	1.130		4.000	1.160									
		0.000			0.005									
TP303														
	5.860			6.290										
	4.770	1.090	4.7683	5.150	1.140	5.1500	-9.500	446.5	-0.2733					
	3.675	1.095		4.010	1.140									
		-0.005			0.000									
								B+F	***-0.0083***					
								Allowable:	***0.0124***					
TP65										**7.1388**	*0.0600*	31708	-0.0007	***7.1381***
	5.765			5.300										
Forward (1177/12)	4.615	1.150	4.6167	4.150	1.150	4.1500	-0.500	459.5	0.4667					
	3.470	1.145		3.000	1.150									
		0.005			0.000									
	5.400			5.910										
Backward (1177/54)	4.270	1.130	4.2700	4.740	1.170	4.7400	-8.000	460	-0.4700					
	3.140	1.130		3.570	1.170									

		0.000			0.000								
								B+F	***-0.0033***				
								Allowable:	***0.0089***				
TP66										**7.6071**	*0.0567*	32168	-0.0007	***7.6064***
	5.475			5.800										
Forward (1177/12)	4.350	1.125	4.3483	4.620	1.180	4.6200	-10.500	461.5	-0.2717					
	3.220	1.130		3.440	1.180									
		-0.005			0.000									
	6.020			5.760										
Backward (1177/54)	4.870	1.150	4.8700	4.595	1.165	4.5950	-3.000	463	0.2750					
	3.720	1.150		3.430	1.165									
		0.000			0.000									
								B+F	***0.0033***				
								Allowable:	***0.0089***				
TP67										**7.3338**	*0.0600*	32630	-0.0007	***7.3331***
	6.210			6.410										
Forward (1177/12)	5.070	1.140	5.0700	5.240	1.170	5.2367	-7.000	463	-0.1667					
	3.930	1.140		4.060	1.180									
		0.000			-0.010									
	6.420			6.335										
Backward (1177/53)	5.300	1.120	5.3000	5.135	1.200	5.1367	-15.500	463.5	0.1633					
	4.180	1.120		3.940	1.195									
		0.000			0.005									
								B+F	***-0.0033***				
								Allowable:	***0.0089***				
TP68										**7.1688**	*0.0567*	33093	-0.0007	***7.1681***
	6.100			5.500										
Forward (1177/12)	4.950	1.150	4.9517	4.340	1.160	4.3400	-2.500	461.5	0.6117					
	3.805	1.145		3.180	1.160									
		0.005			0.000									
	5.290			5.905										
Backward (1177/53)	4.140	1.150	4.1400	4.750	1.155	4.7483	-1.500	461.5	-0.6083					
	2.990	1.150		3.590	1.160									
		0.000			-0.005									
								B+F	***0.0033***				
								Allowable:	***0.0089***				
TP69										**7.7788**	*0.0600*	33555	-0.0007	***7.7781***
	5.770			6.410										
Forward (1177/12)	4.635	1.135	4.6367	5.240	1.170	5.2400	-7.500	460.5	-0.6033					

	3.505	1.130		4.070	1.170									
		0.005			0.000									
	6.450			5.795										
Backward (1177/53)	5.270	1.180	5.2733	4.655	1.140	4.6567	7.500	462.5	0.6167					
	4.100	1.170		3.520	1.135									
		0.010			0.005									
								B+F	***0.0133***					
								Allowable:	***0.0089***					
TP70										**7.1688**	*0.0733*	34016	-0.0007	***7.1681***
	6.740			5.860										
Forward (1177/12)	5.580	1.160	5.5767	4.690	1.170	4.6917	-0.500	466.5	0.8850					
	4.410	1.170		3.525	1.165									
		-0.010			0.005									
	5.940			6.950										
Backward (1177/53)	4.830	1.110	4.8333	5.720	1.230	5.7200	-25.000	467	-0.8867					
	3.730	1.100		4.490	1.230									
		0.010			0.000									
								B+F	***-0.0017***					
								Allowable:	***0.0089***					
TP71										**8.0546**	*0.0717*	34483	-0.0007	***8.0539***
	6.630			5.715										
Forward (1177/12)	5.370	1.260	5.3733	4.440	1.275	4.4383	-4.500	506.5	0.9350					
	4.120	1.250		3.160	1.280									
		0.010			-0.005									
	5.440			6.320										
Backward (1177/53)	4.160	1.280	4.1600	5.090	1.230	5.0917	10.500	501.5	-0.9317					
	2.880	1.280		3.865	1.225									
		0.000			0.005									
								B+F	***0.0033***					
								Allowable:	***0.0093***					
TP72										**8.9879**	*0.0750*	34987	-0.0007	***8.9872***
	5.895			6.340										
Forward (1177/13)	4.620	1.275	4.6233	5.065	1.275	5.0650	-1.000	509	-0.4417					
	3.355	1.265		3.790	1.275									
		0.010			0.000									
	6.135			5.665										
Backward (1177/53)	4.850	1.285	4.8500	4.405	1.260	4.4050	5.000	509	0.4450					
	3.565	1.285		3.145	1.260									

		0.000			0.000									
								B+F	***0.0033***					
								Allowable:	***0.0093***					
TP73										**8.5446**	*0.0783*	35496	-0.0007	***8.5439***
	7.040			6.730										
Forward (1177/13)	5.710	1.330	5.7067	5.380	1.350	5.3800	-3.000	537	0.3267					
	4.370	1.340		4.030	1.350									
		-0.010			0.000									
	5.840			6.170										
Backward (1177/52)	4.505	1.335	4.5050	4.830	1.340	4.8300	-1.000	535	-0.3250					
	3.170	1.335		3.490	1.340									
		0.000			0.000									
								B+F	***0.0017***					
								Allowable:	***0.0096***					
TP74										**8.8704**	*0.0800*	36032	-0.0008	***8.8697***
	6.590			7.045										
Forward (1177/13)	5.320	1.270	5.3200	5.750	1.295	5.7500	-5.000	513	-0.4300					
	4.050	1.270		4.455	1.295									
		0.000			0.000									
	7.200			6.800										
Backward (1177/52)	5.940	1.260	5.9367	5.500	1.300	5.5000	-7.000	513	0.4367					
	4.670	1.270		4.200	1.300									
		-0.010			0.000									
								B+F	***0.0067***					
								Allowable:	***0.0094***					
TP75										**8.4371**	*0.0867*	36545	-0.0008	***8.4363***
	5.690			5.910										
Forward (1177/13)	4.410	1.280	4.4133	4.635	1.275	4.6350	0.000	510	-0.2217					
	3.140	1.270		3.360	1.275									
		0.010			0.000									
	5.890			5.650										
Backward (1177/52)	4.610	1.280	4.6100	4.385	1.265	4.3850	3.000	509	0.2250					
	3.330	1.280		3.120	1.265									
		0.000			0.000									
								B+F	***0.0033***					
								Allowable:	***0.0093***					
TP76										**8.2138**	*0.0900*	37055	-0.0008	***8.2130***
	6.390			6.890										
Forward (1177/13)	5.110	1.280	5.1100	5.640	1.250	5.6367	5.000	507	-0.5267					

	3.830	1.280		4.380	1.260									
		0.000			-0.010									
	6.790			6.290										
Backward (1177/52)	5.540	1.250	5.5400	5.005	1.285	5.0083	-6.000	506	0.5317					
	4.290	1.250		3.730	1.275									
		0.000			0.010									
								B+F	***0.0050***					
								Allowable:	***0.0093***					
TP77										**7.6846**	*0.0950*	37561	-0.0008	***7.6838***
	5.860			6.615										
Forward (1177/13)	4.600	1.260	4.5967	5.340	1.275	5.3417	-1.500	507.5	-0.7450					
	3.330	1.270		4.070	1.270									
		-0.010			0.005									
	6.015			5.240										
Backward (1177/52)	4.740	1.275	4.7383	3.990	1.250	3.9867	4.500	506.5	0.7517					
	3.460	1.280		2.730	1.260									
		-0.005			-0.010									
								B+F	***0.0067***					
								Allowable:	***0.0093***					
TP78										**6.9363**	*0.1017*	38068	-0.0008	***6.9355***
	6.040			5.580										
Forward (1177/14)	4.850	1.190	4.8500	4.370	1.210	4.3733	-3.000	479	0.4767					
	3.660	1.190		3.170	1.200									
		0.000			0.010									
	5.670			6.145										
Backward (1177/52)	4.470	1.200	4.4700	4.950	1.195	4.9517	1.500	478.5	-0.4817					
	3.270	1.200		3.760	1.190									
		0.000			0.005									
								B+F	***-0.0050***					
								Allowable:	***0.0090***					
TP79										**7.4154**	*0.0967*	38547	-0.0008	***7.4146***
	4.475			4.460										
Forward (1177/14)	3.230	1.245	3.2317	3.185	1.275	3.1850	-6.500	503.5	0.0467					
	1.990	1.240		1.910	1.275									
		0.005			0.000									
	4.620			4.620										
Backward (1177/51)	3.340	1.280	3.3367	3.390	1.230	3.3883	10.500	503.5	-0.0517					
	2.050	1.290		2.155	1.235									

		-0.010			-0.005								
								B+F	***-0.0050***				
								Allowable:	***0.0093***				
TP80										**7.4646**	*0.0917*	39050	-0.0008	***7.4638***
	4.845			5.145										
Forward (1177/14)	3.765	1.080	3.7633	4.070	1.075	4.0683	1.000	432	-0.3050					
	2.680	1.085		2.990	1.080									
		-0.005			-0.005									
	5.220			4.870										
Backward (1177/51)	4.120	1.100	4.1200	3.815	1.055	3.8150	9.000	431	0.3050					
	3.020	1.100		2.760	1.055									
		0.000			0.000									
								B+F	***0.0000***				
								Allowable:	***0.0086***				
TP81										**7.1596**	*0.0917*	39482	-0.0008	***7.1588***
	6.420			6.760										
Forward (1177/14)	5.150	1.270	5.1483	5.515	1.245	5.5150	5.500	503.5	-0.3667					
	3.875	1.275		4.270	1.245									
		-0.005			0.000									
	6.710			6.380										
Backward (1177/51)	5.475	1.235	5.4750	5.100	1.280	5.1000	-9.000	503	0.3750					
	4.240	1.235		3.820	1.280									
		0.000			0.000									
								B+F	***0.0083***				
								Allowable:	***0.0093***				
TP82										**6.7888**	*0.1000*	39985	-0.0008	***6.7879***
	5.160			6.260										
Forward (1177/14)	3.930	1.230	3.9267	5.010	1.250	5.0100	-3.000	497	-1.0833					
	2.690	1.240		3.760	1.250									
		-0.010			0.000									
	6.295			5.190										
Backward (1177/51)	5.040	1.255	5.0400	3.960	1.230	3.9583	4.500	497.5	1.0817					
	3.785	1.255		2.725	1.235									
		0.000			-0.005									
								B+F	***-0.0017***				
								Allowable:	***0.0092***				
TP83										**5.7063**	*0.0983*	40482	-0.0009	***5.7054***
	6.140			6.090										
Forward (1177/14)	4.910	1.230	4.9100	4.830	1.260	4.8283	-6.500	498.5	0.0817					

	3.680	1.230		3.565	1.265									
		0.000			-0.005									
	6.240			6.350										
Backward (1177/51)	5.010	1.230	5.0067	5.090	1.260	5.0900	-5.000	499	-0.0833					
	3.770	1.240		3.830	1.260									
		-0.010			0.000									
								B+F	***-0.0017***					
								Allowable:	***0.0092***					
TP84										**5.7888**	*0.0967*	40981	-0.0009	***5.7879***
	6.460			5.290										
Forward (1177/15)	5.200	1.260	5.2033	4.040	1.250	4.0400	1.000	501	1.1633					
	3.950	1.250		2.790	1.250									
		0.010			0.000									
	5.370			6.560										
Backward (1177/51)	4.135	1.235	4.1333	5.290	1.270	5.2933	-5.500	500.5	-1.1600					
	2.895	1.240		4.030	1.260									
		-0.005			0.010									
								B+F	***0.0033***					
								Allowable:	***0.0092***					
TP85										**6.9504**	*0.1000*	41482	-0.0009	***6.9496***
	6.295			6.890										
Forward (1177/15)	5.025	1.270	5.0267	5.600	1.290	5.6000	-4.500	511.5	-0.5733					
	3.760	1.265		4.310	1.290									
		0.005			0.000									
	6.825			6.300										
Backward (1177/50)	5.570	1.255	5.5717	5.000	1.300	4.9983	-10.000	511	0.5733					
	4.320	1.250		3.695	1.305									
		0.005			-0.005									
								B+F	***0.0000***					
								Allowable:	***0.0093***					
TP86										**6.3771**	*0.1000*	41993	-0.0009	***6.3762***
	6.920			6.230										
Forward (1177/15)	5.680	1.240	5.6800	4.980	1.250	4.9800	-2.000	498	0.7000					
	4.440	1.240		3.730	1.250									
		0.000			0.000									
	6.225			6.910										
Backward (1177/50)	4.970	1.255	4.9717	5.670	1.240	5.6700	2.500	498.5	-0.6983					
	3.720	1.250		4.430	1.240									

		0.005			0.000								
								B+F	***0.0017***				
								Allowable:	***0.0092***				
TP87										**7.0763**	*0.1017*	42491	-0.0009	***7.0754***
	5.470			3.840										
Forward (1177/15)	4.400	1.070	4.3967	2.650	1.190	2.6500	-23.000	453	1.7467					
	3.320	1.080		1.460	1.190									
		-0.010			0.000									
	3.800			5.590										
Backward (1177/50)	2.690	1.110	2.6933	4.435	1.155	4.4350	-10.000	452	-1.7417					
	1.590	1.100		3.280	1.155									
		0.010			0.000									
								B+F	***0.0050***				
								Allowable:	***0.0088***				
TP88										**8.8204**	*0.1067*	42944	-0.0009	***8.8195***
	7.570			9.390										
Forward (1177/15)	6.375	1.195	6.3750	8.190	1.200	8.1917	-0.500	478.5	-1.8167					
	5.180	1.195		6.995	1.195									
		0.000			0.005									
	9.585			7.770										
Backward (1177/50)	8.375	1.210	8.3767	6.560	1.210	6.5567	-1.500	484.5	1.8200					
	7.170	1.205		5.340	1.220									
		0.005			-0.010									
								B+F	***0.0033***				
								Allowable:	***0.0091***				
TP89										**7.0021**	*0.1100*	43425	-0.0009	***7.0012***
	4.600			4.930										
Forward (1177/15)	4.490	0.110	4.4883	4.810	0.120	4.8083	-2.000	47	-0.3200					
	4.375	0.115		4.685	0.125									
		-0.005			-0.005									
	5.100			4.760										
Backward (1177/50)	4.975	0.125	4.9733	4.655	0.105	4.6550	4.500	46.5	0.3183					
	4.845	0.130		4.550	0.105									
		-0.005			0.000									
								B+F	***-0.0017***				
WELL SITE C2SW 1								***Allowable:***	***0.0028***				
TP90										**6.6829**	*0.1083*	43472	-0.0009	***6.6820***
BM C2SW1 2002	6.050			5.620										
Forward (1177/16)	4.805	1.245	4.8083	4.380	1.240	4.3767	-1.000	497	0.4317					

	3.570	1.235		3.130	1.250									
		0.010			-0.010									
	5.840			6.250										
Backward (1177/50)	4.595	1.245	4.5950	5.020	1.230	5.0167	2.000	496	-0.4217					
	3.350	1.245		3.780	1.240									
		0.000			-0.010									
								B+F	***0.0100***					
								Allowable:	***0.0092***					
TP91										**7.1096**	*0.1183*	43969	-0.0009	***7.1087***
	6.010			6.660										
Forward (1177/16)	4.780	1.230	4.7783	5.420	1.240	5.4200	-1.500	494.5	-0.6417					
	3.545	1.235		4.180	1.240									
		-0.005			0.000									
	6.895			6.195										
Backward (1177/49)	5.635	1.260	5.6333	4.990	1.205	4.9900	11.500	493.5	0.6433					
	4.370	1.265		3.785	1.205									
		-0.005			0.000									
								B+F	***0.0017***					
								Allowable:	***0.0092***					
TP92										**6.4671**	*0.1200*	44463	-0.0009	***6.4662***
	6.270			4.990										
Forward (1177/16)	4.990	1.280	4.9900	3.690	1.300	3.6933	-3.000	515	1.2967					
	3.710	1.280		2.400	1.290									
		0.000			0.010									
	5.760			7.030										
Backward (1177/49)	4.470	1.290	4.4700	5.760	1.270	5.7600	4.000	512	-1.2900					
	3.180	1.290		4.490	1.270									
		0.000			0.000									
								B+F	***0.0067***					
								Allowable:	***0.0094***					
TP93										**7.7604**	*0.1267*	44976	-0.0009	***7.7595***
	6.200			6.150										
Forward (1177/16)	4.950	1.250	4.9517	4.900	1.250	4.8967	-1.500	500.5	0.0550					
	3.705	1.245		3.640	1.260									
		0.005			-0.010									
	6.160			6.125										
Backward (1177/49)	4.865	1.295	4.8650	4.920	1.205	4.9217	18.500	499.5	-0.0567					
	3.570	1.295		3.720	1.200									

			0.000			0.005								
									B+F	***-0.0017***				
									Allowable:	***0.0092***				
TP94											**7.8163**	*0.1250*	45476	-0.0010	***7.8153***
		5.885			6.470										
Forward (1177/16)		4.605	1.280	4.6067	5.170	1.300	5.1667	-5.500	516.5	-0.5600					
		3.330	1.275		3.860	1.310									
			0.005			-0.010									
		6.610			6.035										
Backward (1177/49)		5.310	1.300	5.3100	4.750	1.285	4.7483	2.500	517.5	0.5617					
		4.010	1.300		3.460	1.290									
			0.000			-0.005									
									B+F	***0.0017***				
									Allowable:	***0.0094***				
TP95											**7.2554**	*0.1267*	45993	-0.0010	***7.2545***
		5.430			5.580										
Forward (1177/16)		4.130	1.300	4.1300	4.305	1.275	4.3067	5.500	514.5	-0.1767					
		2.830	1.300		3.035	1.270									
			0.000			0.005									
		5.635			5.420										
Backward (1177/49)		4.325	1.310	4.3267	4.160	1.260	4.1567	8.500	514.5	0.1700					
		3.020	1.305		2.890	1.270									
			0.005			-0.010									
									B+F	***-0.0067***				
									Allowable:	***0.0094***				
TP96											**7.0821**	*0.1200*	46508	-0.0010	***7.0811***
		5.790			5.680										
Forward (1177/17)		4.530	1.260	4.5283	4.390	1.290	4.3933	-4.500	509.5						
		3.265	1.265		3.110	1.280									
			-0.005			0.010									
	TP97														
		5.610			5.740										
		4.380	1.230	4.3800	4.490	1.250	4.4900	-4.000	496	0.0250					
		3.150	1.230		3.240	1.250									
			0.000			0.000									
		5.935			5.965										
Backward (1177/48)		4.650	1.285	4.6467	4.610	1.355	4.6117	-12.500	528.5						
		3.355	1.295		3.260	1.350									
			-0.010			0.005									

TP270													
	5.900			5.930									
	4.700	1.200	4.7000	4.745	1.185	4.7450	3.000	477	-0.0100				
	3.500	1.200		3.560	1.185								
		0.000			0.000								
								B+F	***0.0150***				
								Allowable:	***0.0131***				
TP98										**7.0996**	*0.1350*	47513	-0.0010	***7.0986***
	5.840			6.180									
Forward (1177/17)	4.570	1.270	4.5717	4.940	1.240	4.9400	5.500	501.5	-0.3683				
	3.305	1.265		3.700	1.240								
		0.005			0.000								
	6.410			6.015									
Backward (1177/48)	5.140	1.270	5.1400	4.780	1.235	4.7767	6.000	502	0.3633				
	3.870	1.270		3.535	1.245								
		0.000			-0.010								
								B+F	***-0.0050***				
								Allowable:	***0.0092***				
TP99										**6.7338**	*0.1300*	48015	-0.0010	***6.7328***
	6.310			6.130									
Forward (1177/17)	4.890	1.420	4.8867	4.770	1.360	4.7667	12.000	558	0.1200				
	3.460	1.430		3.400	1.370								
		-0.010			-0.010								
	6.325			6.460									
Backward (1177/48)	4.945	1.380	4.9433	5.060	1.400	5.0600	-3.500	556.5	-0.1167				
	3.560	1.385		3.660	1.400								
		-0.005			0.000								
								B+F	***0.0033***				
								Allowable:	***0.0097***				
TP100										**6.8521**	*0.1333*	48572	-0.0010	***6.8511***
	5.880			5.690									
Forward (1177/17)	4.620	1.260	4.6233	4.400	1.290	4.3983	-7.500	509.5	0.2250				
	3.370	1.250		3.105	1.295								
		0.010			-0.005								
	5.925			6.080									
Backward (1177/48)	4.615	1.310	4.6167	4.840	1.240	4.8400	13.500	509.5	-0.2233				
	3.310	1.305		3.600	1.240								
		0.005			0.000								
								B+F	***0.0017***				

								Allowable:	***0.0093***				
TP101										**7.0763**	*0.1350*	49082	-0.0010	***7.0752***
	5.750			6.100										
Forward (1177/17)	4.490	1.260	4.4900	4.830	1.270	4.8300	-2.000	506	-0.3400					
	3.230	1.260		3.560	1.270									
		0.000			0.000									
	6.070			5.670										
Backward (1177/48)	4.780	1.290	4.7767	4.435	1.235	4.4350	12.000	506	0.3417					
	3.480	1.300		3.200	1.235									
		-0.010			0.000									
								B+F	***0.0017***					
								Allowable:	***0.0093***					
TP102										**6.7354**	*0.1367*	49588	-0.0010	***6.7344***
	5.900			5.590										
Forward (1177/18)	4.620	1.280	4.6200	4.360	1.230	4.3600	10.000	502	0.2600					
	3.340	1.280		3.130	1.230									
		0.000			0.000									
	5.830			6.120										
Backward (1177/48)	4.590	1.240	4.5900	4.850	1.270	4.8500	-6.000	502	-0.2600					
	3.350	1.240		3.580	1.270									
		0.000			0.000									
								B+F	***0.0000***					
								Allowable:	***0.0093***					
TP103										**6.9954**	*0.1367*	50090	-0.0011	***6.9944***
	6.810			6.880										
Forward (1177/18)	5.560	1.250	5.5600	5.620	1.260	5.6200	-2.000	502	-0.0600					
	4.310	1.250		4.360	1.260									
		0.000			0.000									
	6.230			6.220										
Backward (1177/47)	5.000	1.230	5.0000	4.940	1.280	4.9367	-11.000	503	0.0633					
	3.770	1.230		3.650	1.290									
		0.000			-0.010									
								B+F	***0.0033***					
								Allowable:	***0.0093***					
TP104										**6.9338**	*0.1400*	50592	-0.0011	***6.9327***
	5.710			5.790										
Forward (1177/18)	4.460	1.250	4.4633	4.550	1.240	4.5533	2.000	496	-0.0900					
	3.220	1.240		3.320	1.230									
		0.010			0.010									

	6.140			5.970										
Backward (1177/47)	4.860	1.280	4.8600	4.765	1.205	4.7650	15.000	497	0.0950					
	3.580	1.280		3.560	1.205									
		0.000			0.000									
								B+F	***0.0050***					
								Allowable:	***0.0092***					
TP105										**6.8413**	*0.1450*	51089	-0.0011	***6.8402***
	6.130			5.350										
Forward (1177/18)	4.765	1.365	4.7650	3.960	1.390	3.9600	-5.000	551	0.8050					
	3.400	1.365		2.570	1.390									
		0.000			0.000									
	5.585			6.465										
Backward (1177/47)	4.245	1.340	4.2433	5.050	1.415	5.0517	-14.000	551	-0.8083					
	2.900	1.345		3.640	1.410									
		-0.005			0.005									
								B+F	***-0.0033***					
								Allowable:	***0.0097***					
TP106										**7.6479**	*0.1417*	51640	-0.0011	***7.6468***
	4.995			5.340										
Forward (1177/18)	3.730	1.265	3.7317	4.080	1.260	4.0800	0.500	504.5	-0.3483					
	2.470	1.260		2.820	1.260									
		0.005			0.000									
	5.005			4.680										
Backward (1177/47)	3.760	1.245	3.7567	3.410	1.270	3.4067	-5.000	505	0.3500					
	2.505	1.255		2.130	1.280									
		-0.010			-0.010									
								B+F	***0.0017***					
								Allowable:	***0.0093***					
TP107										**7.2988**	*0.1433*	52144	-0.0011	***7.2977***
	6.180			5.770										
Forward (1177/18)	4.770	1.410	4.7733	4.380	1.390	4.3833	4.000	558	0.3900					
	3.370	1.400		3.000	1.380									
		0.010			0.010									
	5.560			5.965										
Backward (1177/47)	4.170	1.390	4.1717	4.560	1.405	4.5617	-3.000	558	-0.3900					
	2.785	1.385		3.160	1.400									
		0.005			0.005									
								B+F	***0.0000***					

								Allowable:	***0.0098***				
TP108										**7.6888**	*0.1433*	52702	-0.0011	***7.6877***
	6.450			7.220										
Forward (1177/19)	5.170	1.280	5.1700	5.940	1.280	5.9400	0.000	512	-0.7700					
	3.890	1.280		4.660	1.280									
		0.000			0.000									
	6.765			6.060										
Backward (1177/47)	5.530	1.235	5.5283	4.760	1.300	4.7583	-13.000	508	0.7700					
	4.290	1.240		3.455	1.305									
		-0.005			-0.005									
								B+F	***0.0000***					
								Allowable:	***0.0093***					
TP109										**6.9188**	*0.1433*	53212	-0.0011	***6.9176***
	6.280			6.240										
Forward (1177/19)	5.020	1.260	5.0200	4.990	1.250	4.9900	2.000	502	0.0300					
	3.760	1.260		3.740	1.250									
		0.000			0.000									
	5.650			5.690										
Backward (1177/46)	4.400	1.250	4.4000	4.425	1.265	4.4267	-2.500	502.5	-0.0267					
	3.150	1.250		3.165	1.260									
		0.000			0.005									
								B+F	***0.0033***					
								Allowable:	***0.0093***					
TP110										**6.9471**	*0.1467*	53715	-0.0011	***6.9460***
	6.490			6.070										
Forward (1177/19)	5.230	1.260	5.2333	4.770	1.300	4.7733	-8.000	510	0.4600					
	3.980	1.250		3.480	1.290									
		0.010			0.010									
	5.790			6.290										
Backward (1177/46)	4.540	1.250	4.5367	4.990	1.300	4.9933	-8.000	510	-0.4567					
	3.280	1.260		3.700	1.290									
		-0.010			0.010									
								B+F	***0.0033***					
								Allowable:	***0.0093***					
TP111										**7.4054**	*0.1500*	54225	-0.0011	***7.4043***
	6.370			7.060										
Forward (1177/19)	5.140	1.230	5.1400	5.820	1.240	5.8167	-3.000	495	-0.6767					
	3.910	1.230		4.570	1.250									
		0.000			-0.010									

	6.610			5.850										
Backward (1177/46)	5.330	1.280	5.3317	4.650	1.200	4.6533	16.500	494.5	0.6783					
	4.055	1.275		3.460	1.190									
		0.005			0.010									
								B+F	***0.0017***					
								Allowable:	***0.0092***					
TP112										**6.7279**	*0.1517*	54719	-0.0012	***6.7268***
	6.210			6.115										
Forward (1177/19)	4.930	1.280	4.9300	4.850	1.265	4.8483	2.500	509.5	0.0817					
	3.650	1.280		3.580	1.270									
		0.000			-0.005									
	5.910			6.060										
Backward (1177/46)	4.670	1.240	4.6700	4.755	1.305	4.7550	-13.000	509	-0.0850					
	3.430	1.240		3.450	1.305									
		0.000			0.000									
								B+F	***-0.0033***					
								Allowable:	***0.0093***					
TP113										**6.8113**	*0.1483*	55229	-0.0012	***6.8101***
	6.280			5.780										
Forward (1177/19)	5.050	1.230	5.0500	4.520	1.260	4.5233	-5.000	497	0.5267					
	3.820	1.230		3.270	1.250									
		0.000			0.010									
	5.790			6.220										
Backward (1177/46)	4.500	1.290	4.5000	5.025	1.195	5.0250	19.000	497	-0.5250					
	3.210	1.290		3.830	1.195									
		0.000			0.000									
								B+F	***0.0017***					
								Allowable:	***0.0092***					
TP114										**7.3371**	*0.1500*	55726	-0.0012	***7.3359***
	5.205			5.970										
Forward (1177/20)	3.970	1.235	3.9717	4.740	1.230	4.7400	0.500	492.5	-0.7683					
	2.740	1.230		3.510	1.230									
		0.005			0.000									
	5.740			4.825										
Backward (1177/46)	4.420	1.320	4.4183	3.650	1.175	3.6483	29.000	500	0.7700					
	3.095	1.325		2.470	1.180									
		-0.005			-0.005									
								B+F	***0.0017***					

								Allowable:	***0.0092***				
TP115										**6.5679**	*0.1517*	56222	-0.0012	***6.5668***
	6.280			5.510										
Forward (1177/20)	5.060	1.220	5.0600	4.260	1.250	4.2600	-6.000	494	0.8000					
	3.840	1.220		3.010	1.250									
		0.000			0.000									
	5.205			6.015										
Backward (1177/45)	3.970	1.235	3.9717	4.770	1.245	4.7717	-2.000	495	-0.8000					
	2.740	1.230		3.530	1.240									
		0.005			0.005									
								B+F	***0.0000***					
								Allowable:	***0.0092***					
TP116										**7.3679**	*0.1517*	56716	-0.0012	***7.3667***
	6.090			6.960										
Forward (1177/20)	4.640	1.450	4.6433	5.530	1.430	5.5267	2.000	576	-0.8833					
	3.200	1.440		4.090	1.440									
		0.010			-0.010									
	6.545			5.650										
Backward (1177/45)	5.100	1.445	5.1017	4.210	1.440	4.2067	-0.500	577.5	0.8950					
	3.660	1.440		2.760	1.450									
		0.005			-0.010									
								B+F	***0.0117***					
								Allowable:	***0.0099***					
TP117										**6.4788**	*0.1633*	57293	-0.0012	***6.4776***
	7.425			5.725										
Forward (1177/20)	6.205	1.220	6.2033	4.500	1.225	4.5017	0.000	489	1.7017					
	4.980	1.225		3.280	1.220									
		-0.005			0.005									
	5.460			7.190										
Backward (1177/45)	4.245	1.215	4.2483	5.950	1.240	5.9500	-6.000	490	-1.7017					
	3.040	1.205		4.710	1.240									
		0.010			0.000									
								B+F	***0.0000***					
								Allowable:	***0.0091***					
TP118										**8.1804**	*0.1633*	57783	-0.0012	***8.1792***
	6.000			4.990										
Forward (1177/20)	4.750	1.250	4.7500	3.730	1.260	3.7267	-3.000	503	1.0233					
	3.500	1.250		2.460	1.270									
		0.000			-0.010									

	4.940			5.945										
Backward (1177/45)	3.670	1.270	3.6733	4.695	1.250	4.6967	3.500	502.5	-1.0233					
	2.410	1.260		3.450	1.245									
		0.010			0.005									
								B+F	***0.0000***					
								Allowable:	***0.0093***					
TP119										**9.2038**	*0.1633*	58285	-0.0012	***9.2025***
	6.390			7.050										
Forward (1177/20)	5.160	1.230	5.1567	5.835	1.215	5.8350	4.000	490	-0.6783					
	3.920	1.240		4.620	1.215									
		-0.010			0.000									
	6.445			5.750										
Backward (1177/45)	5.210	1.235	5.2117	4.530	1.220	4.5300	2.500	490.5	0.6817					
	3.980	1.230		3.310	1.220									
		0.005			0.000									
								B+F	***0.0033***					
								Allowable:	***0.0091***					
TP120										**8.5238**	*0.1667*	58776	-0.0012	***8.5225***
	5.860			5.080										
Forward (1177/21)	4.620	1.240	4.6200	3.830	1.250	3.8333	-1.000	497	0.7867					
	3.380	1.240		2.590	1.240									
		0.000			0.010									
	4.980			5.650										
Backward (1177/45)	3.685	1.295	3.6850	4.465	1.185	4.4650	22.000	496	-0.7800					
	2.390	1.295		3.280	1.185									
		0.000			0.000									
								B+F	***0.0067***					
								Allowable:	***0.0092***					
TP121										**9.3071**	*0.1733*	59272	-0.0012	***9.3059***
	5.400			5.500										
Forward (1177/21)	4.020	1.380	4.0200	4.140	1.360	4.1367	3.000	549	-0.1167					
	2.640	1.380		2.770	1.370									
		0.000			-0.010									
	5.610			5.475										
Backward (1177/44)	4.230	1.380	4.2300	4.110	1.365	4.1083	2.500	549.5	0.1217					
	2.850	1.380		2.740	1.370									
		0.000			-0.005									
								B+F	***0.0050***					

								Allowable:	***0.0097***				
TP122										**9.1879**	*0.1783*	59821	-0.0013	***9.1867***
	5.040			5.430										
Forward (1177/21)	3.790	1.250	3.7933	4.185	1.245	4.1850	0.000	498	-0.3917					
	2.550	1.240		2.940	1.245									
		0.010			0.000									
	5.410			4.970										
Backward (1177/44)	4.145	1.265	4.1450	3.750	1.220	3.7500	9.000	497	0.3950					
	2.880	1.265		2.530	1.220									
		0.000			0.000									
								B+F	***0.0033***					
								Allowable:	***0.0092***					
TP123										**8.7946**	*0.1817*	60319	-0.0013	***8.7933***
	4.430			6.130										
Forward (1177/21)	3.160	1.270	3.1633	4.890	1.240	4.8900	5.000	501	-1.7267					
	1.900	1.260		3.650	1.240									
		0.010			0.000									
	6.150			4.345										
Backward (1177/44)	4.860	1.290	4.8633	3.130	1.215	3.1317	14.500	499.5	1.7317					
	3.580	1.280		1.920	1.210									
		0.010			0.005									
								B+F	***0.0050***					
								Allowable:	***0.0092***					
TP124										**7.0654**	*0.1867*	60819	-0.0013	***7.0642***
	4.110			5.095										
Forward (1177/21)	2.920	1.190	2.9200	3.890	1.205	3.8917	-2.500	478.5	-0.9717					
	1.730	1.190		2.690	1.200									
		0.000			0.005									
	5.870			4.940										
Backward (1177/44)	4.695	1.175	4.6950	3.715	1.225	3.7167	-9.500	479.5	0.9783					
	3.520	1.175		2.495	1.220									
		0.000			0.005									
								B+F	***0.0067***					
								Allowable:	***0.0090***					
TP125										**6.0904**	*0.1933*	61298	-0.0013	***6.0891***
	6.580			6.310										
Forward (1177/21)	5.310	1.270	5.3100	5.060	1.250	5.0600	4.000	504	0.2500					
	4.040	1.270		3.810	1.250									
		0.000			0.000									

	6.660			6.970										
Backward (1177/44)	5.430	1.230	5.4300	5.680	1.290	5.6767	-13.000	505	-0.2467					
	4.200	1.230		4.380	1.300									
		0.000			-0.010									
								B+F	***0.0033***					
								Allowable:	***0.0093***					
TP126										**6.3388**	*0.1967*	61803	-0.0013	***6.3375***
	4.540			4.330										
Forward (1177/22)	3.280	1.260	3.2767	3.075	1.255	3.0750	2.000	504	0.2017					
	2.010	1.270		1.820	1.255									
		-0.010			0.000									
	6.220			6.440										
Backward (1177/44)	4.975	1.245	4.9750	5.180	1.260	5.1833	-2.000	500	-0.2083					
	3.730	1.245		3.930	1.250									
		0.000			0.010									
								B+F	***-0.0067***					
								Allowable:	***0.0093***					
TP127										**6.5438**	*0.1900*	62305	-0.0013	***6.5425***
	7.510			5.990										
Forward (1177/22)	6.480	1.030	6.4767	4.950	1.040	4.9533	0.000	414	1.5233					
	5.440	1.040		3.920	1.030									
		-0.010			0.010									
	6.110			7.610										
Backward (1177/43)	5.045	1.065	5.0467	6.570	1.040	6.5700	4.500	420.5	-1.5233					
	3.985	1.060		5.530	1.040									
		0.005			0.000									
								B+F	***0.0000***					
								Allowable:	***0.0084***					
TP128										**8.0671**	*0.1900*	62722	-0.0013	***8.0658***
	6.170			6.525										
Forward (1177/22)	4.920	1.250	4.9233	5.325	1.200	5.3250	9.000	489	-0.4017					
	3.680	1.240		4.125	1.200									
		0.010			0.000									
	6.720			6.170										
Backward (1177/43)	5.425	1.295	5.4250	5.020	1.150	5.0200	29.000	489	0.4050					
	4.130	1.295		3.870	1.150									
		0.000			0.000									
								B+F	***0.0033***					

								Allowable:	***0.0091***				
TP129										**7.6638**	*0.1933*	63211	-0.0013	***7.6624***
	6.060			4.605										
Forward (1177/22)	5.300	0.760	5.3000	3.865	0.740	3.8650	4.000	300	1.4350					
	4.540	0.760		3.125	0.740									
		0.000			0.000									
	4.690			6.130										
Backward (1177/43)	3.940	0.750	3.9400	5.380	0.750	5.3767	-1.000	301	-1.4367					
	3.190	0.750		4.620	0.760									
		0.000			-0.010									
								B+F	***-0.0017***					
								Allowable:	***0.0072***					
TP130										**9.0996**	*0.1917*	63511	-0.0013	***9.0983***
	6.640			8.030										
Forward (1177/22)	5.870	0.770	5.8700	7.245	0.785	7.2483	-2.000	310	-1.3783					
	5.100	0.770		6.470	0.775									
		0.000			0.010									
	7.960			6.630										
Backward (1177/43)	7.200	0.760	7.2033	5.830	0.800	5.8300	-9.000	311	1.3733					
	6.450	0.750		5.030	0.800									
		0.010			0.000									
								B+F	***-0.0050***					
STRUCTURE S-380								***Allowable:***	***0.0073***					
TP131										**7.7238**	*0.1867*	63822	-0.0013	***7.7224***
BM T-5	6.430			6.475										
Forward (1177/22)	5.570	0.860	5.5700	5.630	0.845	5.6317	3.500	340.5	-0.0617					
	4.710	0.860		4.790	0.840									
		0.000			0.005									
	6.140			6.060										
Backward (1177/43)	5.285	0.855	5.2850	5.220	0.840	5.2200	3.000	339	0.0650					
	4.430	0.855		4.380	0.840									
		0.000			0.000									
								B+F	***0.0033***					
								Allowable:	***0.0076***					
TP132										**7.6604**	*0.1900*	64162	-0.0013	***7.6591***
	9.725			8.315										
Forward (1177/23)	8.450	1.275	8.4483	7.070	1.245	7.0717	7.000	504	1.3767					
	7.170	1.280		5.830	1.240									
		-0.005			0.005									

	8.480			9.880										
Backward (1177/43)	7.230	1.250	7.2333	8.610	1.270	8.6100	-5.000	503	-1.3767					
	5.990	1.240		7.340	1.270									
		0.010			0.000									
								B+F	***0.0000***					
								Allowable:	***0.0093***					
TP133										**9.0371**	*0.1900*	64665	-0.0014	***9.0357***
	3.610			5.745										
Forward (1177/23)	2.350	1.260	2.3467	4.500	1.245	4.4983	3.500	502.5	-2.1517					
	1.080	1.270		3.250	1.250									
		-0.010			-0.005									
	5.790			3.580										
Backward (1177/42)	4.510	1.280	4.5100	2.350	1.230	2.3500	10.000	502	2.1600					
	3.230	1.280		1.120	1.230									
		0.000			0.000									
								B+F	***0.0083***					
								Allowable:	***0.0093***					
TP134										**6.8813**	*0.1983*	65167	-0.0014	***6.8799***
	7.030			6.830										
Forward (1177/23)	5.815	1.215	5.8150	5.600	1.230	5.6000	-3.000	489	0.2150					
	4.600	1.215		4.370	1.230									
		0.000			0.000									
	6.930			7.040										
Backward (1177/42)	5.660	1.270	5.6567	5.870	1.170	5.8700	21.000	489	-0.2133					
	4.380	1.280		4.700	1.170									
		-0.010			0.000									
								B+F	***0.0017***					
								Allowable:	***0.0091***					
TP135										**7.0954**	*0.2000*	65656	-0.0014	***7.0941***
	6.470			6.545										
Forward (1177/23)	5.235	1.235	5.2333	5.290	1.255	5.2883	-4.000	499	-0.0550					
	3.995	1.240		4.030	1.260									
		-0.005			-0.005									
	6.540			6.475										
Backward (1177/42)	5.285	1.255	5.2850	5.230	1.245	5.2317	2.500	499.5	0.0533					
	4.030	1.255		3.990	1.240									
		0.000			0.005									
								B+F	***-0.0017***					

								Allowable:	***0.0092***				
TP136										**7.0413**	*0.1983*	66156	-0.0014	***7.0399***
	6.560			7.185										
Forward (1177/23)	5.320	1.240	5.3233	5.940	1.245	5.9383	-2.500	496.5	-0.6150					
	4.090	1.230		4.690	1.250									
		0.010			-0.005									
	7.200			6.535										
Backward (1177/42)	5.935	1.265	5.9350	5.315	1.220	5.3167	9.500	496.5	0.6183					
	4.670	1.265		4.100	1.215									
		0.000			0.005									
								B+F	***0.0033***					
								Allowable:	***0.0092***					
TP137										**6.4246**	*0.2017*	66652	-0.0014	***6.4232***
	7.160			6.110										
Forward (1177/23)	5.860	1.300	5.8600	4.805	1.305	4.8050	-1.000	521	1.0550					
	4.560	1.300		3.500	1.305									
		0.000			0.000									
	6.170			7.250										
Backward (1177/42)	4.880	1.290	4.8833	5.940	1.310	5.9367	-6.000	520	-1.0533					
	3.600	1.280		4.620	1.320									
		0.010			-0.010									
								B+F	***0.0017***					
								Allowable:	***0.0094***					
TP138										**7.4788**	*0.2033*	67173	-0.0014	***7.4774***
	6.170			6.060										
Forward (1177/24)	4.945	1.225	4.9450	4.840	1.220	4.8400	1.000	489	0.1050					
	3.720	1.225		3.620	1.220									
		0.000			0.000									
	6.020			6.130										
Backward (1177/42)	4.800	1.220	4.8033	4.905	1.225	4.9050	-2.000	488	-0.1017					
	3.590	1.210		3.680	1.225									
		0.010			0.000									
								B+F	***0.0033***					
								Allowable:	***0.0091***					
TP139										**7.5821**	*0.2067*	67661	-0.0014	***7.5807***
	6.280			6.230										
Forward (1177/24)	5.140	1.140	5.1400	5.070	1.160	5.0700	-4.000	460	0.0700					
	4.000	1.140		3.910	1.160									
		0.000			0.000									

	6.110			6.145										
Backward (1177/41)	4.945	1.165	4.9450	5.010	1.135	5.0083	5.500	460.5	-0.0633					
	3.780	1.165		3.870	1.140									
		0.000			-0.005									
								B+F	***0.0067***					
								Allowable:	***0.0089***					
TP140										**7.6488**	*0.2133*	68121	-0.0014	***7.6473***
	5.855			6.270										
Forward (1177/24)	4.625	1.230	4.6250	5.020	1.250	5.0183	-4.500	496.5	-0.3933					
	3.395	1.230		3.765	1.255									
		0.000			-0.005									
	6.210			5.700										
Backward (1177/41)	4.910	1.300	4.9100	4.515	1.185	4.5167	23.500	496.5	0.3933					
	3.610	1.300		3.335	1.180									
		0.000			0.005									
								B+F	***0.0000***					
								Allowable:	***0.0092***					
TP141										**7.2554**	*0.2133*	68618	-0.0014	***7.2540***
	4.840			5.070										
Forward (1177/24)	3.790	1.050	3.7900	4.040	1.030	4.0367	3.000	417	-0.2467					
	2.740	1.050		3.000	1.040									
		0.000			-0.010									
	4.910			4.675										
Backward (1177/41)	3.875	1.035	3.8750	3.620	1.055	3.6217	-3.500	417.5	0.2533					
	2.840	1.035		2.570	1.050									
		0.000			0.005									
								B+F	***0.0067***					
								Allowable:	***0.0084***					
TP142										**7.0054**	*0.2200*	69035	-0.0015	***7.0040***
	6.530			6.780										
Forward (1177/24)	5.340	1.190	5.3383	5.570	1.210	5.5700	-3.500	480.5	-0.2317					
	4.145	1.195		4.360	1.210									
		-0.005			0.000									
	6.640			6.475										
Backward (1177/41)	5.475	1.165	5.4767	5.235	1.240	5.2367	-15.000	480	0.2400					
	4.315	1.160		4.000	1.235									
		0.005			0.005									
								B+F	***0.0083***					

							Allowable:	***0.0090***					
TP143									**6.7696**	*0.2283*	69515	-0.0015	***6.7681***
	6.465			5.070									
Forward (1177/24)	5.255	1.210	5.2567	3.870	1.200	3.8733	2.500	480.5	1.3833				
	4.050	1.205		2.680	1.190								
		0.005			0.010								
	4.945			6.350									
Backward (1177/41)	3.760	1.185	3.7583	5.140	1.210	5.1367	-5.500	480.5	-1.3783				
	2.570	1.190		3.920	1.220								
		-0.005			-0.010								
							B+F	***0.0050***					
							Allowable:	***0.0091***					
TP144									**8.1504**	*0.2333*	69996	-0.0015	***8.1490***
	5.560			6.780									
Forward (1177/25)	4.310	1.250	4.3067	5.540	1.240	5.5400	3.000	499	-1.2333				
	3.050	1.260		4.300	1.240								
		-0.010			0.000								
	6.910			5.645									
Backward (1177/41)	5.650	1.260	5.6500	4.410	1.235	4.4117	5.500	498.5	1.2383				
	4.390	1.260		3.180	1.230								
		0.000			0.005								
							B+F	***0.0050***					
							Allowable:	***0.0092***					
TP145									**6.9146**	*0.2383*	70495	-0.0015	***6.9131***
	7.060			6.290									
Forward (1177/25)	5.790	1.270	5.7900	5.030	1.260	5.0317	2.500	505.5	0.7583				
	4.520	1.270		3.775	1.255								
		0.000			0.005								
	6.265			7.010									
Backward (1177/40)	5.000	1.265	5.0000	5.750	1.260	5.7500	1.000	505	-0.7500				
	3.735	1.265		4.490	1.260								
		0.000			0.000								
							B+F	***0.0083***					
							Allowable:	***0.0093***					
TP146									**7.6688**	*0.2467*	71000	-0.0015	***7.6673***
	5.460			5.390									
Forward (1177/25)	4.550	0.910	4.5500	4.500	0.890	4.4967	3.000	361	0.0533				
	3.640	0.910		3.600	0.900								
		0.000			-0.010								

	5.320			5.385										
Backward (1177/40)	4.420	0.900	4.4200	4.480	0.905	4.4783	-1.500	361.5	-0.0583					
	3.520	0.900		3.570	0.910									
		0.000			-0.005									
								B+F	***-0.0050***					
								Allowable:	***0.0078***					
TP147										**7.7246**	*0.2417*	71361	-0.0015	***7.7231***
	8.530			5.390										
Forward (1177/25)	7.295	1.235	7.2967	4.160	1.230	4.1633	1.500	491.5	3.1333					
	6.065	1.230		2.940	1.220									
		0.005			0.010									
	5.335			8.410										
Backward (1177/40)	4.075	1.260	4.0750	7.205	1.205	7.2083	12.000	492	-3.1333					
	2.815	1.260		6.010	1.195									
		0.000			0.010									
								B+F	***0.0000***					
								Allowable:	***0.0092***					
TP148										**10.8579**	*0.2417*	71853	-0.0015	***10.8564***
	5.040			6.770										
Forward (1177/25)	4.135	0.905	4.1350	5.860	0.910	5.8600	-1.000	363	-1.7250					
	3.230	0.905		**4.950**	0.910									
		0.000			0.000									
	6.700			4.860										
Backward (1177/40)	5.735	0.965	5.7367	4.005	0.855	4.0050	21.500	363.5	1.7317					
	4.775	0.960		3.150	0.855									
		0.005			0.000									
								B+F	***0.0067***					
								Allowable:	***0.0079***					
TP149										**9.1296**	*0.2483*	72216	-0.0015	***9.1281***
	4.170			5.190										
Forward (1177/25)	2.890	1.280	2.8933	3.920	1.270	3.9200	1.000	509	-1.0267					
	1.620	1.270		2.650	1.270									
		0.010			0.000									
	5.340			4.310										
Backward (1177/40)	4.070	1.270	4.0700	3.040	1.270	3.0400	0.000	508	1.0300					
	2.800	1.270		1.770	1.270									
		0.000			0.000									
								B+F	***0.0033***					

								Allowable:	***0.0093***				
TP150										**8.1013**	*0.2517*	72725	-0.0015	***8.0997***
	5.960			6.470										
Forward (1177/26)	4.630	1.330	4.6300	5.160	1.310	5.1633	5.000	527	-0.5333					
	3.300	1.330		3.860	1.300									
		0.000			0.010									
	6.520			6.060										
Backward (1177/40)	5.240	1.280	5.2417	4.700	1.360	4.7000	-16.500	527.5	0.5417					
	3.965	1.275		3.340	1.360									
		0.005			0.000									
								B+F	***0.0083***					
								Allowable:	***0.0095***					
TP151										**7.5638**	*0.2600*	73252	-0.0015	***7.5622***
	6.735			6.660										
Forward (1177/26)	5.475	1.260	5.4733	5.350	1.310	5.3483	-10.000	515	0.1250					
	4.210	1.265		4.035	1.315									
		-0.005			-0.005									
	6.745			6.840										
Backward (1177/39)	5.440	1.305	5.4400	5.570	1.270	5.5700	7.000	515	-0.1300					
	4.135	1.305		4.300	1.270									
		0.000			0.000									
								B+F	***-0.0050***					
								Allowable:	***0.0094***					
TP152										**7.6913**	*0.2550*	73767	-0.0016	***7.6897***
	6.280			6.670										
Forward (1177/26)	5.030	1.250	5.0300	5.410	1.260	5.4100	-2.000	502	-0.3800					
	3.780	1.250		4.150	1.260									
		0.000			0.000									
	6.655			6.300										
Backward (1177/39)	5.410	1.245	5.4117	5.030	1.270	5.0317	-5.000	502	0.3800					
	4.170	1.240		3.765	1.265									
		0.005			0.005									
								B+F	***0.0000***					
								Allowable:	***0.0093***					
TP153										**7.3113**	*0.2550*	74269	-0.0016	***7.3097***
	6.290			5.990										
Forward (1177/26)	4.960	1.330	4.9583	4.630	1.360	4.6317	-5.000	538	0.3267					
	3.625	1.335		3.275	1.355									
		-0.005			0.005									

	5.920			6.260										
Backward (1177/39)	4.585	1.335	4.5850	4.910	1.350	4.9067	-4.000	538	-0.3217					
	3.250	1.335		3.550	1.360									
		0.000			-0.010									
								B+F	***0.0050***					
								Allowable:	***0.0096***					
TP154										**7.6354**	*0.2600*	74807	-0.0016	***7.6339***
	6.250			6.320										
Forward (1177/26)	5.030	1.220	5.0300	5.045	1.275	5.0467	-10.500	498.5	-0.0167					
	3.810	1.220		3.775	1.270									
		0.000			0.005									
	6.410			6.350										
Backward (1177/39)	5.145	1.265	5.1450	5.130	1.220	5.1267	8.000	498	0.0183					
	3.880	1.265		3.900	1.230									
		0.000			-0.010									
								B+F	***0.0017***					
								Allowable:	***0.0092***					
TP155										**7.6179**	*0.2617*	75305	-0.0016	***7.6163***
	6.660			6.740										
Forward (1177/26)	5.330	1.330	5.3267	5.410	1.330	5.4083	0.500	533.5	-0.0817					
	3.990	1.340		4.075	1.335									
		-0.010			-0.005									
	6.670			6.600										
Backward (1177/39)	5.345	1.325	5.3417	5.260	1.340	5.2600	-2.000	534	0.0817					
	4.010	1.335		3.920	1.340									
		-0.010			0.000									
								B+F	***0.0000***					
								Allowable:	***0.0095***					
TP156										**7.5363**	*0.2617*	75839	-0.0016	***7.5347***
	6.280			5.410										
Forward (1177/27)	5.030	1.250	5.0300	4.160	1.250	4.1600	0.000	500	0.8700					
	3.780	1.250		2.910	1.250									
		0.000			0.000									
	5.430			6.265										
Backward (1177/39)	4.165	1.265	4.1650	5.030	1.235	5.0317	6.500	499.5	-0.8667					
	2.900	1.265		3.800	1.230									
		0.000			0.005									
								B+F	***0.0033***					

								Allowable:	***0.0092***				
TP157										**8.4046**	*0.2650*	76339	-0.0016	***8.4030***
	5.870			7.090										
Forward (1177/27)	4.645	1.225	4.6417	5.840	1.250	5.8367	-5.000	497	-1.1950					
	3.410	1.235		4.580	1.260									
		-0.010			-0.010									
	6.995			5.700										
Backward (1177/38)	5.705	1.290	5.7067	4.505	1.195	4.5050	18.500	496.5	1.2017					
	4.420	1.285		3.310	1.195									
		0.005			0.000									
								B+F	***0.0067***					
								Allowable:	***0.0092***					
TP158										**7.2063**	*0.2717*	76835	-0.0016	***7.2047***
	6.700			5.965										
Forward (1177/27)	5.550	1.150	5.5500	4.795	1.170	4.7950	-4.000	464	0.7550					
	4.400	1.150		3.625	1.170									
		0.000			0.000									
	6.070			6.790										
Backward (1177/38)	4.890	1.180	4.8933	5.650	1.140	5.6467	6.000	464	-0.7533					
	3.720	1.170		4.500	1.150									
		0.010			-0.010									
								B+F	***0.0017***					
								Allowable:	***0.0089***					
TP159										**7.9604**	*0.2733*	77299	-0.0016	***7.9588***
	6.145			6.105										
Forward (1177/27)	4.930	1.215	4.9317	4.900	1.205	4.9017	2.000	483	0.0300					
	3.720	1.210		3.700	1.200									
		0.005			0.005									
	6.105			6.165										
Backward (1177/38)	4.915	1.190	4.9167	4.940	1.225	4.9400	-7.500	482.5	-0.0233					
	3.730	1.185		3.715	1.225									
		0.005			0.000									
								B+F	***0.0067***					
								Allowable:	***0.0091***					
TP160										**7.9871**	*0.2800*	77782	-0.0016	***7.9855***
	5.890			6.535										
Forward (1177/27)	4.610	1.280	4.6133	5.235	1.300	5.2367	-4.500	514.5	-0.6233					
	3.340	1.270		3.940	1.295									
		0.010			0.005									

	6.440			5.845										
Backward (1177/38)	5.170	1.270	5.1683	4.545	1.300	4.5433	-6.000	515	0.6250					
	3.895	1.275		3.240	1.305									
		-0.005			-0.005									
								B+F	***0.0017***					
								Allowable:	***0.0094***					
TP161										**7.3629**	*0.2817*	78297	-0.0016	***7.3613***
	6.850			5.750										
Forward (1177/27)	5.650	1.200	5.6467	4.530	1.220	4.5317	-2.500	484.5	1.1150					
	4.440	1.210		3.315	1.215									
		-0.010			0.005									
	5.765			6.910										
Backward (1177/38)	4.570	1.195	4.5717	5.680	1.230	5.6800	-7.500	484.5	-1.1083					
	3.380	1.190		4.450	1.230									
		0.005			0.000									
								B+F	***0.0067***					
								Allowable:	***0.0091***					
TP162										**8.4746**	*0.2883*	78781	-0.0017	***8.4729***
	5.530			6.570										
Forward (1177/28)	4.290	1.240	4.2900	5.320	1.250	5.3233	-1.000	497	-1.0333					
	3.050	1.240		4.080	1.240									
		0.000			0.010									
	6.540			5.440										
Backward (1177/38)	5.265	1.275	5.2667	4.225	1.215	4.2283	12.500	496.5	1.0383					
	3.995	1.270		3.020	1.205									
		0.005			0.010									
								B+F	***0.0050***					
								Allowable:	***0.0092***					
TP163										**7.4388**	*0.2933*	79278	-0.0017	***7.4371***
	6.830			5.750										
Forward (1177/28)	5.580	1.250	5.5800	4.500	1.250	4.4983	-0.500	500.5	1.0817					
	4.330	1.250		3.245	1.255									
		0.000			-0.005									
	5.750			6.800										
Backward (1177/37)	4.480	1.270	4.4800	5.570	1.230	5.5667	7.000	501	-1.0867					
	3.210	1.270		4.330	1.240									
		0.000			-0.010									
								B+F	***-0.0050***					

								Allowable:	***0.0092***				
TP164										**8.5229**	*0.2883*	79779	-0.0017	***8.5213***
	5.325			6.175										
Forward (1177/28)	4.100	1.225	4.0967	4.970	1.205	4.9683	4.500	487.5	-0.8717					
	2.865	1.235		3.760	1.210									
		-0.010			-0.005									
	6.210			5.345										
Backward (1177/37)	5.000	1.210	5.0000	4.120	1.225	4.1217	-2.500	486.5	0.8783					
	3.790	1.210		2.900	1.220									
		0.000			0.005									
								B+F	***0.0067***					
								Allowable:	***0.0091***					
TP165										**7.6479**	*0.2950*	80266	-0.0017	***7.6462***
	6.930			7.120										
Forward (1177/28)	5.710	1.220	5.7100	5.890	1.230	5.8867	-3.000	491	-0.1767					
	4.490	1.220		4.650	1.240									
		0.000			-0.010									
	7.190			6.870										
Backward (1177/37)	5.900	1.290	5.9000	5.710	1.160	5.7067	25.000	491	0.1933					
	4.610	1.290		4.540	1.170									
		0.000			-0.010									
								B+F	***0.0167***					
								Allowable:	***0.0091***					
TP166										**7.4629**	*0.3117*	80757	-0.0017	***7.4612***
	5.845			5.550										
Forward (1177/28)	4.690	1.155	4.6917	4.400	1.150	4.3983	0.000	461	0.2933					
	3.540	1.150		3.245	1.155									
		0.005			-0.005									
	5.740			5.980										
Backward (1177/37)	4.560	1.180	4.5600	4.850	1.130	4.8517	10.500	461.5	-0.2917					
	3.380	1.180		3.725	1.125									
		0.000			0.005									
								B+F	***0.0017***					
								Allowable:	***0.0089***					
TP167										**7.7554**	*0.3133*	81218	-0.0017	***7.7537***
	6.970			7.220										
Forward (1177/28)	5.730	1.240	5.7300	5.960	1.260	5.9567	-5.000	501	-0.2267					
	4.490	1.240		4.690	1.270									
		0.000			-0.010									

	7.225			6.990										
Backward (1177/37)	5.970	1.255	5.9683	5.740	1.250	5.7367	0.500	502.5	0.2317					
	4.710	1.260		4.480	1.260									
		-0.005			-0.010									
								B+F	***0.0050***					
								Allowable:	***0.0092***					
TP168										**7.5263**	*0.3183*	81720	-0.0017	***7.5245***
	6.180			5.480										
Forward (1177/29)	4.935	1.245	4.9367	4.240	1.240	4.2400	0.500	496.5	0.6967					
	3.695	1.240		3.000	1.240									
		0.005			0.000									
	5.460			6.070										
Backward (1177/37)	4.180	1.280	4.1783	4.870	1.200	4.8733	17.500	495.5	-0.6950					
	2.895	1.285		3.680	1.190									
		-0.005			0.010									
								B+F	***0.0017***					
								Allowable:	***0.0092***					
TP169										**8.2221**	*0.3200*	82216	-0.0017	***8.2204***
	5.420			6.350										
Forward (1177/29)	4.115	1.305	4.1167	5.040	1.310	5.0400	-1.500	522.5	-0.9233					
	2.815	1.300		3.730	1.310									
		0.005			0.000									
	6.445			5.475										
Backward (1177/36)	5.120	1.325	5.1183	4.190	1.285	4.1883	8.000	523	0.9300					
	3.790	1.330		2.900	1.290									
		-0.005			-0.005									
								B+F	***0.0067***					
								Allowable:	***0.0094***					
TP170										**7.2954**	*0.3267*	82739	-0.0017	***7.2937***
	4.410			3.335										
Forward (1177/29)	3.170	1.240	3.1717	2.070	1.265	2.0717	-5.000	500	1.1000					
	1.935	1.235		0.810	1.260									
		0.005			0.005									
	4.480			5.500										
Backward (1177/36)	3.190	1.290	3.1900	4.280	1.220	4.2833	15.000	501	-1.0933					
	1.900	1.290		3.070	1.210									
		0.000			0.010									
								B+F	***0.0067***					

									Allowable:	***0.0092***				
TP171											**8.3921**	*0.3333*	83239	-0.0018	***8.3903***
		5.140			5.720										
Forward (1177/29)		3.820	1.320	3.8200	4.410	1.310	4.4100	2.000	526						
		2.500	1.320		3.100	1.310									
			0.000			0.000									
	TP172														
		6.260			5.550										
		4.980	1.280	4.9817	4.245	1.305	4.2450	-5.500	516.5						
		3.705	1.275		2.940	1.305									
			0.005			0.000									
	TP173														
		6.305			5.875										
		5.040	1.265	5.0400	4.570	1.305	4.5717	-7.500	513.5						
		3.775	1.265		3.270	1.300									
			0.000			0.005									
	TP174														
		5.380			5.570										
		4.060	1.320	4.0633	4.260	1.310	4.2600	1.000	525						
		2.750	1.310		2.950	1.310									
			0.010			0.000									
	TP175														
		5.560			5.650										
		4.300	1.260	4.3000	4.360	1.290	4.3617	-5.500	509.5						
		3.040	1.260		3.075	1.285									
			0.000			0.005									
	TP176														
		5.480			5.500										
		4.230	1.250	4.2300	4.240	1.260	4.2367	-3.000	503						
		2.980	1.250		2.970	1.270									
			0.000			-0.010									
	TP177														
		5.445			5.530										
		4.170	1.275	4.1683	4.230	1.300	4.2300	-4.500	515.5						
		2.890	1.280		2.930	1.300									
			-0.005			0.000									
	TP178														
		5.740			5.635										
		4.470	1.270	4.4733	4.360	1.275	4.3617	-1.500	507.5						
		3.210	1.260		3.090	1.270									
			0.010			0.005									
	TP179														

	5.845			5.810					
	4.575	1.270	4.5750	4.520	1.290	4.5200	-4.000	512	
	3.305	1.270		3.230	1.290				
		0.000			0.000				
TP180									
	5.445			5.520					
	4.185	1.260	4.1850	4.245	1.275	4.2450	-3.000	507	
	2.925	1.260		2.970	1.275				
		0.000			0.000				
TP181									
	5.390			6.050					
	4.145	1.245	4.1433	4.790	1.260	4.7883	-3.000	502	
	2.895	1.250		3.525	1.265				
		-0.005			-0.005				
TP182									
	4.520			4.020					
	4.295	0.225	4.2950	3.790	0.230	3.7900	-1.000	91	0.2550
	4.070	0.225		3.560	0.230				
		0.000			0.000				
	5.250			5.715					
Backward run (1177/31)	3.945	1.305	3.9417	4.390	1.325	4.3917	-2.500	526.5	
	2.630	1.315		3.070	1.320				
		-0.010			0.005				
TP184									
	5.630			5.530					
	4.390	1.240	4.3933	4.280	1.250	4.2833	-2.000	496	
	3.160	1.230		3.040	1.240				
		0.010			0.010				
TP185									
	5.805			5.960					
	4.560	1.245	4.5583	4.730	1.230	4.7300	3.500	495.5	
	3.310	1.250		3.500	1.230				
		-0.005			0.000				
TP186									
	5.380			5.310					
	4.130	1.250	4.1300	4.060	1.250	4.0600	0.000	500	
	2.880	1.250		2.810	1.250				
		0.000			0.000				
TP187									
	5.190			5.285					
	3.940	1.250	3.9433	4.040	1.245	4.0417	0.500	497.5	

	2.700	1.240		2.800	1.240				
		0.010			0.005				
TP188									
	5.170			5.080					
	3.930	1.240	3.9300	3.840	1.240	3.8400	0.000	496	
	2.690	1.240		2.600	1.240				
		0.000			0.000				
TP189									
	5.425			5.400					
	4.200	1.225	4.1983	4.165	1.235	4.1650	-1.500	492.5	
	2.970	1.230		2.930	1.235				
		-0.005			0.000				
TP190									
	5.280			5.510					
	4.040	1.240	4.0400	4.250	1.260	4.2500	-4.000	500	
	2.800	1.240		2.990	1.260				
		0.000			0.000				
TP191									
	5.885			5.570					
	4.635	1.250	4.6333	4.330	1.240	4.3333	3.500	497.5	
	3.380	1.255		3.100	1.230				
		-0.005			0.010				
TP192									
	5.270			5.420					
	4.030	1.240	4.0333	4.190	1.230	4.1917	1.500	492.5	
	2.800	1.230		2.965	1.225				
		0.010			0.005				
TP193									
	5.470			5.290					
	4.250	1.220	4.2500	4.070	1.220	4.0700	0.000	488	
	3.030	1.220		2.850	1.220				
		0.000			0.000				
TP194									
	5.880			6.370					
	4.645	1.235	4.6450	5.150	1.220	5.1533	4.000	490	
	3.410	1.235		3.940	1.210				
		0.000			0.010				
TP195									
	5.070			4.510					
	4.425	0.645	4.4217	3.835	0.675	3.8367	-4.500	264.5	-0.2283
	3.770	0.655		3.165	0.670				
		-0.010			0.005				

			B+F	***0.0267***				
			Allowable:	***0.0319***				
TP183 BM N 33 (Publ.)					**8.6338**	*0.3653*	89222	***-0.0019***	***8.6319***
(1177/31)						*(Miles):*	16.90		
						Allowable misclosure:	***0.1233***		
						Actual misclosure (A-O):	***-0.0019***		
	Total no. of setups:	368				"Misclosure per setup":	*0.0010*		

JOB# ***16434.00*** PARTY CHIEF **Peters** DATE: **3/24/05-4/21/05** Datum: **NGVD 29** FIELD BOOK **1177** PG **2-65**

Bench Mark/Section	*BS threads*	*Intervals, difference*	*Mean thread*	*FS threads*	*Intervals, difference*	*Mean thread*	*Sight distance imbalance (setup)*	*Total sight distance (setup)*	*Difference in elevation and B+F partials (misclosure)*	***Unadjusted elevation (based on mean of forward and backward runs)***	*Cumulative partials*	*Cumulative section length*	*Adjustment*	***Published and final adjusted elevations***
BM V 269 (Published)										**15.9900**	*0*	0	0	***15.9900***
	2.970			4.870										
Forward (1177/2)	2.680	0.290	2.6767	4.570	0.300	4.5700	-1.000	119	-1.8933					
	2.380	0.300		4.270	0.300									
		-0.010			0.000									
	4.830			2.900										
Backward (1177/65)	4.515	0.315	4.5150	2.630	0.270	2.6300	9.000	117	1.8850					
	4.200	0.315		2.360	0.270									
		0.000			0.000									
								B+F	***-0.0083***					
								Allowable:	***0.0045***					
TP1										**14.1008**	*-0.0083*	118	0.0000	***14.1009***
	4.610			6.905										
Forward (1177/2)	3.300	1.310	3.3000	5.610	1.295	5.6083	2.500	521.5	-2.3083					
	1.990	1.310		4.310	1.300									
		0.000			-0.005									
	6.995			4.715										
Backward (1177/65)	5.705	1.290	5.7050	3.400	1.315	3.3983	-5.500	521.5	2.3067					
	4.415	1.290		2.080	1.320									
		0.000			-0.005									
								B+F	***-0.0017***					
								Allowable:	***0.0094***					
TP2										**11.7933**	*-0.0100*	640	0.0001	***11.7935***
	5.840			5.570										
Forward (1177/2)	4.570	1.270	4.5683	4.305	1.265	4.3050	1.500	507.5	0.2633					
	3.295	1.275		3.040	1.265									
		-0.005			0.000									
	5.600			5.830										
Backward (1177/64)	4.310	1.290	4.3117	4.570	1.260	4.5717	6.000	509	-0.2600					
	3.025	1.285		3.315	1.255									
		0.005			0.005									

								B+F	***0.0033***				
								Allowable:	***0.0093***				
TP3										**12.0550**	*-0.0067*	1148	0.0002	***12.0552***
	5.270			5.740										
Forward (1177/2)	4.030	1.240	4.0317	4.490	1.250	4.4900	-2.500	497.5	-0.4583					
	2.795	1.235		3.240	1.250									
		0.005			0.000									
	5.960			5.425										
Backward (1177/64)	4.680	1.280	4.6800	4.215	1.210	4.2167	14.500	497.5	0.4633					
	3.400	1.280		3.010	1.205									
		0.000			0.005									
								B+F	***0.0050***				
								Allowable:	***0.0092***				
TP4										**11.5942**	*-0.0017*	1645	0.0003	***11.5945***
	6.850			6.280										
Forward (1177/2)	5.565	1.285	5.5633	4.930	1.350	4.9300	-12.500	527.5	0.6333					
	4.275	1.290		3.580	1.350									
		-0.005			0.000									
	6.460			6.960										
Backward (1177/64)	5.075	1.385	5.0750	5.710	1.250	5.7100	27.000	527	-0.6350					
	3.690	1.385		4.460	1.250									
		0.000			0.000									
								B+F	***-0.0017***				
								Allowable:	***0.0095***				
TP5										**12.2283**	*-0.0033*	2173	0.0004	***12.2288***
	7.430			6.370										
Forward (1177/2)	6.120	1.310	6.1200	5.025	1.345	5.0217	-8.000	532						
	4.810	1.310		3.670	1.355									
		0.000			-0.010									
TP6														
	5.290			5.910										
	4.065	1.225	4.0667	4.690	1.220	4.6867	-0.500	489.5	0.4783					
	2.845	1.220		3.460	1.230									
		0.005			-0.010									
TP7														
	6.180			5.605										
Backward (1177/64)	4.930	1.250	4.9333	4.420	1.185	4.4217	12.500	485.5						
	3.690	1.240		3.240	1.180									
		0.010			0.005									
TP362														

	6.410			7.225										
	4.980	1.430	4.9800	5.975	1.250	5.9733	35.500	536.5	-0.4817					
	3.550	1.430		4.720	1.255									
		0.000			-0.005									
								B+F	***-0.0033***					
								Allowable:	***0.0132***					
TP7										**12.7083**	*-0.0067*	3194	0.0007	***12.7090***
	6.350			5.860										
Forward (1177/3)	5.090	1.260	5.0900	4.640	1.220	4.6400	8.000	496	0.4500					
	3.830	1.260		3.420	1.220									
		0.000			0.000									
	5.905			6.345										
Backward (1177/64)	4.665	1.240	4.6633	5.110	1.235	5.1117	2.000	495	-0.4483					
	3.420	1.245		3.880	1.230									
		-0.005			0.005									
								B+F	***0.0017***					
								Allowable:	***0.0092***					
TP8										**13.1575**	*-0.0050*	3690	0.0008	***13.1583***
	5.970			5.805										
Forward (1177/3)	4.745	1.225	4.7450	4.425	1.380	4.4250	-31.000	521	0.3200					
	3.520	1.225		3.045	1.380									
		0.000			0.000									
	5.125			5.495										
Backward (1177/63)	3.840	1.285	3.8417	4.165	1.330	4.1667	-9.000	522	-0.3250					
	2.560	1.280		2.840	1.325									
		0.005			0.005									
								B+F	***-0.0050***					
								Allowable:	***0.0094***					
TP9										**13.4800**	*-0.0100*	4211	0.0009	***13.4809***
	4.820			6.060										
Forward (1177/3)	3.650	1.170	3.6500	4.870	1.190	4.8700	-4.000	472	-1.2200					
	2.480	1.170		3.680	1.190									
		0.000			0.000									
	6.710			5.470										
Backward (1177/63)	5.530	1.180	5.5333	4.305	1.165	4.3033	1.500	468.5	1.2300					
	4.360	1.170		3.135	1.170									
		0.010			-0.005									
								B+F	***0.0100***					
								Allowable:	***0.0090***					

TP10										**12.2550**	*0.0000*	4682	0.0010	***12.2560***
	5.125			6.600										
Forward (1177/3)	3.905	1.220	3.9067	5.365	1.235	5.3650	-3.500	490.5	-1.4583					
	2.690	1.215		4.130	1.235									
		0.005			0.000									
	6.850			5.425										
Backward (1177/63)	5.630	1.220	5.6333	4.185	1.240	4.1867	-4.500	490.5	1.4467					
	4.420	1.210		2.950	1.235									
		0.010			0.005									
								B+F	***-0.0117***					
								Allowable:	***0.0091***					
TP11										**10.8025**	*-0.0117*	5172	0.0011	***10.8036***
	6.880			5.830										
Forward (1177/3)	5.670	1.210	5.6667	4.590	1.240	4.5900	-5.000	491	1.0767					
	4.450	1.220		3.350	1.240									
		-0.010			0.000									
	5.965			7.050										
Backward (1177/63)	4.750	1.215	4.7483	5.820	1.230	5.8183	-3.000	490	-1.0700					
	3.530	1.220		4.585	1.235									
		-0.005			-0.005									
								B+F	***0.0067***					
								Allowable:	***0.0091***					
TP12										**11.8758**	*-0.0050*	5663	0.0012	***11.8770***
	7.150			3.000										
Forward (1177/4)	5.910	1.240	5.9067	1.615	1.385	1.6133	-28.500	526.5	4.2933					
	4.660	1.250		0.225	1.390									
		-0.010			-0.005									
	3.430			7.470										
Backward (1177/63)	2.000	1.430	2.0000	6.290	1.180	6.2867	49.000	523	-4.2867					
	0.570	1.430		5.100	1.190									
		0.000			-0.010									
								B+F	***0.0067***					
								Allowable:	***0.0095***					
TP13										**16.1658**	*0.0017*	6187	0.0013	***16.1671***
BM FCE 1471	2.210			10.185										
Forward (1177/4)	1.235	0.975	1.2317	9.130	1.055	9.1300	-15.000	407	-7.8983					
	0.250	0.985		8.075	1.055									
		-0.010			0.000									

	10.045			2.145										
Backward (1177/63)	9.025	1.020	9.0250	1.125	1.020	1.1267	0.500	407.5	7.8983					
	8.005	1.020		0.110	1.015									
		0.000			0.005									
								B+F	***0.0000***					
								Allowable:	***0.0083***					
TP14										**8.2675**	*0.0017*	6595	0.0014	***8.2689***
	4.610			6.195										
Forward (1177/4)	3.690	0.920	3.6933	5.300	0.895	5.2983	3.500	362.5	-1.6050					
	2.780	0.910		4.400	0.900									
		0.010			-0.005									
	6.220			4.645										
Backward (1177/62)	5.330	0.890	5.3300	3.720	0.925	3.7217	-6.500	362.5	1.6083					
	4.440	0.890		2.800	0.920									
		0.000			0.005									
								B+F	***0.0033***					
WELL SITE C2SW2								***Allowable:***	***0.0079***					
TP15										**6.6608**	*0.0050*	6957	0.0014	***6.6623***
BM C2SW2 2002	6.070			5.850										
Forward (1177/4)	5.080	0.990	5.0783	4.850	1.000	4.8500	-1.500	398.5	0.2283					
	4.085	0.995		3.850	1.000									
		-0.005			0.000									
	5.780			6.010										
Backward (1177/62)	4.790	0.990	4.7900	5.015	0.995	5.0133	-1.500	397.5	-0.2233					
	3.800	0.990		4.015	1.000									
		0.000			-0.005									
								B+F	***0.0050***					
								Allowable:	***0.0082***					
TP16										**6.8867**	*0.0100*	7355	0.0015	***6.8882***
	10.915			7.920										
Forward (1177/4)	9.740	1.175	9.7383	6.730	1.190	6.7300	-2.500	473.5	3.0083					
	8.560	1.180		5.540	1.190									
		-0.005			0.000									
	8.060			11.125										
Backward (1177/62)	6.905	1.155	6.9083	9.935	1.190	9.9350	-8.000	468	-3.0267					
	5.760	1.145		8.745	1.190									
		0.010			0.000									
								B+F	***-0.0183***					
								Allowable:	***0.0090***					

TP17										**9.9042**	*-0.0083*	7826	0.0016	***9.9058***
	3.515			5.400										
Forward (1177/4)	2.240	1.275	2.2417	4.130	1.270	4.1267	-0.500	509.5	-1.8850					
	0.970	1.270		2.850	1.280									
		0.005			-0.010									
	5.190			3.280										
Backward (1177/62)	3.920	1.270	3.9200	2.030	1.250	2.0300	4.000	504	1.8900					
	2.650	1.270		0.780	1.250									
		0.000			0.000									
								B+F	***0.0050***					
								Allowable:	***0.0093***					
TP18										**8.0167**	*-0.0033*	8333	0.0017	***8.0184***
	7.840			6.130										
Forward (1177/5)	6.340	1.500	6.3367	4.630	1.500	4.6333	2.000	600	1.7033					
	4.830	1.510		3.140	1.490									
		-0.010			0.010									
	5.060			5.860										
Backward (1177/62)	4.320	0.740	4.3200	5.070	0.790	5.0717	-9.500	305.5						
	3.580	0.740		4.285	0.785									
		0.000			0.005									
TP349														
	5.980			6.980										
	5.250	0.730	5.2500	6.220	0.760	6.2167	-7.000	299	-1.7183					
	4.520	0.730		5.450	0.770									
		0.000			-0.010									
								B+F	***-0.0150***					
								Allowable:	***0.0101***					
TP19										**9.7275**	*-0.0183*	8935	0.0018	***9.7293***
	8.340			6.020										
Forward (1177/5)	7.140	1.200	7.1433	4.795	1.225	4.7950	-6.000	484	2.3483					
	5.950	1.190		3.570	1.225									
		0.010			0.000									
	6.150			8.565										
Backward (1177/61)	4.970	1.180	4.9700	7.325	1.240	7.3233	-12.500	484.5	-2.3533					
	3.790	1.180		6.080	1.245									
		0.000			-0.005									
								B+F	***-0.0050***					
								Allowable:	***0.0091***					
TP20										**12.0783**	*-0.0233*	9419	0.0019	***12.0803***

	6.830			6.260										
Forward (1177/5)	5.595	1.235	5.5950	5.010	1.250	5.0100	-3.000	497	0.5850					
	4.360	1.235		3.760	1.250									
		0.000			0.000									
	6.265			6.815										
Backward (1177/61)	5.010	1.255	5.0083	5.595	1.220	5.5933	7.000	496	-0.5850					
	3.750	1.260		4.370	1.225									
		-0.005			-0.005									
								B+F	***0.0000***					
								Allowable:	***0.0092***					
TP21										**12.6633**	*-0.0233*	9916	0.0020	***12.6654***
	5.900			5.695										
Forward (1177/5)	4.515	1.385	4.5117	4.265	1.430	4.2650	-8.000	564	0.2467					
	3.120	1.395		2.835	1.430									
		-0.010			0.000									
	5.680			5.880										
Backward (1177/61)	4.250	1.430	4.2500	4.490	1.390	4.4917	8.500	563.5	-0.2417					
	2.820	1.430		3.105	1.385									
		0.000			0.005									
								B+F	***0.0050***					
								Allowable:	***0.0098***					
TP22										**12.9075**	*-0.0183*	10479	0.0022	***12.9097***
	5.685			6.175										
Forward (1177/5)	4.440	1.245	4.4417	4.910	1.265	4.9117	-4.000	501	-0.4700					
	3.200	1.240		3.650	1.260									
		0.005			0.005									
	6.190			5.685										
Backward (1177/61)	4.920	1.270	4.9200	4.440	1.245	4.4417	5.500	502.5	0.4783					
	3.650	1.270		3.200	1.240									
		0.000			0.005									
								B+F	***0.0083***					
								Allowable:	***0.0092***					
TP23										**12.4333**	*-0.0100*	10981	0.0023	***12.4356***
	5.940			7.130										
Forward (1177/5)	4.665	1.275	4.6650	5.865	1.265	5.8650	2.000	508	-1.2000					
	3.390	1.275		4.600	1.265									
		0.000			0.000									
	7.330			6.155										

Backward (1177/61)	6.070	1.260	6.0667	4.870	1.285	4.8683	-4.500	510.5	1.1983					
	4.800	1.270		3.580	1.290									
		-0.010			-0.005									
								B+F	***-0.0017***					
								Allowable:	***0.0093***					
TP24										**11.2342**	*-0.0117*	11490	0.0024	***11.2365***
	6.460			7.800										
Forward (1177/6)	5.180	1.280	5.1800	6.545	1.255	6.5417	4.000	508	-1.3617					
	3.900	1.280		5.280	1.265									
		0.000			-0.010									
	7.820			6.425										
Backward (1177/61)	6.535	1.285	6.5317	5.170	1.255	5.1683	6.500	509.5	1.3633					
	5.240	1.295		3.910	1.260									
		-0.010			-0.005									
								B+F	***0.0017***					
								Allowable:	***0.0093***					
TP25										**9.8717**	*-0.0100*	11999	0.0025	***9.8741***
	6.540			6.730										
Forward (1177/6)	5.245	1.295	5.2450	5.420	1.310	5.4167	-4.000	522	-0.1717					
	3.950	1.295		4.100	1.320									
		0.000			-0.010									
	6.690			6.610										
Backward (1177/60)	5.425	1.265	5.4283	5.250	1.360	5.2533	-19.000	523	0.1750					
	4.170	1.255		3.900	1.350									
		0.010			0.010									
								B+F	***0.0033***					
								Allowable:	***0.0094***					
TP26										**9.6983**	*-0.0067*	12522	0.0026	***9.7009***
	6.175			5.100										
Forward (1177/6)	4.900	1.275	4.9017	3.820	1.280	3.8200	-1.500	510.5	1.0817					
	3.630	1.270		2.540	1.280									
		0.005			0.000									
	5.050			6.120										
Backward (1177/60)	3.765	1.285	3.7650	4.850	1.270	4.8500	3.000	511	-1.0850					
	2.480	1.285		3.580	1.270									
		0.000			0.000									
								B+F	***-0.0033***					
								Allowable:	***0.0093***					
TP27										**10.7817**	*-0.0100*	13032	0.0027	***10.7843***

	5.380			6.130										
Forward (1177/6)	4.130	1.250	4.1283	4.890	1.240	4.8900	2.500	498.5	-0.7617					
	2.875	1.255		3.650	1.240									
		-0.005			0.000									
	6.100			5.170										
Backward (1177/60)	4.775	1.325	4.7750	4.010	1.160	4.0100	33.000	497	0.7650					
	3.450	1.325		2.850	1.160									
		0.000			0.000									
								B+F	***0.0033***					
								Allowable:	***0.0092***					
TP28										**10.0183**	*-0.0067*	13530	0.0028	***10.0211***
	5.570			7.945										
Forward (1177/6)	4.330	1.240	4.3267	6.715	1.230	6.7117	2.000	496	-2.3850					
	3.080	1.250		5.475	1.240									
		-0.010			-0.010									
	8.065			5.675										
Backward (1177/60)	6.820	1.245	6.8217	4.430	1.245	4.4317	0.000	497	2.3900					
	5.580	1.240		3.190	1.240									
		0.005			0.005									
								B+F	***0.0050***					
								Allowable:	***0.0092***					
TP29										**7.6308**	*-0.0017*	14027	0.0029	***7.6337***
	5.800			5.990										
Forward (1177/6)	4.535	1.265	4.5350	4.705	1.285	4.7067	-3.500	509.5	-0.1717					
	3.270	1.265		3.425	1.280									
		0.000			0.005									
	5.980			5.865										
Backward (1177/60)	4.730	1.250	4.7333	4.565	1.300	4.5650	-11.000	509	0.1683					
	3.490	1.240		3.265	1.300									
		0.010			0.000									
								B+F	***-0.0033***					
								Allowable:	***0.0093***					
TP30										**7.4608**	*-0.0050*	14536	0.0030	***7.4638***
	6.590			5.980										
Forward (1177/7)	5.310	1.280	5.3100	4.675	1.305	4.6733	-5.500	517.5	0.6367					
	4.030	1.280		3.365	1.310									
		0.000			-0.005									
	6.220			6.930										

Backward (1177/60)	4.960	1.260	4.9617	5.600	1.330	5.5983	-15.000	518	-0.6367					
	3.705	1.255		4.265	1.335									
		0.005			-0.005									
								B+F	***0.0000***					
								Allowable:	***0.0094***					
TP31										**8.0975**	*-0.0050*	15054	0.0031	***8.1006***
	5.960			6.500										
Forward (1177/7)	4.550	1.410	4.5467	5.030	1.470	5.0333	-10.000	576	-0.4867					
	3.130	1.420		3.570	1.460									
		-0.010			0.010									
	6.405			6.025										
Backward (1177/59)	5.015	1.390	5.0167	4.525	1.500	4.5267	-22.000	577	0.4900					
	3.630	1.385		3.030	1.495									
		0.005			0.005									
								B+F	***0.0033***					
								Allowable:	***0.0099***					
TP32										**7.6092**	*-0.0017*	15630	0.0032	***7.6124***
	6.515			6.960										
Forward (1177/7)	5.300	1.215	5.2983	5.760	1.200	5.7567	2.500	484.5	-0.4583					
	4.080	1.220		4.550	1.210									
		-0.005			-0.010									
	6.950			6.505										
Backward (1177/59)	5.750	1.200	5.7467	5.290	1.215	5.2883	-2.500	484.5	0.4583					
	4.540	1.210		4.070	1.220									
		-0.010			-0.005									
								B+F	***0.0000***					
								Allowable:	***0.0091***					
TP33										**7.1508**	*-0.0017*	16115	0.0033	***7.1541***
	6.650			5.770										
Forward (1177/7)	5.400	1.250	5.4000	4.470	1.300	4.4733	-9.000	509	0.9267					
	4.150	1.250		3.180	1.290									
		0.000			0.010									
	5.820			6.720										
Backward (1177/59)	4.530	1.290	4.5333	5.460	1.260	5.4600	5.000	509	-0.9267					
	3.250	1.280		4.200	1.260									
		0.010			0.000									
								B+F	***0.0000***					
								Allowable:	***0.0093***					
TP34										**8.0775**	*-0.0017*	16624	0.0034	***8.0809***

	6.030			6.850										
Forward (1177/7)	4.790	1.240	4.7933	5.560	1.290	5.5567	-12.000	506	-0.7633					
	3.560	1.230		4.260	1.300									
		0.010			-0.010									
	6.790			6.040										
Backward (1177/59)	5.535	1.255	5.5350	4.765	1.275	4.7650	-4.000	506	0.7700					
	4.280	1.255		3.490	1.275									
		0.000			0.000									
								B+F	***0.0067***					
								Allowable:	***0.0093***					
TP35										**7.3108**	*0.0050*	17130	0.0035	***7.3144***
	7.025			6.455										
Forward (1177/7)	5.780	1.245	5.7783	5.170	1.285	5.1717	-7.000	506	0.6067					
	4.530	1.250		3.890	1.280									
		-0.005			0.005									
	6.350			6.925										
Backward (1177/59)	5.065	1.285	5.0667	5.670	1.255	5.6717	6.000	507	-0.6050					
	3.785	1.280		4.420	1.250									
		0.005			0.005									
								B+F	***0.0017***					
								Allowable:	***0.0093***					
TP36										**7.9167**	*0.0067*	17636	0.0036	***7.9203***
	6.130			6.310										
Forward (1177/8)	4.880	1.250	4.8800	5.020	1.290	5.0233	-7.000	507	-0.1433					
	3.630	1.250		3.740	1.280									
		0.000			0.010									
	6.390			6.170										
Backward (1177/59)	5.090	1.300	5.0883	4.940	1.230	4.9400	14.500	506.5	0.1483					
	3.785	1.305		3.710	1.230									
		-0.005			0.000									
								B+F	***0.0050***					
								Allowable:	***0.0093***					
TP37										**7.7708**	*0.0117*	18143	0.0037	***7.7746***
	5.485			5.730										
Forward (1177/8)	4.600	0.885	4.5983	4.820	0.910	4.8183	-5.000	360	-0.2200					
	3.710	0.890		3.905	0.915									
		-0.005			-0.005									
	5.790			5.560										

Backward (1177/58)	4.890	0.900	4.8867	4.670	0.890	4.6683	2.500	359.5	0.2183					
	3.980	0.910		3.775	0.895									
		-0.010			-0.005									
								B+F	***-0.0017***					
								Allowable:	***0.0078***					
TP38										**7.5517**	*0.0100*	18503	0.0038	***7.5555***
	6.010			6.700										
Forward (1177/8)	4.710	1.300	4.7100	5.375	1.325	5.3733	-5.500	525.5	-0.6633					
	3.410	1.300		4.045	1.330									
		0.000			-0.005									
	6.605			5.930										
Backward (1177/58)	5.285	1.320	5.2867	4.625	1.305	4.6217	1.500	525.5	0.6650					
	3.970	1.315		3.310	1.315									
		0.005			-0.010									
								B+F	***0.0017***					
								Allowable:	***0.0095***					
TP39										**6.8875**	*0.0117*	19028	0.0039	***6.8914***
	6.315			6.080										
Forward (1177/8)	5.085	1.230	5.0850	4.810	1.270	4.8100	-8.000	500	0.2750					
	3.855	1.230		3.540	1.270									
		0.000			0.000									
	6.150			6.360										
Backward (1177/58)	4.870	1.280	4.8667	5.145	1.215	5.1450	14.000	500	-0.2783					
	3.580	1.290		3.930	1.215									
		-0.010			0.000									
								B+F	***-0.0033***					
								Allowable:	***0.0092***					
TP40										**7.1642**	*0.0083*	19528	0.0040	***7.1682***
	5.930			5.840										
Forward (1177/8)	4.665	1.265	4.6667	4.550	1.290	4.5533	-4.500	509.5	0.1133					
	3.405	1.260		3.270	1.280									
		0.005			0.010									
	5.845			6.015										
Backward (1177/58)	4.600	1.245	4.6017	4.710	1.305	4.7100	-12.500	509.5	-0.1083					
	3.360	1.240		3.405	1.305									
		0.005			0.000									
								B+F	***0.0050***					
								Allowable:	***0.0093***					
TP41										**7.2750**	*0.0133*	20038	0.0041	***7.2791***

	6.360			6.390										
Forward (1177/8)	5.130	1.230	5.1300	5.115	1.275	5.1150	-9.000	501	0.0150					
	3.900	1.230		3.840	1.275									
		0.000			0.000									
	6.000			6.035										
Backward (1177/58)	4.750	1.250	4.7533	4.770	1.265	4.7683	-4.500	502.5	-0.0150					
	3.510	1.240		3.500	1.270									
		0.010			-0.005									
								B+F	***0.0000***					
								Allowable:	***0.0092***					
TP42										**7.2900**	*0.0133*	20539	0.0042	***7.2942***
	5.710			6.190										
Forward (1177/9)	4.450	1.260	4.4517	4.890	1.300	4.8933	-7.500	510.5	-0.4417					
	3.195	1.255		3.600	1.290									
		0.005			0.010									
	6.150			5.730										
Backward (1177/58)	4.885	1.265	4.8850	4.445	1.285	4.4450	-4.000	510	0.4400					
	3.620	1.265		3.160	1.285									
		0.000			0.000									
								B+F	***-0.0017***					
								Allowable:	***0.0093***					
TP43										**6.8492**	*0.0117*	21050	0.0043	***6.8535***
	6.200			6.090										
Forward (1177/9)	4.950	1.250	4.9500	4.800	1.290	4.7983	-8.500	508.5	0.1517					
	3.700	1.250		3.505	1.295									
		0.000			-0.005									
	6.160			6.335										
Backward (1177/57)	4.905	1.255	4.9050	5.050	1.285	5.0500	-6.000	508	-0.1450					
	3.650	1.255		3.765	1.285									
		0.000			0.000									
								B+F	***0.0067***					
								Allowable:	***0.0093***					
TP44										**6.9975**	*0.0183*	21558	0.0044	***7.0019***
	6.110			5.720										
Forward (1177/9)	4.855	1.255	4.8550	4.470	1.250	4.4717	1.500	500.5	0.3833					
	3.600	1.255		3.225	1.245									
		0.000			0.005									
	5.680			6.150										

Backward (1177/57)	4.470	1.210	4.4733	4.850	1.300	4.8533	-18.000	500	-0.3800					
	3.270	1.200		3.560	1.290									
		0.010			0.010									
								B+F	***0.0033***					
								Allowable:	***0.0092***					
TP45										**7.3792**	*0.0217*	22058	0.0045	***7.3837***
	6.265			6.170										
Forward (1177/9)	5.030	1.235	5.0317	4.920	1.250	4.9233	-2.500	495.5	0.1083					
	3.800	1.230		3.680	1.240									
		0.005			0.010									
	6.300			6.360										
Backward (1177/57)	5.040	1.260	5.0400	5.145	1.215	5.1450	9.000	495	-0.1050					
	3.780	1.260		3.930	1.215									
		0.000			0.000									
								B+F	***0.0033***					
								Allowable:	***0.0092***					
TP46										**7.4858**	*0.0250*	22553	0.0046	***7.4905***
	6.855			5.580										
Forward (1177/9)	5.650	1.205	5.6483	4.380	1.200	4.3800	1.500	481.5	1.2683					
	4.440	1.210		3.180	1.200									
		-0.005			0.000									
	5.640			6.920										
Backward (1177/57)	4.445	1.195	4.4417	5.705	1.215	5.7067	-2.500	482.5	-1.2650					
	3.240	1.205		4.495	1.210									
		-0.010			0.005									
								B+F	***0.0033***					
								Allowable:	***0.0091***					
TP47										**8.7525**	*0.0283*	23035	0.0047	***8.7572***
	5.960			6.480										
Forward (1177/9)	4.670	1.290	4.6700	5.190	1.290	5.1933	1.000	515	-0.5233					
	3.380	1.290		3.910	1.280									
		0.000			0.010									
	6.680			6.195										
Backward (1177/57)	5.420	1.260	5.4183	4.885	1.310	4.8833	-10.000	515	0.5350					
	4.155	1.265		3.570	1.315									
		-0.005			-0.005									
								B+F	***0.0117***					
								Allowable:	***0.0094***					
TP48										**8.2233**	*0.0400*	23550	0.0048	***8.2282***

	6.080			5.520										
Forward (1177/10)	4.750	1.330	4.7483	4.220	1.300	4.2233	7.500	525.5	0.5250					
	3.415	1.335		2.930	1.290									
		-0.005			0.010									
	5.850			6.430										
Backward (1177/57)	4.570	1.280	4.5667	5.080	1.350	5.0833	-12.000	526	-0.5167					
	3.280	1.290		3.740	1.340									
		-0.010			0.010									
								B+F	***0.0083***					
								Allowable:	***0.0095***					
TP49										**8.7442**	*0.0483*	24076	0.0049	***8.7491***
	7.000			3.050										
Forward (1177/10)	5.720	1.280	5.7167	1.775	1.275	1.7750	2.000	512	3.9417					
	4.430	1.290		0.500	1.275									
		-0.010			0.000									
	3.210			7.130										
Backward (1177/56)	1.930	1.280	1.9300	5.860	1.270	5.8567	1.000	511	-3.9267					
	0.650	1.280		4.580	1.280									
		0.000			-0.010									
								B+F	***0.0150***					
								Allowable:	***0.0093***					
TP50										**12.6783**	*0.0633*	24588	0.0051	***12.6834***
	5.760			9.770										
Forward (1177/10)	4.490	1.270	4.4900	8.485	1.285	8.4850	-3.000	511	-3.9950					
	3.220	1.270		7.200	1.285									
		0.000			0.000									
	9.970			5.920										
Backward (1177/56)	8.665	1.305	8.6667	4.675	1.245	4.6750	11.500	509.5	3.9917					
	7.365	1.300		3.430	1.245									
		0.005			0.000									
								B+F	***-0.0033***					
								Allowable:	***0.0093***					
TP51										**8.6850**	*0.0600*	25098	0.0052	***8.6902***
	7.130			7.150										
Forward (1177/10)	5.820	1.310	5.8167	5.790	1.360	5.7900	-9.000	535	0.0267					
	4.500	1.320		4.430	1.360									
		-0.010			0.000									
	7.330			7.370										

Backward (1177/56)	6.000	1.330	6.0000	6.030	1.340	6.0283	-2.500	534.5	-0.0283					
	4.670	1.330		4.685	1.345									
		0.000			-0.005									
								B+F	***-0.0017***					
								Allowable:	***0.0095***					
TP52										**8.7125**	*0.0583*	25633	0.0053	***8.7178***
	5.130			6.690										
Forward (1177/10)	3.800	1.330	3.7983	5.355	1.335	5.3550	-0.500	533.5	-1.5567					
	2.465	1.335		4.020	1.335									
		-0.005			0.000									
	7.025			5.530										
Backward (1177/56)	5.725	1.300	5.7250	4.165	1.365	4.1650	-13.000	533	1.5600					
	4.425	1.300		2.800	1.365									
		0.000			0.000									
								B+F	***0.0033***					
								Allowable:	***0.0095***					
TP53										**7.1542**	*0.0617*	26166	0.0054	***7.1595***
	6.855			6.250										
Forward (1177/10)	5.580	1.275	5.5800	4.935	1.315	4.9350	-8.000	518	0.6450					
	4.305	1.275		3.620	1.315									
		0.000			0.000									
	6.550			7.270										
Backward (1177/56)	5.295	1.255	5.2950	5.940	1.330	5.9383	-15.500	517.5	-0.6433					
	4.040	1.255		4.605	1.335									
		0.000			-0.005									
								B+F	***0.0017***					
								Allowable:	***0.0094***					
TP54										**7.7983**	*0.0633*	26684	0.0055	***7.8038***
	5.220			6.000										
Forward (1177/11)	3.970	1.250	3.9700	4.735	1.265	4.7350	-3.000	503	-0.7650					
	2.720	1.250		3.470	1.265									
		0.000			0.000									
	6.360			5.620										
Backward (1177/56)	5.110	1.250	5.1117	4.345	1.275	4.3467	-5.000	504	0.7650					
	3.865	1.245		3.075	1.270									
		0.005			0.005									
								B+F	***0.0000***					
								Allowable:	***0.0093***					
TP55										**7.0333**	*0.0633*	27187	0.0056	***7.0389***

	5.740			5.720										
Forward (1177/11)	4.820	0.920	4.8200	4.640	1.080	4.6400	-32.000	400	0.1800					
	3.900	0.920		3.560	1.080									
		0.000			0.000									
	6.060			6.275										
Backward (1177/55)	5.080	0.980	5.0800	5.255	1.020	5.2567	-7.500	399.5	-0.1767					
	4.100	0.980		4.240	1.015									
		0.000			0.005									
								B+F	***0.0033***					
STRUCTURE S-121								***Allowable:***	***0.0083***					
TP56										**7.2117**	*0.0667*	27587	0.0057	***7.2173***
BM PR 48 1979	6.275			6.260										
Forward (1177/11)	5.430	0.845	5.4300	5.380	0.880	5.3800	-7.000	345	0.0500					
	4.585	0.845		4.500	0.880									
		0.000			0.000									
	6.965			6.975										
Backward (1177/55)	6.050	0.915	6.0483	6.095	0.880	6.0933	7.000	360	-0.0450					
	5.130	0.920		5.210	0.885									
		-0.005			-0.005									
								B+F	***0.0050***					
								Allowable:	***0.0078***					
TP57										**7.2592**	*0.0717*	27939	0.0057	***7.2649***
	5.410			6.530										
Forward (1177/11)	4.130	1.280	4.1300	5.230	1.300	5.2300	-4.000	516	-1.1000					
	2.850	1.280		3.930	1.300									
		0.000			0.000									
	6.950			5.980										
Backward (1177/55)	5.670	1.280	5.6717	4.575	1.405	4.5750	-25.500	536.5	1.0967					
	4.395	1.275		3.170	1.405									
		0.005			0.000									
								B+F	***-0.0033***					
								Allowable:	***0.0095***					
TP58										**6.1608**	*0.0683*	28466	0.0058	***6.1667***
	6.760			5.280										
Forward (1177/11)	5.505	1.255	5.5067	3.995	1.285	3.9950	-6.500	507.5	1.5117					
	4.255	1.250		2.710	1.285									
		0.005			0.000									
	5.615			7.150										

Backward (1177/55)	4.350	1.265	4.3533	5.865	1.285	5.8667	-4.500	508.5	-1.5133				
	3.095	1.255		4.585	1.280								
		0.010			0.005								
								B+F	***-0.0017***				
								Allowable:	***0.0093***				
TP59										**7.6733**	*0.0667*	28974	0.0060	***7.6793***
	7.840			6.850										
Forward (1177/11)	6.620	1.220	6.6167	5.595	1.255	5.5933	-6.500	496.5	1.0233					
	5.390	1.230		4.335	1.260									
		-0.010			-0.005									
	6.810			7.740										
Backward (1177/55)	5.515	1.295	5.5150	6.535	1.205	6.5383	19.000	499	-1.0233					
	4.220	1.295		5.340	1.195									
		0.000			0.010									
								B+F	***0.0000***				
								Allowable:	***0.0092***				
TP60										**8.6967**	*0.0667*	29471	0.0061	***8.7027***
	5.520			6.290										
Forward (1177/12)	4.455	1.065	4.4533	5.205	1.085	5.2050	-3.500	430.5	-0.7517					
	3.385	1.070		4.120	1.085									
		-0.005			0.000									
	6.395			5.600										
Backward (1177/55)	5.300	1.095	5.3017	4.540	1.060	4.5433	7.500	429.5	0.7583					
	4.210	1.090		3.490	1.050									
		0.005			0.010									
								B+F	***0.0067***				
								Allowable:	***0.0086***				
TP61										**7.9417**	*0.0733*	29901	0.0061	***7.9478***
	6.510			5.700										
Forward (1177/12)	5.385	1.125	5.3850	4.560	1.140	4.5600	-3.000	453	0.8250					
	4.260	1.125		3.420	1.140									
		0.000			0.000									
	5.750			6.645										
Backward (1177/54)	4.655	1.095	4.6517	5.480	1.165	5.4817	-12.500	452.5	-0.8300					
	3.550	1.105		4.320	1.160									
		-0.010			0.005									
								B+F	***-0.0050***				
								Allowable:	***0.0088***				
TP62										**8.7692**	*0.0683*	30354	0.0062	***8.7754***

	6.130			6.500										
Forward (1177/12)	5.005	1.125	5.0083	5.370	1.130	5.3700	-2.000	450	-0.3617					
	3.890	1.115		4.240	1.130									
		0.010			0.000									
	6.490			6.130										
Backward (1177/54)	5.365	1.125	5.3667	5.005	1.125	5.0050	-0.500	449.5	0.3617					
	4.245	1.120		3.880	1.125									
		0.005			0.000									
								B+F	***0.0000***					
								Allowable:	***0.0088***					
TP63										**8.4075**	*0.0683*	30804	0.0063	***8.4138***
	6.180			5.800										
Forward (1177/12)	5.080	1.100	5.0817	4.660	1.140	4.6633	-7.500	446.5						
	3.985	1.095		3.530	1.130									
		0.005			0.010									
TP64														
	6.470			6.640										
	5.340	1.130	5.3367	5.490	1.150	5.4900	-3.000	457	0.2650					
	4.200	1.140		4.340	1.150									
		-0.010			0.000									
	6.400			6.325										
Backward (1177/54)	5.270	1.130	5.2700	5.160	1.165	5.1617	-6.500	458.5						
	4.140	1.130		4.000	1.160									
		0.000			0.005									
TP303														
	5.860			6.290										
	4.770	1.090	4.7683	5.150	1.140	5.1500	-9.500	446.5	-0.2733					
	3.675	1.095		4.010	1.140									
		-0.005			0.000									
								B+F	***-0.0083***					
								Allowable:	***0.0124***					
TP65										**8.6767**	*0.0600*	31708	0.0065	***8.6832***
	5.765			5.300										
Forward (1177/12)	4.615	1.150	4.6167	4.150	1.150	4.1500	-0.500	459.5	0.4667					
	3.470	1.145		3.000	1.150									
		0.005			0.000									
	5.400			5.910										
Backward (1177/54)	4.270	1.130	4.2700	4.740	1.170	4.7400	-8.000	460	-0.4700					
	3.140	1.130		3.570	1.170									

		0.000			0.000								
								B+F	***-0.0033***				
								Allowable:	***0.0089***				
TP66										**9.1450**	*0.0567*	32168	0.0066	***9.1516***
	5.475			5.800										
Forward (1177/12)	4.350	1.125	4.3483	4.620	1.180	4.6200	-10.500	461.5	-0.2717					
	3.220	1.130		3.440	1.180									
		-0.005			0.000									
	6.020			5.760										
Backward (1177/54)	4.870	1.150	4.8700	4.595	1.165	4.5950	-3.000	463	0.2750					
	3.720	1.150		3.430	1.165									
		0.000			0.000									
								B+F	***0.0033***				
								Allowable:	***0.0089***				
TP67										**8.8717**	*0.0600*	32630	0.0067	***8.8784***
	6.210			6.410										
Forward (1177/12)	5.070	1.140	5.0700	5.240	1.170	5.2367	-7.000	463	-0.1667					
	3.930	1.140		4.060	1.180									
		0.000			-0.010									
	6.420			6.335										
Backward (1177/53)	5.300	1.120	5.3000	5.135	1.200	5.1367	-15.500	463.5	0.1633					
	4.180	1.120		3.940	1.195									
		0.000			0.005									
								B+F	***-0.0033***				
								Allowable:	***0.0089***				
TP68										**8.7067**	*0.0567*	33093	0.0068	***8.7135***
	6.100			5.500										
Forward (1177/12)	4.950	1.150	4.9517	4.340	1.160	4.3400	-2.500	461.5	0.6117					
	3.805	1.145		3.180	1.160									
		0.005			0.000									
	5.290			5.905										
Backward (1177/53)	4.140	1.150	4.1400	4.750	1.155	4.7483	-1.500	461.5	-0.6083					
	2.990	1.150		3.590	1.160									
		0.000			-0.005									
								B+F	***0.0033***				
								Allowable:	***0.0089***				
TP69										**9.3167**	*0.0600*	33555	0.0069	***9.3236***
	5.770			6.410										
Forward (1177/12)	4.635	1.135	4.6367	5.240	1.170	5.2400	-7.500	460.5	-0.6033					

	3.505	1.130		4.070	1.170									
		0.005			0.000									
	6.450			5.795										
Backward (1177/53)	5.270	1.180	5.2733	4.655	1.140	4.6567	7.500	462.5	0.6167					
	4.100	1.170		3.520	1.135									
		0.010			0.005									
								B+F	***0.0133***					
								Allowable:	***0.0089***					
TP70										**8.7067**	*0.0733*	34016	0.0070	***8.7137***
	6.740			5.860										
Forward (1177/12)	5.580	1.160	5.5767	4.690	1.170	4.6917	-0.500	466.5	0.8850					
	4.410	1.170		3.525	1.165									
		-0.010			0.005									
	5.940			6.950										
Backward (1177/53)	4.830	1.110	4.8333	5.720	1.230	5.7200	-25.000	467	-0.8867					
	3.730	1.100		4.490	1.230									
		0.010			0.000									
								B+F	***-0.0017***					
								Allowable:	***0.0089***					
TP71										**9.5925**	*0.0717*	34483	0.0071	***9.5996***
	6.630			5.715										
Forward (1177/12)	5.370	1.260	5.3733	4.440	1.275	4.4383	-4.500	506.5	0.9350					
	4.120	1.250		3.160	1.280									
		0.010			-0.005									
	5.440			6.320										
Backward (1177/53)	4.160	1.280	4.1600	5.090	1.230	5.0917	10.500	501.5	-0.9317					
	2.880	1.280		3.865	1.225									
		0.000			0.005									
								B+F	***0.0033***					
								Allowable:	***0.0093***					
TP72										**10.5258**	*0.0750*	34987	0.0072	***10.5330***
	5.895			6.340										
Forward (1177/13)	4.620	1.275	4.6233	5.065	1.275	5.0650	-1.000	509	-0.4417					
	3.355	1.265		3.790	1.275									
		0.010			0.000									
	6.135			5.665										
Backward (1177/53)	4.850	1.285	4.8500	4.405	1.260	4.4050	5.000	509	0.4450					
	3.565	1.285		3.145	1.260									

		0.000			0.000									
								B+F	***0.0033***					
								Allowable:	***0.0093***					
TP73										**10.0825**	*0.0783*	35496	0.0073	***10.0898***
	7.040			6.730										
Forward (1177/13)	5.710	1.330	5.7067	5.380	1.350	5.3800	-3.000	537	0.3267					
	4.370	1.340		4.030	1.350									
		-0.010			0.000									
	5.840			6.170										
Backward (1177/52)	4.505	1.335	4.5050	4.830	1.340	4.8300	-1.000	535	-0.3250					
	3.170	1.335		3.490	1.340									
		0.000			0.000									
								B+F	***0.0017***					
								Allowable:	***0.0096***					
TP74										**10.4083**	*0.0800*	36032	0.0074	***10.4157***
	6.590			7.045										
Forward (1177/13)	5.320	1.270	5.3200	5.750	1.295	5.7500	-5.000	513	-0.4300					
	4.050	1.270		4.455	1.295									
		0.000			0.000									
	7.200			6.800										
Backward (1177/52)	5.940	1.260	5.9367	5.500	1.300	5.5000	-7.000	513	0.4367					
	4.670	1.270		4.200	1.300									
		-0.010			0.000									
								B+F	***0.0067***					
								Allowable:	***0.0094***					
TP75										**9.9750**	*0.0867*	36545	0.0075	***9.9825***
	5.690			5.910										
Forward (1177/13)	4.410	1.280	4.4133	4.635	1.275	4.6350	0.000	510	-0.2217					
	3.140	1.270		3.360	1.275									
		0.010			0.000									
	5.890			5.650										
Backward (1177/52)	4.610	1.280	4.6100	4.385	1.265	4.3850	3.000	509	0.2250					
	3.330	1.280		3.120	1.265									
		0.000			0.000									
								B+F	***0.0033***					
								Allowable:	***0.0093***					
TP76										**9.7517**	*0.0900*	37055	0.0076	***9.7593***
	6.390			6.890										
Forward (1177/13)	5.110	1.280	5.1100	5.640	1.250	5.6367	5.000	507	-0.5267					

	3.830	1.280		4.380	1.260									
		0.000			-0.010									
	6.790			6.290										
Backward (1177/52)	5.540	1.250	5.5400	5.005	1.285	5.0083	-6.000	506	0.5317					
	4.290	1.250		3.730	1.275									
		0.000			0.010									
								B+F	***0.0050***					
								Allowable:	***0.0093***					
TP77										**9.2225**	*0.0950*	37561	0.0077	***9.2302***
	5.860			6.615										
Forward (1177/13)	4.600	1.260	4.5967	5.340	1.275	5.3417	-1.500	507.5	-0.7450					
	3.330	1.270		4.070	1.270									
		-0.010			0.005									
	6.015			5.240										
Backward (1177/52)	4.740	1.275	4.7383	3.990	1.250	3.9867	4.500	506.5	0.7517					
	3.460	1.280		2.730	1.260									
		-0.005			-0.010									
								B+F	***0.0067***					
								Allowable:	***0.0093***					
TP78										**8.4742**	*0.1017*	38068	0.0078	***8.4820***
	6.040			5.580										
Forward (1177/14)	4.850	1.190	4.8500	4.370	1.210	4.3733	-3.000	479	0.4767					
	3.660	1.190		3.170	1.200									
		0.000			0.010									
	5.670			6.145										
Backward (1177/52)	4.470	1.200	4.4700	4.950	1.195	4.9517	1.500	478.5	-0.4817					
	3.270	1.200		3.760	1.190									
		0.000			0.005									
								B+F	***-0.0050***					
								Allowable:	***0.0090***					
TP79										**8.9533**	*0.0967*	38547	0.0079	***8.9613***
	4.475			4.460										
Forward (1177/14)	3.230	1.245	3.2317	3.185	1.275	3.1850	-6.500	503.5	0.0467					
	1.990	1.240		1.910	1.275									
		0.005			0.000									
	4.620			4.620										
Backward (1177/51)	3.340	1.280	3.3367	3.390	1.230	3.3883	10.500	503.5	-0.0517					
	2.050	1.290		2.155	1.235									

		-0.010			-0.005								
								B+F	***-0.0050***				
								Allowable:	***0.0093***				
TP80										**9.0025**	*0.0917*	39050	0.0080	***9.0105***
	4.845			5.145										
Forward (1177/14)	3.765	1.080	3.7633	4.070	1.075	4.0683	1.000	432	-0.3050					
	2.680	1.085		2.990	1.080									
		-0.005			-0.005									
	5.220			4.870										
Backward (1177/51)	4.120	1.100	4.1200	3.815	1.055	3.8150	9.000	431	0.3050					
	3.020	1.100		2.760	1.055									
		0.000			0.000									
								B+F	***0.0000***				
								Allowable:	***0.0086***				
TP81										**8.6975**	*0.0917*	39482	0.0081	***8.7056***
	6.420			6.760										
Forward (1177/14)	5.150	1.270	5.1483	5.515	1.245	5.5150	5.500	503.5	-0.3667					
	3.875	1.275		4.270	1.245									
		-0.005			0.000									
	6.710			6.380										
Backward (1177/51)	5.475	1.235	5.4750	5.100	1.280	5.1000	-9.000	503	0.3750					
	4.240	1.235		3.820	1.280									
		0.000			0.000									
								B+F	***0.0083***				
								Allowable:	***0.0093***				
TP82										**8.3267**	*0.1000*	39985	0.0082	***8.3349***
	5.160			6.260										
Forward (1177/14)	3.930	1.230	3.9267	5.010	1.250	5.0100	-3.000	497	-1.0833					
	2.690	1.240		3.760	1.250									
		-0.010			0.000									
	6.295			5.190										
Backward (1177/51)	5.040	1.255	5.0400	3.960	1.230	3.9583	4.500	497.5	1.0817					
	3.785	1.255		2.725	1.235									
		0.000			-0.005									
								B+F	***-0.0017***				
								Allowable:	***0.0092***				
TP83										**7.2442**	*0.0983*	40482	0.0083	***7.2525***
	6.140			6.090										
Forward (1177/14)	4.910	1.230	4.9100	4.830	1.260	4.8283	-6.500	498.5	0.0817					

	3.680	1.230		3.565	1.265									
		0.000			-0.005									
	6.240			6.350										
Backward (1177/51)	5.010	1.230	5.0067	5.090	1.260	5.0900	-5.000	499	-0.0833					
	3.770	1.240		3.830	1.260									
		-0.010			0.000									
								B+F	***-0.0017***					
								Allowable:	***0.0092***					
TP84										**7.3267**	*0.0967*	40981	0.0084	***7.3351***
	6.460			5.290										
Forward (1177/15)	5.200	1.260	5.2033	4.040	1.250	4.0400	1.000	501	1.1633					
	3.950	1.250		2.790	1.250									
		0.010			0.000									
	5.370			6.560										
Backward (1177/51)	4.135	1.235	4.1333	5.290	1.270	5.2933	-5.500	500.5	-1.1600					
	2.895	1.240		4.030	1.260									
		-0.005			0.010									
								B+F	***0.0033***					
								Allowable:	***0.0092***					
TP85										**8.4883**	*0.1000*	41482	0.0085	***8.4969***
	6.295			6.890										
Forward (1177/15)	5.025	1.270	5.0267	5.600	1.290	5.6000	-4.500	511.5	-0.5733					
	3.760	1.265		4.310	1.290									
		0.005			0.000									
	6.825			6.300										
Backward (1177/50)	5.570	1.255	5.5717	5.000	1.300	4.9983	-10.000	511	0.5733					
	4.320	1.250		3.695	1.305									
		0.005			-0.005									
								B+F	***0.0000***					
								Allowable:	***0.0093***					
TP86										**7.9150**	*0.1000*	41993	0.0086	***7.9236***
	6.920			6.230										
Forward (1177/15)	5.680	1.240	5.6800	4.980	1.250	4.9800	-2.000	498	0.7000					
	4.440	1.240		3.730	1.250									
		0.000			0.000									
	6.225			6.910										
Backward (1177/50)	4.970	1.255	4.9717	5.670	1.240	5.6700	2.500	498.5	-0.6983					
	3.720	1.250		4.430	1.240									

		0.005			0.000								
								B+F	***0.0017***				
								Allowable:	***0.0092***				
TP87										**8.6142**	*0.1017*	42491	0.0087	***8.6229***
	5.470			3.840										
Forward (1177/15)	4.400	1.070	4.3967	2.650	1.190	2.6500	-23.000	453	1.7467					
	3.320	1.080		1.460	1.190									
		-0.010			0.000									
	3.800			5.590										
Backward (1177/50)	2.690	1.110	2.6933	4.435	1.155	4.4350	-10.000	452	-1.7417					
	1.590	1.100		3.280	1.155									
		0.010			0.000									
								B+F	***0.0050***				
								Allowable:	***0.0088***				
TP88										**10.3583**	*0.1067*	42944	0.0088	***10.3672***
	7.570			9.390										
Forward (1177/15)	6.375	1.195	6.3750	8.190	1.200	8.1917	-0.500	478.5	-1.8167					
	5.180	1.195		6.995	1.195									
		0.000			0.005									
	9.585			7.770										
Backward (1177/50)	8.375	1.210	8.3767	6.560	1.210	6.5567	-1.500	484.5	1.8200					
	7.170	1.205		5.340	1.220									
		0.005			-0.010									
								B+F	***0.0033***				
								Allowable:	***0.0091***				
TP89										**8.5400**	*0.1100*	43425	0.0089	***8.5489***
	4.600			4.930										
Forward (1177/15)	4.490	0.110	4.4883	4.810	0.120	4.8083	-2.000	47	-0.3200					
	4.375	0.115		4.685	0.125									
		-0.005			-0.005									
	5.100			4.760										
Backward (1177/50)	4.975	0.125	4.9733	4.655	0.105	4.6550	4.500	46.5	0.3183					
	4.845	0.130		4.550	0.105									
		-0.005			0.000									
								B+F	***-0.0017***				
WELL SITE C2SW1								***Allowable:***	***0.0028***				
TP90 BM										**8.2208**	*0.1083*	43472	0.0089	***8.2298***
C2SW1 2002	6.050			5.620										
Forward (1177/16)	4.805	1.245	4.8083	4.380	1.240	4.3767	-1.000	497	0.4317					

	3.570	1.235		3.130	1.250									
		0.010			-0.010									
	5.840			6.250										
Backward (1177/50)	4.595	1.245	4.5950	5.020	1.230	5.0167	2.000	496	-0.4217					
	3.350	1.245		3.780	1.240									
		0.000			-0.010									
								B+F	***0.0100***					
								Allowable:	***0.0092***					
TP91										**8.6475**	*0.1183*	43969	0.0090	***8.6565***
	6.010			6.660										
Forward (1177/16)	4.780	1.230	4.7783	5.420	1.240	5.4200	-1.500	494.5	-0.6417					
	3.545	1.235		4.180	1.240									
		-0.005			0.000									
	6.895			6.195										
Backward (1177/49)	5.635	1.260	5.6333	4.990	1.205	4.9900	11.500	493.5	0.6433					
	4.370	1.265		3.785	1.205									
		-0.005			0.000									
								B+F	***0.0017***					
								Allowable:	***0.0092***					
TP92										**8.0050**	*0.1200*	44463	0.0091	***8.0141***
	6.270			4.990										
Forward (1177/16)	4.990	1.280	4.9900	3.690	1.300	3.6933	-3.000	515	1.2967					
	3.710	1.280		2.400	1.290									
		0.000			0.010									
	5.760			7.030										
Backward (1177/49)	4.470	1.290	4.4700	5.760	1.270	5.7600	4.000	512	-1.2900					
	3.180	1.290		4.490	1.270									
		0.000			0.000									
								B+F	***0.0067***					
								Allowable:	***0.0094***					
TP93										**9.2983**	*0.1267*	44976	0.0092	***9.3076***
	6.200			6.150										
Forward (1177/16)	4.950	1.250	4.9517	4.900	1.250	4.8967	-1.500	500.5	0.0550					
	3.705	1.245		3.640	1.260									
		0.005			-0.010									
	6.160			6.125										
Backward (1177/49)	4.865	1.295	4.8650	4.920	1.205	4.9217	18.500	499.5	-0.0567					
	3.570	1.295		3.720	1.200									

			0.000			0.005								
									B+F	***-0.0017***				
									Allowable:	***0.0092***				
TP94											**9.3542**	*0.1250*	45476	0.0093	***9.3635***
		5.885			6.470										
Forward (1177/16)		4.605	1.280	4.6067	5.170	1.300	5.1667	-5.500	516.5	-0.5600					
		3.330	1.275		3.860	1.310									
			0.005			-0.010									
		6.610			6.035										
Backward (1177/49)		5.310	1.300	5.3100	4.750	1.285	4.7483	2.500	517.5	0.5617					
		4.010	1.300		3.460	1.290									
			0.000			-0.005									
									B+F	***0.0017***				
									Allowable:	***0.0094***				
TP95											**8.7933**	*0.1267*	45993	0.0095	***8.8028***
		5.430			5.580										
Forward (1177/16)		4.130	1.300	4.1300	4.305	1.275	4.3067	5.500	514.5	-0.1767					
		2.830	1.300		3.035	1.270									
			0.000			0.005									
		5.635			5.420										
Backward (1177/49)		4.325	1.310	4.3267	4.160	1.260	4.1567	8.500	514.5	0.1700					
		3.020	1.305		2.890	1.270									
			0.005			-0.010									
									B+F	***-0.0067***				
									Allowable:	***0.0094***				
TP96											**8.6200**	*0.1200*	46508	0.0096	***8.6296***
		5.790			5.680										
Forward (1177/17)		4.530	1.260	4.5283	4.390	1.290	4.3933	-4.500	509.5						
		3.265	1.265		3.110	1.280									
			-0.005			0.010									
	TP97														
		5.610			5.740										
		4.380	1.230	4.3800	4.490	1.250	4.4900	-4.000	496	0.0250					
		3.150	1.230		3.240	1.250									
			0.000			0.000									
		5.935			5.965										
Backward (1177/48)		4.650	1.285	4.6467	4.610	1.355	4.6117	-12.500	528.5						
		3.355	1.295		3.260	1.350									
			-0.010			0.005									

TP270														
	5.900			5.930										
	4.700	1.200	4.7000	4.745	1.185	4.7450	3.000	477	-0.0100					
	3.500	1.200		3.560	1.185									
		0.000			0.000									
								B+F	***0.0150***					
								Allowable:	***0.0131***					
TP98										**8.6375**	*0.1350*	47513	0.0098	***8.6473***
	5.840			6.180										
Forward (1177/17)	4.570	1.270	4.5717	4.940	1.240	4.9400	5.500	501.5	-0.3683					
	3.305	1.265		3.700	1.240									
		0.005			0.000									
	6.410			6.015										
Backward (1177/48)	5.140	1.270	5.1400	4.780	1.235	4.7767	6.000	502	0.3633					
	3.870	1.270		3.535	1.245									
		0.000			-0.010									
								B+F	***-0.0050***					
								Allowable:	***0.0092***					
TP99										**8.2717**	*0.1300*	48015	0.0099	***8.2815***
	6.310			6.130										
Forward (1177/17)	4.890	1.420	4.8867	4.770	1.360	4.7667	12.000	558	0.1200					
	3.460	1.430		3.400	1.370									
		-0.010			-0.010									
	6.325			6.460										
Backward (1177/48)	4.945	1.380	4.9433	5.060	1.400	5.0600	-3.500	556.5	-0.1167					
	3.560	1.385		3.660	1.400									
		-0.005			0.000									
								B+F	***0.0033***					
								Allowable:	***0.0097***					
TP100										**8.3900**	*0.1333*	48572	0.0100	***8.4000***
	5.880			5.690										
Forward (1177/17)	4.620	1.260	4.6233	4.400	1.290	4.3983	-7.500	509.5	0.2250					
	3.370	1.250		3.105	1.295									
		0.010			-0.005									
	5.925			6.080										
Backward (1177/48)	4.615	1.310	4.6167	4.840	1.240	4.8400	13.500	509.5	-0.2233					
	3.310	1.305		3.600	1.240									
		0.005			0.000									
								B+F	***0.0017***					

								Allowable:	***0.0093***				
TP101										**8.6142**	*0.1350*	49082	0.0101	***8.6243***
	5.750			6.100										
Forward (1177/17)	4.490	1.260	4.4900	4.830	1.270	4.8300	-2.000	506	-0.3400					
	3.230	1.260		3.560	1.270									
		0.000			0.000									
	6.070			5.670										
Backward (1177/48)	4.780	1.290	4.7767	4.435	1.235	4.4350	12.000	506	0.3417					
	3.480	1.300		3.200	1.235									
		-0.010			0.000									
								B+F	***0.0017***					
								Allowable:	***0.0093***					
TP102										**8.2733**	*0.1367*	49588	0.0102	***8.2835***
	5.900			5.590										
Forward (1177/18)	4.620	1.280	4.6200	4.360	1.230	4.3600	10.000	502	0.2600					
	3.340	1.280		3.130	1.230									
		0.000			0.000									
	5.830			6.120										
Backward (1177/48)	4.590	1.240	4.5900	4.850	1.270	4.8500	-6.000	502	-0.2600					
	3.350	1.240		3.580	1.270									
		0.000			0.000									
								B+F	***0.0000***					
								Allowable:	***0.0093***					
TP103										**8.5333**	*0.1367*	50090	0.0103	***8.5436***
	6.810			6.880										
Forward (1177/18)	5.560	1.250	5.5600	5.620	1.260	5.6200	-2.000	502	-0.0600					
	4.310	1.250		4.360	1.260									
		0.000			0.000									
	6.230			6.220										
Backward (1177/47)	5.000	1.230	5.0000	4.940	1.280	4.9367	-11.000	503	0.0633					
	3.770	1.230		3.650	1.290									
		0.000			-0.010									
								B+F	***0.0033***					
								Allowable:	***0.0093***					
TP104										**8.4717**	*0.1400*	50592	0.0104	***8.4821***
	5.710			5.790										
Forward (1177/18)	4.460	1.250	4.4633	4.550	1.240	4.5533	2.000	496	-0.0900					
	3.220	1.240		3.320	1.230									
		0.010			0.010									

	6.140			5.970										
Backward (1177/47)	4.860	1.280	4.8600	4.765	1.205	4.7650	15.000	497	0.0950					
	3.580	1.280		3.560	1.205									
		0.000			0.000									
								B+F	***0.0050***					
								Allowable:	***0.0092***					
TP105										**8.3792**	*0.1450*	51089	0.0105	***8.3897***
	6.130			5.350										
Forward (1177/18)	4.765	1.365	4.7650	3.960	1.390	3.9600	-5.000	551	0.8050					
	3.400	1.365		2.570	1.390									
		0.000			0.000									
	5.585			6.465										
Backward (1177/47)	4.245	1.340	4.2433	5.050	1.415	5.0517	-14.000	551	-0.8083					
	2.900	1.345		3.640	1.410									
		-0.005			0.005									
								B+F	***-0.0033***					
								Allowable:	***0.0097***					
TP106										**9.1858**	*0.1417*	51640	0.0106	***9.1964***
	4.995			5.340										
Forward (1177/18)	3.730	1.265	3.7317	4.080	1.260	4.0800	0.500	504.5	-0.3483					
	2.470	1.260		2.820	1.260									
		0.005			0.000									
	5.005			4.680										
Backward (1177/47)	3.760	1.245	3.7567	3.410	1.270	3.4067	-5.000	505	0.3500					
	2.505	1.255		2.130	1.280									
		-0.010			-0.010									
								B+F	***0.0017***					
								Allowable:	***0.0093***					
TP107										**8.8367**	*0.1433*	52144	0.0107	***8.8474***
	6.180			5.770										
Forward (1177/18)	4.770	1.410	4.7733	4.380	1.390	4.3833	4.000	558	0.3900					
	3.370	1.400		3.000	1.380									
		0.010			0.010									
	5.560			5.965										
Backward (1177/47)	4.170	1.390	4.1717	4.560	1.405	4.5617	-3.000	558	-0.3900					
	2.785	1.385		3.160	1.400									
		0.005			0.005									
								B+F	***0.0000***					

								Allowable:	***0.0098***				
TP108										**9.2267**	*0.1433*	52702	0.0108	***9.2375***
	6.450			7.220										
Forward (1177/19)	5.170	1.280	5.1700	5.940	1.280	5.9400	0.000	512	-0.7700					
	3.890	1.280		4.660	1.280									
		0.000			0.000									
	6.765			6.060										
Backward (1177/47)	5.530	1.235	5.5283	4.760	1.300	4.7583	-13.000	508	0.7700					
	4.290	1.240		3.455	1.305									
		-0.005			-0.005									
								B+F	***0.0000***					
								Allowable:	***0.0093***					
TP109										**8.4567**	*0.1433*	53212	0.0109	***8.4676***
	6.280			6.240										
Forward (1177/19)	5.020	1.260	5.0200	4.990	1.250	4.9900	2.000	502	0.0300					
	3.760	1.260		3.740	1.250									
		0.000			0.000									
	5.650			5.690										
Backward (1177/46)	4.400	1.250	4.4000	4.425	1.265	4.4267	-2.500	502.5	-0.0267					
	3.150	1.250		3.165	1.260									
		0.000			0.005									
								B+F	***0.0033***					
								Allowable:	***0.0093***					
TP110										**8.4850**	*0.1467*	53715	0.0110	***8.4960***
	6.490			6.070										
Forward (1177/19)	5.230	1.260	5.2333	4.770	1.300	4.7733	-8.000	510	0.4600					
	3.980	1.250		3.480	1.290									
		0.010			0.010									
	5.790			6.290										
Backward (1177/46)	4.540	1.250	4.5367	4.990	1.300	4.9933	-8.000	510	-0.4567					
	3.280	1.260		3.700	1.290									
		-0.010			0.010									
								B+F	***0.0033***					
								Allowable:	***0.0093***					
TP111										**8.9433**	*0.1500*	54225	0.0111	***8.9545***
	6.370			7.060										
Forward (1177/19)	5.140	1.230	5.1400	5.820	1.240	5.8167	-3.000	495	-0.6767					
	3.910	1.230		4.570	1.250									
		0.000			-0.010									

	6.610			5.850										
Backward (1177/46)	5.330	1.280	5.3317	4.650	1.200	4.6533	16.500	494.5	0.6783					
	4.055	1.275		3.460	1.190									
		0.005			0.010									
								B+F	***0.0017***					
								Allowable:	***0.0092***					
TP112										**8.2658**	*0.1517*	54719	0.0112	***8.2771***
	6.210			6.115										
Forward (1177/19)	4.930	1.280	4.9300	4.850	1.265	4.8483	2.500	509.5	0.0817					
	3.650	1.280		3.580	1.270									
		0.000			-0.005									
	5.910			6.060										
Backward (1177/46)	4.670	1.240	4.6700	4.755	1.305	4.7550	-13.000	509	-0.0850					
	3.430	1.240		3.450	1.305									
		0.000			0.000									
								B+F	***-0.0033***					
								Allowable:	***0.0093***					
TP113										**8.3492**	*0.1483*	55229	0.0113	***8.3605***
	6.280			5.780										
Forward (1177/19)	5.050	1.230	5.0500	4.520	1.260	4.5233	-5.000	497	0.5267					
	3.820	1.230		3.270	1.250									
		0.000			0.010									
	5.790			6.220										
Backward (1177/46)	4.500	1.290	4.5000	5.025	1.195	5.0250	19.000	497	-0.5250					
	3.210	1.290		3.830	1.195									
		0.000			0.000									
								B+F	***0.0017***					
								Allowable:	***0.0092***					
TP114										**8.8750**	*0.1500*	55726	0.0115	***8.8865***
	5.205			5.970										
Forward (1177/20)	3.970	1.235	3.9717	4.740	1.230	4.7400	0.500	492.5	-0.7683					
	2.740	1.230		3.510	1.230									
		0.005			0.000									
	5.740			4.825										
Backward (1177/46)	4.420	1.320	4.4183	3.650	1.175	3.6483	29.000	500	0.7700					
	3.095	1.325		2.470	1.180									
		-0.005			-0.005									
								B+F	***0.0017***					

								Allowable:	***0.0092***				
TP115										**8.1058**	*0.1517*	56222	0.0116	***8.1174***
	6.280			5.510										
Forward (1177/20)	5.060	1.220	5.0600	4.260	1.250	4.2600	-6.000	494	0.8000					
	3.840	1.220		3.010	1.250									
		0.000			0.000									
	5.205			6.015										
Backward (1177/45)	3.970	1.235	3.9717	4.770	1.245	4.7717	-2.000	495	-0.8000					
	2.740	1.230		3.530	1.240									
		0.005			0.005									
								B+F	***0.0000***					
								Allowable:	***0.0092***					
TP116										**8.9058**	*0.1517*	56716	0.0117	***8.9175***
	6.090			6.960										
Forward (1177/20)	4.640	1.450	4.6433	5.530	1.430	5.5267	2.000	576	-0.8833					
	3.200	1.440		4.090	1.440									
		0.010			-0.010									
	6.545			5.650										
Backward (1177/45)	5.100	1.445	5.1017	4.210	1.440	4.2067	-0.500	577.5	0.8950					
	3.660	1.440		2.760	1.450									
		0.005			-0.010									
								B+F	***0.0117***					
								Allowable:	***0.0099***					
TP117										**8.0167**	*0.1633*	57293	0.0118	***8.0284***
	7.425			5.725										
Forward (1177/20)	6.205	1.220	6.2033	4.500	1.225	4.5017	0.000	489	1.7017					
	4.980	1.225		3.280	1.220									
		-0.005			0.005									
	5.460			7.190										
Backward (1177/45)	4.245	1.215	4.2483	5.950	1.240	5.9500	-6.000	490	-1.7017					
	3.040	1.205		4.710	1.240									
		0.010			0.000									
								B+F	***0.0000***					
								Allowable:	***0.0091***					
TP118										**9.7183**	*0.1633*	57783	0.0119	***9.7302***
	6.000			4.990										
Forward (1177/20)	4.750	1.250	4.7500	3.730	1.260	3.7267	-3.000	503	1.0233					
	3.500	1.250		2.460	1.270									
		0.000			-0.010									

	4.940			5.945										
Backward (1177/45)	3.670	1.270	3.6733	4.695	1.250	4.6967	3.500	502.5	-1.0233					
	2.410	1.260		3.450	1.245									
		0.010			0.005									
								B+F	***0.0000***					
								Allowable:	***0.0093***					
TP119										**10.7417**	*0.1633*	58285	0.0120	***10.7536***
	6.390			7.050										
Forward (1177/20)	5.160	1.230	5.1567	5.835	1.215	5.8350	4.000	490	-0.6783					
	3.920	1.240		4.620	1.215									
		-0.010			0.000									
	6.445			5.750										
Backward (1177/45)	5.210	1.235	5.2117	4.530	1.220	4.5300	2.500	490.5	0.6817					
	3.980	1.230		3.310	1.220									
		0.005			0.000									
								B+F	***0.0033***					
								Allowable:	***0.0091***					
TP120										**10.0617**	*0.1667*	58776	0.0121	***10.0737***
	5.860			5.080										
Forward (1177/21)	4.620	1.240	4.6200	3.830	1.250	3.8333	-1.000	497	0.7867					
	3.380	1.240		2.590	1.240									
		0.000			0.010									
	4.980			5.650										
Backward (1177/45)	3.685	1.295	3.6850	4.465	1.185	4.4650	22.000	496	-0.7800					
	2.390	1.295		3.280	1.185									
		0.000			0.000									
								B+F	***0.0067***					
								Allowable:	***0.0092***					
TP121										**10.8450**	*0.1733*	59272	0.0122	***10.8572***
	5.400			5.500										
Forward (1177/21)	4.020	1.380	4.0200	4.140	1.360	4.1367	3.000	549	-0.1167					
	2.640	1.380		2.770	1.370									
		0.000			-0.010									
	5.610			5.475										
Backward (1177/44)	4.230	1.380	4.2300	4.110	1.365	4.1083	2.500	549.5	0.1217					
	2.850	1.380		2.740	1.370									
		0.000			-0.005									
								B+F	***0.0050***					

								Allowable:	***0.0097***				
TP122										**10.7258**	*0.1783*	59821	0.0123	***10.7381***
	5.040			5.430										
Forward (1177/21)	3.790	1.250	3.7933	4.185	1.245	4.1850	0.000	498	-0.3917					
	2.550	1.240		2.940	1.245									
		0.010			0.000									
	5.410			4.970										
Backward (1177/44)	4.145	1.265	4.1450	3.750	1.220	3.7500	9.000	497	0.3950					
	2.880	1.265		2.530	1.220									
		0.000			0.000									
								B+F	***0.0033***					
								Allowable:	***0.0092***					
TP123										**10.3325**	*0.1817*	60319	0.0124	***10.3449***
	4.430			6.130										
Forward (1177/21)	3.160	1.270	3.1633	4.890	1.240	4.8900	5.000	501	-1.7267					
	1.900	1.260		3.650	1.240									
		0.010			0.000									
	6.150			4.345										
Backward (1177/44)	4.860	1.290	4.8633	3.130	1.215	3.1317	14.500	499.5	1.7317					
	3.580	1.280		1.920	1.210									
		0.010			0.005									
								B+F	***0.0050***					
								Allowable:	***0.0092***					
TP124										**8.6033**	*0.1867*	60819	0.0125	***8.6158***
	4.110			5.095										
Forward (1177/21)	2.920	1.190	2.9200	3.890	1.205	3.8917	-2.500	478.5	-0.9717					
	1.730	1.190		2.690	1.200									
		0.000			0.005									
	5.870			4.940										
Backward (1177/44)	4.695	1.175	4.6950	3.715	1.225	3.7167	-9.500	479.5	0.9783					
	3.520	1.175		2.495	1.220									
		0.000			0.005									
								B+F	***0.0067***					
								Allowable:	***0.0090***					
TP125										**7.6283**	*0.1933*	61298	0.0126	***7.6409***
	6.580			6.310										
Forward (1177/21)	5.310	1.270	5.3100	5.060	1.250	5.0600	4.000	504	0.2500					
	4.040	1.270		3.810	1.250									
		0.000			0.000									

	6.660			6.970										
Backward (1177/44)	5.430	1.230	5.4300	5.680	1.290	5.6767	-13.000	505	-0.2467					
	4.200	1.230		4.380	1.300									
		0.000			-0.010									
								B+F	***0.0033***					
								Allowable:	***0.0093***					
TP126										**7.8767**	*0.1967*	61803	0.0127	***7.8894***
	4.540			4.330										
Forward (1177/22)	3.280	1.260	3.2767	3.075	1.255	3.0750	2.000	504	0.2017					
	2.010	1.270		1.820	1.255									
		-0.010			0.000									
	6.220			6.440										
Backward (1177/44)	4.975	1.245	4.9750	5.180	1.260	5.1833	-2.000	500	-0.2083					
	3.730	1.245		3.930	1.250									
		0.000			0.010									
								B+F	***-0.0067***					
								Allowable:	***0.0093***					
TP127										**8.0817**	*0.1900*	62305	0.0128	***8.0945***
	7.510			5.990										
Forward (1177/22)	6.480	1.030	6.4767	4.950	1.040	4.9533	0.000	414	1.5233					
	5.440	1.040		3.920	1.030									
		-0.010			0.010									
	6.110			7.610										
Backward (1177/43)	5.045	1.065	5.0467	6.570	1.040	6.5700	4.500	420.5	-1.5233					
	3.985	1.060		5.530	1.040									
		0.005			0.000									
								B+F	***0.0000***					
								Allowable:	***0.0084***					
TP128										**9.6050**	*0.1900*	62722	0.0129	***9.6179***
	6.170			6.525										
Forward (1177/22)	4.920	1.250	4.9233	5.325	1.200	5.3250	9.000	489	-0.4017					
	3.680	1.240		4.125	1.200									
		0.010			0.000									
	6.720			6.170										
Backward (1177/43)	5.425	1.295	5.4250	5.020	1.150	5.0200	29.000	489	0.4050					
	4.130	1.295		3.870	1.150									
		0.000			0.000									
								B+F	***0.0033***					

								Allowable:	***0.0091***				
TP129										**9.2017**	*0.1933*	63211	0.0130	***9.2147***
	6.060			4.605										
Forward (1177/22)	5.300	0.760	5.3000	3.865	0.740	3.8650	4.000	300	1.4350					
	4.540	0.760		3.125	0.740									
		0.000			0.000									
	4.690			6.130										
Backward (1177/43)	3.940	0.750	3.9400	5.380	0.750	5.3767	-1.000	301	-1.4367					
	3.190	0.750		4.620	0.760									
		0.000			-0.010									
								B+F	***-0.0017***					
								Allowable:	***0.0072***					
TP130										**10.6375**	*0.1917*	63511	0.0131	***10.6506***
	6.640			8.030										
Forward (1177/22)	5.870	0.770	5.8700	7.245	0.785	7.2483	-2.000	310	-1.3783					
	5.100	0.770		6.470	0.775									
		0.000			0.010									
	7.960			6.630										
Backward (1177/43)	7.200	0.760	7.2033	5.830	0.800	5.8300	-9.000	311	1.3733					
	6.450	0.750		5.030	0.800									
		0.010			0.000									
								B+F	***-0.0050***					
STRUCTURE S-380								***Allowable:***	***0.0073***					
TP131										**9.2617**	*0.1867*	63822	0.0131	***9.2748***
BM T-5	6.430			6.475										
Forward (1177/22)	5.570	0.860	5.5700	5.630	0.845	5.6317	3.500	340.5	-0.0617					
	4.710	0.860		4.790	0.840									
		0.000			0.005									
	6.140			6.060										
Backward (1177/43)	5.285	0.855	5.2850	5.220	0.840	5.2200	3.000	339	0.0650					
	4.430	0.855		4.380	0.840									
		0.000			0.000									
								B+F	***0.0033***					
								Allowable:	***0.0076***					
TP132										**9.1983**	*0.1900*	64162	0.0132	***9.2115***
	9.725			8.315										
Forward (1177/23)	8.450	1.275	8.4483	7.070	1.245	7.0717	7.000	504	1.3767					
	7.170	1.280		5.830	1.240									
		-0.005			0.005									

	8.480			9.880										
Backward (1177/43)	7.230	1.250	7.2333	8.610	1.270	8.6100	-5.000	503	-1.3767					
	5.990	1.240		7.340	1.270									
		0.010			0.000									
								B+F	***0.0000***					
								Allowable:	***0.0093***					
TP133										**10.5750**	*0.1900*	64665	0.0133	***10.5883***
	3.610			5.745										
Forward (1177/23)	2.350	1.260	2.3467	4.500	1.245	4.4983	3.500	502.5	-2.1517					
	1.080	1.270		3.250	1.250									
		-0.010			-0.005									
	5.790			3.580										
Backward (1177/42)	4.510	1.280	4.5100	2.350	1.230	2.3500	10.000	502	2.1600					
	3.230	1.280		1.120	1.230									
		0.000			0.000									
								B+F	***0.0083***					
								Allowable:	***0.0093***					
TP134										**8.4192**	*0.1983*	65167	0.0134	***8.4326***
	7.030			6.830										
Forward (1177/23)	5.815	1.215	5.8150	5.600	1.230	5.6000	-3.000	489	0.2150					
	4.600	1.215		4.370	1.230									
		0.000			0.000									
	6.930			7.040										
Backward (1177/42)	5.660	1.270	5.6567	5.870	1.170	5.8700	21.000	489	-0.2133					
	4.380	1.280		4.700	1.170									
		-0.010			0.000									
								B+F	***0.0017***					
								Allowable:	***0.0091***					
TP135										**8.6333**	*0.2000*	65656	0.0135	***8.6468***
	6.470			6.545										
Forward (1177/23)	5.235	1.235	5.2333	5.290	1.255	5.2883	-4.000	499	-0.0550					
	3.995	1.240		4.030	1.260									
		-0.005			-0.005									
	6.540			6.475										
Backward (1177/42)	5.285	1.255	5.2850	5.230	1.245	5.2317	2.500	499.5	0.0533					
	4.030	1.255		3.990	1.240									
		0.000			0.005									
								B+F	***-0.0017***					

								Allowable:	***0.0092***				
TP136										**8.5792**	*0.1983*	66156	0.0136	***8.5928***
	6.560			7.185										
Forward (1177/23)	5.320	1.240	5.3233	5.940	1.245	5.9383	-2.500	496.5	-0.6150					
	4.090	1.230		4.690	1.250									
		0.010			-0.005									
	7.200			6.535										
Backward (1177/42)	5.935	1.265	5.9350	5.315	1.220	5.3167	9.500	496.5	0.6183					
	4.670	1.265		4.100	1.215									
		0.000			0.005									
								B+F	***0.0033***					
								Allowable:	***0.0092***					
TP137										**7.9625**	*0.2017*	66652	0.0137	***7.9762***
	7.160			6.110										
Forward (1177/23)	5.860	1.300	5.8600	4.805	1.305	4.8050	-1.000	521	1.0550					
	4.560	1.300		3.500	1.305									
		0.000			0.000									
	6.170			7.250										
Backward (1177/42)	4.880	1.290	4.8833	5.940	1.310	5.9367	-6.000	520	-1.0533					
	3.600	1.280		4.620	1.320									
		0.010			-0.010									
								B+F	***0.0017***					
								Allowable:	***0.0094***					
TP138										**9.0167**	*0.2033*	67173	0.0138	***9.0305***
	6.170			6.060										
Forward (1177/24)	4.945	1.225	4.9450	4.840	1.220	4.8400	1.000	489	0.1050					
	3.720	1.225		3.620	1.220									
		0.000			0.000									
	6.020			6.130										
Backward (1177/42)	4.800	1.220	4.8033	4.905	1.225	4.9050	-2.000	488	-0.1017					
	3.590	1.210		3.680	1.225									
		0.010			0.000									
								B+F	***0.0033***					
								Allowable:	***0.0091***					
TP139										**9.1200**	*0.2067*	67661	0.0139	***9.1339***
	6.280			6.230										
Forward (1177/24)	5.140	1.140	5.1400	5.070	1.160	5.0700	-4.000	460	0.0700					
	4.000	1.140		3.910	1.160									
		0.000			0.000									

	6.110			6.145										
Backward (1177/41)	4.945	1.165	4.9450	5.010	1.135	5.0083	5.500	460.5	-0.0633					
	3.780	1.165		3.870	1.140									
		0.000			-0.005									
								B+F	***0.0067***					
								Allowable:	***0.0089***					
TP140										**9.1867**	*0.2133*	68121	0.0140	***9.2007***
	5.855			6.270										
Forward (1177/24)	4.625	1.230	4.6250	5.020	1.250	5.0183	-4.500	496.5	-0.3933					
	3.395	1.230		3.765	1.255									
		0.000			-0.005									
	6.210			5.700										
Backward (1177/41)	4.910	1.300	4.9100	4.515	1.185	4.5167	23.500	496.5	0.3933					
	3.610	1.300		3.335	1.180									
		0.000			0.005									
								B+F	***0.0000***					
								Allowable:	***0.0092***					
TP141										**8.7933**	*0.2133*	68618	0.0141	***8.8074***
	4.840			5.070										
Forward (1177/24)	3.790	1.050	3.7900	4.040	1.030	4.0367	3.000	417	-0.2467					
	2.740	1.050		3.000	1.040									
		0.000			-0.010									
	4.910			4.675										
Backward (1177/41)	3.875	1.035	3.8750	3.620	1.055	3.6217	-3.500	417.5	0.2533					
	2.840	1.035		2.570	1.050									
		0.000			0.005									
								B+F	***0.0067***					
								Allowable:	***0.0084***					
TP142										**8.5433**	*0.2200*	69035	0.0142	***8.5575***
	6.530			6.780										
Forward (1177/24)	5.340	1.190	5.3383	5.570	1.210	5.5700	-3.500	480.5	-0.2317					
	4.145	1.195		4.360	1.210									
		-0.005			0.000									
	6.640			6.475										
Backward (1177/41)	5.475	1.165	5.4767	5.235	1.240	5.2367	-15.000	480	0.2400					
	4.315	1.160		4.000	1.235									
		0.005			0.005									
								B+F	***0.0083***					

							Allowable:	***0.0090***					
TP143									**8.3075**	*0.2283*	69515	0.0143	***8.3218***
	6.465			5.070									
Forward (1177/24)	5.255	1.210	5.2567	3.870	1.200	3.8733	2.500	480.5	1.3833				
	4.050	1.205		2.680	1.190								
		0.005			0.010								
	4.945			6.350									
Backward (1177/41)	3.760	1.185	3.7583	5.140	1.210	5.1367	-5.500	480.5	-1.3783				
	2.570	1.190		3.920	1.220								
		-0.005			-0.010								
							B+F	***0.0050***					
							Allowable:	***0.0091***					
TP144									**9.6883**	*0.2333*	69996	0.0144	***9.7027***
	5.560			6.780									
Forward (1177/25)	4.310	1.250	4.3067	5.540	1.240	5.5400	3.000	499	-1.2333				
	3.050	1.260		4.300	1.240								
		-0.010			0.000								
	6.910			5.645									
Backward (1177/41)	5.650	1.260	5.6500	4.410	1.235	4.4117	5.500	498.5	1.2383				
	4.390	1.260		3.180	1.230								
		0.000			0.005								
							B+F	***0.0050***					
							Allowable:	***0.0092***					
TP145									**8.4525**	*0.2383*	70495	0.0145	***8.4670***
	7.060			6.290									
Forward (1177/25)	5.790	1.270	5.7900	5.030	1.260	5.0317	2.500	505.5	0.7583				
	4.520	1.270		3.775	1.255								
		0.000			0.005								
	6.265			7.010									
Backward (1177/40)	5.000	1.265	5.0000	5.750	1.260	5.7500	1.000	505	-0.7500				
	3.735	1.265		4.490	1.260								
		0.000			0.000								
							B+F	***0.0083***					
							Allowable:	***0.0093***					
TP146									**9.2067**	*0.2467*	71000	0.0146	***9.2213***
	5.460			5.390									
Forward (1177/25)	4.550	0.910	4.5500	4.500	0.890	4.4967	3.000	361	0.0533				
	3.640	0.910		3.600	0.900								
		0.000			-0.010								

	5.320			5.385										
Backward (1177/40)	4.420	0.900	4.4200	4.480	0.905	4.4783	-1.500	361.5	-0.0583					
	3.520	0.900		3.570	0.910									
		0.000			-0.005									
								B+F	***-0.0050***					
								Allowable:	***0.0078***					
TP147										**9.2625**	*0.2417*	71361	0.0147	***9.2772***
	8.530			5.390										
Forward (1177/25)	7.295	1.235	7.2967	4.160	1.230	4.1633	1.500	491.5	3.1333					
	6.065	1.230		2.940	1.220									
		0.005			0.010									
	5.335			8.410										
Backward (1177/40)	4.075	1.260	4.0750	7.205	1.205	7.2083	12.000	492	-3.1333					
	2.815	1.260		6.010	1.195									
		0.000			0.010									
								B+F	***0.0000***					
								Allowable:	***0.0092***					
TP148										**12.3958**	*0.2417*	71853	0.0148	***12.4106***
	5.040			6.770										
Forward (1177/25)	4.135	0.905	4.1350	5.860	0.910	5.8600	-1.000	363	-1.7250					
	3.230	0.905		**4.950**	0.910									
		0.000			0.000									
	6.700			4.860										
Backward (1177/40)	5.735	0.965	5.7367	4.005	0.855	4.0050	21.500	363.5	1.7317					
	4.775	0.960		3.150	0.855									
		0.005			0.000									
								B+F	***0.0067***					
								Allowable:	***0.0079***					
TP149										**10.6675**	*0.2483*	72216	0.0148	***10.6823***
	4.170			5.190										
Forward (1177/25)	2.890	1.280	2.8933	3.920	1.270	3.9200	1.000	509	-1.0267					
	1.620	1.270		2.650	1.270									
		0.010			0.000									
	5.340			4.310										
Backward (1177/40)	4.070	1.270	4.0700	3.040	1.270	3.0400	0.000	508	1.0300					
	2.800	1.270		1.770	1.270									
		0.000			0.000									
								B+F	***0.0033***					

								Allowable:	***0.0093***				
TP150										**9.6392**	*0.2517*	72725	0.0149	***9.6541***
	5.960			6.470										
Forward (1177/26)	4.630	1.330	4.6300	5.160	1.310	5.1633	5.000	527	-0.5333					
	3.300	1.330		3.860	1.300									
		0.000			0.010									
	6.520			6.060										
Backward (1177/40)	5.240	1.280	5.2417	4.700	1.360	4.7000	-16.500	527.5	0.5417					
	3.965	1.275		3.340	1.360									
		0.005			0.000									
								B+F	***0.0083***					
								Allowable:	***0.0095***					
TP151										**9.1017**	*0.2600*	73252	0.0151	***9.1167***
	6.735			6.660										
Forward (1177/26)	5.475	1.260	5.4733	5.350	1.310	5.3483	-10.000	515	0.1250					
	4.210	1.265		4.035	1.315									
		-0.005			-0.005									
	6.745			6.840										
Backward (1177/39)	5.440	1.305	5.4400	5.570	1.270	5.5700	7.000	515	-0.1300					
	4.135	1.305		4.300	1.270									
		0.000			0.000									
								B+F	***-0.0050***					
								Allowable:	***0.0094***					
TP152										**9.2292**	*0.2550*	73767	0.0152	***9.2443***
	6.280			6.670										
Forward (1177/26)	5.030	1.250	5.0300	5.410	1.260	5.4100	-2.000	502	-0.3800					
	3.780	1.250		4.150	1.260									
		0.000			0.000									
	6.655			6.300										
Backward (1177/39)	5.410	1.245	5.4117	5.030	1.270	5.0317	-5.000	502	0.3800					
	4.170	1.240		3.765	1.265									
		0.005			0.005									
								B+F	***0.0000***					
								Allowable:	***0.0093***					
TP153										**8.8492**	*0.2550*	74269	0.0153	***8.8644***
	6.290			5.990										
Forward (1177/26)	4.960	1.330	4.9583	4.630	1.360	4.6317	-5.000	538	0.3267					
	3.625	1.335		3.275	1.355									
		-0.005			0.005									

	5.920			6.260										
Backward (1177/39)	4.585	1.335	4.5850	4.910	1.350	4.9067	-4.000	538	-0.3217					
	3.250	1.335		3.550	1.360									
		0.000			-0.010									
								B+F	***0.0050***					
								Allowable:	***0.0096***					
TP154										**9.1733**	*0.2600*	74807	0.0154	***9.1887***
	6.250			6.320										
Forward (1177/26)	5.030	1.220	5.0300	5.045	1.275	5.0467	-10.500	498.5	-0.0167					
	3.810	1.220		3.775	1.270									
		0.000			0.005									
	6.410			6.350										
Backward (1177/39)	5.145	1.265	5.1450	5.130	1.220	5.1267	8.000	498	0.0183					
	3.880	1.265		3.900	1.230									
		0.000			-0.010									
								B+F	***0.0017***					
								Allowable:	***0.0092***					
TP155										**9.1558**	*0.2617*	75305	0.0155	***9.1713***
	6.660			6.740										
Forward (1177/26)	5.330	1.330	5.3267	5.410	1.330	5.4083	0.500	533.5	-0.0817					
	3.990	1.340		4.075	1.335									
		-0.010			-0.005									
	6.670			6.600										
Backward (1177/39)	5.345	1.325	5.3417	5.260	1.340	5.2600	-2.000	534	0.0817					
	4.010	1.335		3.920	1.340									
		-0.010			0.000									
								B+F	***0.0000***					
								Allowable:	***0.0095***					
TP156										**9.0742**	*0.2617*	75839	0.0156	***9.0898***
	6.280			5.410										
Forward (1177/27)	5.030	1.250	5.0300	4.160	1.250	4.1600	0.000	500	0.8700					
	3.780	1.250		2.910	1.250									
		0.000			0.000									
	5.430			6.265										
Backward (1177/39)	4.165	1.265	4.1650	5.030	1.235	5.0317	6.500	499.5	-0.8667					
	2.900	1.265		3.800	1.230									
		0.000			0.005									
								B+F	***0.0033***					

								Allowable:	***0.0092***				
TP157										**9.9425**	*0.2650*	76339	0.0157	***9.9582***
	5.870			7.090										
Forward (1177/27)	4.645	1.225	4.6417	5.840	1.250	5.8367	-5.000	497	-1.1950					
	3.410	1.235		4.580	1.260									
		-0.010			-0.010									
	6.995			5.700										
Backward (1177/38)	5.705	1.290	5.7067	4.505	1.195	4.5050	18.500	496.5	1.2017					
	4.420	1.285		3.310	1.195									
		0.005			0.000									
								B+F	***0.0067***					
								Allowable:	***0.0092***					
TP158										**8.7442**	*0.2717*	76835	0.0158	***8.7600***
	6.700			5.965										
Forward (1177/27)	5.550	1.150	5.5500	4.795	1.170	4.7950	-4.000	464	0.7550					
	4.400	1.150		3.625	1.170									
		0.000			0.000									
	6.070			6.790										
Backward (1177/38)	4.890	1.180	4.8933	5.650	1.140	5.6467	6.000	464	-0.7533					
	3.720	1.170		4.500	1.150									
		0.010			-0.010									
								B+F	***0.0017***					
								Allowable:	***0.0089***					
TP159										**9.4983**	*0.2733*	77299	0.0159	***9.5142***
	6.145			6.105										
Forward (1177/27)	4.930	1.215	4.9317	4.900	1.205	4.9017	2.000	483	0.0300					
	3.720	1.210		3.700	1.200									
		0.005			0.005									
	6.105			6.165										
Backward (1177/38)	4.915	1.190	4.9167	4.940	1.225	4.9400	-7.500	482.5	-0.0233					
	3.730	1.185		3.715	1.225									
		0.005			0.000									
								B+F	***0.0067***					
								Allowable:	***0.0091***					
TP160										**9.5250**	*0.2800*	77782	0.0160	***9.5410***
	5.890			6.535										
Forward (1177/27)	4.610	1.280	4.6133	5.235	1.300	5.2367	-4.500	514.5	-0.6233					
	3.340	1.270		3.940	1.295									
		0.010			0.005									

	6.440			5.845										
Backward (1177/38)	5.170	1.270	5.1683	4.545	1.300	4.5433	-6.000	515	0.6250					
	3.895	1.275		3.240	1.305									
		-0.005			-0.005									
								B+F	***0.0017***					
								Allowable:	***0.0094***					
TP161										**8.9008**	*0.2817*	78297	0.0161	***8.9169***
	6.850			5.750										
Forward (1177/27)	5.650	1.200	5.6467	4.530	1.220	4.5317	-2.500	484.5	1.1150					
	4.440	1.210		3.315	1.215									
		-0.010			0.005									
	5.765			6.910										
Backward (1177/38)	4.570	1.195	4.5717	5.680	1.230	5.6800	-7.500	484.5	-1.1083					
	3.380	1.190		4.450	1.230									
		0.005			0.000									
								B+F	***0.0067***					
								Allowable:	***0.0091***					
TP162										**10.0125**	*0.2883*	78781	0.0162	***10.0287***
	5.530			6.570										
Forward (1177/28)	4.290	1.240	4.2900	5.320	1.250	5.3233	-1.000	497	-1.0333					
	3.050	1.240		4.080	1.240									
		0.000			0.010									
	6.540			5.440										
Backward (1177/38)	5.265	1.275	5.2667	4.225	1.215	4.2283	12.500	496.5	1.0383					
	3.995	1.270		3.020	1.205									
		0.005			0.010									
								B+F	***0.0050***					
								Allowable:	***0.0092***					
TP163										**8.9767**	*0.2933*	79278	0.0163	***8.9930***
	6.830			5.750										
Forward (1177/28)	5.580	1.250	5.5800	4.500	1.250	4.4983	-0.500	500.5	1.0817					
	4.330	1.250		3.245	1.255									
		0.000			-0.005									
	5.750			6.800										
Backward (1177/37)	4.480	1.270	4.4800	5.570	1.230	5.5667	7.000	501	-1.0867					
	3.210	1.270		4.330	1.240									
		0.000			-0.010									
								B+F	***-0.0050***					

								Allowable:	***0.0092***				
TP164										**10.0608**	*0.2883*	79779	0.0164	***10.0772***
	5.325			6.175										
Forward (1177/28)	4.100	1.225	4.0967	4.970	1.205	4.9683	4.500	487.5	-0.8717					
	2.865	1.235		3.760	1.210									
		-0.010			-0.005									
	6.210			5.345										
Backward (1177/37)	5.000	1.210	5.0000	4.120	1.225	4.1217	-2.500	486.5	0.8783					
	3.790	1.210		2.900	1.220									
		0.000			0.005									
								B+F	***0.0067***					
								Allowable:	***0.0091***					
TP165										**9.1858**	*0.2950*	80266	0.0165	***9.2023***
	6.930			7.120										
Forward (1177/28)	5.710	1.220	5.7100	5.890	1.230	5.8867	-3.000	491	-0.1767					
	4.490	1.220		4.650	1.240									
		0.000			-0.010									
	7.190			6.870										
Backward (1177/37)	5.900	1.290	5.9000	5.710	1.160	5.7067	25.000	491	0.1933					
	4.610	1.290		4.540	1.170									
		0.000			-0.010									
								B+F	***0.0167***					
								Allowable:	***0.0091***					
TP166										**9.0008**	*0.3117*	80757	0.0166	***9.0174***
	5.845			5.550										
Forward (1177/28)	4.690	1.155	4.6917	4.400	1.150	4.3983	0.000	461	0.2933					
	3.540	1.150		3.245	1.155									
		0.005			-0.005									
	5.740			5.980										
Backward (1177/37)	4.560	1.180	4.5600	4.850	1.130	4.8517	10.500	461.5	-0.2917					
	3.380	1.180		3.725	1.125									
		0.000			0.005									
								B+F	***0.0017***					
								Allowable:	***0.0089***					
TP167										**9.2933**	*0.3133*	81218	0.0167	***9.3100***
	6.970			7.220										
Forward (1177/28)	5.730	1.240	5.7300	5.960	1.260	5.9567	-5.000	501	-0.2267					
	4.490	1.240		4.690	1.270									
		0.000			-0.010									

	7.225			6.990										
Backward (1177/37)	5.970	1.255	5.9683	5.740	1.250	5.7367	0.500	502.5	0.2317					
	4.710	1.260		4.480	1.260									
		-0.005			-0.010									
								B+F	***0.0050***					
								Allowable:	***0.0092***					
TP168										**9.0642**	*0.3183*	81720	0.0168	***9.0810***
	6.180			5.480										
Forward (1177/29)	4.935	1.245	4.9367	4.240	1.240	4.2400	0.500	496.5	0.6967					
	3.695	1.240		3.000	1.240									
		0.005			0.000									
	5.460			6.070										
Backward (1177/37)	4.180	1.280	4.1783	4.870	1.200	4.8733	17.500	495.5	-0.6950					
	2.895	1.285		3.680	1.190									
		-0.005			0.010									
								B+F	***0.0017***					
								Allowable:	***0.0092***					
TP169										**9.7600**	*0.3200*	82216	0.0169	***9.7769***
	5.420			6.350										
Forward (1177/29)	4.115	1.305	4.1167	5.040	1.310	5.0400	-1.500	522.5	-0.9233					
	2.815	1.300		3.730	1.310									
		0.005			0.000									
	6.445			5.475										
Backward (1177/36)	5.120	1.325	5.1183	4.190	1.285	4.1883	8.000	523	0.9300					
	3.790	1.330		2.900	1.290									
		-0.005			-0.005									
								B+F	***0.0067***					
								Allowable:	***0.0094***					
TP170										**8.8333**	*0.3267*	82739	0.0170	***8.8503***
	4.410			3.335										
Forward (1177/29)	3.170	1.240	3.1717	2.070	1.265	2.0717	-5.000	500	1.1000					
	1.935	1.235		0.810	1.260									
		0.005			0.005									
	4.480			5.500										
Backward (1177/36)	3.190	1.290	3.1900	4.280	1.220	4.2833	15.000	501	-1.0933					
	1.900	1.290		3.070	1.210									
		0.000			0.010									
								B+F	***0.0067***					

									Allowable:	***0.0092***				
TP171											**9.9300**	*0.3333*	83239	0.0171	***9.9471***
		5.140			5.720										
Forward (1177/29)		3.820	1.320	3.8200	4.410	1.310	4.4100	2.000	526						
		2.500	1.320		3.100	1.310									
			0.000			0.000									
	TP172														
		6.260			5.550										
		4.980	1.280	4.9817	4.245	1.305	4.2450	-5.500	516.5						
		3.705	1.275		2.940	1.305									
			0.005			0.000									
	TP173														
		6.305			5.875										
		5.040	1.265	5.0400	4.570	1.305	4.5717	-7.500	513.5						
		3.775	1.265		3.270	1.300									
			0.000			0.005									
	TP174														
		5.380			5.570										
		4.060	1.320	4.0633	4.260	1.310	4.2600	1.000	525						
		2.750	1.310		2.950	1.310									
			0.010			0.000									
	TP175														
		5.560			5.650										
		4.300	1.260	4.3000	4.360	1.290	4.3617	-5.500	509.5						
		3.040	1.260		3.075	1.285									
			0.000			0.005									
	TP176														
		5.480			5.500										
		4.230	1.250	4.2300	4.240	1.260	4.2367	-3.000	503						
		2.980	1.250		2.970	1.270									
			0.000			-0.010									
	TP177														
		5.445			5.530										
		4.170	1.275	4.1683	4.230	1.300	4.2300	-4.500	515.5						
		2.890	1.280		2.930	1.300									
			-0.005			0.000									
	TP178														
		5.740			5.635										
		4.470	1.270	4.4733	4.360	1.275	4.3617	-1.500	507.5						
		3.210	1.260		3.090	1.270									
			0.010			0.005									
	TP179														

	5.845			5.810					
	4.575	1.270	4.5750	4.520	1.290	4.5200	-4.000	512	
	3.305	1.270		3.230	1.290				
		0.000			0.000				
TP180									
	5.445			5.520					
	4.185	1.260	4.1850	4.245	1.275	4.2450	-3.000	507	
	2.925	1.260		2.970	1.275				
		0.000			0.000				
TP181									
	5.390			6.050					
	4.145	1.245	4.1433	4.790	1.260	4.7883	-3.000	502	
	2.895	1.250		3.525	1.265				
		-0.005			-0.005				
TP182									
	4.520			4.020					
	4.295	0.225	4.2950	3.790	0.230	3.7900	-1.000	91	0.2550
	4.070	0.225		3.560	0.230				
		0.000			0.000				
	5.250			5.715					
Backward run (1177/31)	3.945	1.305	3.9417	4.390	1.325	4.3917	-2.500	526.5	
	2.630	1.315		3.070	1.320				
		-0.010			0.005				
TP184									
	5.630			5.530					
	4.390	1.240	4.3933	4.280	1.250	4.2833	-2.000	496	
	3.160	1.230		3.040	1.240				
		0.010			0.010				
TP185									
	5.805			5.960					
	4.560	1.245	4.5583	4.730	1.230	4.7300	3.500	495.5	
	3.310	1.250		3.500	1.230				
		-0.005			0.000				
TP186									
	5.380			5.310					
	4.130	1.250	4.1300	4.060	1.250	4.0600	0.000	500	
	2.880	1.250		2.810	1.250				
		0.000			0.000				
TP187									
	5.190			5.285					
	3.940	1.250	3.9433	4.040	1.245	4.0417	0.500	497.5	

	2.700	1.240		2.800	1.240				
		0.010			0.005				
TP188									
	5.170			5.080					
	3.930	1.240	3.9300	3.840	1.240	3.8400	0.000	496	
	2.690	1.240		2.600	1.240				
		0.000			0.000				
TP189									
	5.425			5.400					
	4.200	1.225	4.1983	4.165	1.235	4.1650	-1.500	492.5	
	2.970	1.230		2.930	1.235				
		-0.005			0.000				
TP190									
	5.280			5.510					
	4.040	1.240	4.0400	4.250	1.260	4.2500	-4.000	500	
	2.800	1.240		2.990	1.260				
		0.000			0.000				
TP191									
	5.885			5.570					
	4.635	1.250	4.6333	4.330	1.240	4.3333	3.500	497.5	
	3.380	1.255		3.100	1.230				
		-0.005			0.010				
TP192									
	5.270			5.420					
	4.030	1.240	4.0333	4.190	1.230	4.1917	1.500	492.5	
	2.800	1.230		2.965	1.225				
		0.010			0.005				
TP193									
	5.470			5.290					
	4.250	1.220	4.2500	4.070	1.220	4.0700	0.000	488	
	3.030	1.220		2.850	1.220				
		0.000			0.000				
TP194									
	5.880			6.370					
	4.645	1.235	4.6450	5.150	1.220	5.1533	4.000	490	
	3.410	1.235		3.940	1.210				
		0.000			0.010				
TP195									
	5.070			4.510					
	4.425	0.645	4.4217	3.835	0.675	3.8367	-4.500	264.5	-0.2283
	3.770	0.655		3.165	0.670				
		-0.010			0.005				

			B+F	***0.0267***				
			Allowable:	***0.0319***				
TP183 BM N 33 (Publ.)					**10.1717**	*0.3653*	89222	***0.0183***	***10.1900***
(1177/31)						*(Miles):*	16.90		
					Allowable misclosure:	***0.1233***			
					Actual misclosure (A-O):	***0.0183***			
	Total no. of setups:	368			"Misclosure per setup":	*0.0010*			

R.P. Elev.
11.94
Hydrogage, Inc.
11-15-02