DRAFT

Property of
Flood Control District of MC Library
Please Return to
2801 W. Durango
Phoenix, AZ 85009

SALT RIVER

51ST AVENUE TO 35TH AVENUE

HYDRAULIC AND SEDIMENT TRANSPORT STUDY

December 4, 1985

VASQUEZ ENGINEERING ASSOCIATES LTD. CONSULTING ENGINEERS • TUCSON, ARIZONA
99 WEST ALAMEDA • (602) 791-9627

A MINORITY OWNED BUSINESS

CONSULTING
ENGINEERS
LTD.

FRANK M. VASQUEZ P.E., R.L.S.
E. BRUCE WILSON P.E., R.L.S.
JON B. SEBBA P.E.

DRAFT

SALT RIVER

51ST AVENUE TO 35TH AVENUE

HYDRAULIC AND SEDIMENT TRANSPORT STUDY

December 4, 1985

NINETY-NINE WEST ALAMEDA • TUCSON, ARIZONA • 85701/(602) 791-9627

TABLE OF CONTENTS

		Page
I	INTRODUCTION	1
	A. GENERAL	1
	B. OWNERSHIP OF SURROUNDING PROPERTIES	4
	C. PURPOSE OF STUDY	5
	D. SPECIAL CONDITIONS	6
	E. PARAMETERS	6
II	METHODOLOGY	7
	A. HYDROGRAPH	7
	B. MATERIAL GRAIN-SIZE DISTRUBITION	7
	C. SAND AND GRAVEL MINING	12
	D. GEOMETRY OF PROPOSED BANK STABILIZATION	12
	E. BRIDGES	14
	F. HEC-2	14
	G. FLUVIAL-11 - THEORY AND METHOD OF ANALYSIS	16
III	RESULTS	19
IV	SUMMARY	23
V	COST ESTIMATE	26
VI	REFERENCES	28

INTRODUCTION

GENERAL:

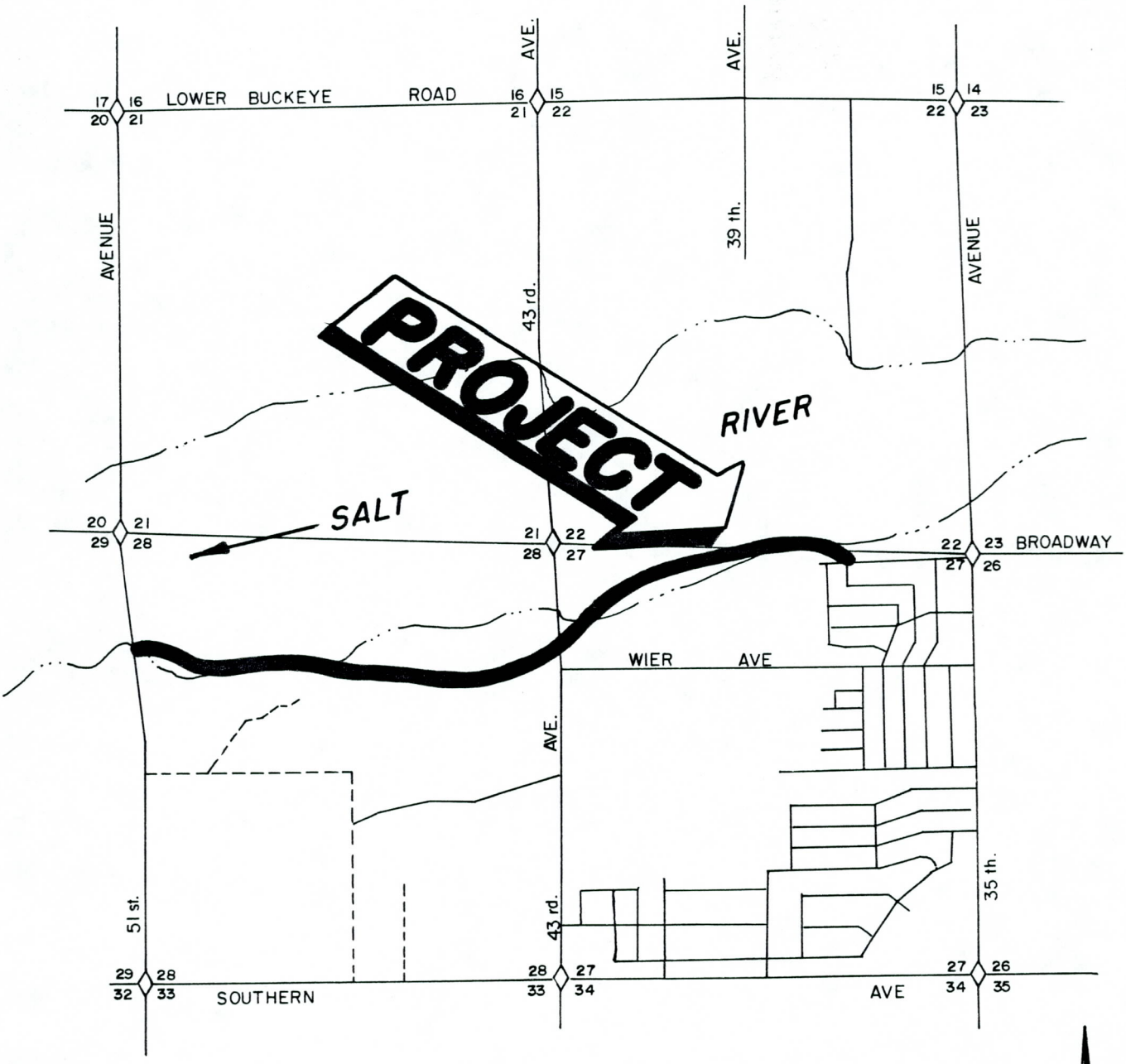
While the Salt River is normally a dry alluvial channel, during the periods of heavy flooding the Salt River Project discharges flows from the upstream reservoir systems. The discharge is currently restricted by channelization from the 35th Avenue bridge to Sky Harbor Airport. The reach downstream from the 35th Avenue Bridge is the first location in which the Salt River widens. The Salt River is a meandering stream with notable banks.

The study encompasses two individual reaches of the Salt River and will be refered to as follows:

STUDY REACH: Located between Section Numbers 6.035 adn 11.036 as shown on the Maricopa County Flood Control District Floodway mapping. The study reach is located within Sections 30, 29, 28, 27 and 26 of Township 1 North, Range 2 East.

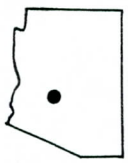
PROJECT REACH: Located within the study reach, between 51st Avenue and 35th Avenue. It is bounded by Lower Buckeye Road to the North, Broadway - Weir Avenue and Southern Avenue to the South.

The study reach is located within Maricopa County, figure 1, and adjoins the city limits of Phoenix along the Northern portion.



LOCATION MAP

T. 1 N., R. 2 E. MARICOPA COUNTY, ARIZONA



SCALE 1:24000

FIGURE 1

This report was prepared for the Maricopa County Highway Department and the Flood Control District of Maricopa County.

OWNERSHIP OF SURROUNDING PROPERTIES

Phoenix Sand and Gravel is the present owners of the property along the North bank, East of 43rd Avenue. Sand and gravel mining operations are currently in progress.

CALMAT properties include the area along the South bank, East of 51st Avenue. There are no current mining operations in progress, CALMAT has plans to fully develop mining operations and at a future date they will recover the area and develop it for housing.

Other properties within the project reach include a subdivision development West of 35th Avenue and south of Broadway Road; farming and ranch parcels north of Wier Road, between 43rd Avenue and the subdivision development.

PURPOSE OF STUDY

The study of the Salt River will provide an analysis of existing and predicted hydraulic conditions after construction of the proposed bank stabilization. The analysis will determine the impact of the existing sand and gravel operations within the area. The impact of these operations at great depths will also be determined. The analysis will show effects of the bank stabilization on the 100-year flood limit line along the Northern bank.

This study of the Salt River will aid in the design of bank stabilization along the South bank of the Salt River, beginning at 51st Avenue and ending approximately 1500 feet westerly of 35th Avenue. The study will determine the water surface elevation and the general river scour in the 100-year flooding event.

Construction of the proposed bank stabilization will provide protection against the lateral migration of the Salt River and protect the proposed extension of Broadway Road from 35th Avenue to 51st Avenue.

SPECIAL CONDITIONS

There are existing bridges at both ends of the project reach. The Oridge at 51st Avenue was designed in 1980 and is 1602 feet long. The bridge at 35th Avenue ~~bridge~~ was designed in 1982 and is 505 feet long. Both bridges were designed for a discharge rate of 200,000 cubic feet per second.

There are sand and gravel mining operation along the Northern / Southern banks. The northern bank operation currently covers an area of 114 acres and are approximately 30 feet in depth. The operation on the southern bank, west of 43rd Avenue, lies outside of the 100-year floodplain. There are proposed sand and gravel mining operations along the South bank, east of 52nd Avenue.

PARAMETERS

A design discharge rate of 190,000 cubic feet per second was selected by the Flood Control District of Maricopa County. Cross-sections, appendix 3, were obtained from the Flood Control District. The data was generated for the HEC-2 model that was used in producing FEMA Flood Mapping. The same model was edited for use on the study reach. Cross sections with numbers smaller than 6.035 and greater than 11.036 were removed. The model was rerun with the updated version of HEC-2 and the HEC-2 Editor. Data modifications were made to remove caution flags that were found.

The design elevation of the top of the bank stabilization will be equal to the computed water surface elevation of the 100-year flood event.

Horizontal alignment of the proposed bank stabilization will follow the floodway line as determined in the FEMA study as closely as possible.

METHODOLOGY

HYDROGRAPH

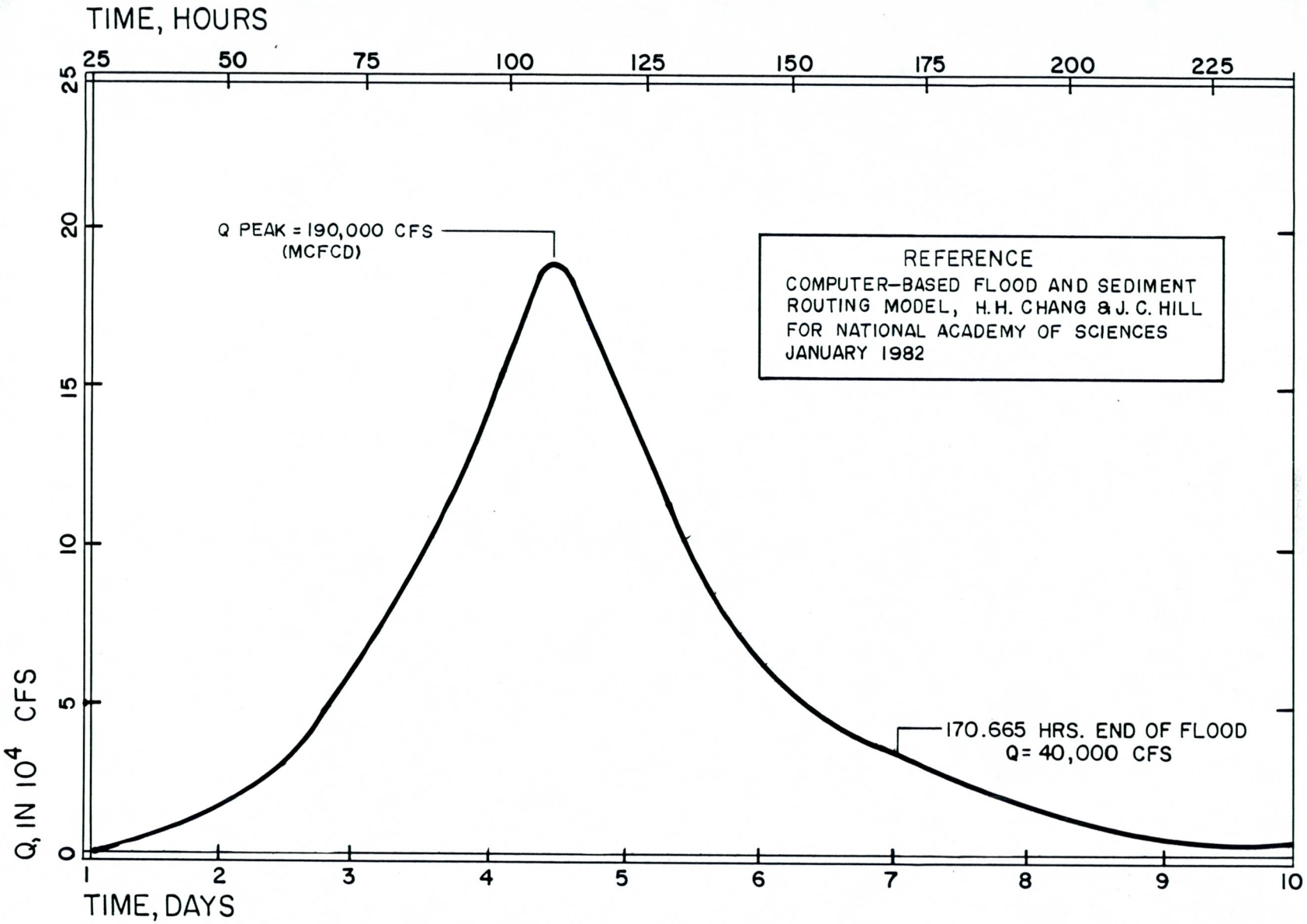
The hydrograph, figure 2, for this study of the Salt River was derived from the report provided by H.H. Chang and J. C. Hill to the National Academy of Sciences in January of 1982, reference 6. The hydrograph simulates a discharge rate over 240 hours, with the peak occurring near the 110th hour. The peak discharge rate was 190,000 cubic feet per second.

A second hydrograph with a peak of 195,000 cubic feet per second was used for the reach sections containing 10.00 through 11.13.

A 10 point hydrograph was encoded into the FLUVIAL-11 model.

MATERIAL GRAIN-SIZE DISTRIBUTION

Although bed materials of the Salt River consist of coarse gravels, figure 3, the sediment load is comprised of finer fractions of materials in the sand size range shown in the computed results. The bed material size used in this study was obtained from 51st Avenue



SALT RIVER 100-YEAR FLOOD HYDROGRAPH **FIGURE 2**

bridge hydraulic study by Southwest Computing Inc. and Nicholas-Cowle and Associates. The gradation curve used for the study is shown in figure 3. The dashed line represents the average gradation curve for the samples tested and the solid lines represent the range. Testing was performed with a percussion drill which breaks up large boulders. Therefore, a modification was made at the upper end of the gradation curve. The average diameter used in the study for 51st Avenue is 3.16mm. In discussions with personnel from City of Phoenix, it was found that average diameter is approximately 6mm and that the fines increase downstream from 35th Avenue.

The gradation curve was further adjusted to the geometric mean of the representative sizes. Comparative sizing used within the FLUVIAL-11 computer model places the D50 at 10mm.

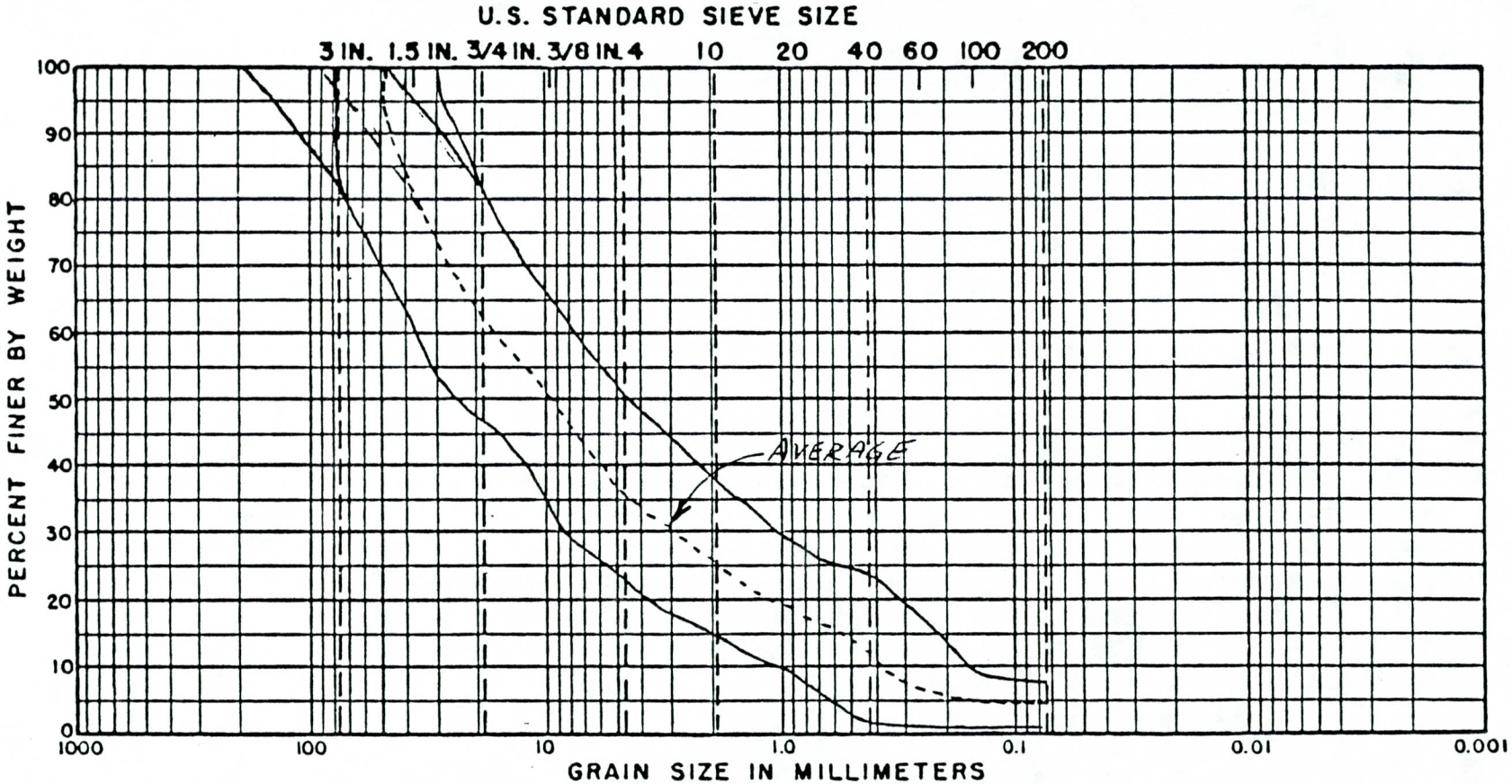
Initial sediment compositions of channel material at upstream and downstream sections is input in the FLUVIAL-11 model. The initial bed material composition is shown in the first page of the FLUVIAL-11 output and the average diameter is shown in the output.

Initial sediment composition downstream:

0.20 mm	10 percent
1.10 mm	20 percent
5.50 mm	20 percent
16.70 mm	20 percent
53.00 mm	30 percent

Initial sediment composition upstream:

0.25 mm	10 percent
1.50 mm	20 percent
5.90 mm	20 percent
17.80 mm	20 percent
55.00 mm	30 percent



COBBLES	GRAVEL		SAND			SILT OR CLAY
	COARSE	FINE	COARSE	MEDIUM	FINE	

	DEPTH	CLASSIFICATION		NAT. WC	LL	PL	PI	

— MODIFICATION DUE TO BROKEN COBBLES. THIS IS AN ESTIMATE BASED ON VISUAL JUDGEMENT — [illegible]

GW - Snnoy Gravel Comp. (13)

GRADATION CURVE

NICHOLAS COWIE & ASSOCIATES

FIGURE 3

SAND AND GRAVEL MINING OPERATIONS

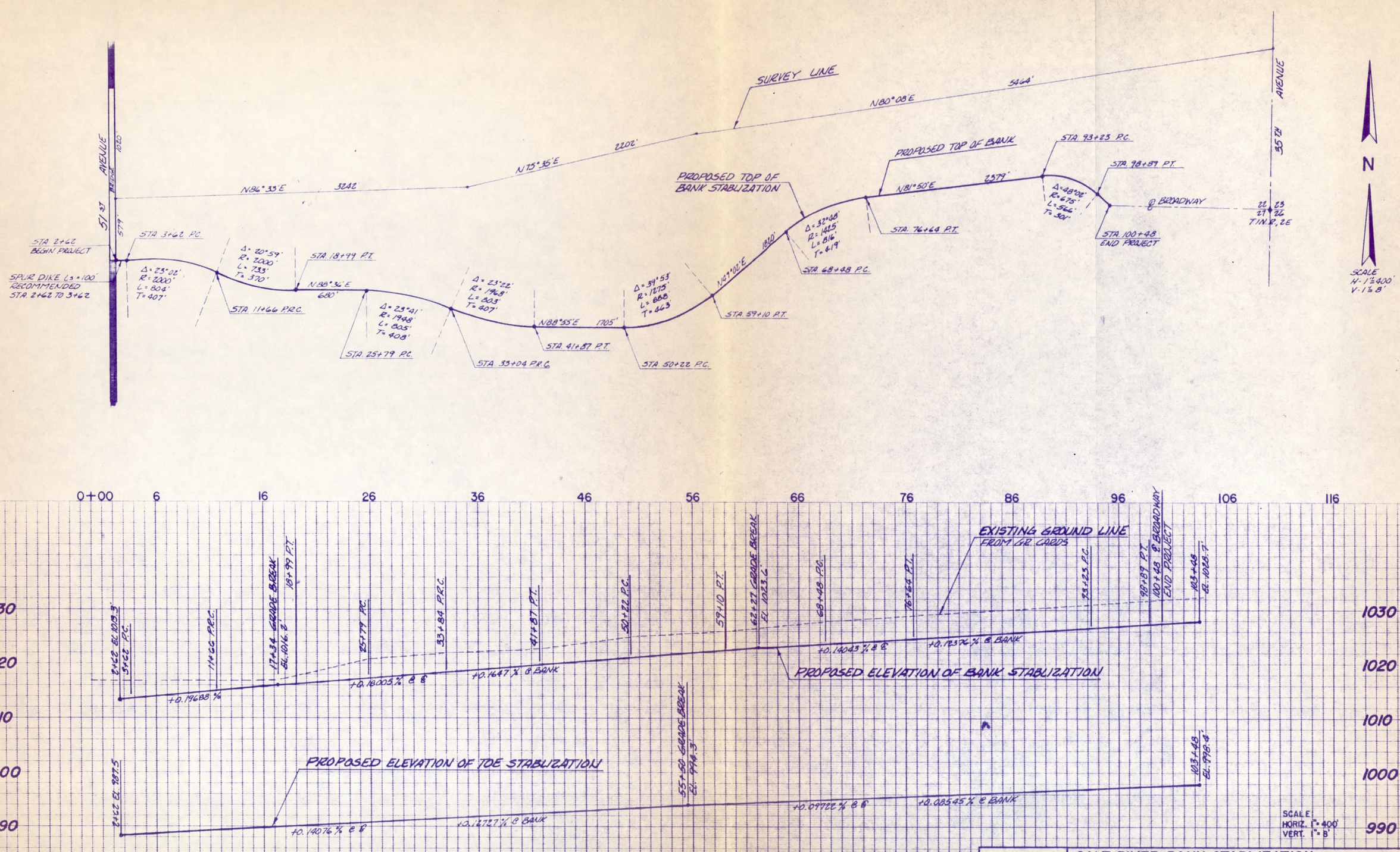
Phoenix Sand and Gravel is currently operating a sand and gravel venture on the North bank of the Salt River, appendix 1, between 43rd Avenue and 35th Avenue. Approximately 114 acres of land is currently being mined. The City of Phoenix governs the mining operations but they do not have written maximum depth regulations. The City of Phoenix restricts the mining to a maximum of 1 percent slope upstream and a 2 percent slope downstream from the operation. The borrow pit area was modelled to the depth of 40 feet.

CALMAT is the current owner of the land along the South bank of the Salt River between 51st Avenue and 43rd Avenue. No mining operations are currently underway but they will be restricted to the 40 feet depth limit by the Flood Control District of Maricopa County.

A sand and gravel operation is located west of 43rd Avenue on the South bank. The operation lies outside of the 100-year flood limit line and was not modelled.

GEOMETRY OF PROPOSED BANK STABILIZATION

The proposed stabilization of the South bank, figure 4, follows the floodway line as possible.



SCHEMATIC
NOT FOR CONSTRUCTION

NO	DATE	REVISION	BY	CH	APPR

SALT RIVER BANK STABLIZATION
51st. AVE. TO 35th. AVE. PHOENIX, MARICOPA COUNTY, AR.
PORTION OF SECTIONS 22·27 & 28 T.1N.R.2E. G&SRB&M

Ltd. CONSULTING ENGINEERS
99 W. ALAMEDA TUCSON, ARIZONA 791-9827

JOB NO: 4311·01·01·1581
DRAWN BY:
DATE: NOV. 1985
SHEET OF

The slope of the non-erodible bank is 2 feet horizontal to 1 foot vertical. The design side slope will be 1:1 for soil cement or 3:1 for dump rock riprap.

BRIDGES

The abutments of the 51st Avenue bridge were constructed at 1.5 feet horizontal to 1 foot vertical and are protected with grouted riprap. The toe-down elevation of the grouted riprap is at 975.0 msl. The channel invert below the bridge has been graded to an elevation of 995.8. As shown on the "as built" plans for the bridge, the water surface elevation for a peak discharge is at an elevation of 1011.5 msl. The elevation of the top of the abutment on the south and north banks is 1014.0 msl. The plan elevation of the roadway where the new roadway matches existing grade lines, approximately 700 feet south of the bridge, is 1010.47 msl and will allow overbank flow of 6,227 cfs in the 100-year flood event. The proposed top elevation of the bank stabilization will be at an elevation of 1013.3 msl.

The abutments of the 35th Avenue Bridge were constructed at 4 feet horizontal to 1 foot vertical on the South bank and 3 feet horizontal to 1 foot vertical on the North bank. The toe-down elevation of the dumped rock riprap is 1004 msl on the South bank and 1002 on the north bank, with a thickness of 4 feet. A 75" storm drain outfall is located on the north bank downstream from the bridge. The channel invert below the bridge was graded to an elevation of 1010.0 msl, field measurements

during November 1985 indicate the invert elevation to be at 1007 msl with standing water at an elevation of 1012 msl. As shown on the design plans, the design discharge of 200,000 reaches a water surface elevation of 1029.4 msl; 6.5 feet of freeboard was provided. The proposed bank stabilization will terminate approximately 1500 feet downstream of the 35th Avenue bridge.

HEC-2 MODEL

The program calculates water surface profiles in natural or developed channels. The computational procedure is based on the solution of the one-dimensional energy equation with energy loss due to friction evaluated with Manning's equation.

Calibration for the HEC-2 model was assumed to be in agreement with the HEC-2 data used by the Flood Control District. The starting water surface elevation of 993.92 at section 6.035 was obtained from the Flood Control District. The HEC-2 model was run using the cross-sectional data without the inclusion of the encroachment cards, or assumed to be in a natural condition. The resultant water surface elevations agree with the 100-year flood plain limits shown on the 200 scale mapping by the Flood Control District.

The Salt River was further simulated by the including the proposed bank stabilization. Computed water surface elevations remained at nearly the same elevation as in a natural condition. The effect of a

stabilized bank along the floodway had no appreciable effects on the north bank because of the high banks. The high banks are a result of dyking or stockpiles located within the properties of Phoenix Sand and Gravel and others.

FLUVIAL-11 COMPUTER MODEL

The FLUVIAL-11 computer model is a two-dimensional model, formulated and developed for flood and sediment routing in natural channels. In addition to its use in computing the hydraulics of flow and sediment transport, it is used to simulate river channel changes during the passage of a flood. One of the objectives of the model is to provide a realistic delineation of flood levels in rivers that are susceptible to significant erosion and sedimentation. The FLUVIAL-11 computer model is intended to act as an extention of existing fixed-bed or one-dimensional computer models.

The FLUVIAL-11 computer model methodology assumes that natural streams are self-regulatory in that they adjust their characteristics in response to any change in the environment. These changes may occur naturally or may be the results of such activities as development, sand mining, bridge and highway construction, and river regulation. When such changes distort the natural quasiequilibrium of streams, either aggradation or degradation, or both, occur.

With the FLUVIAL-11 model computing not only aggradation and degradation within a stream bed, it is computing width changes within erodible channels. To compute the width variation, the additional technique of stream power is used.

The concept of minimum stream power may be stated in that the stream adjusts itself in such a way that its total stream power is minimized subject to certain physical constraints. With a never ceasing tendency to attain equilibrium, a stream with constant inflows of water and sediment will eventually establish its uniform flow.

The model employs a space-time domain in which the space domain is represented by discrete cross sections, and the time domain is represented by discrete time steps. Temporal and spatial variations in flow, sediment transport, and stream bed profile are computed following an iterative procedure.

Changes in stream bed profile, at each time step, due to longitudinal and transverse variations in sediment load are simulated. Changes along the longitudinal direction, aggradation or degradation, are computed using the continuity equation for sediment movement in the longitudinal direction.

The HEC-2 format for input data is used in the FLUVIAL-11 computer model. The instruction for including the FLUVIAL-11 data cards is included in Appendix 3. Data cards for HEC-2 pertaining to cross-secitonal geometry, job title, and end of job are used. For the purpose of flood and sediment routing, additional data pertaining to sediment characteristics, flood hydrograph are required.

The FLUVIAL-11 computer model will simulate general scour over the study reach, but will not simulate local scour. The roughness coefficient "n" of 0.033 was used for the river channel. This coefficient was increased to 0.04 to simulate the bridge losses through these constrictions. The FLUVIAL model requires the removal of the SB and BT cards in the HEC-2 deck. The abutments area is simulated by making the banks non-erodible.

RESULTS

The simulated cross-sectional changes and logitudinal profiles at the peak discharges and the end of flood (assumed to be at 170 hours) are plotted in appendix 2. The plotted results show significant river channel changes that are related to the on-going mining operation and the flow constriction at the 35th Avenue bridge. Deposition is predicted to occur in the borrow pits while headward and downstream erosions are induced by the pits, figure 5. The borrow pits also have impact on the location of the thalweg which tends to be moved into the borrow pits and away from its present location near the South bank. This lateral shifting in the river flow is favorable to the stability of the proposed bank stabilization. This condition will continue to benefit the Southern bank as long as the mining operations remains clear of the South bank.

Severe scour is predicted near the 35th Avenue bridge and that length of the study reach between the bridge and the upstream end of the borrow pits. This scour is attributed to the location of the borrow pits and the small bridge opening which is protected with riprap about the abutments. The higher velocities at the bridge opening will cause scour which reaches the maximum extent during the peak flow as depicted in the plotted cross-sections. The maximum scour is expected to be partially refilled during the receding part of the flow. As the borrow pits are refilled ~~during~~ the headward erosion will also be lessened. The downstream erosion induced by the borrow pits develop

more rapidly during the rising stage of the flood event and then it decreases during the receding flood stage. The erosion results in the coarsening of the bed layer as finer particles tend to be transported first; this process in turn contributes to the partial stabilization of the channel bed. Since 1952 the channel bottom has degraded by a combination of factors. The first factor is within the Salt River Reservoir System which has blocked the sediment movement upstream of the dams. Sand and gravel which has been removed from the Salt River has not been replaced as rapidly by the upstream sediment. The second factor is the continued sand and gravel mining operations along the study reach and upstream of the study reach.

In the 100-year flood event, the entire discharge of 190,000 cubic feet per second will pass through the bridge opening at 51st Avenue. The 6,227 cubic feet per second being allowed as overbank flow on the South approach will be intercepted by the proposed bank stabilization. There will be an average of 2.3 feet of deposition within the bridge opening at the time near the end of the flood event.

General scour is predicted throughout the entire project reach. Section number 8.61 thru 9.10 indicate general scour along the proposed bank stabilization, the natural dyking within the stream bed is removed during the peak flood, deposition within the thalweg is occuring and allowing the thalweg at a future flood event to migrate towards the proposed bank stabilization. Little or no change is

occurring between section number 9.26 and 9.54 because of the influence of the borrow pits. The decrease in the sediment load being transported indicates that the borrow pits are receiving the sediment load and allowing the river velocity to decrease from an average of 7.5 feet per second to 3 feet per second. Section number 9.66 thru 10.66 indicate deposition along the South bank, the channel velocity has increased because of the borrow pits. Along with the increase in velocity a sizable increase of sediment is being removed from the thalweg. As seen on the plotted cross section, 9.79, this increase in velocity and degradation of the channel is followed by a decrease in channel width.

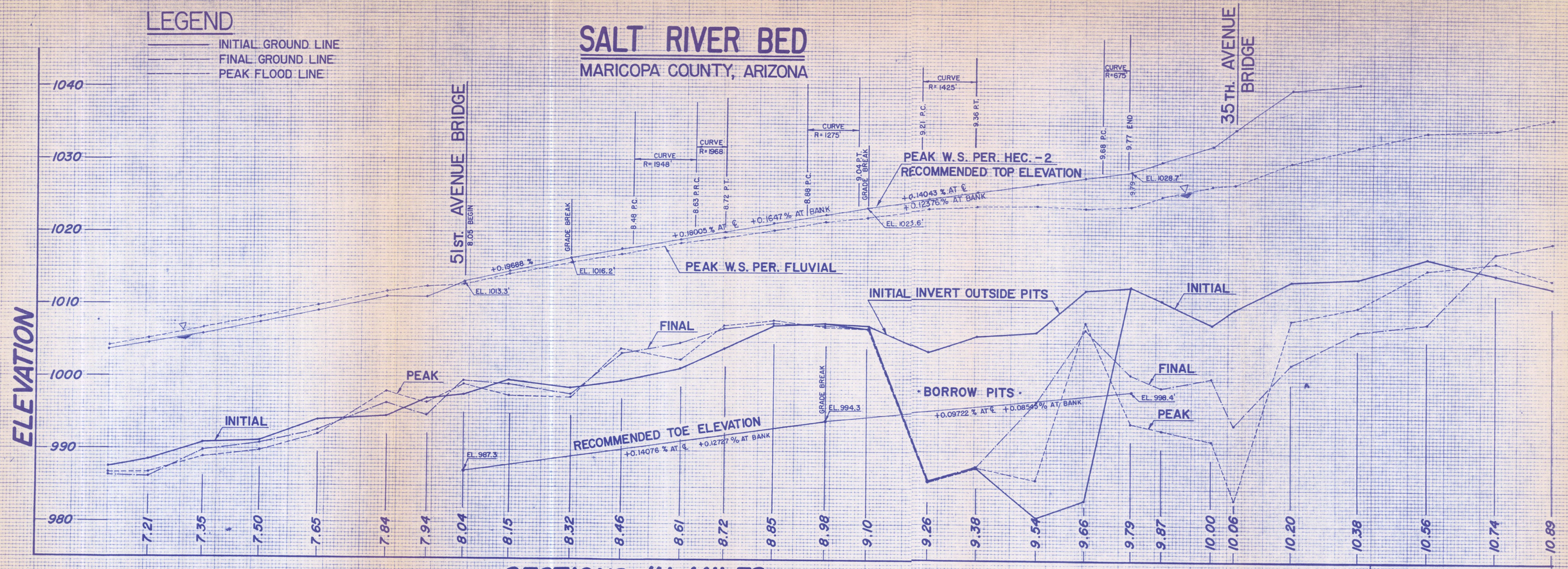
SUMMARY

Both the Hec-2 and Fluvial-11 computer models have been employed to simulate flood and sediment routing and associated river channel changes in the Salt River. The study reach of the river is subject to significant changes in the river channel configuration during the flood event. For this reason, the water surface profiles and other hydraulic parameters computed using the fixed bed model, differ considerably from those obtained using this erodible bed model, figure 6. The water surface profile and spatial variation in velocity computed using the HEC-2 model are unrealistic within those sections having sand and gravel operations or man made constrictions.

The toe elevations of the proposed bank protection are selected on the basis of the scour potential, figures 5 and 7. The invert elevation of each cross section and within those areas with sand and gravel operations, the invert outside of the borrow pits, were used as a reference because the thalweg can migrate within the flood plain; that is, the invert elevation can be relocated by migration and adjoin the proposed bank stabilization. The recommended toe elevation has been established as being 12 feet below the invert elevation. A safety margin is recommended because of the uncertainties in river sedimentation, such as erratic hydrological phenomena, the non-homogeneities of materials with the flood plain, and most of all, any future mining operations with the river channel.

SALT RIVER BED

MARICOPA COUNTY, ARIZONA



LTD. CONSULTING ENGINEERS
99 W. ALAMEDA TUCSON, ARIZONA 791-9627

SALT RIVER BETWEEN 51ST AVENUE AND 35TH AVENUE
RESULTS OF COMPUTER MODELLING

SECNO	HEC-2		FLUVIAL-11				
	LEFT BANK ENCROACHMENT		W/O BORROW PITS		W/ BORROW PITS (5)		
	FPS	CWSEL	FPS	CWSEL	FPS	CWSEL	
7.943	10.2	1011.7	7.3	1012.3	7.2	1012.3	
8.022	8.3	1013.0	***	******	***	******	
8.041	7.7	1013.3	9.1	1012.7	9.0	1012.7	3
BEGIN STABILIZATION							
8.051	7.7	1013.3	***	******	***	******	1
8.070	8.4	1013.3	***	******	***	******	1
8.155	9.7	1013.8	8.6	1013.9	8.5	1013.8	1
8.320	8.2	1016.2	7.6	1015.6	7.8	1015.5	1
8.456	6.8	1017.6	7.4	1016.9	7.3	1016.8	1
8.609	7.6	1018.6	7.5	1018.2	7.5	1018.0	1
8.719	6.9	1019.6	7.2	1019.3	7.2	1019.1	1
8.852	9.1	1020.3	7.7	1020.4	7.6	1020.1	1
8.983	9.7	1021.9	7.8	1021.6	7.6	1021.3	1
9.098	7.6	1023.6	7.8	1022.7	7.4	1022.3	1 2
9.259	8.1	1024.7	7.7	1024.2	4.7	1023.5	1 2
9.384	6.9	1025.9	7.2	1025.3	3.2	1023.8	1 2
9.543	7.3	1026.9	7.9	1026.6	2.7	1023.9	1 2
9.664	9.0	1026.6	8.4	1027.9	8.1	1023.6	1 2
9.786	13.3	1028.3	8.6	1029.4	12.7	1024.0	2
MEAN VEL.	(8.4)		(7.8)		(7.1)		
END STABILIZATION							
9.867	12.1	1030.3	9.8	1030.4	12.4	1025.3	
9.996	10.3	1032.6	8.8	1032.7	13.0	1027.0	
10.055	16.8	1034.5	7.5	1033.9	14.1	1027.1	4
10.062	12.3	1037.4	***	******	***	******	
10.204	6.4	1040.6	6.7	1035.4	11.1	1030.1	
10.382	6.6	1041.0	7.7	1036.4	9.9	1032.6	

**** SECNO NOT INCLUDED WITHIN FLUVIAL-11 STUDY
1 REACH WITH PROPOSED LEFT BANK STABILIZED
2 REACH WITH MINING OPERATIONS CENTER AND RIGHT BANK
3 51st AVENUE BRIDGE Q design = 200,000 CFS CWSEL = 1012.0
4 35th AVENUE BRIDGE Q design = 200,000 CFS CWSEL = 1029.4
5 MINING OPERATIONS WERE ASSUMED TO BE AT FULL DEPTH (40')

GR STATIONS AND ELEVATIONS WERE PROVIDED BY MCFCD, FORMAT MODIFIED FOR LEFT BANK ENCROACHMENT BETWEEN SECNO 8.051 AND 9.664 FOR THE HEC-2 MODEL, AND FORMAT MODIFIED FOR THE FLUVIAL-11 MODEL.

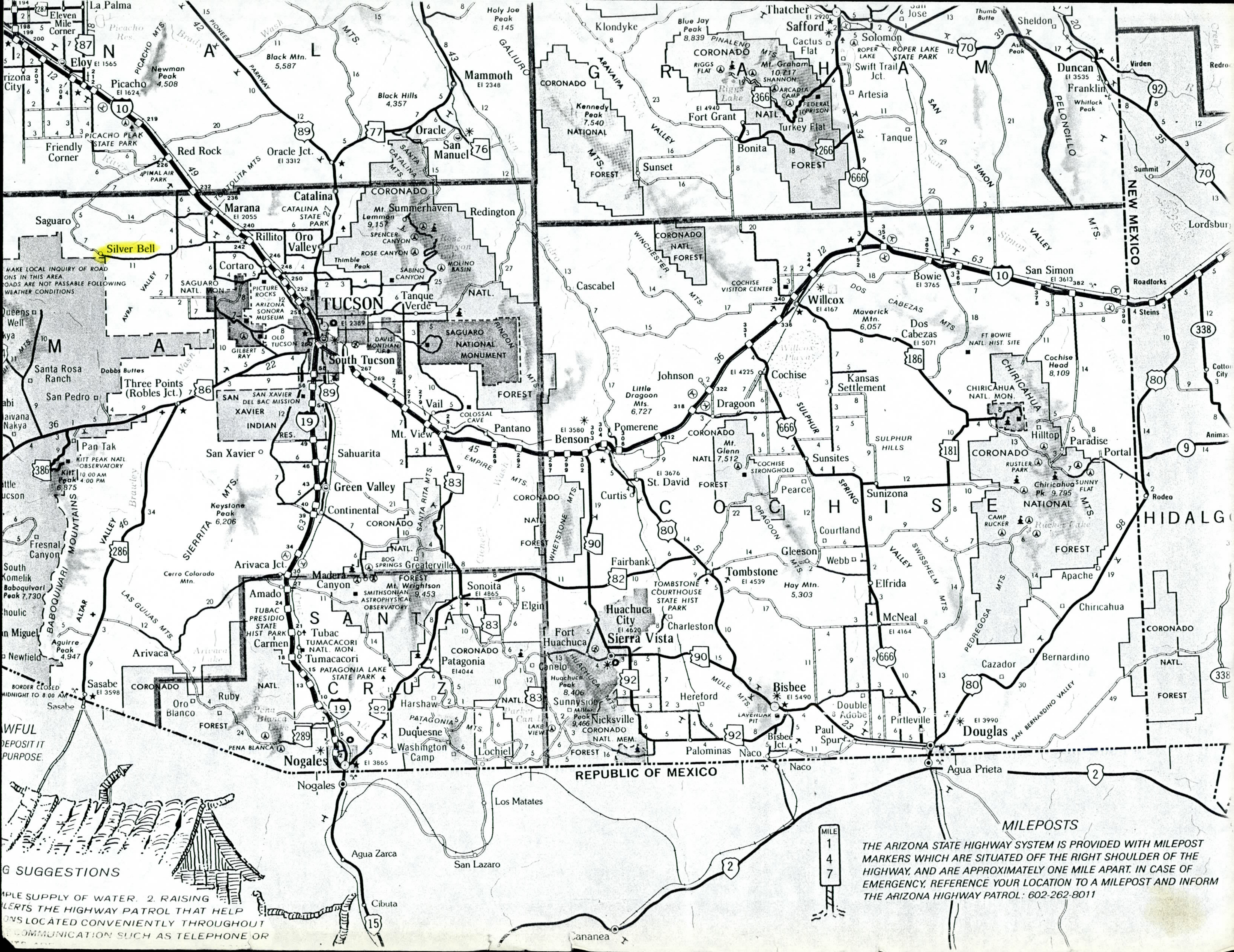
DESIGN Q = 190,000 CFS AS PROVIDED BY MCFCD.

FIGURE 6

SUMMARY OF DESIGN ELEVATIONS

SECNO	MINIMUM BED ELEVATION	RECOMMENDED TOE ELEVATION OF STABILIZATION	DIFFERENCE BETWEEN MINIMUM BED ELEVATION AND PROPOSED TOE ELEVATION	RECOMMENDED TOP ELEVATION OF STABILIZATION AND DIFFERENCE BETWEEN HEC-2 MODEL	TOTAL DEPTH OF STABILIZATION
7.943	994.7				
8.022	*****				
8.041	997.5	987.3	-10.2	1013.3 (%)	26.0
BEGIN STABILIZATION					
8.051	*****	987.4	****	1013.4 (0.1)	26.0
8.070	*****	987.5	****	1013.6 (0.3)	26.1
8.155	997.5	988.1	-9.4	1014.5 (0.7)	26.4
8.320	997.3	989.4	-7.9	1016.2 (%)	26.8
8.456	999.6	990.4	-9.2	1017.5 (-0.1)	27.1
8.609	1001.3	991.5	-9.8	1018.9 (0.3)	27.4
8.719	1004.0	992.3	-11.7	1020.0 (0.4)	27.7
8.852	1007.4	993.3	-14.1	1021.3 (1.0)	28.0
8.983	1007.0	994.3	-12.7	1022.5 (0.6)	28.2
9.098	1007.0	994.6	-12.4	1023.6 (%)	29.0
9.259	985.8	995.7	+9.9	1024.8 (0.1)	29.1
9.384	988.0	996.4	+8.4	1025.7 (-0.2)	29.3
9.543	981.0	997.2	+16.2	1026.9 (%)	29.7
9.664	983.5	997.8	+14.3	1027.8 (1.2)	30.0
9.786	994.3	998.4	+4.1	1028.7 (0.4)	30.3
				MEAN DEPTH	(28.1)
END STABILIZATION					
9.867	993.4				
9.996	991.7				
10.055	*****				
10.062	983.2				
10.204	1002.5				
10.382	1007.0				

FIGURE 7



MILEPOSTS
THE ARIZONA STATE HIGHWAY SYSTEM IS PROVIDED WITH MILEPOST MARKERS WHICH ARE SITUATED OFF THE RIGHT SHOULDER OF THE HIGHWAY, AND ARE APPROXIMATELY ONE MILE APART. IN CASE OF EMERGENCY, REFERENCE YOUR LOCATION TO A MILEPOST AND INFORM THE ARIZONA HIGHWAY PATROL: 602-262-8011
MILE 147
REPUBLIC OF MEXICO
NEW MEXICO
HIDALG
TUCSON
South Tucson
Silver Bell
Marana
Catalina
Oro Valley
Rillito
Cortaro
Tanque Verde
Vail
Benson
Willcox
Safford
Thatcher
Solomon
Duncan
Franklin
Lordsburg
San Simon
Bowie
Dos Cabezas
Cochise
Johnson
Dragoon
Pomerene
St. David
Tombstone
Bisbee
Douglas
Agua Prieta
Naco
Sierra Vista
Huachuca City
Fort Huachuca
Patagonia
Sonoita
Elgin
Nogales
Tubac
Amado
Green Valley
Sahuarita
Continental
Arivaca
Arivaca Jct.
Sasabe
Three Points (Robles Jct.)
Eloy
Picacho
Red Rock
Oracle
Oracle Jct.
San Manuel
Mammoth
Redington
Cascabel
Portal
Paradise
Rodeo
Apache
Chiricahua
Cananea
Cibuta
Agua Zarca
San Lazaro
Los Matates
PIMA
GRAHAM
COCHISE
SANTA CRUZ
CORONADO NATIONAL FOREST
SAGUARO NATIONAL MONUMENT
SAN XAVIER INDIAN RES.
G SUGGESTIONS
MPLE SUPPLY OF WATER. 2. RAISING
ALERTS THE HIGHWAY PATROL THAT HELP
ONS LOCATED CONVENIENTLY THROUGHOUT
COMMUNICATION SUCH AS TELEPHONE OR
MAKE LOCAL INQUIRY OF ROAD
ONS IN THIS AREA.
OADS ARE NOT PASSABLE FOLLOWING
WEATHER CONDITIONS.
BORDER CLOSED
MIDNIGHT TO 8:00 AM

COST ESTIMATES

Three types of bank stabilization were investigated for used in this project. The use of a Portland cement bank protection is recommended because of the durability and lower cost of installation. Further geotechnical research shall be required to determine the extent of the grain size distribution.

The overall length of the proposed bank stabilization is 10,800 linear feet and an average depth of 28.1 feet.

The estimated cost of construction using a Portland cement bank protection, dumped rock riprap, and gabion are:

PORTLAND CEMENT BANK PROTECTION	DUMPED ROCK RIPRAP BANK PROTECTION	GABION BANK PROTECTION
$2.833 Million	$3.466 Million +12.0%	$3.042 Million
(101K CY)	(112K TONS) 86,419 cy	
$28.05/cy	$30.95/ton ~$40.00/cy (96 lb/cf)	

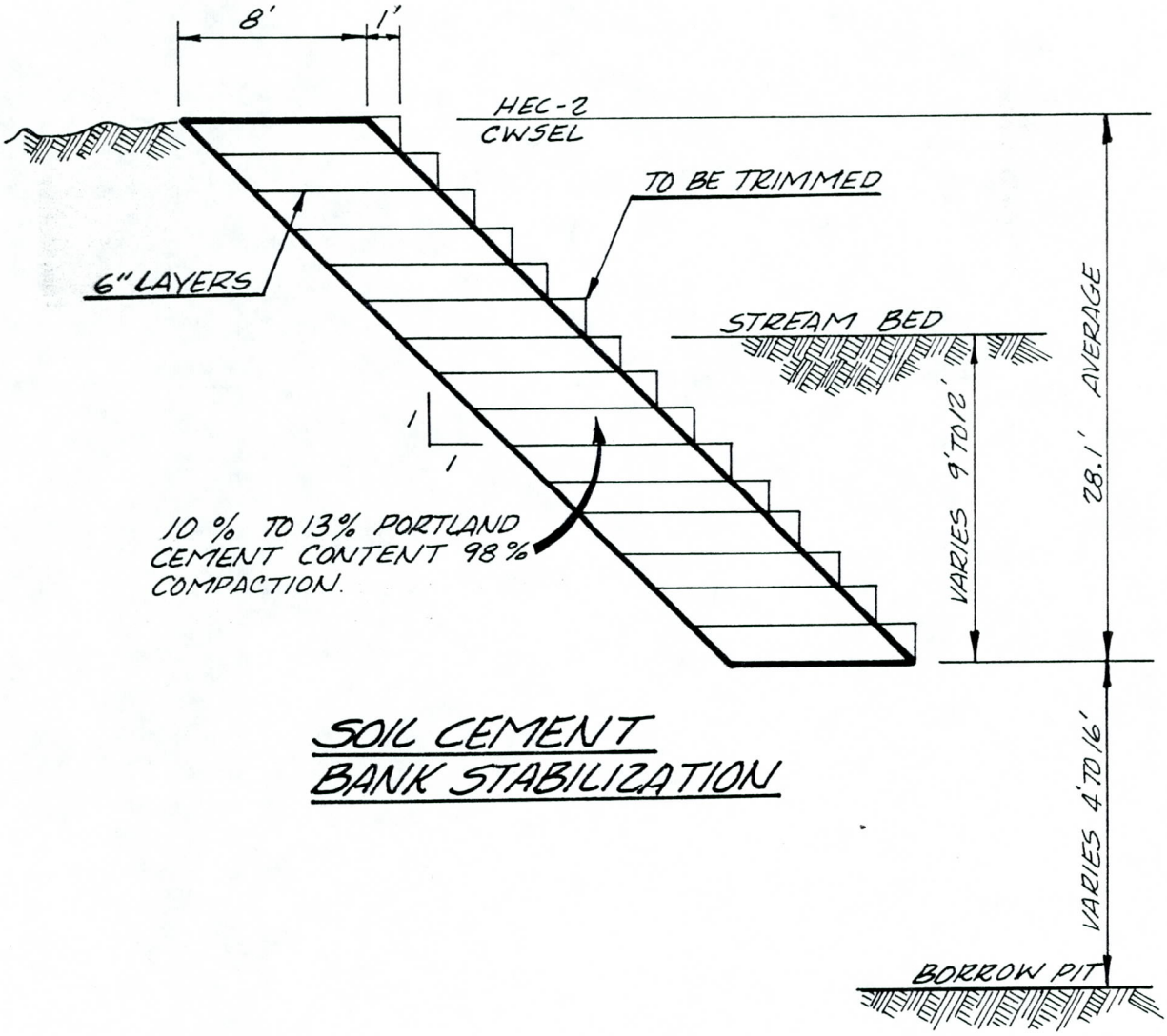
The cost of construction includes the removal of 51K cubic yards of material for the dumped rock and gabion construction and 97K cubic yards of material for the Portland cement bank protection.

Portland cement was computed at 10 percent by weight for soil cement. The side slope used is 1 foot horizontal to 1 foot vertical, 9 foot width - trimmed to 8 feet.

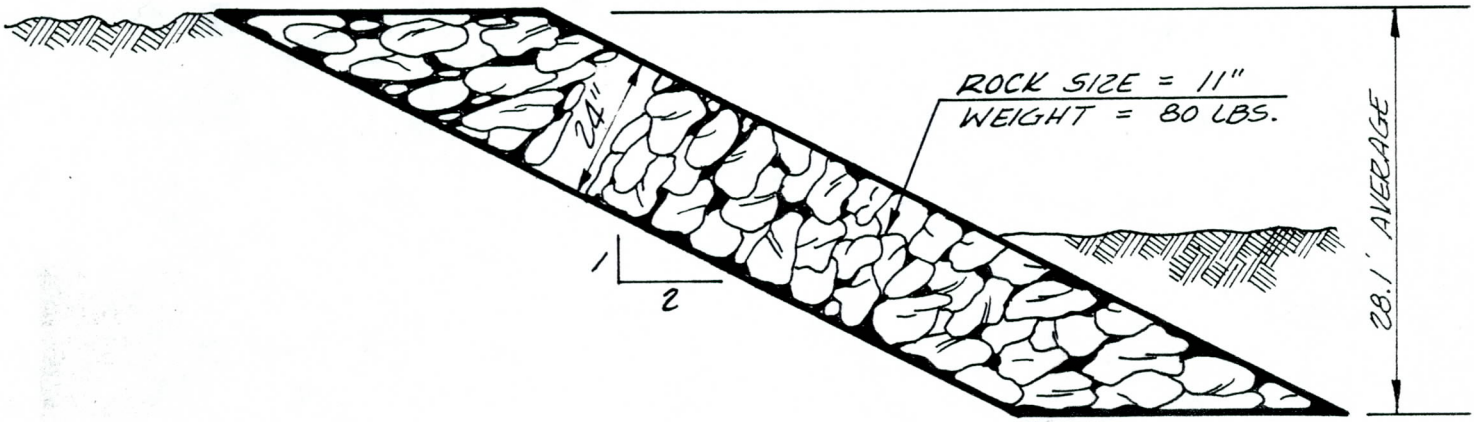
.14¢/CU.

Dumped rock was computed at $0.11 per ton per mile haul. The closest source being in Silverbell, Arizona. The D50 for the rock is 11 inches and a recommended thickness of 24 inches.

The cost of new right-of-way was not included within the cost estimate.



SOIL CEMENT
BANK STABILIZATION



DUMPED ROCK
BANK STABILIZATION

REFERENCES

1. "HEC-2, WATER SURFACE PROFILES, USERS MANUAL", US ARMY CORPS OF ENGINEERS, SEPTEMBER 1982.

2. "HYDRAULIC DESIGN OF FLOOD CONTROL CHANNELS", US ARMY CORPS OF ENGINEERS, JULY, 1970.

3. "HYDRAULIC DESIGN OF STILLING BASINS AND ENERGY DISSIPATORS", US DEPARTMENT OF THE INTERIOR, BUREAU OF RECLAMATION, JULY, 1963.

4. "HEC-2 FORMATTED DECK WITH SEC NO. AND GR STATIONS, SALT RIVER FLOOD INSURANCE STUDY 1983-1984", FLOOD CONTROL DISTRICT OF MARICOPA COUNTY.

5. "51st AVENUE BRIDGE HYDRAULIC STUDY", SOUTHWEST COMPUTING INC., JANUARY, 1980.

6. "COMPUTER-BASED FLOOD AND SEDIMENT ROUTING MODEL, STUDIES OF SAN DIEGUITO RIVER, SAN LORENZO, AND SALT RIVER", NATIONAL ACADEMY OF SCIENCES, H.H. CHANG AND J.C. HILL, JANUARY, 1982.

7. DESIGN PLANS "35th AVENUE SALT RIVER BRIDGE", CITYOF PHOENIX, AUGUST, 1982.

8. DESIGN PLANS "51st AVENUE BRIDGE OVER THE SALT RIVER", MARICOPA COUNTY HIGHWAY DEPARTMENT, JUNE 1980.

9. "HYDRAULICS OF BRIDGE WATERWAYS", US DEPARTMENT OF TRANSPORTATION FEDERAL HIGHWAY ADMINISTRATION, 1973.

10. "LETTER REPORT OF THE STUDY OF SALT RIVER", HOWARD H. CHANG, NOVEMBER 5, 1985.

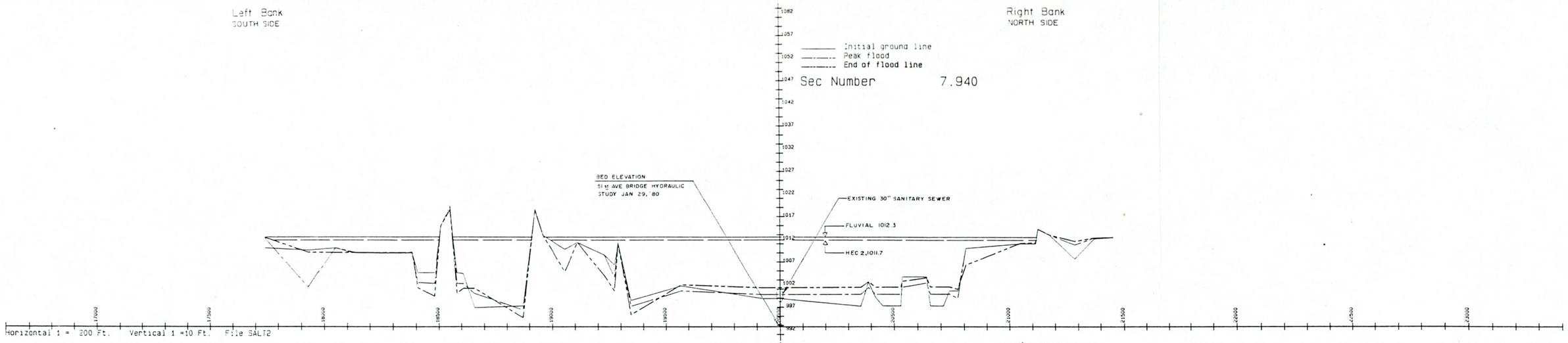
11. "200 SCALE TOPOGRAPHY OF THE SALT RIVER", COOPER AERIAL SURVEY COMPANY, JANUARY, 1983.

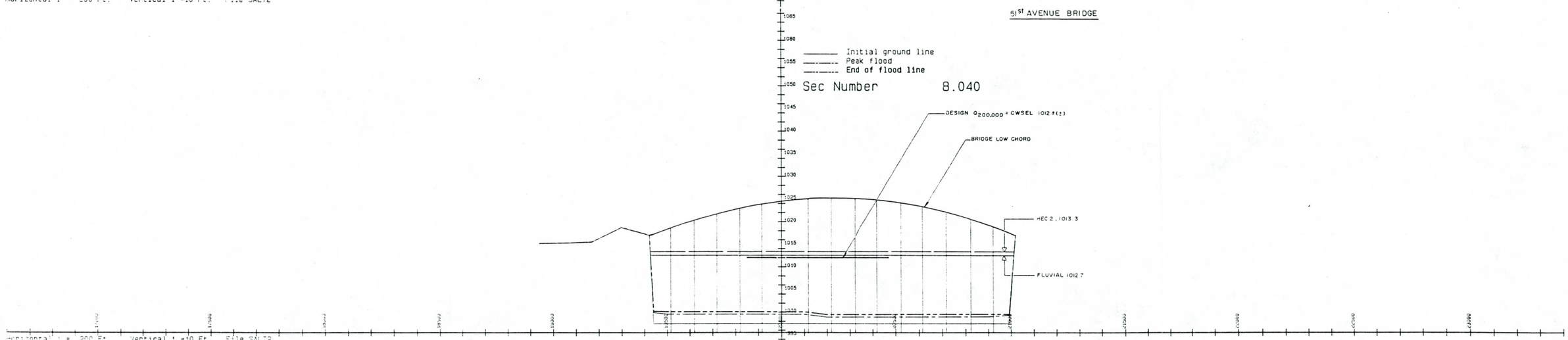
7.839
7.943
8.041
8.051
8.070
8.155
8.320
8.456
8.604
8.719
8.852
8.983
9.098
9.259
9.364
9.543
9.694
9.786
9.867
9.996
10.065
10.062
10.204
10.382
SAND AND GRAVEL MINING
114 ACRES
MAN MADE
DYKING
EL. 1030
EL. 1025
EL. 1020
EL. 1015
EL. 1040
51st AVE.
35th AVE.
BEGIN
END
PROPOSED BANK STABILIZATION
PROPOSED AREA OF SAND AND GRAVEL
MINING / CALMAT
1" = 400'±
PHOTO REDUCED
LEGEND
100 YEAR FLOOD PLAN
FLOODWAY
EL.1030
BASE FLOOD ELEVATION
SALT RIVER FLUVIAL
STUDY
Ltd. CONSULTING ENGINEERS
99 W. ALAMEDA TUCSON, ARIZONA 791-9627
APPENDIX

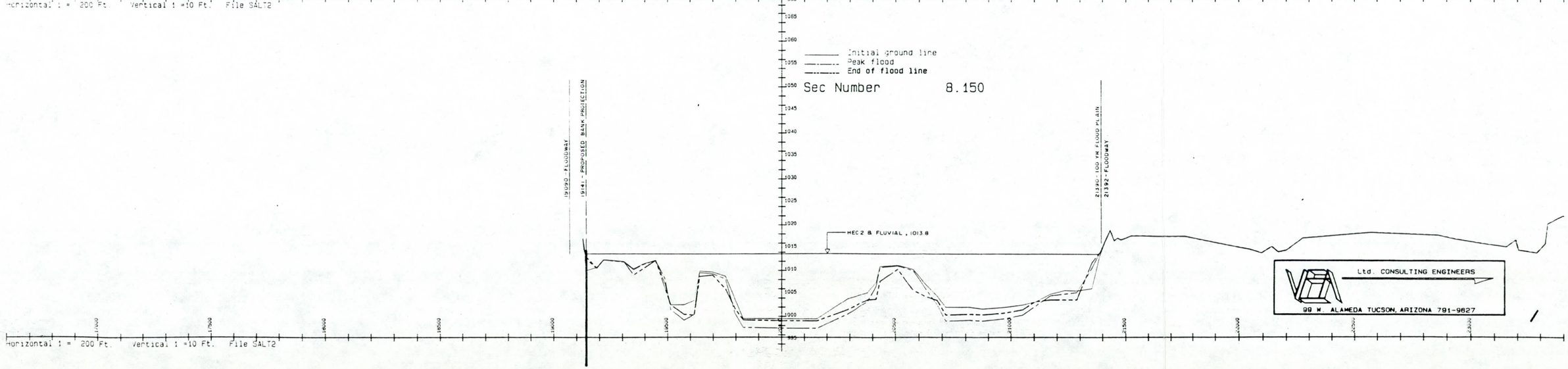
APPENDIX 2

CROSS SECTIONS

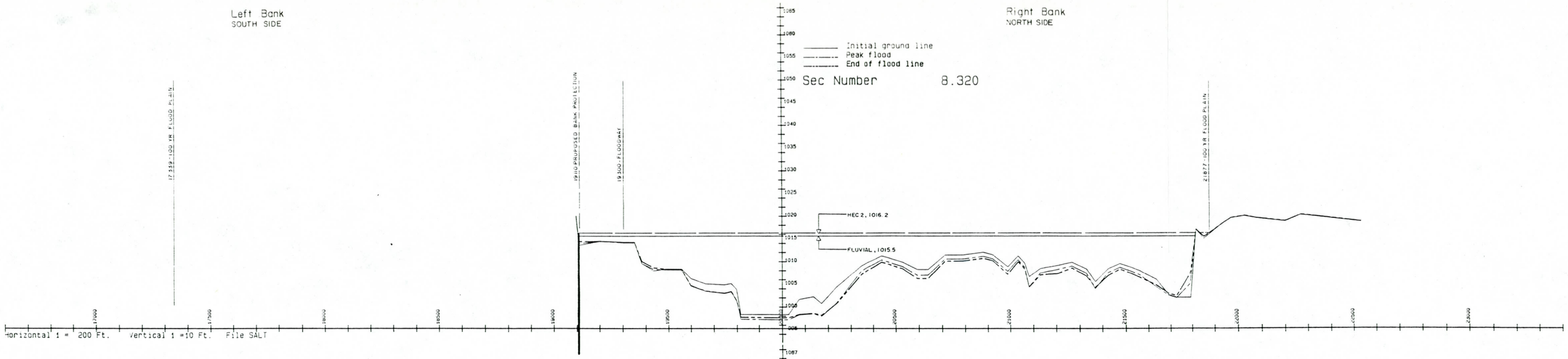
7.94 TO 10.38

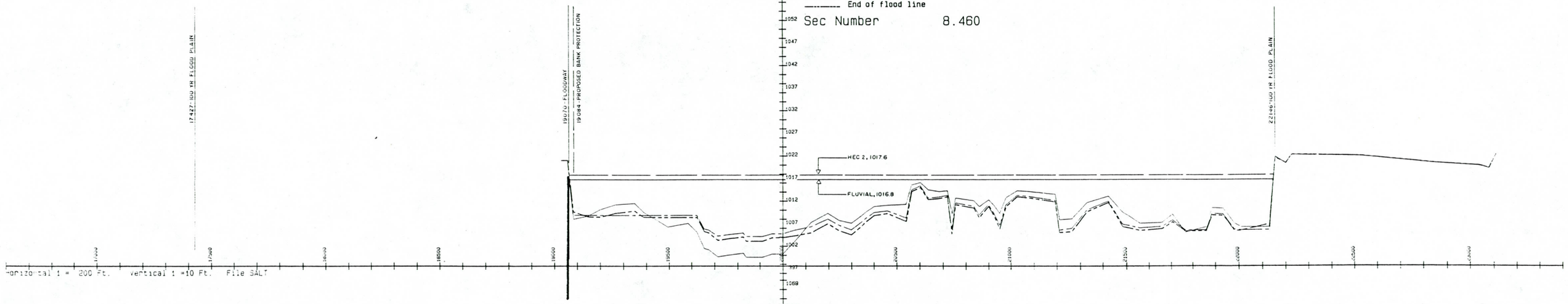


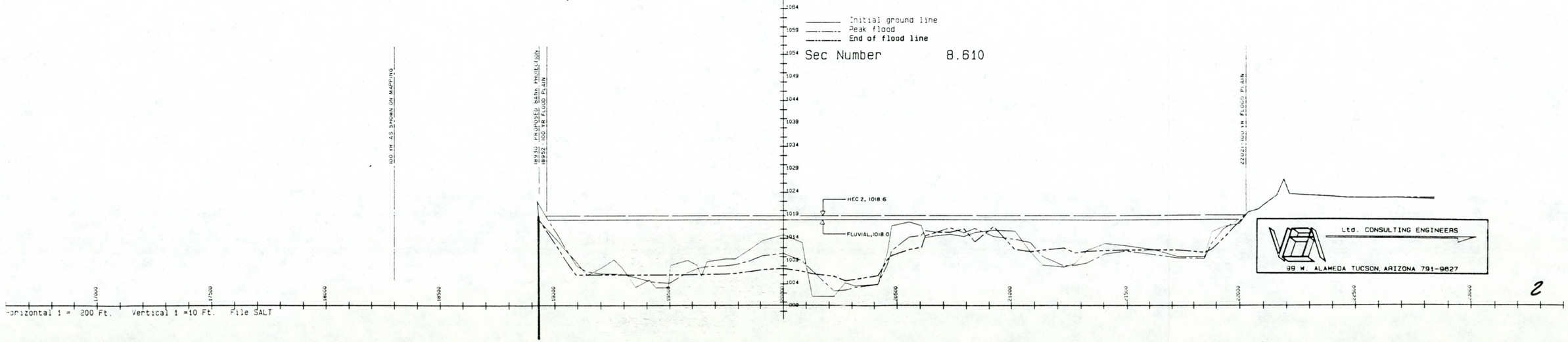




Ltd. CONSULTING ENGINEERS
98 W. ALAMEDA TUCSON, ARIZONA 791-9827

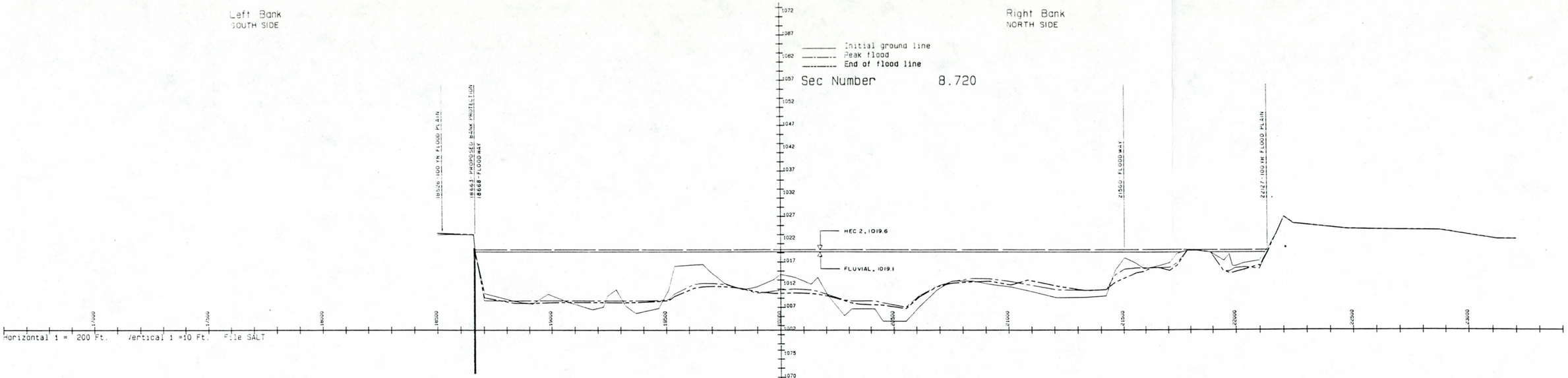


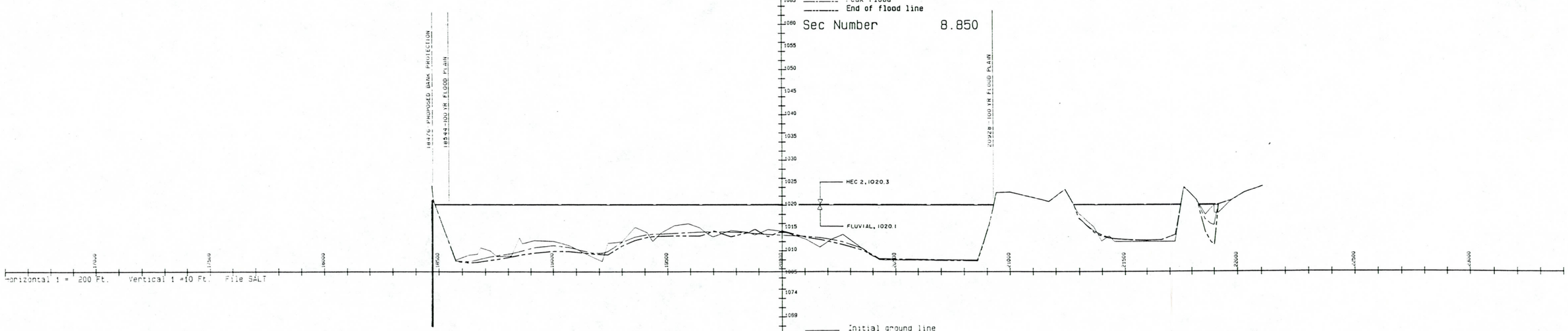


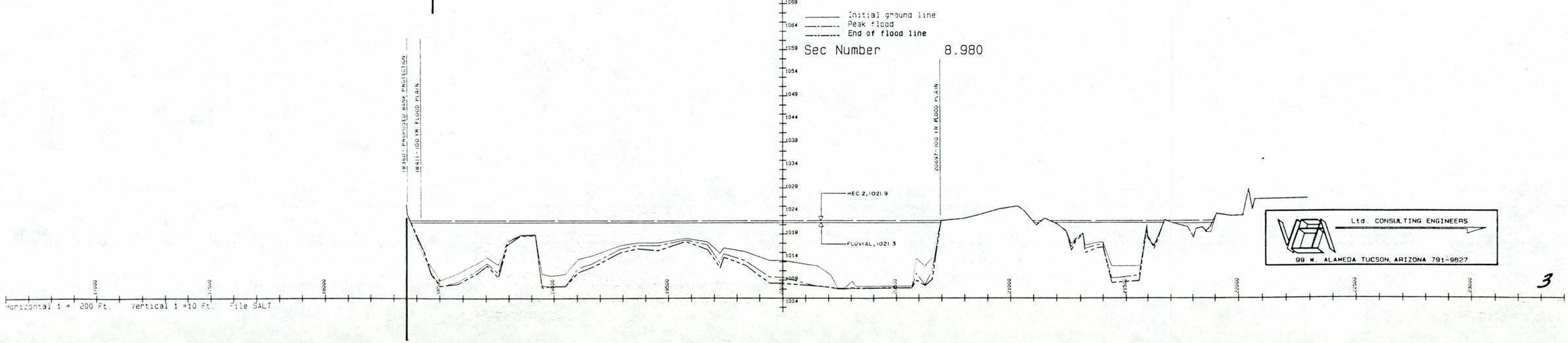


Ltd. CONSULTING ENGINEERS
99 W. ALAMEDA TUCSON, ARIZONA 791-9827

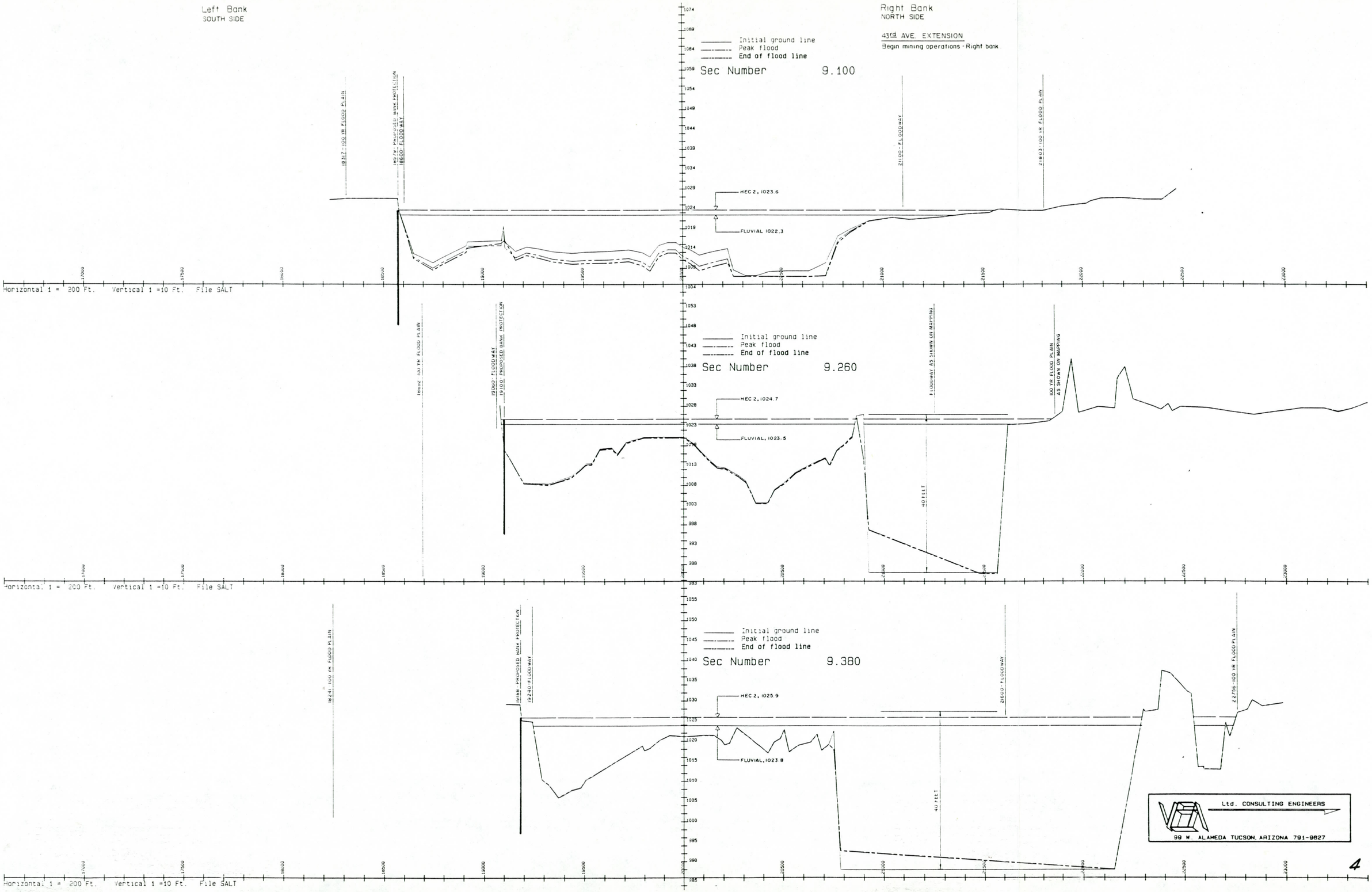
2

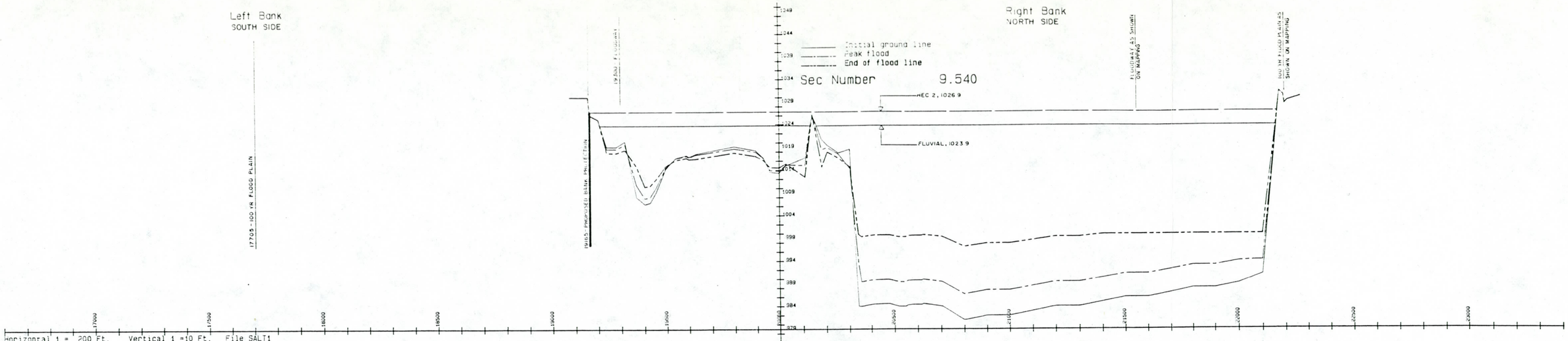


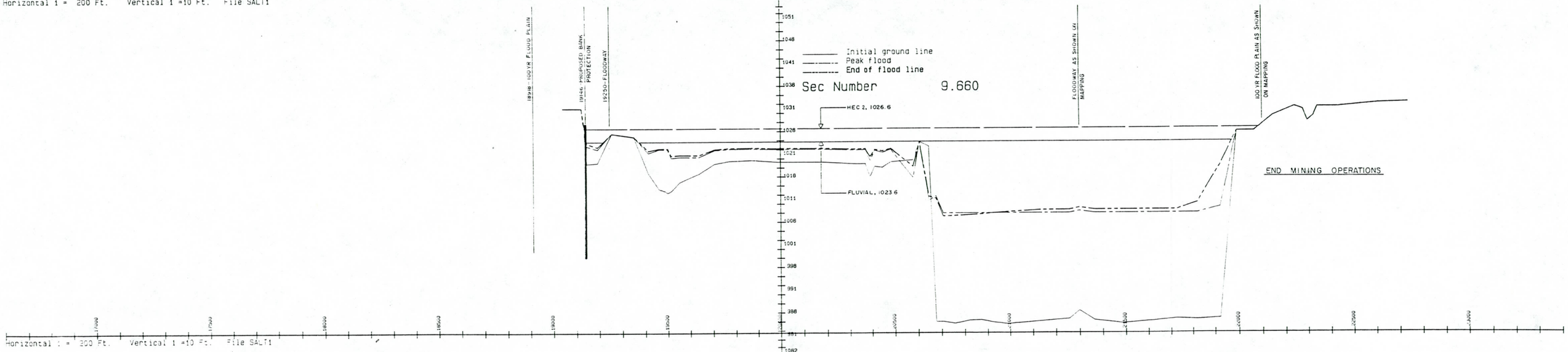


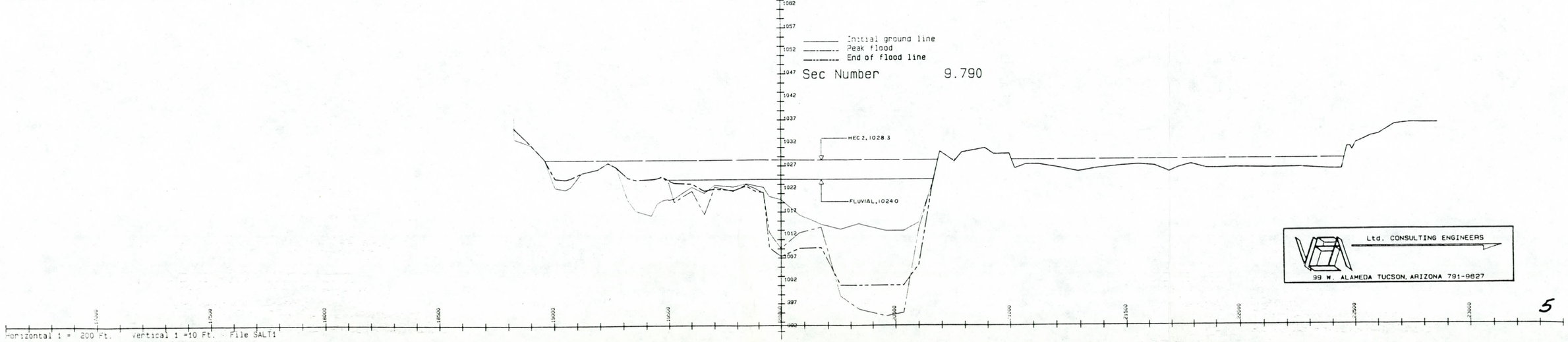


Ltd. CONSULTING ENGINEERS
99 W. ALAMEDA TUCSON, ARIZONA 791-9827

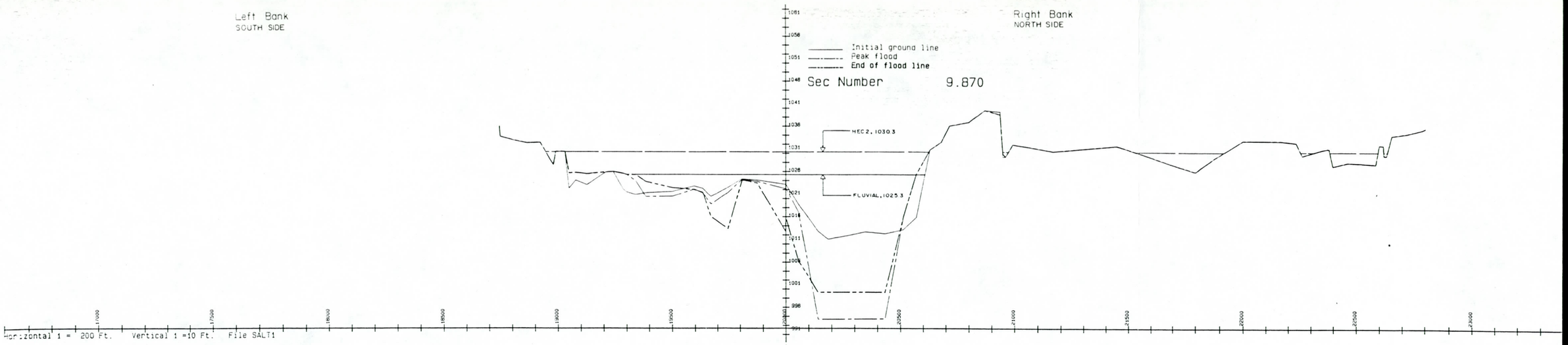

Left Bank
SOUTH SIDE
Right Bank
NORTH SIDE
43rd AVE. EXTENSION
Begin mining operations - Right bank
Initial ground line
Peak flood
End of flood line
Sec Number 9.100
HEC 2, 1023.6
FLUVIAL 1022.3
18317 - 100 YR FLOOD PLAIN
19270 - PROPOSED BANK PROTECTION
18680 - FLOOD WAY
21190 - FLOODWAY
21803 - 100 YR FLOOD PLAIN
Horizontal 1 = 200 Ft. Vertical 1 =10 Ft. File SALT
Sec Number 9.260
HEC 2, 1024.7
FLUVIAL, 1023.5
18602 - 100 YR FLOOD PLAIN
19060 - FLOODWAY
19100 - PROPOSED BANK PROTECTION
FLOODWAY AS SHOWN ON MAPPING
100 YR FLOOD PLAIN AS SHOWN ON MAPPING
40 FEET
Sec Number 9.380
HEC 2, 1025.9
FLUVIAL, 1023.8
18241 - 100 YR FLOOD PLAIN
19188 - PROPOSED BANK PROTECTION
19240 - FLOODWAY
22600 - FLOODWAY
22756 - 100 YR FLOOD PLAIN
Ltd. CONSULTING ENGINEERS
99 W. ALAMEDA TUCSON, ARIZONA 791-9827
4

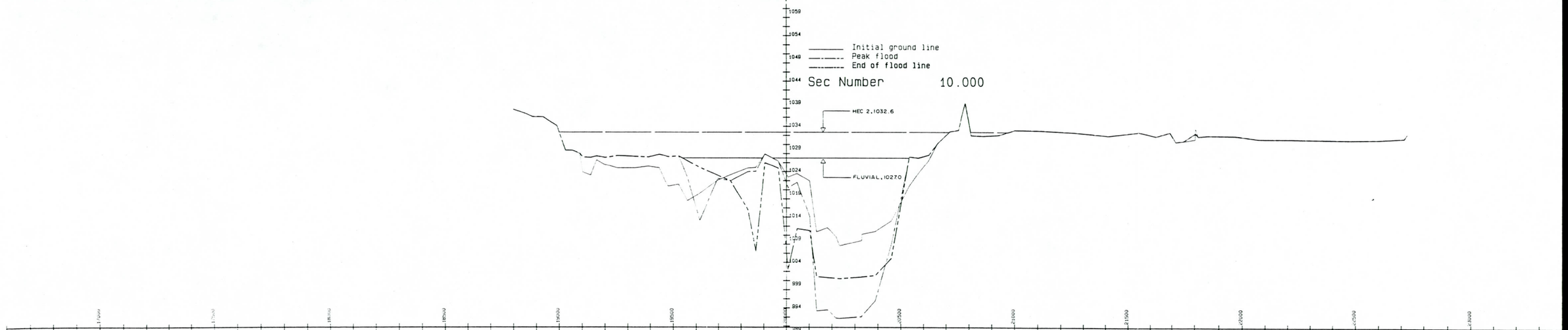


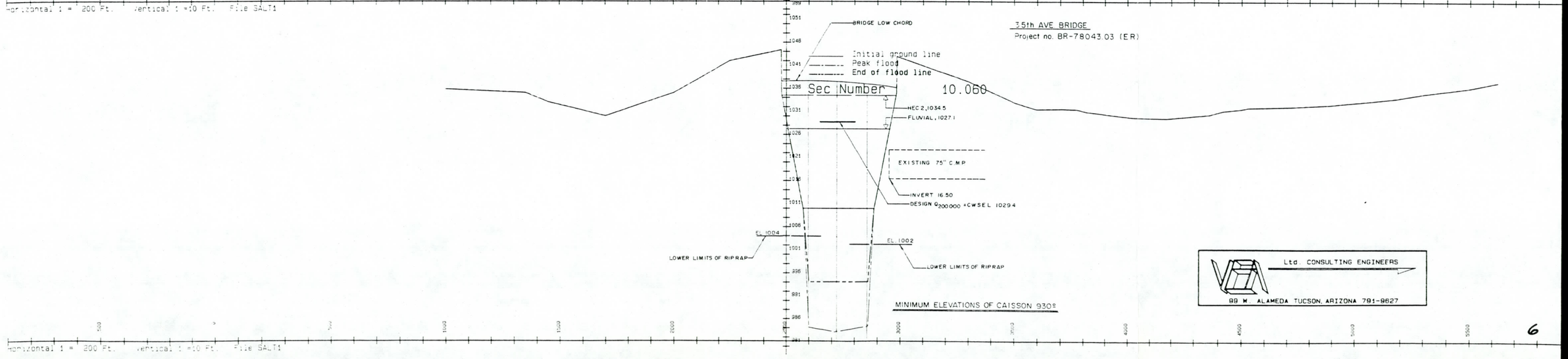




Ltd. CONSULTING ENGINEERS
99 W. ALAMEDA TUCSON, ARIZONA 791-9827

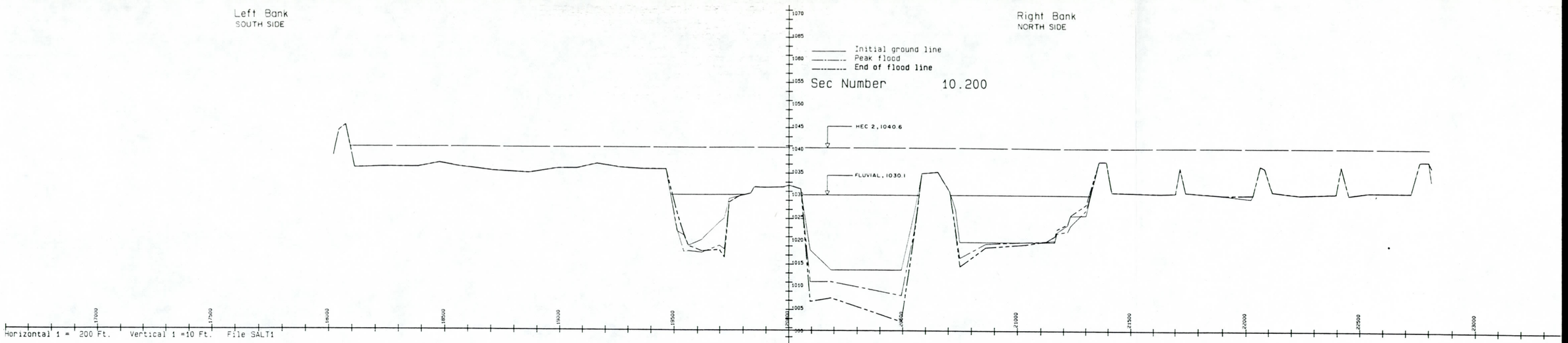


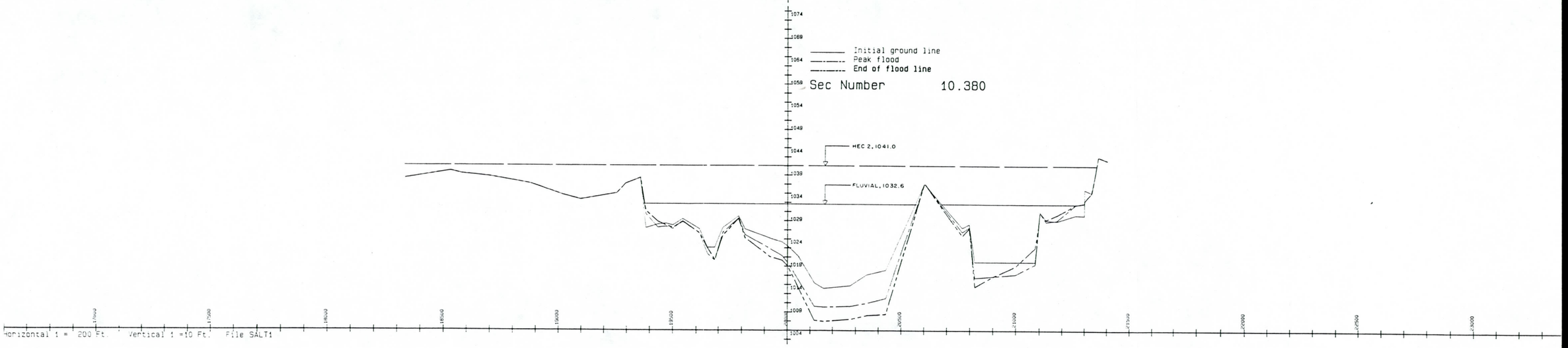




3.5th AVE BRIDGE
Project no. BR-78043.03 (E.R)

Ltd. CONSULTING ENGINEERS
88 W. ALAMEDA TUCSON, ARIZONA 791-9627





Ltd. CONSULTING ENGINEERS
99 W. ALAMEDA TUCSON, ARIZONA 791-9827

7

0.4 gals of Liquid Asph / Sq Yd

9 sq Ft

19+00
8+00
11+00 x $\frac{30}{9}$ x .40 x 8.33 = 12221

÷ 2000 =

Tons

APPENDIX 3

HEC-2

```
*****************************************************
*  WATER SURFACE PROFILES                           *
*  VERSION OF NOVEMBER 1976                         *
*  UPDATED MAY 1984                                 *
*                                                   *
*  RUN DATE 23-Oct-85  TIME 15:54                   *
*****************************************************
```

```
*************************************
*  U.S. ARMY CORPS OF ENGINEERS     *
*  THE HYDROLOGIC ENGINEERING CENTER *
*  609 SECOND STREET, SUITE D       *
*  DAVIS, CALIFORNIA 95616          *
*  (916) 440-2105 (FTS) 448-2105    *
*************************************
```

```
X      X  XXXXXXX   XXXXX                XXXXX
X      X  X         X      X            X      X
X      X  X         X                          X
XXXXXXX   XXXX      X           XXXXX    XXXXX
X      X  X         X                   X
X      X  X         X      X            X
X      X  XXXXXXX   XXXXX               XXXXXXX
```

THIS RUN EXECUTED 23-Oct-85 15:54

```
**************************************************
  HEC2 RELEASE DATED NOV 76 UPDATED MAY  1984
  ERROR CORR -  01,02,03,04,05,06
  MODIFICATION -  50,51,52,53,54,55,56
**************************************************
```

```
C
T1   SALT RIVER FLOOD INSURANCE STUDY 1983-1984 DATA FROM THE MCFCD OCT 1985
T2  AUGUST 1982  ADOT TOPO BASE MAP, AGUA FRIA RIVER TO COUNTRY CLUB ROAD 38ML
T3   100-YEAR FLOODPLAIN     STREAMLINE AT STATION  10000

J1  ICHECK     INQ       NINV      IDIR      STRT      METRIC    HVINS     Q         WSEL      FQ

      0.        2.        0.        0.   0.000000     0.00      0.0       0.     993.920    0.000

J2  NPROF     IPLOT     PRFVS     XSECV     XSECH     FN        ALLDC     IBW       CHNIM     ITRACE

    1.000     0.000    -1.000     0.000     0.000     0.000     0.000     0.000     0.000     15.000

J3  VARIABLE CODES FOR SUMMARY PRINTOUT

    38.000    43.000    53.000    21.000    55.000    26.000    56.000    22.000    54.000    4.000


    1.000    50.000   200.000     0.000     0.000     0.000     0.000     0.000     0.000     0.000


NC      0.045     0.045     0.033     0.100     0.300     0.000     0.000     0.000     0.000     0.000
QT      2.000 190000.000 190000.000     0.000     0.000     0.000     0.000     0.000     0.000     0.000
ET      0.000     4.100     9.100 17578.000     0.000     0.000     0.000     0.000 18600.000 21000.000
          67  TH AVENUE EXTENSION
X1      6.035    56.000 18614.000 20989.000   880.000   940.000   210.000     0.000     0.000     0.000
GR    998.700  9400.000   997.600  9728.000   994.400  9743.000   995.200  9878.000   984.700  9902.000
GR    996.500  9930.000   992.500  9966.000   992.500 12317.000   994.100 12393.000   994.300 12903.000
GR    992.900 13497.000   991.700 13800.000   993.500 14377.000   992.300 14984.000   993.300 15522.000
GR    994.400 16401.000   996.300 17000.000   998.000 17578.000   997.100 17648.000   996.000 17689.000
GR    993.300 17955.000   992.100 18369.000   981.500 18512.000   999.100 18614.000   995.700 18757.000
GR    991.600 18841.000   978.800 18882.000   978.800 19179.000   980.700 19226.000   979.600 19260.000
GR    984.100 19325.000   983.100 19480.000   982.400 19639.000   982.700 19832.000   979.200 19923.000
GR    979.200 20000.000   979.200 20072.000   983.600 20097.000   987.200 20172.000   986.900 20200.000
GR    988.700 20388.000   988.100 20659.000   990.900 20789.000   992.000 20989.000   993.600 21199.000
GR    996.700 22130.000   997.900 22370.000   999.700 22452.000  1002.900 23153.000  1004.800 23600.000
GR   1007.600 23647.000  1006.000 23684.000  1005.800 23941.000  1007.300 24299.000  1007.200 24462.000
GR   1007.800 24700.000     0.000     0.000     0.000     0.000     0.000     0.000     0.000     0.000

ET      0.000     4.100     9.100 17594.000     0.000     0.000     0.000     0.000 18400.000 20896.000
X1      6.113    58.000 18485.000 20896.000   580.000   330.000   410.000     0.000     0.000     0.000
GR   1001.500  9250.000  1001.500  9597.000   999.300  9635.000   994.900 10208.000   996.700 10238.000
GR    984.800 10260.000   995.600 10288.000   993.200 10334.000   994.400 12210.000   993.900 12271.000
GR    993.300 12695.000   995.200 13380.000   997.300 13423.000   997.100 13442.000   993.700 13479.000
GR    993.700 13700.000   993.500 13815.000   994.100 13838.000   993.600 14544.000   993.900 15374.000
GR    994.900 16209.000   996.100 16733.000   996.800 16900.000   997.500 17488.000   998.300 17594.000
```

GR	997.700	17610.000	995.500	17838.000	992.500	18006.000	993.100	18393.000	993.100	18485.000
GR	979.600	18579.000	979.600	18856.000	983.500	18948.000	982.900	19276.000	982.900	19373.000
GR	986.000	19418.000	982.900	19526.000	984.000	19709.000	979.700	20000.000	978.900	20100.000
GR	982.000	20149.000	988.500	20175.000	988.400	20339.000	988.300	20483.000	983.700	20523.000
GR	987.500	20568.000	990.100	20650.000	990.500	20753.000	989.300	20828.000	991.900	20896.000
GR	995.900	21766.000	998.100	22313.000	1000.700	22362.000	1005.600	23502.000	1007.300	23537.000
GR	1006.100	23573.000	1006.200	23982.000	1007.400	24600.000	0.000	0.000	0.000	0.000
ET	0.000	4.100	9.100	17381.000	0.000	0.000	0.000	0.000	17980.000	21250.000
X1	6.247	75.000	17921.000	21204.000	850.000	520.000	710.000	0.000	0.000	0.000
GR	1010.400	9100.000	1010.500	9410.000	1005.100	9419.000	1000.900	9532.000	994.900	9977.000
GR	993.700	10299.000	994.400	11414.000	994.100	11669.000	994.900	11979.000	989.600	12001.000
GR	996.400	12027.000	996.100	12059.000	993.600	12082.000	995.100	12759.000	995.500	13400.000
GR	996.900	13703.000	998.900	13716.000	999.600	13751.000	998.000	13782.000	994.300	14097.000
GR	994.300	14125.000	996.000	14164.000	995.500	14657.000	994.900	14694.000	995.300	14833.000
GR	996.400	15647.000	996.700	16061.000	998.400	16600.000	998.500	17299.000	999.900	17381.000
GR	998.400	17430.000	997.100	17921.000	993.700	18104.000	993.500	18243.000	984.100	18284.000
GR	982.300	18363.000	979.200	18385.000	979.200	18610.000	983.200	18662.000	984.800	18954.000
GR	989.300	19189.000	989.500	19382.000	986.500	19425.000	989.500	19458.000	992.100	19633.000
GR	989.700	19714.000	986.100	19785.000	988.700	19958.000	980.400	19983.000	980.400	20000.000
GR	983.500	20112.000	988.900	20260.000	982.300	20286.000	982.400	20344.000	992.300	20373.000
GR	989.700	20438.000	992.000	20506.000	1000.400	20569.000	996.300	20593.000	996.000	20735.000
GR	995.500	20854.000	991.500	20888.000	994.700	20945.000	992.000	21048.000	993.200	21204.000
GR	994.800	21405.000	998.100	22082.000	1001.700	22122.000	1000.700	22175.000	1005.600	23314.000
GR	1007.200	23333.000	1005.800	23373.000	1005.800	23454.000	1006.800	23743.000	1008.600	24400.000
ET	0.000	0.000	9.100	0.000	0.000	0.000	0.000	0.000	17823.000	21628.000
X1	6.378	68.000	17791.000	21628.000	820.000	730.000	690.000	0.000	0.000	0.000
X3	10.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
GR	1013.500	9000.000	1013.500	9189.000	1008.400	9221.000	1005.500	9667.000	1004.800	9872.000
GR	996.800	9894.000	996.800	11762.000	990.700	11777.000	997.100	11798.000	997.300	11848.000
GR	994.900	11861.000	996.700	13200.000	1000.400	13827.000	1000.400	13867.000	997.200	13890.000
GR	998.400	14420.000	996.000	14450.000	998.000	14510.000	997.600	15547.000	997.600	15799.000
GR	998.100	16400.000	999.600	16860.000	1000.000	17163.000	998.800	17791.000	995.200	17875.000
GR	995.200	17968.000	988.100	18005.000	988.000	18210.000	985.900	18256.000	989.900	18298.000
GR	988.900	18477.000	981.200	18538.000	981.200	18753.000	984.800	18852.000	986.700	19145.000
GR	988.100	19470.000	991.300	19712.000	991.600	19851.000	989.900	19984.000	988.500	20000.000
GR	984.300	20169.000	984.300	20404.000	994.800	20448.000	995.700	20564.000	996.000	20655.000
GR	993.700	20809.000	996.100	20917.000	996.100	20985.000	992.700	21025.000	995.900	21080.000
GR	994.800	21159.000	992.500	21200.000	994.800	21263.000	995.200	21350.000	992.700	21401.000
GR	994.500	21436.000	993.300	21561.000	1003.500	21628.000	1002.700	21772.000	998.900	21817.000
GR	1003.300	21850.000	1003.200	21919.000	1001.600	21929.000	1006.500	23090.000	1008.000	23146.000
GR	1006.500	23177.000	1007.400	23559.000	1009.400	24200.000	0.000	0.000	0.000	0.000
ET	0.000	9.100	9.100	0.000	0.000	0.000	0.000	0.000	17650.000	21135.000
X1	6.550	59.000	17669.000	21135.000	770.000	780.000	910.000	0.000	0.000	0.000
X3	10.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
GR	1017.700	8600.000	1016.600	8933.000	1011.700	8969.000	1010.900	9596.000	1004.400	9623.000
GR	1003.100	10199.000	997.200	10218.000	997.500	10740.000	998.000	11515.000	991.900	11547.000
GR	999.200	11570.000	999.100	11602.000	997.600	11627.000	998.400	12897.000	996.800	13000.000
GR	999.300	13946.000	1001.300	14050.000	998.500	14082.000	998.500	14265.000	999.300	15471.000
GR	999.900	16200.000	1001.600	16844.000	1001.600	16965.000	999.500	17032.000	993.200	17094.000
GR	995.200	17669.000	990.300	17703.000	993.600	18296.000	986.700	18360.000	985.600	18509.000
GR	994.300	18578.000	999.100	18753.000	993.200	18770.000	993.100	18825.000	997.100	18899.000

GR	993.700	18964.000	998.900	19047.000	1000.700	19185.000	986.500	19247.000	986.700	19600.000
GR	986.700	19784.000	988.500	19892.000	990.800	20000.000	993.900	20054.000	991.900	20345.000
GR	985.600	20462.000	985.600	20599.000	994.000	20696.000	994.500	20879.000	996.800	21106.000
GR	1001.600	21135.000	999.200	21142.000	1000.900	21235.000	1002.000	21440.000	1005.600	22834.000
GR	1009.300	22860.000	1007.400	22921.000	1006.800	22986.000	1009.300	23900.000	0.000	0.000
ET	0.000	4.100	9.100	16589.000	0.000	0.000	0.000	0.000	17600.000	20952.000
X1	6.727	65.000	17639.000	20952.000	925.000	915.000	935.000	0.000	0.000	0.000
X3	10.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
GR	1018.000	8350.000	1018.000	8683.000	1013.500	8719.000	1011.700	9353.000	1006.300	9372.000
GR	1004.800	9960.000	998.300	9971.000	998.500	11286.000	992.500	11299.000	998.900	11317.000
GR	1000.400	11362.000	997.500	11399.000	998.800	12650.000	998.000	12700.000	1001.500	13940.000
GR	999.900	14006.000	1000.000	15216.000	999.600	15258.000	1001.300	15900.000	1002.500	16589.000
GR	1001.700	16658.000	1000.700	16863.000	996.500	16917.000	998.700	17096.000	990.300	17210.000
GR	996.800	17253.000	996.100	17370.000	999.700	17639.000	991.300	17662.000	996.000	17970.000
GR	998.700	18006.000	997.500	18121.000	993.600	18146.000	992.700	18294.000	988.800	18420.000
GR	994.500	18476.000	986.800	18529.000	987.500	18629.000	989.700	18666.000	988.900	18730.000
GR	996.000	18884.000	994.100	19030.000	998.000	19088.000	1000.100	19300.000	997.100	19416.000
GR	995.500	19602.000	992.300	19762.000	989.600	19798.000	991.100	19974.000	991.300	20000.000
GR	987.300	20144.000	987.300	20657.000	999.300	20719.000	993.100	20770.000	993.600	20856.000
GR	997.600	20896.000	997.600	20952.000	1003.600	20985.000	1001.300	21026.000	1002.700	21217.000
GR	1005.400	22559.000	1007.700	22586.000	1007.800	22630.000	1005.800	22668.000	1009.200	23600.000
ET	0.000	0.000	9.100	0.000	0.000	0.000	0.000	0.000	17750.000	20862.000
	59	TH AVENUE EXTENSION								
X1	6.863	49.000	17806.000	20862.000	815.000	760.000	715.000	0.000	0.000	0.000
X3	10.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
GR	1004.100	16520.000	1004.100	16521.000	1004.100	16522.000	1004.100	16523.000	1004.100	16528.000
GR	1001.500	16786.000	998.300	17005.000	997.100	17125.000	996.300	17308.000	993.600	17353.000
GR	997.600	17405.000	1000.800	17599.000	998.800	17806.000	993.900	17825.000	994.800	17977.000
GR	992.700	18058.000	1000.100	18086.000	999.700	18190.000	990.900	18225.000	992.000	18504.000
GR	987.600	18527.000	987.600	18597.000	995.100	18633.000	989.900	18656.000	995.500	18685.000
GR	996.800	18890.000	989.600	18935.000	991.300	19052.000	992.700	19100.000	998.900	19346.000
GR	997.700	19518.000	994.100	19547.000	995.300	19714.000	994.700	19835.000	990.800	20000.000
GR	989.200	20099.000	989.200	20226.000	991.500	20322.000	987.700	20421.000	986.900	20837.000
GR	997.700	20862.000	1001.200	20925.000	1002.900	21005.000	1001.600	21028.000	1005.000	22316.000
GR	1007.300	22342.000	1006.900	22399.000	1008.100	22701.000	1009.600	23500.000	0.000	0.000
ET	0.000	4.100	9.100	0.000	21183.000	0.000	0.000	0.000	17700.000	20850.000
X1	7.031	65.000	17767.000	20880.000	920.000	800.000	890.000	0.000	0.000	0.000
GR	1004.200	16215.000	1000.200	17221.000	1001.800	17542.000	998.300	17635.000	1000.300	17686.000
GR	997.700	17737.000	1002.400	17767.000	1000.900	18051.000	1001.400	18175.000	996.400	18212.000
GR	993.700	18275.000	996.800	18339.000	991.000	18402.000	992.000	18531.000	993.800	18619.000
GR	998.400	18696.000	997.700	18832.000	995.400	18855.000	996.400	18938.000	996.200	19020.000
GR	997.800	19048.000	992.000	19109.000	991.600	19188.000	996.600	19229.000	995.600	19362.000
GR	997.200	19466.000	1000.500	19541.000	998.200	19594.000	991.600	19668.000	991.600	19915.000
GR	994.400	19949.000	993.800	20000.000	991.400	20121.000	990.100	20145.000	994.400	20170.000
GR	993.800	20355.000	991.600	20454.000	986.900	20486.000	987.600	20619.000	998.100	20641.000
GR	998.400	20750.000	1001.000	20880.000	1001.200	21071.000	1001.800	21155.000	1003.200	21183.000
GR	1002.200	21237.000	1004.500	22041.000	1008.000	22060.000	1006.400	22097.000	1006.200	22134.000
GR	1007.000	22194.000	1009.000	23041.000	1011.000	23279.000	1011.000	23354.000	1012.900	23774.000
GR	1011.700	23967.000	1012.900	24168.000	1014.100	24539.000	1014.700	24724.000	1014.600	24800.000
GR	1015.600	25001.000	1016.400	25733.000	1019.000	25760.000	1016.800	25777.000	1016.800	25906.000

ET	0.000	4.100	9.100	0.000	21350.000	0.000	0.000	0.000	18150.000	21187.000
X1	7.207	65.000	18185.000	21187.000	940.000	880.000	930.000	0.000	0.000	0.000
X3	10.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
GR	1007.500	15824.000	1008.700	15856.000	1007.300	15901.000	1002.900	16961.000	1002.200	17069.000
GR	1002.100	17161.000	1002.600	17304.000	1003.700	17500.000	1005.000	17637.000	1000.200	17680.000
GR	1004.600	17711.000	1004.200	17929.000	1005.000	18146.000	1001.700	18185.000	1001.700	18207.000
GR	996.500	18223.000	997.000	18275.000	1000.400	18327.000	999.000	18386.000	996.200	18398.000
GR	994.600	18666.000	992.500	18692.000	994.800	18745.000	999.600	18809.000	1004.600	18825.000
GR	1006.400	19072.000	1001.200	19216.000	1002.200	19352.000	999.600	19380.000	998.400	19449.000
GR	1001.700	19492.000	996.200	19540.000	996.500	19595.000	993.000	19629.000	993.000	19978.000
GR	993.400	20000.000	995.700	20196.000	993.400	20284.000	990.900	20297.000	989.600	20808.000
GR	996.600	20827.000	993.400	20997.000	988.600	21059.000	988.800	21100.000	1004.000	21187.000
GR	1006.600	21771.000	1010.000	21789.000	1010.000	21819.000	1003.600	21832.000	1006.400	21847.000
GR	1009.300	22605.000	1014.600	24399.000	1015.400	24500.000	1018.500	25370.000	1020.800	26381.000
GR	1021.600	26567.000	1023.400	27058.000	1025.900	27069.000	1025.100	27108.000	1027.000	27140.000
GR	1024.600	27173.000	1026.100	28054.000	1026.900	28447.000	1025.800	28491.000	1027.100	28800.000
ET	0.000	4.100	9.100	0.000	21668.000	0.000	0.000	0.000	18300.000	21050.000
X1	7.353	72.000	18329.000	21045.000	820.000	700.000	770.000	0.000	0.000	0.000
GR	1008.500	15651.000	1009.400	16240.000	1009.700	16491.000	1010.200	16561.000	1007.700	16641.000
GR	1004.700	16683.000	1004.300	17157.000	1003.900	17300.000	1005.600	17425.000	1006.100	17720.000
GR	1007.300	17893.000	1006.100	18120.000	1006.200	18215.000	1004.100	18280.000	1007.400	18329.000
GR	997.800	18373.000	996.900	18511.000	998.600	18674.000	996.500	18737.000	1000.900	18912.000
GR	1006.400	18927.000	1005.200	18972.000	1000.500	19023.000	1002.800	19105.000	1003.400	19167.000
GR	1000.500	19250.000	1003.400	19311.000	1003.600	19452.000	1003.700	19603.000	1004.800	19651.000
GR	993.000	19721.000	993.000	20000.000	993.000	20089.000	995.800	20237.000	996.900	20467.000
GR	990.800	20496.000	990.800	20530.000	994.800	20541.000	995.200	20568.000	991.600	20604.000
GR	991.600	20711.000	992.600	20749.000	991.200	20788.000	997.000	20800.000	990.800	20822.000
GR	993.400	20918.000	998.600	20947.000	999.300	21001.000	1004.600	21045.000	1003.000	21081.000
GR	1002.000	21158.000	1004.600	21242.000	1002.400	21342.000	1008.400	21390.000	1009.200	21557.000
GR	1010.000	21668.000	1005.000	21721.000	1008.200	21780.000	1008.600	22040.000	1015.400	24164.000
GR	1016.300	24195.000	1016.300	24300.000	1021.000	25891.000	1023.000	26790.000	1024.700	26823.000
GR	1022.900	26863.000	1024.600	26890.000	1022.600	26944.000	1027.300	28161.000	1028.200	28206.000
GR	1026.900	28243.000	1028.100	28600.000	0.000	0.000	0.000	0.000	0.000	0.000
ET	0.000	4.100	9.100	0.000	21650.000	0.000	0.000	0.000	18300.000	21100.000
X1	7.501	57.000	18362.000	21092.000	560.000	830.000	780.000	0.000	0.000	0.000
GR	1012.700	16573.000	1012.200	16597.000	1005.900	16718.000	1006.700	17100.000	1007.400	18106.000
GR	1008.100	18155.000	1006.600	18362.000	999.400	18377.000	997.600	18523.000	996.200	18590.000
GR	1000.800	18798.000	1003.600	18970.000	1001.800	19017.000	1001.800	19060.000	1007.800	19083.000
GR	1002.800	19145.000	1001.800	19271.000	1013.800	19364.000	1006.400	19400.000	1004.600	19430.000
GR	1005.400	19728.000	993.600	19803.000	994.200	20000.000	994.200	20358.000	998.000	20478.000
GR	993.000	20491.000	992.400	20551.000	995.000	20582.000	998.200	20630.000	991.000	20696.000
GR	991.000	20774.000	999.200	20797.000	998.200	20949.000	1001.400	21020.000	998.600	21050.000
GR	1003.300	21092.000	1005.000	21123.000	1007.200	21302.000	1008.200	21510.000	1011.400	21585.000
GR	1012.600	21665.000	1010.900	22473.000	1005.700	22485.000	1012.100	22498.000	1010.200	22552.000
GR	1011.800	22662.000	1015.100	23907.000	1015.700	24000.000	1019.300	25236.000	1019.000	25285.000
GR	1024.000	26503.000	1024.300	26525.000	1024.700	26554.000	1025.000	26583.000	1024.000	26618.000
GR	1026.300	27601.000	1028.500	28300.000	0.000	0.000	0.000	0.000	0.000	0.000

ET	0.000	4.100	9.100	16800.000	0.000	0.000	0.000	0.000	18450.000	20800.000
X1	7.653	61.000	18466.000	20794.000	690.000	840.000	805.000	0.000	0.000	0.000
X3	10.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
GR	1012.000	15877.000	1012.800	16500.000	1013.900	16523.000	1012.800	16565.000	1015.000	16586.000
GR	1007.400	16597.000	1014.300	16620.000	1013.600	16659.000	1013.100	16800.000	1008.300	16835.000
GR	1007.900	16900.000	1008.200	17875.000	1009.600	17941.000	1008.400	18035.000	1003.700	18324.000
GR	1004.400	18466.000	998.500	18506.000	998.000	18560.000	1001.600	18686.000	1000.600	18809.000
GR	998.500	18898.000	1000.500	19050.000	1006.200	19177.000	1004.800	19361.000	1003.200	19632.000
GR	1000.200	19775.000	995.300	19824.000	996.600	19969.000	996.600	20000.000	994.100	20080.000
GR	994.200	20350.000	995.000	20367.000	994.900	20411.000	998.600	20448.000	995.800	20626.000
GR	996.600	20684.000	1006.100	20708.000	1007.400	20794.000	1008.500	20885.000	1009.600	21378.000
GR	1009.600	21687.000	1010.500	21765.000	1012.600	21802.000	1013.800	21979.000	1010.500	22033.000
GR	1013.400	22071.000	1013.700	22085.000	1011.700	22372.000	1014.000	23308.000	1016.100	23679.000
GR	1016.200	23724.000	1015.800	23800.000	1018.400	25018.000	1020.600	25052.000	1018.800	25087.000
GR	1022.100	26272.000	1024.000	26294.000	1025.100	26336.000	1023.600	26375.000	1026.100	27244.000
GR	1027.400	27800.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
ET	0.000	0.000	9.100	0.000	0.000	0.000	0.000	0.000	18600.000	20965.000
X1	7.839	55.000	18855.000	20965.000	930.000	1010.000	980.000	0.000	0.000	0.000
GR	1012.400	16562.000	1012.800	16600.000	1010.000	16633.000	1009.000	17607.000	1008.800	17729.000
GR	1010.400	17781.000	997.200	18080.000	996.100	18188.000	1005.000	18206.000	1002.600	18332.000
GR	1010.600	18348.000	1002.600	18362.000	1011.300	18384.000	1000.000	18422.000	999.400	18568.000
GR	996.400	18593.000	996.400	18744.000	1008.800	18787.000	1010.200	18810.000	1016.300	18855.000
GR	1002.000	18897.000	998.900	19041.000	997.300	19173.000	1002.500	19199.000	1004.600	19407.000
GR	998.500	20000.000	996.200	20126.000	996.200	20187.000	997.400	20207.000	995.700	20222.000
GR	995.700	20471.000	1005.400	20551.000	994.400	20580.000	995.800	20631.000	1009.600	20667.000
GR	1007.200	20741.000	1010.000	20857.000	1012.000	20965.000	1011.300	21047.000	1011.300	21825.000
GR	1011.300	21997.000	1014.000	22078.000	1016.900	22968.000	1017.800	23016.000	1017.700	23405.000
GR	1017.700	23500.000	1016.600	23623.000	1019.000	25211.000	1021.400	25245.000	1021.400	25387.000
GR	1023.000	25990.000	1023.400	26034.000	1021.300	26074.000	1025.900	27246.000	1026.700	27800.000
ET	0.000	0.000	9.100	0.000	0.000	0.000	0.000	0.000	18950.000	20986.000
X1	7.943	89.000	18960.000	21125.000	450.000	590.000	550.000	0.000	0.000	0.000
X3	10.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
GR	1021.400	8700.000	1016.200	9000.000	1010.900	9021.000	1009.200	9643.000	1011.200	9669.000
GR	1011.200	9698.000	1001.800	9714.000	1009.300	9740.000	1007.300	9764.000	1007.400	10974.000
GR	1008.600	11004.000	1008.100	11626.000	1008.200	12172.000	1010.900	13200.000	1011.300	13592.000
GR	1012.400	13609.000	1009.400	13646.000	1011.000	14641.000	1011.100	14882.000	1012.600	14924.000
GR	1012.700	14955.000	1012.700	15004.000	1014.700	16251.000	1015.600	16305.000	1014.600	16450.000
GR	1012.000	16484.000	1013.800	16600.000	1010.600	16612.000	1011.300	16852.000	1009.200	17588.000
GR	1010.100	17741.000	1009.600	17930.000	1010.100	18050.000	1009.300	18104.000	1009.000	18139.000
GR	1009.000	18357.000	1009.200	18382.000	1004.600	18408.000	1004.600	18481.000	1014.900	18508.000
GR	1019.300	18550.000	1004.600	18581.000	1004.400	18609.000	996.900	18658.000	997.300	18871.000
GR	1018.600	18925.000	1012.900	18960.000	1009.800	19055.000	1011.300	19110.000	1008.600	19228.000
GR	1006.400	19272.000	1011.300	19288.000	998.500	19345.000	1001.700	19568.000	998.900	19926.000
GR	998.900	20000.000	997.200	20357.000	1002.600	20390.000	999.300	20418.000	997.300	20451.000
GR	997.300	20529.000	1003.700	20536.000	1003.700	20640.000	997.300	20656.000	997.300	20711.000
GR	1000.600	20737.000	1000.600	20773.000	1010.000	20808.000	1011.000	21048.000	1011.000	21114.000
GR	1014.200	21125.000	1012.900	21177.000	1007.700	21285.000	1012.100	21372.000	1012.400	21455.000
GR	1012.400	22000.000	1014.900	22025.000	1012.400	22055.000	1017.800	23100.000	1019.100	23136.000
GR	1018.300	23400.000	1017.700	23687.000	1021.000	25874.000	1024.300	25925.000	1025.000	25951.000
GR	1025.100	26002.000	1023.000	26022.000	1025.400	27227.000	1026.600	27800.000	0.000	0.000

NC	0.000	0.000	0.000	0.300	0.500	0.000	0.000	0.000	0.000	0.000
ET	0.000	4.100	9.100	0.000	21240.000	0.000	0.000	0.000	19350.000	21100.000
X1	8.022	55.000	19367.000	21069.000	440.000	465.000	415.000	0.000	0.000	0.000
X3	10.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
GR	1029.900	18752.000	1024.100	18788.000	1022.500	18800.000	1018.700	18826.000	1011.700	18861.000
GR	1008.800	18873.000	1007.700	18956.000	1007.500	19012.000	1003.500	19042.000	1001.200	19090.000
GR	1000.100	19112.000	1002.700	19193.000	1007.900	19264.000	1015.100	19295.000	1011.200	19308.000
GR	1009.900	19367.000	1006.000	19410.000	1001.300	19489.000	998.000	19610.000	996.700	19642.000
GR	996.700	19936.000	996.700	20000.000	996.700	20140.000	998.900	20177.000	998.800	20271.000
GR	998.700	20380.000	998.400	20474.000	999.500	20602.000	999.900	20690.000	999.900	20783.000
GR	1000.900	20835.000	998.000	20890.000	999.200	20940.000	1009.300	20972.000	1011.100	21018.000
GR	1012.300	21069.000	1012.500	21114.000	1009.100	21131.000	1010.900	21160.000	1012.900	21240.000
GR	1014.800	21262.000	1014.800	21320.000	1015.500	21380.000	1015.700	21426.000	1012.400	21473.000
GR	1012.400	21554.000	1013.600	21649.000	1014.000	21690.000	1014.700	21780.000	1014.500	21891.000
GR	1014.500	21961.000	1016.800	21982.000	1012.100	21994.000	1015.300	22006.000	1014.500	22029.000
ET	0.000	0.000	9.100	0.000	0.000	0.000	0.000	0.000	19297.000	21045.000
X1	8.041	84.000	19297.000	21045.000	100.000	100.000	100.000	0.000	0.000	0.000
X3	10.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
GR	1015.100	15934.000	1015.500	16131.000	1015.500	16178.000	1016.600	16215.000	1017.600	16240.000
GR	1016.000	16269.000	1015.600	16385.000	1015.600	16471.000	1013.400	16490.000	1013.400	16673.000
GR	1013.100	16833.000	1012.700	17089.000	1012.400	17276.000	1012.200	17377.000	1011.900	17491.000
GR	1011.900	17580.000	1011.200	17647.000	1010.700	17769.000	1009.800	17930.000	1010.000	18029.000
GR	1010.300	18154.000	1015.600	18169.000	1011.400	18186.000	1011.400	18215.000	1015.600	18225.000
GR	1010.800	18238.000	1011.100	18294.000	1013.000	18346.000	1012.000	18431.000	1009.200	18589.000
GR	1010.300	18689.000	1009.800	18723.000	1008.000	18775.000	1009.100	18800.000	1009.600	18830.000
GR	1011.200	18938.000	1013.300	19064.000	1015.500	19168.000	1018.700	19297.000	1016.800	19424.000
GR	997.500	19452.000	997.500	19958.000	997.500	20000.000	997.500	20551.000	997.500	20976.000
GR	1019.300	21045.000	1019.200	21070.000	1019.200	21135.000	1016.800	21282.000	1014.900	21409.000
GR	1014.500	21554.000	1013.900	21736.000	1014.100	21886.000	1014.400	22040.000	1015.200	22201.000
GR	1015.500	22300.000	1015.500	22400.000	1016.100	22752.000	1016.900	22905.000	1017.500	23009.000
GR	1018.100	23184.000	1017.600	23335.000	1017.900	23462.000	1018.300	23607.000	1018.700	23725.000
GR	1019.300	23842.000	1019.300	23994.000	1018.500	24197.000	1019.500	24363.000	1020.500	24460.000
GR	1021.100	24636.000	1022.100	24819.000	1022.000	25007.000	1021.700	25213.000	1022.400	25404.000
GR	1023.300	25599.000	1023.500	25731.000	1023.600	25870.000	1024.000	25926.000	1023.500	25985.000
GR	1024.000	26109.000	1023.100	26277.000	1023.100	26424.000	1022.400	26615.000	0.000	0.000
ET	0.000	0.000	9.100	0.000	0.000	0.000	0.000	0.000	19400.000	21045.000
SB	1.050	1.600	2.500	0.000	1550.000	120.000	30030.000	0.600	996.000	995.800
	51	ST AVENUE BRIDGE								
X1	8.051	0.000	0.000	0.000	53.000	53.000	53.000	0.000	0.000	0.000
X2	0.000	0.000	1.000	1017.000	1012.200	0.000	0.000	0.000	0.000	0.000
X3	10.000	0.000	0.000	0.000	0.000	0.000	0.000	1012.200	1012.300	0.000
BT	11.000	16750.000	1016.000	0.000	17520.000	1012.000	0.000	18950.000	1012.000	0.000
BT	19130.000	1016.000	0.000	19420.000	1022.000	0.000	19421.000	1022.000	1017.000	20400.000
BT	1030.200	1025.000	21020.000	1022.400	1017.100	21021.000	1022.400	0.000	21200.000	1020.000
BT	0.000	21420.000	1016.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000

ET	0.000	0.000	9.100	0.000	0.000	0.000	0.000	0.000	19200.000	21150.000
X1	8.070	90.000	19221.000	21141.000	100.000	100.000	100.000	0.000	0.000	0.000
X3	10.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
GR	1016.700	16116.000	1015.900	16178.000	1017.800	16198.000	1018.200	16244.000	1017.200	16308.000
GR	1016.300	16376.000	1015.900	16455.000	1015.200	16727.000	1015.900	16869.000	1015.500	16939.000
GR	1013.800	17000.000	1012.000	17051.000	1012.000	17197.000	1012.400	17360.000	1012.200	17511.000
GR	1013.200	17560.000	1012.300	17595.000	1012.600	17892.000	1012.000	18108.000	1012.300	18227.000
GR	1012.400	18327.000	1012.300	18458.000	1011.500	18614.000	1011.500	18771.000	1011.600	18800.000
GR	1010.900	18822.000	1010.900	18915.000	1010.800	18994.000	1010.700	19107.000	1011.200	19176.000
GR	1011.700	19221.000	1010.500	19281.000	1007.900	19316.000	1004.300	19397.000	1002.300	19531.000
GR	1001.100	19626.000	999.500	19752.000	998.000	19793.000	998.000	19848.000	997.100	19912.000
GR	997.100	19963.000	997.100	20000.000	997.200	20158.000	998.800	20238.000	1000.000	20362.000
GR	1000.400	20477.000	1000.700	20567.000	1000.300	20683.000	1002.100	20796.000	1003.300	20928.000
GR	1005.100	21020.000	1006.500	21047.000	1010.700	21073.000	1011.100	21141.000	1010.300	21193.000
GR	1011.900	21252.000	1013.500	21306.000	1016.500	21344.000	1017.100	21396.000	1016.800	21421.000
GR	1016.000	21466.000	1016.000	21503.000	1015.600	21545.000	1015.600	21619.000	1014.300	21751.000
GR	1012.900	21790.000	1013.600	22021.000	1015.100	22216.000	1013.900	22300.000	1016.800	22386.000
GR	1015.200	22543.000	1012.800	22597.000	1012.800	22638.000	1015.700	22669.000	1015.600	22776.000
GR	1016.900	22872.000	1017.500	22966.000	1018.900	23122.000	1022.000	23163.000	1021.500	23250.000
GR	1022.700	23342.000	1022.300	23447.000	1021.600	23590.000	1021.900	23764.000	1021.300	23835.000
GR	1020.400	23930.000	1020.500	24042.000	1020.900	24216.000	1020.400	24310.000	1021.100	24454.000
NC	0.000	0.000	0.000	0.100	0.300	0.000	0.000	0.000	0.000	0.000
ET	0.000	0.000	9.100	0.000	0.000	0.000	0.000	0.000	19141.000	0.000
X1	8.155	90.000	19098.000	21433.000	430.000	390.000	450.000	0.000	0.000	0.000
X3	10.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
GR	1019.000	16596.000	1018.600	16780.000	1017.000	16988.000	1014.800	17019.000	1013.500	17073.000
GR	1013.000	17179.000	1012.800	17317.000	1012.800	17440.000	1012.800	17509.000	1013.900	17524.000
GR	1013.900	17530.000	1014.400	17542.000	1014.000	17561.000	1014.000	17740.000	1013.800	18185.000
GR	1013.900	18536.000	1013.000	18795.000	1013.000	18800.000	1012.100	18806.000	1012.300	18998.000
GR	1012.800	19098.000	1010.000	19111.000	1010.700	19188.000	1012.400	19218.000	1012.000	19307.000
GR	1010.400	19350.000	1011.500	19395.000	1012.300	19447.000	1007.100	19489.000	1002.500	19514.000
GR	1002.500	19574.000	1003.500	19617.000	1009.900	19642.000	1009.700	19698.000	1008.800	19753.000
GR	1003.900	19795.000	999.500	19833.000	999.500	20000.000	999.500	20156.000	1003.900	20292.000
GR	1005.200	20379.000	1007.500	20415.000	1010.900	20433.000	1011.200	20509.000	1010.300	20576.000
GR	1007.300	20625.000	1004.500	20679.000	1002.000	20715.000	1002.000	20817.000	1001.600	20872.000
GR	1002.000	20972.000	1002.500	21051.000	1003.200	21106.000	1004.900	21173.000	1005.700	21233.000
GR	1005.600	21285.000	1006.100	21353.000	1013.200	21388.000	1016.700	21414.000	1018.800	21433.000
GR	1016.500	21451.000	1017.100	21465.000	1016.700	21479.000	1017.600	21525.000	1017.600	21579.000
GR	1017.500	21630.000	1017.600	21764.000	1014.700	22044.000	1013.900	22094.000	1015.300	22137.000
GR	1014.100	22165.000	1014.500	22200.000	1017.100	22272.000	1018.300	22570.000	1017.700	22863.000
GR	1016.900	22934.000	1015.900	23050.000	1015.200	23151.000	1016.700	23193.000	1014.500	23204.000
GR	1013.900	23284.000	1015.900	23320.000	1020.300	23330.000	1022.000	23395.000	1022.000	23482.000
GR	1021.700	23541.000	1022.100	23630.000	1022.300	23774.000	1021.300	23874.000	1021.200	23951.000
ET	0.000	0.000	9.100	0.000	0.000	0.000	0.000	0.000	19100.000	0.000
X1	8.320	80.000	19306.000	22028.000	750.000	950.000	870.000	0.000	0.000	0.000
X3	10.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
GR	1017.000	15348.000	1017.000	15880.000	1017.900	16490.000	1018.600	16545.000	1018.800	16629.000
GR	1019.200	16730.000	1021.000	16774.000	1020.400	16793.000	1022.200	16829.000	1019.000	16863.000
GR	1021.100	16887.000	1018.600	16901.000	1018.200	17008.000	1017.200	17177.000	1016.400	17305.000
GR	1015.400	17408.000	1015.200	17503.000	1015.200	17667.000	1015.800	17969.000	1015.400	18251.000
GR	1015.100	18447.000	1014.800	18652.000	1015.400	18700.000	1014.100	18712.000	1014.100	18767.000

GR	1014.100	18865.000	1013.600	19079.000	1014.500	19205.000	1014.300	19306.000	1014.300	19352.000
GR	1009.600	19383.000	1008.000	19434.000	1008.400	19488.000	1008.400	19559.000	1006.300	19600.000
GR	1005.100	19665.000	1004.900	19745.000	1005.200	19775.000	1003.900	19798.000	998.400	19818.000
GR	998.400	20000.000	998.400	20029.000	1001.700	20073.000	1002.300	20136.000	1000.800	20172.000
GR	1004.400	20236.000	1009.100	20348.000	1011.300	20439.000	1009.900	20532.000	1008.300	20594.000
GR	1008.300	20640.000	1011.500	20713.000	1011.500	20789.000	1012.100	20881.000	1011.500	20924.000
GR	1008.900	20990.000	1011.300	21035.000	1009.700	21063.000	1006.700	21082.000	1008.500	21131.000
GR	1009.200	21206.000	1009.900	21266.000	1008.400	21330.000	1005.600	21370.000	1008.500	21426.000
GR	1009.600	21475.000	1008.000	21562.000	1006.100	21634.000	1002.700	21690.000	1002.100	21727.000
GR	1002.100	21793.000	1017.100	21818.000	1015.100	21854.000	1018.000	21924.000	1019.600	21971.000
GR	1020.100	22028.000	1019.600	22075.000	1018.900	22200.000	1020.300	22268.000	1018.800	22532.000
ET	0.000	0.000	9.100	0.000	0.000	0.000	0.000	0.000	19084.000	0.000
X1	8.456	90.000	19077.000	22225.000	770.000	650.000	720.000	0.000	0.000	0.000
X3	10.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
GR	1020.200	16685.000	1019.100	16888.000	1018.300	17065.000	1017.600	17284.000	1018.200	17390.000
GR	1016.600	17470.000	1016.300	17678.000	1017.400	17893.000	1017.400	17957.000	1017.200	18040.000
GR	1017.800	18165.000	1017.600	18287.000	1017.500	18443.000	1016.800	18590.000	1017.000	18671.000
GR	1017.000	18700.000	1015.600	18730.000	1017.900	18753.000	1017.600	18892.000	1016.900	19007.000
GR	1018.800	19030.000	1014.900	19042.000	1015.900	19077.000	1008.100	19099.000	1008.700	19148.000
GR	1010.100	19199.000	1011.200	19266.000	1011.500	19350.000	1009.500	19389.000	1006.300	19494.000
GR	1007.100	19584.000	1005.100	19625.000	1001.500	19655.000	1001.200	19675.000	999.700	19714.000
GR	1000.100	19764.000	1000.500	19826.000	999.600	19839.000	999.600	19911.000	1000.300	19954.000
GR	1000.300	20000.000	1000.300	20000.000	1003.200	20054.000	1007.300	20123.000	1009.300	20196.000
GR	1007.700	20246.000	1007.100	20299.000	1010.800	20400.000	1011.100	20458.000	1011.300	20541.000
GR	1015.600	20566.000	1016.100	20603.000	1014.500	20637.000	1014.100	20683.000	1014.300	20719.000
GR	1009.200	20740.000	1012.700	20755.000	1012.100	20835.000	1010.800	20860.000	1012.300	20900.000
GR	1011.100	20925.000	1009.300	20950.000	1012.800	20979.000	1014.300	21028.000	1014.100	21081.000
GR	1013.500	21193.000	1007.900	21212.000	1008.100	21263.000	1011.700	21330.000	1013.100	21424.000
GR	1009.500	21486.000	1007.100	21561.000	1007.300	21657.000	1009.100	21706.000	1005.100	21765.000
GR	1006.300	21861.000	1010.500	21886.000	1010.400	21935.000	1007.100	21983.000	1006.300	22009.000
GR	1006.300	22128.000	1021.900	22153.000	1020.700	22191.000	1020.400	22200.000	1022.300	22225.000
GR	1022.000	22528.000	1020.500	22840.000	1019.900	23038.000	1019.300	23080.000	1022.300	23109.000
ET	0.000	0.000	9.100	18313.000	0.000	0.000	0.000	0.000	18930.000	0.000
X1	8.609	90.000	18952.000	22189.000	810.000	800.000	810.000	0.000	0.000	0.000
X3	10.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
GR	1022.800	16794.000	1022.800	16825.000	1021.500	16854.000	1020.700	16898.000	1024.000	16923.000
GR	1022.800	16969.000	1022.900	17013.000	1022.900	17056.000	1020.000	17059.000	1020.000	17088.000
GR	1018.000	17108.000	1018.600	17254.000	1018.800	17402.000	1019.100	17630.000	1019.600	17750.000
GR	1019.900	17957.000	1020.600	18170.000	1021.000	18260.000	1020.800	18313.000	1017.900	18341.000
GR	1017.900	18518.000	1018.000	18600.000	1017.300	18665.000	1018.100	18793.000	1018.800	18869.000
GR	1018.800	18952.000	1013.900	18967.000	1008.800	19095.000	1005.900	19143.000	1007.600	19204.000
GR	1009.300	19257.000	1007.600	19292.000	1003.300	19352.000	1004.900	19410.000	1003.200	19439.000
GR	1003.200	19494.000	1008.100	19503.000	1009.200	19580.000	1008.100	19623.000	1005.700	19641.000
GR	1008.900	19664.000	1009.500	19745.000	1009.500	19786.000	1011.500	19853.000	1013.500	19910.000
GR	1014.800	20000.000	1013.100	20082.000	1001.300	20126.000	1001.300	20221.000	1004.300	20270.000
GR	1003.600	20314.000	1004.000	20417.000	1010.900	20456.000	1016.700	20477.000	1017.500	20554.000
GR	1016.700	20605.000	1014.100	20622.000	1014.500	20670.000	1014.800	20730.000	1014.300	20790.000
GR	1015.200	20838.000	1015.700	20921.000	1015.500	21017.000	1010.900	21084.000	1008.100	21137.000
GR	1007.700	21227.000	1008.400	21273.000	1011.300	21326.000	1012.800	21407.000	1012.300	21496.000
GR	1011.500	21611.000	1009.900	21729.000	1009.900	21851.000	1015.300	21882.000	1016.400	21933.000
GR	1017.100	22000.000	1019.600	22038.000	1020.300	22082.000	1021.100	22100.000	1023.300	22158.000
GR	1026.800	22189.000	1023.600	22214.000	1022.700	22466.000	1022.700	22678.000	1022.400	22844.000

GR	1022.000	23004.000	1020.700	23166.000	1022.400	23196.000	1021.300	23217.000	1019.500	23242.000
ET	0.000	0.000	9.100	0.000	0.000	0.000	0.000	0.000	18663.000	0.000
X1	8.719	85.000	18500.000	21504.000	600.000	510.000	580.000	0.000	0.000	0.000
X3	10.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
GR	1022.400	16836.000	1022.000	16868.000	1023.100	16890.000	1020.600	16934.000	1019.800	16957.000
GR	1019.000	17030.000	1020.400	17357.000	1021.500	17666.000	1022.400	18051.000	1022.900	18149.000
GR	1022.900	18200.000	1022.500	18394.000	1022.500	18418.000	1022.500	18425.000	1020.700	18486.000
GR	1020.300	18500.000	1018.700	18560.000	1019.200	18668.000	1010.000	18704.000	1008.300	18835.000
GR	1007.700	18914.000	1009.900	18984.000	1008.300	19062.000	1006.500	19177.000	1007.100	19224.000
GR	1009.500	19243.000	1010.900	19281.000	1007.300	19323.000	1005.700	19366.000	1006.800	19466.000
GR	1010.800	19510.000	1016.100	19537.000	1016.400	19622.000	1016.500	19661.000	1014.400	19704.000
GR	1012.300	19755.000	1010.900	19836.000	1011.500	19897.000	1013.100	19971.000	1014.300	20000.000
GR	1013.600	20062.000	1012.100	20135.000	1013.600	20163.000	1009.600	20208.000	1005.200	20280.000
GR	1006.700	20312.000	1006.700	20351.000	1006.700	20414.000	1004.000	20451.000	1004.000	20554.000
GR	1007.200	20613.000	1010.800	20688.000	1012.800	20754.000	1012.800	20841.000	1012.100	20917.000
GR	1011.500	21010.000	1010.700	21082.000	1009.100	21210.000	1009.200	21331.000	1009.500	21423.000
GR	1015.200	21462.000	1017.900	21504.000	1016.700	21555.000	1015.500	21593.000	1015.900	21641.000
GR	1016.800	21706.000	1018.800	21740.000	1019.500	21787.000	1019.500	21829.000	1019.100	21892.000
GR	1017.300	21950.000	1018.700	21974.000	1016.100	21987.000	1016.100	21998.000	1016.800	22037.000
GR	1017.300	22098.000	1017.300	22100.000	1022.900	22167.000	1026.900	22202.000	1025.400	22243.000
GR	1024.200	22473.000	1024.000	22688.000	1023.900	22874.000	1022.000	23118.000	1022.000	23197.000
ET	0.000	0.000	9.100	0.000	0.000	0.000	0.000	0.000	18467.000	0.000
X1	8.852	90.000	18390.000	20998.000	750.000	630.000	700.000	0.000	0.000	0.000
X3	10.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
GR	1021.100	15570.000	1021.100	15724.000	1022.400	15755.000	1021.500	15781.000	1021.100	16019.000
GR	1022.200	16247.000	1022.700	16400.000	1023.500	16524.000	1024.400	16695.000	1022.900	16716.000
GR	1024.000	16758.000	1021.000	16767.000	1020.800	16881.000	1021.500	17041.000	1021.400	17151.000
GR	1021.500	17330.000	1022.000	17466.000	1021.400	17540.000	1021.500	17633.000	1023.600	17882.000
GR	1024.100	18200.000	1024.100	18300.000	1023.200	18380.000	1024.500	18390.000	1023.100	18425.000
GR	1021.600	18491.000	1021.300	18542.000	1008.000	18572.000	1009.100	18630.000	1009.300	18665.000
GR	1010.700	18679.000	1010.000	18722.000	1008.800	18750.000	1008.900	18814.000	1012.900	18850.000
GR	1011.600	18864.000	1012.300	18914.000	1012.100	19003.000	1011.200	19069.000	1008.700	19169.000
GR	1007.700	19213.000	1011.700	19238.000	1012.000	19300.000	1015.200	19357.000	1014.000	19411.000
GR	1012.100	19434.000	1014.000	19472.000	1015.600	19531.000	1016.000	19591.000	1015.100	19640.000
GR	1013.700	19678.000	1013.100	19698.000	1014.500	19776.000	1014.100	19851.000	1013.500	19883.000
GR	1014.700	19939.000	1014.300	20000.000	1012.500	20107.000	1010.800	20166.000	1012.500	20215.000
GR	1013.600	20267.000	1010.500	20353.000	1008.000	20428.000	1008.000	20858.000	1015.700	20907.000
GR	1022.800	20940.000	1022.900	20998.000	1021.500	21116.000	1020.800	21170.000	1023.500	21239.000
GR	1020.100	21277.000	1018.100	21299.000	1015.200	21363.000	1012.100	21397.000	1013.200	21431.000
GR	1012.000	21453.000	1012.000	21525.000	1012.000	21599.000	1012.000	21663.000	1012.000	21724.000
GR	1024.000	21765.000	1021.100	21823.000	1017.900	21862.000	1019.300	21886.000	1019.900	21900.000
GR	1018.300	21901.000	1018.300	21919.000	1021.100	21977.000	1022.800	22030.000	1024.200	22106.000
ET	0.000	0.000	9.100	0.000	0.000	0.000	0.000	0.000	18360.000	0.000
X1	8.983	90.000	18270.000	20743.000	670.000	730.000	690.000	0.000	0.000	0.000
X3	10.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
GR	1042.100	17941.000	1042.100	17945.000	1031.200	17982.000	1026.700	18036.000	1022.400	18071.000
GR	1018.700	18097.000	1017.600	18141.000	1022.900	18197.000	1023.500	18200.000	1024.800	18219.000
GR	1023.600	18270.000	1023.300	18408.000	1014.000	18434.000	1011.900	18463.000	1008.900	18504.000
GR	1010.400	18578.000	1012.500	18659.000	1013.900	18706.000	1012.300	18754.000	1017.500	18794.000
GR	1018.800	18852.000	1018.900	18918.000	1010.300	18948.000	1009.900	18989.000	1010.300	19051.000
GR	1013.500	19104.000	1014.300	19165.000	1016.500	19290.000	1017.100	19363.000	1017.100	19455.000

GR	1018.100	19575.000	1017.300	19674.000	1014.800	19726.000	1016.000	19743.000	1015.200	19836.000
GR	1013.300	19943.000	1013.300	20000.000	1012.100	20151.000	1010.100	20210.000	1007.200	20241.000
GR	1007.200	20272.000	1008.700	20304.000	1007.600	20322.000	1007.600	20570.000	1013.700	20590.000
GR	1012.000	20628.000	1013.900	20658.000	1021.900	20698.000	1022.100	20743.000	1022.300	20792.000
GR	1023.100	20859.000	1024.400	20951.000	1025.000	21032.000	1023.900	21061.000	1020.900	21112.000
GR	1022.400	21148.000	1021.100	21203.000	1019.700	21241.000	1016.800	21263.000	1018.000	21281.000
GR	1019.200	21311.000	1016.500	21321.000	1017.100	21374.000	1017.200	21400.000	1012.000	21438.000
GR	1012.000	21472.000	1012.000	21560.000	1021.000	21597.000	1018.000	21599.000	1016.500	21627.000
GR	1022.000	21674.000	1021.300	21710.000	1020.500	21777.000	1018.000	21804.000	1020.100	21816.000
GR	1020.400	21844.000	1019.300	21862.000	1019.300	21883.000	1023.300	21907.000	1022.800	21968.000
GR	1022.900	22019.000	1028.600	22043.000	1024.200	22059.000	1026.400	22069.000	1026.600	22290.000
GR	1025.200	22750.000	1023.700	22847.000	1026.500	22874.000	1027.000	22940.000	1025.700	23029.000
NC	0.045	0.040	0.033	0.000	0.000	0.000	0.000	0.000	0.000	0.000
ET	0.000	0.000	9.100	0.000	0.000	0.000	0.000	0.000	18579.000	0.000
	43	RD AVENUE EXTENSION								
X1	9.098	90.000	18608.000	21048.000	700.000	660.000	610.000	0.000	0.000	0.000
X3	10.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
GR	1028.500	16738.000	1026.900	16745.000	1028.900	16757.000	1026.700	16762.000	1029.100	16766.000
GR	1027.200	16777.000	1028.000	16809.000	1028.000	16850.000	1026.700	16908.000	1026.900	17014.000
GR	1026.400	17185.000	1026.100	17395.000	1026.300	17713.000	1026.400	17890.000	1026.800	18013.000
GR	1027.600	18042.000	1028.300	18064.000	1025.200	18071.000	1027.300	18081.000	1024.300	18121.000
GR	1024.300	18234.000	1023.600	18320.000	1023.600	18440.000	1023.600	18465.000	1023.600	18608.000
GR	1012.700	18653.000	1011.600	18700.000	1010.400	18749.000	1011.600	18792.000	1014.700	18915.000
GR	1015.700	18992.000	1016.000	19089.000	1019.700	19101.000	1015.600	19109.000	1013.300	19161.000
GR	1014.400	19218.000	1013.900	19280.000	1013.200	19348.000	1012.800	19443.000	1013.100	19506.000
GR	1013.300	19620.000	1013.700	19725.000	1012.900	19797.000	1011.900	19834.000	1014.800	19879.000
GR	1015.500	19925.000	1015.500	19966.000	1014.300	20000.000	1013.600	20041.000	1012.300	20084.000
GR	1013.000	20131.000	1014.000	20224.000	1008.600	20254.000	1007.200	20312.000	1007.200	20371.000
GR	1008.200	20432.000	1008.400	20523.000	1008.400	20631.000	1010.400	20713.000	1017.200	20775.000
GR	1019.000	20838.000	1021.100	20930.000	1021.900	21048.000	1021.400	21132.000	1022.000	21292.000
GR	1022.800	21413.000	1023.100	21526.000	1024.000	21577.000	1023.900	21625.000	1023.600	21703.000
GR	1023.600	21801.000	1024.700	21900.000	1025.100	21965.000	1025.400	22021.000	1026.000	22040.000
GR	1026.700	22091.000	1026.800	22186.000	1026.400	22301.000	1026.400	22394.000	1029.000	22465.000
GR	1026.800	22535.000	1026.600	22641.000	1027.100	22759.000	1025.600	22824.000	1025.800	22925.000
GR	1025.500	23020.000	1024.700	23100.000	1026.200	23124.000	1026.000	23141.000	1024.700	23180.000
ET	0.000	0.000	9.100	0.000	21350.000	0.000	0.000	0.000	19100.000	0.000
X1	9.259	90.000	19065.000	20898.000	780.000	790.000	850.000	0.000	0.000	0.000
GR	1029.500	16611.000	1029.100	16620.000	1030.100	16633.000	1030.100	16645.000	1029.500	16650.000
GR	1028.700	16965.000	1027.900	17290.000	1028.000	17534.000	1026.900	17781.000	1026.700	17845.000
GR	1028.300	17868.000	1025.900	17880.000	1027.300	17892.000	1027.600	17914.000	1029.300	17933.000
GR	1025.700	17941.000	1027.600	17947.000	1026.300	17976.000	1025.900	18162.000	1025.200	18347.000
GR	1025.100	18591.000	1024.300	18736.000	1024.300	18760.000	1024.300	18893.000	1024.000	19065.000
GR	1017.100	19119.000	1011.200	19174.000	1008.700	19261.000	1008.400	19323.000	1010.400	19436.000
GR	1013.500	19508.000	1013.600	19536.000	1017.300	19577.000	1017.600	19635.000	1016.000	19665.000
GR	1018.900	19707.000	1020.300	19799.000	1020.300	19900.000	1020.300	20000.000	1018.600	20050.000
GR	1014.400	20129.000	1012.700	20169.000	1012.400	20208.000	1010.600	20271.000	1009.100	20310.000
GR	1003.600	20362.000	1003.600	20420.000	1007.000	20455.000	1008.700	20503.000	1011.500	20564.000
GR	1013.000	20624.000	1014.200	20669.000	1015.100	20706.000	1013.200	20728.000	1017.000	20763.000
GR	1018.600	20805.000	1020.600	20840.000	1025.600	20862.000	1026.000	20898.000	1016.000	20923.000
GR	1016.000	21472.000	1016.000	21564.000	1023.400	21617.000	1023.600	21719.000	1024.300	21832.000
GR	1026.600	21899.000	1039.900	21944.000	1026.400	21978.000	1027.900	22071.000	1027.500	22152.000
GR	1035.000	22165.000	1038.000	22203.000	1029.800	22244.000	1028.000	22345.000	1027.200	22382.000

GR	1028.600	22420.000	1026.800	22440.000	1027.900	22481.000	1027.600	22613.000	1026.600	22741.000
GR	1025.900	22846.000	1027.600	23072.000	1027.600	23185.000	1026.800	23255.000	1027.500	23320.000
GR	1029.000	23400.000	1028.700	23453.000	1028.100	23607.000	1028.100	23727.000	1027.700	23778.000
ET	0.000	0.000	9.100	0.000	0.000	0.000	0.000	0.000	19188.000	0.000
X1	9.384	65.000	19242.000	20748.000	620.000	790.000	660.000	0.000	0.000	0.000
X3	10.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
GR	1031.600	16518.000	1031.500	16543.000	1030.300	16547.000	1027.300	18078.000	1026.300	18320.000
GR	1025.900	18917.000	1025.100	19006.000	1025.200	19050.000	1025.700	19063.000	1023.900	19093.000
GR	1025.300	19110.000	1026.300	19145.000	1025.200	19194.000	1024.900	19242.000	1010.500	19290.000
GR	1009.100	19324.000	1005.900	19372.000	1007.700	19435.000	1008.400	19482.000	1010.400	19509.000
GR	1018.900	19788.000	1017.700	19800.000	1018.300	19829.000	1020.300	19878.000	1021.500	19928.000
GR	1021.100	20001.000	1021.500	20098.000	1021.500	20151.000	1020.300	20188.000	1019.100	20204.000
GR	1019.600	20229.000	1023.400	20265.000	1022.400	20291.000	1020.300	20344.000	1017.100	20422.000
GR	1019.800	20453.000	1020.700	20484.000	1023.000	20503.000	1017.400	20528.000	1019.000	20574.000
GR	1019.800	20635.000	1021.800	20665.000	1017.800	20688.000	1019.200	20723.000	1022.600	20748.000
GR	1016.000	20783.000	1016.000	22147.000	1028.000	22292.000	1027.400	22300.000	1027.900	22364.000
GR	1037.600	22383.000	1036.900	22428.000	1032.400	22511.000	1031.900	22530.000	1013.600	22565.000
GR	1013.600	22592.000	1013.000	22593.000	1013.000	22676.000	1024.600	22701.000	1021.200	22722.000
GR	1027.100	22760.000	1028.000	22810.000	1030.300	22834.000	1028.800	22883.000	1029.600	22982.000
ET	0.000	0.000	9.100	0.000	21563.000	0.000	0.000	0.000	19165.000	0.000
X1	9.543	90.000	19317.000	21563.000	820.000	750.000	840.000	0.000	0.000	0.000
GR	1033.300	16390.000	1033.300	16403.000	1031.500	16410.000	1032.300	16574.000	1031.500	17031.000
GR	1032.100	17578.000	1030.000	17625.000	1031.100	17654.000	1030.300	17693.000	1027.100	17706.000
GR	1028.400	18940.000	1025.700	18991.000	1026.900	19015.000	1024.800	19051.000	1024.800	19058.000
GR	1027.600	19077.000	1025.900	19102.000	1026.100	19159.000	1025.100	19202.000	1019.100	19239.000
GR	1019.100	19280.000	1020.300	19317.000	1008.100	19367.000	1006.500	19403.000	1006.900	19427.000
GR	1009.200	19453.000	1014.300	19496.000	1016.700	19540.000	1017.300	19589.000	1016.900	19600.000
GR	1017.600	19629.000	1019.200	19797.000	1018.300	19895.000	1016.700	19930.000	1013.600	19960.000
GR	1013.400	19996.000	1013.400	20000.000	1015.000	20029.000	1016.700	20110.000	1026.200	20143.000
GR	1020.800	20183.000	1019.500	20207.000	1017.800	20255.000	1018.600	20304.000	1021.000	20339.000
GR	1022.000	20352.000	1021.500	20411.000	1021.600	20476.000	1021.000	20519.000	1021.000	20550.000
GR	1018.300	20558.000	1017.400	20580.000	1016.400	20617.000	1019.600	20624.000	1021.000	20705.000
GR	1026.000	20719.000	1020.200	20728.000	1020.300	20788.000	1020.000	20837.000	1017.900	20887.000
GR	1016.400	20928.000	1015.800	20960.000	1017.400	21001.000	1018.200	21062.000	1019.100	21133.000
GR	1019.200	21185.000	1016.800	21229.000	1011.500	21277.000	1010.800	21322.000	1011.800	21357.000
GR	1014.200	21379.000	1012.000	21413.000	1008.200	21439.000	1005.800	21461.000	1008.400	21516.000
GR	1017.500	21548.000	1022.800	21563.000	1022.000	21617.000	1019.100	21672.000	1016.400	21727.000
GR	1022.000	21871.000	1017.200	21894.000	1018.700	21935.000	1014.600	21972.000	1014.600	22003.000
GR	1031.100	22176.000	1030.200	22194.000	1028.300	22199.000	1029.000	22211.000	1029.900	22268.000
NC	0.045	0.045	0.033	0.000	0.000	0.000	0.000	0.000	0.000	0.000
ET	0.000	0.000	9.100	0.000	21298.000	0.000	0.000	0.000	19146.000	0.000
X1	9.664	90.000	19255.000	21298.000	670.000	700.000	640.000	0.000	0.000	0.000
GR	1031.600	17121.000	1032.500	17247.000	1032.300	17295.000	1032.300	17469.000	1032.300	17521.000
GR	1033.200	17540.000	1032.900	17563.000	1032.300	17592.000	1032.300	17653.000	1031.100	17745.000
GR	1030.000	17767.000	1029.300	17966.000	1029.200	18247.000	1029.700	18451.000	1030.300	18514.000
GR	1028.700	18571.000	1028.700	18609.000	1029.600	18640.000	1029.700	18766.000	1030.000	18886.000
GR	1030.000	18906.000	1028.000	18920.000	1028.000	18958.000	1031.200	18964.000	1027.900	18971.000
GR	1026.900	19040.000	1026.100	19101.000	1018.900	19150.000	1019.100	19193.000	1025.500	19255.000
GR	1024.800	19351.000	1016.800	19414.000	1013.300	19461.000	1012.900	19488.000	1012.500	19500.000
GR	1012.900	19515.000	1014.800	19552.000	1016.700	19637.000	1018.900	19706.000	1019.500	19772.000
GR	1019.700	19872.000	1019.300	19987.000	1019.300	20000.000	1019.300	20177.000	1018.900	20219.000

GR	1018.900	20371.000	1016.100	20393.000	1018.300	20411.000	1018.100	20446.000	1019.300	20481.000
GR	1019.700	20579.000	1023.700	20606.000	1022.700	20646.000	1022.700	20676.000	1018.000	20707.000
GR	1015.600	20757.000	1013.300	20822.000	1014.400	20871.000	1015.900	20920.000	1015.500	20987.000
GR	1014.100	21135.000	1013.600	21255.000	1026.400	21298.000	1024.300	21363.000	1023.600	21485.000
GR	1023.100	21613.000	1023.600	21725.000	1024.400	21822.000	1025.700	21922.000	1025.900	21992.000
GR	1025.900	22064.000	1029.200	22143.000	1031.200	22239.000	1030.500	22277.000	1028.000	22297.000
GR	1029.100	22323.000	1031.100	22340.000	1031.100	22432.000	1031.900	22606.000	1032.100	22735.000
GR	1032.500	22871.000	1033.100	22976.000	1033.300	23000.000	1034.100	23033.000	1032.900	23058.000
GR	1032.900	23214.000	1032.100	23334.000	1032.200	23421.000	1032.300	23624.000	1032.600	23853.000
ET	0.000	4.100	9.100	0.000	21000.000	0.000	0.000	0.000	19200.000	20700.000
X1	9.786	90.000	19236.000	20692.000	690.000	700.000	640.000	0.000	0.000	0.000
GR	1034.400	17121.000	1034.500	17238.000	1034.500	17346.000	1034.100	17385.000	1034.100	17440.000
GR	1034.100	17544.000	1033.100	17647.000	1033.100	17758.000	1032.700	17839.000	1032.400	17941.000
GR	1032.700	17981.000	1033.100	18054.000	1033.300	18127.000	1033.200	18236.000	1033.500	18315.000
GR	1033.500	18347.000	1033.700	18464.000	1033.700	18582.000	1033.300	18744.000	1033.300	18803.000
GR	1037.700	18826.000	1032.900	18826.000	1031.500	18902.000	1028.400	18960.000	1022.300	19006.000
GR	1021.900	19051.000	1022.500	19072.000	1025.500	19121.000	1026.300	19191.000	1027.700	19236.000
GR	1026.700	19273.000	1019.700	19320.000	1017.300	19355.000	1016.300	19423.000	1018.900	19448.000
GR	1019.600	19472.000	1019.900	19498.000	1019.700	19500.000	1020.000	19524.000	1022.500	19604.000
GR	1021.200	19658.000	1022.900	19703.000	1022.500	19785.000	1023.200	19844.000	1022.700	19889.000
GR	1022.400	19923.000	1020.400	19950.000	1019.700	20000.000	1016.400	20078.000	1014.300	20171.000
GR	1013.200	20255.000	1014.400	20335.000	1012.900	20457.000	1012.900	20535.000	1014.700	20600.000
GR	1023.500	20663.000	1030.100	20692.000	1027.900	20755.000	1029.900	20787.000	1030.800	20888.000
GR	1029.500	20928.000	1029.600	20996.000	1026.400	21020.000	1027.300	21070.000	1027.300	21122.000
GR	1026.700	21195.000	1025.700	21292.000	1026.400	21372.000	1026.900	21470.000	1027.200	21555.000
GR	1026.900	21624.000	1025.600	21690.000	1026.500	21732.000	1027.200	21789.000	1026.300	21861.000
GR	1026.300	21910.000	1026.400	21986.000	1026.300	22116.000	1026.400	22258.000	1026.000	22387.000
GR	1026.000	22441.000	1030.800	22465.000	1030.800	22480.000	1030.000	22487.000	1031.600	22504.000
GR	1033.100	22569.000	1033.500	22605.000	1035.600	22673.000	1036.000	22737.000	1036.000	22858.000
ET	0.000	4.100	9.100	0.000	20750.000	0.000	0.000	0.000	19200.000	20900.000
X1	9.867	90.000	19242.000	20870.000	410.000	430.000	430.000	0.000	0.000	0.000
GR	1035.100	17274.000	1035.100	17346.000	1034.400	17480.000	1034.000	17610.000	1033.900	17756.000
GR	1033.600	17891.000	1033.600	17953.000	1033.900	18103.000	1034.300	18265.000	1034.300	18282.000
GR	1035.100	18361.000	1035.100	18407.000	1034.700	18514.000	1034.500	18634.000	1033.700	18729.000
GR	1035.900	18744.000	1033.700	18748.000	1032.900	18806.000	1032.300	18863.000	1032.400	18922.000
GR	1027.500	18981.000	1030.400	18991.000	1030.400	19031.000	1022.300	19049.000	1024.100	19078.000
GR	1023.100	19127.000	1024.100	19156.000	1025.900	19210.000	1026.000	19242.000	1022.100	19285.000
GR	1021.500	19300.000	1020.900	19340.000	1021.300	19385.000	1021.600	19501.000	1022.800	19596.000
GR	1022.300	19633.000	1020.500	19671.000	1022.500	19747.000	1024.400	19809.000	1024.100	19874.000
GR	1023.200	19998.000	1023.300	20000.000	1018.800	20056.000	1012.900	20141.000	1011.100	20184.000
GR	1011.900	20272.000	1012.700	20347.000	1012.300	20432.000	1013.200	20512.000	1015.900	20570.000
GR	1030.800	20630.000	1032.500	20680.000	1036.100	20717.000	1036.900	20800.000	1039.600	20870.000
GR	1039.300	20936.000	1029.300	20948.000	1029.300	20960.000	1032.000	20991.000	1031.300	21078.000
GR	1030.500	21164.000	1031.700	21449.000	1027.600	21698.000	1026.000	21800.000	1026.700	21817.000
GR	1029.100	21878.000	1032.900	21998.000	1032.800	22165.000	1032.400	22233.000	1029.600	22261.000
GR	1030.800	22343.000	1031.100	22370.000	1031.100	22380.000	1027.300	22397.000	1028.100	22463.000
GR	1027.700	22582.000	1031.900	22598.000	1031.900	22615.000	1029.600	22618.000	1029.600	22620.000
GR	1029.600	22630.000	1034.000	22652.000	1034.500	22721.000	1035.300	22787.000	1035.600	22800.000
GR	1036.200	22869.000	1036.400	23002.000	1037.100	23133.000	1037.100	23160.000	1035.400	23188.000

NC	0.000	0.000	0.000	0.300	0.500	0.000	0.000	0.000	0.000	0.000
QT	2.000	195000.000	195000.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
ET	0.000	4.100	9.100	0.000	21000.000	0.000	0.000	0.000	19090.000	20630.000
X1	9.996	90.000	19092.000	20662.000	650.000	700.000	680.000	0.000	0.000	0.000
GR	1038.400	17326.000	1038.100	17362.000	1036.100	17392.000	1036.100	17483.000	1035.700	17564.000
GR	1035.600	17730.000	1035.700	17771.000	1037.200	17790.000	1037.200	17868.000	1035.500	17874.000
GR	1034.900	17914.000	1035.200	18020.000	1035.600	18191.000	1035.500	18303.000	1035.100	18441.000
GR	1035.600	18503.000	1038.800	18647.000	1036.100	18658.000	1037.600	18701.000	1037.900	18744.000
GR	1037.700	18800.000	1036.900	18848.000	1036.100	18885.000	1036.100	18930.000	1034.100	18992.000
GR	1028.700	19029.000	1028.700	19059.000	1028.000	19092.000	1023.900	19104.000	1023.200	19138.000
GR	1023.600	19165.000	1025.600	19199.000	1025.600	19200.000	1024.800	19256.000	1024.800	19334.000
GR	1025.200	19392.000	1024.800	19441.000	1022.000	19465.000	1020.800	19479.000	1021.200	19524.000
GR	1017.600	19563.000	1019.200	19616.000	1022.100	19697.000	1023.300	19754.000	1024.800	19830.000
GR	1024.900	19865.000	1027.900	19905.000	1026.400	19964.000	1022.800	20008.000	1023.600	20047.000
GR	1022.000	20102.000	1010.800	20133.000	1011.700	20179.000	1009.700	20221.000	1007.700	20233.000
GR	1008.900	20329.000	1010.300	20330.000	1010.900	20388.000	1013.200	20458.000	1020.900	20537.000
GR	1023.600	20576.000	1026.500	20622.000	1030.300	20662.000	1032.900	20717.000	1033.200	20753.000
GR	1039.200	20782.000	1032.000	20809.000	1031.900	20862.000	1032.100	20929.000	1033.200	21000.000
GR	1033.100	21110.000	1032.700	21261.000	1032.000	21412.000	1032.800	21547.000	1031.900	21624.000
GR	1032.800	21690.000	1030.700	21715.000	1030.900	21749.000	1031.300	21801.000	1033.900	21801.000
GR	1031.900	21813.000	1032.100	21853.000	1032.000	21968.000	1031.300	22071.000	1031.300	22204.000
GR	1031.200	22342.000	1031.100	22472.000	1031.200	22603.000	1031.500	22711.000	1032.400	22723.000
ET	0.000	4.100	9.100	0.000	3800.000	0.000	0.000	0.000	1381.000	3800.000
GR POINTS FROM DESIGN PLANS										
X1	10.055	44.000	1350.000	3813.000	240.000	260.000	310.000	0.000	0.000	0.000
X3	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1030.000	1030.000	0.000
GR	1035.800	1000.000	1035.000	1350.000	1033.000	1450.000	1030.000	1700.000	1035.000	2000.000
GR	1042.000	2250.000	1044.400	2477.000	1035.000	2478.000	1010.000	2575.000	1010.000	2600.000
GR	1043.000	2600.000	1043.000	2608.000	1010.000	2608.000	1010.000	2725.000	1043.000	2725.000
GR	1043.000	2733.000	1010.000	2733.000	1010.000	2850.000	1043.000	2850.000	1043.000	2858.000
GR	1010.000	2858.000	1010.000	2885.000	1035.000	2982.000	1043.000	2983.000	1037.500	3300.000
GR	1033.000	3500.000	1031.500	3595.000	1031.600	3704.000	1031.500	3745.000	1031.500	3770.000
GR	1031.000	3813.000	1029.800	4021.000	1029.600	4177.000	1030.400	4360.000	1031.200	4420.000
GR	1031.600	4497.000	1031.900	4525.000	1032.200	4718.000	1032.600	4883.000	1033.400	5065.000
GR	1034.000	5180.000	1035.000	5298.000	1036.300	5499.000	1037.500	5622.000	0.000	0.000
ET	0.000	4.100	9.100	1400.000	3800.000	0.000	0.000	0.000	1355.000	3800.000
35 TH AVENUE BRIDGE, GR STATIONS FROM DESIGN PLANS										
X1	10.062	0.000	0.000	0.000	40.000	40.000	40.000	0.000	0.000	0.000
X2	0.000	0.000	0.000	1030.000	1043.000	0.000	0.000	0.000	0.000	0.000
BT	4.000	2476.000	1044.400	0.000	2477.000	1044.400	1037.000	2982.000	1043.000	1036.000
BT	2983.000	1043.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
NC	0.045	0.040	0.033	0.000	0.000	0.000	0.000	0.000	0.000	0.000
ET	0.000	4.100	9.100	18037.000	21355.000	0.000	0.000	0.000	19200.000	21300.000
X1	10.204	74.000	19464.000	20584.000	750.000	850.000	750.000	0.000	0.000	0.000
GR	1038.700	18021.000	1044.200	18045.000	1045.400	18073.000	1036.000	18112.000	1036.200	18226.000
GR	1036.200	18385.000	1037.100	18476.000	1036.300	18558.000	1035.400	18713.000	1035.000	18864.000
GR	1036.000	18987.000	1036.000	19075.000	1037.000	19161.000	1036.200	19266.000	1035.900	19360.000
GR	1035.900	19464.000	1022.300	19512.000	1021.400	19540.000	1019.100	19560.000	1020.400	19619.000
GR	1024.200	19698.000	1025.100	19719.000	1029.400	19739.000	1030.000	19785.000	1030.600	19833.000
GR	1032.000	19848.000	1031.900	19894.000	1032.000	19976.000	1032.400	20000.000	1031.600	20053.000

GR	1018.200	20094.000	1013.800	20186.000	1013.800	20494.000	1026.600	20551.000	1035.100	20584.000
GR	1035.200	20614.000	1035.400	20654.000	1031.100	20706.000	1027.200	20731.000	1020.000	20750.000
GR	1020.000	20862.000	1020.000	21035.000	1020.000	21122.000	1020.000	21161.000	1022.200	21170.000
GR	1023.800	21218.000	1025.800	21231.000	1025.900	21300.000	1037.800	21355.000	1037.800	21390.000
GR	1031.000	21417.000	1030.700	21629.000	1030.800	21700.000	1036.400	21719.000	1031.000	21744.000
GR	1030.300	21903.000	1029.600	22020.000	1030.400	22029.000	1036.800	22061.000	1036.300	22080.000
GR	1031.100	22116.000	1030.400	22232.000	1030.700	22393.000	1036.700	22415.000	1030.400	22450.000
GR	1031.000	22534.000	1031.000	22722.000	1037.900	22760.000	1037.900	22798.000	1033.600	22811.000
GR	1033.600	22818.000	1037.500	22838.000	1049.500	22875.000	1049.500	22904.000	0.000	0.000
NC	0.000	0.000	0.000	0.100	0.300	0.000	0.000	0.000	0.000	0.000
ET	0.000	4.100	9.100	18530.000	0.000	0.000	0.000	0.000	19300.000	21350.000
X1	10.382	50.000	19360.000	20600.000	900.000	1000.000	940.000	0.000	0.000	0.000
GR	1038.200	18334.000	1039.800	18530.000	1039.200	18580.000	1038.600	18701.000	1037.100	18876.000
GR	1034.600	19020.000	1033.600	19097.000	1035.000	19257.000	1037.100	19295.000	1038.400	19360.000
GR	1027.400	19384.000	1028.200	19436.000	1028.400	19471.000	1028.000	19500.000	1029.400	19542.000
GR	1027.200	19614.000	1023.100	19652.000	1023.100	19684.000	1027.500	19719.000	1030.000	19787.000
GR	1027.200	19814.000	1025.200	19923.000	1024.300	19976.000	1023.500	20000.000	1021.200	20049.000
GR	1015.400	20118.000	1014.200	20158.000	1014.800	20275.000	1017.200	20348.000	1018.200	20432.000
GR	1037.000	20600.000	1037.000	20601.000	1037.000	20602.000	1037.000	20603.000	1037.000	20604.000
GR	1027.500	20766.000	1028.300	20796.000	1020.000	20821.000	1020.000	20895.000	1020.000	20998.000
GR	1020.000	21081.000	1031.000	21102.000	1029.200	21128.000	1029.000	21176.000	1030.300	21260.000
GR	1030.200	21299.000	1035.900	21300.000	1035.200	21331.000	1043.100	21358.000	1042.300	21402.000
ET	0.000	0.000	9.100	0.000	0.000	0.000	0.000	0.000	19099.000	21000.000
X1	10.562	55.000	19103.000	21010.000	950.000	950.000	950.000	0.000	0.000	0.000
GR	1040.000	18430.000	1036.700	18498.000	1036.700	18549.000	1036.800	18647.000	1035.200	18759.000
GR	1035.000	18889.000	1035.000	18954.000	1036.300	18981.000	1037.600	19039.000	1037.100	19103.000
GR	1034.000	19151.000	1034.000	19224.000	1027.900	19240.000	1024.300	19294.000	1026.800	19355.000
GR	1029.000	19387.000	1028.600	19458.000	1024.700	19487.000	1030.000	19512.000	1030.000	19584.000
GR	1026.400	19667.000	1025.800	19761.000	1023.200	19936.000	1022.300	19997.000	1021.500	20000.000
GR	1024.000	20017.000	1021.100	20055.000	1021.100	20114.000	1024.400	20123.000	1022.600	20172.000
GR	1018.000	20205.000	1018.200	20226.000	1017.100	20385.000	1017.600	20452.000	1019.400	20482.000
GR	1022.300	20538.000	1024.000	20576.000	1023.600	20619.000	1020.600	20627.000	1020.600	20715.000
GR	1023.600	20753.000	1024.700	20786.000	1024.800	20833.000	1029.100	20852.000	1030.400	20941.000
GR	1031.100	21010.000	1029.400	21052.000	1030.600	21102.000	1026.800	21145.000	1027.100	21185.000
GR	1025.600	21250.000	1025.500	21300.000	1029.400	21347.000	1045.400	21377.000	1044.600	21399.000
ET	0.000	0.000	9.100	0.000	0.000	0.000	0.000	0.000	19000.000	21372.000
X1	10.742	63.000	19024.000	21370.000	950.000	940.000	950.000	0.000	0.000	0.000
GR	1040.200	18568.000	1040.200	18624.000	1047.900	18652.000	1041.100	18713.000	1041.800	18796.000
GR	1040.600	18919.000	1040.700	19024.000	1037.200	19083.000	1033.800	19162.000	1051.100	19191.000
GR	1051.600	19271.000	1042.700	19286.000	1044.700	19364.000	1032.700	19384.000	1021.600	19427.000
GR	1017.800	19477.000	1017.800	19513.000	1016.700	19528.000	1016.700	19581.000	1019.000	19615.000
GR	1015.000	19635.000	1018.600	19664.000	1015.600	19688.000	1016.400	19747.000	1025.800	19772.000
GR	1027.400	19802.000	1026.000	19857.000	1025.100	19881.000	1024.600	19927.000	1034.000	19961.000
GR	1028.200	19987.000	1040.000	20000.000	1033.200	20054.000	1030.400	20105.000	1032.700	20144.000
GR	1033.900	20206.000	1023.000	20244.000	1017.200	20277.000	1019.000	20385.000	1021.200	20433.000
GR	1027.500	20448.000	1024.300	20515.000	1018.800	20533.000	1016.200	20577.000	1025.500	20633.000
GR	1026.400	20721.000	1028.700	20763.000	1031.000	20785.000	1020.800	20817.000	1020.800	20889.000
GR	1023.000	20915.000	1023.600	20950.000	1020.700	20983.000	1021.100	21054.000	1022.400	21144.000
GR	1022.300	21241.000	1022.300	21279.000	1023.000	21300.000	1043.800	21349.000	1041.100	21354.000
GR	1041.100	21370.000	1045.500	21385.000	1044.200	21425.000	0.000	0.000	0.000	0.000

ET	0.000	0.000	9.100	0.000	0.000	0.000	0.000	0.000	19264.000	21407.000
X1	10.890	80.000	19264.000	21407.000	790.000	780.000	780.000	0.000	0.000	0.000
X3	10.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
GR	1044.200	18084.000	1044.600	18316.000	1045.200	18527.000	1045.200	18607.000	1042.400	18800.000
GR	1043.100	18961.000	1040.600	18979.000	1052.700	19024.000	1053.200	19050.000	1048.600	19080.000
GR	1048.600	19091.000	1053.200	19099.000	1048.300	19108.000	1051.800	19229.000	1053.400	19264.000
GR	1023.000	19312.000	1018.800	19343.000	1019.800	19388.000	1024.300	19440.000	1013.400	19477.000
GR	1013.400	19503.000	1024.200	19546.000	1020.600	19565.000	1021.500	19665.000	1029.100	19696.000
GR	1029.100	19715.000	1033.400	19739.000	1030.000	19766.000	1030.000	19800.000	1021.200	19827.000
GR	1021.200	19880.000	1029.200	19909.000	1029.500	20001.000	1029.500	20022.000	1034.600	20044.000
GR	1026.000	20064.000	1020.300	20083.000	1020.300	20135.000	1023.500	20161.000	1023.800	20252.000
GR	1023.900	20322.000	1029.600	20344.000	1020.000	20355.000	1020.000	20418.000	1033.400	20469.000
GR	1028.400	20480.000	1026.400	20585.000	1026.400	20752.000	1031.500	20789.000	1031.500	20815.000
GR	1021.000	20826.000	1021.000	21253.000	1041.100	21293.000	1040.000	21300.000	1043.400	21343.000
GR	1042.400	21377.000	1046.300	21407.000	1045.000	21449.000	1043.200	21557.000	1041.200	21827.000
GR	1041.000	22095.000	1040.800	22346.000	1041.900	22534.000	1042.600	22647.000	1043.200	22720.000
GR	1042.300	22798.000	1044.300	22827.000	1043.200	22857.000	1037.800	22862.000	1037.800	22901.000
GR	1038.700	22905.000	1036.300	22951.000	1037.100	23052.000	1048.700	23137.000	1056.200	23211.000
GR	1057.000	23237.000	1058.900	23459.000	1056.400	23665.000	1055.900	23824.000	1056.200	23927.000
NC	0.045	0.045	0.033	0.000	0.000	0.000	0.000	0.000	0.000	0.000
ET	0.000	0.000	9.100	0.000	0.000	0.000	0.000	0.000	19273.000	21420.000

27 TH AVENUE EXTENSION,APPROXIMATE CONFL. OF CAVE CREEK

X1	11.036	85.000	19273.000	21420.000	780.000	770.000	770.000	0.000	0.000	0.000
X3	10.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
GR	1047.400	18617.000	1047.000	18700.000	1045.900	18838.000	1045.800	18979.000	1045.500	19161.000
GR	1044.700	19273.000	1021.000	19370.000	1024.600	19448.000	1029.400	19547.000	1032.700	19715.000
GR	1033.000	19818.000	1031.800	19841.000	1038.800	19854.000	1027.500	19883.000	1027.800	19912.000
GR	1032.700	19929.000	1030.300	19934.000	1032.700	19986.000	1033.100	20000.000	1033.100	20032.000
GR	1017.800	20069.000	1015.800	20138.000	1015.800	20213.000	1015.800	20258.000	1020.000	20275.000
GR	1019.000	20329.000	1014.000	20382.000	1014.000	20444.000	1024.800	20481.000	1026.700	20576.000
GR	1035.900	20619.000	1024.200	20702.000	1024.200	20723.000	1027.400	20789.000	1029.000	20885.000
GR	1028.600	20917.000	1025.100	20951.000	1029.900	20996.000	1023.200	21007.000	1023.200	21043.000
GR	1028.600	21099.000	1027.800	21141.000	1031.200	21194.000	1036.200	21222.000	1043.000	21271.000
GR	1042.400	21292.000	1042.700	21300.000	1044.800	21370.000	1047.400	21420.000	1025.900	21493.000
GR	1019.000	21553.000	1023.900	21632.000	1028.400	21693.000	1031.400	21755.000	1037.500	21824.000
GR	1041.000	21878.000	1047.100	21931.000	1049.100	21990.000	1047.600	22068.000	1051.200	22146.000
GR	1051.400	22294.000	1048.200	22412.000	1045.200	22508.000	1046.300	22595.000	1043.800	22639.000
GR	1044.400	22704.000	1039.900	22717.000	1039.900	22738.000	1042.200	22757.000	1042.200	22822.000
GR	1045.600	22835.000	1042.200	22858.000	1041.900	22973.000	1042.300	23100.000	1042.300	23221.000
GR	1043.500	23394.000	1043.100	23577.000	1043.200	23769.000	1046.800	23893.000	1047.600	24097.000
GR	1047.100	24202.000	1047.800	24263.000	1047.900	24397.000	1047.900	24610.000	1047.800	24874.000
EJ	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000

```
   SECNO     DEPTH     CWSEL     CRIWS     WSELK     EG        HV        HL        OLOSS   BANK ELEV
   Q         QLOB      QCH       QROB      ALOB      ACH       AROB      VOL       TWA   LEFT/RIGHT
   TIME      VLOB      VCH       VROB      XNL       XNCH      XNR       WTN       ELMIN       SSTA
   SLOPE     XLOBL     XLCH      XLOBR     ITRIAL    IDC       ICONT     CORAR     TOPWID      ENDST


*PROF 1

CCHV=   0.100 CEHV=   0.300
*SECNO 6.035

3265 DIVIDED FLOW


3470 ENCROACHMENT STATIONS=   17578.0   24700.0  TYPE=     1  TARGET=  -17578.000
          67  TH AVENUE EXTENSION
     6.04     15.12    993.92      0.00      0.00    995.07      1.15      0.00      0.00    999.10
  190000.     8460.   181167.      374.     1989.    20625.      251.        0.        0.    992.00
     0.00      4.25      8.78      1.49     0.045     0.033     0.045     0.000    978.80 17893.92
 0.001923      880.      210.      940.         0         0         0      0.00   3191.70 21295.10


FLOW DISTRIBUTION FOR SECNO=      6.04          CWSEL=    993.92

STA=   17894.   18369.   18512.   18584.   20989.   21199.   21295.
  PER Q=     0.4      2.9      1.1     95.4      0.2      0.0
   AREA=   524.0   1018.2    447.0 20625.0    235.2     15.4
    VEL=     1.6      5.3      4.8      8.8      1.6      0.4

*SECNO 6.113

3470 ENCROACHMENT STATIONS=   17594.0   24600.0  TYPE=     1  TARGET=  -17594.000
     6.11     16.00    994.90      0.00      0.00    995.70      0.81      0.59      0.03    993.10
  190000.     1935.   186655.     1410.     1139.    25696.      978.      243.       34.    991.90
     0.02      1.70      7.26      1.44     0.045     0.033     0.045     0.000    978.90 17871.68
 0.001111      580.      410.      330.         2         0         0      0.00   3676.52 21548.20


FLOW DISTRIBUTION FOR SECNO=      6.11          CWSEL=    994.90

STA=   17872.   18006.   18393.   18485.   20896.   21548.
  PER Q=     0.1      0.8      0.1     98.2      0.7
   AREA=   161.1    812.2    165.5 25695.9    977.8
    VEL=     1.2      1.8      1.6      7.3      1.4

*SECNO 6.247

3265 DIVIDED FLOW
```

```
   SECNO     DEPTH     CWSEL     CRIWS     WSELK     EG        HV        HL        OLOSS    BANK ELEV
   Q         QLOB      QCH       QROB      ALOB      ACH       AROB      VOL       TWA    LEFT/RIGHT
   TIME      VLOB      VCH       VROB      XNL       XNCH      XNR       WTN       ELMIN       SSTA
   SLOPE     XLOBL     XLCH      XLOBR     ITRIAL    IDC       ICONT     CORAR     TOPWID      ENDST


3470 ENCROACHMENT STATIONS=   17381.0   24400.0  TYPE=     1  TARGET=  -17381.000
     6.25     16.60   995.80     0.00      0.00   996.79     0.99      1.03      0.05   997.10
  190000.        0.  189115.     885.        0.   23658.     465.      665.       90.   993.20
     0.04      0.00     7.99     1.90     0.000    0.033    0.045     0.000   979.20 17990.84
 0.001983      850.     710.     520.         2        0        0      0.00  3372.31 21610.65

FLOW DISTRIBUTION FOR SECNO=      6.25          CWSEL=    995.80

STA=   17991.   21204.   21405.   21611.
  PER Q=      99.5      0.4      0.1
   AREA=  23657.8    362.3    103.1
    VEL=       8.0      2.2      0.9

*SECNO 6.378

3495 OVERBANK AREA ASSUMED NON-EFFECTIVE,ELLEA=      998.80 ELREA=     1003.50

     6.38     16.10   997.30     0.00      0.00   997.98     0.68      1.16      0.03   998.80
  190000.        0.  190000.       0.        0.   28637.       0.     1083.      147.  1003.50
     0.07      0.00     6.63     0.00     0.000    0.033    0.000     0.000   981.20 17825.98
 0.001451      820.     690.     730.         2        0        0      0.00  3761.30 21587.28

FLOW DISTRIBUTION FOR SECNO=      6.38          CWSEL=    997.30

STA=   17826.   21628.
  PER Q=     100.0
   AREA=  28637.5
    VEL=       6.6

*SECNO 6.550

3265 DIVIDED FLOW

3470 ENCROACHMENT STATIONS=   17650.0   21135.0  TYPE=     1  TARGET=    3485.000

3495 OVERBANK AREA ASSUMED NON-EFFECTIVE,ELLEA=      995.20 ELREA=   100000.00

     6.55     13.06   998.66     0.00      0.00   999.57     0.91      1.52      0.07   995.20
  190000.      199.  189801.       0.       66.   24839.       0.     1643.      221. 100000.00
     0.10      2.99     7.64     0.00     0.045    0.033    0.000     0.000   985.60 17650.00
 0.001940      770.     910.     780.         2        0        0      0.00  3299.42 21117.26
```

```
   SECNO     DEPTH     CWSEL     CRIWS     WSELK     EG        HV        HL        OLOSS    BANK ELEV
   Q         QLOB      QCH       QROB      ALOB      ACH       AROB      VOL       TWA    LEFT/RIGHT
   TIME      VLOB      VCH       VROB      XNL       XNCH      XNR       WTN       ELMIN       SSTA
   SLOPE     XLOBL     XLCH      XLOBR     ITRIAL    IDC       ICONT     CORAR     TOPWID      ENDST

FLOW DISTRIBUTION FOR SECNO=      6.55          CWSEL=    998.66

STA=   17650.   17669.   21135.
  PER Q=      0.1      99.9
   AREA=     66.4  24839.1
    VEL=      3.0       7.6

*SECNO 6.727

3470 ENCROACHMENT STATIONS=   16589.0   23600.0  TYPE=     1  TARGET=  -16589.000
     6.73     13.69  1000.49      0.00      0.00   1001.24      0.74      1.65      0.02    999.70
  190000.     9353.  180608.       39.     2771.     25589.       23.     2214.       300.    997.60
     0.14      3.38      7.06      1.68     0.045     0.033     0.045     0.000    986.80 16865.68
 0.001612      925.      935.      915.         2         0         0      0.00   4102.22 20967.90

FLOW DISTRIBUTION FOR SECNO=      6.73          CWSEL=   1000.49

STA=   16866.   16917.   17096.   17210.   17253.   17370.   17639.   20952.   20968.
  PER Q=      0.1       0.7       1.6       0.8       0.8       0.9      95.1       0.0
   AREA=    102.4     517.5     683.0     298.5     472.8     697.0   25588.7      23.0
    VEL=      2.1       2.7       4.4       4.8       3.4       2.5       7.1       1.7

*SECNO 6.863
          59  TH AVENUE EXTENSION
     6.86     14.67  1001.57      0.00      0.00   1002.23      0.66      0.99      0.01    998.80
  190000.     8702.  181046.      252.     3159.     27222.      137.     2705.      370.    997.70
     0.17      2.75      6.65      1.84     0.045     0.033     0.045     0.000    986.90 16778.73
 0.001185      815.      715.      760.         2         0         0      0.00   4163.83 20942.56

FLOW DISTRIBUTION FOR SECNO=      6.86          CWSEL=   1001.57

STA=   16779.   17005.   17125.   17308.   17353.   17405.   17599.   17806.   20862.   20925.   20943.
  PER Q=      0.3       0.7       1.5       0.6       0.6       0.5       0.3      95.3       0.1       0.0
   AREA=    366.4     464.8     891.8     298.0     310.6     460.4     367.1  27222.3     133.8       3.3
    VEL=      1.6       2.8       3.3       4.0       3.7       2.0       1.7       6.7       1.9       0.4

*SECNO 7.031
     7.03     15.87  1002.77      0.00      0.00   1003.74      0.97      1.41      0.09   1002.40
  190000.     5186.  183923.      891.     2099.     22894.      425.     3277.      460.   1001.00
     0.20      2.47      8.03      2.10     0.045     0.033     0.045     0.000    986.90 16575.48
 0.002230      920.      890.      800.         2         0         0      0.00   4579.52 21155.00
```

```
   SECNO     DEPTH     CWSEL     CRIWS     WSELK     EG        HV        HL        OLOSS   BANK ELEV
   Q         QLOB      QCH       QROB      ALOB      ACH       AROB      VOL       TWA   LEFT/RIGHT
   TIME      VLOB      VCH       VROB      XNL       XNCH      XNR       WTN       ELMIN       SSTA
   SLOPE     XLOBL     XLCH      XLOBR     ITRIAL    IDC       ICONT     CORAR     TOPWID      ENDST


FLOW DISTRIBUTION FOR SECNO=      7.03          CWSEL=   1002.77

STA=   16575.   17221.   17542.   17635.   17686.   17737.   17767.   20880.   21071.   21155.
  PER Q=     0.8      0.7      0.4      0.3      0.4      0.1     96.8      0.4      0.1
   AREA=   828.4    567.1    252.6    176.8    192.1     81.5  22894.0    318.3    106.4
    VEL=     1.8      2.3      3.0      3.6      3.8      3.0      8.0      2.2      1.8

*SECNO 7.207

3265 DIVIDED FLOW

     7.21    15.89  1004.49     0.00     0.00  1005.30     0.81     1.55     0.02  1001.70
  190000.    2525.  187475.       0.    1564.   25807.       0.    3841.     552.  1004.00
     0.24     1.61     7.26     0.00    0.045    0.033    0.000    0.000   988.60 16576.99
 0.001288     940.     930.     880.        2        0        0     0.00  4050.31 21187.00

FLOW DISTRIBUTION FOR SECNO=      7.21          CWSEL=   1004.49

STA=   16577.   18185.   21187.
  PER Q=     1.3     98.7
   AREA=  1563.9  25807.3
    VEL=     1.6      7.3

*SECNO 7.353

3265 DIVIDED FLOW

     7.35    14.76  1005.56     0.00     0.00  1006.69     1.14     1.29     0.10  1007.40
  190000.    1444.  186511.    2044.     864.   21625.     734.    4289.     622.  1004.60
     0.26     1.67     8.62     2.79    0.045    0.033    0.045    0.000   990.80 16671.01
 0.002268     820.     770.     700.        2        0        0     0.00  3813.38 21367.25

FLOW DISTRIBUTION FOR SECNO=      7.35          CWSEL=   1005.56

STA=   16671.   17157.   17300.   17422.   18280.   18302.   21045.   21081.   21158.   21242.   21342.   21367.
  PER Q=     0.4      0.2      0.1      0.0      0.0     98.2      0.1      0.4      0.3      0.3      0.0
   AREA=   505.9    208.3    100.9     32.8     15.8  21625.0     63.2    235.4    189.6    205.7     39.9
    VEL=     1.6      2.0      1.4      1.3      1.3      8.6      2.3      3.3      2.7      2.5      2.1

*SECNO 7.501
```

```
   SECNO     DEPTH     CWSEL     CRIWS     WSELK     EG        HV        HL        OLOSS   BANK ELEV
   Q         QLOB      QCH       QROB      ALOB      ACH       AROB      VOL       TWA   LEFT/RIGHT
   TIME      VLOB      VCH       VROB      XNL       XNCH      XNR       WTN       ELMIN       SSTA
   SLOPE     XLOBL     XLCH      XLOBR     ITRIAL    IDC       ICONT     CORAR     TOPWID      ENDST


3265 DIVIDED FLOW

      7.50     16.26   1007.26      0.00      0.00   1008.33      1.06      1.63      0.01   1006.60
  190000.       706.   188660.      634.      645.    22723.      305.     4706.      689.   1003.30
      0.29      1.09      8.30      2.07     0.045     0.033     0.045     0.000    991.00  16691.80
 0.001933      560.      780.      830.         3         0         0      0.00   4172.82  21315.34

FLOW DISTRIBUTION FOR SECNO=      7.50          CWSEL=   1007.26

STA=   16692.   16718.   17100.   17911.   18362.   21092.   21123.   21302.
  PER Q=     0.0      0.3      0.1      0.0     99.3      0.2      0.2
   AREA=    17.9    368.3    228.7     30.4  22722.7     96.5    208.4
    VEL=     1.1      1.4      0.6      0.7      8.3      3.1      1.6

*SECNO 7.653

3265 DIVIDED FLOW

3470 ENCROACHMENT STATIONS=   16800.0   27800.0  TYPE=     1  TARGET=  =16800.000
      7.65     14.68   1008.78      0.00      0.00   1009.94      1.15      1.58      0.03   1004.40
  190000.      6014.   183879.      107.     2237.    21021.        94.     5136.      761.   1007.40
      0.32      2.69      8.75      1.14     0.045     0.033     0.045     0.000    994.10  16831.47
 0.002010       690.      805.      840.         2         0         0      0.00   4078.34  21012.22

FLOW DISTRIBUTION FOR SECNO=      7.65          CWSEL=   1008.78

STA=   16831.   16900.   17875.   18324.   18466.   20794.   20885.   21012.
  PER Q=     0.0      0.5      1.2      1.5     96.8      0.1      0.0
   AREA=    45.3    715.5    803.9    672.2  21021.3     75.9     18.1
    VEL=     1.1      1.2      2.9      4.2      8.7      1.3      0.4

*SECNO 7.839

3265 DIVIDED FLOW

3301 HV CHANGED MORE THAN HVINS

      7.84     16.38   1010.78      0.00      0.00   1011.41      0.63      1.42      0.05   1016.30
  190000.     52257.   137743.        0.     11118.    20035.        0.     5742.      853.   1012.00
      0.36      4.70      6.88      0.00     0.045     0.033     0.000     0.000    994.40  16623.80
 0.001105       930.      980.     1010.         2         0         0      0.00   4215.36  20899.15
```

```
   SECNO     DEPTH     CWSEL     CRIWS     WSELK     EG        HV        HL        OLOSS    BANK ELEV
   Q         QLOB      QCH       QROB      ALOB      ACH       AROB      VOL       TWA    LEFT/RIGHT
   TIME      VLOB      VCH       VROB      XNL       XNCH      XNR       WTN       ELMIN       SSTA
   SLOPE     XLOBL     XLCH      XLOBR     ITRIAL    IDC       ICONT     CORAR     TOPWID      ENDST

FLOW DISTRIBUTION FOR SECNO=      7.84          CWSEL=   1010.78

STA=   16624.   18080.   18188.   18568.   18744.   18814.   20965.
  PER Q=      5.5      5.2      7.6      8.4      0.8     72.5
   AREA=   3628.8   1526.1   3086.9   2493.5    382.5  20035.1
    VEL=      2.9      6.4      4.7      6.4      4.1      6.9

*SECNO 7.943

3265 DIVIDED FLOW

3301 HV CHANGED MORE THAN HVINS

3495 OVERBANK AREA ASSUMED NON-EFFECTIVE,ELLEA=     1012.90 ELREA=     1014.20

     7.94    13.63  1010.83     0.00     0.00  1012.76     1.93     0.96     0.39  1012.90
   190000.       0.  190000.       0.       0.   17057.       0.    6033.     889.  1014.20
     0.37     0.00    11.14     0.00    0.000    0.033    0.000    0.000   997.20 19023.36
 0.003398     450.     550.     590.        3        0        0     0.00  1943.21 21007.76

FLOW DISTRIBUTION FOR SECNO=      7.94          CWSEL=   1010.83

STA=   19023.   21125.
  PER Q=    100.0
   AREA=  17056.6
    VEL=     11.1

CCHV=   0.300 CEHV=   0.500
*SECNO 8.022

3265 DIVIDED FLOW

3301 HV CHANGED MORE THAN HVINS

     8.02    16.16  1012.86     0.00     0.00  1013.75     0.89     0.68     0.31  1009.90
   190000.   14101.  175667.     232.    3362.   22530.     138.    6240.     909.  1012.30
     0.39     4.19     7.80     1.68    0.045    0.033    0.045    0.000   996.70 18855.22
 0.000959     440.     415.     465.        3        0        0     0.00  2287.63 21160.00
```

```
   SECNO     DEPTH     CWSEL     CRIWS     WSELK     EG        HV        HL        OLOSS   BANK ELEV
   Q         QLOB      QCH       QROB      ALOB      ACH       AROB      VOL       TWA   LEFT/RIGHT
   TIME      VLOB      VCH       VROB      XNL       XNCH      XNR       WTN       ELMIN       SSTA
   SLOPE     XLOBL     XLCH      XLOBR     ITRIAL    IDC       ICONT     CORAR     TOPWID      ENDST

FLOW DISTRIBUTION FOR SECNO=      8.02          CWSEL=   1012.86

STA=   18855.   19112.   19264.   19367.   21069.   21160.
 PER Q=      3.6      3.6      0.2     92.5      0.1
  AREA=   1704.6   1464.3    193.5  22530.1    138.3
   VEL=      4.0      4.7      1.8      7.8      1.7

*SECNO 8.041

3495 OVERBANK AREA ASSUMED NON-EFFECTIVE,ELLEA=     1018.70 ELREA=     1019.30

     8.04    15.41  1012.91     0.00     0.00  1013.88     0.97     0.09     0.04  1018.70
 190000.       0.  190000.       0.       0.   24027.       0.    6297.     914.   1019.30
     0.39     0.00     7.91     0.00    0.000    0.033    0.000    0.000   997.50 19429.65
 0.000834     100.     100.     100.        2        0        0     0.00  1595.11 21024.76

FLOW DISTRIBUTION FOR SECNO=      8.04          CWSEL=   1012.91

STA=   19430.   21045.
 PER Q=    100.0
  AREA=  24026.7
   VEL=      7.9

SPECIAL BRIDGE

SB  XK        XKOR      COFQ      RDLEN     BWC       BWP       BAREA     SS        ELCHU     ELCHD
     1.05      1.60      2.50      0.00   1550.00    120.00  30030.00      0.60    996.00    995.80

*SECNO 8.051
6840,FLOW IS BY WEIR AND LOW FLOW

3265 DIVIDED FLOW

3420 BRIDGE W.S.=   1013.05 BRIDGE VELOCITY=,      7.32      CALCULATED CHANNEL AREA=,     24549.

 EGPRS     EGLWC     H3        QWEIR     QLOW      BAREA     TRAPEZOID      ELLC      ELTRD
                                                             AREA
  1017.00  1013.88     0.14     9951.   180721.    30030.    30295.     1017.00   1012.20


          51  ST AVENUE BRIDGE
     8.05    15.51  1013.01     0.00     0.00  1013.88     0.87     0.00     0.00  1018.70
 190000.     6227.  183773.       0.     3767.   24199.       0.    6329.     917.   1019.30
     0.39     1.65     7.59     0.00    0.045    0.033    0.000    0.000   997.50 16888.06
 0.000762      53.      53.      53.        2        0        0     0.00  3723.44 21025.10
```

```
   SECNO     DEPTH     CWSEL     CRIWS     WSELK     EG        HV        HL        OLOSS   BANK ELEV
   Q         QLOB      QCH       QROB      ALOB      ACH       AROB      VOL       TWA   LEFT/RIGHT
   TIME      VLOB      VCH       VROB      XNL       XNCH      XNR       WTN       ELMIN       SSTA
   SLOPE     XLOBL     XLCH      XLOBR     ITRIAL    IDC       ICONT     CORAR     TOPWID      ENDST

FLOW DISTRIBUTION FOR SECNO=      8.05          CWSEL=   1013.01

STA=   16888.   18938.   19047.   21045.
  PER Q=      3.2      0.0     96.7
   AREA=   3668.6     98.7  24198.8
    VEL=      1.7      0.9      7.6

*SECNO 8.070

3265 DIVIDED FLOW

     8.07    15.90  1013.00     0.00     0.00  1014.09     1.09     0.10     0.11  1011.70
  190000.    3364.  186151.     485.    2298.   21957.     262.    6389.     926.   1011.10
     0.40     1.46     8.48     1.85    0.045    0.033    0.045    0.000   997.10 17022.77
 0.001376     100.     100.     100.        2        0        0     0.00  4330.37 22640.10

FLOW DISTRIBUTION FOR SECNO=      8.07          CWSEL=   1013.00

STA=   17023.   19221.   21141.   22640.
  PER Q=      1.8     98.0      0.3
   AREA=   2297.8  21957.2    261.9
    VEL=      1.5      8.5      1.9

CCHV=   0.100 CEHV=   0.300
*SECNO 8.155

3265 DIVIDED FLOW

3495 OVERBANK AREA ASSUMED NON-EFFECTIVE,ELLEA=     1012.80 ELREA=     1018.80

     8.15    14.06  1013.56     0.00     0.00  1015.09     1.52     0.87     0.13  1012.80
  190000.    1181.  188819.       0.      695.   19009.       0.    6617.     964.   1018.80
     0.41     1.70     9.93     0.00    0.045    0.033    0.000    0.000   999.50 17070.29
 0.002906     430.     450.     390.        2        0        0     0.00  3207.49 21390.71

FLOW DISTRIBUTION FOR SECNO=      8.15          CWSEL=   1013.56

STA=   17070.   17179.   17317.   17440.   17509.   18795.   18998.   19098.   21433.
  PER Q=      0.0      0.1      0.1      0.0      0.0      0.3      0.1     99.4
   AREA=     33.4     91.8     94.1     52.8     49.9    271.0    101.5  19008.5
    VEL=      0.8      1.4      1.5      1.5      0.8      2.2      1.8      9.9
```

```
   SECNO     DEPTH     CWSEL     CRIWS     WSELK     EG        HV        HL        OLOSS    BANK ELEV
   Q         QLOB      QCH       QROB      ALOB      ACH       AROB      VOL       TWA    LEFT/RIGHT
   TIME      VLOB      VCH       VROB      XNL       XNCH      XNR       WTN       ELMIN       SSTA
   SLOPE     XLOBL     XLCH      XLOBR     ITRIAL    IDC       ICONT     CORAR     TOPWID      ENDST

*SECNO 8.320

3265 DIVIDED FLOW

3301 HV CHANGED MORE THAN HVINS

3495 OVERBANK AREA ASSUMED NON-EFFECTIVE,ELLEA=     1014.30 ELREA=     1020.10

      8.32     17.67  1016.07      0.00      0.00  1017.08      1.01      1.94      0.05  1014.30
    190000.    3856.  186144.        0.     2192.   22820.        0.     7059.     1038.   1020.10
      0.44      1.76      8.16      0.00     0.045     0.033     0.000     0.000    998.40 17339.22
  0.001773      750.      870.      950.         2         0         0      0.00   4517.85 21877.36

FLOW DISTRIBUTION FOR SECNO=      8.32          CWSEL=   1016.07

STA=   17339.   19306.   22028.
  PER Q=       2.0      98.0
   AREA=    2191.7   22819.7
    VEL=       1.8       8.2

*SECNO 8.456

3265 DIVIDED FLOW

3495 OVERBANK AREA ASSUMED NON-EFFECTIVE,ELLEA=     1015.90 ELREA=     1022.30

      8.46     17.84  1017.44      0.00      0.00  1018.18      0.74      1.07      0.03  1015.90
    190000.     660.  189340.        0.      634.   27439.        0.     7500.     1111.   1022.30
      0.47      1.04      6.90      0.00     0.045     0.033     0.000     0.000    999.60 17427.76
  0.001270      770.      720.      650.         2         0         0      0.00   4164.90 22145.86

FLOW DISTRIBUTION FOR SECNO=      8.46          CWSEL=   1017.44

STA=   17428.   19077.   22225.
  PER Q=       0.3      99.7
   AREA=     633.5   27438.9
    VEL=       1.0       6.9
```

```
   SECNO     DEPTH     CWSEL     CRIWS     WSELK     EG        HV        HL        OLOSS   BANK ELEV
   Q         QLOB      QCH       QROB      ALOB      ACH       AROB      VOL       TWA   LEFT/RIGHT
   TIME      VLOB      VCH       VROB      XNL       XNCH      XNR       WTN       ELMIN       SSTA
   SLOPE     XLOBL     XLCH      XLOBR     ITRIAL    IDC       ICONT     CORAR     TOPWID      ENDST


*SECNO 8.609

3495 OVERBANK AREA ASSUMED NON-EFFECTIVE,ELLEA=     1018.80 ELREA=     1026.80

      8.61     17.24  1018.54      0.00      0.00  1019.45      0.91      1.22      0.05  1018.80
  190000.        0.  190000.        0.        0.   24756.        0.     7991.     1178.   1026.80
      0.50      0.00      7.67      0.00     0.000     0.033     0.000     0.000  1001.30 18952.81
  0.001801      810.      810.      800.         2         0         0      0.00  3069.02 22021.83


FLOW DISTRIBUTION FOR SECNO=      8.61          CWSEL=   1018.54

STA=   18953.   22189.
  PER Q=    100.0
   AREA=  24756.1
    VEL=      7.7

*SECNO 8.719

3495 OVERBANK AREA ASSUMED NON-EFFECTIVE,ELLEA=     1020.30 ELREA=     1017.90

      8.72     15.60  1019.60      0.00      0.00  1020.33      0.73      0.86      0.02  1020.30
  190000.        0.  187166.     2834.        0.   27075.     1254.     8343.     1222.   1017.90
      0.52      0.00      6.91      2.26     0.000     0.033     0.045     0.000  1004.00 18526.37
  0.001244      600.      580.      510.         2         0         0      0.00  3601.12 22127.48


FLOW DISTRIBUTION FOR SECNO=      8.72          CWSEL=   1019.60

STA=   18526.   21504.   22127.
  PER Q=     98.5      1.5
   AREA=  27075.3   1253.6
    VEL=      6.9      2.3

*SECNO 8.852

3301 HV CHANGED MORE THAN HVINS


3495 OVERBANK AREA ASSUMED NON-EFFECTIVE,ELLEA=     1024.50 ELREA=     1022.90

      8.85     12.66  1020.36      0.00      0.00  1021.63      1.27      1.14      0.16  1024.50
  190000.        0.  190000.        0.        0.   21037.        0.     8739.     1270.   1022.90
      0.54      0.00      9.03      0.00     0.000     0.033     0.000     0.000  1007.70 18544.12
  0.002212      750.      700.      630.         2         0         0      0.00  2384.54 20928.66
```

```
   SECNO     DEPTH     CWSEL     CRIWS     WSELK     EG        HV        HL        OLOSS   BANK ELEV
   Q         QLOB      QCH       QROB      ALOB      ACH       AROB      VOL       TWA   LEFT/RIGHT
   TIME      VLOB      VCH       VROB      XNL       XNCH      XNR       WTN       ELMIN       SSTA
   SLOPE     XLOBL     XLCH      XLOBR     ITRIAL    IDC       ICONT     CORAR     TOPWID      ENDST


FLOW DISTRIBUTION FOR SECNO=      8.85          CWSEL=   1020.36

STA=   18544.   20998.
  PER Q=    100.0
   AREA=  21037.4
    VEL=      9.0

*SECNO 8.983

3495 OVERBANK AREA ASSUMED NON-EFFECTIVE,ELLEA=     1023.60 ELREA=     1022.10

     8.98     14.69  1021.89      0.00      0.00  1023.36      1.47      1.68      0.06  1023.60
  190000.        0.  190000.        0.        0.   19538.        0.     9060.     1307.   1022.10
     0.56      0.00      9.72      0.00     0.000     0.033     0.000     0.000   1007.20 18411.93
 0.002677      670.      690.      730.         2         0         0      0.00   2286.04 20697.97

FLOW DISTRIBUTION FOR SECNO=      8.98          CWSEL=   1021.89

STA=   18412.   20743.
  PER Q=    100.0
   AREA=  19538.1
    VEL=      9.7

*SECNO 9.098

3265 DIVIDED FLOW

3301 HV CHANGED MORE THAN HVINS

          43  RD AVENUE EXTENSION
     9.10     16.43  1023.63      0.00      0.00  1024.51      0.88      1.09      0.06  1023.60
  190000.        1.  188708.     1291.        8.   24919.      710.     9377.     1347.   1021.90
     0.59      0.11      7.57      1.82     0.045     0.033     0.040     0.000   1007.20 18316.71
 0.001279      700.      610.      660.         2         0         0      0.00   3346.53 21803.41

FLOW DISTRIBUTION FOR SECNO=      9.10          CWSEL=   1023.63

STA=   18317.   18608.   21048.   21803.
  PER Q=      0.0      99.3       0.7
   AREA=      7.7  24918.7     709.9
    VEL=      0.1       7.6       1.8
```

```
   SECNO      DEPTH      CWSEL      CRIWS      WSELK      EG         HV         HL         QLOSS    BANK ELEV
   Q          QLOB       QCH        QROB       ALOB       ACH        AROB       VOL        TWA    LEFT/RIGHT
   TIME       VLOB       VCH        VROB       XNL        XNCH       XNR        WTN        ELMIN       SSTA
   SLOPE      XLOBL      XLCH       XLOBR      ITRIAL     IDC        ICONT      CORAR      TOPWID      ENDST


*SECNO 9.259

3265 DIVIDED FLOW

     9.26      21.12   1024.72       0.00       0.00   1025.64       0.92       1.11       0.01    1024.00
  190000.        133.   155721.    34146.       179.    19265.       6163.      9872.      1409.    1026.00
     0.62       0.74       8.08       5.54      0.045      0.033      0.040      0.000    1003.60   18660.14
 0.001362       780.       850.       790.          3          0          0       0.00    3140.98   21844.19


FLOW DISTRIBUTION FOR SECNO=       9.26          CWSEL=    1024.72

STA=    18660.    18893.    19065.    20898.    20923.    21472.    21564.    21617.    21719.    21832.    21844.
  PER Q=      0.0       0.0      82.0       0.2      14.6       2.5       0.6       0.1       0.1       0.0
   AREA=     81.6      97.8   19265.2      95.0    4786.5     802.1     266.0     124.3      86.8       2.6
    VEL=      0.6       0.8       8.1       3.5       5.8       5.8       4.0       1.6       1.2       0.5

*SECNO 9.384

3265 DIVIDED FLOW

     9.38      20.05   1025.95       0.00       0.00   1026.61       0.66       0.95       0.03    1024.90
  190000.        210.    89167.   100623.       205.    12978.      16288.     10322.      1463.    1022.60
     0.65       1.03       6.87       6.18      0.045      0.033      0.040      0.000    1005.90   18840.07
 0.001323       620.       660.       790.          2          0          0       0.00    3610.68   22752.60


FLOW DISTRIBUTION FOR SECNO=       9.38          CWSEL=    1025.95

STA=    18840.    19242.    20748.    22147.    22676.    22753.
  PER Q=      0.1      46.9      45.2       7.1       0.6
   AREA=    204.8   12977.9   13806.7    2165.3     315.6
    VEL=      1.0       6.9       6.2       6.2       3.8

*SECNO 9.543

3265 DIVIDED FLOW

     9.54      21.11   1026.91       0.00       0.00   1027.68       0.77       1.04       0.03    1020.30
  190000.       3453.   164255.    22291.       976.    22449.       4297.     10852.      1526.    1022.80
     0.68       3.54       7.32       5.19      0.045      0.033      0.040      0.000    1005.80   18968.19
 0.001234       820.       840.       750.          2          0          0       0.00    3148.96   22132.04
```

```
   SECNO     DEPTH     CWSEL     CRIWS     WSELK     EG        HV        HL        OLOSS   BANK ELEV
   Q         QLOB      QCH       QROB      ALOB      ACH       AROB      VOL       TWA   LEFT/RIGHT
   TIME      VLOB      VCH       VROB      XNL       XNCH      XNR       WTN       ELMIN       SSTA
   SLOPE     XLOBL     XLCH      XLOBR     ITRIAL    IDC       ICONT     CORAR     TOPWID      ENDST


FLOW DISTRIBUTION FOR SECNO=      9.54          CWSEL=   1026.91

STA=   18968.   19317.   21563.   21871.   22003.   22132.
  PER Q=      1.8      86.5      5.8      4.1      1.8
   AREA=    976.3  22449.1   2206.6   1296.4    794.1
    VEL=      3.5      7.3      5.0      6.1      4.4

*SECNO 9.664
     9.66     15.11  1027.61     0.00     0.00  1028.79     1.18     0.99     0.12  1025.50
 190000.     4912.  176793.     8295.     1034.    19674.     2505.   11232.     1573.   1026.40
     0.70      4.75     8.99     3.31    0.045    0.033    0.045    0.000  1012.50 18991.20
 0.001948      670.     640.     700.        2        0        0     0.00  3113.67 22104.87

FLOW DISTRIBUTION FOR SECNO=      9.66          CWSEL=   1027.61

STA=   18991.   19255.   21298.   21725.   22105.
  PER Q=      2.6      93.0      3.1      1.3
   AREA=   1034.2  19674.3   1614.6    889.9
    VEL=      4.7      9.0      3.6      2.8

*SECNO 9.786

3265 DIVIDED FLOW

3301 HV CHANGED MORE THAN HVINS

     9.79     15.49  1028.39     0.00     0.00  1030.88     2.48     1.70     0.39  1027.70
 190000.     5426.  184570.       4.     1006.    14427.       5.   11519.     1610.   1030.10
     0.71      5.39    12.79     0.80    0.045    0.033    0.045    0.000  1012.90 18960.03
 0.003774      690.     640.     700.        2        0        0     0.00  1746.60 20762.93

FLOW DISTRIBUTION FOR SECNO=      9.79          CWSEL=   1028.39

STA=   18960.   19006.   19051.   19072.   19121.   19191.   19236.   20692.   20763.
  PER Q=      0.3      1.0      0.5      0.6      0.3      0.1     97.1      0.0
   AREA=    140.1    283.3    130.1    215.4    174.7     62.8  14427.3      5.5
    VEL=      4.2      6.9      6.8      5.4      3.7      2.5     12.8      0.8

*SECNO 9.867
```

```
  SECNO     DEPTH     CWSEL     CRIWS     WSELK     EG        HV        HL        OLOSS    BANK ELEV
  Q         QLOB      QCH       QROB      ALOB      ACH       AROB      VOL       TWA    LEFT/RIGHT
  TIME      VLOB      VCH       VROB      XNL       XNCH      XNR       WTN       ELMIN       SSTA
  SLOPE     XLOBL     XLCH      XLOBR     ITRIAL    IDC       ICONT     CORAR     TOPWID      ENDST


3265 DIVIDED FLOW

     9.87     19.09  1030.19      0.00      0.00  1032.28      2.09      1.37      0.04   1026.00
   190000.    6850.   183150.       0.     1258.   15555.        0.    11677.     1626.  100000.00
     0.72      5.44     11.77      0.00     0.045     0.033     0.000     0.000   1011.10  18948.60
 0.002726      410.      430.      430.         3         0         0      0.00   1637.75  20627.55


FLOW DISTRIBUTION FOR SECNO=      9.87          CWSEL=   1030.19

STA=   18949.   18981.   18990.   19049.   19078.   19127.   19156.   19210.   19242.   20870.
  PER Q=     0.0      0.0      0.1      0.7      1.0      0.6      0.8      0.3     96.4
   AREA=    43.6     12.5     69.2    202.7    322.9    191.1    280.3    135.7  15554.5
    VEL=     2.1      2.0      4.0      6.3      6.1      6.1      5.2      4.5     11.8

CCHV=   0.300 CEHV=   0.500
*SECNO 9.996

3265 DIVIDED FLOW

    10.00     24.60  1032.30      0.00      0.00  1033.97      1.67      1.57      0.13   1028.00
   195000.     947.   193964.       89.      283.   18636.        81.    11956.     1653.   1030.30
     0.74      3.35     10.41      1.10     0.045     0.033     0.045     0.000   1007.70  19004.33
 0.001982      650.      680.      700.         2         0         0      0.00   1821.09  20929.00


FLOW DISTRIBUTION FOR SECNO=     10.00          CWSEL=   1032.30

STA=   19004.   19029.   19059.   19092.   20662.   20704.   20929.
  PER Q=     0.0      0.2      0.2     99.5      0.0      0.0
   AREA=    44.4    108.0    130.3  18635.6     42.3     38.6
    VEL=     2.2      3.5      3.7     10.4      1.5      0.7

*SECNO 10.055

3265 DIVIDED FLOW


3301 HV CHANGED MORE THAN HVINS

3685 20 TRIALS ATTEMPTED WSEL,CWSEL
3693 PROBABLE MINIMUM SPECIFIC ENERGY
```

```
   SECNO     DEPTH     CWSEL     CRIWS     WSELK     EG        HV        HL        OLOSS    BANK ELEV
   Q         QLOB      QCH       QROB      ALOB      ACH       AROB      VOL       TWA    LEFT/RIGHT
   TIME      VLOB      VCH       VROB      XNL       XNCH      XNR       WTN       ELMIN       SSTA
   SLOPE     XLOBL     XLCH      XLOBR     ITRIAL    IDC       ICONT     CORAR     TOPWID      ENDST

3720 CRITICAL DEPTH ASSUMED
          GR POINTS FROM DESIGN PLANS
    10.05     24.72  1034.72  1034.72      0.00  1038.93      4.21      1.15      1.27  1035.00
   195000.       0.  195000.       0.        0.   11847.        0.     12066.     1665. 100000.00
     0.75      0.00     16.46      0.00    0.000     0.033     0.000     0.000   1010.00  1363.93
 0.009271      240.      310.      260.       20         5         0      0.00   1443.69  3770.00

FLOW DISTRIBUTION FOR SECNO=     10.05          CWSEL=   1034.72

STA=    1364.    3813.
  PER Q=     100.0
   AREA=  11846.6
    VEL=     16.5

*SECNO 10.062

3265 DIVIDED FLOW

3280 CROSS SECTION     10.06 EXTENDED      1.39 FEET

3301 HV CHANGED MORE THAN HVINS

3370 NORMAL BRIDGE,NRD=  4 MIN ELTRD= 1043.00 MAX ELLC= 1030.00

3470 ENCROACHMENT STATIONS=    1400.0     3800.0  TYPE=     1  TARGET=    2400.000
          35  TH AVENUE BRIDGE, GR STATIONS FROM DESIGN PLANS
    10.06     27.19  1037.19      0.00      0.00  1039.73      2.54      0.30      0.50100000.00
   195000.       0.  195000.       0.        0.   15246.        0.     12078.     1666. 100000.00
     0.75      0.00     12.79      0.00    0.000     0.033     0.000     0.000   1010.00  1400.00
 0.006378       40.       40.       40.        5         0         0   -333.42   1615.23  3770.00

FLOW DISTRIBUTION FOR SECNO=     10.06          CWSEL=   1037.19

STA=    1400.    3813.
  PER Q=     100.0
   AREA=  15246.4
    VEL=     12.8
```

```
   SECNO     DEPTH     CWSEL     CRIWS     WSELK     EG        HV        HL        OLOSS    BANK ELEV
   Q         QLOB      QCH       QROB      ALOB      ACH       AROB      VOL       TWA    LEFT/RIGHT
   TIME      VLOB      VCH       VROB      XNL       XNCH      XNR       WTN       ELMIN       SSTA
   SLOPE     XLOBL     XLCH      XLOBR     ITRIAL    IDC       ICONT     CORAR     TOPWID      ENDST


*SECNO 10.204

3301 HV CHANGED MORE THAN HVINS

3470 ENCROACHMENT STATIONS=   18037.0   21355.0  TYPE=     1  TARGET=    3318.000
    10.20     26.83  1040.63      0.00      0.00  1041.10      0.47      0.74      0.62  1035.90
   195000.   11023.  121956.   62022.    6232.   20327.   12572.   12561.    1709.   1035.10
     0.79      1.77      6.00      4.93     0.045     0.033     0.040     0.000  1013.80 18092.84
 0.000375      750.      750.      850.         2         0         0      0.00  3262.16 21355.00


FLOW DISTRIBUTION FOR SECNO=     10.20          CWSEL=   1040.63

STA=   18093.   18864.   19464.   20584.   20862.   21035.   21122.   21218.   21355.
  PER Q=      3.2      2.5     62.5      8.7      9.9      5.0      4.8      3.5
   AREA=   3500.8   2731.6  20327.0   3679.0   3566.8   1793.7   1825.4   1706.8
    VEL=      1.8      1.8      6.0      4.6      5.4      5.4      5.1      4.0

CCHV=   0.100 CEHV=   0.300
*SECNO 10.382

3470 ENCROACHMENT STATIONS=   18530.0   21402.0  TYPE=     1  TARGET=  -18530.000
    10.38     26.77  1040.97      0.00      0.00  1041.51      0.54      0.39      0.02  1038.40
   195000.    7302.  136204.   51494.    3594.   21521.   10467.   13378.    1775.   1037.00
     0.83      2.03      6.33      4.92     0.045     0.033     0.040     0.000  1014.20 18530.00
 0.000442      900.      940.      1000.        2         0         0      0.00  2820.70 21350.70


FLOW DISTRIBUTION FOR SECNO=     10.38          CWSEL=   1040.97

STA=   18530.   19257.   19360.   20600.   20796.   20895.   20998.   21081.   21260.   21351.
  PER Q=      3.4      0.4     69.8      3.3      5.8      6.6      5.3      4.4      1.1
   AREA=   3198.6    395.6  21521.3   1819.3   1971.6   2159.2   1740.0   2126.9    650.3
    VEL=      2.1      1.7      6.3      3.5      5.7      5.9      5.9      4.0      3.2

*SECNO 10.562
3280 CROSS SECTION     10.56 EXTENDED      1.47 FEET

    10.56     24.37  1041.47      0.00      0.00  1041.88      0.41      0.36      0.01  1037.10
   195000.    6362.  170306.   18333.    3461.   31780.    4749.   14203.    1837.   1031.10
     0.88      1.84      5.36      3.86     0.045     0.033     0.040     0.000  1017.10 18430.00
 0.000334      950.      950.      950.        2         0         0      0.00  2939.63 21369.63
```

```
   SECNO     DEPTH     CWSEL     CRIWS     WSELK     EG        HV        HL        OLOSS   BANK ELEV
   Q         QLOB      QCH       QROB      ALOB      ACH       AROB      VOL       TWA   LEFT/RIGHT
   TIME      VLOB      VCH       VROB      XNL       XNCH      XNR       WTN       ELMIN       SSTA
   SLOPE     XLOBL     XLCH      XLOBR     ITRIAL    IDC       ICONT     CORAR     TOPWID      ENDST

FLOW DISTRIBUTION FOR SECNO=     10.56          CWSEL=   1041.47

STA=   18430.   19039.   19103.   21010.   21185.   21300.   21370.
  PER Q=      3.1      0.2     87.3      4.1      3.8      1.5
   AREA=   3197.8    263.6  31779.8   2174.4   1778.7    795.4
    VEL=      1.9      1.6      5.4      3.7      4.2      3.6

*SECNO 10.742

3265 DIVIDED FLOW

3280 CROSS SECTION      10.74 EXTENDED       1.56 FEET

    10.74     26.76  1041.76      0.00      0.00  1042.21      0.45      0.32      0.01  1040.70
  195000.      184.  194815.        0.      305.   36243.        1.     15037.     1897.   1041.10
     0.93      0.60      5.38      0.32     0.045     0.033     0.040     0.000   1015.00  18568.00
 0.000334      950.      950.      940.         2         0         0      0.00   2516.13  21372.25

FLOW DISTRIBUTION FOR SECNO=     10.74          CWSEL=   1041.76

STA=   18568.   18624.   18919.   19024.   21370.   21372.
  PER Q=      0.0      0.0      0.0     99.9      0.0
   AREA=     87.4    101.4    116.7  36242.5      0.7
    VEL=      0.8      0.4      0.6      5.4      0.3

*SECNO 10.890

3495 OVERBANK AREA ASSUMED NON-EFFECTIVE,ELLEA=     1053.40 ELREA=     1046.30

    10.89     28.61  1042.01      0.00      0.00  1042.47      0.46      0.26      0.00  1053.40
  195000.        0.  195000.        0.        0.   35987.        0.     15686.     1938.   1046.30
     0.97      0.00      5.42      0.00     0.000     0.033     0.000     0.000   1013.40  19281.97
 0.000323      790.      780.      780.         1         0         0      0.00   2043.54  21325.51

FLOW DISTRIBUTION FOR SECNO=     10.89          CWSEL=   1042.01

STA=   19282.   21407.
  PER Q=    100.0
   AREA=  35987.2
    VEL=      5.4
```

```
   SECNO     DEPTH     CWSEL     CRIWS     WSELK     EG        HV        HL        OLOSS    BANK ELEV
   Q         QLOB      QCH       QROB      ALOB      ACH       AROB      VOL       TWA    LEFT/RIGHT
   TIME      VLOB      VCH       VROB      XNL       XNCH      XNR       WTN       ELMIN       SSTA
   SLOPE     XLOBL     XLCH      XLOBR     ITRIAL    IDC       ICONT     CORAR     TOPWID      ENDST


*SECNO 11.036

3495 OVERBANK AREA ASSUMED NON-EFFECTIVE,ELLEA=     1044.70 ELREA=     1047.40

          27 TH  AVENUE EXTENSION,APPROXIMATE CONFL. OF CAVE CREEK
    11.04     28.21  1042.21      0.00      0.00  1042.82      0.61      0.31      0.05  1044.70
  195000.        0.  195000.        0.        0.   31012.        0.    16278.     1973.  1047.40
     1.01      0.00      6.29      0.00     0.000     0.033     0.000     0.000   1014.00 19283.20
 0.000505      780.      770.      770.         2         0         0      0.00   1982.09 21265.29


FLOW DISTRIBUTION FOR SECNO=     11.04          CWSEL=   1042.21

STA=   19283.   21420.
  PER Q=     100.0
   AREA=  31011.6
    VEL=       6.3
```

THIS RUN EXECUTED 23-Oct-85 15:55

```
*************************************************
  HEC2 RELEASE DATED NOV 76 UPDATED MAY  1984
  ERROR CORR -  01,02,03,04,05,06
  MODIFICATION -  50,51,52,53,54,55,56
*************************************************
```

T1
T2
T3

J1	ICHECK	INQ	NINV	IDIR	STRT	METRIC	HVINS	Q	WSEL	FQ
	0.	3.	0.	0.	0.000000	0.00	0.0	0.	944.300	0.000
J2	NPROF	IPLOT	PRFVS	XSECV	XSECH	FN	ALLDC	IBW	CHNIM	ITRACE
	15.000	0.000	-1.000	0.000	0.000	0.000	0.000	0.000	0.000	15.000

```
   SECNO     DEPTH     CWSEL     CRIWS     WSELK     EG        HV        HL        OLOSS    BANK ELEV
   Q         QLOB      QCH       QROB      ALOB      ACH       AROB      VOL       TWA    LEFT/RIGHT
   TIME      VLOB      VCH       VROB      XNL       XNCH      XNR       WTN       ELMIN       SSTA
   SLOPE     XLOBL     XLCH      XLOBR     ITRIAL    IDC       ICONT     CORAR     TOPWID      ENDST


*PROF 2

CCHV=   0.100 CEHV=   0.300
*SECNO 6.035
3720 CRITICAL DEPTH ASSUMED

3470 ENCROACHMENT STATIONS=   18600.0   21000.0  TYPE=     1  TARGET=    2400.000
          67  TH AVENUE EXTENSION
     6.04     11.40   990.20   990.20   993.92   993.60     3.40      0.00      0.00   999.10
  190000.        0.  190000.       0.       0.  12836.       0.        0.        0.   992.00
     0.00      0.00    14.80     0.00    0.000    0.033    0.000     0.000    978.80 18845.50
 0.008539      880.      210.     940.        0       26        0      0.00   1910.81 20756.31

FLOW DISTRIBUTION FOR SECNO=      6.04          CWSEL=    990.20

STA=   18845.   20989.
  PER Q=     100.0
   AREA=  12836.0
    VEL=     14.8

*SECNO 6.113

3301 HV CHANGED MORE THAN HVINS

3470 ENCROACHMENT STATIONS=   18400.0   20896.0  TYPE=     1  TARGET=    2496.000
     6.11     15.17   994.07     0.00   994.90   995.07     1.00      1.23      0.24   993.10
  190000.      103.  189897.       0.       82.  23694.       0.       172.       21. 100000.00
     0.01      1.25     8.01     0.00    0.045    0.033    0.000     0.000    978.90 18400.00
 0.001509      580.      410.     330.        2        0        0      0.00   2496.00 20896.00


FLOW DISTRIBUTION FOR SECNO=      6.11          CWSEL=    994.07

STA=   18400.   18485.   20896.
  PER Q=       0.1      99.9
   AREA=      82.3   23693.9
    VEL=       1.2       8.0

*SECNO 6.247
```

```
   SECNO     DEPTH     CWSEL     CRIWS     WSELK     EG        HV        HL        OLOSS    BANK ELEV
   Q         QLOB      QCH       QROB      ALOB      ACH       AROB      VOL       TWA    LEFT/RIGHT
   TIME      VLOB      VCH       VROB      XNL       XNCH      XNR       WTN       ELMIN       SSTA
   SLOPE     XLOBL     XLCH      XLOBR     ITRIAL    IDC       ICONT     CORAR     TOPWID      ENDST


3265 DIVIDED FLOW


3470 ENCROACHMENT STATIONS=   17980.0   21250.0  TYPE=     1  TARGET=    3270.000
     6.25     16.09    995.29     0.00    995.80    996.43     1.14      1.32      0.04100000.00
  190000.        0.  189789.      211.        0.     22165.      88.       548.       65.    993.20
     0.04      0.00      8.56     2.41     0.000     0.033    0.045     0.000    979.20 18018.56
 0.002365      850.      710.     520.         3         0        0      0.00   2906.28 21250.00


FLOW DISTRIBUTION FOR SECNO=      6.25          CWSEL=    995.29

STA=   18019.   21204.   21250.
  PER Q=      99.9       0.1
   AREA=  22164.6      87.6
    VEL=       8.6       2.4

*SECNO 6.378

3470 ENCROACHMENT STATIONS=   17823.0   21628.0  TYPE=     1  TARGET=    3805.000

3495 OVERBANK AREA ASSUMED NON-EFFECTIVE,ELLEA=   100000.00 ELREA=   100000.00

     6.38     15.88    997.08     0.00    997.30    997.80     0.73      1.33      0.04100000.00
  190000.        0.  190000.        0.        0.     27794.       0.       944.      118. 100000.00
     0.07      0.00      6.84     0.00     0.000     0.033    0.000     0.000    981.20 17831.22
 0.001599      820.      690.     730.         2         0        0      0.00   3754.59 21585.80


FLOW DISTRIBUTION FOR SECNO=      6.38          CWSEL=    997.08

STA=   17831.   21628.
  PER Q=     100.0
   AREA=  27794.2
    VEL=       6.8

*SECNO 6.550

3265 DIVIDED FLOW


3470 ENCROACHMENT STATIONS=   17650.0   21135.0  TYPE=     1  TARGET=    3485.000
```

```
   SECNO     DEPTH     CWSEL     CRIWS     WSELK     EG        HV        HL        OLOSS    BANK ELEV
   Q         QLOB      QCH       QROB      ALOB      ACH       AROB      VOL       TWA    LEFT/RIGHT
   TIME      VLOB      VCH       VROB      XNL       XNCH      XNR       WTN       ELMIN       SSTA
   SLOPE     XLOBL     XLCH      XLOBR     ITRIAL    IDC       ICONT     CORAR     TOPWID      ENDST


3495 OVERBANK AREA ASSUMED NON-EFFECTIVE,ELLEA=      995.20 ELREA=   100000.00

     6.55     12.96    998.56      0.00    998.66    999.49      0.93      1.63      0.06    995.20
  190000.       194.  189806.        0.       65.    24513.        0.     1491.       191. 100000.00
     0.10      3.00      7.74      0.00     0.045     0.033     0.000     0.000    985.60 17650.00
 0.002022      770.      910.      780.         2         0         0      0.00   3292.87 21116.66


FLOW DISTRIBUTION FOR SECNO=      6.55          CWSEL=    998.56

STA=   17650.   17669.   21135.
  PER Q=      0.1     99.9
   AREA=     64.5  24512.5
    VEL=      3.0      7.7

*SECNO 6.727

3470 ENCROACHMENT STATIONS=   17600.0   20952.0  TYPE=     1  TARGET=    3352.000

3495 OVERBANK AREA ASSUMED NON-EFFECTIVE,ELLEA=      999.70 ELREA=   100000.00

     6.73     13.63   1000.43      0.00   1000.49   1001.30      0.87      1.80      0.01    999.70
  190000.        53.  189947.        0.        39.   25387.        0.     2028.       263. 100000.00
     0.13      1.38      7.48      0.00     0.045     0.033     0.000     0.000    986.80 17600.00
 0.001833      925.      935.      915.         2         0         0      0.00   3352.00 20952.00


FLOW DISTRIBUTION FOR SECNO=      6.73          CWSEL=   1000.43

STA=   17600.   17639.   20952.
  PER Q=      0.0    100.0
   AREA=     38.7  25386.9
    VEL=      1.4      7.5

*SECNO 6.863

3470 ENCROACHMENT STATIONS=   17750.0   20862.0  TYPE=     1  TARGET=    3112.000

3495 OVERBANK AREA ASSUMED NON-EFFECTIVE,ELLEA=      998.80 ELREA=   100000.00

          59  TH AVENUE EXTENSION
     6.86     14.75   1001.65      0.00   1001.57   1002.39      0.74      1.08      0.01    998.80
  190000.       311.  189689.        0.       145.   27465.        0.     2463.       316. 100000.00
     0.16      2.15      6.91      0.00     0.045     0.033     0.000     0.000    986.90 17750.00
 0.001266      815.      715.      760.         2         0         0      0.00   3112.00 20862.00
```

```
  SECNO     DEPTH     CWSEL     CRIWS     WSELK     EG        HV        HL        OLOSS     BANK ELEV
  Q         QLOB      QCH       QROB      ALOB      ACH       AROB      VOL       TWA     LEFT/RIGHT
  TIME      VLOB      VCH       VROB      XNL       XNCH      XNR       WTN       ELMIN       SSTA
  SLOPE     XLOBL     XLCH      XLOBR     ITRIAL    IDC       ICONT     CORAR     TOPWID      ENDST

FLOW DISTRIBUTION FOR SECNO=      6.86          CWSEL=   1001.65

STA=   17750.   17806.   20862.
  PER Q=      0.2      99.8
   AREA=    144.6  27465.0
    VEL=      2.2       6.9

*SECNO 7.031

3470 ENCROACHMENT STATIONS=   17700.0   20850.0  TYPE=     1  TARGET=    3150.000
     7.03     16.01  1002.91      0.00  1002.77  1003.93      1.02      1.46      0.08  1002.40
  190000.      875.  189125.        0.      244.   23286.        0.     2986.      380. 100000.00
     0.19      3.59      8.12     0.00     0.045     0.033     0.000     0.000    986.90 17700.00
 0.002203      920.      890.     800.         2         0         0      0.00   3150.00 20850.00

FLOW DISTRIBUTION FOR SECNO=      7.03          CWSEL=   1002.91

STA=   17700.   17737.   17767.   20880.
  PER Q=      0.3       0.1     99.5
   AREA=    158.0      85.9  23285.5
    VEL=      3.8       3.1       8.1

*SECNO 7.207

3265 DIVIDED FLOW

3470 ENCROACHMENT STATIONS=   18150.0   21187.0  TYPE=     1  TARGET=    3037.000

3495 OVERBANK AREA ASSUMED NON-EFFECTIVE,ELLEA=     1001.70 ELREA=   100000.00

     7.21     16.06  1004.66      0.00  1004.49  1005.47      0.81      1.52      0.02  1001.70
  190000.       78.  189922.        0.       52.   26248.        0.     3517.      443. 100000.00
     0.23      1.52      7.24     0.00     0.045     0.033     0.000     0.000    988.60 18150.05
 0.001257      940.      930.     880.         2         0         0      0.00   2749.49 21187.00

FLOW DISTRIBUTION FOR SECNO=      7.21          CWSEL=   1004.66

STA=   18150.   18185.   21187.
  PER Q=      0.0     100.0
   AREA=     51.7  26248.1
    VEL=      1.5       7.2
```

```
   SECNO     DEPTH     CWSEL     CRIWS     WSELK     EG        HV        HL        OLOSS    BANK ELEV
   Q         QLOB      QCH       QROB      ALOB      ACH       AROB      VOL       TWA    LEFT/RIGHT
   TIME      VLOB      VCH       VROB      XNL       XNCH      XNR       WTN       ELMIN       SSTA
   SLOPE     XLOBL     XLCH      XLOBR     ITRIAL    IDC       ICONT     CORAR     TOPWID      ENDST


*SECNO 7.353

3265 DIVIDED FLOW


3470 ENCROACHMENT STATIONS=   18300.0   21050.0  TYPE=      1  TARGET=     2750.000
     7.35     14.88  1005.68     0.00  1005.56  1006.84     1.16      1.27      0.10  1007.40
  190000.        0.  189991.       9.        0.   21962.       6.     3944.      491.   1004.60
     0.25      0.36     8.65     1.51     0.045    0.033    0.045     0.000    990.80 18300.00
 0.002242      820.     770.     700.         2        0        0      0.00   2687.75 21050.00


FLOW DISTRIBUTION FOR SECNO=      7.35          CWSEL=   1005.68

STA=   18300.   21045.   21050.
  PER Q=     100.0       0.0
   AREA=  21961.7       6.0
    VEL=      8.7       1.5

*SECNO 7.501

3265 DIVIDED FLOW


3470 ENCROACHMENT STATIONS=   18300.0   21100.0  TYPE=      1  TARGET=     2800.000
     7.50     16.40  1007.40     0.00  1007.26  1008.45     1.05      1.59      0.01  1006.60
  190000.       34.  189881.      85.       35.   23066.      31.     4348.      539.   1003.30
     0.28      0.98     8.23     2.74     0.045    0.033    0.045     0.000    991.00 18300.00
 0.001866      560.     780.     830.         2        0        0      0.00   2712.60 21100.00


FLOW DISTRIBUTION FOR SECNO=      7.50          CWSEL=   1007.40

STA=   18300.   18362.   21092.   21100.
  PER Q=       0.0      99.9      0.0
   AREA=      35.3   23066.0     31.0
    VEL=       1.0       8.2      2.7

*SECNO 7.653

3470 ENCROACHMENT STATIONS=   18450.0   20800.0  TYPE=      1  TARGET=     2350.000
     7.65     14.75  1008.85     0.00  1008.78  1010.09     1.25      1.59      0.06  1004.40
  190000.      250.  189736.      14.       72.   21170.       8.     4758.      586.   1007.40
     0.30      3.48     8.96     1.66     0.045    0.033    0.045     0.000    994.10 18450.00
 0.002090      690.     805.     840.         2        0        0      0.00   2350.00 20800.00
```

```
   SECNO     DEPTH     CWSEL     CRIWS     WSELK     EG        HV        HL        OLOSS    BANK ELEV
   Q         QLOB      QCH       QROB      ALOB      ACH       AROB      VOL       TWA    LEFT/RIGHT
   TIME      VLOB      VCH       VROB      XNL       XNCH      XNR       WTN       ELMIN       SSTA
   SLOPE     XLOBL     XLCH      XLOBR     ITRIAL    IDC       ICONT     CORAR     TOPWID      ENDST

FLOW DISTRIBUTION FOR SECNO=      7.65          CWSEL=   1008.85

STA=   18450.   18466.   20794.   20800.
  PER Q=      0.1      99.9      0.0
   AREA=     71.8  21170.4      8.5
    VEL=      3.5       9.0      1.7

*SECNO 7.839

3265 DIVIDED FLOW

3470 ENCROACHMENT STATIONS=   18600.0   20965.0  TYPE=     1  TARGET=    2365.000
     7.84    16.44  1010.84      0.00  1010.78  1011.94      1.10      1.84      0.01  1016.30
  190000.   17711.  172289.        0.     2466.    20158.       0.      5250.      637. 100000.00
     0.34     7.18     8.55      0.00     0.045    0.033     0.000     0.000    994.40 18600.00
 0.001697     930.     980.     1010.         2        0         0      0.00   2246.12 20902.43

FLOW DISTRIBUTION FOR SECNO=      7.84          CWSEL=   1010.84

STA=   18600.   18744.   18787.   18810.   18815.   20965.
  PER Q=      8.3      1.0      0.0      0.0     90.7
   AREA=   2079.5    354.4     30.8      1.5  20158.3
    VEL=      7.6      5.4      1.7      0.6      8.5

*SECNO 7.943

3301 HV CHANGED MORE THAN HVINS

3470 ENCROACHMENT STATIONS=   18950.0   20986.0  TYPE=     1  TARGET=    2036.000

3495 OVERBANK AREA ASSUMED NON-EFFECTIVE,ELLEA=     1012.90 ELREA=   100000.00

     7.94    14.42  1011.62      0.00  1010.83  1013.24      1.62      1.14      0.16  1012.90
  190000.       0.  190000.        0.        0.   18595.       0.      5507.      664. 100000.00
     0.35     0.00    10.22      0.00     0.000    0.033     0.000     0.000    997.20 18999.32
 0.002626     450.     550.     590.         2        0         0      0.00   1986.68 20986.00

FLOW DISTRIBUTION FOR SECNO=      7.94          CWSEL=   1011.62

STA=   18999.   21125.
  PER Q=    100.0
   AREA=  18595.3
    VEL=     10.2
```

```
   SECNO     DEPTH     CWSEL     CRIWS     WSELK     EG        HV        HL        OLOSS    BANK ELEV
   Q         QLOB      QCH       QROB      ALOB      ACH       AROB      VOL       TWA    LEFT/RIGHT
   TIME      VLOB      VCH       VROB      XNL       XNCH      XNR       WTN       ELMIN       SSTA
   SLOPE     XLOBL     XLCH      XLOBR     ITRIAL    IDC       ICONT     CORAR     TOPWID      ENDST


CCHV=   0.300 CEHV=   0.500
*SECNO 8.022

3301 HV CHANGED MORE THAN HVINS


3470 ENCROACHMENT STATIONS=   19350.0   21100.0  TYPE=     1  TARGET=    1750.000
      8.02     16.29  1012.99      0.00  1012.86  1014.07      1.08      0.67      0.16  1009.90
  190000.       99.  189886.       15.       49.   22755.       19.     5705.      682.   1012.30
      0.36      2.00      8.34     0.78     0.045     0.033    0.045     0.000    996.70 19350.00
 0.001084      440.      415.      465.         2         0        0      0.00   1750.00 21100.00


FLOW DISTRIBUTION FOR SECNO=      8.02          CWSEL=   1012.99

STA=   19350.   19367.   21069.   21100.
  PER Q=      0.1      99.9      0.0
   AREA=     49.3  22754.5     19.2
    VEL=      2.0       8.3      0.8

*SECNO 8.041

3470 ENCROACHMENT STATIONS=   19297.0   21045.0  TYPE=     1  TARGET=    1748.000

3495 OVERBANK AREA ASSUMED NON-EFFECTIVE,ELLEA=     1018.70 ELREA=   100000.00

      8.04     15.78  1013.28      0.00  1012.91  1014.20      0.92      0.09      0.05  1018.70
  190000.        0.  190000.        0.        0.   24623.        0.     5759.      685. 100000.00
      0.37      0.00      7.72     0.00     0.000     0.033    0.000     0.000    997.50 19429.11
 0.000770      100.      100.      100.         2         0        0      0.00   1596.84 21025.94


FLOW DISTRIBUTION FOR SECNO=      8.04          CWSEL=   1013.28

STA=   19429.   21045.
  PER Q=    100.0
   AREA=  24622.7
    VEL=      7.7
```

```
   SECNO     DEPTH     CWSEL     CRIWS     WSELK     EG        HV        HL        OLOSS    BANK ELEV
   Q         QLOB      QCH       QROB      ALOB      ACH       AROB      VOL       TWA    LEFT/RIGHT
   TIME      VLOB      VCH       VROB      XNL       XNCH      XNR       WTN       ELMIN       SSTA
   SLOPE     XLOBL     XLCH      XLOBR     ITRIAL    IDC       ICONT     CORAR     TOPWID      ENDST


SPECIAL BRIDGE

SB  XK        XKOR      COFQ      RDLEN     BWC       BWP       BAREA     SS        ELCHU     ELCHD
     1.05      1.60      2.50      0.00   1550.00    120.00  30030.00     0.60    996.00    995.80

*SECNO 8.051
6840,FLOW IS BY WEIR AND LOW FLOW
6870 D.S. ENERGY OF 1014.20 HIGHER THAN COMPUTED ENERGY OF 1014.17
3420 BRIDGE W.S.=   1013.40 BRIDGE VELOCITY=,      7.02      CALCULATED CHANNEL AREA=,     25064.

 EGPRS     EGLWC     H3        QWEIR     QLOW      BAREA     TRAPEZOID     ELLC      ELTRD
                                                             AREA
  1017.00   1014.17    0.12    12304.   176934.   30030.    30295.    1017.00   1012.20


3470 ENCROACHMENT STATIONS=   19400.0   21045.0  TYPE=     1  TARGET=    1645.000
          51  ST AVENUE BRIDGE
     8.05     15.78  1013.28     0.00  1013.01  1014.20     0.92     0.00     0.00100000.00
  190000.        0.  190000.       0.        0.  24631.       0.     5789.      687. 100000.00
     0.37      0.00     7.71     0.00     0.000    0.033    0.000    0.000   997.50 19429.10
 0.000769       53.      53.      53.         2        0        2     0.00  1596.86 21025.96

FLOW DISTRIBUTION FOR SECNO=      8.05          CWSEL=   1013.28

STA=   19429.   21045.
  PER Q=    100.0
   AREA=  24630.5
    VEL=      7.7

*SECNO 8.070

3470 ENCROACHMENT STATIONS=   19200.0   21150.0  TYPE=     1  TARGET=    1950.000
     8.07     16.19  1013.29     0.00  1013.00  1014.39     1.10     0.10     0.09  1011.70
  190000.       58.  189906.      36.       36.  22519.      20.     5843.      691.  1011.10
     0.37      1.62     8.43     1.77     0.045    0.033    0.045    0.000   997.10 19200.00
 0.001317      100.     100.     100.         2        0        0     0.00  1950.00 21150.00

FLOW DISTRIBUTION FOR SECNO=      8.07          CWSEL=   1013.29

STA=   19200.   19221.   21141.   21150.
  PER Q=      0.0    100.0      0.0
   AREA=     35.8  22518.9     20.3
    VEL=      1.6      8.4      1.8
```

```
   SECNO     DEPTH     CWSEL     CRIWS     WSELK     EG        HV        HL        OLOSS    BANK ELEV
   Q         QLOB      QCH       QROB      ALOB      ACH       AROB      VOL       TWA    LEFT/RIGHT
   TIME      VLOB      VCH       VROB      XNL       XNCH      XNR       WTN       ELMIN       SSTA
   SLOPE     XLOBL     XLCH      XLOBR     ITRIAL    IDC       ICONT     CORAR     TOPWID      ENDST


CCHV=   0.100 CEHV=   0.300
*SECNO 8.155

3470 ENCROACHMENT STATIONS=   19141.0   23951.0  TYPE=     1  TARGET=  -19141.000

3495 OVERBANK AREA ASSUMED NON-EFFECTIVE,ELLEA=   100000.00 ELREA=     1018.80

      8.15     14.34  1013.84      0.00  1013.56  1015.32      1.47      0.81      0.11100000.00
   190000.        0.  190000.        0.        0.   19507.        0.     6061.      713.   1018.80
      0.39      0.00      9.74      0.00     0.000     0.033     0.000     0.000   999.50 19141.00
  0.002641      430.      450.      390.         2         0         0      0.00  2251.79 21392.79


FLOW DISTRIBUTION FOR SECNO=      8.15          CWSEL=   1013.84

STA=   19141.   21433.
  PER Q=    100.0
   AREA=  19507.0
    VEL=      9.7

*SECNO 8.320

3265 DIVIDED FLOW


3470 ENCROACHMENT STATIONS=   19100.0   22532.0  TYPE=     1  TARGET=  -19100.000

3495 OVERBANK AREA ASSUMED NON-EFFECTIVE,ELLEA=     1014.30 ELREA=     1020.10

      8.32     17.78  1016.18      0.00  1016.07  1017.22      1.04      1.86      0.04  1014.30
   190000.      843.  189157.        0.      396.   23112.        0.     6490.      763.   1020.10
      0.42      2.13      8.18      0.00     0.045     0.033     0.000     0.000   998.40 19100.00
  0.001759      750.      870.      950.         2         0         0      0.00  2762.08 21880.13


FLOW DISTRIBUTION FOR SECNO=      8.32          CWSEL=   1016.18

STA=   19100.   19205.   19306.   22028.
  PER Q=      0.3      0.2     99.6
   AREA=    216.0    180.0  23112.3
    VEL=      2.2      2.0      8.2
```

```
   SECNO     DEPTH     CWSEL     CRIWS     WSELK     EG        HV        HL        OLOSS    BANK ELEV
   Q         QLOB      QCH       QROB      ALOB      ACH       AROB      VOL       TWA    LEFT/RIGHT
   TIME      VLOB      VCH       VROB      XNL       XNCH      XNR       WTN       ELMIN       SSTA
   SLOPE     XLOBL     XLCH      XLOBR     ITRIAL    IDC       ICONT     CORAR     TOPWID      ENDST

*SECNO 8.456

3470 ENCROACHMENT STATIONS=   19084.0   23109.0  TYPE=     1  TARGET=  -19084.000

3495 OVERBANK AREA ASSUMED NON-EFFECTIVE,ELLEA=   100000.00 ELREA=     1022.30

     8.46     17.97  1017.57      0.00  1017.44  1018.30      0.73      1.05      0.03100000.00
  190000.        0.  190000.        0.        0.   27803.        0.     6914.      811.   1022.30
     0.45      0.00      6.83      0.00     0.000    0.033     0.000     0.000    999.60 19084.00
 0.001222      770.      720.      650.         2        0         0      0.00   3062.06 22146.06

FLOW DISTRIBUTION FOR SECNO=      8.46          CWSEL=   1017.57

STA=   19084.   22225.
  PER Q=    100.0
   AREA=  27802.9
    VEL=      6.8

*SECNO 8.609

3470 ENCROACHMENT STATIONS=   18930.0   23242.0  TYPE=     1  TARGET=  -18930.000

3495 OVERBANK AREA ASSUMED NON-EFFECTIVE,ELLEA=     1018.80 ELREA=     1026.80

     8.61     17.32  1018.62      0.00  1018.54  1019.52      0.90      1.17      0.05   1018.80
  190000.        0.  190000.        0.        0.   25022.        0.     7405.      868.   1026.80
     0.47      0.00      7.59      0.00     0.000    0.033     0.000     0.000   1001.30 18952.54
 0.001739      810.      810.      800.         2        0         0      0.00   3070.60 22023.15

FLOW DISTRIBUTION FOR SECNO=      8.61          CWSEL=   1018.62

STA=   18953.   22189.
  PER Q=    100.0
   AREA=  25022.3
    VEL=      7.6

*SECNO 8.719

3470 ENCROACHMENT STATIONS=   18663.0   23197.0  TYPE=     1  TARGET=  -18663.000
```

```
   SECNO     DEPTH     CWSEL     CRIWS     WSELK     EG        HV        HL        OLOSS   BANK ELEV
   Q         QLOB      QCH       QROB      ALOB      ACH       AROB      VOL       TWA   LEFT/RIGHT
   TIME      VLOB      VCH       VROB      XNL       XNCH      XNR       WTN       ELMIN       SSTA
   SLOPE     XLOBL     XLCH      XLOBR     ITRIAL    IDC       ICONT     CORAR     TOPWID      ENDST


3495 OVERBANK AREA ASSUMED NON-EFFECTIVE,ELLEA=   100000.00 ELREA=     1017.90

     8.72     15.62  1019.62      0.00  1019.60  1020.35      0.73      0.82      0.02100000.00
  190000.        0.  187209.     2791.        0.   27058.     1268.     7759.      911.   1017.90
     0.50      0.00      6.92      2.20     0.000     0.033     0.045     0.000  1004.00 18663.00
 0.001171      600.      580.      510.         2         0         0      0.00  3464.76 22127.76


FLOW DISTRIBUTION FOR SECNO=      8.72          CWSEL=   1019.62

STA=   18663.   21504.   22128.
  PER Q=      98.5      1.5
   AREA=  27058.0   1268.0
    VEL=       6.9      2.2

*SECNO 8.852

3301 HV CHANGED MORE THAN HVINS


3470 ENCROACHMENT STATIONS=   18467.0   22106.0  TYPE=     1  TARGET=  -18467.000

3495 OVERBANK AREA ASSUMED NON-EFFECTIVE,ELLEA=   100000.00 ELREA=     1022.90

     8.85     12.64  1020.34      0.00  1020.36  1021.62      1.27      1.10      0.16100000.00
  190000.        0.  190000.        0.        0.   21002.        0.     8155.      958.   1022.90
     0.52      0.00      9.05      0.00     0.000     0.033     0.000     0.000  1007.70 18544.15
 0.002225      750.      700.      630.         2         0         0      0.00  2384.44 20928.59


FLOW DISTRIBUTION FOR SECNO=      8.85          CWSEL=   1020.34

STA=   18544.   20998.
  PER Q=     100.0
   AREA=  21002.5
    VEL=       9.0

*SECNO 8.983

3470 ENCROACHMENT STATIONS=   18360.0   23029.0  TYPE=     1  TARGET=  -18360.000
```

```
   SECNO     DEPTH     CWSEL     CRIWS     WSELK     EG        HV        HL        OLOSS   BANK ELEV
   Q         QLOB      QCH       QROB      ALOB      ACH       AROB      VOL       TWA   LEFT/RIGHT
   TIME      VLOB      VCH       VROB      XNL       XNCH      XNR       WTN       ELMIN       SSTA
   SLOPE     XLOBL     XLCH      XLOBR     ITRIAL    IDC       ICONT     CORAR     TOPWID      ENDST


3495 OVERBANK AREA ASSUMED NON-EFFECTIVE,ELLEA=   100000.00 ELREA=     1022.10

      8.98     14.69  1021.89      0.00  1021.89  1023.36      1.47      1.68      0.06100000.00
  190000.        0.  190000.        0.        0.   19524.        0.     8475.      995.   1022.10
      0.54      0.00      9.73      0.00     0.000     0.033     0.000     0.000  1007.20 18411.95
 0.002684      670.      690.      730.         2         0         0      0.00  2285.99 20697.94


FLOW DISTRIBUTION FOR SECNO=      8.98          CWSEL=   1021.89

STA=   18412.   20743.
  PER Q=    100.0
   AREA=  19523.6
    VEL=      9.7

*SECNO 9.098

3265 DIVIDED FLOW


3301 HV CHANGED MORE THAN HVINS


3470 ENCROACHMENT STATIONS=   18579.0   23180.0  TYPE=     1  TARGET=  -18579.000
           43  RD AVENUE EXTENSION
      9.10     16.42  1023.62      0.00  1023.63  1024.51      0.89      1.09      0.06  1023.60
  190000.        0.  188713.     1287.        1.   24912.      708.     8792.     1033.   1021.90
      0.56      0.10      7.58      1.82     0.045     0.033     0.040     0.000  1007.20 18579.00
 0.001280      700.      610.      660.         2         0         0      0.00  3083.04 21803.15


FLOW DISTRIBUTION FOR SECNO=      9.10          CWSEL=   1023.62

STA=   18579.   21048.   21132.   21292.   21413.   21526.   21803.
  PER Q=     99.3      0.2      0.3      0.1      0.0      0.0
   AREA=  24911.5    165.8    307.8    148.1     76.1     10.2
    VEL=      7.6      2.1      2.1      1.5      1.0      0.4

*SECNO 9.259

3265 DIVIDED FLOW
```

```
   SECNO     DEPTH     CWSEL     CRIWS     WSELK     EG        HV        HL        OLOSS   BANK ELEV
   Q         QLOB      QCH       QROB      ALOB      ACH       AROB      VOL       TWA   LEFT/RIGHT
   TIME      VLOB      VCH       VROB      XNL       XNCH      XNR       WTN       ELMIN       SSTA
   SLOPE     XLOBL     XLCH      XLOBR     ITRIAL    IDC       ICONT     CORAR     TOPWID      ENDST


3470 ENCROACHMENT STATIONS=   19100.0   23778.0  TYPE=     1  TARGET=  -19100.000
     9.26     21.11  1024.71     0.00  1024.72  1025.64     0.93      1.12     0.01100000.00
  190000.        0.  155913.   34087.       0.   19142.    6153.     9284.     1088.   1026.00
     0.59      0.00     8.14     5.54    0.000     0.033    0.040     0.000  1003.60 19100.00
 0.001363      780.     850.     790.        3         0        0      0.00  2700.71 21843.87

FLOW DISTRIBUTION FOR SECNO=      9.26          CWSEL=   1024.71

STA=   19100.   20898.   20923.   21472.   21564.   21617.   21719.   21832.   21844.
  PER Q=      82.1      0.2     14.6      2.4      0.6      0.1      0.1      0.0
   AREA=  19142.3     94.8   4780.4    801.1    265.4    123.2     85.6      2.4
    VEL=       8.1      3.5      5.8      5.8      4.0      1.6      1.1      0.5

*SECNO 9.384

3265 DIVIDED FLOW

3470 ENCROACHMENT STATIONS=   19188.0   22982.0  TYPE=     1  TARGET=  -19188.000
     9.38     20.05  1025.95     0.00  1025.95  1026.61     0.66      0.95     0.03  1024.90
  190000.       52.    89245.  100702.      48.   12984.   16294.     9731.     1137.   1022.60
     0.62      1.10     6.87     6.18    0.045     0.033    0.040     0.000  1005.90 19188.00
 0.001323      620.     660.     790.        2         0        0      0.00  3290.55 22752.63

FLOW DISTRIBUTION FOR SECNO=      9.38          CWSEL=   1025.95

STA=   19188.   19242.   20748.   22147.   22676.   22753.
  PER Q=       0.0     47.0     45.3      7.1      0.6
   AREA=      47.6  12983.7  13812.1   2166.3    315.9
    VEL=       1.1      6.9      6.2      6.2      3.8

*SECNO 9.543

3470 ENCROACHMENT STATIONS=   19165.0   22268.0  TYPE=     1  TARGET=  -19165.000
     9.54     21.11  1026.91     0.00  1026.91  1027.68     0.77      1.04     0.03  1020.30
  190000.     3275.  164411.   22315.     816.   22457.    4299.    10258.     1195.   1022.80
     0.65      4.01     7.32     5.19    0.045     0.033    0.040     0.000  1005.80 19165.00
 0.001235      820.     840.     750.        2         0        0      0.00  2967.08 22132.08
```

```
   SECNO     DEPTH     CWSEL     CRIWS     WSELK     EG        HV        HL        OLOSS    BANK ELEV
   Q         QLOB      QCH       QROB      ALOB      ACH       AROB      VOL       TWA    LEFT/RIGHT
   TIME      VLOB      VCH       VROB      XNL       XNCH      XNR       WTN       ELMIN       SSTA
   SLOPE     XLOBL     XLCH      XLOBR     ITRIAL    IDC       ICONT     CORAR     TOPWID      ENDST

FLOW DISTRIBUTION FOR SECNO=      9.54          CWSEL=   1026.91

STA=   19165.   19317.   21563.   21871.   22003.   22132.
  PER Q=      1.7     86.5      5.8      4.1      1.8
   AREA=    816.1  22456.6   2207.6   1296.8    794.5
    VEL=      4.0      7.3      5.0      6.1      4.4

*SECNO 9.664

3470 ENCROACHMENT STATIONS=   19146.0   23853.0  TYPE=      1  TARGET=  -19146.000
     9.66     15.10  1027.60     0.00  1027.61  1028.81     1.20      0.99      0.13  1025.50
  190000.     3838.  177828.    8334.     732.    19667.    2502.    10634.     1240.   1026.40
     0.68      5.24     9.04     3.33    0.045    0.033    0.045     0.000  1012.50 19146.00
 0.001974      670.     640.     700.        2        0        0      0.00  2958.78 22104.78

FLOW DISTRIBUTION FOR SECNO=      9.66          CWSEL=   1027.60

STA=   19146.   19255.   21298.   21725.   22105.
  PER Q=      2.0     93.6      3.1      1.3
   AREA=    732.4  19666.7   1613.0    888.5
    VEL=      5.2      9.0      3.6      2.8

*SECNO 9.786

3301 HV CHANGED MORE THAN HVINS

3470 ENCROACHMENT STATIONS=   19200.0   20700.0  TYPE=      1  TARGET=    1500.000
     9.79     15.40  1028.30     0.00  1028.39  1031.04     2.74      1.77      0.46  1027.70
  190000.       95.  189905.       0.       42.    14290.      0.    10910.     1273.   1030.10
     0.69      2.27    13.29     0.00    0.045    0.033    0.000     0.000  1012.90 19200.00
 0.004123      690.     640.     700.        2        0        0      0.00  1484.09 20684.09

FLOW DISTRIBUTION FOR SECNO=      9.79          CWSEL=   1028.30

STA=   19200.   19236.   20692.
  PER Q=      0.0    100.0
   AREA=     41.8  14290.0
    VEL=      2.3     13.3
```

```
   SECNO     DEPTH     CWSEL     CRIWS     WSELK     EG        HV        HL        OLOSS    BANK ELEV
   Q         QLOB      QCH       QROB      ALOB      ACH       AROB      VOL       TWA    LEFT/RIGHT
   TIME      VLOB      VCH       VROB      XNL       XNCH      XNR       WTN       ELMIN       SSTA
   SLOPE     XLOBL     XLCH      XLOBR     ITRIAL    IDC       ICONT     CORAR     TOPWID      ENDST


*SECNO 9.867

3470 ENCROACHMENT STATIONS=   19200.0   20900.0  TYPE=     1  TARGET=    1700.000
     9.87     19.19  1030.29     0.00  1030.19  1032.54     2.25      1.45      0.05  1026.00
  190000.      819.  189181.       0.      185.   15699.       0.    11059.     1287.  1039.60
     0.70     4.44     12.05     0.00    0.045    0.033    0.000     0.000   1011.10 19200.00
 0.002822     410.      430.     430.        3        0        0      0.00   1427.96 20627.96


FLOW DISTRIBUTION FOR SECNO=      9.87          CWSEL=   1030.29

STA=   19200.   19210.   19242.   20870.
  PER Q=      0.1      0.3     99.6
   AREA=     45.6    139.0  15698.8
    VEL=      3.7      4.7     12.1

CCHV=   0.300 CEHV=   0.500
*SECNO 9.996
3280 CROSS SECTION      10.00 EXTENDED       0.22 FEET


3301 HV CHANGED MORE THAN HVINS


3470 ENCROACHMENT STATIONS=   19090.0   20630.0  TYPE=     1  TARGET=    1540.000
    10.00     24.92  1032.62     0.00  1032.30  1034.25     1.63      1.52      0.18  1028.00
 195000.        16.  194984.       0.        9.   19008.       0.    11332.     1311. 100000.00
     0.72     1.77     10.26     0.00    0.045    0.033    0.000     0.000   1007.70 19090.00
 0.001832     650.      680.     700.        2        0        0      0.00   1540.00 20630.00


FLOW DISTRIBUTION FOR SECNO=     10.00          CWSEL=   1032.62

STA=   19090.   19092.   20662.
  PER Q=      0.0    100.0
   AREA=      9.2  19008.4
    VEL=      1.8     10.3

*SECNO 10.055

3265 DIVIDED FLOW
```

23-Oct-85 15:54

```
   SECNO     DEPTH     CWSEL     CRIWS     WSELK     EG        HV        HL        OLOSS    BANK ELEV
   Q         QLOB      QCH       QROB      ALOB      ACH       AROB      VOL       TWA    LEFT/RIGHT
   TIME      VLOB      VCH       VROB      XNL       XNCH      XNR       WTN       ELMIN       SSTA
   SLOPE     XLOBL     XLCH      XLOBR     ITRIAL    IDC       ICONT     CORAR     TOPWID      ENDST


3301 HV CHANGED MORE THAN HVINS

3685 20 TRIALS ATTEMPTED WSEL,CWSEL
3693 PROBABLE MINIMUM SPECIFIC ENERGY
3720 CRITICAL DEPTH ASSUMED

3470 ENCROACHMENT STATIONS=    1381.0     3800.0  TYPE=      1  TARGET=     2419.000
          GR POINTS FROM DESIGN PLANS
    10.05     24.48  1034.48  1034.48  1034.72  1038.87     4.39      1.11     1.38100000.00
  195000.        0.  195000.       0.        0.  11598.       0.     11440.     1321. 100000.00
     0.72      0.00     16.81     0.00     0.000     0.033    0.000     0.000  1010.00  1381.00
 0.009823      240.      310.     260.        20         5        0      0.00  1429.59  3800.00


FLOW DISTRIBUTION FOR SECNO=      10.05          CWSEL=   1034.48

STA=    1381.     3813.
  PER Q=     100.0
   AREA=  11597.8
    VEL=     16.8

*SECNO 10.062

3265 DIVIDED FLOW


3301 HV CHANGED MORE THAN HVINS


3370 NORMAL BRIDGE,NRD=  4 MIN ELTRD= 1043.00 MAX ELLC= 1030.00


3470 ENCROACHMENT STATIONS=    1355.0     3800.0  TYPE=      1  TARGET=     2445.000
          35  TH AVENUE BRIDGE, GR STATIONS FROM DESIGN PLANS
    10.06     27.43  1037.43     0.00  1037.19  1039.78     2.35      0.30     0.61100000.00
  195000.        0.  195000.       0.        0.  15840.       0.     11453.     1323. 100000.00
     0.72      0.00     12.31     0.00     0.000     0.033    0.000     0.000  1010.00  1355.00
 0.005930       40.       40.      40.         6         0        0  -449.08  1709.60  3800.00


FLOW DISTRIBUTION FOR SECNO=      10.06          CWSEL=   1037.43

STA=    1355.     3813.
  PER Q=     100.0
   AREA=  15839.8
    VEL=     12.3
```

```
   SECNO     DEPTH     CWSEL     CRIWS     WSELK     EG        HV        HL        OLOSS    BANK ELEV
   Q         QLOB      QCH       QROB      ALOB      ACH       AROB      VOL       TWA    LEFT/RIGHT
   TIME      VLOB      VCH       VROB      XNL       XNCH      XNR       WTN       ELMIN       SSTA
   SLOPE     XLOBL     XLCH      XLOBR     ITRIAL    IDC       ICONT     CORAR     TOPWID      ENDST

*SECNO 10.204

3301 HV CHANGED MORE THAN HVINS

3470 ENCROACHMENT STATIONS=   19200.0   21300.0  TYPE=      1  TARGET=     2100.000
    10.20     26.77  1040.57     0.00  1040.63  1041.13     0.56      0.81      0.54  1035.90
  195000.     2173.  129184.   63644.     1183.    20275.  12056.   11892.     1356.   1035.10
     0.76      1.84     6.37     5.28     0.045     0.033   0.040     0.000  1013.80 19200.00
 0.000425      750.     750.     850.         3         0       0      0.00  2100.00 21300.00

FLOW DISTRIBUTION FOR SECNO=     10.20          CWSEL=   1040.57

STA=   19200.   19464.   20584.   20862.   21035.   21122.   21218.   21300.
  PER Q=      1.1     66.2      9.2     10.5      5.3      5.1      2.6
   AREA=   1182.6  20274.7   3666.0   3558.7   1789.6   1820.9   1220.7
    VEL=      1.8      6.4      4.9      5.7      5.7      5.5      4.2

CCHV=   0.100 CEHV=   0.300
*SECNO 10.382

3470 ENCROACHMENT STATIONS=   19300.0   21350.0  TYPE=      1  TARGET=     2050.000
    10.38     26.78  1040.98     0.00  1040.97  1041.57     0.60      0.43      0.01  1038.40
  195000.      284.  141291.   53425.      190.    21534.  10475.   12616.     1402.   1037.00
     0.80      1.49     6.56     5.10     0.045     0.033   0.040     0.000  1014.20 19300.00
 0.000474      900.     940.     1000.        2         0       0      0.00  2050.00 21350.00

FLOW DISTRIBUTION FOR SECNO=     10.38          CWSEL=   1040.98

STA=   19300.   19360.   20600.   20796.   20895.   20998.   21081.   21260.   21350.
  PER Q=      0.1     72.5      3.4      6.0      6.8      5.5      4.6      1.1
   AREA=    190.4  21534.5   1821.4   1972.7   2160.3   1740.8   2128.8    651.2
    VEL=      1.5      6.6      3.6      5.9      6.2      6.2      4.2      3.3

*SECNO 10.562

3470 ENCROACHMENT STATIONS=   19099.0   21000.0  TYPE=      1  TARGET=     1901.000
    10.56     24.32  1041.42     0.00  1041.47  1042.01     0.59      0.44      0.00  1037.10
  195000.       20.  194980.       0.       17.    31562.      0.    13311.     1445. 100000.00
     0.84      1.14     6.18     0.00     0.045     0.033   0.000     0.000  1017.10 19099.00
 0.000448      950.     950.     950.         1         0       0      0.00  1901.00 21000.00
```

```
   SECNO     DEPTH     CWSEL     CRIWS     WSELK     EG        HV        HL        OLOSS    BANK ELEV
   Q         QLOB      QCH       QROB      ALOB      ACH       AROB      VOL       TWA    LEFT/RIGHT
   TIME      VLOB      VCH       VROB      XNL       XNCH      XNR       WTN       ELMIN       SSTA
   SLOPE     XLOBL     XLCH      XLOBR     ITRIAL    IDC       ICONT     CORAR     TOPWID      ENDST


FLOW DISTRIBUTION FOR SECNO=     10.56          CWSEL=   1041.42

STA=   19099.   19103.   21010.
  PER Q=      0.0    100.0
   AREA=     17.2  31562.2
    VEL=      1.1      6.2

*SECNO 10.742

3265 DIVIDED FLOW


3470 ENCROACHMENT STATIONS=   19000.0   21372.0  TYPE=     1  TARGET=    2372.000
    10.74     26.94  1041.94      0.00  1041.76  1042.38      0.44      0.36      0.02  1040.70
  195000.       20.  194979.        0.       30.   36632.        1.     14055.     1489.  1041.10
     0.89      0.67     5.32      0.40     0.045     0.033     0.040     0.000   1015.00 19000.00
 0.000323      950.     950.      940.         2         0         0      0.00   2171.24 21372.00

FLOW DISTRIBUTION FOR SECNO=     10.74          CWSEL=   1041.94

STA=   19000.   19024.   21370.   21372.
  PER Q=      0.0    100.0      0.0
   AREA=     30.1  36632.2      1.1
    VEL=      0.7      5.3      0.4

*SECNO 10.890

3470 ENCROACHMENT STATIONS=   19264.0   21407.0  TYPE=     1  TARGET=    2143.000

3495 OVERBANK AREA ASSUMED NON-EFFECTIVE,ELLEA=     1053.40 ELREA=   100000.00

    10.89     28.79  1042.19      0.00  1042.01  1042.63      0.45      0.25      0.00  1053.40
  195000.        0.  195000.        0.        0.   36332.        0.     14709.     1527. 100000.00
     0.93      0.00     5.37      0.00     0.000     0.033     0.000     0.000   1013.40 19281.71
 0.000313      790.     780.      780.         2         0         0      0.00   2045.94 21327.64

FLOW DISTRIBUTION FOR SECNO=     10.89          CWSEL=   1042.19

STA=   19282.   21407.
  PER Q=    100.0
   AREA=  36331.6
    VEL=      5.4
```

```
   SECNO     DEPTH     CWSEL     CRIWS     WSELK     EG        HV        HL        OLOSS    BANK ELEV
   Q         QLOB      QCH       QROB      ALOB      ACH       AROB      VOL       TWA    LEFT/RIGHT
   TIME      VLOB      VCH       VROB      XNL       XNCH      XNR       WTN       ELMIN       SSTA
   SLOPE     XLOBL     XLCH      XLOBR     ITRIAL    IDC       ICONT     CORAR     TOPWID      ENDST


*SECNO 11.036

3470 ENCROACHMENT STATIONS=   19273.0   21420.0  TYPE=     1  TARGET=    2147.000

3495 OVERBANK AREA ASSUMED NON-EFFECTIVE,ELLEA=     1044.70 ELREA=   100000.00

          27 TH  AVENUE EXTENSION,APPROXIMATE CONFL. OF CAVE CREEK
    11.04     28.38  1042.38     0.00  1042.21  1042.98     0.60     0.30     0.05  1044.70
  195000.        0.  195000.       0.        0.   31343.       0.    15307.    1563. 100000.00
     0.97      0.00     6.22     0.00     0.000    0.033    0.000    0.000  1014.00 19282.51
 0.000488     780.     770.     770.         2        0        0     0.00  1983.98 21266.50


FLOW DISTRIBUTION FOR SECNO=     11.04          CWSEL=   1042.38

STA=   19283.   21420.
  PER Q=    100.0
   AREA=  31343.0
    VEL=      6.2
```

THIS RUN EXECUTED 23-Oct-85 15:55

```
*************************************************
  HEC2 RELEASE DATED NOV 76 UPDATED MAY  1984
  ERROR CORR -  01,02,03,04,05,06
  MODIFICATION -  50,51,52,53,54,55,56
*************************************************
```

NOTE- ASTERISK (*) AT LEFT OF CROSS-SECTION NUMBER INDICATES MESSAGE IN SUMMARY OF ERRORS LIST

-YEAR FLOODPLAIN STR

SUMMARY PRINTOUT

	SECNO	Q	SSTA	STCHL	VLOB	VCH	VROB	STCHR	ENDST	TOPWID	CWSEL	DIFWSP
	6.035	190000.00	17893.92	18614.00	4.25	8.78	1.49	20989.00	21295.10	3191.70	993.92	0.00
*	6.035	190000.00	18845.50	18614.00	0.00	14.80	0.00	20989.00	20756.31	1910.81	990.20	-3.72
	6.113	190000.00	17871.68	18485.00	1.70	7.26	1.44	20896.00	21548.20	3676.52	994.90	0.00
	6.113	190000.00	18400.00	18485.00	1.25	8.01	0.00	20896.00	20896.00	2496.00	994.07	-0.83
	6.247	190000.00	17990.84	17921.00	0.00	7.99	1.90	21204.00	21610.65	3372.31	995.80	0.00
	6.247	190000.00	18018.56	17921.00	0.00	8.56	2.41	21204.00	21250.00	2906.28	995.29	-0.51
	6.378	190000.00	17825.98	17791.00	0.00	6.63	0.00	21628.00	21587.28	3761.30	997.30	0.00
	6.378	190000.00	17831.22	17791.00	0.00	6.84	0.00	21628.00	21585.80	3754.59	997.08	-0.22
	6.550	190000.00	17650.00	17669.00	2.99	7.64	0.00	21135.00	21117.26	3299.42	998.66	0.00
	6.550	190000.00	17650.00	17669.00	3.00	7.74	0.00	21135.00	21116.66	3292.87	998.56	-0.10
	6.727	190000.00	16865.68	17639.00	3.38	7.06	1.68	20952.00	20967.90	4102.22	1000.49	0.00
	6.727	190000.00	17600.00	17639.00	1.38	7.48	0.00	20952.00	20952.00	3352.00	1000.43	-0.06
	6.863	190000.00	16778.73	17806.00	2.75	6.65	1.84	20862.00	20942.56	4163.83	1001.57	0.00
	6.863	190000.00	17750.00	17806.00	2.15	6.91	0.00	20862.00	20862.00	3112.00	1001.65	0.08
	7.031	190000.00	16575.48	17767.00	2.47	8.03	2.10	20880.00	21155.00	4579.52	1002.77	0.00
	7.031	190000.00	17700.00	17767.00	3.59	8.12	0.00	20880.00	20850.00	3150.00	1002.91	0.15
	7.207	190000.00	16576.99	18185.00	1.61	7.26	0.00	21187.00	21187.00	4050.31	1004.49	0.00
	7.207	190000.00	18150.05	18185.00	1.52	7.24	0.00	21187.00	21187.00	2749.49	1004.66	0.17
	7.353	190000.00	16671.01	18329.00	1.67	8.62	2.79	21045.00	21367.25	3813.38	1005.56	0.00
	7.353	190000.00	18300.00	18329.00	0.36	8.65	1.51	21045.00	21050.00	2687.75	1005.68	0.13
	7.501	190000.00	16691.80	18362.00	1.09	8.30	2.07	21092.00	21315.34	4172.82	1007.26	0.00
	7.501	190000.00	18300.00	18362.00	0.98	8.23	2.74	21092.00	21100.00	2712.60	1007.40	0.13

SECNO	Q	SSTA	STCHL	VLOB	VCH	VROB	STCHR	ENDST	TOPWID	CWSEL	DIFWSP
7.653	190000.00	16831.47	18466.00	2.69	8.75	1.14	20794.00	21012.22	4078.34	1008.78	0.00
7.653	190000.00	18450.00	18466.00	3.48	8.96	1.66	20794.00	20800.00	2350.00	1008.85	0.06
7.839	190000.00	16623.80	18855.00	4.70	6.88	0.00	20965.00	20899.15	4215.36	1010.78	0.00
7.839	190000.00	18600.00	18855.00	7.18	8.55	0.00	20965.00	20902.43	2246.12	1010.84	0.06
7.943	190000.00	19023.36	18960.00	0.00	11.14	0.00	21125.00	21007.76	1943.21	1010.83	0.00
7.943	190000.00	18999.32	18960.00	0.00	10.22	0.00	21125.00	20986.00	1986.68	1011.62	0.78
8.022	190000.00	18855.22	19367.00	4.19	7.80	1.68	21069.00	21160.00	2287.63	1012.86	0.00
8.022	190000.00	19350.00	19367.00	2.00	8.34	0.78	21069.00	21100.00	1750.00	1012.99	0.13
8.041	190000.00	19429.65	19297.00	0.00	7.91	0.00	21045.00	21024.76	1595.11	1012.91	0.00
8.041	190000.00	19429.11	19297.00	0.00	7.72	0.00	21045.00	21025.94	1596.84	1013.28	0.37
8.051	190000.00	16888.06	19297.00	1.65	7.59	0.00	21045.00	21025.10	3723.44	1013.01	0.00
8.051	190000.00	19429.10	19297.00	0.00	7.71	0.00	21045.00	21025.96	1596.86	1013.28	0.27
8.070	190000.00	17022.77	19221.00	1.46	8.48	1.85	21141.00	22640.10	4330.37	1013.00	0.00
8.070	190000.00	19200.00	19221.00	1.62	8.43	1.77	21141.00	21150.00	1950.00	1013.29	0.29
8.155	190000.00	17070.29	19098.00	1.70	9.93	0.00	21433.00	21390.71	3207.49	1013.56	0.00
8.155	190000.00	19141.00	19098.00	0.00	9.74	0.00	21433.00	21392.79	2251.79	1013.84	0.28
8.320	190000.00	17339.22	19306.00	1.76	8.16	0.00	22028.00	21877.36	4517.85	1016.07	0.00
8.320	190000.00	19100.00	19306.00	2.13	8.18	0.00	22028.00	21880.13	2762.08	1016.18	0.11
8.456	190000.00	17427.76	19077.00	1.04	6.90	0.00	22225.00	22145.86	4164.90	1017.44	0.00
8.456	190000.00	19084.00	19077.00	0.00	6.83	0.00	22225.00	22146.06	3062.06	1017.57	0.13
8.609	190000.00	18952.81	18952.00	0.00	7.67	0.00	22189.00	22021.83	3069.02	1018.54	0.00
8.609	190000.00	18952.54	18952.00	0.00	7.59	0.00	22189.00	22023.15	3070.60	1018.62	0.09
8.719	190000.00	18526.37	18500.00	0.00	6.91	2.26	21504.00	22127.48	3601.12	1019.60	0.00
8.719	190000.00	18663.00	18500.00	0.00	6.92	2.20	21504.00	22127.76	3464.76	1019.62	0.02
8.852	190000.00	18544.12	18390.00	0.00	9.03	0.00	20998.00	20928.66	2384.54	1020.36	0.00
8.852	190000.00	18544.15	18390.00	0.00	9.05	0.00	20998.00	20928.59	2384.44	1020.34	-0.01
8.983	190000.00	18411.93	18270.00	0.00	9.72	0.00	20743.00	20697.97	2286.04	1021.89	0.00
8.983	190000.00	18411.95	18270.00	0.00	9.73	0.00	20743.00	20697.94	2285.99	1021.89	-0.01
9.098	190000.00	18316.71	18608.00	0.11	7.57	1.82	21048.00	21803.41	3346.53	1023.63	0.00
9.098	190000.00	18579.00	18608.00	0.10	7.58	1.82	21048.00	21803.15	3083.04	1023.62	0.00
9.259	190000.00	18660.14	19065.00	0.74	8.08	5.54	20898.00	21844.19	3140.98	1024.72	0.00
9.259	190000.00	19100.00	19065.00	0.00	8.14	5.54	20898.00	21843.87	2700.71	1024.71	-0.01
9.384	190000.00	18840.07	19242.00	1.03	6.87	6.18	20748.00	22752.60	3610.68	1025.95	0.00
9.384	190000.00	19188.00	19242.00	1.10	6.87	6.18	20748.00	22752.63	3290.55	1025.95	0.00

	SECNO	Q	SSTA	STCHL	VLOB	VCH	VROB	STCHR	ENDST	TOPWID	CWSEL	DIFWSP
	9.543	190000.00	18968.19	19317.00	3.54	7.32	5.19	21563.00	22132.04	3148.96	1026.91	0.00
	9.543	190000.00	19165.00	19317.00	4.01	7.32	5.19	21563.00	22132.08	2967.08	1026.91	0.00
	9.664	190000.00	18991.20	19255.00	4.75	8.99	3.31	21298.00	22104.87	3113.67	1027.61	0.00
	9.664	190000.00	19146.00	19255.00	5.24	9.04	3.33	21298.00	22104.78	2958.78	1027.60	0.00
	9.786	190000.00	18960.03	19236.00	5.39	12.79	0.80	20692.00	20762.93	1746.60	1028.39	0.00
	9.786	190000.00	19200.00	19236.00	2.27	13.29	0.00	20692.00	20684.09	1484.09	1028.30	-0.10
	9.867	190000.00	18948.60	19242.00	5.44	11.77	0.00	20870.00	20627.55	1637.75	1030.19	0.00
	9.867	190000.00	19200.00	19242.00	4.44	12.05	0.00	20870.00	20627.96	1427.96	1030.29	0.10
	9.996	195000.00	19004.33	19092.00	3.35	10.41	1.10	20662.00	20929.00	1821.09	1032.30	0.00
	9.996	195000.00	19090.00	19092.00	1.77	10.26	0.00	20662.00	20630.00	1540.00	1032.62	0.32
*	10.055	195000.00	1363.93	1350.00	0.00	16.46	0.00	3813.00	3770.00	1443.69	1034.72	0.00
*	10.055	195000.00	1381.00	1350.00	0.00	16.81	0.00	3813.00	3800.00	1429.59	1034.48	-0.24
	10.062	195000.00	1400.00	1350.00	0.00	12.79	0.00	3813.00	3770.00	1615.23	1037.19	0.00
	10.062	195000.00	1355.00	1350.00	0.00	12.31	0.00	3813.00	3800.00	1709.60	1037.43	0.23
	10.204	195000.00	18092.84	19464.00	1.77	6.00	4.93	20584.00	21355.00	3262.16	1040.63	0.00
	10.204	195000.00	19200.00	19464.00	1.84	6.37	5.28	20584.00	21300.00	2100.00	1040.57	-0.06
	10.382	195000.00	18530.00	19360.00	2.03	6.33	4.92	20600.00	21350.70	2820.70	1040.97	0.00
	10.382	195000.00	19300.00	19360.00	1.49	6.56	5.10	20600.00	21350.00	2050.00	1040.98	0.01
	10.562	195000.00	18430.00	19103.00	1.84	5.36	3.86	21010.00	21369.63	2939.63	1041.47	0.00
	10.562	195000.00	19099.00	19103.00	1.14	6.18	0.00	21010.00	21000.00	1901.00	1041.42	-0.05
	10.742	195000.00	18568.00	19024.00	0.60	5.38	0.32	21370.00	21372.25	2516.13	1041.76	0.00
	10.742	195000.00	19000.00	19024.00	0.67	5.32	0.40	21370.00	21372.00	2171.24	1041.94	0.18
	10.890	195000.00	19281.97	19264.00	0.00	5.42	0.00	21407.00	21325.51	2043.54	1042.01	0.00
	10.890	195000.00	19281.71	19264.00	0.00	5.37	0.00	21407.00	21327.64	2045.94	1042.19	0.17
	11.036	195000.00	19283.20	19273.00	0.00	6.29	0.00	21420.00	21265.29	1982.09	1042.21	0.00
	11.036	195000.00	19282.51	19273.00	0.00	6.22	0.00	21420.00	21266.50	1983.98	1042.38	0.17

SUMMARY OF ERRORS AND SPECIAL NOTES

```
CAUTION  SECNO=     6.035  PROFILE= 2  CRITICAL DEPTH ASSUMED

CAUTION  SECNO=    10.055  PROFILE= 1  CRITICAL DEPTH ASSUMED
CAUTION  SECNO=    10.055  PROFILE= 1  PROBABLE MINIMUM SPECIFIC ENERGY
CAUTION  SECNO=    10.055  PROFILE= 1  20 TRIALS ATTEMPTED TO BALANCE WSEL
CAUTION  SECNO=    10.055  PROFILE= 2  CRITICAL DEPTH ASSUMED
CAUTION  SECNO=    10.055  PROFILE= 2  PROBABLE MINIMUM SPECIFIC ENERGY
CAUTION  SECNO=    10.055  PROFILE= 2  20 TRIALS ATTEMPTED TO BALANCE WSEL
```

211993 NCR Systemedia

FLOODWAY DATA, -YEAR FLOODPLAIN STR
PROFILE NO. 2

STATION	FLOODWAY WIDTH	FLOODWAY SECTION AREA	FLOODWAY MEAN VELOCITY	WATER SURFACE ELEVATION WITH FLOODWAY	WITHOUT FLOODWAY	DIFFERENCE
6.035	1911.	12836.	14.8	990.3	993.9	-3.6
6.113	2496.	23776.	8.0	994.2	994.9	-0.7
6.247	3231.	22252.	8.5	995.4	995.8	-0.4
6.378	3755.	27794.	6.8	997.2	997.3	-0.1
6.550	3467.	24577.	7.7	998.7	998.7	0.0
6.727	3352.	25426.	7.5	1000.5	1000.5	0.0
6.863	3112.	27610.	6.9	1001.7	1001.6	0.1
7.031	3150.	23529.	8.1	1002.9	1002.8	0.1
7.207	3037.	26300.	7.2	1004.7	1004.5	0.2
7.353	2750.	21968.	8.6	1005.7	1005.6	0.1
7.501	2800.	23132.	8.2	1007.4	1007.3	0.1
7.653	2350.	21251.	8.9	1008.9	1008.8	0.1
7.839	2302.	22625.	8.4	1010.9	1010.8	0.1
7.943	1987.	18595.	10.2	1011.6	1010.8	0.8
8.022	1750.	22823.	8.3	1013.0	1012.9	0.1
8.041	1597.	24623.	7.7	1013.3	1012.9	0.4
8.051	1597.	24631.	7.7	1013.3	1013.0	0.3
8.070	1950.	22575.	8.4	1013.3	1013.0	0.3
8.155	2252.	19507.	9.7	1013.9	1013.6	0.3
8.320	2780.	23508.	8.1	1016.2	1016.1	0.1
8.456	3062.	27803.	6.8	1017.5	1017.4	0.1
8.609	3071.	25022.	7.6	1018.6	1018.5	0.1
8.719	3465.	28326.	6.7	1019.6	1019.6	0.0
8.852	2384.	21002.	9.0	1020.4	1020.4	0.0
8.983	2286.	19524.	9.7	1021.9	1021.9	0.0
9.098	3224.	25620.	7.4	1023.6	1023.6	0.0
9.259	2744.	25295.	7.5	1024.7	1024.7	0.0
9.384	3565.	29326.	6.5	1026.0	1026.0	0.0
9.543	2967.	27572.	6.9	1026.9	1026.9	0.0
9.664	2959.	22901.	8.3	1027.6	1027.6	0.0
9.786	1484.	14332.	13.3	1028.4	1028.4	0.0
9.867	1428.	15883.	12.0	1030.3	1030.2	0.1
9.996	1540.	19018.	10.3	1032.6	1032.3	0.3
10.055	2419.	11598.	16.8	1034.6	1034.7	-0.1
10.062	2445.	15840.	12.3	1037.4	1037.2	0.2
10.204	2100.	33513.	5.8	1040.6	1040.6	0.0
10.382	2050.	32200.	6.1	1041.0	1041.0	0.0
10.562	1901.	31579.	6.2	1041.5	1041.5	0.0
10.742	2372.	36663.	5.3	1042.0	1041.8	0.2
10.890	2046.	36332.	5.4	1042.2	1042.0	0.2
11.036	1984.	31343.	6.2	1042.4	1042.2	0.2

THIS RUN EXECUTED 23-Oct-85 15:55

```
*************************************************
  HEC2 RELEASE DATED NOV 76 UPDATED MAY  1984
  ERROR CORR -  01,02,03,04,05,06
  MODIFICATION -  50,51,52,53,54,55,56
*************************************************
```

APPENDIX 4

FLUVIAL-11

WITH BORROW PITS

INSTRUCTIONS FOR USERS OF FLUVIAL PROGRAMS

I. INPUT DESCRIPTION

The HEC-2 format for input data is used in all versions of the FLUVIAL model. Data cards for HEC-2 pertaining to cross-sectional geometry (X1 and GR), job title (T1, T2, and T3), and end of job (EJ), are used in the FLUVIAL model. If a HEC-2 data deck is available, it is not necessary to delete the unused cards except that the information they contain are not used in the computation. For the purpose of flood- and sediment-routing, additional data pertaining to sediment characteristics, flood hydrograph, etc., are required and supplied buy other data cards. Sequential arrangements of data cards are shown in the following table.

Cards	Description of Card Type
T1, T2, T3	Title Cards
G1	General Use Card
G2	General Use Cards for Hydrographs
G3	General Use Card for Downstream Boundary Condition
GS	General Use Cards for Initial Sediment Compositions
X1	Cross-sectional card
G4	Card for Specifying Special Features of a Cross section
GR	Card for Ground Profile of a Cross section
EJ	End of Job Card

Variable locations for each input card are shown by the field number. Each card has an input format of (A2, F6.Ø, 9F8.Ø). Field Ø occupying columns 1 and 2 are reserved for the required card identification characters. Field 1 occupies columns 3 to 8; Fields 2 to 1Ø occupy 8 columns each. The data cards are first tabulated and then described in the following pages.

T1, T2, T3 Cards

These three cards are title cards for output title; all three cards are required for each job.

Field	Variable	Value	Description
Ø	IA	T1	Card identification character.
1-1Ø	None		Numbers and alphameric characters for title.

G1 Card

This card is required for each job, used to enter the general parameters.

Field	Variable	Value	Description
Ø	IA	G1	Card identification characters
1	TYME	+	Starting time of computation on the hydrograph, in hours.
2	ETIME	+	Ending time of computation on the hydrograph, in hours.
3	DTMAX	+	Maximum time increment Δt allowed, in seconds.
4	ISED	1	Graf's sediment discharge equation is used.
		2	Yang's unit stream power equation for bed material load is used. The sediment sizes must be between Ø.Ø6 and 7mm.
		3	Other sediment load equation is used. The equation selected needs to be supplied to the program.
5	DFB	+	Median sediment size of bank material, in mm.
6	PHI	+	Angle of repose of bed-material, in degrees.
7	ANN	+	Manning's "n" value for the reach. This value is used for a section unless otherwise specified by Field 4 of the G4 card.
8	PTIME1	+	Starting time of the period in which output are printed at a greater frequency.
9	PTIME2	+	Ending time of the period in which output are printed at a greater

			frequency.
10	KPFNM	+	Frequency of printing the output, in number of time steps.

G2 Cards

These cards are required for each job, used to define the flood hydrograph(s) in the channel reach. The first G2 card is used to define the spatial variation in flood discharge along the reach; the succeeding ones are employed to define the time variation(s) of the flood discharge.

Field	Variable	Value	Description
First G2			
0	IA	G2	Card identification characters.
1	IHP1	+	Number of last section using the first hydrograph. The number of section is counted from downstream to upstream with the downstream section being one.
2	NP1	+	Number of points connected by straight segments used to approximate the first hydrograph. The maximum value is 10.
3	IHP2	+ 0	Number of last section using the second hydrograph if any. Otherwise leave it blank.
4	NP2	+ 0	Number of points used to approximate the second hydrograph. The maximum value is 10.
5	IHP3	+ 0	Number of last section using the third hydrograph if any. Otherwise leave it blank.
6	NP3	+ 0	Number of points used to approximate the third hydrograph. The maximum value is 10.
Succeeding G2 card(s)			
1	Q1(1), Q2(1) Q3(1)	+	Discharge coordinate of point 1 for each hydrograph, in cfs.
2	TM1(1), TM2(1), TM3(1)	+	Time coordinate of point 1 for each hydrograph, in hours.
3	Q1(2), Q2(2)	+	Discharge coordinate of point 2 for

	Q3(2)		each hydrograph, in cfs.
4	TM1(2), TM2(2) TM3(2)	+	Time coordinate of point 2 for each hydrograph, in hours.

Continue with additional discharge and time coordinates.

G3 Card

This is a required card for each job used to define the channel slope at the downstream section. This slope is required for the stage-discharge relation at the section; it should be measured from the topographic map.

Field	Variable	Value	Description
Ø	IA	G3	Card identification characters.
1	S11	+	Slope of the downstream section.
2	ZMIN1	+	Minimum elevation (invert elevation) at the downstream section contained in the GR card, in feet.
3	DSOP	Ø	Downstream slope is allowed to vary during flow.
		1	Downstream slope is a constant as S11.
4	TEMP	Ø	Water temperature is 15°C.
		+	Water temperature in degrees Celsius.

GS Card

Two GS cards are required for each job, used to specify initial sediment compositions in the channel at the upstream and downstream cross sections. Sediment composition at each section is represented by five size fractions.

Field	Variable	Value	Description
Ø	IA	GS	Card identification characters.
1	DFF(1)	+	Median diameter of bed materials for the smallest size fraction in mm.
2	PC(1)	+	Fraction of bed materials in this size range.

Continue for other DFF's and PC's.

X1 Card

This card is required for each cross section (100 cross sections can be used for each channel reach); it is used to specify the cross-sectional geometry and program options applicable to that cross-section.

Field	Variable	Value	Description
0	IA	X1	Card identification characters.
1	SECNO(I)	+	Original section number from the map.
2	NP(I)	+	Total number of stations or points on the next GR cards for cross section I.
3	STCHL(I)	+	Station of the left bank of the channel. Must be equal to one of the Y(I,J) on next GR cards.
4	STCHR(I)	+	Station of the right bank of the channel. Must be equal to one of the Y(I,J) one next GR cards.
7	DX(I)	+	Length of reach between current cross section I and the next downstream cross section I-1 for the channel, in feet.

G4 Card

This is an optional card used to specify special features of a cross section.

Field	Variable	Value	Description
0	IA	G4	Card identification character.
1	YC1(I)	0	Regular erodible left bank.
		+	Station of rigid left bank, to the left of which channel is non-erodible.
2	YC2(I)	0	Regular erodible right bank.
		+	Station of rigid right bank to the right of which channel is non-erodible.
3	RAD(I)	0	Straight channel without curvature.
		+	Radius of curvature at channel centerline. Center of radius is on same side where station Y starts.

		-	Radius of curvature at channel centerline. Center of radius is on opposite side of zero station.
4	AN(I)	Ø	Channel roughness is the same as the reach.
		+	Manning's "n" value for this section.
5	CPC(I)	Ø	Center of thalweg coincides with the channel invert.
		+	Horizontal coordinate of the center of thalweg, in feet.
6	IRC(IC)	Ø	Regular erodible cross section.
		+	Rigid or non-erodible cross section such as a drop structure or a road crossing.

GR Card

This card specifies the elevation and station of each point for a digitized cross section; it is required for each X1 card.

Field	Variable	Value	Description
Ø	IA	GR	Card identification characters.
1	Z(I,1)	±	Elevation of point 1 at station Y(I,1), in feet. May be positive or negative.
2	Y(I,1)	±	Station of point 1, in feet.
3	Z(I,2)	±	Elevation of point 2 at station Y(I,2), in feet.
4	Y(I,2)	±	Station of point 2, in feet.

Continue with additional GR cards using up to 5Ø points to describe the cross section. Stations should be in increasing order. Cross section number I is counted from downstream to upstream with the number of the downstream section as 1.

EJ Card

This card is required following the last cross section for each job. Each group of cards beginning with T1 card is considered as a job.

Field	Variable	Value	Description
Ø	KA	EJ	Card identification characters.

1-10 Not used.

II. OUTPUT DESCRIPTION

Output of the model include initial bed-material compositions, time and spatial variations of the water-surface profile, channel width, flow depth, flood discharge, velocity, energy gradient, roughness coefficient, median sediment size, and bed-material discharge. In addition, cross-sectional profiles are printed at different time intervals.

Symbols used in the output are generally descriptive, some of them are defined below:

SEC NO	Number of a cross-section.
TIME	Time on the hydrograph.
DT	Size of the time step or t.
W.S.ELEV	Water-surface elevation
WIDTH	Width of channel flow.
DEPTH	Depth of flow measured from channel invert to the water-surface elevation.
Q	Discharge of flow.
V	Mean velocity at a cross-section.
SLOPE	Energy gradient.
D50	Median bed-material size or d_{50} in the active layer.
QS	Bed-material discharge for all sediment-size fraction.
FR	Froude number at a cross section.
WSEL	Water-surface elevation, in feet.
Z	Vertical coordinate (elevation) of a point on channel boundary of a cross-section, in feet.
Y	Horizontal coordinate (station) of a point on channel boundary of a cross-section, in feet.
DZ	Change in elevation during the current time step, in feet.
TDZ	Total or accumulated change in elevation, in feet.

III. TIPS FOR INPUT PREPARATION

1. The computing time of this program is affected by the reach length between two adjacent cross sections, DX. Very small reach lengths which may result in excessive computing time should be avoided. In HEC-2, a downstream section and an upstream section are usually used at each bridge, but these two sections should be combined into one, if possible, for FLUVIAL application.

2. The GR points used to define the ground profile should be selected to provide an accurate definition of the initial profile. As such, sufficient points should be used for each cross section. Also, large spacing between adjacent points should be avoided even if there is no difference in initial elevation.

3. The number of GR points used in defining the ground profile also affects the computing time because these points are executed a great number of times during each run. Points that are definitely outside the flow channel and above the water level should be deleted during initial editing. However, because of the possibility for bank erosion, there should be sufficient points to cover any such potential changes. Ineffective flow areas should be excluded from the GR points.

4. Sediments with a grain size less than 0.07mm constitute the wash load and should be excluded in the size-fraction data on the GS lines.

5. The median size of bank material, DFB in Field 5 of Line G1, is a control for the rate of channel widening. A larger DFB value slows down widening. This value should be calibrated against field data whenever possible.

6. The radius of curvature, RAD(I) in Field 3 of Line G4, may be specified only if the concave bank is non-erodible. In using this variable, the GR stations should be approximately equally spaced in the erodible part of channel.

IV. LIABILITY

This program is developed and furnished by Howard H. Chang and is accepted and used by the recepient upon the express understanding that the developer makes no warranties, expressed or implied, concerning the accuracy, completeness, reliability, usability, or suitability for any particular purpose of the information and data contained in this program or furnished in connection therewith, and the developer shall be under no liability whatsoever to any person by reason of any use made thereof.

With borrow pits
With bank protection

```
*****************************
*     FLUVIAL11- SEDIMENT   *
*     TRANSPORT ANALYSIS    *
*****************************
```

THIS PROGRAM IS DEVELOPED AND FURNISHED BY HOWARD H. CHANG AND IS ACCEPTED AND USED BY THE RECIPIENT UPON THE EXPRESS UNDERSTANDING THAT THE DEVELOPER MAKES NO WARRANTIES, EXPRESS OR IMPLIED, CONCERNING THE ACCURACY, COMPLETENESS, RELIABILITY, USABILITY, OR SUITABILITY FOR ANY PARTICULAR PURPOSE OF THE INFORMATION AND DATA CONTAINED IN THIS PROGRAM OR FURNISHED IN CONNECTION THEREWITH, AND THE DEVELOPER SHALL BE UNDER NO LIABILITY WHATSOEVER TO ANY PERSON BY REASON OF ANY USE MADE THEREOF.

```
T1     SALT RIVER WITH EXISTING GRAVEL PITS
T2    FRANK AND ERNEST
T3    OCTOBER 1985
G1      51.00    170.00   2400.00      1.00     20.00     36.00      0.03    110.00    111.00     30.00
G2      29.00     10.00     39.00     10.00      0.00      0.00      0.00      0.00      0.00      0.00
G2 23000.00      50.00  70000.00     75.00165000.00    100.00190000.00    110.00190000.00    111.00
G2135000.00     125.00  60000.00    150.00 30000.00    175.00 13000.00    200.00 10000.00    225.00
G2 23600.00      50.00  71800.00     75.00169000.00    100.00195000.00    110.00195000.00    111.00
G2139000.00     125.00  61600.00    150.00 30800.00    175.00 13300.00    200.00 10300.00    225.00
G3       0.00     978.80      0.00      0.00      0.00      0.00      1.00      0.00      0.00      0.00
GS       0.20       0.10      1.10      0.20      5.50      0.20     16.70      0.20     53.00      0.30
GS       0.25       0.10      1.50      0.20      5.90      0.20     17.80      0.20     55.00      0.30
X1       6.03      35.00  18614.00  20989.00    880.00    940.00    210.00      0.00      0.00      0.00
GR     994.40  16401.00    996.30  17000.00    998.00  17578.00    997.10  17648.00    996.00  17689.00
GR     993.30  17955.00    992.10  18369.00    981.50  18512.00    999.10  18614.00    995.70  18757.00
GR     991.60  18841.00    978.80  18882.00    978.80  19179.00    980.70  19226.00    979.60  19260.00
GR     984.10  19325.00    983.10  19480.00    982.40  19639.00    982.70  19832.00    979.20  19923.00
GR     979.20  20000.00    979.20  20072.00    983.60  20097.00    987.20  20172.00    986.90  20200.00
GR     988.70  20388.00    988.10  20659.00    990.90  20789.00    992.00  20989.00    993.60  21199.00
GR     996.70  22130.00    997.90  22370.00    999.70  22452.00   1002.90  23153.00   1004.80  23600.00
ET       0.00       4.10      9.10  17594.00      0.00      0.00      0.00      0.00  18400.00  20896.00
X1       6.11      38.00  18485.00  20896.00    580.00    330.00    410.00      0.00      0.00      0.00
GR     994.90  16209.00    996.10  16733.00    996.80  16900.00    997.50  17488.00    998.30  17594.00
GR     997.70  17610.00    995.50  17838.00    992.50  18006.00    993.10  18393.00    993.10  18485.00
GR     979.60  18579.00    979.60  18856.00    983.50  18948.00    982.90  19276.00    982.90  19373.00
GR     986.00  19418.00    982.90  19526.00    984.00  19709.00    979.70  20000.00    978.90  20100.00
GR     982.00  20149.00    988.50  20175.00    988.40  20339.00    988.30  20483.00    983.70  20523.00
GR     987.50  20568.00    990.10  20650.00    990.50  20753.00    989.30  20828.00    991.90  20896.00
GR     995.90  21766.00    998.10  22313.00   1000.70  22362.00   1005.60  23502.00   1007.30  23537.00
GR    1006.10  23573.00   1006.20  23982.00   1007.40  24600.00
ET       0.00       4.10      9.10  17381.00      0.00      0.00      0.00      0.00  17980.00  21250.00
X1       6.25      55.00  17921.00  21204.00    850.00    520.00    710.00      0.00      0.00      0.00
GR     996.90  13703.00    998.90  13716.00    999.60  13751.00    998.00  13782.00    994.30  14097.00
GR     994.30  14125.00    996.00  14164.00    995.50  14657.00    994.90  14694.00    995.30  14833.00
GR     996.40  15647.00    996.70  16061.00    998.40  16600.00    998.50  17299.00    999.90  17381.00
GR     998.40  17430.00    997.10  17921.00    993.70  18104.00    993.50  18243.00    984.10  18284.00
GR     982.30  18363.00    979.20  18385.00    979.20  18610.00    983.20  18662.00    984.80  18954.00
GR     989.30  19189.00    989.50  19382.00    986.50  19425.00    989.50  19458.00    992.10  19633.00
GR     989.70  19714.00    986.10  19785.00    988.70  19958.00    980.40  19983.00    980.40  20000.00
GR     983.50  20112.00    988.90  20260.00    982.30  20286.00    982.40  20344.00    992.30  20373.00
GR     989.70  20438.00    992.00  20506.00   1000.40  20569.00    996.30  20593.00    996.00  20735.00
GR     995.50  20854.00    991.50  20888.00    994.70  20945.00    992.00  21048.00    993.20  21204.00
GR     994.80  21405.00    998.10  22082.00   1001.70  22122.00   1000.70  22175.00   1005.60  23314.00
ET       0.00       0.00      9.10      0.00      0.00      0.00      0.00      0.00  17823.00  21628.00
X1       6.38      50.00  17791.00  21628.00    820.00    730.00    690.00      0.00      0.00      0.00
GR     998.40  14420.00    996.00  14450.00    998.00  14510.00    997.60  15547.00    997.60  15799.00
GR     998.10  16400.00    999.60  16860.00   1000.00  17163.00    998.80  17791.00    995.20  17875.00
GR     995.20  17968.00    988.10  18005.00    988.00  18210.00    985.90  18256.00    989.90  18298.00
GR     988.90  18477.00    981.20  18538.00    981.20  18753.00    984.80  18852.00    986.70  19145.00
```

GR	988.10	19470.00	991.30	19712.00	991.60	19851.00	989.90	19984.00	988.50	20000.00
GR	984.30	20169.00	984.30	20404.00	994.80	20448.00	995.70	20564.00	996.00	20655.00
GR	993.70	20809.00	996.10	20917.00	996.10	20985.00	992.70	21025.00	995.90	21080.00
GR	994.80	21159.00	992.50	21200.00	994.80	21263.00	995.20	21350.00	992.70	21401.00
GR	994.50	21436.00	993.30	21561.00	1003.50	21628.00	1002.70	21772.00	998.90	21817.00
GR	1003.30	21850.00	1003.20	21919.00	1001.60	21929.00	1006.50	23090.00	1008.00	23146.00
ET	0.00	9.10	9.10	0.00	0.00	0.00	0.00	0.00	17650.00	21135.00
X1	6.55	39.00	17669.00	21135.00	770.00	780.00	910.00	0.00	0.00	0.00
GR	999.90	16200.00	1001.60	16844.00	1001.60	16965.00	999.50	17032.00	993.20	17094.00
GR	995.20	17669.00	990.30	17703.00	993.60	18296.00	986.70	18360.00	985.60	18509.00
GR	994.30	18578.00	999.10	18753.00	993.20	18770.00	993.10	18825.00	997.10	18899.00
GR	993.70	18964.00	998.90	19047.00	1000.70	19185.00	986.50	19247.00	986.70	19600.00
GR	986.70	19784.00	988.50	19892.00	990.80	20000.00	993.90	20054.00	991.90	20345.00
GR	985.60	20462.00	985.60	20599.00	994.00	20696.00	994.50	20879.00	996.80	21106.00
GR	1001.60	21135.00	999.20	21142.00	1000.90	21235.00	1002.00	21440.00	1005.60	22834.00
GR	1009.30	22860.00	1007.40	22921.00	1006.80	22986.00	1009.30	23900.00		
ET	0.00	4.10	9.10	16589.00	0.00	0.00	0.00	0.00	17600.00	20952.00
X1	6.73	45.00	17639.00	20952.00	925.00	915.00	935.00	0.00	0.00	0.00
GR	1001.70	16658.00	1000.70	16863.00	996.50	16917.00	998.70	17096.00	990.30	17210.00
GR	996.80	17253.00	996.10	17370.00	999.70	17639.00	991.30	17662.00	996.00	17970.00
GR	998.70	18006.00	997.50	18121.00	993.60	18146.00	992.70	18294.00	988.80	18420.00
GR	994.50	18476.00	986.80	18529.00	987.50	18629.00	989.70	18666.00	988.90	18730.00
GR	996.00	18884.00	994.10	19030.00	998.00	19088.00	1000.10	19300.00	997.10	19416.00
GR	995.50	19602.00	992.30	19762.00	989.60	19798.00	991.10	19974.00	991.30	20000.00
GR	987.30	20144.00	987.30	20657.00	999.30	20719.00	993.10	20770.00	993.60	20856.00
GR	997.60	20896.00	997.60	20952.00	1003.60	20985.00	1001.30	21026.00	1002.70	21217.00
GR	1005.40	22559.00	1007.70	22586.00	1007.80	22630.00	1005.80	22668.00	1009.20	23600.00
ET	0.00	0.00	9.10	0.00	0.00	0.00	0.00	0.00	17750.00	20862.00
X1	6.86	49.00	17806.00	20862.00	815.00	760.00	715.00	0.00	0.00	0.00
X3	10.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GR	1004.10	16520.00	1004.10	16521.00	1004.10	16522.00	1004.10	16523.00	1004.10	16528.00
GR	1001.50	16786.00	998.30	17005.00	997.10	17125.00	996.30	17308.00	993.60	17353.00
GR	997.60	17405.00	1000.80	17599.00	998.80	17806.00	993.90	17825.00	994.80	17977.00
GR	992.70	18058.00	1000.10	18086.00	999.70	18190.00	990.90	18225.00	992.00	18504.00
GR	987.60	18527.00	987.60	18597.00	995.10	18633.00	989.90	18656.00	995.50	18685.00
GR	996.80	18890.00	989.60	18935.00	991.30	19052.00	992.70	19100.00	998.90	19346.00
GR	997.70	19518.00	994.10	19547.00	995.30	19714.00	994.70	19835.00	990.80	20000.00
GR	989.20	20099.00	989.20	20226.00	991.50	20322.00	987.70	20421.00	986.90	20837.00
GR	997.70	20862.00	1001.20	20925.00	1002.90	21005.00	1001.60	21028.00	1005.00	22316.00
GR	1007.30	22342.00	1006.90	22399.00	1008.10	22701.00	1009.60	23500.00		
ET	0.00	4.10	9.10	0.00	21183.00	0.00	0.00	0.00	17700.00	20850.00
X1	7.03	65.00	17767.00	20880.00	920.00	800.00	890.00	0.00	0.00	0.00
GR	1004.20	16215.00	1000.20	17221.00	1001.80	17542.00	998.30	17635.00	1000.30	17686.00
GR	997.70	17737.00	1002.40	17767.00	1000.90	18051.00	1001.40	18175.00	996.40	18212.00
GR	993.70	18275.00	996.80	18339.00	991.00	18402.00	992.00	18531.00	993.80	18619.00
GR	998.40	18696.00	997.70	18832.00	995.40	18855.00	996.40	18938.00	996.20	19020.00
GR	997.80	19048.00	992.00	19109.00	991.60	19188.00	996.60	19229.00	995.60	19362.00
GR	997.20	19466.00	1000.50	19541.00	998.20	19594.00	991.60	19668.00	991.60	19915.00
GR	994.40	19949.00	993.80	20000.00	991.40	20121.00	990.10	20145.00	994.40	20170.00
GR	993.80	20355.00	991.60	20454.00	986.90	20486.00	987.60	20619.00	998.10	20641.00
GR	998.40	20750.00	1001.00	20880.00	1001.20	21071.00	1001.80	21155.00	1003.20	21183.00
GR	1002.20	21237.00	1004.50	22041.00	1008.00	22060.00	1006.40	22097.00	1006.20	22134.00
GR	1007.00	22194.00	1009.00	23041.00	1011.00	23279.00	1011.00	23354.00	1012.90	23774.00
GR	1011.70	23967.00	1012.90	24168.00	1014.10	24539.00	1014.70	24724.00	1014.60	24800.00
GR	1015.60	25001.00	1016.40	25733.00	1019.00	25760.00	1016.80	25777.00	1016.80	25906.00
ET	0.00	4.10	9.10	0.00	21350.00	0.00	0.00	0.00	18150.00	21187.00
X1	7.21	65.00	18185.00	21187.00	940.00	880.00	930.00	0.00	0.00	0.00
X3	10.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GR	1007.50	15824.00	1008.70	15856.00	1007.30	15901.00	1002.90	16961.00	1002.20	17069.00
GR	1002.10	17161.00	1002.60	17304.00	1003.70	17500.00	1005.00	17637.00	1000.20	17680.00

GR	1004.60	17711.00	1004.20	17929.00	1005.00	18146.00	1001.70	18185.00	1001.70	18207.00
GR	996.50	18223.00	997.00	18275.00	1000.40	18327.00	999.00	18386.00	996.20	18398.00
GR	994.60	18666.00	992.50	18692.00	994.80	18745.00	999.60	18809.00	1004.60	18825.00
GR	1006.40	19072.00	1001.20	19216.00	1002.20	19352.00	999.60	19380.00	998.40	19449.00
GR	1001.70	19492.00	996.20	19540.00	996.50	19595.00	993.00	19629.00	993.00	19978.00
GR	993.40	20000.00	995.70	20196.00	993.40	20284.00	990.90	20297.00	989.60	20808.00
GR	996.60	20827.00	993.40	20997.00	988.60	21059.00	988.80	21100.00	1004.00	21187.00
GR	1006.60	21771.00	1010.00	21789.00	1010.00	21819.00	1003.60	21832.00	1006.40	21847.00
GR	1009.30	22605.00	1014.60	24399.00	1015.40	24500.00	1018.50	25370.00	1020.80	26381.00
GR	1021.60	26567.00	1023.40	27058.00	1025.90	27069.00	1025.10	27108.00	1027.00	27140.00
GR	1024.60	27173.00	1026.10	28054.00	1026.90	28447.00	1025.80	28491.00	1027.10	28800.00
ET	0.00	4.10	9.10	0.00	21668.00	0.00	0.00	0.00	18300.00	21050.00
X1	7.35	72.00	18329.00	21045.00	820.00	700.00	770.00	0.00	0.00	0.00
GR	1008.50	15651.00	1009.40	16240.00	1009.70	16491.00	1010.20	16561.00	1007.70	16641.00
GR	1004.70	16683.00	1004.30	17157.00	1003.90	17300.00	1005.60	17425.00	1006.10	17720.00
GR	1007.30	17893.00	1006.10	18120.00	1006.20	18215.00	1004.10	18280.00	1007.40	18329.00
GR	997.80	18373.00	996.90	18511.00	998.60	18674.00	996.50	18737.00	1000.90	18912.00
GR	1006.40	18927.00	1005.20	18972.00	1000.50	19023.00	1002.80	19105.00	1003.40	19167.00
GR	1000.50	19250.00	1003.40	19311.00	1003.60	19452.00	1003.70	19603.00	1004.80	19651.00
GR	993.00	19721.00	993.00	20000.00	993.00	20089.00	995.80	20237.00	996.90	20467.00
GR	990.80	20496.00	990.80	20530.00	994.80	20541.00	995.20	20568.00	991.60	20604.00
GR	991.60	20711.00	992.60	20749.00	991.20	20788.00	997.00	20800.00	990.80	20822.00
GR	993.40	20918.00	998.60	20947.00	999.30	21001.00	1004.60	21045.00	1003.00	21081.00
GR	1002.00	21158.00	1004.60	21242.00	1002.40	21342.00	1008.40	21390.00	1009.20	21557.00
GR	1010.00	21668.00	1005.00	21721.00	1008.20	21780.00	1008.60	22040.00	1015.40	24164.00
GR	1016.30	24195.00	1016.30	24300.00	1021.00	25891.00	1023.00	26790.00	1024.70	26823.00
GR	1022.90	26863.00	1024.60	26890.00	1022.60	26944.00	1027.30	28161.00	1028.20	28206.00
GR	1026.90	28243.00	1028.10	28600.00						
ET	0.00	4.10	9.10	0.00	21650.00	0.00	0.00	0.00	18300.00	21100.00
X1	7.50	57.00	18362.00	21092.00	560.00	830.00	780.00	0.00	0.00	0.00
GR	1012.70	16573.00	1012.20	16597.00	1005.90	16718.00	1006.70	17100.00	1007.40	18106.00
GR	1008.10	18155.00	1006.60	18362.00	999.40	18377.00	997.60	18523.00	996.20	18590.00
GR	1000.80	18798.00	1003.60	18970.00	1001.80	19017.00	1001.80	19060.00	1007.80	19083.00
GR	1002.80	19145.00	1001.80	19271.00	1013.80	19364.00	1006.40	19400.00	1004.60	19430.00
GR	1005.40	19728.00	993.60	19803.00	994.20	20000.00	994.20	20358.00	998.00	20478.00
GR	993.00	20491.00	992.40	20551.00	995.00	20582.00	998.20	20630.00	991.00	20696.00
GR	991.00	20774.00	999.20	20797.00	998.20	20949.00	1001.40	21020.00	998.60	21050.00
GR	1003.30	21092.00	1005.00	21123.00	1007.20	21302.00	1008.20	21510.00	1011.40	21585.00
GR	1012.60	21665.00	1010.90	22473.00	1005.70	22485.00	1012.10	22498.00	1010.20	22552.00
GR	1011.80	22662.00	1015.10	23907.00	1015.70	24000.00	1019.30	25236.00	1019.00	25285.00
GR	1024.00	26503.00	1024.30	26525.00	1024.70	26554.00	1025.00	26583.00	1024.00	26618.00
GR	1026.30	27601.00	1028.50	28300.00						
ET	0.00	4.10	9.10	16800.00	0.00	0.00	0.00	0.00	18450.00	20800.00
X1	7.65	61.00	18466.00	20794.00	690.00	840.00	805.00	0.00	0.00	0.00
X3	10.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GR	1012.00	15877.00	1012.80	16500.00	1013.90	16523.00	1012.80	16565.00	1015.00	16586.00
GR	1007.40	16597.00	1014.30	16620.00	1013.60	16659.00	1013.10	16800.00	1008.30	16835.00
GR	1007.90	16900.00	1008.20	17875.00	1009.60	17941.00	1008.40	18035.00	1003.70	18324.00
GR	1004.40	18466.00	998.50	18506.00	998.00	18560.00	1001.60	18686.00	1000.60	18809.00
GR	998.50	18898.00	1000.50	19050.00	1006.20	19177.00	1004.80	19361.00	1003.20	19632.00
GR	1000.20	19775.00	995.30	19824.00	996.60	19969.00	996.60	20000.00	994.10	20080.00
GR	994.20	20350.00	995.00	20367.00	994.90	20411.00	998.60	20448.00	995.80	20626.00
GR	996.60	20684.00	1006.10	20708.00	1007.40	20794.00	1008.50	20885.00	1009.60	21378.00
GR	1009.60	21687.00	1010.50	21765.00	1012.60	21802.00	1013.80	21979.00	1010.50	22033.00
GR	1013.40	22071.00	1013.70	22085.00	1011.70	22372.00	1014.00	23308.00	1016.10	23679.00
GR	1016.20	23724.00	1015.80	23800.00	1018.40	25018.00	1020.60	25052.00	1018.80	25087.00
GR	1022.10	26272.00	1024.00	26294.00	1025.10	26336.00	1023.60	26375.00	1026.10	27244.00
GR	1027.40	27800.00								
ET	0.00	0.00	9.10	0.00	0.00	0.00	0.00	0.00	18600.00	20965.00
X1	7.84	55.00	18855.00	20965.00	930.00	1010.00	980.00	0.00	0.00	0.00

GR	1012.40	16562.00	1012.80	16600.00	1010.00	16633.00	1009.00	17607.00	1008.80	17729.00
GR	1010.40	17781.00	997.20	18080.00	996.10	18188.00	1005.00	18206.00	1002.60	18332.00
GR	1010.60	18348.00	1002.60	18362.00	1011.30	18384.00	1000.00	18422.00	999.40	18568.00
GR	996.40	18593.00	996.40	18744.00	1008.80	18787.00	1010.20	18810.00	1016.30	18855.00
GR	1002.00	18897.00	998.90	19041.00	997.30	19173.00	1002.50	19199.00	1004.60	19407.00
GR	998.50	20000.00	996.20	20126.00	996.20	20187.00	997.40	20207.00	995.70	20222.00
GR	995.70	20471.00	1005.40	20551.00	994.40	20580.00	995.80	20631.00	1009.60	20667.00
GR	1007.20	20741.00	1010.00	20857.00	1012.00	20965.00	1011.30	21047.00	1011.30	21825.00
GR	1011.30	21997.00	1014.00	22078.00	1016.90	22968.00	1017.80	23016.00	1017.70	23405.00
GR	1017.70	23500.00	1016.60	23623.00	1019.00	25211.00	1021.40	25245.00	1021.40	25387.00
GR	1023.00	25990.00	1023.40	26034.00	1021.30	26074.00	1025.90	27246.00	1026.70	27800.00
ET	0.00	0.00	9.10	0.00	0.00	0.00	0.00	0.00	18950.00	20986.00
X1	7.94	45.00	14560.00	21125.00	450.00	590.00	550.00	0.00	0.00	0.00
GR	1010.10	17741.00	1009.60	17930.00	1010.10	18050.00	1009.30	18104.00	1009.00	18139.00
GR	1009.00	18357.00	1009.20	18382.00	1004.60	18408.00	1004.60	18481.00	1014.90	18508.00
GR	1019.30	18550.00	1004.60	18581.00	1004.40	18609.00	996.90	18658.00	997.30	18871.00
GR	1018.60	18925.00	1012.90	18960.00	1009.80	19055.00	1011.30	19110.00	1008.60	19228.00
GR	1006.40	19272.00	1011.30	19288.00	998.50	19345.00	1001.70	19568.00	998.90	19926.00
GR	998.90	20000.00	997.20	20357.00	1002.60	20390.00	999.30	20418.00	997.30	20451.00
GR	997.30	20529.00	1003.70	20536.00	1003.70	20640.00	997.30	20656.00	997.30	20711.00
GR	1000.60	20737.00	1000.60	20773.00	1010.00	20808.00	1011.00	21048.00	1011.00	21114.00
GR	1014.20	21125.00	1012.90	21177.00	1007.70	21285.00	1012.10	21372.00	1012.40	21455.00
NC	0.00	0.00	0.00	0.30	0.50	0.00	0.00	0.00	0.00	0.00
ET	0.00	4.10	9.10	0.00	21240.00	0.00	0.00	0.00	19350.00	21100.00
X1	8.04	23.00	19297.00	21045.00	540.00	565.00	515.00	0.00	0.00	0.00
G4	19440.00	20991.00	0.00	0.04	0.00	0.00	0.00	0.00	0.00	0.00
GR	1015.20	18938.00	1015.30	19064.00	1015.50	19168.00	1018.70	19297.00	1017.00	19421.00
GR	997.50	19440.00	997.50	19500.00	997.50	19600.00	997.50	19700.00	997.50	19800.00
GR	997.50	19900.00	997.50	20000.00	997.50	20100.00	997.49	20200.00	997.50	20300.00
GR	997.50	20400.00	997.50	20500.00	997.50	20600.00	997.50	20700.00	997.50	20800.00
GR	997.50	20900.00	997.50	20991.00	1017.00	21020.00				
X1	8.15	70.00	19098.00	21433.00	583.00	543.00	603.00	0.00	0.00	0.00
G4	19141.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GR	1017.00	19127.00	1010.00	19141.00	1010.70	19188.00	1012.40	19218.00	1012.00	19307.00
GR	1010.40	19350.00	1011.50	19395.00	1012.30	19447.00	1007.10	19489.00	1002.50	19514.00
GR	1002.50	19574.00	1003.50	19617.00	1009.90	19642.00	1009.70	19698.00	1008.80	19753.00
GR	1003.90	19795.00	999.50	19833.00	999.50	20000.00	999.50	20156.00	1003.90	20292.00
GR	1005.20	~~20479.00~~	1007.50	20415.00	1010.90	20433.00	1011.20	20509.00	1010.30	20576.00
GR	1007.30	20625.00	1004.50	20679.00	1002.00	20715.00	1002.00	20817.00	1001.60	20872.00
GR	1002.00	~~20972.00~~	1002.50	21051.00	1003.20	21106.00	1004.90	21173.00	1005.70	21233.00
GR	1005.60	21285.00	1006.10	21353.00	1013.20	21388.00	1016.70	21414.00	1018.80	21433.00
GR	1016.50	21451.00	1017.10	21465.00	1016.70	21479.00	1017.60	21525.00	1017.60	21579.00
GR	1017.50	21630.00	1017.60	21764.00	1014.70	22044.00	1013.90	22094.00	1015.30	22137.00
GR	1014.10	22165.00	1014.50	22200.00	1017.10	22272.00	1018.30	22570.00	1017.70	22863.00
GR	1016.90	22934.00	1015.90	23050.00	1015.20	23151.00	1016.70	23193.00	1014.50	23204.00
GR	1013.90	23284.00	1015.90	23320.00	1020.30	23330.00	1022.00	23395.00	1022.00	23482.00
GR	1021.70	23541.00	1022.10	23630.00	1022.30	23774.00	1021.30	23874.00	1021.20	23951.00
ET	0.00	0.00	9.10	0.00	0.00	0.00	0.00	0.00	19300.00	22028.00
X1	8.32	55.00	19306.00	22028.00	750.00	950.00	870.00	0.00	0.00	0.00
G4	19110.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GR	1020.00	19097.00	1013.60	19110.00	1014.50	19205.00	1014.30	19306.00	1014.30	19352.00
GR	1009.60	19383.00	1008.00	19434.00	1008.40	19488.00	1008.40	19559.00	1006.30	19600.00
GR	1005.10	19665.00	1004.90	19745.00	1005.20	19775.00	1003.90	19798.00	998.40	19818.00
GR	998.40	20000.00	998.40	20029.00	1001.70	20073.00	1002.30	20136.00	1000.80	20172.00
GR	1004.40	20236.00	1009.10	20348.00	1011.30	20439.00	1009.90	20532.00	1008.30	20594.00
GR	1008.30	20640.00	1011.50	20713.00	1011.50	20789.00	1012.10	20881.00	1011.50	20924.00
GR	1008.90	20990.00	1011.30	21035.00	1009.70	21063.00	1006.70	21082.00	1008.50	21131.00
GR	1009.20	21206.00	1009.90	21266.00	1008.40	21330.00	1005.60	21370.00	1008.50	21426.00
GR	1009.60	21475.00	1008.00	21562.00	1006.10	21634.00	1002.70	21690.00	1002.10	21727.00
GR	1002.10	21793.00	1017.10	21818.00	1015.10	21854.00	1018.00	21924.00	1019.60	21971.00

GR	1020.10	22028.00	1019.60	22075.00	1018.90	22200.00	1020.30	22268.00	1018.80	22532.00
ET	0.00	0.00	9.10	0.00	0.00	0.00	0.00	0.00	19070.00	22225.00
X1	8.46	70.00	19077.00	22225.00	770.00	650.00	720.00	0.00	0.00	0.00
G4	19084.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GR	1021.00	19030.00	1021.00	19042.00	1021.00	19058.00	1008.10	19084.00	1008.70	19148.00
GR	1010.10	19199.00	1011.20	19266.00	1011.50	19350.00	1009.50	19389.00	1006.30	19494.00
GR	1007.10	19584.00	1005.10	19625.00	1001.50	19655.00	1001.20	19675.00	999.70	19714.00
GR	1000.10	19764.00	1000.50	19826.00	999.60	19839.00	999.60	19911.00	1000.30	19954.00
GR	1000.30	20000.00	1000.30	20000.00	1003.20	20054.00	1007.30	20123.00	1009.30	20196.00
GR	1007.70	20246.00	1007.10	20299.00	1010.80	20400.00	1011.10	20458.00	1011.30	20541.00
GR	1015.60	20566.00	1016.10	20603.00	1014.50	20637.00	1014.10	20683.00	1014.30	20719.00
GR	1009.20	20740.00	1012.70	20755.00	1012.10	20835.00	1010.80	20860.00	1012.30	20900.00
GR	1011.10	20925.00	1009.30	20950.00	1012.80	20979.00	1014.30	21028.00	1014.10	21081.00
GR	1013.50	21193.00	1007.90	21212.00	1008.10	21263.00	1011.70	21330.00	1013.10	21424.00
GR	1009.50	21486.00	1007.10	21561.00	1007.30	21657.00	1009.10	21706.00	1005.10	21765.00
GR	1006.30	21861.00	1010.50	21886.00	1010.40	21935.00	1007.10	21983.00	1006.30	22009.00
GR	1006.30	22128.00	1021.90	22153.00	1020.70	22191.00	1020.40	22200.00	1022.30	22225.00
GR	1022.00	22528.00	1020.50	22840.00	1019.90	23038.00	1019.30	23080.00	1022.30	23109.00
ET	0.00	4.10	9.10	18313.00	0.00	0.00	0.00	0.00	18952.00	22189.00
X1	8.61	60.00	18952.00	22189.00	810.00	800.00	810.00	0.00	0.00	0.00
G4	18930.00	0.00	-3500.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GR	1022.00	18922.00	1018.00	18930.00	1008.80	19095.00	1005.90	19143.00	1007.60	19204.00
GR	1009.30	19257.00	1007.60	19292.00	1003.30	19352.00	1004.90	19410.00	1003.20	19439.00
GR	1003.20	19494.00	1008.10	19503.00	1009.20	19580.00	1008.10	19623.00	1005.70	19641.00
GR	1008.90	19664.00	1009.50	19745.00	1009.50	19786.00	1011.50	19853.00	1013.50	19910.00
GR	1014.80	20000.00	1013.10	20082.00	1001.30	20126.00	1001.30	20221.00	1004.30	20270.00
GR	1003.60	20314.00	1004.00	20417.00	1010.90	20456.00	1016.70	20477.00	1017.50	20554.00
GR	1016.70	20605.00	1014.10	20622.00	1014.50	20670.00	1014.80	20730.00	1014.30	20790.00
GR	1015.20	20838.00	1015.70	20921.00	1015.50	21017.00	1010.90	21084.00	1008.10	21137.00
GR	1007.70	21227.00	1008.40	21273.00	1011.30	21326.00	1012.80	21407.00	1012.30	21496.00
GR	1011.50	21611.00	1009.90	21729.00	1009.90	21851.00	1015.30	21882.00	1016.40	21933.00
GR	1017.10	22000.00	1019.60	22038.00	1020.30	22082.00	1021.10	22100.00	1023.30	22158.00
GR	1026.80	22189.00	1023.60	22214.00	1022.70	22466.00	1022.70	22678.00	1022.40	22844.00
ET	0.00	0.00	9.10	0.00	0.00	0.00	0.00	0.00	18668.00	21500.00
X1	8.72	70.00	18500.00	21504.00	600.00	510.00	580.00	0.00	0.00	0.00
G4	18663.00	0.00	-3500.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GR	1023.30	18500.00	1023.00	18655.00	1019.20	18663.00	1010.00	18704.00	1008.30	18835.00
GR	1007.70	18914.00	1009.90	18984.00	1008.30	19062.00	1006.50	19177.00	1007.10	19224.00
GR	1009.50	19243.00	1010.90	19281.00	1007.30	19323.00	1005.70	19366.00	1006.80	19466.00
GR	1010.80	19510.00	1016.10	19537.00	1016.40	19622.00	1016.50	19661.00	1014.40	19704.00
GR	1012.30	19755.00	1010.90	19836.00	1011.50	19897.00	1013.10	19971.00	1014.30	20000.00
GR	1013.60	20062.00	1012.10	20135.00	1013.60	20163.00	1009.60	20208.00	1005.20	20280.00
GR	1006.70	20312.00	1006.70	20351.00	1006.70	20414.00	1004.00	20451.00	1004.00	20554.00
GR	1007.20	20613.00	1010.80	20688.00	1012.80	20754.00	1012.80	20841.00	1012.10	20917.00
GR	1011.50	21010.00	1010.70	21082.00	1009.10	21210.00	1009.20	21331.00	1009.50	21423.00
GR	1015.20	21462.00	1017.90	21504.00	1016.70	21555.00	1015.50	21593.00	1015.90	21641.00
GR	1016.80	21706.00	1018.80	21740.00	1019.50	21787.00	1019.50	21829.00	1019.10	21892.00
GR	1017.30	21950.00	1018.70	21974.00	1016.10	21987.00	1016.10	21998.00	1016.80	22037.00
GR	1017.30	22098.00	1017.30	22100.00	1022.90	22167.00	1026.90	22202.00	1025.40	22243.00
GR	1024.20	22473.00	1024.00	22688.00	1023.90	22874.00	1022.00	23118.00	1022.00	23197.00
ET	0.00	0.00	9.10	0.00	0.00	0.00	0.00	0.00	18390.00	22106.00
X1	8.85	65.00	18390.00	20998.00	750.00	630.00	700.00	0.00	0.00	0.00
G4	18476.00	0.00	-3500.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GR	1024.30	18470.00	1021.30	18476.00	1008.00	18572.00	1009.10	18630.00	1009.30	18665.00
GR	1010.70	18679.00	1010.00	18722.00	1008.80	18750.00	1008.90	18814.00	1012.90	18850.00
GR	1011.60	18864.00	1012.30	18914.00	1012.10	19003.00	1011.20	19069.00	1008.70	19169.00
GR	1007.70	19213.00	1011.70	19238.00	1012.00	19300.00	1015.20	19357.00	1014.00	19411.00
GR	1012.10	19434.00	1014.00	19472.00	1015.60	19531.00	1016.00	19591.00	1015.10	19640.00
GR	1013.70	19678.00	1013.10	19698.00	1014.50	19776.00	1014.10	19851.00	1013.50	19883.00
GR	1014.70	19939.00	1014.30	20000.00	1012.50	20107.00	1010.80	20166.00	1012.50	20215.00

GR	1013.60	20267.00	1010.50	20353.00	1008.00	20428.00	1008.00	20858.00	1015.70	20907.00
GR	1022.80	20940.00	1022.90	20998.00	1021.50	21116.00	1020.80	21170.00	1023.50	21239.00
GR	1020.10	21277.00	1018.10	21299.00	1015.20	21363.00	1012.10	21397.00	1013.20	21431.00
GR	1012.00	21453.00	1012.00	21525.00	1012.00	21599.00	1012.00	21663.00	1012.00	21724.00
GR	1024.00	21765.00	1021.10	21823.00	1017.90	21862.00	1019.30	21886.00	1019.90	21900.00
GR	1018.30	21901.00	1018.30	21919.00	1021.10	21977.00	1022.80	22030.00	1024.20	22106.00
ET	0.00	0.00	9.10	0.00	0.00	0.00	0.00	0.00	18270.00	22069.00
X1	8.98	75.00	18270.00	20743.00	670.00	730.00	690.00	0.00	0.00	0.00
G4	18360.00	0.00	-3500.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GR	1025.30	18356.00	1023.30	18360.00	1014.00	18434.00	1011.90	18463.00	1008.90	18504.00
GR	1010.40	18578.00	1012.50	18659.00	1013.90	18706.00	1012.30	18754.00	1017.50	18794.00
GR	1018.80	18852.00	1018.90	18918.00	1010.30	18948.00	1009.90	18989.00	1010.30	19051.00
GR	1013.50	19104.00	1014.30	19165.00	1016.50	19290.00	1017.10	19363.00	1017.10	19455.00
GR	1018.10	19575.00	1017.30	19674.00	1014.80	19726.00	1016.00	19743.00	1015.20	19836.00
GR	1013.30	19943.00	1013.30	20000.00	1012.10	20151.00	1010.10	20210.00	1007.20	20241.00
GR	1007.20	20272.00	1008.70	20304.00	1007.60	20322.00	1007.60	20570.00	1013.70	20590.00
GR	1012.00	20628.00	1013.90	20658.00	1021.90	20698.00	1022.10	20743.00	1022.30	20792.00
GR	1023.10	20859.00	1024.40	20951.00	1025.00	21032.00	1023.90	21061.00	1020.90	21112.00
GR	1022.40	21148.00	1021.10	21203.00	1019.70	21241.00	1016.80	21263.00	1018.00	21281.00
GR	1019.20	21311.00	1016.50	21321.00	1017.10	21374.00	1017.20	21400.00	1012.00	21438.00
GR	1012.00	21472.00	1012.00	21560.00	1021.00	21597.00	1018.00	21599.00	1016.50	21627.00
GR	1022.00	21674.00	1021.30	21710.00	1020.50	21777.00	1018.00	21804.00	1020.10	21816.00
GR	1020.40	21844.00	1019.30	21862.00	1019.30	21883.00	1023.30	21907.00	1022.80	21968.00
GR	1022.90	22019.00	1028.60	22043.00	1024.20	22059.00	1026.40	22069.00	1026.60	22290.00
NC	0.05	0.04	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ET	0.00	0.00	9.10	0.00	0.00	0.00	0.00	0.00	18600.00	21100.00
X1	9.10	60.00	18608.00	21048.00	700.00	660.00	610.00	0.00	0.00	0.00
G4	18579.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GR	1026.30	18234.00	1026.60	18320.00	1026.60	18440.00	1026.60	18573.00	1023.60	18579.00
GR	1012.70	18653.00	1011.60	18700.00	1010.40	18749.00	1011.60	18792.00	1014.70	18915.00
GR	1015.70	18992.00	1016.00	19089.00	1019.70	19101.00	1015.60	19109.00	1013.30	19161.00
GR	1014.40	19218.00	1013.90	19280.00	1013.20	19348.00	1012.80	19443.00	1013.10	19506.00
GR	1013.30	19620.00	1013.70	19725.00	1012.90	19797.00	1011.90	19834.00	1014.80	19879.00
GR	1015.50	19925.00	1015.50	19966.00	1014.30	20000.00	1013.60	20041.00	1012.30	20084.00
GR	1013.00	20131.00	1014.00	20224.00	1008.60	20254.00	1007.20	20312.00	1007.20	20371.00
GR	1008.20	20432.00	1008.40	20523.00	1008.40	20631.00	1010.40	20713.00	1017.20	20775.00
GR	1019.00	20838.00	1021.10	20930.00	1021.90	21048.00	1021.40	21132.00	1022.00	21292.00
GR	1022.80	21413.00	1023.10	21526.00	1024.00	21577.00	1023.90	21625.00	1023.60	21703.00
GR	1023.60	21801.00	1024.70	21900.00	1025.10	21965.00	1025.40	22021.00	1026.00	22040.00
GR	1026.70	22091.00	1026.80	22186.00	1026.40	22301.00	1026.40	22394.00	1029.00	22465.00
ET	0.00	4.10	9.10	0.00	21350.00	0.00	0.00	0.00	19060.00	21350.00
X1	9.26	65.00	19065.00	20898.00	780.00	790.00	850.00	0.00	0.00	0.00
G4	19100.00	0.00	0.00	0.00	19323.00	0.00	0.00	0.00	0.00	0.00
GR	1028.20	19078.00	1017.20	19100.00	1008.70	19200.00	1008.40	19323.00	1010.40	19436.00
GR	1013.50	19508.00	1013.60	19536.00	1017.30	19577.00	1017.60	19635.00	1016.00	19665.00
GR	1018.90	19707.00	1020.30	19799.00	1020.30	19900.00	1020.30	20000.00	1018.60	20050.00
GR	1014.40	20129.00	1012.70	20169.00	1012.40	20208.00	1010.60	20271.00	1009.10	20310.00
GR	1003.60	20362.00	1003.60	20420.00	1007.00	20455.00	1008.70	20503.00	1011.50	20564.00
GR	1013.00	20624.00	1014.20	20669.00	1015.10	20706.00	1013.20	20728.00	1017.00	20763.00
GR	1018.60	20805.00	1020.60	20840.00	1025.60	20862.00	1026.00	20898.00	986.00	20923.00
GR	986.00	21472.00	986.00	21564.00	1023.40	21617.00	1023.60	21719.00	1024.30	21832.00
GR	1026.60	21899.00	1039.90	21944.00	1026.40	21978.00	1027.90	22071.00	1027.50	22152.00
GR	1035.00	22165.00	1038.00	22203.00	1029.80	22244.00	1028.00	22345.00	1027.20	22382.00
GR	1028.60	22420.00	1026.80	22440.00	1027.90	22481.00	1027.60	22613.00	1026.60	22741.00
GR	1025.90	22846.00	1027.60	23072.00	1027.60	23185.00	1026.80	23255.00	1027.50	23320.00
GR	1029.00	23400.00	1028.70	23453.00	1028.10	23607.00	1028.10	23727.00	1027.70	23778.00
ET	0.00	0.00	9.10	0.00	0.00	0.00	0.00	0.00	19240.00	21600.00
X1	9.38	55.00	19242.00	20748.00	620.00	790.00	660.00	0.00	0.00	0.00
G4	19188.00	0.00	0.00	0.00	19372.00	0.00	0.00	0.00	0.00	0.00
GR	1029.30	19110.00	1029.20	19180.00	1025.20	19188.00	1024.90	19242.00	1010.50	19290.00

GR	1009.10	19324.00	1005.90	19372.00	1007.70	19435.00	1008.40	19482.00	1010.40	19509.00
GR	1018.90	19788.00	1017.70	19800.00	1018.30	19829.00	1020.30	19878.00	1021.50	19928.00
GR	1021.10	20001.00	1021.50	20098.00	1021.50	20151.00	1020.30	20188.00	1019.10	20204.00
GR	1019.60	20229.00	1023.40	20265.00	1022.40	20291.00	1020.30	20344.00	1017.10	20422.00
GR	1019.80	20453.00	1020.70	20484.00	1023.00	20503.00	1017.40	20528.00	1019.00	20574.00
GR	1019.80	20635.00	1021.80	20665.00	1017.80	20688.00	1019.20	20723.00	1022.60	20748.00
GR	988.00	20783.00	988.00	22147.00	1028.00	22292.00	1027.40	22300.00	1027.90	22364.00
GR	1037.60	22383.00	1036.90	22428.00	1032.40	22511.00	1031.90	22530.00	1013.60	22565.00
GR	1013.60	22592.00	1013.00	22593.00	1013.00	22676.00	1024.60	22701.00	1021.20	22722.00
GR	1027.10	22760.00	1028.00	22810.00	1030.30	22834.00	1028.80	22883.00	1029.60	22982.00
ET	0.00	4.10	9.10	0.00	21563.00	0.00	0.00	0.00	19300.00	21548.00
X1	9.54	60.00	19317.00	21563.00	820.00	750.00	840.00	0.00	0.00	0.00
G4	19165.00	0.00	0.00	0.00	19403.00	0.00	0.00	0.00	0.00	0.00
GR	1030.00	19077.00	1030.00	19157.00	1026.10	19165.00	1025.10	19202.00	1019.10	19239.00
GR	1019.10	19280.00	1020.30	19317.00	1008.10	19367.00	1006.50	19403.00	1006.90	19427.00
GR	1009.20	19453.00	1014.30	19496.00	1016.70	19540.00	1017.30	19589.00	1016.90	19600.00
GR	1017.60	19629.00	1019.20	19797.00	1018.30	19895.00	1016.70	19930.00	1013.60	19960.00
GR	1013.40	19996.00	1013.40	20000.00	1015.00	20029.00	1016.70	20110.00	1026.20	20143.00
GR	1020.80	20183.00	1019.50	20207.00	1017.80	20255.00	1018.60	20304.00	984.00	20339.00
GR	984.00	20352.00	984.50	20411.00	984.60	20476.00	984.00	20519.00	984.00	20550.00
GR	984.30	20558.00	984.40	20580.00	984.40	20617.00	984.60	20624.00	984.00	20705.00
GR	981.00	20800.00	982.00	20900.00	982.00	21000.00	983.00	21100.00	984.00	21200.00
GR	984.00	21300.00	985.00	21400.00	986.00	21500.00	986.00	21600.00	987.00	21700.00
GR	988.00	21800.00	988.00	21900.00	989.00	22000.00	990.00	22050.00	991.00	22100.00
GR	1031.10	22176.00	1030.20	22194.00	1028.30	22199.00	1029.00	22211.00	1029.90	22268.00
NC	0.05	0.05	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ET	0.00	4.10	9.10	0.00	21298.00	0.00	0.00	0.00	19250.00	21255.00
X1	9.66	55.00	19255.00	21298.00	670.00	700.00	640.00	0.00	0.00	0.00
G4	19146.00	0.00	0.00	0.00	19515.00	0.00	0.00	0.00	0.00	0.00
GR	1031.00	19040.00	1031.00	19122.00	1018.90	19146.00	1019.10	19193.00	1025.50	19255.00
GR	1024.80	19351.00	1016.80	19414.00	1013.30	19461.00	1012.90	19488.00	1012.50	19500.00
GR	1012.90	19515.00	1014.80	19552.00	1016.70	19637.00	1018.90	19706.00	1019.50	19772.00
GR	1019.70	19872.00	1019.30	19987.00	1019.30	20000.00	1019.30	20177.00	1018.90	20319.00
GR	1018.90	20371.00	1016.10	20393.00	1018.30	20411.00	1018.10	20446.00	1019.30	20481.00
GR	1019.70	20579.00	1023.70	20606.00	1022.70	20646.00	984.00	20676.00	984.00	20707.00
GR	983.60	20757.00	984.30	20822.00	984.40	20871.00	983.90	20920.00	983.50	20987.00
GR	984.10	21135.00	984.60	21255.00	986.40	21298.00	984.30	21363.00	983.60	21485.00
GR	984.10	21613.00	984.60	21725.00	984.40	21822.00	984.70	21922.00	1025.90	21992.00
GR	1025.90	22064.00	1029.20	22143.00	1031.20	22239.00	1030.50	22277.00	1028.00	22297.00
GR	1029.10	22323.00	1031.10	22340.00	1031.10	22432.00	1031.90	22606.00	1032.10	22735.00
ET	0.00	4.10	9.10	0.00	21000.00	0.00	0.00	0.00	19200.00	20700.00
X1	9.79	70.00	19236.00	20692.00	690.00	700.00	640.00	0.00	0.00	0.00
GR	1037.70	18826.00	1032.90	18826.00	1031.50	18902.00	1028.40	18960.00	1022.30	19006.00
GR	1021.90	19051.00	1022.50	19072.00	1025.50	19121.00	1026.30	19191.00	1027.70	19236.00
GR	1026.70	19273.00	1019.70	19320.00	1017.30	19355.00	1016.30	19423.00	1018.90	19448.00
GR	1019.60	19472.00	1019.90	19498.00	1019.70	19500.00	1020.00	19524.00	1022.50	19604.00
GR	1021.20	19658.00	1022.90	19703.00	1022.50	19785.00	1023.20	19844.00	1022.70	19889.00
GR	1022.40	19923.00	1020.40	19950.00	1019.70	20000.00	1016.40	20078.00	1014.30	20171.00
GR	1013.20	20255.00	1014.40	20335.00	1012.90	20457.00	1012.90	20535.00	1014.70	20600.00
GR	1023.50	20663.00	1030.10	20692.00	1027.90	20755.00	1029.90	20787.00	1030.80	20888.00
GR	1029.50	20928.00	1029.60	20996.00	1026.40	21020.00	1027.30	21070.00	1027.30	21122.00
GR	1026.70	21195.00	1025.70	21292.00	1026.40	21372.00	1026.90	21470.00	1027.20	21555.00
GR	1026.90	21624.00	1025.60	21690.00	1026.50	21732.00	1027.20	21789.00	1026.30	21861.00
GR	1026.30	21910.00	1026.40	21986.00	1026.30	22116.00	1026.40	22258.00	1026.00	22387.00
GR	1026.00	22441.00	1030.80	22465.00	1030.80	22480.00	1030.00	22487.00	1031.60	22504.00
GR	1033.10	22569.00	1033.50	22605.00	1035.60	22673.00	1036.00	22737.00	1036.00	22858.00
ET	0.00	4.10	9.10	0.00	20750.00	0.00	0.00	0.00	19200.00	20900.00
X1	9.87	70.00	19242.00	20870.00	410.00	430.00	430.00	0.00	0.00	0.00
GR	1035.90	18744.00	1033.70	18748.00	1032.90	18806.00	1032.30	18863.00	1032.40	18922.00
GR	1027.50	18981.00	1030.40	18991.00	1030.40	19031.00	1022.30	19049.00	1024.10	19078.00

GR	1023.10	19127.00	1024.10	19156.00	1025.90	19210.00	1026.00	19242.00	1022.10	19285.00
GR	1021.50	19300.00	1020.90	19340.00	1021.30	19385.00	1021.60	19501.00	1022.80	19596.00
GR	1022.30	19633.00	1020.50	19671.00	1022.50	19747.00	1024.40	19809.00	1024.10	19874.00
GR	1023.20	19998.00	1023.30	20000.00	1018.80	20056.00	1012.90	20141.00	1011.10	20184.00
GR	1011.90	20272.00	1012.70	20347.00	1012.30	20432.00	1013.20	20512.00	1015.90	20570.00
GR	1030.80	20630.00	1032.50	20680.00	1036.10	20717.00	1036.90	20800.00	1039.60	20870.00
GR	1039.30	20936.00	1029.30	20948.00	1029.30	20960.00	1032.00	20991.00	1031.30	21078.00
GR	1030.50	21164.00	1031.70	21449.00	1027.60	21698.00	1026.00	21800.00	1026.70	21817.00
GR	1029.10	21878.00	1032.90	21998.00	1032.80	22165.00	1032.40	22233.00	1029.60	22261.00
GR	1030.80	22343.00	1031.10	22370.00	1031.10	22380.00	1027.30	22397.00	1028.10	22463.00
GR	1027.70	22582.00	1031.90	22598.00	1031.90	22615.00	1029.60	22618.00	1029.60	22620.00
GR	1029.60	22630.00	1034.00	22652.00	1034.50	22721.00	1035.30	22787.00	1035.60	22800.00
NC	0.00	0.00	0.00	0.30	0.50	0.00	0.00	0.00	0.00	0.00
QT	2.00	195000.00	195000.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ET	0.00	4.10	9.10	0.00	21000.00	0.00	0.00	0.00	19090.00	20630.00
X1	10.00	70.00	19092.00	20662.00	650.00	700.00	680.00	0.00	0.00	0.00
GR	1037.70	18800.00	1036.90	18848.00	1036.10	18885.00	1036.10	18930.00	1034.10	18992.00
GR	1028.70	19029.00	1028.70	19059.00	1028.00	19092.00	1023.90	19104.00	1023.20	19138.00
GR	1023.60	19165.00	1025.60	19199.00	1025.60	19200.00	1024.80	19256.00	1024.80	19334.00
GR	1025.20	19392.00	1024.80	19441.00	1022.00	19465.00	1020.80	19479.00	1021.20	19524.00
GR	1017.60	19563.00	1019.20	19616.00	1022.10	19697.00	1023.30	19754.00	1024.80	19830.00
GR	1024.90	19865.00	1027.90	19905.00	1026.40	19964.00	1022.80	20008.00	1023.60	20047.00
GR	1022.00	20102.00	1010.80	20133.00	1011.70	20179.00	1009.70	20221.00	1007.70	20233.00
GR	1008.90	20329.00	1010.30	20330.00	1010.90	20388.00	1013.20	20458.00	1020.90	20537.00
GR	1023.60	20576.00	1026.50	20622.00	1030.30	20662.00	1032.90	20717.00	1033.20	20753.00
GR	1039.20	20782.00	1032.00	20809.00	1031.90	20862.00	1032.10	20929.00	1033.20	21000.00
GR	1033.10	21110.00	1032.70	21261.00	1032.00	21412.00	1032.80	21547.00	1031.90	21624.00
GR	1032.80	21690.00	1030.70	21715.00	1030.90	21749.00	1031.30	21801.00	1033.90	21801.00
GR	1031.90	21813.00	1032.10	21853.00	1032.00	21968.00	1031.30	22071.00	1031.30	22204.00
GR	1031.20	22342.00	1031.10	22472.00	1031.20	22603.00	1031.50	22711.00	1032.40	22723.00
ET	0.00	4.10	9.10	0.00	3800.00	0.00	0.00	0.00	1381.00	3800.00
X1	10.06	44.00	1350.00	3813.00	260.00	280.00	330.00	0.00	0.00	0.00
G4	2575.00	2885.00	0.00	0.04	0.00	0.00	0.00	0.00	0.00	0.00
X3	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1030.00	1030.00	0.00
GR	1035.80	1000.00	1035.00	1350.00	1033.00	1450.00	1030.00	1700.00	1035.00	2000.00
GR	1042.00	2250.00	1044.40	2477.00	1035.00	2478.00	1010.00	2575.00	1010.00	2600.00
GR	1010.00	2600.00	1010.00	2620.00	1010.00	2640.00	1010.00	2660.00	1010.00	2680.00
GR	1010.00	2700.00	1009.99	2715.00	1010.00	2730.00	1010.00	2750.00	1010.00	2780.00
GR	1010.00	2858.00	1010.00	2885.00	1035.00	2982.00	1043.00	2983.00	1037.50	3300.00
GR	1033.00	3500.00	1031.50	3595.00	1031.60	3704.00	1031.50	3745.00	1031.50	3770.00
GR	1031.00	3813.00	1029.80	4021.00	1029.60	4177.00	1030.40	4360.00	1031.20	4420.00
GR	1031.60	4497.00	1031.90	4525.00	1032.20	4718.00	1032.60	4883.00	1033.40	5065.00
GR	1034.00	5180.00	1035.00	5298.00	1036.30	5499.00	1037.50	5622.00		
ET	0.00	4.10	9.10	1400.00	3800.00	0.00	0.00	0.00	1355.00	3800.00
X1	10.20	70.00	19464.00	20584.00	770.00	870.00	770.00	0.00	0.00	0.00
GR	1038.70	18021.00	1044.20	18045.00	1045.40	18073.00	1036.00	18112.00	1036.20	18226.00
GR	1036.20	18385.00	1037.10	18476.00	1036.30	18558.00	1035.40	18713.00	1035.00	18864.00
GR	1036.00	18987.00	1036.00	19075.00	1037.00	19161.00	1036.20	19266.00	1035.90	19360.00
GR	1035.90	19464.00	1022.30	19512.00	1021.40	19540.00	1019.10	19560.00	1020.40	19619.00
GR	1024.20	19698.00	1025.10	19719.00	1029.40	19739.00	1030.00	19785.00	1030.60	19833.00
GR	1032.00	19848.00	1031.90	19894.00	1032.00	19976.00	1032.40	20000.00	1031.60	20053.00
GR	1018.20	20094.00	1013.80	20186.00	1013.80	20494.00	1026.60	20551.00	1035.10	20584.00
GR	1035.20	20614.00	1035.40	20654.00	1031.10	20706.00	1027.20	20731.00	1020.00	20750.00
GR	1020.00	20862.00	1020.00	21035.00	1020.00	21122.00	1020.00	21161.00	1022.20	21170.00
GR	1023.80	21218.00	1025.80	21231.00	1025.90	21300.00	1037.80	21355.00	1037.80	21390.00
GR	1031.00	21417.00	1030.70	21629.00	1030.80	21700.00	1036.40	21719.00	1031.00	21744.00
GR	1030.30	21903.00	1029.60	22020.00	1030.40	22029.00	1036.80	22061.00	1036.30	22080.00
GR	1031.10	22116.00	1030.40	22232.00	1030.70	22393.00	1036.70	22415.00	1030.40	22450.00
GR	1031.00	22534.00	1031.00	22722.00	1037.90	22760.00	1037.90	22798.00	1033.60	22811.00
NC	0.00	0.00	0.00	0.10	0.30	0.00	0.00	0.00	0.00	0.00

19.996

10.055

10.062

ET	0.00	4.10	9.10	18530.00	0.00	0.00	0.00	0.00	19300.00	21350.00
X1	10.38	50.00	19360.00	20600.00	900.00	1000.00	940.00	0.00	0.00	0.00
GR	1038.20	18334.00	1039.80	18530.00	1039.20	18580.00	1038.60	18701.00	1037.10	18876.00
GR	1034.60	19020.00	1033.60	19097.00	1035.00	19257.00	1037.10	19295.00	1038.40	19360.00
GR	1027.40	19384.00	1028.20	19436.00	1028.40	19471.00	1028.00	19500.00	1029.40	19542.00
GR	1027.20	19614.00	1023.10	19652.00	1023.10	19684.00	1027.50	19719.00	1030.00	19787.00
GR	1027.20	19814.00	1025.20	19923.00	1024.30	19976.00	1023.50	20000.00	1021.20	20049.00
GR	1015.40	20118.00	1014.20	20158.00	1014.80	20275.00	1017.20	20348.00	1018.20	20432.00
GR	1037.00	20600.00	1037.00	20601.00	1037.00	20602.00	1037.00	20603.00	1037.00	20604.00
GR	1027.50	20766.00	1028.30	20796.00	1020.00	20821.00	1020.00	20895.00	1020.00	20998.00
GR	1020.00	21081.00	1031.00	21102.00	1029.20	21128.00	1029.00	21176.00	1030.30	21260.00
GR	1030.20	21299.00	1035.90	21300.00	1035.20	21331.00	1043.10	21358.00	1042.30	21402.00
ET	0.00	0.00	9.10	0.00	0.00	0.00	0.00	0.00	19099.00	21000.00
X1	10.56	55.00	19103.00	21010.00	950.00	950.00	950.00	0.00	0.00	0.00
GR	1040.00	18430.00	1036.70	18498.00	1036.70	18549.00	1036.80	18647.00	1035.20	18759.00
GR	1035.00	18889.00	1035.00	18954.00	1036.30	18981.00	1037.60	19039.00	1037.10	19103.00
GR	1034.00	19151.00	1034.00	19224.00	1027.90	19240.00	1024.30	19294.00	1026.80	19355.00
GR	1029.00	19387.00	1028.60	19458.00	1024.70	19487.00	1030.00	19512.00	1030.00	19584.00
GR	1026.40	19667.00	1025.80	19761.00	1023.20	19936.00	1022.30	19997.00	1021.50	20000.00
GR	1024.00	20017.00	1021.10	20055.00	1021.10	20114.00	1024.40	20123.00	1022.60	20172.00
GR	1018.00	20205.00	1018.20	20226.00	1017.10	20385.00	1017.60	20452.00	1019.40	20482.00
GR	1022.30	20538.00	1024.00	20576.00	1023.60	20619.00	1020.60	20627.00	1020.60	20715.00
GR	1023.60	20753.00	1024.70	20786.00	1024.80	20833.00	1029.10	20852.00	1030.40	20941.00
GR	1031.10	21010.00	1029.40	21052.00	1030.60	21102.00	1026.80	21145.00	1027.10	21185.00
GR	1025.60	21250.00	1025.50	21300.00	1029.40	21347.00	1045.40	21377.00	1044.60	21399.00
ET	0.00	0.00	9.10	0.00	0.00	0.00	0.00	0.00	19000.00	21372.00
X1	10.74	58.00	19024.00	21370.00	950.00	940.00	950.00	0.00	0.00	0.00
GR	1040.60	18919.00	1040.70	19024.00	1037.20	19083.00	1033.80	19162.00	1051.10	19191.00
GR	1051.60	19271.00	1042.70	19286.00	1044.70	19364.00	1032.70	19384.00	1021.60	19427.00
GR	1017.80	19477.00	1017.80	19513.00	1016.70	19528.00	1016.70	19581.00	1019.00	19615.00
GR	1015.00	19635.00	1018.60	19664.00	1015.60	19688.00	1016.40	19747.00	1025.80	19772.00
GR	1027.40	19802.00	1026.00	19857.00	1025.10	19881.00	1024.60	19927.00	1034.00	19961.00
GR	1028.20	19987.00	1040.00	20000.00	1033.20	20054.00	1030.40	20105.00	1032.70	20144.00
GR	1033.90	20206.00	1023.00	20244.00	1017.20	20277.00	1019.00	20385.00	1021.20	20433.00
GR	1027.50	20448.00	1024.30	20515.00	1018.80	20533.00	1016.20	20577.00	1025.50	20633.00
GR	1026.40	20721.00	1028.70	20763.00	1031.00	20785.00	1020.80	20817.00	1020.80	20889.00
GR	1023.00	20915.00	1023.60	20950.00	1020.70	20983.00	1021.10	21054.00	1022.40	21144.00
GR	1022.30	21241.00	1022.30	21279.00	1023.00	21300.00	1043.80	21349.00	1041.10	21354.00
GR	1041.10	21370.00	1045.50	21385.00	1044.20	21425.00				
ET	0.00	0.00	9.10	0.00	0.00	0.00	0.00	0.00	19264.00	21407.00
X1	10.89	55.00	19264.00	21407.00	790.00	780.00	780.00	0.00	0.00	0.00
GR	1048.60	19091.00	1053.20	19099.00	1048.30	19108.00	1051.80	19229.00	1053.40	19264.00
GR	1023.00	19312.00	1018.80	19343.00	1019.80	19388.00	1024.30	19440.00	1013.40	19477.00
GR	1013.40	19503.00	1024.20	19546.00	1020.60	19565.00	1021.50	19665.00	1029.10	19696.00
GR	1029.10	19715.00	1033.40	19739.00	1030.00	19766.00	1030.00	19800.00	1021.20	19827.00
GR	1021.20	19880.00	1029.20	19909.00	1029.50	20001.00	1029.50	20022.00	1034.60	20044.00
GR	1026.00	20064.00	1020.30	20083.00	1020.30	20135.00	1023.50	20161.00	1023.80	20252.00
GR	1023.90	20322.00	1029.60	20344.00	1020.00	20355.00	1020.00	20418.00	1033.40	20469.00
GR	1028.40	20480.00	1026.40	20585.00	1026.40	20752.00	1031.50	20789.00	1031.50	20815.00
GR	1021.00	20826.00	1021.00	21253.00	1041.10	21293.00	1040.00	21300.00	1043.40	21343.00
GR	1042.40	21377.00	1046.30	21407.00	1045.00	21449.00	1043.20	21557.00	1041.20	21827.00
GR	1041.00	22095.00	1040.80	22346.00	1041.90	22534.00	1042.60	22647.00	1043.20	22720.00
NC	0.05	0.05	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ET	0.00	0.00	9.10	0.00	0.00	0.00	0.00	0.00	19273.00	21420.00
X1	11.04	65.00	19273.00	21420.00	780.00	770.00	770.00	0.00	0.00	0.00
X3	10.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GR	1047.40	18617.00	1047.00	18700.00	1045.90	18838.00	1045.80	18979.00	1045.50	19161.00
GR	1044.70	19273.00	1021.00	19370.00	1024.60	19448.00	1029.40	19547.00	1032.70	19715.00
GR	1033.00	19818.00	1031.80	19841.00	1038.80	19854.00	1027.50	19883.00	1027.80	19912.00
GR	1032.70	19929.00	1030.30	19934.00	1032.70	19986.00	1033.10	20000.00	1033.10	20032.00

GR	1017.80	20069.00	1015.80	20138.00	1015.80	20213.00	1015.80	20258.00	1020.00	20275.00
GR	1019.00	20329.00	1014.00	20382.00	1014.00	20444.00	1024.80	20481.00	1026.70	20576.00
GR	1035.90	20619.00	1024.20	20702.00	1024.20	20723.00	1027.40	20789.00	1029.00	20885.00
GR	1028.60	20917.00	1025.10	20951.00	1029.90	20996.00	1023.20	21007.00	1023.20	21043.00
GR	1028.60	21099.00	1027.80	21141.00	1031.20	21194.00	1036.20	21222.00	1043.00	21271.00
GR	1042.40	21292.00	1042.70	21300.00	1044.80	21370.00	1047.40	21420.00	1025.90	21493.00
GR	1019.00	21553.00	1023.90	21632.00	1028.40	21693.00	1031.40	21755.00	1037.50	21824.00
GR	1041.00	21878.00	1047.10	21931.00	1049.10	21990.00	1047.60	22068.00	1051.20	22146.00
GR	1051.40	22294.00	1048.20	22412.00	1045.20	22508.00	1046.30	22595.00	1043.80	22639.00
ET	0.00	0.00	9.10	0.00	0.00	0.00	0.00	0.00	19202.00	21310.00
X1	11.13	50.00	19202.00	21307.00	470.00	510.00	480.00	0.00	0.00	0.00
X3	10.00	0.00	0.00	0.00	0.00	21385.00	0.00	0.00	0.00	0.00
GR	1047.40	18607.00	1046.80	18733.00	1046.80	18838.00	1047.80	18966.00	1047.50	19202.00
GR	1022.30	19247.00	1022.30	19279.00	1024.20	19324.00	1024.80	19371.00	1026.80	19443.00
GR	1028.60	19560.00	1029.40	19625.00	1023.80	19644.00	1024.40	19726.00	1026.40	19813.00
GR	1037.60	19862.00	1025.80	19890.00	1020.80	19926.00	1020.20	20000.00	1018.60	20093.00
GR	1019.00	20176.00	1017.50	20212.00	1020.00	20317.00	1043.50	20352.00	1042.30	20462.00
GR	1043.50	20520.00	1039.20	20558.00	1039.10	20673.00	1039.10	20723.00	1041.00	20748.00
GR	1041.00	20767.00	1041.10	20794.00	1030.00	20822.00	1030.00	20863.00	1030.00	20931.00
GR	1030.00	21195.00	1030.00	21248.00	1030.80	21275.00	1031.40	21300.00	1033.00	21307.00
GR	1028.70	21329.00	1028.70	21362.00	1035.60	21385.00	1012.70	21414.00	1012.00	21442.00
GR	1030.00	22400.00	1051.60	22463.00	1047.90	22482.00	1045.60	22514.00	1051.10	22529.00
EJ	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

INITIAL BED MATERIAL COMPOSITION

SEC NO	SIZE MM	FRACTION	SIZE MM	FRACTION	SIZE MM	FRACTION	SIZE MM	FRACTION	SIZE MM	FRACTION
6.03	0.20	0.100	1.10	0.200	5.50	0.200	16.70	0.200	53.00	0.300
6.11	0.20	0.100	1.11	0.200	5.51	0.200	16.72	0.200	53.03	0.300
6.25	0.20	0.100	1.11	0.200	5.52	0.200	16.74	0.200	53.08	0.300
6.38	0.20	0.100	1.12	0.200	5.53	0.200	16.77	0.200	53.13	0.300
6.55	0.20	0.100	1.14	0.200	5.54	0.200	16.81	0.200	53.20	0.300
6.73	0.21	0.100	1.15	0.200	5.55	0.200	16.85	0.200	53.27	0.300
6.86	0.21	0.100	1.16	0.200	5.56	0.200	16.87	0.200	53.32	0.300
7.03	0.21	0.100	1.17	0.200	5.58	0.200	16.91	0.200	53.39	0.300
7.21	0.21	0.100	1.18	0.200	5.59	0.200	16.95	0.200	53.45	0.300
7.35	0.21	0.100	1.19	0.200	5.60	0.200	16.98	0.200	53.51	0.300
7.50	0.21	0.100	1.20	0.200	5.61	0.200	17.01	0.200	53.57	0.300
7.65	0.21	0.100	1.21	0.200	5.62	0.200	17.04	0.200	53.63	0.300
7.84	0.22	0.100	1.23	0.200	5.64	0.200	17.08	0.200	53.70	0.300
7.94	0.22	0.100	1.24	0.200	5.65	0.200	17.10	0.200	53.74	0.300
8.04	0.22	0.100	1.24	0.200	5.65	0.200	17.12	0.200	53.78	0.300
8.15	0.22	0.100	1.25	0.200	5.66	0.200	17.15	0.200	53.82	0.300
8.32	0.22	0.100	1.26	0.200	5.68	0.200	17.18	0.200	53.89	0.300
8.46	0.22	0.100	1.27	0.200	5.69	0.200	17.21	0.200	53.94	0.300
8.61	0.22	0.100	1.29	0.200	5.70	0.200	17.25	0.200	54.00	0.300
8.72	0.22	0.100	1.30	0.200	5.71	0.200	17.27	0.200	54.05	0.300
8.85	0.23	0.100	1.31	0.200	5.72	0.200	17.30	0.200	54.10	0.300
8.98	0.23	0.100	1.32	0.200	5.73	0.200	17.33	0.200	54.15	0.300
9.10	0.23	0.100	1.33	0.200	5.74	0.200	17.35	0.200	54.19	0.300
9.26	0.23	0.100	1.34	0.200	5.75	0.200	17.39	0.200	54.26	0.300
9.38	0.23	0.100	1.35	0.200	5.76	0.200	17.42	0.200	54.31	0.300
9.54	0.23	0.100	1.36	0.200	5.77	0.200	17.45	0.200	54.37	0.300
9.66	0.23	0.100	1.37	0.200	5.78	0.200	17.48	0.200	54.42	0.300
9.79	0.24	0.100	1.38	0.200	5.79	0.200	17.50	0.200	54.47	0.300
9.87	0.24	0.100	1.39	0.200	5.80	0.200	17.52	0.200	54.50	0.300
10.00	0.24	0.100	1.40	0.200	5.81	0.200	17.55	0.200	54.55	0.300
10.06	0.24	0.100	1.41	0.200	5.81	0.200	17.56	0.200	54.57	0.300
10.20	0.24	0.100	1.42	0.200	5.83	0.200	17.60	0.200	54.63	0.300
10.38	0.24	0.100	1.43	0.200	5.84	0.200	17.63	0.200	54.70	0.300
10.56	0.24	0.100	1.45	0.200	5.85	0.200	17.67	0.200	54.77	0.300
10.74	0.25	0.100	1.47	0.200	5.87	0.200	17.71	0.200	54.85	0.300
10.89	0.25	0.100	1.48	0.200	5.88	0.200	17.75	0.200	54.91	0.300
11.04	0.25	0.100	1.49	0.200	5.89	0.200	17.78	0.200	54.96	0.300
11.13	0.25	0.100	1.50	0.200	5.90	0.200	17.80	0.200	55.00	0.300

TIME=106.665 HRS. DT= 2400. SECS. TIME STEP= 120

SEC. NO.	W.S.ELEV. FEET	WIDTH FEET	DEPTH FEET	Q CFS	V FPS	SLOPE	D50 MM	QS CFS	FR
6.03	996.99	5270.66	18.19	181662.8	5.08	0.00099	9.59	46.02	0.34
6.11	997.43	5694.22	17.68	181662.8	4.88	0.00096	7.12	44.35	0.34
6.25	998.22	7315.90	19.56	181662.8	4.59	0.00109	12.56	39.33	0.35
6.38	998.93	6107.51	16.20	181662.8	4.95	0.00111	12.05	39.41	0.36
6.55	999.80	4104.91	16.37	181662.8	5.64	0.00101	11.87	38.52	0.36
6.73	1000.79	4133.91	13.80	181662.8	6.02	0.00126	13.64	43.91	0.39
6.86	1001.73	4296.45	13.91	181662.8	6.13	0.00141	11.29	47.82	0.41
7.03	1003.12	4776.78	17.38	181662.8	6.35	0.00183	18.67	52.64	0.46
7.21	1004.85	4737.70	18.15	181662.8	6.47	0.00193	16.89	55.31	0.47
7.35	1006.30	4423.16	17.20	181662.8	6.69	0.00197	21.59	53.30	0.48
7.50	1007.88	4660.81	18.03	181662.8	6.60	0.00202	23.28	50.55	0.48
7.65	1009.45	4499.98	17.42	181662.8	6.46	0.00179	20.92	45.30	0.46
7.84	1011.08	4270.31	13.02	181662.8	6.12	0.00140	12.34	39.59	0.41
7.94	1011.75	3340.17	15.37	181662.8	7.28	0.00182	21.79	46.18	0.47
8.04	1012.27	1587.39	13.15	181662.8	9.00	0.00161	28.79	48.70	0.44
8.15	1013.45	2249.77	15.98	181662.8	8.55	0.00181	29.57	44.27	0.49
8.32	1015.21	2708.61	17.87	181662.8	7.76	0.00168	26.93	38.71	0.46
8.46	1016.54	3078.51	12.84	181662.8	7.20	0.00156	24.51	34.61	0.44
8.61	1017.81	3067.03	15.52	181662.8	7.37	0.00168	27.17	33.73	0.46
8.72	1018.85	3321.00	12.27	181662.8	7.06	0.00161	25.89	30.31	0.45
8.85	1019.92	2995.59	12.14	181662.8	7.47	0.00170	31.57	29.67	0.46
8.98	1021.08	2946.48	14.12	181662.8	7.56	0.00173	33.74	27.66	0.47
9.10	1022.09	2716.08	15.10	181662.8	7.38	0.00142	32.07	20.80	0.43
9.26	1023.28	2511.61	37.40	181662.8	4.58	0.00026	14.56	4.17	0.20
9.38	1023.62	3213.66	35.64	181662.8	3.06	0.00010	10.30	1.56	0.13
9.54	1023.73	2930.26	39.07	181662.8	2.53	0.00004	1.13	1.41	0.09
9.66	1023.47	2700.79	16.33	181662.8	7.40	0.00143	16.26	72.28	0.43
9.79	1023.57	1190.33	29.30	181662.8	12.67	0.00289	35.88	116.38	0.64
9.87	1024.97	1255.20	31.59	181662.8	12.41	0.00289	35.47	113.78	0.64
10.00	1026.48	984.21	34.18	186329.3	13.30	0.00257	35.10	109.25	0.62
10.06	1026.84	440.66	41.46	186329.3	14.16	0.00168	34.20	102.93	0.46
10.20	1029.83	1415.89	20.52	186329.3	11.22	0.00236	32.83	85.32	0.58
10.38	1032.47	1784.93	21.69	186329.3	9.76	0.00201	32.20	64.21	0.53
10.56	1034.67	2233.61	19.03	186329.3	8.06	0.00143	27.27	45.32	0.44
10.74	1035.96	2011.60	19.55	186329.3	7.47	0.00097	19.44	35.17	0.37
10.89	1036.75	1994.05	22.48	186329.3	7.21	0.00085	22.80	28.78	0.35
11.04	1037.53	2297.73	24.05	186329.3	6.68	0.00080	28.68	23.71	0.34
11.13	1038.19	2748.04	26.19	186329.3	4.87	0.00035	10.25	17.96	0.23

TIME=110.665 HRS. DT= 2400. SECS. TIME STEP= 126

SEC. NO.	W.S.ELEV. FEET	WIDTH FEET	DEPTH FEET	Q CFS	V FPS	SLOPE	D50 MM	QS CFS	FR
6.03	997.25	5434.37	18.45	190000.0	5.12	0.00100	10.28	45.25	0.35
6.11	997.69	5876.59	18.01	190000.0	4.89	0.00095	7.91	43.27	0.34
6.25	998.46	7888.01	19.81	190000.0	4.58	0.00114	12.82	40.36	0.35
6.38	999.18	6325.09	16.46	190000.0	4.96	0.00110	12.17	38.85	0.36
6.55	1000.04	4149.44	16.53	190000.0	5.75	0.00103	11.49	39.42	0.36
6.73	1001.06	4216.54	13.97	190000.0	6.10	0.00128	12.95	45.24	0.40
6.86	1002.03	4543.70	14.11	190000.0	6.18	0.00148	11.83	49.61	0.42
7.03	1003.45	4986.46	17.71	190000.0	6.29	0.00177	18.26	51.42	0.45
7.21	1005.13	4937.63	18.51	190000.0	6.44	0.00189	17.85	54.16	0.46
7.35	1006.54	4509.70	17.57	190000.0	6.72	0.00193	22.11	52.75	0.47
7.50	1008.09	4750.95	18.33	190000.0	6.64	0.00199	23.44	51.35	0.48
7.65	1009.69	4884.33	17.68	190000.0	6.47	0.00189	21.09	48.64	0.47
7.84	1011.57	5301.28	13.70	190000.0	5.96	0.00161	13.62	43.50	0.43
7.94	1012.26	3393.92	15.83	190000.0	7.19	0.00166	22.45	42.07	0.45
8.04	1012.69	1588.43	13.71	190000.0	9.03	0.00154	30.06	46.48	0.44
8.15	1013.83	2249.74	16.36	190000.0	8.54	0.00170	29.67	42.48	0.48
8.32	1015.50	2707.36	18.23	190000.0	7.80	0.00161	27.21	38.10	0.46
8.46	1016.78	3079.49	12.67	190000.0	7.31	0.00154	25.30	34.84	0.44
8.61	1018.04	3068.29	15.55	190000.0	7.46	0.00164	27.66	33.97	0.46
8.72	1019.07	3355.18	12.06	190000.0	7.17	0.00162	26.90	31.34	0.45
8.85	1020.14	3003.26	12.47	190000.0	7.59	0.00169	32.27	30.35	0.46
8.98	1021.30	2987.23	14.34	190000.0	7.62	0.00170	34.16	27.98	0.46
9.10	1022.30	2748.74	15.32	190000.0	7.40	0.00138	32.73	20.69	0.43
9.26	1023.48	2562.35	37.62	190000.0	4.72	0.00028	15.59	4.67	0.21
9.38	1023.84	3218.96	35.87	190000.0	3.16	0.00010	10.27	1.79	0.13
9.54	1023.95	2935.21	37.64	190000.0	2.72	0.00005	1.35	1.91	0.10
9.66	1023.65	2702.11	15.79	190000.0	8.05	0.00178	20.83	95.60	0.48
9.79	1023.96	1174.61	29.69	190000.0	12.70	0.00270	35.86	108.91	0.63
9.87	1025.30	1269.47	31.92	190000.0	12.37	0.00274	35.49	107.07	0.63
10.00	1026.95	954.32	35.26	195000.0	13.02	0.00217	33.58	92.50	0.58
10.06	1027.15	443.12	43.65	195000.0	14.12	0.00159	34.57	101.36	0.45
10.20	1030.10	1431.19	21.80	195000.0	11.10	0.00218	33.51	82.27	0.56
10.38	1032.55	1782.59	22.32	195000.0	9.90	0.00198	32.47	68.17	0.53
10.56	1034.75	2238.83	19.01	195000.0	8.29	0.00148	27.76	50.33	0.45
10.74	1036.09	2022.60	19.35	195000.0	7.68	0.00101	20.84	38.94	0.38
10.89	1036.91	1994.82	22.40	195000.0	7.40	0.00088	23.89	32.13	0.36
11.04	1037.72	2304.82	24.25	195000.0	6.81	0.00081	29.14	26.64	0.34
11.13	1038.40	2749.83	26.40	195000.0	5.02	0.00037	10.25	20.75	0.24

SEC NO 11.04 TIME= 110.665 HOURS WSEL= 1037.72 WIDTH= 2304.82

Z	DZ	TDZ	Y	Z	DZ	TDZ	Y	Z	DZ	TDZ	Y
1047.40	0.00	0.0018617.0		1047.00	0.00	0.0018700.0		1045.90	0.00	0.0018838.0	
1045.80	0.00	0.0018979.0		1045.50	0.00	0.0019161.0		1044.70	0.00	0.0019273.0	
1019.44	-0.03	-1.5519370.0		1023.39	-0.03	-1.2119448.0		1028.75	-0.02	-0.6519547.0	
1032.38	-0.01	-0.3219715.0		1032.68	-0.01	-0.3219818.0		1031.35	-0.01	-0.4519841.0	
1038.80	0.00	0.0019854.0		1026.35	-0.03	-1.1519883.0		1026.69	-0.03	-1.1119912.0	
1032.33	-0.01	-0.3719929.0		1029.61	-0.02	-0.6919934.0		1032.32	-0.01	-0.3819986.0	
1032.76	-0.01	-0.3420000.0		1032.75	-0.01	-0.3420032.0		1014.71	-0.03	-3.0920069.0	
1013.80	0.00	-2.0020138.0		1013.78	0.00	-2.0220213.0		1013.77	0.00	-2.0320258.0	
1016.89	-0.06	-3.1120275.0		1015.58	-0.06	-3.4220329.0		1013.47	0.00	-0.5320382.0	
1013.47	0.00	-0.5320444.0		1022.68	-0.04	-2.1220481.0		1025.11	-0.04	-1.5920576.0	

1035.81	-0.01	-0.0920619.0	1022.19	-0.04	-2.0120702.0	1022.22	-0.04	-1.9820723.0
1026.12	-0.03	-1.2820789.0	1028.09	-0.02	-0.9120885.0	1027.64	-0.02	-0.9620917.0
1023.53	-0.03	-1.5720951.0	1029.19	-0.02	-0.7120996.0	1021.36	-0.04	-1.8421007.0
1021.41	-0.04	-1.7921043.0	1027.74	-0.02	-0.8621099.0	1026.84	-0.02	-0.9621141.0
1030.74	-0.01	-0.4621194.0	1036.15	0.00	-0.0521222.0	1043.00	0.00	0.0021271.0
1042.40	0.00	0.0021292.0	1042.70	0.00	0.0021300.0	1044.80	0.00	0.0021370.0
1047.40	0.00	0.0021420.0	1024.95	-0.02	-0.9521493.0	1017.37	-0.03	-1.6321553.0
1022.88	-0.02	-1.0221632.0	1027.86	-0.01	-0.5421693.0	1031.13	-0.01	-0.2721755.0
1037.50	0.00	0.0021824.0	1041.00	0.00	0.0021878.0	1047.10	0.00	0.0021931.0
1049.10	0.00	0.0021990.0	1047.60	0.00	0.0022068.0	1051.20	0.00	0.0022146.0
1051.40	0.00	0.0022294.0	1048.20	0.00	0.0022412.0	1045.20	0.00	0.0022508.0
1046.30	0.00	0.0022595.0	1043.80	0.00	0.0022639.0			

SEC NO 10.89 TIME= 110.665 HOURS WSEL= 1036.91 WIDTH= 1994.82

Z	DZ	TDZ	Y	Z	DZ	TDZ	Y	Z	DZ	TDZ	Y
1048.60	0.00	0.0019091.0		1053.20	0.00	0.0019099.0		1048.30	0.00	0.0019108.0	
1051.80	0.00	0.0019229.0		1053.40	0.00	0.0019264.0		1022.59	-0.04	-0.4119311.7	
1018.73	0.06	-0.0719343.0		1019.75	0.06	-0.0519388.0		1023.03	-0.04	-1.2719440.0	
1014.58	0.07	1.1819477.0		1014.58	0.07	1.1819503.0		1022.93	-0.04	-1.2719546.0	
1020.57	0.06	-0.0319565.0		1021.34	0.06	-0.1619665.0		1028.07	-0.05	-1.0319696.0	
1027.92	-0.05	-1.1819715.1		1032.52	-0.06	-0.8819739.0		1028.90	-0.05	-1.1019765.9	
1029.03	-0.05	-0.9719800.0		1021.12	0.06	-0.0819826.9		1021.15	0.06	-0.0519880.1	
1028.21	-0.05	-0.9919909.0		1028.55	-0.05	-0.9520001.0		1028.38	-0.05	-1.1320022.1	
1033.76	-0.06	-0.8420044.0		1024.67	-0.04	-1.3320063.8		1020.55	0.06	0.2520083.0	
1020.58	0.06	0.2820135.0		1022.46	-0.04	-1.0420161.0		1022.80	-0.04	-0.9920252.0	
1022.87	-0.04	-1.0320322.0		1027.84	-0.05	-1.7620344.0		1021.17	0.06	1.1720355.0	
1020.19	0.06	0.1920418.1		1032.55	-0.06	-0.8520469.0		1027.28	-0.04	-1.1220479.9	
1025.48	-0.04	-0.9220585.0		1025.46	-0.04	-0.9420752.1		1030.63	-0.05	-0.8720789.0	
1029.30	-0.05	-2.2020815.0		1021.52	-0.03	0.5220825.9		1021.61	-0.03	0.6121253.1	
1041.10	0.00	0.0021293.0		1040.00	0.00	0.0021300.0		1043.40	0.00	0.0021343.0	
1042.40	0.00	0.0021377.0		1046.30	0.00	0.0021407.0		1045.00	0.00	0.0021449.0	
1043.20	0.00	0.0021557.0		1041.20	0.00	0.0021827.0		1041.00	0.00	0.0022095.0	
1040.80	0.00	0.0022346.0		1041.90	0.00	0.0022534.0		1042.60	0.00	0.0022647.0	
1043.20	0.00	0.0022720.0									

SEC NO 10.74 TIME= 110.665 HOURS WSEL= 1036.09 WIDTH= 2022.60

Z	DZ	TDZ	Y	Z	DZ	TDZ	Y	Z	DZ	TDZ	Y
1040.60	0.00	0.0018919.0		1040.70	0.00	0.0019024.0		1037.20	0.00	0.0019083.0	
1032.14	-0.06	-1.6619160.7		1051.10	0.00	0.0019191.0		1051.60	0.00	0.0019271.0	
1042.70	0.00	0.0019286.0		1044.54	-0.05	-0.1619364.0		1031.10	-0.01	-1.6019382.6	
1022.54	0.05	0.9419426.7		1019.49	0.06	1.6919477.0		1019.49	0.06	1.6919513.0	
1018.44	0.06	1.7419528.0		1018.44	0.06	1.7419581.0		1020.64	0.06	1.6419615.0	
1016.81	0.06	1.8119635.0		1020.26	0.06	1.6619664.0		1017.39	0.06	1.7919688.0	
1018.15	0.06	1.7519747.0		1024.09	-0.04	-1.7119772.0		1025.58	-0.04	-1.8219802.0	
1024.28	-0.04	-1.7219857.0		1023.44	-0.04	-1.6619881.0		1022.10	-0.04	-2.5019927.5	
1032.38	-0.06	-1.6219961.0		1027.32	-0.05	-0.8819987.8		1036.12	-0.09	-3.8820000.0	
1029.18	-0.15	-4.0220052.6		1028.21	-0.05	-2.1920104.8		1030.69	-0.06	-2.0120144.2	
1032.26	-0.06	-1.6420206.0		1021.46	-0.04	-1.5420243.5		1018.92	0.06	1.7220277.0	
1020.64	0.06	1.6420385.0		1021.44	-0.04	0.2420433.0		1025.68	-0.04	-1.8220448.0	
1022.68	-0.04	-1.6220515.0		1020.45	0.06	1.6520533.0		1017.96	0.06	1.7620577.0	
1023.81	-0.04	-1.6920633.0		1024.58	-0.04	-1.8220721.0		1026.53	-0.05	-2.1720763.2	
1029.22	-0.05	-1.7820785.0		1021.44	-0.04	0.6420816.8		1021.39	-0.04	0.5920889.0	
1021.46	-0.04	-1.5420915.0		1022.03	-0.04	-1.5720950.0		1021.44	-0.04	0.7420983.0	
1021.42	-0.04	0.3221054.0		1021.46	-0.04	-0.9421144.0		1021.46	-0.04	-0.8421241.0	

1021.46	-0.04	-0.8421279.0	1021.46	-0.04	-1.5421301.8	1043.80	0.00	0.0021349.0
1041.10	0.00	0.0021354.0	1041.10	0.00	0.0021370.0	1045.50	0.00	0.0021385.0
1044.20	0.00	0.0021425.0						

SEC NO 10.56 TIME= 110.665 HOURS WSEL= 1034.75 WIDTH= 2238.83

Z	DZ	TDZ	Y	Z	DZ	TDZ	Y	Z	DZ	TDZ	Y
1040.00	0.00	0.0018430.0		1036.70	0.00	0.0018498.0		1036.70	0.00	0.0018549.0	
1036.80	0.00	0.0018647.0		1035.20	0.00	0.0018759.0		1035.00	0.00	0.0018889.0	
1035.00	0.00	0.0018954.0		1036.30	0.00	0.0018981.0		1037.60	0.00	0.0019039.0	
1037.10	0.00	0.0019103.0		1031.44	-0.14	-2.5619149.4		1031.44	-0.14	-2.5619224.0	
1027.28	0.01	-0.6219239.5		1024.58	0.01	0.2819294.0		1027.04	0.01	0.2419355.0	
1028.03	0.01	-0.9719387.0		1027.63	0.01	-0.9719458.0		1024.84	0.01	0.1419487.0	
1029.02	0.01	-0.9819512.0		1029.02	0.01	-0.9819584.0		1026.58	0.01	0.1819667.0	
1025.93	0.01	0.1319761.0		1023.04	0.01	-0.1619936.0		1022.01	0.02	-0.2919997.0	
1021.12	0.02	-0.3820000.0		1023.88	0.01	-0.1220017.0		1020.63	0.02	-0.4720055.0	
1020.59	0.02	-0.5120114.0		1024.28	0.01	-0.1220123.0		1022.23	0.01	-0.3720172.0	
1017.01	0.02	-1.0020205.0		1017.21	0.02	-0.9920226.0		1015.75	0.02	-1.3520385.0	
1016.41	0.02	-1.1920452.0		1018.51	0.02	-0.8920482.0		1021.85	0.02	-0.4520538.0	
1023.80	0.01	-0.2020576.0		1023.37	0.01	-0.2320619.0		1020.00	0.02	-0.6020627.0	
1020.08	0.02	-0.5220715.0		1023.43	0.01	-0.1720753.0		1024.66	0.01	-0.0420786.0	
1024.79	0.01	-0.0120833.0		1025.91	-0.13	-3.1920852.0		1026.76	-0.13	-3.6420941.0	
1027.45	-0.13	-3.6521010.0		1025.92	-0.13	-3.4821052.0		1026.96	-0.13	-3.6421102.0	
1025.81	-0.13	-0.9921145.0		1025.89	-0.13	-1.2121185.0		1025.77	0.01	0.1721250.0	
1025.90	0.01	0.4021299.9		1025.92	-0.13	-3.4821349.2		1045.40	0.00	0.0021377.0	
1044.60	0.00	0.0021399.0									

SEC NO 10.38 TIME= 110.665 HOURS WSEL= 1032.55 WIDTH= 1782.59

Z	DZ	TDZ	Y	Z	DZ	TDZ	Y	Z	DZ	TDZ	Y
1038.20	0.00	0.0018334.0		1039.80	0.00	0.0018530.0		1039.20	0.00	0.0018580.0	
1038.60	0.00	0.0018701.0		1037.10	0.00	0.0018876.0		1034.60	0.00	0.0019020.0	
1033.60	0.00	0.0019097.0		1035.00	0.00	0.0019257.0		1037.10	0.00	0.0019295.0	
1038.40	0.00	0.0019360.0		1030.45	0.11	3.0519386.1		1027.52	-0.02	-0.6819436.0	
1027.74	-0.02	-0.6619471.0		1027.24	-0.02	-0.7619500.0		1028.91	-0.01	-0.4919542.0	
1026.21	-0.02	-0.9919614.0		1021.70	-0.04	-1.4019652.6		1020.20	-0.05	-2.9019684.0	
1026.43	-0.02	-1.0719719.0		1029.55	-0.01	-0.4519787.0		1025.94	-0.03	-1.2619814.0	
1022.86	-0.05	-2.3419923.0		1021.29	-0.05	-3.0119976.0		1019.91	-0.06	-3.5920000.0	
1015.98	-0.08	-5.2220049.0		1010.26	-0.11	-5.1420118.0		1010.12	-0.10	-4.0820158.0	
1010.30	-0.10	-4.5020275.0		1010.97	-0.10	-6.2320348.0		1012.04	-0.09	-6.1620432.0	
1037.00	0.00	0.0020600.0		1037.00	0.00	0.0020601.0		1037.00	0.00	0.0020602.0	
1037.00	0.00	0.0020603.0		1037.00	0.00	0.0020604.0		1026.58	-0.02	-0.9220766.0	
1027.59	-0.02	-0.7120796.0		1016.53	-0.05	-3.4620821.0		1016.85	-0.05	-3.1520895.0	
1017.28	-0.04	-2.7220998.0		1019.50	-0.03	-0.4921080.1		1030.87	0.00	-0.1321102.0	
1028.84	-0.01	-0.3621128.0		1029.13	-0.01	0.1321175.7		1032.59	0.11	2.2921258.6	
1032.90	0.00	2.7021298.9		1033.41	0.00	-2.4921300.0		1035.20	0.00	0.0021331.0	
1043.10	0.00	0.0021358.0		1042.30	0.00	0.0021402.0					

SEC NO 10.20 TIME= 110.665 HOURS WSEL= 1030.10 WIDTH= 1431.19

Z	DZ	TDZ	Y	Z	DZ	TDZ	Y	Z	DZ	TDZ	Y
1038.70	0.00	0.0018021.0		1044.20	0.00	0.0018045.0		1045.40	0.00	0.0018073.0	
1036.00	0.00	0.0018112.0		1036.20	0.00	0.0018226.0		1036.20	0.00	0.0018385.0	
1037.10	0.00	0.0018476.0		1036.30	0.00	0.0018558.0		1035.40	0.00	0.0018713.0	

1035.00	0.00	0.0018864.0	1036.00	0.00	0.0018987.0	1036.00	0.00	0.0019075.0
1037.00	0.00	0.0019161.0	1036.20	0.00	0.0019266.0	1035.90	0.00	0.0019360.0
1035.90	0.00	0.0019464.0	1022.68	0.18	0.3819512.1	1017.80	-0.03	-3.6019540.0
1017.74	-0.03	-1.3619560.0	1017.58	-0.03	-2.8219619.5	1019.11	-0.03	-5.0919698.4
1018.30	-0.04	-6.8019720.7	1028.63	0.00	-0.7719739.2	1030.00	0.00	0.0019785.0
1030.60	0.00	0.0019833.0	1032.00	0.00	0.0019848.0	1031.90	0.00	0.0019894.0
1032.00	0.00	0.0019976.0	1032.40	0.00	0.0020000.0	1031.60	0.00	0.0020053.0
1011.19	-0.10	-7.0120091.3	1011.21	-0.11	-2.5920186.0	1008.18	-0.12	-5.6220495.4
1022.65	-0.04	-3.9520552.3	1035.10	0.00	0.0020584.0	1035.20	0.00	0.0020614.0
1035.40	0.00	0.0020654.0	1031.10	0.00	0.0020706.0	1022.83	-0.03	-4.3720729.7
1016.54	-0.06	-3.4620748.6	1019.63	-0.04	-0.3720862.0	1020.01	-0.03	0.0121035.0
1020.20	-0.02	0.2021122.0	1020.29	-0.02	0.2921161.0	1021.98	-0.02	-0.2221170.3
1022.35	-0.02	-1.4521219.0	1023.64	-0.01	-2.1621231.0	1027.05	0.16	1.1521299.4
1037.80	0.00	0.0021355.0	1037.80	0.00	0.0021390.0	1031.00	0.00	0.0021417.0
1030.70	0.00	0.0021629.0	1030.80	0.00	0.0021700.0	1036.40	0.00	0.0021719.0
1031.00	0.00	0.0021744.0	1030.30	0.00	0.0021903.0	1030.39	0.00	0.7922019.5
1030.40	0.00	0.0022029.0	1036.80	0.00	0.0022061.0	1036.30	0.00	0.0022080.0
1031.10	0.00	0.0022116.0	1030.40	0.00	0.0022232.0	1030.70	0.00	0.0022393.0
1036.70	0.00	0.0022415.0	1030.40	0.00	0.0022450.0	1031.00	0.00	0.0022534.0
1031.00	0.00	0.0022722.0	1037.90	0.00	0.0022760.0	1037.90	0.00	0.0022798.0
1033.60	0.00	0.0022811.0						

SEC NO 10.06 TIME= 110.665 HOURS WSEL= 1027.15 WIDTH= 443.12

Z	DZ	TDZ	Y	Z	DZ	TDZ	Y	Z	DZ	TDZ	Y
1035.80	0.00	0.00	1000.0	1035.00	0.00	0.00	1350.0	1033.00	0.00	0.00	1450.0
1030.00	0.00	0.00	1700.0	1035.00	0.00	0.00	2000.0	1042.00	0.00	0.00	2250.0
1044.40	0.00	0.00	2477.0	1035.00	0.00	0.00	2478.0	1010.00	0.00	0.00	2575.0
984.16	-0.33	-25.84	2600.0	984.16	-0.33	-25.84	2600.1	983.97	-0.33	-26.03	2620.0
983.79	-0.34	-26.21	2640.0	983.67	-0.34	-26.33	2660.0	983.48	-0.35	-26.52	2680.0
983.30	-0.35	-26.70	2700.0	983.15	-0.36	-26.84	2715.0	983.30	-0.35	-26.70	2730.0
983.48	-0.35	-26.52	2750.0	983.76	-0.34	-26.24	2780.0	984.43	-0.32	-25.57	2858.0
1010.00	0.00	0.00	2885.0	1035.00	0.00	0.00	2982.0	1043.00	0.00	0.00	2983.0
1037.50	0.00	0.00	3300.0	1033.00	0.00	0.00	3500.0	1031.50	0.00	0.00	3595.0
1031.60	0.00	0.00	3704.0	1031.50	0.00	0.00	3745.0	1031.50	0.00	0.00	3770.0
1031.00	0.00	0.00	3813.0	1029.80	0.00	0.00	4021.0	1029.60	0.00	0.00	4177.0
1030.40	0.00	0.00	4360.0	1031.20	0.00	0.00	4420.0	1031.60	0.00	0.00	4497.0
1031.90	0.00	0.00	4525.0	1032.20	0.00	0.00	4718.0	1032.60	0.00	0.00	4883.0
1033.40	0.00	0.00	5065.0	1034.00	0.00	0.00	5180.0	1035.00	0.00	0.00	5298.0
1036.30	0.00	0.00	5499.0	1037.50	0.00	0.00	5622.0				

SEC NO 10.00 TIME= 110.665 HOURS WSEL= 1026.95 WIDTH= 954.32

Z	DZ	TDZ	Y	Z	DZ	TDZ	Y	Z	DZ	TDZ	Y
1037.70	0.00	0.0018800.0		1036.90	0.00	0.0018848.0		1036.10	0.00	0.0018885.0	
1036.10	0.00	0.0018930.0		1034.10	0.00	0.0018992.0		1028.70	0.00	0.0019029.0	
1028.70	0.00	0.0019059.0		1028.00	0.00	0.0019092.0		1027.21	0.00	3.3119105.9	
1027.11	0.00	3.9119140.3		1027.45	0.00	3.8519167.3		1027.15	0.00	1.5519200.3	
1027.08	0.00	1.4819200.4		1027.54	0.00	2.7419257.6		1027.35	0.00	2.5519335.5	
1027.22	0.00	2.0219393.2		1027.82	0.00	3.0219442.9		1027.49	0.00	5.4919468.5	
1027.28	0.00	6.4819482.7		1027.44	0.00	6.2419530.0		1022.64	1.25	5.0419566.8	
1013.22	0.01	-5.9819618.3		1020.47	0.01	-1.6319697.0		1021.95	0.01	-1.3519754.0	
1023.95	0.00	-0.8519830.0		1024.04	0.00	-0.8619865.0		1027.90	0.00	0.0019905.0	
1026.28	0.00	-0.1219964.0		1020.45	0.01	-2.3520008.0		1021.64	0.01	-1.9620047.0	
1014.18	0.01	-7.8220102.0		993.35	0.02	-17.4520130.7		993.59	0.02	-18.1120179.0	
991.77	0.02	-17.9320221.0		991.71	0.02	-15.9920233.0		992.11	0.02	-16.7920329.0	

992.31	0.02	-17.9920330.0	995.55	0.02	-15.3520388.0	1008.06	0.43	-5.1420455.3
1027.28	0.00	6.3820532.9	1027.03	0.00	3.4320573.9	1027.70	0.00	1.2020621.3
1030.30	0.00	0.0020662.0	1032.90	0.00	0.0020717.0	1033.20	0.00	0.0020753.0
1039.20	0.00	0.0020782.0	1032.00	0.00	0.0020809.0	1031.90	0.00	0.0020862.0
1032.10	0.00	0.0020929.0	1033.20	0.00	0.0021000.0	1033.10	0.00	0.0021110.0
1032.70	0.00	0.0021261.0	1032.00	0.00	0.0021412.0	1032.80	0.00	0.0021547.0
1031.90	0.00	0.0021624.0	1032.80	0.00	0.0021690.0	1030.70	0.00	0.0021715.0
1030.90	0.00	0.0021749.0	1032.56	0.00	1.2721801.0	1032.64	0.00	-1.2721801.1
1031.90	0.00	0.0021813.0	1032.10	0.00	0.0021853.0	1032.00	0.00	0.0021968.0
1031.30	0.00	0.0022071.0	1031.30	0.00	0.0022204.0	1031.20	0.00	0.0022342.0
1031.10	0.00	0.0022472.0	1031.20	0.00	0.0022603.0	1031.50	0.00	0.0022711.0
1032.40	0.00	0.0022723.0						

SEC NO 9.87 TIME= 110.665 HOURS WSEL= 1025.30 WIDTH= 1269.47

Z	DZ	TDZ	Y	Z	DZ	TDZ	Y	Z	DZ	TDZ	Y
1035.90	0.00	0.0018744.0		1033.70	0.00	0.0018748.0		1032.90	0.00	0.0018806.0	
1032.30	0.00	0.0018863.0		1032.40	0.00	0.0018922.0		1027.50	0.00	0.0018981.0	
1030.40	0.00	0.0018991.0		1030.40	0.00	0.0019031.0		1025.68	0.00	3.3819051.0	
1025.79	0.00	1.6919079.0		1025.49	0.00	2.3919128.4		1025.67	0.41	1.5719156.9	
1025.90	0.00	0.0019210.0		1026.00	0.00	0.0019242.0		1025.56	0.00	3.4619287.0	
1025.31	0.00	3.8119302.3		1023.92	-0.02	3.0219342.1		1020.39	-0.08	-0.9119385.0	
1020.49	-0.10	-1.1119501.0		1022.07	-0.08	-0.7319596.0		1021.23	-0.11	-1.0719633.0	
1018.79	-0.18	-1.7119671.2		1021.34	-0.12	-1.1619747.0		1024.21	-0.04	-0.1919809.0	
1023.77	-0.06	-0.3319874.0		1022.19	-0.13	-1.0119998.0		1022.37	-0.12	-0.9320000.0	
1016.96	-0.37	-1.8420057.3		993.39	0.00	-19.5120142.1		993.38	0.00	-17.7220184.0	
993.41	0.00	-18.4920272.0		993.44	0.00	-19.2620347.0		993.47	0.00	-18.8320432.0	
1015.75	-0.21	2.5520506.3		1025.44	0.00	9.5420563.9		1030.80	0.00	0.0020630.0	
1032.50	0.00	0.0020680.0		1036.10	0.00	0.0020717.0		1036.90	0.00	0.0020800.0	
1039.60	0.00	0.0020870.0		1038.66	0.00	-0.6420936.0		1029.94	0.00	0.6420948.0	
1029.30	0.00	0.0020960.0		1032.00	0.00	0.0020991.0		1031.30	0.00	0.0021078.0	
1030.50	0.00	0.0021164.0		1031.70	0.00	0.0021449.0		1027.60	0.00	0.0021698.0	
1026.00	0.00	0.0021800.0		1026.70	0.00	0.0021817.0		1029.10	0.00	0.0021878.0	
1032.90	0.00	0.0021998.0		1032.80	0.00	0.0022165.0		1032.40	0.00	0.0022233.0	
1029.60	0.00	0.0022261.0		1030.80	0.00	0.0022343.0		1031.10	0.00	0.0022370.0	
1031.10	0.00	0.0022380.0		1027.30	0.00	0.0022397.0		1028.10	0.00	0.0022463.0	
1027.70	0.00	0.0022582.0		1031.90	0.00	0.0022598.0		1031.84	0.00	-0.0622615.0	
1029.66	0.00	0.0622618.0		1029.60	0.00	0.0022620.0		1029.60	0.00	0.0022630.0	
1034.00	0.00	0.0022652.0		1034.50	0.00	0.0022721.0		1035.30	0.00	0.0022787.0	
1035.60	0.00	0.0022800.0									

SEC NO 9.79 TIME= 110.665 HOURS WSEL= 1023.96 WIDTH= 1174.61

Z	DZ	TDZ	Y	Z	DZ	TDZ	Y	Z	DZ	TDZ	Y
1035.34	0.00	-2.3718826.0		1035.26	0.00	2.3718826.1		1031.50	0.00	0.0018902.0	
1028.40	0.00	0.0018960.0		1024.25	0.00	1.9519007.1		1024.04	0.00	2.1419052.3	
1024.36	0.00	1.8619073.1		1025.50	0.00	0.0019121.0		1026.30	0.00	0.0019191.0	
1027.70	0.00	0.0019236.0		1026.70	0.00	0.0019273.0		1024.46	0.00	4.7619322.8	
1024.01	0.00	6.7019359.0		1024.19	0.00	7.8919427.7		1024.35	0.00	5.4519451.3	
1024.79	0.00	5.1919475.4		1023.55	0.40	3.6519499.9		1023.48	0.40	3.7819500.0	
1019.18	-0.03	-0.8219526.6		1021.62	-0.02	-0.8819604.0		1016.55	-0.04	-4.6519658.0	
1022.48	-0.02	-0.4219703.0		1021.51	-0.02	-0.9919785.0		1022.99	-0.02	-0.2119844.0	
1021.99	-0.02	-0.7119889.0		1021.13	-0.03	-1.2719923.0		1012.59	-0.05	-7.8119950.0	
1009.07	-0.06	-10.6420000.0		1012.43	-0.05	-3.9720081.2		1013.64	-0.05	-0.6620178.3	
998.56	0.00	-14.6420258.8		995.81	0.00	-18.5920335.0		994.27	0.00	-18.6320457.0	
995.00	0.00	-17.9020534.3		1013.19	-0.03	-1.5120590.4		1024.01	0.00	0.5120662.7	

1030.10	0.00	0.0020692.0	1027.90	0.00	0.0020755.0	1029.90	0.00	0.0020787.0
1030.80	0.00	0.0020888.0	1029.50	0.00	0.0020928.0	1029.60	0.00	0.0020996.0
1026.40	0.00	0.0021020.0	1027.30	0.00	0.0021070.0	1027.30	0.00	0.0021122.0
1026.70	0.00	0.0021195.0	1025.70	0.00	0.0021292.0	1026.40	0.00	0.0021372.0
1026.90	0.00	0.0021470.0	1027.20	0.00	0.0021555.0	1026.90	0.00	0.0021624.0
1025.60	0.00	0.0021690.0	1026.50	0.00	0.0021732.0	1027.20	0.00	0.0021789.0
1026.30	0.00	0.0021861.0	1026.30	0.00	0.0021910.0	1026.40	0.00	0.0021986.0
1026.30	0.00	0.0022116.0	1026.40	0.00	0.0022258.0	1026.00	0.00	0.0022387.0
1026.00	0.00	0.0022441.0	1030.80	0.00	0.0022465.0	1030.80	0.00	0.0022480.0
1030.00	0.00	0.0022487.0	1031.60	0.00	0.0022504.0	1033.10	0.00	0.0022569.0
1033.50	0.00	0.0022605.0	1035.60	0.00	0.0022673.0	1036.00	0.00	0.0022737.0
1036.00	0.00	0.0022858.0						

SEC NO 9.66 TIME= 110.665 HOURS WSEL= 1023.65 WIDTH= 2702.11

Z	DZ	TDZ Y	Z	DZ	TDZ Y	Z	DZ	TDZ Y
1031.00	0.00	0.0019040.0	1031.00	0.00	0.0019122.0	1022.73	0.14	3.8319140.8
1022.01	0.02	2.9119199.1	1025.50	0.00	0.0019255.0	1024.80	0.00	0.0019351.0
1021.26	0.02	4.4619405.9	1022.06	0.02	8.7619460.2	1022.06	0.02	9.1619488.0
1022.05	0.02	9.5519500.0	1020.18	0.02	7.2819515.0	1020.36	0.02	5.5619552.7
1020.33	0.02	3.6319638.9	1021.83	0.02	2.9319706.5	1022.12	0.02	2.6219772.1
1022.17	0.02	2.4719872.0	1022.03	0.02	2.7319986.8	1022.09	0.02	2.7920000.0
1022.09	0.02	2.7920177.0	1021.88	0.02	2.9820318.7	1021.98	0.02	3.0820371.0
1019.58	0.02	3.4820390.4	1021.79	0.02	3.4920411.0	1021.33	0.02	3.2320446.7
1022.03	0.02	2.7320481.2	1015.75	0.02	-3.9520584.7	1023.70	0.00	0.0020606.0
1010.65	0.02	-12.0520637.2	1011.68	0.02	27.6820676.0	1007.89	0.02	23.8920707.0
1007.89	0.02	24.2920757.0	1007.89	0.02	23.5920822.0	1007.89	0.02	23.4920871.0
1007.89	0.02	23.9920920.0	1007.89	0.02	24.3920987.0	1007.89	0.02	23.7921135.0
1007.89	0.02	23.2921255.0	1008.34	0.02	21.9421298.0	1007.89	0.02	23.5921363.0
1007.89	0.02	24.2921485.0	1007.89	0.02	23.7921613.0	1007.89	0.02	23.2921725.0
1007.89	0.02	23.4921822.0	1009.17	0.27	24.4721930.1	1025.90	0.00	0.0021992.0
1025.90	0.00	0.0022064.0	1029.20	0.00	0.0022143.0	1031.20	0.00	0.0022239.0
1030.50	0.00	0.0022277.0	1028.00	0.00	0.0022297.0	1029.10	0.00	0.0022323.0
1031.10	0.00	0.0022340.0	1031.10	0.00	0.0022432.0	1031.90	0.00	0.0022606.0
1032.10	0.00	0.0022735.0						

SEC NO 9.54 TIME= 110.665 HOURS WSEL= 1023.95 WIDTH= 2935.21

Z	DZ	TDZ Y	Z	DZ	TDZ Y	Z	DZ	TDZ Y
1030.00	0.00	0.0019077.0	1030.00	0.00	0.0019157.0	1026.10	0.00	0.0019165.0
1025.10	0.00	0.0019202.0	1018.59	-0.02	-0.5119238.0	1018.59	-0.02	-0.5119280.0
1019.58	-0.03	-0.7219317.0	1010.75	0.16	2.6519367.0	1007.77	0.09	1.2719403.0
1008.12	0.08	1.2219427.0	1010.13	0.07	0.9319453.0	1014.54	0.03	0.2419496.0
1016.58	0.00	-0.1219540.0	1017.08	0.00	-0.2219589.0	1016.74	0.00	-0.1619600.0
1017.33	0.00	-0.2719629.0	1018.67	-0.02	-0.5319797.0	1017.92	-0.01	-0.3819895.0
1016.58	0.00	-0.1219930.0	1013.94	0.03	0.3419960.0	1013.76	0.03	0.3619996.0
1013.76	0.03	0.3620000.0	1015.13	0.02	0.1320029.0	1015.02	-0.08	-1.6820111.0
1026.20	0.00	0.0020143.0	1018.46	-0.12	-2.3420182.0	1018.91	-0.02	-0.5920207.0
1017.50	0.00	-0.3020255.0	1014.28	0.03	-4.3220304.0	993.48	0.30	9.4820339.0
989.36	0.32	5.3620352.0	989.81	0.32	5.3120411.0	989.90	0.32	5.3020476.0
989.36	0.32	5.3620519.0	989.36	0.32	5.3620550.0	989.63	0.32	5.3320558.0
989.72	0.32	5.3220580.0	989.72	0.32	5.3220617.0	989.90	0.32	5.3020624.0
989.36	0.32	5.3620705.0	986.66	0.34	5.6620800.0	987.56	0.34	5.5620900.0
987.56	0.34	5.5621000.0	988.46	0.33	5.4621100.0	989.36	0.32	5.3621200.0
989.36	0.32	5.3621300.0	990.26	0.32	5.2621400.0	991.15	0.31	5.1521500.0
991.15	0.31	5.1521600.0	992.05	0.31	5.0521700.0	992.95	0.30	4.9521800.0

992.95	0.30	4.9521900.0	993.85	0.29	4.8522000.0	994.00	0.19	4.0022050.0
994.03	0.19	3.0322101.0	1031.10	0.00	0.0022176.0	1030.20	0.00	0.0022194.0
1028.30	0.00	0.0022199.0	1029.00	0.00	0.0022211.0	1029.90	0.00	0.0022268.0

SEC NO 9.38 TIME= 110.665 HOURS WSEL= 1023.84 WIDTH= 3218.96

Z	DZ	TDZ Y	Z	DZ	TDZ Y	Z	DZ	TDZ Y
1029.30	0.00	0.0019110.0	1029.20	0.00	0.0019180.0	1025.20	0.00	0.0019188.0
1024.90	0.00	0.0019242.0	1010.46	0.00	-0.0419289.9	1009.11	0.00	0.0119324.0
1005.91	0.00	0.0119372.0	1007.71	0.00	0.0119435.0	1008.41	0.00	0.0119482.0
1010.41	0.00	0.0119509.0	1018.91	0.00	0.0119788.0	1017.71	0.00	0.0119800.0
1018.31	0.00	0.0119829.0	1020.30	0.00	0.0019878.0	1021.46	0.00	-0.0419928.0
1021.10	0.00	0.0020001.0	1021.46	0.00	-0.0420098.0	1021.46	0.00	-0.0420151.0
1020.30	0.00	0.0020188.0	1019.11	0.00	0.0020204.0	1019.58	0.00	-0.0220229.1
1023.38	0.00	-0.0220265.0	1022.35	0.00	-0.0520291.0	1020.30	0.00	0.0020343.9
1017.11	0.00	0.0120422.0	1019.80	0.00	0.0020453.0	1020.69	0.00	-0.0120484.1
1022.97	0.00	-0.0320503.0	1017.39	0.00	-0.0120527.9	1019.01	0.00	0.0120574.0
1019.80	0.00	0.0020635.0	1021.76	0.00	-0.0420665.0	1017.80	0.00	0.0020688.0
1019.21	0.00	0.0120723.0	1018.01	0.00	-4.5920748.0	992.61	0.00	4.6120783.0
987.97	0.00	-0.0322147.1	1028.00	0.00	0.0022292.0	1027.40	0.00	0.0022300.0
1027.90	0.00	0.0022364.0	1037.60	0.00	0.0022383.0	1036.90	0.00	0.0022428.0
1032.40	0.00	0.0022511.0	1031.90	0.00	0.0022530.0	1013.56	0.00	-0.0422564.9
1013.61	0.00	0.0122592.0	1013.01	0.00	0.0122593.0	1012.96	0.00	-0.0422676.1
1024.60	0.00	0.0022701.0	1021.16	0.00	-0.0422722.0	1027.10	0.00	0.0022760.0
1028.00	0.00	0.0022810.0	1030.30	0.00	0.0022834.0	1028.80	0.00	0.0022883.0
1029.60	0.00	0.0022982.0						

SEC NO 9.26 TIME= 110.665 HOURS WSEL= 1023.48 WIDTH= 2562.35

Z	DZ	TDZ Y	Z	DZ	TDZ Y	Z	DZ	TDZ Y
1028.20	0.00	0.0019078.0	1017.20	0.00	0.0019100.0	1008.45	-0.02	-0.2519200.0
1008.15	0.00	-0.2519323.0	1010.04	-0.02	-0.3619436.0	1013.20	-0.02	-0.3019508.0
1013.30	-0.02	-0.3019536.0	1017.07	-0.01	-0.2319577.0	1017.38	-0.01	-0.2219635.0
1015.75	-0.01	-0.2519665.1	1018.70	-0.01	-0.2019707.1	1020.13	0.00	-0.1719799.0
1020.13	0.00	-0.1719900.0	1020.14	0.00	-0.1620000.0	1018.40	-0.01	-0.2020049.9
1014.15	-0.01	-0.2520128.9	1012.43	-0.01	-0.2720169.0	1012.13	-0.01	-0.2720208.0
1010.31	-0.01	-0.2920271.0	1008.80	-0.02	-0.3020310.0	1003.46	0.00	-0.1420362.0
1003.46	0.00	-0.1420420.0	1006.86	0.00	-0.1420455.0	1008.41	-0.01	-0.2920503.0
1011.25	-0.01	-0.2520564.0	1012.77	-0.01	-0.2320624.0	1013.98	-0.01	-0.2220669.0
1014.89	-0.01	-0.2120706.0	1012.97	-0.01	-0.2320728.0	1016.81	-0.01	-0.1920763.1
1018.42	0.00	-0.1820805.1	1020.30	-0.01	-0.3020840.1	1025.60	0.00	0.0020862.0
1014.71	-0.01	-11.2920897.7	996.79	0.00	10.7920923.0	985.86	0.00	-0.1421472.0
985.86	0.00	-0.1421564.3	1023.37	-0.01	-0.0321617.0	1023.60	0.00	0.0021719.0
1024.30	0.00	0.0021832.0	1026.60	0.00	0.0021899.0	1039.90	0.00	0.0021944.0
1026.40	0.00	0.0021978.0	1027.90	0.00	0.0022071.0	1027.50	0.00	0.0022152.0
1035.00	0.00	0.0022165.0	1038.00	0.00	0.0022203.0	1029.80	0.00	0.0022244.0
1028.00	0.00	0.0022345.0	1027.20	0.00	0.0022382.0	1028.60	0.00	0.0022420.0
1026.80	0.00	0.0022440.0	1027.90	0.00	0.0022481.0	1027.60	0.00	0.0022613.0
1026.60	0.00	0.0022741.0	1025.90	0.00	0.0022846.0	1027.60	0.00	0.0023072.0
1027.60	0.00	0.0023185.0	1026.80	0.00	0.0023255.0	1027.50	0.00	0.0023320.0
1029.00	0.00	0.0023400.0	1028.70	0.00	0.0023453.0	1028.10	0.00	0.0023607.0
1028.10	0.00	0.0023727.0	1027.70	0.00	0.0023778.0			

SEC NO 9.10 TIME= 110.665 HOURS WSEL= 1022.30 WIDTH= 2748.74

Z	DZ	TDZ	Y	Z	DZ	TDZ	Y	Z	DZ	TDZ	Y
1026.30	0.00	0.0018234.0		1026.60	0.00	0.0018320.0		1026.60	0.00	0.0018440.0	
1026.60	0.00	0.0018573.0		1023.60	0.00	0.0018579.0		1011.77	-0.02	-0.9318653.0	
1010.47	-0.03	-1.1318700.0		1009.06	-0.03	-1.3418749.0		1010.35	-0.03	-1.2518792.0	
1013.54	-0.03	-1.1618915.0		1014.62	-0.02	-1.0818992.0		1014.73	-0.02	-1.2719089.1	
1019.44	-0.01	-0.2619101.0		1014.22	-0.03	-1.3819108.9		1011.65	-0.04	-1.6519161.0	
1012.91	-0.03	-1.4919218.0		1012.25	-0.04	-1.6519280.0		1011.32	-0.04	-1.8819348.0	
1010.82	-0.04	-1.9819443.0		1011.02	-0.04	-2.0819506.0		1011.14	-0.05	-2.1619620.0	
1011.53	-0.05	-2.1719725.0		1010.52	-0.05	-2.3819797.0		1009.32	-0.06	-2.5819834.0	
1012.81	-0.04	-1.9919879.0		1013.69	-0.04	-1.8119925.0		1013.66	-0.04	-1.8419966.0	
1012.03	-0.05	-2.2720000.0		1011.06	-0.06	-2.5420041.0		1009.51	-0.06	-2.7920084.0	
1010.22	-0.06	-2.7820131.0		1011.40	-0.06	-2.6020224.0		1006.99	0.00	-1.6220254.0	
1006.98	0.00	-0.2220312.0		1006.98	0.00	-0.2220371.0		1006.99	0.00	-1.2120432.0	
1006.99	0.00	-1.4120523.0		1006.99	0.00	-1.4120631.0		1007.24	-0.04	-3.1620713.0	
1016.06	-0.03	-1.1420775.1		1018.45	-0.02	-0.5520838.0		1021.00	-0.01	-0.1020930.0	
1021.89	0.00	-0.0121048.0		1021.37	0.00	-0.0321132.0		1022.02	0.00	0.0221292.0	
1022.80	0.00	0.0021413.0		1023.10	0.00	0.0021526.0		1024.00	0.00	0.0021577.0	
1023.90	0.00	0.0021625.0		1023.60	0.00	0.0021703.0		1023.60	0.00	0.0021801.0	
1024.70	0.00	0.0021900.0		1025.10	0.00	0.0021965.0		1025.40	0.00	0.0022021.0	
1026.00	0.00	0.0022040.0		1026.70	0.00	0.0022091.0		1026.80	0.00	0.0022186.0	
1026.40	0.00	0.0022301.0		1026.40	0.00	0.0022394.0		1029.00	0.00	0.0022465.0	

SEC NO 8.98 TIME= 110.665 HOURS WSEL= 1021.30 WIDTH= 2987.23

Z	DZ	TDZ	Y	Z	DZ	TDZ	Y	Z	DZ	TDZ	Y
1025.30	0.00	0.0018356.0		1023.30	0.00	0.0018360.0		1015.04	0.02	1.0418435.0	
1010.58	-0.02	-1.3218463.0		1007.56	-0.01	-1.3418504.0		1008.53	-0.02	-1.8818578.0	
1010.89	-0.02	-1.6118659.0		1012.60	-0.02	-1.3018706.0		1010.44	-0.02	-1.8618754.0	
1017.16	-0.01	-0.3418794.0		1018.65	-0.01	-0.1518852.0		1018.75	-0.01	-0.1518918.0	
1007.75	-0.02	-2.5518948.0		1007.54	-0.02	-2.3618989.0		1007.61	-0.02	-2.6919051.0	
1011.43	-0.03	-2.0719104.0		1012.52	-0.02	-1.7819165.0		1015.71	-0.02	-0.7919290.0	
1016.50	-0.01	-0.6019363.0		1016.47	-0.02	-0.6319455.0		1017.72	-0.01	-0.3819575.0	
1016.66	-0.02	-0.6419674.0		1012.67	-0.03	-2.1319726.0		1014.70	-0.02	-1.3019743.0	
1013.27	-0.03	-1.9319836.0		1009.66	-0.04	-3.6419943.0		1009.55	-0.05	-3.7520000.0	
1007.62	-0.03	-4.4820151.0		1007.29	0.00	-2.8120210.0		1006.96	0.00	-0.2420241.0	
1006.96	0.00	-0.2420272.0		1007.15	0.00	-1.5520304.0		1007.09	0.00	-0.5120322.0	
1007.14	0.00	-0.4620570.0		1010.40	-0.04	-3.3020590.0		1007.86	-0.03	-4.1420628.0	
1010.87	-0.04	-3.0320658.0		1021.90	0.00	0.0020698.0		1022.10	0.00	0.0020743.0	
1022.30	0.00	0.0020792.0		1023.10	0.00	0.0020859.0		1024.40	0.00	0.0020951.0	
1025.00	0.00	0.0021032.0		1023.90	0.00	0.0021061.0		1020.89	0.00	-0.0121112.0	
1022.40	0.00	0.0021148.0		1021.10	0.00	0.0021203.0		1019.61	0.00	-0.0921241.0	
1016.14	-0.01	-0.6621263.0		1017.66	-0.01	-0.3421281.0		1019.06	-0.01	-0.1421311.0	
1015.76	-0.02	-0.7421321.0		1016.57	-0.01	-0.5321374.0		1016.71	-0.01	-0.4921400.0	
1009.36	-0.03	-2.6421438.0		1009.44	-0.03	-2.5621472.0		1010.00	-0.03	-2.0021559.8	
1020.13	0.00	-0.8821597.0		1018.67	0.00	0.6821599.0		1016.29	-0.01	-0.2121626.8	
1022.00	0.00	0.0021674.0		1021.30	0.00	0.0021710.0		1020.48	0.00	-0.0221777.0	
1018.15	-0.01	0.1521803.8		1020.06	0.00	-0.0421816.0		1020.38	0.00	-0.0221844.0	
1019.21	0.00	-0.0921862.0		1020.56	0.04	1.2621882.2		1023.30	0.00	0.0021907.0	
1022.80	0.00	0.0021968.0		1022.90	0.00	0.0022019.0		1028.60	0.00	0.0022043.0	
1024.20	0.00	0.0022059.0		1026.40	0.00	0.0022069.0		1026.60	0.00	0.0022290.0	

SEC NO 8.85 TIME= 110.665 HOURS WSEL= 1020.14 WIDTH= 3003.26

Z	DZ	TDZ	Y	Z	DZ	TDZ	Y	Z	DZ	TDZ	Y
1024.30	0.00	0.0018470.0		1021.30	0.00	0.0018476.0		1007.78	0.00	-0.2218572.3	

1007.65	-0.02	-1.4518630.0	1008.01	-0.02	-1.2918665.0	1008.20	-0.02	-2.5018679.0
1008.70	-0.01	-1.3018722.0	1008.94	0.00	0.1418750.0	1009.42	0.00	0.5218814.0
1009.83	0.00	-3.0718850.0	1010.01	-0.01	-1.5918864.0	1010.71	-0.02	-1.5918914.0
1011.17	-0.01	-0.9319003.0	1010.75	-0.01	-0.4519069.0	1009.56	0.01	0.8619169.0
1009.49	0.02	1.7919213.0	1009.85	-0.01	-1.8519238.0	1011.86	-0.01	-0.1419300.0
1013.04	-0.01	-2.1619357.0	1013.57	0.00	-0.4319411.0	1013.66	0.00	1.5619434.0
1013.73	0.00	-0.2719472.0	1013.87	0.00	-1.7219531.0	1014.03	0.00	-1.9719591.0
1014.13	0.00	-0.9719640.0	1014.18	0.00	0.4819678.0	1014.19	-0.01	1.0919698.0
1014.14	-0.01	-0.3619776.0	1013.95	0.00	-0.1519851.0	1013.82	0.00	0.3219883.0
1013.59	0.00	-1.1119939.0	1013.42	0.00	-0.8820000.0	1013.17	-0.01	0.6720107.0
1012.88	-0.01	2.0820166.0	1012.51	-0.01	0.0020215.0	1011.97	-0.01	-1.6320267.0
1010.55	-0.01	0.0520353.0	1008.30	0.00	0.3020428.0	1007.92	0.00	-0.0820858.0
1015.49	0.00	-0.2120907.1	1022.80	0.00	0.0020940.0	1022.90	0.00	0.0020998.0
1021.50	0.00	0.0021116.0	1020.80	0.00	0.0021170.0	1023.50	0.00	0.0021239.0
1020.10	0.00	0.0021277.0	1016.99	0.00	-1.1121299.0	1014.33	-0.01	-0.8721362.9
1013.48	-0.01	1.3821397.0	1012.87	0.00	-0.3321431.0	1012.62	0.00	0.6221453.0
1012.36	0.00	0.3621525.0	1012.28	0.00	0.2821599.0	1012.34	0.00	0.3421663.0
1013.50	0.00	1.5021723.2	1024.00	0.00	0.0021765.0	1021.10	0.00	0.0021823.0
1016.89	0.00	-1.0121861.9	1015.86	0.00	-3.4421886.0	1015.61	0.00	-4.2921900.0
1015.74	0.05	-2.5621900.6	1020.18	0.00	1.8821918.5	1021.10	0.00	0.0021977.0
1022.80	0.00	0.0022030.0	1024.20	0.00	0.0022106.0			

SEC NO 8.72 TIME= 110.665 HOURS WSEL= 1019.07 WIDTH= 3355.18

Z	DZ	TDZ	Y	Z	DZ	TDZ	Y	Z	DZ	TDZ	Y
1023.30	0.00	0.0018500.0		1023.00	0.00	0.0018655.0		1019.20	0.00	0.0018663.0	
1008.49	-0.03	-1.5118701.7		1008.42	-0.04	0.1218835.0		1008.48	-0.03	0.7818914.0	
1008.49	-0.03	-1.4118984.0		1008.48	-0.03	0.1819062.0		1008.47	-0.03	1.9719177.0	
1008.47	-0.03	1.3719224.0		1008.47	-0.03	-1.0319243.0		1008.47	-0.03	-2.4319281.0	
1008.48	-0.03	1.1819323.0		1008.48	-0.03	2.7819366.0		1008.53	-0.02	1.7319466.0	
1008.76	-0.01	-2.0419510.9		1009.98	-0.04	-6.1219537.1		1012.06	-0.04	-4.3419622.0	
1012.32	-0.03	-4.1819661.0		1012.28	-0.03	-2.1219703.6		1012.07	-0.04	-0.2319754.6	
1011.08	-0.03	0.1819835.8		1010.14	-0.01	-1.3619897.3		1010.60	-0.03	-2.5019971.3	
1010.82	-0.04	-3.4820000.0		1011.07	-0.04	-2.5320061.8		1010.85	-0.04	-1.2520134.7	
1010.55	-0.03	-3.0520163.0		1009.83	-0.03	0.2320207.6		1008.65	-0.01	3.4520280.0	
1008.43	-0.02	1.7320312.0		1008.43	-0.03	1.7320351.0		1008.47	0.05	1.7720414.0	
1008.03	0.07	4.0320451.0		1007.08	0.07	3.0820554.0		1009.65	0.06	2.4520613.0	
1011.63	0.05	0.8320688.3		1012.70	0.05	-0.1020754.0		1013.35	0.05	0.5520841.0	
1013.32	0.05	1.2220916.9		1012.72	0.05	1.2221009.9		1012.00	0.06	1.3021082.0	
1010.86	0.06	1.7621210.0		1010.71	0.06	1.5121331.0		1010.86	0.06	1.3621423.7	
1014.18	0.03	-1.0221462.6		1015.42	0.00	-2.4821504.0		1015.67	-0.02	-1.0321554.6	
1015.69	-0.03	0.1921592.8		1015.70	-0.04	-0.2021641.4		1015.77	-0.04	-1.0321706.7	
1016.73	-0.14	-2.0721740.4		1019.50	0.00	0.0021787.0		1019.50	0.00	0.0021829.0	
1019.10	0.00	0.0021892.0		1015.13	-0.04	-2.1721948.8		1014.96	0.05	-3.7421974.0	
1015.30	-0.17	-0.8021986.0		1015.66	0.02	-0.4421998.2		1015.84	-0.14	-0.9622037.1	
1015.48	0.19	-1.8222098.0		1015.67	-0.04	-1.6322101.2		1022.90	0.00	0.0022167.0	
1026.90	0.00	0.0022202.0		1025.40	0.00	0.0022243.0		1024.20	0.00	0.0022473.0	
1024.00	0.00	0.0022688.0		1023.90	0.00	0.0022874.0		1022.00	0.00	0.0023118.0	
1022.00	0.00	0.0023197.0									

SEC NO 8.61 TIME= 110.665 HOURS WSEL= 1018.04 WIDTH= 3068.29

Z	DZ	TDZ	Y	Z	DZ	TDZ	Y	Z	DZ	TDZ	Y
1022.00	0.00	0.0018922.0		1018.08	0.00	0.0818930.0		1008.12	0.00	-0.6819095.0	
1006.70	-0.02	0.8019143.0		1006.24	-0.03	-1.3619204.0		1006.20	-0.04	-3.1019257.0	
1006.07	-0.03	-1.5319292.0		1005.43	-0.02	2.1319352.0		1004.64	-0.01	-0.2619410.0	

1004.35	-0.01	1.1519439.0	1004.22	0.00	1.0219494.0	1004.28	0.00	-3.8219503.0
1006.48	-0.03	-2.7219580.0	1007.40	-0.03	-0.7019623.0	1007.64	-0.03	1.9419641.0
1007.80	-0.02	-1.1019664.0	1008.01	-0.02	-1.4919745.0	1008.25	-0.02	-1.2519786.3
1009.06	-0.02	-2.4419853.6	1010.21	-0.03	-3.2919910.1	1010.77	-0.03	-4.0320000.0
1009.19	-0.05	-3.9120081.8	1007.09	-0.01	5.8020125.3	1002.51	0.03	1.2120221.0
1002.69	-0.01	-1.6120270.0	1003.27	-0.02	-0.3320314.0	1003.97	-0.01	-0.0320417.1
1008.23	-0.02	-2.6720156.8	1011.32	-0.08	-5.3820477.0	1014.25	-0.05	-3.2520554.0
1014.57	-0.50	-2.1320605.0	1015.61	0.66	1.5120622.0	1015.27	-1.01	0.7720670.0
1016.24	0.99	1.4420730.0	1015.12	-1.01	0.8220790.0	1016.09	0.98	0.8920838.0
1014.33	0.11	-1.3720921.0	1013.71	-0.04	-1.7921017.0	1013.02	-0.03	2.1221083.2
1010.01	0.02	1.9121136.9	1007.98	-0.02	0.2821227.0	1008.06	-0.02	-0.3421273.2
1008.58	-0.02	-2.7221326.3	1010.54	-0.02	-2.2621407.0	1011.15	-0.02	-1.1521495.9
1010.43	-0.01	-1.0721610.9	1009.61	-0.01	-0.2921728.7	1009.54	-0.01	-0.3621851.4
1012.83	-0.01	-2.4721881.6	1015.86	0.06	-0.5421932.6	1018.05	0.00	0.9521999.4
1019.60	0.00	0.0022038.0	1020.30	0.00	0.0022082.0	1021.10	0.00	0.0022100.0
1023.30	0.00	0.0022158.0	1026.80	0.00	0.0022189.0	1023.60	0.00	0.0022214.0
1022.70	0.00	0.0022466.0	1022.70	0.00	0.0022678.0	1022.40	0.00	0.0022844.0

SEC NO 8.46 TIME= 110.665 HOURS WSEL= 1016.78 WIDTH= 3079.49

Z	DZ	TDZ	Y	Z	DZ	TDZ	Y	Z	DZ	TDZ	Y
1021.00	0.00	0.0019030.0		1021.00	0.00	0.0019042.0		1021.00	0.00	0.0019058.0	
1008.89	0.06	0.7919082.5		1008.88	0.06	0.1819148.3		1008.85	0.06	-1.2519199.3	
1009.91	-0.02	-1.2919266.1		1010.35	-0.03	-1.1519350.0		1008.88	0.06	-0.6219388.5	
1008.86	0.06	2.5619493.9		1008.89	0.06	1.7919584.0		1008.82	0.06	3.7119625.0	
1005.84	0.06	4.3419655.0		1005.58	0.06	4.3819675.0		1004.26	0.06	4.5619714.0	
1004.62	0.06	4.5219764.0		1004.97	0.06	4.4719826.0		1004.18	0.06	4.5819839.0	
1004.18	0.06	4.5819911.0		1004.79	0.06	4.4919954.0		1004.79	0.06	4.4920000.0	
1004.79	0.06	4.4920000.1		1005.62	-0.02	2.4220054.0		1006.34	-0.02	-0.9620123.1	
1008.05	-0.02	-1.2520196.0		1006.66	-0.02	-1.0420245.9		1005.63	-0.02	-1.4720299.5	
1009.48	-0.02	-1.3220400.1		1009.87	-0.02	-1.2320458.0		1008.32	-0.02	-2.9820542.2	
1014.49	-0.04	-1.1120566.2		1015.39	-0.04	-0.7120603.0		1012.71	-0.03	-1.7920636.5	
1012.92	-0.03	-1.1820682.9		1013.31	-0.03	-0.9920719.0		1005.85	-0.02	-3.3520738.6	
1011.62	-0.03	-1.0820755.0		1010.89	-0.03	-1.2120834.9		1008.96	-0.02	-1.8420859.6	
1011.24	-0.03	-1.0620900.0		1009.42	-0.02	-1.6820924.7		1006.70	-0.02	-2.6020950.0	
1011.18	-0.03	-1.6220979.4		1013.31	-0.03	-0.9921028.0		1013.01	-0.03	-1.0921080.9	
1012.18	-0.03	-1.3221192.8		1005.62	-0.02	-2.2821210.9		1006.02	-0.02	-2.0821263.7	
1010.10	-0.03	-1.6021330.3		1012.02	-0.03	-1.0821424.0		1006.91	-0.02	-2.5921485.1	
1006.09	-0.02	-1.0121560.9		1006.45	-0.02	-0.8521657.0		1007.83	-0.02	-1.2721706.0	
1005.62	-0.02	0.5221765.0		1005.63	-0.02	-0.6721861.4		1009.26	-0.02	-1.2421886.0	
1009.13	-0.02	-1.2721935.0		1005.77	-0.02	-1.3321982.6		1005.63	-0.02	-0.6722009.0	
1005.69	0.00	-0.6122130.7		1021.83	-0.02	-0.0722153.0		1020.70	0.00	0.0022191.0	
1020.40	0.00	0.0022200.0		1022.30	0.00	0.0022225.0		1022.00	0.00	0.0022528.0	
1020.50	0.00	0.0022840.0		1019.90	0.00	0.0023038.0		1019.30	0.00	0.0023080.0	
1022.30	0.00	0.0023109.0									

SEC NO 8.32 TIME= 110.665 HOURS WSEL= 1015.50 WIDTH= 2707.36

Z	DZ	TDZ	Y	Z	DZ	TDZ	Y	Z	DZ	TDZ	Y
1020.00	0.00	0.0019097.0		1014.01	0.04	0.4119110.6		1014.49	0.00	-0.0119205.0	
1014.28	0.00	-0.0219306.0		1014.28	0.00	-0.0219352.0		1009.64	-0.01	0.0419382.9	
1008.35	-0.01	0.3519434.3		1008.24	-0.01	-0.1619488.0		1008.21	-0.01	-0.1919559.0	
1004.81	-0.01	-1.4919599.8		1003.49	-0.02	-1.6119665.0		1003.05	-0.02	-1.8519745.0	
1003.44	-0.02	-1.7619775.0		1001.45	-0.02	-2.4519798.0		997.36	-0.01	-1.0419818.0	
997.27	-0.01	-1.1320000.0		997.27	-0.01	-1.1320029.0		998.32	-0.02	-3.3820073.0	
998.58	-0.02	-3.7220136.0		998.01	-0.02	-2.8020172.0		1000.91	-0.02	-3.4920236.2	

1007.97	-0.01	-1.1320348.0	1010.40	-0.01	-0.9020439.0	1008.94	-0.01	-0.9620532.0
1007.03	-0.01	-1.2720594.0	1007.06	-0.01	-1.2420640.0	1010.62	-0.01	-0.8820713.0
1010.63	-0.01	-0.8720789.0	1011.22	0.00	-0.8820881.0	1010.64	-0.01	-0.8620924.0
1007.92	-0.01	-0.9820990.0	1010.45	0.00	-0.8521035.0	1008.82	-0.01	-0.8821063.0
1004.44	-0.01	-2.2621081.8	1007.52	-0.01	-0.9821131.0	1008.31	-0.01	-0.8921206.0
1009.06	-0.01	-0.8421266.0	1007.48	-0.01	-0.9221330.0	1004.06	-0.01	-1.5421369.8
1007.63	-0.01	-0.8721426.0	1008.79	0.00	-0.8121475.0	1007.10	-0.01	-0.9021562.0
1004.47	-0.01	-1.6321633.8	1002.57	-0.01	-0.1321690.0	1002.02	-0.01	-0.0821727.0
1005.18	0.06	3.0821791.4	1017.10	0.00	0.0021818.0	1015.51	0.00	0.4121853.8
1018.00	0.00	0.0021924.0	1019.60	0.00	0.0021971.0	1020.10	0.00	0.0022028.0
1019.60	0.00	0.0022075.0	1018.90	0.00	0.0022200.0	1020.30	0.00	0.0022268.0
1018.80	0.00	0.0022532.0						

SEC NO 8.15 TIME= 110.665 HOURS WSEL= 1013.83 WIDTH= 2249.74

Z	DZ	TDZ	Y	Z	DZ	TDZ	Y	Z	DZ	TDZ	Y
1017.00	0.00	0.0019127.0		1012.62	0.06	2.6219142.6		1010.56	-0.01	-0.1419188.0	
1012.36	0.00	-0.0419218.0		1011.94	0.00	-0.0619307.0		1010.21	-0.01	-0.1919350.0	
1011.41	0.00	-0.0919395.0		1012.25	0.00	-0.0519447.0		1008.20	-0.01	1.1019490.0	
1001.47	-0.02	-1.0319515.1		999.17	-0.02	-3.3319574.0		1000.38	-0.03	-3.1219617.0	
1009.59	-0.01	-0.3119642.0		1009.34	-0.01	-0.3619698.0		1008.23	-0.01	-0.5719753.0	
1000.77	-0.03	-3.1319795.0		997.62	0.00	-1.8819833.0		997.47	0.00	-2.0320000.0	
997.47	0.00	-2.0320156.0		1000.59	-0.03	-3.3120292.0		1003.25	-0.02	-1.9520379.0	
1006.58	-0.02	-0.9220415.0		1010.72	-0.01	-0.1820433.0		1011.06	-0.01	-0.1420509.0	
1010.06	-0.01	-0.2420576.0		1006.45	-0.01	-0.8520625.0		1002.61	-0.02	-1.8920679.0	
999.01	-0.01	-2.9920715.0		999.19	-0.01	-2.8120817.0		999.00	-0.01	-2.6020872.0	
999.54	-0.02	-2.4620972.0		1000.34	-0.02	-2.1621051.0		1002.26	-0.02	-0.9421105.6	
1004.58	-0.01	-0.3221172.7		1004.95	-0.01	-0.7521233.0		1005.27	-0.01	-0.3321284.8	
1010.56	0.00	4.4621350.3		1013.88	0.08	0.6821387.6		1016.70	0.00	0.0021414.0	
1018.80	0.00	0.0021433.0		1016.50	0.00	0.0021451.0		1017.10	0.00	0.0021465.0	
1016.70	0.00	0.0021479.0		1017.60	0.00	0.0021525.0		1017.60	0.00	0.0021579.0	
1017.50	0.00	0.0021630.0		1017.60	0.00	0.0021764.0		1014.70	0.00	0.0022044.0	
1013.90	0.00	0.0022094.0		1015.30	0.00	0.0022137.0		1014.10	0.00	0.0022165.0	
1014.50	0.00	0.0022200.0		1017.10	0.00	0.0022272.0		1018.30	0.00	0.0022570.0	
1017.70	0.00	0.0022863.0		1016.90	0.00	0.0022934.0		1015.90	0.00	0.0023050.0	
1015.20	0.00	0.0023151.0		1016.70	0.00	0.0023193.0		1014.50	0.00	0.0023204.0	
1013.90	0.00	0.0023284.0		1015.90	0.00	0.0023320.0		1020.30	0.00	0.0023330.0	
1022.00	0.00	0.0023395.0		1022.00	0.00	0.0023482.0		1021.70	0.00	0.0023541.0	
1022.10	0.00	0.0023630.0		1022.30	0.00	0.0023774.0		1021.30	0.00	0.0023874.0	
1021.20	0.00	0.0023951.0									

SEC NO 8.04 TIME= 110.665 HOURS WSEL= 1012.69 WIDTH= 1588.43

Z	DZ	TDZ	Y	Z	DZ	TDZ	Y	Z	DZ	TDZ	Y
1015.20	0.00	0.0018938.0		1015.30	0.00	0.0019064.0		1015.50	0.00	0.0019168.0	
1018.70	0.00	0.0019297.0		1017.00	0.00	0.0019421.0		999.95	0.00	2.4519437.5	
999.62	-0.02	2.1219500.0		999.61	-0.02	2.1119600.0		999.60	-0.02	2.1019700.0	
999.59	-0.02	2.0919800.0		999.58	-0.02	2.0819900.0		999.57	-0.02	2.0720000.0	
999.56	-0.02	2.0620100.0		998.96	-0.02	1.4720200.0		998.98	-0.02	1.4820300.0	
998.99	-0.02	1.4920400.0		999.00	-0.02	1.5020500.0		999.01	-0.02	1.5120600.0	
999.02	-0.02	1.5220700.0		999.03	-0.02	1.5320800.0		999.05	-0.02	1.5420900.0	
999.39	0.00	1.8920993.8		1017.00	0.00	0.0021020.0					

SEC NO 7.94 TIME= 110.665 HOURS WSEL= 1012.26 WIDTH= 3393.92

Z	DZ	TDZ	Y	Z	DZ	TDZ	Y	Z	DZ	TDZ	Y
1012.43	0.00	0.0017741.0		1010.45	0.03	0.8517930.5		1010.12	0.00	0.0218050.0	
1009.50	0.00	0.2018104.1		1009.11	0.00	0.1118139.1		1009.00	0.00	0.0018357.0	
1009.20	0.00	0.0018382.0		1002.45	0.01	-2.1518405.5		1002.26	0.01	-2.3418483.6	
1014.90	0.00	0.0018508.0		1019.30	0.00	0.0018550.0		1002.25	0.01	-2.3518578.4	
1002.21	0.01	-2.1918608.9		1000.01	0.01	3.1118657.4		996.43	0.01	-0.8718874.3	
1018.60	0.00	0.0018925.0		1012.90	0.00	0.0018960.0		1009.82	0.00	0.0219055.0	
1011.32	0.00	0.0219110.0		1008.59	0.00	-0.0119228.0		1003.70	0.01	-2.7019270.7	
1011.32	0.00	0.0219288.0		997.24	0.01	-1.2619341.7		1000.60	0.01	-1.1019568.0	
999.80	0.01	0.9019926.0		999.81	0.01	0.9120000.0		999.83	0.01	2.6320357.0	
1001.36	0.01	-1.2420390.0		999.85	0.01	0.5520418.0		999.87	0.01	2.5720451.0	
999.87	0.01	2.5720529.0		1001.44	0.01	-2.2620536.2		1002.38	0.01	-1.3220640.0	
999.90	0.01	2.6020655.8		999.91	0.01	2.6120711.0		999.92	0.01	-0.6820737.0	
998.98	0.01	-1.6220776.3		1010.02	0.00	0.0220808.0		1011.02	0.00	0.0221048.0	
1011.02	0.00	0.0221114.0		1014.20	0.00	0.0021125.0		1012.90	0.00	0.0021177.0	
1010.79	0.11	3.0921282.1		1012.31	0.00	0.2121371.9		1012.40	0.00	0.0021455.0	

SEC NO 7.84 TIME= 110.665 HOURS WSEL= 1011.57 WIDTH= 5301.28

Z	DZ	TDZ	Y	Z	DZ	TDZ	Y	Z	DZ	TDZ	Y
1012.40	0.00	0.0016562.0		1012.80	0.00	0.0016600.0		1008.85	-0.04	-1.1516632.0	
1008.83	-0.04	-0.1717606.7		1008.71	0.03	-0.0917729.3		1009.36	-0.04	-1.0417781.0	
999.27	0.04	2.0718076.9		1000.04	0.04	3.9418189.0		1005.48	0.04	0.4818206.0	
999.98	0.04	-2.6218332.7		1008.83	-0.04	-1.7718348.0		999.81	0.04	-2.7918360.7	
1011.14	-0.05	-0.1618384.0		998.05	0.04	-1.9518418.1		1001.58	0.04	2.1818568.0	
1000.03	0.04	3.6318593.0		999.45	0.04	3.0518746.7		1008.78	-0.04	-0.0218787.4	
1008.81	-0.04	-1.3918810.9		1016.30	0.00	0.0018855.0		997.85	-0.03	-4.1518893.0	
1001.24	0.04	2.3419041.0		1000.06	0.04	2.7519173.0		1002.69	0.04	0.1919199.7	
1005.09	0.04	0.4919407.0		1000.03	0.04	1.5319999.2		1000.02	0.04	3.8220126.0	
1000.02	0.04	3.8220187.0		1000.18	0.04	2.7820207.0		1000.04	0.04	4.3420222.0	
1000.02	0.04	4.3220472.2		1005.86	0.03	0.4620551.0		1000.03	0.04	5.6320578.8	
998.52	0.04	2.7220634.0		1009.04	0.03	-0.5620667.0		1007.05	0.03	-0.1520739.9	
1008.85	-0.04	-1.1520858.0		1012.00	0.00	0.0020965.0		1011.14	-0.05	-0.1621046.9	
1011.14	-0.05	-0.1621825.0		1011.14	-0.05	-0.1621997.1		1014.00	0.00	0.0022078.0	
1016.90	0.00	0.0022968.0		1017.80	0.00	0.0023016.0		1017.70	0.00	0.0023405.0	
1017.70	0.00	0.0023500.0		1016.60	0.00	0.0023623.0		1019.00	0.00	0.0025211.0	
1021.40	0.00	0.0025245.0		1021.40	0.00	0.0025387.0		1023.00	0.00	0.0025990.0	
1023.40	0.00	0.0026034.0		1021.30	0.00	0.0026074.0		1025.90	0.00	0.0027246.0	
1026.70	0.00	0.0027800.0									

SEC NO 7.65 TIME= 110.665 HOURS WSEL= 1009.69 WIDTH= 4884.33

Z	DZ	TDZ	Y	Z	DZ	TDZ	Y	Z	DZ	TDZ	Y
1012.00	0.00	0.0015877.0		1012.80	0.00	0.0016500.0		1013.90	0.00	0.0016523.0	
1012.80	0.00	0.0016565.0		1014.99	0.00	-0.0116586.0		1007.31	0.03	-0.0916596.9	
1014.30	0.00	0.0016620.0		1013.60	0.00	0.0016659.0		1013.10	0.00	0.0016800.0	
1007.46	0.00	-0.8416834.7		1007.54	0.00	-0.3616900.0		1007.36	0.00	-0.8417875.3	
1009.60	0.00	0.0017941.0		1007.56	0.00	-0.8418034.7		1004.28	0.00	0.5818324.2	
1004.42	0.00	0.0218466.0		999.93	-0.01	1.4318506.8		997.97	-0.01	-0.0318560.0	
1001.71	-0.01	0.1118686.0		1000.61	-0.01	0.0118809.0		998.28	-0.01	-0.2218898.0	
1000.42	-0.01	-0.0819050.0		1006.06	0.00	-0.1419177.0		1004.66	0.00	-0.1419361.0	
1003.29	-0.01	0.0919632.0		999.79	-0.01	-0.4119775.0		993.78	-0.01	-1.5219824.0	
995.23	-0.01	-1.3719969.0		995.20	-0.01	-1.4020000.0		991.99	-0.02	-2.1120080.0	
992.46	-0.01	-1.7420350.0		993.45	-0.01	-1.5520367.0		993.38	-0.01	-1.5220411.0	
997.88	-0.01	-0.7220448.0		994.69	-0.01	-1.1120626.0		997.48	-0.01	0.8820683.0	

1006.23	0.00	0.1320708.0	1007.38	0.00	-0.0220794.1	1008.12	0.00	-0.3820885.3
1009.60	0.00	0.0021378.0	1009.61	0.00	0.0121687.0	1010.50	0.00	0.0021765.0
1012.60	0.00	0.0021802.0	1013.80	0.00	0.0021979.0	1010.50	0.00	0.0022033.0
1013.40	0.00	0.0022071.0	1013.70	0.00	0.0022085.0	1011.70	0.00	0.0022372.0
1014.00	0.00	0.0023308.0	1016.10	0.00	0.0023679.0	1016.20	0.00	0.0023724.0
1015.80	0.00	0.0023800.0	1018.40	0.00	0.0025018.0	1020.60	0.00	0.0025052.0
1018.80	0.00	0.0025087.0	1022.10	0.00	0.0026272.0	1024.00	0.00	0.0026294.0
1025.10	0.00	0.0026336.0	1023.60	0.00	0.0026375.0	1026.10	0.00	0.0027244.0
1027.40	0.00	0.0027800.0						

SEC NO 7.50 TIME= 110.665 HOURS WSEL= 1008.09 WIDTH= 4750.95

Z	DZ	TDZ	Y	Z	DZ	TDZ	Y	Z	DZ	TDZ	Y
1012.70	0.00	0.0016573.0		1012.20	0.00	0.0016597.0		1005.80	0.01	-0.1016717.9	
1006.69	0.00	-0.0117100.0		1007.40	0.00	0.0018106.0		1008.10	0.00	0.0018155.0	
1006.45	0.00	-0.1518362.0		1002.91	0.00	3.5118379.0		997.57	0.00	-0.0318523.0	
996.14	0.00	-0.0618590.0		1000.78	0.00	-0.0218798.0		1003.46	0.00	-0.1418970.0	
1001.78	0.00	-0.0219017.0		1001.23	0.00	-0.5719060.3		1007.80	0.00	0.0019083.0	
1002.25	0.00	-0.5519144.7		1001.21	0.00	-0.5919271.3		1013.80	0.00	0.0019364.0	
1006.10	0.00	-0.3019399.9		1004.06	0.00	-0.5419429.8		1005.25	0.00	-0.1519728.0	
992.77	-0.01	-0.8319803.0		993.34	-0.01	-0.8620000.0		993.10	-0.01	-1.1020358.0	
997.30	-0.01	-0.7020478.0		991.64	-0.01	-1.3620491.0		990.90	-0.01	-1.4920551.0	
993.86	-0.01	-1.1420582.0		997.47	-0.01	-0.7320630.0		989.75	-0.01	-1.2520696.0	
989.75	-0.01	-1.2520774.0		998.59	-0.01	-0.6120797.0		997.50	-0.01	-0.7020949.0	
1001.18	0.00	-0.2221020.0		999.34	-0.01	0.7421049.2		1003.72	0.00	0.4221091.7	
1004.53	0.00	-0.4721123.3		1007.19	0.00	-0.0121302.0		1008.20	0.00	0.0021510.0	
1011.40	0.00	0.0021585.0		1012.60	0.00	0.0021665.0		1010.90	0.00	0.0022473.0	
1006.34	0.05	0.6422484.0		1012.10	0.00	0.0022498.0		1010.20	0.00	0.0022552.0	
1011.80	0.00	0.0022662.0		1015.10	0.00	0.0023907.0		1015.70	0.00	0.0024000.0	
1019.30	0.00	0.0025236.0		1019.00	0.00	0.0025285.0		1024.00	0.00	0.0026503.0	
1024.30	0.00	0.0026525.0		1024.70	0.00	0.0026554.0		1025.00	0.00	0.0026583.0	
1024.00	0.00	0.0026618.0		1026.30	0.00	0.0027601.0		1028.50	0.00	0.0028300.0	

SEC NO 7.35 TIME= 110.665 HOURS WSEL= 1006.54 WIDTH= 4509.70

Z	DZ	TDZ	Y	Z	DZ	TDZ	Y	Z	DZ	TDZ	Y
1008.50	0.00	0.0015651.0		1009.40	0.00	0.0016240.0		1009.70	0.00	0.0016491.0	
1010.20	0.00	0.0016561.0		1007.70	0.00	0.0016641.0		1005.07	0.06	0.3716683.1	
1004.55	0.00	0.2517157.1		1004.05	0.00	0.1517300.2		1004.72	0.00	-0.8817425.3	
1005.98	0.00	-0.1217720.0		1007.30	0.00	0.0017893.0		1005.98	0.00	-0.1218120.0	
1006.20	0.00	0.0018215.0		1003.59	0.00	-0.5118279.6		1007.40	0.00	0.0018329.0	
1001.46	0.00	3.6618375.0		997.03	-0.01	0.1318511.0		998.71	-0.01	0.1118674.0	
996.56	-0.01	0.0618737.0		1000.34	0.00	-0.5618912.4		1006.40	0.00	0.0018927.0	
1004.51	0.00	-0.6918971.6		1000.58	0.00	0.0819023.0		1002.93	0.00	0.1319105.0	
1003.53	0.00	0.1319167.0		1000.55	0.00	0.0519250.0		1003.53	0.00	0.1319311.0	
1003.73	0.00	0.1319452.0		1003.83	0.00	0.1319603.0		1004.54	0.00	-0.2619651.0	
992.29	-0.01	-0.7119721.0		992.09	-0.01	-0.9120000.0		992.03	-0.01	-0.9720089.0	
995.09	-0.01	-0.7120237.0		996.26	-0.01	-0.6420467.0		989.21	-0.02	-1.5920496.0	
989.18	-0.02	-1.6220530.0		993.78	-0.01	-1.0220541.0		994.23	-0.01	-0.9720568.0	
990.04	-0.02	-1.5620604.0		989.96	-0.02	-1.6420711.0		991.09	-0.02	-1.5120749.0	
989.43	-0.02	-1.7720788.0		996.24	-0.01	-0.7620800.0		988.95	-0.02	-1.8520822.0	
992.10	-0.02	-1.3020918.0		998.30	-0.01	-0.3020946.9		999.62	-0.01	0.3221000.7	
1004.72	0.00	0.1221045.0		1003.09	0.00	0.0921081.0		1002.10	0.00	0.1021158.0	
1004.72	0.00	0.1221242.0		1002.52	0.00	0.1221342.0		1008.40	0.00	0.0021390.0	
1009.20	0.00	0.0021557.0		1010.00	0.00	0.0021668.0		1005.24	0.06	0.2421720.1	
1008.20	0.00	0.0021780.0		1008.60	0.00	0.0022040.0		1015.40	0.00	0.0024164.0	

1016.30	0.00	0.0024195.0	1016.30	0.00	0.0024300.0	1021.00	0.00	0.0025891.0
1023.00	0.00	0.0026790.0	1024.70	0.00	0.0026823.0	1022.90	0.00	0.0026863.0
1024.60	0.00	0.0026890.0	1022.60	0.00	0.0026944.0	1027.30	0.00	0.0028161.0
1028.20	0.00	0.0028206.0	1026.90	0.00	0.0028243.0	1028.10	0.00	0.0028600.0

SEC NO 7.21 TIME= 110.665 HOURS WSEL= 1005.13 WIDTH= 4937.63

Z	DZ	TDZ Y	Z	DZ	TDZ Y	Z	DZ	TDZ Y
1007.50	0.00	0.0015824.0	1008.70	0.00	0.0015856.0	1007.30	0.00	0.0015901.0
1002.30	0.01	-0.6016960.6	1002.02	0.00	-0.1817068.8	1002.00	0.00	-0.1017161.1
1001.93	0.00	-0.6717304.4	1002.93	0.00	-0.7717500.2	1005.00	0.00	0.0017637.0
997.89	0.00	-2.3117678.3	1004.60	0.00	0.0017711.0	1004.13	0.00	-0.0717929.0
1005.00	0.00	0.0018146.0	999.84	0.00	-1.8618183.9	1001.60	0.00	-0.1018207.0
995.16	0.00	-1.3418221.2	996.07	0.00	-0.9318276.3	999.61	0.00	-0.7918327.0
997.90	0.00	-1.1018385.3	996.17	0.00	-0.0218397.4	996.19	0.00	1.5918666.0
994.62	0.00	2.1218692.0	995.26	0.00	0.4618745.9	996.46	0.00	-3.1418811.0
1004.60	0.00	0.0018825.0	1006.40	0.00	0.0019072.0	998.66	0.00	-2.5419214.7
1001.99	0.00	-0.2119352.0	997.80	0.00	-1.8019378.8	995.81	0.00	-2.5919449.5
1001.59	0.00	-0.1119492.0	994.86	-0.01	-1.3419538.2	996.17	0.00	-0.3319595.0
995.02	-0.01	2.0219629.0	995.01	-0.01	2.0119978.0	995.36	-0.01	1.9620000.0
996.14	-0.01	0.4420196.0	995.35	-0.01	1.9520284.0	993.12	-0.01	2.2220297.0
991.91	-0.01	2.3120808.0	996.21	-0.01	-0.3920827.0	995.32	-0.01	1.9220997.0
986.81	-0.01	-1.7921059.0	986.61	-0.01	-2.1921102.8	1003.56	0.00	-0.4421187.1
1006.60	0.00	0.0021771.0	1010.00	0.00	0.0021789.0	1010.00	0.00	0.0021819.0
1004.10	0.05	0.5021831.2	1006.40	0.00	0.0021847.0	1009.30	0.00	0.0022605.0
1014.60	0.00	0.0024399.0	1015.40	0.00	0.0024500.0	1018.50	0.00	0.0025370.0
1020.80	0.00	0.0026381.0	1021.60	0.00	0.0026567.0	1023.40	0.00	0.0027058.0
1025.90	0.00	0.0027069.0	1025.10	0.00	0.0027108.0	1027.00	0.00	0.0027140.0
1024.60	0.00	0.0027173.0	1026.10	0.00	0.0028054.0	1026.90	0.00	0.0028447.0
1025.80	0.00	0.0028491.0	1027.10	0.00	0.0028800.0			

SEC NO 7.03 TIME= 110.665 HOURS WSEL= 1003.45 WIDTH= 4986.46

Z	DZ	TDZ Y	Z	DZ	TDZ Y	Z	DZ	TDZ Y
1004.20	0.00	0.0016215.0	1002.21	0.04	2.0117222.2	1001.78	0.00	-0.0117542.0
999.22	0.00	0.9217635.6	1000.24	0.00	-0.0617686.0	997.86	0.00	0.1617737.2
1002.39	0.00	-0.0117767.0	1000.85	0.00	-0.0518051.0	1001.37	0.00	-0.0318175.0
996.78	-0.01	0.3818212.4	993.42	-0.01	-0.2818275.1	996.47	-0.01	-0.3318339.0
990.23	-0.01	-0.7718402.0	991.20	-0.01	-0.8018531.0	993.10	-0.01	-0.7018619.0
998.14	0.00	-0.2618696.0	997.35	-0.01	-0.3518832.0	994.76	-0.01	-0.6418855.0
995.87	-0.01	-0.5318938.0	995.62	-0.01	-0.5819020.0	997.42	-0.01	-0.3819048.0
990.65	-0.01	-1.3519109.0	990.10	-0.01	-1.5019188.0	996.02	-0.01	-0.5819229.0
994.79	-0.01	-0.8119362.0	996.66	-0.01	-0.5419466.0	1000.38	0.00	-0.1219541.0
997.79	-0.01	-0.4119594.0	989.61	-0.02	-1.9919668.0	989.36	-0.02	-2.2419915.0
992.97	-0.01	-1.4319949.0	992.14	-0.01	-1.6620000.0	988.90	-0.02	-2.5020121.0
987.50	-0.01	-2.6020145.0	992.84	-0.01	-1.5620170.0	991.90	-0.02	-1.9020355.0
988.83	-0.02	-2.7720454.0	985.74	0.00	-1.1620486.0	985.96	0.00	-1.6420619.0
997.59	-0.01	-0.5120641.0	998.38	-0.01	-0.0220749.8	1000.99	0.00	-0.0120880.0
1001.43	0.00	0.2321070.8	1001.96	0.00	0.1621154.9	1003.20	0.00	0.0021183.0
1002.71	0.02	0.5121236.7	1004.50	0.00	0.0022041.0	1008.00	0.00	0.0022060.0
1006.40	0.00	0.0022097.0	1006.20	0.00	0.0022134.0	1007.00	0.00	0.0022194.0
1009.00	0.00	0.0023041.0	1011.00	0.00	0.0023279.0	1011.00	0.00	0.0023354.0
1012.90	0.00	0.0023774.0	1011.70	0.00	0.0023967.0	1012.90	0.00	0.0024168.0
1014.10	0.00	0.0024539.0	1014.70	0.00	0.0024724.0	1014.60	0.00	0.0024800.0
1015.60	0.00	0.0025001.0	1016.40	0.00	0.0025733.0	1019.00	0.00	0.0025760.0
1016.80	0.00	0.0025777.0	1016.80	0.00	0.0025906.0			

SEC NO 6.86 TIME= 110.665 HOURS WSEL= 1002.03 WIDTH= 4543.70

Z	DZ	TDZ	Y	Z	DZ	TDZ	Y	Z	DZ	TDZ	Y
1004.10	0.00	0.0016	520.0	1004.10	0.00	0.0016	521.0	1004.10	0.00	0.0016	522.0
1004.10	0.00	0.0016	523.0	1004.10	0.00	0.0016	528.0	1001.04	-0.04	-0.4616	785.7
997.05	0.01	-1.2517	003.9	997.03	0.01	-0.0717	124.7	996.84	0.01	0.5417	307.7
993.80	0.01	0.2017	352.8	996.47	0.01	-1.1317	406.0	1000.48	0.01	-0.3217	599.0
997.04	0.01	-1.7617	805.4	993.22	0.01	-0.6817	823.6	995.57	0.01	0.7717	977.0
991.81	0.01	-0.8918	059.5	999.53	0.01	-0.5718	086.0	998.87	0.01	-0.8318	189.9
990.42	0.01	-0.4818	223.3	994.11	0.01	2.1218	504.0	990.26	0.01	2.6618	527.0
989.89	0.01	2.2918	597.2	995.88	0.01	0.7818	633.0	991.72	0.01	1.8218	655.9
995.76	0.01	0.2618	685.4	997.04	0.01	0.2418	890.0	990.81	0.01	1.2118	934.2
993.52	0.01	2.2219	052.0	992.43	0.01	-0.2719	101.4	997.90	0.01	-1.0019	346.0
997.04	0.01	-0.6619	517.6	993.78	0.01	-0.3219	546.0	996.10	0.01	0.8019	714.0
995.24	0.01	0.5419	834.8	992.89	0.01	2.0919	999.9	991.69	0.01	2.4920	099.0
991.69	0.01	2.4920	226.0	993.69	0.01	2.1920	322.0	990.35	0.01	2.6520	421.0
987.93	0.01	1.0320	838.1	996.58	0.01	-1.1220	863.1	1000.52	-0.04	-0.6820	925.5
1002.90	0.00	0.0021	005.0	1001.23	-0.04	-0.3721	027.8	1005.00	0.00	0.0022	316.0
1007.30	0.00	0.0022	342.0	1006.90	0.00	0.0022	399.0	1008.10	0.00	0.0022	701.0
1009.60	0.00	0.0023	500.0								

SEC NO 6.73 TIME= 110.665 HOURS WSEL= 1001.06 WIDTH= 4216.54

Z	DZ	TDZ	Y	Z	DZ	TDZ	Y	Z	DZ	TDZ	Y
1001.70	0.00	0.0016	658.0	1000.27	-0.05	-0.4316	862.7	996.73	0.01	0.2316	917.0
998.14	0.01	-0.5617	096.0	990.02	0.02	-0.2817	209.0	996.73	0.01	-0.0717	253.0
996.11	0.01	0.0117	369.9	999.09	0.01	-0.6117	639.0	989.94	0.02	-1.3617	660.9
995.90	0.01	-0.1017	970.1	998.14	0.01	-0.5618	006.0	996.96	0.01	-0.5418	121.0
991.46	0.02	-2.1418	145.1	991.69	0.02	-1.0118	293.8	989.28	0.02	0.4818	420.5
994.13	0.01	-0.3718	476.0	987.29	0.02	0.4918	528.5	988.70	0.02	1.2018	629.0
990.84	0.02	1.1518	666.0	988.47	0.02	-0.4318	731.0	996.07	0.01	0.0718	884.0
993.20	0.01	-0.9019	029.6	997.78	-0.05	-0.2219	088.1	999.15	-0.05	-0.9519	300.0
997.18	0.01	0.0819	415.9	994.74	0.01	-0.7619	601.6	992.18	0.02	-0.1219	761.3
990.89	0.02	1.2919	798.0	992.30	0.02	1.2019	974.0	992.48	0.01	1.1820	000.0
988.77	0.02	1.4720	144.0	987.10	0.02	-0.2020	658.1	998.25	-0.05	-1.0520	719.0
992.45	0.01	-0.6520	768.9	993.95	0.01	0.3520	856.4	997.79	-0.05	0.1920	896.0
997.82	-0.05	0.2220	952.0	1003.60	0.00	0.0020	985.0	1001.30	0.00	0.0021	026.0
1002.70	0.00	0.0021	217.0	1005.40	0.00	0.0022	559.0	1007.70	0.00	0.0022	586.0
1007.80	0.00	0.0022	630.0	1005.80	0.00	0.0022	668.0	1009.20	0.00	0.0023	600.0

SEC NO 6.55 TIME= 110.665 HOURS WSEL= 1000.04 WIDTH= 4149.44

Z	DZ	TDZ	Y	Z	DZ	TDZ	Y	Z	DZ	TDZ	Y
1000.14	0.00	0.0016	200.0	1001.60	0.00	0.0016	844.0	1001.60	0.00	0.0016	965.0
999.02	-0.04	-0.4817	031.7	994.41	0.01	1.2117	094.4	994.81	0.01	-0.3917	669.0
992.42	0.01	2.1217	703.9	994.09	0.01	0.4918	296.0	987.30	0.01	0.6018	360.0
986.14	0.02	0.5418	509.0	994.22	0.01	-0.0718	578.3	998.92	0.01	-0.1818	753.0
993.15	0.01	-0.0518	769.7	993.59	0.01	0.4918	825.0	996.60	0.01	-0.5018	899.0
993.71	0.01	0.0118	964.3	997.80	-0.03	-1.1019	047.5	1000.70	0.00	0.0019	185.0
984.86	-0.03	-1.6419	246.2	986.00	0.02	-0.7019	600.0	985.76	0.02	-0.9419	784.0
987.89	0.01	-0.6119	892.0	990.82	0.01	0.0220	000.0	994.37	0.01	0.4720	054.0
992.19	0.01	0.2920	345.0	983.53	0.02	-2.0620	462.0	983.77	0.02	-1.8320	598.9
994.50	0.01	0.5020	696.0	995.17	0.01	0.6720	878.9	995.85	-0.03	-0.9521	106.8

1001.60	0.00	0.0021135.0	998.56	-0.04	-0.6421141.6	1000.90	0.00	0.0021235.0
1002.00	0.00	0.0021440.0	1005.60	0.00	0.0022834.0	1009.30	0.00	0.0022860.0
1007.40	0.00	0.0022921.0	1006.80	0.00	0.0022986.0	1009.30	0.00	0.0023900.0

SEC NO 6.38 TIME= 110.665 HOURS WSEL= 999.18 WIDTH= 6325.09

Z	DZ	TDZ	Y	Z	DZ	TDZ	Y	Z	DZ	TDZ	Y
999.41	0.00	0.0014420.0		996.30	0.03	0.3014450.1		998.00	0.00	0.0014510.0	
997.53	0.00	-0.0715547.0		997.53	0.00	-0.0715799.0		998.10	0.00	0.0016400.0	
999.60	0.00	0.0016860.0		1000.00	0.00	0.0017163.0		998.80	0.00	0.0017791.0	
994.78	0.00	-0.4217874.7		995.16	0.00	-0.0417968.0		988.16	0.00	0.0618004.2	
988.15	0.00	0.1518210.0		987.36	0.00	1.4618256.0		989.16	0.00	-0.7418298.0	
988.26	0.00	-0.6418477.0		982.72	0.00	1.5218538.0		982.72	0.00	1.5218753.0	
986.03	0.00	1.2318852.0		987.13	0.00	0.4319145.0		988.06	0.00	-0.0419470.3	
991.40	0.00	0.1019712.1		991.81	0.00	0.2119851.0		989.59	0.00	-0.3119983.7	
988.85	0.00	0.3520000.0		986.01	0.00	1.7120169.0		985.29	0.00	0.9920404.4	
994.08	0.00	-0.7220448.1		995.29	0.00	-0.4120564.0		995.68	0.00	-0.3220655.0	
992.53	0.00	-1.1720808.7		995.82	0.00	-0.2820917.0		995.82	0.00	-0.2820985.0	
992.11	0.00	-0.5921024.4		995.58	0.00	-0.3221080.0		994.04	0.00	-0.7621158.8	
992.14	0.00	-0.3621199.5		994.19	0.00	-0.6121263.1		994.77	0.00	-0.4321350.0	
992.31	0.00	-0.3921400.5		993.88	0.00	-0.6221436.0		992.75	0.00	-0.5521561.1	
1003.50	0.00	0.0021628.0		1002.70	0.00	0.0021772.0		999.07	0.02	0.1721816.9	
1003.30	0.00	0.0021850.0		1003.20	0.00	0.0021919.0		1001.60	0.00	0.0021929.0	
1006.50	0.00	0.0023090.0		1008.00	0.00	0.0023146.0					

SEC NO 6.25 TIME= 110.665 HOURS WSEL= 998.46 WIDTH= 7888.01

Z	DZ	TDZ	Y	Z	DZ	TDZ	Y	Z	DZ	TDZ	Y
998.62	0.00	0.0013703.0		998.90	0.00	0.0013716.0		999.60	0.00	0.0013751.0	
998.32	0.03	0.3213782.2		995.35	0.00	1.0514097.6		994.30	0.00	0.0014125.0	
996.00	0.00	0.0014164.0		995.50	0.00	0.0014657.0		994.90	0.00	0.0014694.0	
995.30	0.00	0.0014833.0		996.40	0.00	0.0015647.0		996.70	0.00	0.0016061.0	
998.40	0.00	0.0016600.0		998.50	0.00	0.0017299.0		999.90	0.00	0.0017381.0	
998.40	0.00	0.0017430.0		997.10	0.00	0.0017921.0		993.73	0.00	0.0318104.1	
993.45	0.00	-0.0518243.0		983.82	-0.01	-0.2818284.5		980.72	-0.01	-1.5818363.0	
978.65	0.00	-0.5518385.0		978.65	0.00	-0.5518610.0		981.80	-0.01	-1.4018662.0	
983.82	-0.01	-0.9818954.0		989.00	-0.01	-0.3019189.0		989.23	-0.01	-0.2719382.0	
985.94	-0.01	-0.5619425.0		989.24	-0.01	-0.2619458.0		991.97	0.00	-0.1319633.0	
989.47	-0.01	-0.2319714.0		985.63	-0.01	-0.4719785.0		988.45	-0.01	-0.2519958.0	
979.83	-0.01	-0.5719983.0		979.84	-0.01	-0.5620000.0		983.04	-0.01	-0.4620112.0	
988.70	0.00	-0.2020260.0		981.88	-0.01	-0.4220286.0		984.57	-0.01	2.1720342.5	
992.21	0.00	-0.0920373.0		990.70	0.00	1.0020437.3		991.90	0.00	-0.1020506.0	
1000.40	0.00	0.0020569.0		996.30	0.00	0.0020593.0		995.99	0.00	-0.0120735.0	
995.49	0.00	-0.0120854.0		991.68	0.00	0.1820887.8		994.68	0.00	-0.0220945.0	
992.46	0.00	0.4621047.7		993.96	0.00	0.7621203.5		995.18	0.00	0.3821404.8	
998.24	0.01	0.1422081.9		1001.70	0.00	0.0022122.0		1000.70	0.00	0.0022175.0	
1005.60	0.00	0.0023314.0									

SEC NO 6.11 TIME= 110.665 HOURS WSEL= 997.69 WIDTH= 5876.59

Z	DZ	TDZ	Y	Z	DZ	TDZ	Y	Z	DZ	TDZ	Y
997.78	0.00	0.0016209.0		996.09	0.00	-0.0116733.0		996.80	0.00	0.0016900.0	
997.50	0.00	0.0017488.0		998.30	0.00	0.0017594.0		997.70	0.00	0.0017610.0	
995.50	0.00	0.0017838.0		992.57	0.00	0.0718006.0		993.16	0.00	0.0618393.0	

993.16	0.00	0.0618485.0	980.43	-0.01	0.8318579.0	980.42	-0.01	0.8218856.0
984.17	-0.01	0.6718948.0	983.58	-0.01	0.6819276.0	983.58	-0.01	0.6819373.0
986.48	0.00	0.4819418.0	983.57	-0.01	0.6719526.0	984.62	-0.01	0.6219709.0
980.45	-0.01	0.7520000.0	979.67	-0.01	0.7720100.0	982.68	-0.01	0.6820149.0
988.73	0.00	0.2320175.0	988.64	0.00	0.2420339.0	988.54	0.00	0.2420483.0
984.33	-0.01	0.6320523.0	987.78	0.00	0.2820568.0	990.27	0.00	0.1720650.0
990.64	0.00	0.1420753.0	989.52	0.00	0.2220828.0	991.98	0.00	0.0820896.0
995.89	0.00	-0.0121766.0	998.10	0.00	0.0022313.0	1000.70	0.00	0.0022362.0
1005.60	0.00	0.0023502.0	1007.30	0.00	0.0023537.0	1006.10	0.00	0.0023573.0
1006.20	0.00	0.0023982.0	1007.40	0.00	0.0024600.0			

TIME=166.665 HRS. DT= 2400. SECS. TIME STEP= 210

SEC. NO.	W.S.ELEV. FEET	WIDTH FEET	DEPTH FEET	Q CFS	V FPS	SLOPE	D50 MM	QS CFS	FR
6.03	986.17	1382.37	7.37	40001.6	6.04	0.00223	12.17	14.45	0.49
6.11	987.19	1698.63	7.68	40001.6	5.58	0.00225	11.43	13.49	0.48
6.25	988.79	1725.14	8.72	40001.6	5.51	0.00220	14.46	11.47	0.47
6.38	990.45	2119.90	8.40	40001.6	5.24	0.00245	20.47	10.05	0.49
6.55	992.18	1422.93	8.62	40001.6	5.26	0.00147	15.03	6.84	0.40
6.73	993.99	2206.30	7.17	40001.6	5.20	0.00253	23.55	9.11	0.49
6.86	995.70	2432.58	8.57	40001.6	4.66	0.00200	22.60	6.68	0.44
7.03	997.16	2151.58	10.49	40001.6	4.20	0.00120	14.60	4.65	0.35
7.21	998.45	2342.90	12.40	40001.6	4.51	0.00170	22.58	5.50	0.41
7.35	999.61	1877.27	9.82	40001.6	4.57	0.00133	21.14	4.65	0.37
7.50	1000.72	1860.80	9.99	40001.6	4.87	0.00163	24.90	5.20	0.41
7.65	1001.97	1662.18	9.54	40001.6	5.00	0.00151	23.74	4.96	0.40
7.84	1003.85	2209.85	7.40	40001.6	5.18	0.00250	34.25	6.02	0.49
7.94	1005.06	2001.02	10.36	40001.6	4.76	0.00166	30.99	4.46	0.41
8.04	1005.80	1571.46	6.35	40001.6	4.24	0.00097	21.62	3.67	0.30
8.15	1006.43	1567.66	7.45	40001.6	5.13	0.00154	24.49	5.16	0.41
8.32	1007.90	1551.86	10.45	40001.6	5.64	0.00207	30.25	6.13	0.47
8.46	1009.79	2419.17	6.52	40001.6	5.36	0.00317	32.60	7.71	0.54
8.61	1011.91	2459.45	7.26	40001.6	4.59	0.00193	32.93	3.45	0.43
8.72	1013.09	2802.90	6.29	40001.6	4.47	0.00210	34.68	3.30	0.44
8.85	1014.44	2795.04	7.04	40001.6	4.14	0.00161	35.78	1.96	0.39
8.98	1015.22	1930.80	8.17	40001.6	3.67	0.00066	36.05	0.55	0.27
9.10	1015.64	2169.33	8.66	40001.6	3.40	0.00060	34.73	0.41	0.26
9.26	1015.97	1842.24	30.21	40001.6	1.69	0.00005	19.08	0.02	0.08
9.38	1016.02	2041.22	27.98	40001.6	1.02	0.00001	7.88	0.01	0.04
9.54	1016.03	2256.52	19.02	40001.6	1.28	0.00002	0.70	0.07	0.06
9.66	1015.95	1267.62	8.71	40001.6	4.44	0.00071	19.27	5.08	0.29
9.79	1016.26	697.62	15.51	40001.6	5.07	0.00050	12.38	5.08	0.27
9.87	1016.43	645.75	17.33	40001.6	5.45	0.00058	14.61	5.75	0.29
10.00	1016.79	603.62	16.38	41068.3	5.87	0.00067	16.95	6.08	0.30
10.06	1016.98	364.17	23.25	41068.3	5.89	0.00051	15.77	6.41	0.24
10.20	1017.32	551.20	14.91	41068.3	7.65	0.00141	28.81	10.11	0.43
10.38	1018.90	669.30	11.83	41068.3	8.38	0.00245	35.26	13.00	0.55
10.56	1021.47	799.06	13.25	41068.3	8.08	0.00276	35.60	13.58	0.56
10.74	1024.83	1629.96	6.21	41068.3	6.49	0.00342	34.10	12.96	0.58
10.89	1027.03	1858.89	7.25	41068.3	4.94	0.00165	31.89	5.14	0.41
11.04	1027.97	1520.64	14.48	41068.3	3.91	0.00058	28.86	2.70	0.26
11.13	1028.29	1856.42	16.29	41068.3	3.16	0.00037	10.25	2.45	0.21

SEC NO 6.11 TIME= 170.665 HOURS WSEL= 986.87 WIDTH= 1688.06

Z	DZ	TDZ	Y	Z	DZ	TDZ	Y	Z	DZ	TDZ	Y
997.78	0.00	0.0016209.0		996.13	0.00	0.0316733.0		996.80	0.00	0.0016900.0	
997.50	0.00	0.0017488.0		998.30	0.00	0.0017594.0		997.70	0.00	0.0017610.0	
995.55	0.00	0.0517838.0		992.68	0.00	0.1818006.0		993.26	0.00	0.1618393.0	
993.26	0.00	0.1618485.0		980.65	0.00	1.0518579.0		980.55	0.00	0.9518856.0	
984.33	0.00	0.8318948.0		983.68	0.00	0.7819276.0		983.66	-0.01	0.7619373.0	
986.64	0.00	0.6419418.0		983.63	-0.01	0.7219526.0		984.69	0.00	0.6919709.0	
980.22	-0.02	0.5220000.0		979.41	-0.02	0.5120100.0		982.59	-0.01	0.5920149.0	
988.90	0.00	0.4020175.0		988.81	0.00	0.4120339.0		988.72	0.00	0.4220483.0	
984.39	-0.01	0.6920523.0		987.97	0.00	0.4720568.0		990.40	0.00	0.3020650.0	
990.77	0.00	0.2720753.0		989.67	0.00	0.3720828.0		992.09	0.00	0.1920896.0	

995.93	0.00	0.0321766.0	998.10	0.00	0.0022313.0	1000.70	0.00	0.0022362.0
1005.60	0.00	0.0023502.0	1007.30	0.00	0.0023537.0	1006.10	0.00	0.0023573.0
1006.20	0.00	0.0023982.0	1007.40	0.00	0.0024600.0			

SEC NO 6.25 TIME= 170.665 HOURS WSEL= 988.48 WIDTH= 1677.57

Z	DZ	TDZ Y	Z	DZ	TDZ Y	Z	DZ	TDZ Y
998.62	0.00	0.0013703.0	998.90	0.00	0.0013716.0	999.60	0.00	0.0013751.0
998.38	0.00	0.3813782.2	995.93	0.00	1.6314098.0	994.17	0.00	-0.1314124.9
996.00	0.00	0.0014164.0	995.40	0.00	-0.1014657.0	994.65	0.00	-0.2514693.9
995.16	0.00	-0.1414833.0	996.39	0.00	-0.0115647.0	996.70	0.00	0.0016061.0
998.40	0.00	0.0016600.0	998.50	0.00	0.0017299.0	999.90	-0.01	0.0017381.0
998.40	0.00	0.0017430.0	997.09	-0.01	-0.0117921.0	993.51	0.00	-0.1918103.9
993.50	-0.02	0.0018243.0	983.20	-0.02	-0.9018283.5	981.89	-0.01	-0.4118363.0
980.22	0.00	1.0218385.0	980.22	0.00	1.0218610.0	982.93	0.00	-0.2718662.0
984.58	-0.01	-0.2218954.0	988.30	0.00	-1.0019189.4	989.64	0.00	0.1419382.0
985.64	0.00	-0.8619424.6	987.86	0.00	-1.6419458.8	992.06	0.00	-0.0419633.0
988.06	0.00	-1.6419713.2	985.99	0.00	-0.1119785.0	988.45	0.00	-0.2519958.0
981.28	0.00	0.8819983.0	981.29	0.00	0.8920000.0	984.10	0.00	0.6020112.1
988.78	0.00	-0.1220260.0	983.03	0.00	0.7420285.9	984.59	0.00	2.1920343.2
992.18	0.00	-0.1220373.0	990.21	0.00	0.5120436.9	990.88	0.00	-1.1220506.6
1000.40	0.00	0.0020569.0	996.29	0.00	-0.0120593.0	995.99	0.00	-0.0120735.0
995.39	0.00	-0.1120854.0	990.93	0.00	-0.5720887.3	994.59	0.00	-0.1120945.0
992.18	0.00	0.1821047.5	993.80	0.00	0.6021203.7	995.36	0.00	0.5621404.7
998.29	0.00	0.1922081.9	1001.70	0.00	0.0022122.0	1000.70	0.00	0.0022175.0
1005.60	0.00	0.0023314.0						

SEC NO 6.38 TIME= 170.665 HOURS WSEL= 990.15 WIDTH= 2078.90

Z	DZ	TDZ Y	Z	DZ	TDZ Y	Z	DZ	TDZ Y
999.41	0.00	0.0014420.0	996.57	0.00	0.5714450.2	998.00	0.00	0.0014510.0
997.39	0.00	-0.2115546.9	997.39	0.00	-0.2115799.1	998.10	0.00	0.0016400.0
999.60	0.00	0.0016860.0	1000.00	0.00	0.0017163.0	998.80	0.00	0.0017791.0
994.70	0.00	-0.5017874.5	995.22	0.00	0.0217968.0	988.69	0.00	0.5918004.5
988.11	0.00	0.1118210.0	987.22	0.00	1.3218256.0	989.20	-0.01	-0.7018298.0
988.17	0.00	-0.7318477.0	981.91	-0.01	0.7118538.0	981.91	0.00	0.7118753.0
985.68	-0.02	0.8818852.0	987.00	-0.02	0.3019145.0	988.09	-0.01	-0.0119470.3
991.64	0.00	0.3419712.1	992.05	0.00	0.4519851.0	989.79	0.00	-0.1119983.7
989.03	-0.01	0.5320000.0	986.13	0.00	1.8320169.0	986.13	0.00	1.8320404.1
993.94	0.00	-0.8620448.1	995.12	0.00	-0.5820564.0	995.48	0.00	-0.5220655.0
992.77	0.00	-0.9320808.7	995.62	0.00	-0.4820917.0	995.62	0.00	-0.4820985.0
992.39	0.00	-0.3121024.4	995.39	0.00	-0.5121080.0	993.90	0.00	-0.9021158.8
992.45	0.00	-0.0521199.5	994.04	0.00	-0.7621263.1	994.61	0.00	-0.5921350.0
992.70	0.00	-0.0121400.4	993.75	0.00	-0.7521436.0	993.29	0.00	-0.0121560.9
1003.50	0.00	0.0021628.0	1002.70	0.00	0.0021772.0	999.10	0.00	0.2021816.9
1003.30	0.00	0.0021850.0	1003.20	0.00	0.0021919.0	1001.60	0.00	0.0021929.0
1006.50	0.00	0.0023090.0	1008.00	0.00	0.0023146.0			

SEC NO 6.55 TIME= 170.665 HOURS WSEL= 991.88 WIDTH= 1392.27

Z	DZ	TDZ Y	Z	DZ	TDZ Y	Z	DZ	TDZ Y
1000.14	0.00	0.0016200.0	1001.60	0.00	0.0016844.0	1001.60	0.00	0.0016965.0
998.43	0.00	-1.0717031.3	995.15	0.00	1.9517094.7	995.01	0.00	-0.1917669.0
992.44	0.00	2.1417703.7	994.28	0.00	0.6818296.0	987.40	0.00	0.7018359.6

986.25	0.00	0.6518509.4	994.35	0.00	0.0518578.4	998.41	0.00	-0.6918753.0
992.43	0.00	-0.7718769.3	993.42	0.00	0.3218825.1	996.72	-0.01	-0.3818899.0
993.70	0.00	0.0018964.2	997.17	-0.01	-1.7319048.0	1000.70	0.00	0.0019185.0
984.15	-0.02	-2.3519245.4	986.51	-0.02	-0.1919600.0	986.23	-0.01	-0.4719784.0
988.16	0.00	-0.3419892.0	990.37	0.00	-0.4320000.4	994.49	0.00	0.5920054.0
991.62	-0.01	-0.2820344.6	984.09	0.00	-1.5120462.0	983.62	0.00	-1.9820599.3
994.67	0.00	0.6720696.0	995.35	0.00	0.8520878.9	995.58	0.00	-1.2221107.0
1001.60	0.00	0.0021135.0	998.00	0.00	-1.2021141.1	1000.90	0.00	0.0021235.0
1002.00	0.00	0.0021440.0	1005.60	0.00	0.0022834.0	1009.30	0.00	0.0022860.0
1007.40	0.00	0.0022921.0	1006.80	0.00	0.0022986.0	1009.30	0.00	0.0023900.0

SEC NO 6.73 TIME= 170.665 HOURS WSEL= 993.67 WIDTH= 2107.39

Z	DZ	TDZ	Y	Z	DZ	TDZ	Y	Z	DZ	TDZ	Y
1001.70	0.00	0.0016658.0		1000.08	0.00	-0.6216862.6		996.93	0.00	0.4316917.0	
998.20	0.00	-0.5017096.0		990.17	0.00	-0.1317209.1		996.87	0.00	0.0717253.0	
995.84	0.00	-0.2617370.0		999.15	0.00	-0.5517639.0		989.48	0.00	-1.8217660.7	
995.64	0.00	-0.3617970.4		998.20	0.00	-0.5018006.0		996.83	0.00	-0.6718120.8	
991.18	0.00	-2.4218145.0		991.52	0.00	-1.1818293.8		988.93	-0.01	0.1318420.5	
994.19	0.00	-0.3118476.0		986.66	-0.01	-0.1418528.5		988.27	0.00	0.7718629.0	
990.67	-0.02	0.9818666.0		988.05	-0.02	-0.8518731.0		996.05	-0.01	0.0518884.0	
993.15	0.00	-0.9519029.7		997.25	0.00	-0.7519088.2		998.83	0.00	-1.2719300.0	
996.95	-0.01	-0.1519415.8		994.64	0.00	-0.8619601.6		992.31	0.00	0.0119761.3	
990.97	0.00	1.3719798.0		992.46	0.00	1.3619974.0		992.66	0.00	1.3620000.0	
988.86	0.00	1.5620144.0		987.02	0.00	-0.2820658.3		997.91	0.00	-1.3920719.0	
992.59	0.00	-0.5120768.6		994.49	0.00	0.8920856.2		997.48	0.00	-0.1220896.0	
998.53	0.00	0.9320951.6		1003.60	0.00	0.0020985.0		1001.30	0.00	0.0021026.0	
1002.70	0.00	0.0021217.0		1005.40	0.00	0.0022559.0		1007.70	0.00	0.0022586.0	
1007.80	0.00	0.0022630.0		1005.80	0.00	0.0022668.0		1009.20	0.00	0.0023600.0	

SEC NO 6.86 TIME= 170.665 HOURS WSEL= 995.39 WIDTH= 2316.04

Z	DZ	TDZ	Y	Z	DZ	TDZ	Y	Z	DZ	TDZ	Y
1004.10	0.00	0.0016520.0		1004.10	0.00	0.0016521.0		1004.10	0.00	0.0016522.0	
1004.10	0.00	0.0016523.0		1004.10	0.00	0.0016528.0		1001.28	0.00	-0.2216785.8	
997.94	0.00	-0.3617004.4		997.15	0.00	0.0517124.7		996.92	0.00	0.6217307.7	
994.08	0.00	0.4817352.9		996.50	0.00	-1.1017406.0		1000.46	0.00	-0.3417599.0	
997.07	0.00	-1.7317805.4		993.22	0.00	-0.6817823.6		995.57	-0.01	0.7717977.0	
991.77	0.00	-0.9318059.5		999.52	-0.01	-0.5818086.0		998.86	0.00	-0.8518189.9	
990.34	-0.02	-0.5618223.3		994.05	-0.02	2.0518504.0		990.09	-0.01	2.4918527.0	
989.69	0.00	2.0918597.2		995.84	0.00	0.7418633.0		991.55	0.00	1.6518655.9	
995.72	-0.01	0.2218685.4		997.03	0.00	0.2318890.0		990.52	0.00	0.9218934.2	
993.33	0.00	2.0319052.0		992.17	0.00	-0.5319101.4		997.86	0.00	-1.0419346.0	
997.00	0.00	-0.7019517.6		993.51	0.00	-0.5919546.0		996.00	0.00	0.7019714.0	
995.06	0.00	0.3619834.8		992.44	0.00	1.6419999.9		991.08	0.00	1.8820099.0	
991.04	0.00	1.8420226.0		993.26	0.00	1.7620322.0		989.47	0.00	1.7720421.0	
987.07	0.00	0.1720838.1		996.50	0.00	-1.2020863.1		1000.41	0.00	-0.7920925.6	
1002.90	0.00	0.0021005.0		1001.09	0.00	-0.5121027.7		1005.00	0.00	0.0022316.0	
1007.30	0.00	0.0022342.0		1006.90	0.00	0.0022399.0		1008.10	0.00	0.0022701.0	
1009.60	0.00	0.0023500.0									

SEC NO 7.03 TIME= 170.665 HOURS WSEL= 996.86 WIDTH= 2116.79

Z	DZ	TDZ	Y	Z	DZ	TDZ	Y	Z	DZ	TDZ	Y

1004.20	0.00	0.0016215.0	1002.25	0.00	2.0517222.2	1001.67	0.00	-0.1217541.9
998.69	0.00	0.3917635.1	999.81	0.00	-0.4917686.0	996.94	0.00	-0.7617737.4
1002.22	0.00	-0.1817767.0	999.41	0.00	-1.4918050.5	1001.27	0.00	-0.1318175.0
996.30	0.00	-0.1018211.8	994.08	0.00	0.3818275.1	996.93	0.00	0.1318339.0
991.00	0.00	0.0018402.0	991.95	0.00	-0.0518531.0	993.47	-0.01	-0.3318619.2
998.44	0.00	0.0418696.0	997.23	-0.01	-0.4718831.8	995.30	0.00	-0.1018855.0
996.39	-0.02	-0.0118938.0	996.05	-0.02	-0.1519020.1	997.60	-0.01	-0.2019048.0
991.29	0.00	-0.7119108.9	990.88	0.00	-0.7219188.0	996.53	0.00	-0.0719229.0
995.39	-0.01	-0.2119362.0	996.55	0.00	-0.6519466.3	999.97	0.00	-0.5319541.0
997.42	0.00	-0.7819593.7	990.30	0.00	-1.3019667.9	990.14	0.00	-1.4619915.0
993.63	0.00	-0.7719949.0	992.84	0.00	-0.9620000.0	989.70	0.00	-1.7020121.0
988.38	0.00	-1.7220145.0	993.50	0.00	-0.9020170.0	992.59	0.00	-1.2120355.0
989.63	0.00	-1.9720454.0	986.71	0.00	-0.1920486.0	986.74	0.00	-0.8620619.1
997.93	0.00	-0.1720641.0	998.08	0.00	-0.3220750.1	1000.90	0.00	-0.1020880.1
1001.38	0.00	0.1821070.9	1001.68	0.00	-0.1221155.1	1003.20	0.00	0.0021183.0
1002.64	0.00	0.4421236.5	1004.50	0.00	0.0022041.0	1008.00	0.00	0.0022060.0
1006.40	0.00	0.0022097.0	1006.20	0.00	0.0022134.0	1007.00	0.00	0.0022194.0
1009.00	0.00	0.0023041.0	1011.00	0.00	0.0023279.0	1011.00	0.00	0.0023354.0
1012.90	0.00	0.0023774.0	1011.70	0.00	0.0023967.0	1012.90	0.00	0.0024168.0
1014.10	0.00	0.0024539.0	1014.70	0.00	0.0024724.0	1014.60	0.00	0.0024800.0
1015.60	0.00	0.0025001.0	1016.40	0.00	0.0025733.0	1019.00	0.00	0.0025760.0
1016.80	0.00	0.0025777.0	1016.80	0.00	0.0025906.0			

SEC NO 7.21 TIME= 170.665 HOURS WSEL= 998.17 WIDTH= 2302.59

Z	DZ	TDZ	Y	Z	DZ	TDZ	Y	Z	DZ	TDZ	Y
1007.50	0.00	0.0015824.0		1008.70	0.00	0.0015856.0		1007.30	0.00	0.0015901.0	
1002.95	0.00	0.0516960.9		1002.35	0.00	0.1517068.9		1002.12	0.00	0.0217161.1	
1001.98	0.00	-0.6217304.4		1002.66	0.00	-1.0417500.3		1005.00	0.00	0.0017637.0	
998.09	0.00	-2.1117678.3		1004.60	0.00	0.0017711.0		1003.93	0.00	-0.2717928.9	
1005.00	0.00	0.0018146.0		998.98	0.00	-2.7218183.6		1001.45	-0.01	-0.2518207.0	
995.17	0.00	-1.3318221.1		996.25	-0.01	-0.7518276.3		999.34	0.00	-1.0618327.0	
997.65	-0.02	-1.3518385.3		996.35	-0.02	0.1518397.4		996.34	-0.01	1.7418666.0	
994.78	0.00	2.2818692.0		995.42	0.00	0.6218745.9		996.00	0.00	-3.5918811.4	
1004.60	-0.01	0.0018825.0		1006.40	0.00	0.0019072.0		997.76	0.00	-3.4419214.4	
1001.98	0.00	-0.2219352.0		997.45	0.00	-2.1519378.5		995.73	0.00	-2.6719449.5	
1001.38	0.00	-0.3219492.0		994.75	0.00	-1.4519538.1		996.23	0.00	-0.2719595.0	
995.07	0.00	2.0719629.0		995.01	0.00	2.0119978.0		995.36	0.00	1.9720000.0	
996.14	0.00	0.4420196.0		995.32	0.00	1.9220284.0		993.01	0.00	2.1120297.0	
991.66	0.00	2.0620808.0		996.14	0.00	-0.4620827.0		995.20	0.00	1.8020997.0	
986.12	0.00	-2.4821059.0		986.03	0.00	-2.7721103.0		1003.47	0.00	-0.5321187.2	
1006.60	0.00	0.0021771.0		1010.00	0.00	0.0021789.0		1010.00	0.00	0.0021819.0	
1004.47	0.00	0.8721831.0		1006.40	0.00	0.0021847.0		1009.30	0.00	0.0022605.0	
1014.60	0.00	0.0024399.0		1015.40	0.00	0.0024500.0		1018.50	0.00	0.0025370.0	
1020.80	0.00	0.0026381.0		1021.60	0.00	0.0026567.0		1023.40	0.00	0.0027058.0	
1025.90	0.00	0.0027069.0		1025.10	0.00	0.0027108.0		1027.00	0.00	0.0027140.0	
1024.60	0.00	0.0027173.0		1026.10	0.00	0.0028054.0		1026.90	0.00	0.0028447.0	
1025.80	0.00	0.0028491.0		1027.10	0.00	0.0028800.0					

SEC NO 7.35 TIME= 170.665 HOURS WSEL= 999.33 WIDTH= 1843.20

Z	DZ	TDZ	Y	Z	DZ	TDZ	Y	Z	DZ	TDZ	Y
1008.50	0.00	0.0015651.0		1009.40	0.00	0.0016240.0		1009.70	0.00	0.0016491.0	
1010.20	0.00	0.0016561.0		1007.70	0.00	0.0016641.0		1005.60	0.00	0.9016683.5	
1004.89	0.00	0.5917157.3		1004.18	0.00	0.2817300.2		1004.59	0.00	-1.0117425.3	
1005.98	0.00	-0.1217720.0		1007.30	0.00	0.0017893.0		1005.98	0.00	-0.1218120.0	

1006.20	0.00	0.0018215.0	1003.50	0.00	-0.6018279.5	1007.40	-0.01	0.0018329.0
1000.21	0.00	2.4118374.1	997.58	-0.01	0.6818510.8	999.11	0.00	0.5118674.0
997.39	-0.02	0.8918737.0	998.76	-0.02	-2.1418913.5	1006.40	-0.01	0.0018927.0
1004.37	0.00	-0.8318971.6	999.02	0.00	-1.4819021.9	1001.11	0.00	-1.6919105.6
1003.50	-0.01	0.1019167.0	999.19	0.00	-1.3119249.0	1001.92	0.00	-1.4819311.5
1003.67	0.00	0.0719452.0	1003.49	0.00	-0.2119603.0	1004.46	0.00	-0.3419651.0
991.38	0.00	-1.6219719.9	993.01	0.00	0.0120000.0	992.94	0.00	-0.0620089.0
995.90	0.00	0.1020237.0	997.00	0.00	0.1020467.0	990.15	0.00	-0.6520496.0
990.12	0.00	-0.6820530.0	994.62	0.00	-0.1820541.0	995.05	0.00	-0.1520568.0
990.95	0.00	-0.6520604.0	990.86	0.00	-0.7420711.0	991.97	0.00	-0.6320749.0
990.33	0.00	-0.8720788.0	996.97	0.00	-0.0320800.0	989.86	0.00	-0.9420822.0
992.97	0.00	-0.4320918.0	998.37	0.00	-0.2320946.9	998.37	0.00	-0.9321001.8
1004.63	0.00	0.0321045.0	1002.11	0.00	-0.8921080.4	1001.11	0.00	-0.8921158.3
1004.64	0.00	0.0421242.0	1002.11	0.00	-0.2921341.2	1008.40	0.00	0.0021390.0
1009.20	0.00	0.0021557.0	1010.00	0.00	0.0021668.0	1005.72	0.00	0.7221719.9
1008.20	0.00	0.0021780.0	1008.60	0.00	0.0022040.0	1015.40	0.00	0.0024164.0
1016.30	0.00	0.0024195.0	1016.30	0.00	0.0024300.0	1021.00	0.00	0.0025891.0
1023.00	0.00	0.0026790.0	1024.70	0.00	0.0026823.0	1022.90	0.00	0.0026863.0
1024.60	0.00	0.0026890.0	1022.60	0.00	0.0026944.0	1027.30	0.00	0.0028161.0
1028.20	0.00	0.0028206.0	1026.90	0.00	0.0028243.0	1028.10	0.00	0.0028600.0

SEC NO 7.50 TIME= 170.665 HOURS WSEL= 1000.42 WIDTH= 1818.58

Z	DZ	TDZ Y	Z	DZ	TDZ Y	Z	DZ	TDZ Y
1012.70	0.00	0.0016573.0	1012.20	0.00	0.0016597.0	1005.53	0.00	-0.3716717.7
1006.15	0.00	-0.5517100.2	1007.40	0.00	0.0018106.0	1008.10	0.00	0.0018155.0
1005.57	0.00	-1.0318361.6	1003.50	0.00	4.1018379.2	997.96	0.00	0.3618522.6
997.17	0.00	0.9718590.0	999.77	0.00	-1.0318798.5	1003.39	0.00	-0.2118970.0
1000.95	0.00	-0.8519016.6	999.29	0.00	-2.5119061.2	1007.80	-0.01	0.0019083.0
1000.18	0.00	-2.6219143.6	999.26	-0.01	-2.5419272.4	1013.80	0.00	0.0019364.0
1004.78	-0.02	-1.6219399.4	1003.72	-0.02	-0.8819429.9	1005.27	-0.01	-0.1319728.0
992.78	0.00	-0.8219802.3	994.37	0.00	0.1720000.0	994.10	0.00	-0.1020358.0
997.95	-0.01	-0.0520478.0	992.66	0.00	-0.3420491.0	991.93	0.00	-0.4720551.0
994.82	0.00	-0.1820582.0	997.95	0.00	-0.2520630.0	990.85	0.00	-0.1520696.0
990.85	0.00	-0.1520774.0	999.33	0.00	0.1320797.0	998.12	0.00	-0.0820949.1
1000.96	0.00	-0.4421020.0	999.38	0.00	0.7821049.4	1003.87	0.00	0.5721091.7
1004.00	0.00	-1.0021123.7	1007.18	0.00	-0.0221302.0	1008.20	0.00	0.0021510.0
1011.40	0.00	0.0021585.0	1012.60	0.00	0.0021665.0	1010.90	0.00	0.0022473.0
1006.67	0.00	0.9722483.6	1012.10	0.00	0.0022498.0	1010.20	0.00	0.0022552.0
1011.80	0.00	0.0022662.0	1015.10	0.00	0.0023907.0	1015.70	0.00	0.0024000.0
1019.30	0.00	0.0025236.0	1019.00	0.00	0.0025285.0	1024.00	0.00	0.0026503.0
1024.30	0.00	0.0026525.0	1024.70	0.00	0.0026554.0	1025.00	0.00	0.0026583.0
1024.00	0.00	0.0026618.0	1026.30	0.00	0.0027601.0	1028.50	0.00	0.0028300.0

SEC NO 7.65 TIME= 170.665 HOURS WSEL= 1001.66 WIDTH= 1635.74

Z	DZ	TDZ Y	Z	DZ	TDZ Y	Z	DZ	TDZ Y
1012.00	0.00	0.0015877.0	1012.80	0.00	0.0016500.0	1013.90	0.00	0.0016523.0
1012.80	0.00	0.0016565.0	1014.95	0.00	-0.0516586.0	1007.55	0.00	0.1516596.9
1014.30	0.00	0.0016620.0	1013.60	0.00	0.0016659.0	1013.10	0.00	0.0016800.0
1007.16	0.00	-1.1416834.6	1007.33	0.00	-0.5716900.0	1007.11	0.00	-1.0917875.4
1009.60	0.00	0.0017941.0	1007.11	0.00	-1.2918034.6	1004.49	-0.01	0.7918324.3
1004.24	0.00	-0.1618466.0	999.72	-0.01	1.2218506.3	998.61	0.00	0.6118560.0
1001.35	-0.02	-0.2518686.0	1000.33	-0.02	-0.2718809.0	998.87	-0.01	0.3718898.0
999.71	0.00	-0.7919050.5	1005.86	0.00	-0.3419177.0	1004.45	0.00	-0.3419361.0
1002.16	-0.01	-1.0419631.6	999.70	0.00	-0.5019774.9	994.33	0.00	-0.9719824.0

995.74	0.00	-0.8619969.0	995.71	0.00	-0.8920000.0	992.50	0.00	-1.6020080.0
993.02	0.00	-1.1820350.0	994.01	0.00	-0.9920367.0	993.95	0.00	-0.9520411.0
997.67	0.00	-0.9320448.0	995.28	0.00	-0.5220626.0	997.67	0.00	1.0720683.2
1006.13	0.00	0.0320708.1	1007.44	0.00	0.0420794.1	1007.91	0.00	-0.5920885.4
1009.60	0.00	0.0021378.0	1009.61	0.00	0.0121687.0	1010.50	0.00	0.0021765.0
1012.60	0.00	0.0021802.0	1013.80	0.00	0.0021979.0	1010.50	0.00	0.0022033.0
1013.40	0.00	0.0022071.0	1013.70	0.00	0.0022085.0	1011.70	0.00	0.0022372.0
1014.00	0.00	0.0023308.0	1016.10	0.00	0.0023679.0	1016.20	0.00	0.0023724.0
1015.80	0.00	0.0023800.0	1018.40	0.00	0.0025018.0	1020.60	0.00	0.0025052.0
1018.80	0.00	0.0025087.0	1022.10	0.00	0.0026272.0	1024.00	0.00	0.0026294.0
1025.10	0.00	0.0026336.0	1023.60	0.00	0.0026375.0	1026.10	0.00	0.0027244.0
1027.40	0.00	0.0027800.0						

SEC NO 7.84 TIME= 170.665 HOURS WSEL= 1003.55 WIDTH= 2127.75

Z	DZ	TDZ	Y	Z	DZ	TDZ	Y	Z	DZ	TDZ	Y
1012.40	0.00	0.0016562.0		1012.80	0.00	0.0016600.0		1008.68	0.00	-1.3216631.8	
1008.35	0.00	-0.6517606.8		1008.20	0.00	-0.6017729.3		1008.69	0.00	-1.7117781.0	
1001.00	0.00	3.8018077.7		1000.30	0.00	4.2018189.0		1005.79	0.00	0.7918206.0	
1000.19	0.00	-2.4118332.7		1008.22	0.00	-2.3818348.0		999.15	0.00	-3.4518361.2	
1011.04	0.00	-0.2618384.0		997.31	0.00	-2.6918417.7		1001.71	-0.01	2.3118568.0	
1000.08	0.00	3.6818593.0		999.35	-0.01	2.9518746.7		1008.17	0.00	-0.6318787.4	
1008.13	-0.02	-2.0718811.5		1016.30	-0.02	0.0018855.0		996.43	-0.01	-5.5718892.5	
1001.07	0.00	2.1719041.0		999.66	0.00	2.3619173.0		1002.61	0.00	0.1119199.7	
1005.24	-0.01	0.6419407.0		998.94	0.00	0.4419999.2		998.81	0.00	2.6120126.0	
998.75	0.00	2.5520187.0		998.94	0.00	1.5420207.0		998.74	0.00	3.0420222.0	
998.49	0.00	2.7920472.2		1005.96	0.00	0.5620551.0		998.39	0.00	3.9920578.8	
996.67	0.00	0.8720633.8		1008.47	0.00	-1.1320667.0		1007.38	0.00	0.1820739.9	
1008.40	0.00	-1.6020858.4		1012.00	0.00	0.0020965.0		1011.04	0.00	-0.2621046.8	
1011.04	0.00	-0.2621825.0		1011.09	0.00	-0.2121997.2		1014.00	0.00	0.0022078.0	
1016.90	0.00	0.0022968.0		1017.80	0.00	0.0023016.0		1017.70	0.00	0.0023405.0	
1017.70	0.00	0.0023500.0		1016.60	0.00	0.0023623.0		1019.00	0.00	0.0025211.0	
1021.40	0.00	0.0025245.0		1021.40	0.00	0.0025387.0		1023.00	0.00	0.0025990.0	
1023.40	0.00	0.0026034.0		1021.30	0.00	0.0026074.0		1025.90	0.00	0.0027246.0	
1026.70	0.00	0.0027800.0									

SEC NO 7.94 TIME= 170.665 HOURS WSEL= 1004.77 WIDTH= 1987.26

Z	DZ	TDZ	Y	Z	DZ	TDZ	Y	Z	DZ	TDZ	Y
1012.43	0.00	0.0017741.0		1009.14	0.00	-0.4617929.6		1009.09	0.00	-1.0118050.0	
1009.08	0.00	-0.2218104.1		1009.06	0.00	0.0618139.1		1009.07	0.00	0.0718357.0	
1009.03	0.00	-0.1718382.0		1001.25	0.00	-3.3518403.7		999.38	0.00	-5.2218486.6	
1014.90	0.00	0.0018508.0		1018.55	0.00	-0.7518550.0		1000.08	0.00	-4.5218575.4	
1001.19	0.00	-3.2118608.9		1001.15	0.00	4.2518657.4		994.70	-0.01	-2.6018877.2	
1018.60	0.00	0.0018925.0		1012.90	-0.01	0.0018960.0		1004.85	0.00	-4.9519052.0	
1011.32	-0.02	0.0219110.0		1003.99	-0.02	-4.6119225.0		1000.61	-0.01	-5.7919273.6	
1011.03	0.00	-0.2719288.0		995.37	0.00	-3.1319338.8		1001.93	0.00	0.2319568.0	
1001.29	-0.01	2.3919926.0		1001.31	0.00	2.4020000.0		1001.37	0.00	4.1720357.0	
1002.64	0.00	0.0420390.0		1001.39	0.00	2.0920418.0		1001.42	0.00	4.1220451.0	
1001.43	0.00	4.1220529.0		1002.72	0.00	-0.9820536.2		1003.49	0.00	-0.2120640.0	
1001.47	0.00	4.1720655.8		1001.48	0.00	4.1820711.0		1001.48	0.00	0.8820737.0	
1000.95	0.00	0.3520776.5		1006.35	0.00	-3.6520810.4		1011.10	0.00	0.1021048.0	
1011.26	0.00	0.2621113.9		1014.20	0.00	0.0021125.0		1012.90	0.00	0.0021177.0	
1011.54	0.00	3.8421281.7		1012.31	0.00	0.2121371.9		1012.40	0.00	0.0021455.0	

SEC NO 8.04 TIME= 170.665 HOURS WSEL= 1005.51 WIDTH= 1570.73

Z	DZ	TDZ	Y	Z	DZ	TDZ	Y	Z	DZ	TDZ	Y
1015.20	0.00	0.0018938.0		1015.30	0.00	0.0019064.0		1015.50	0.00	0.0019168.0	
1018.70	0.00	0.0019297.0		1017.00	0.00	0.0019421.0		1000.23	0.00	2.7319437.3	
1000.15	0.00	2.6519500.0		1000.13	0.00	2.6319600.0		1000.12	0.00	2.6219700.0	
1000.11	0.00	2.6119800.0		1000.10	0.00	2.6019900.0		1000.09	0.00	2.5920000.0	
1000.08	0.00	2.5820100.0		999.49	0.00	2.0020200.0		999.51	-0.01	2.0120300.0	
999.52	0.00	2.0220400.0		999.53	-0.01	2.0320500.0		999.55	0.00	2.0520600.0	
999.56	-0.02	2.0620700.0		999.55	-0.02	2.0520800.0		999.56	-0.01	2.0620900.0	
999.57	0.00	2.0720994.1		1017.00	0.00	0.0021020.0					

SEC NO 8.15 TIME= 170.665 HOURS WSEL= 1006.13 WIDTH= 1558.52

Z	DZ	TDZ	Y	Z	DZ	TDZ	Y	Z	DZ	TDZ	Y
1017.00	0.00	0.0019127.0		1013.11	0.00	3.1119142.9		1010.57	0.00	-0.1319188.0	
1012.35	0.00	-0.0519218.0		1011.91	0.00	-0.0919307.0		1009.05	0.00	-1.3519349.2	
1010.49	0.00	-1.0119395.5		1012.23	0.00	-0.0719447.0		1006.02	0.00	-1.0819488.3	
1002.45	0.00	-0.0519515.1		1000.41	0.00	-2.0919574.0		1000.22	0.00	-3.2819617.7	
1008.72	0.00	-1.1819642.1		1009.03	0.00	-0.6719698.0		1006.01	-0.01	-2.7919752.2	
1001.71	0.00	-2.1919795.0		999.20	-0.01	-0.3019833.0		999.05	0.00	-0.4520000.0	
999.05	-0.02	-0.4520156.0		1001.53	-0.02	-2.3720292.0		1003.65	-0.01	-1.5520379.0	
1003.78	0.00	-3.7220415.5		1007.72	0.00	-3.1820433.7		1010.31	0.00	-0.8920509.0	
1005.75	-0.01	-4.5520574.8		1004.47	0.00	-2.8320625.0		1003.54	0.00	-0.9620679.0	
1000.30	0.00	-1.7020715.0		1000.46	0.00	-1.5420817.0		1000.32	0.00	-1.2820872.0	
1000.76	0.00	-1.2420972.0		1001.46	0.00	-1.0421051.0		1003.29	0.00	0.0921105.6	
1003.65	0.00	-1.2521172.7		1003.65	0.00	-2.0521233.0		1003.65	0.00	-1.9521286.3	
1011.76	0.00	5.6621349.5		1013.88	0.00	0.6821387.6		1016.70	0.00	0.0021414.0	
1018.80	0.00	0.0021433.0		1016.50	0.00	0.0021451.0		1017.10	0.00	0.0021465.0	
1016.70	0.00	0.0021479.0		1017.60	0.00	0.0021525.0		1017.60	0.00	0.0021579.0	
1017.50	0.00	0.0021630.0		1017.60	0.00	0.0021764.0		1014.70	0.00	0.0022044.0	
1013.90	0.00	0.0022094.0		1015.30	0.00	0.0022137.0		1014.10	0.00	0.0022165.0	
1014.50	0.00	0.0022200.0		1017.10	0.00	0.0022272.0		1018.30	0.00	0.0022570.0	
1017.70	0.00	0.0022863.0		1016.90	0.00	0.0022934.0		1015.90	0.00	0.0023050.0	
1015.20	0.00	0.0023151.0		1016.70	0.00	0.0023193.0		1014.50	0.00	0.0023204.0	
1013.90	0.00	0.0023284.0		1015.90	0.00	0.0023320.0		1020.30	0.00	0.0023330.0	
1022.00	0.00	0.0023395.0		1022.00	0.00	0.0023482.0		1021.70	0.00	0.0023541.0	
1022.10	0.00	0.0023630.0		1022.30	0.00	0.0023774.0		1021.30	0.00	0.0023874.0	
1021.20	0.00	0.0023951.0									

SEC NO 8.32 TIME= 170.665 HOURS WSEL= 1007.59 WIDTH= 1487.92

Z	DZ	TDZ	Y	Z	DZ	TDZ	Y	Z	DZ	TDZ	Y
1020.00	0.00	0.0019097.0		1014.41	0.00	0.8119110.8		1014.48	0.00	-0.0219205.0	
1014.18	0.00	-0.1219305.9		1014.18	0.00	-0.1219352.0		1010.04	0.00	0.4419383.1	
1008.66	0.00	0.6619434.4		1008.36	0.00	-0.0419488.0		1008.29	0.00	-0.1119559.0	
1004.65	0.00	-1.6519599.7		1003.49	0.00	-1.6119665.0		1003.02	0.00	-1.8819745.0	
1003.41	0.00	-1.7919775.0		1001.34	0.00	-2.5619798.0		997.77	-0.01	-0.6319818.0	
997.68	0.00	-0.7220000.0		997.68	-0.01	-0.7220029.0		998.41	0.00	-3.2920073.0	
998.62	-0.02	-3.6820136.0		998.20	-0.02	-2.6020172.0		1000.78	-0.01	-3.6220236.2	
1007.17	0.00	-1.9320348.1		1009.89	0.00	-1.4020439.0		1008.40	0.00	-1.5020532.0	
1006.27	-0.01	-2.0320593.9		1006.30	0.00	-2.0020640.1		1010.14	0.00	-1.3620713.0	
1010.15	0.00	-1.3520789.0		1010.74	0.00	-1.3520881.0		1010.16	0.00	-1.3420924.0	
1007.21	0.00	-1.6920989.9		1009.98	0.00	-1.3221035.0		1008.33	0.00	-1.3721063.0	
1004.40	0.00	-2.3021081.6		1007.07	0.00	-1.4321131.0		1007.37	0.00	-1.8321206.1	

1008.60	0.00	-1.3021266.0	1006.83	0.00	-1.5721329.9	1004.34	0.00	-1.2621369.8
1006.99	0.00	-1.5121426.1	1008.35	0.00	-1.2521475.0	1006.50	0.00	-1.5021561.8
1004.82	0.00	-1.2821633.8	1002.97	0.00	0.2721690.0	1002.44	0.00	0.3421727.0
1007.39	0.00	5.2921790.3	1017.10	0.00	0.0021818.0	1015.51	0.00	0.4121853.8
1018.00	0.00	0.0021924.0	1019.60	0.00	0.0021971.0	1020.10	0.00	0.0022028.0
1019.60	0.00	0.0022075.0	1018.90	0.00	0.0022200.0	1020.30	0.00	0.0022268.0
1018.80	0.00	0.0022532.0						

SEC NO 8.46 TIME= 170.665 HOURS WSEL= 1009.50 WIDTH= 2324.96

Z	DZ	TDZ Y	Z	DZ	TDZ Y	Z	DZ	TDZ Y
1021.00	0.00	0.0019030.0	1021.00	0.00	0.0019042.0	1021.00	0.00	0.0019058.0
1009.61	0.00	1.5119082.8	1008.51	0.00	-0.1919148.3	1008.45	0.00	-1.6619199.3
1009.31	0.00	-1.8919266.1	1009.80	0.00	-1.7019350.0	1008.42	0.00	-1.0819388.5
1008.37	0.00	2.0719493.9	1008.38	0.00	1.2819584.0	1008.36	0.00	3.2619625.0
1005.23	0.00	3.7319655.0	1004.91	0.00	3.7119675.0	1003.30	-0.01	3.6019714.0
1003.69	0.00	3.5919764.0	1004.07	-0.01	3.5719826.0	1003.10	0.00	3.5019839.0
1003.10	-0.02	3.5019911.0	1003.88	-0.02	3.5819954.0	1003.91	-0.01	3.6120000.0
1003.91	0.00	3.6120000.1	1004.33	0.00	1.1320054.0	1004.97	0.00	-2.3320123.1
1007.04	-0.01	-2.2620196.0	1005.42	0.00	-2.2820245.9	1004.49	0.00	-2.6120299.5
1008.79	0.00	-2.0120400.1	1009.26	0.00	-1.8420458.0	1007.50	0.00	-3.8020542.2
1014.13	0.00	-1.4720566.2	1014.99	0.00	-1.1120603.0	1012.35	0.00	-2.1520636.5
1012.56	0.00	-1.5420682.9	1012.96	0.00	-1.3420719.0	1004.76	0.00	-4.4420738.6
1011.22	0.00	-1.4820755.0	1010.46	0.00	-1.6420834.9	1008.33	0.00	-2.4720859.6
1010.84	0.00	-1.4620900.0	1008.86	0.00	-2.2420924.7	1005.83	0.00	-3.4720950.0
1010.78	0.00	-2.0220979.4	1012.97	0.00	-1.3321028.0	1012.67	0.00	-1.4321080.9
1011.83	0.00	-1.6721192.8	1005.04	0.00	-2.8621210.9	1005.26	0.00	-2.8421263.7
1009.68	0.00	-2.0221330.3	1011.68	0.00	-1.4221424.0	1006.33	0.00	-3.1721485.1
1005.50	0.00	-1.6021560.9	1005.92	0.00	-1.3821657.0	1007.39	0.00	-1.7121706.0
1005.35	0.00	0.2521765.0	1005.41	0.00	-0.8921861.4	1008.92	0.00	-1.5821886.0
1008.80	0.00	-1.6021935.0	1005.46	0.00	-1.6421982.6	1005.49	0.00	-0.8122009.0
1007.00	0.00	0.7022130.3	1021.61	0.00	-0.2922153.0	1020.70	0.00	0.0022191.0
1020.40	0.00	0.0022200.0	1022.30	0.00	0.0022225.0	1022.00	0.00	0.0022528.0
1020.50	0.00	0.0022840.0	1019.90	0.00	0.0023038.0	1019.30	0.00	0.0023080.0
1022.30	0.00	0.0023109.0						

SEC NO 8.61 TIME= 170.665 HOURS WSEL= 1011.62 WIDTH= 2368.06

Z	DZ	TDZ Y	Z	DZ	TDZ Y	Z	DZ	TDZ Y
1022.00	0.00	0.0018922.0	1018.08	0.00	0.0818930.0	1005.98	0.00	-2.8219092.9
1005.97	0.00	0.0719143.0	1005.98	0.00	-1.6219204.0	1005.98	0.00	-3.3219257.0
1005.97	0.00	-1.6319292.0	1005.97	0.00	2.6719352.0	1005.97	0.00	1.0719410.0
1005.97	0.00	2.7819439.0	1005.98	0.00	2.7819494.0	1005.98	0.00	-2.1219503.0
1006.00	0.00	-3.2019580.0	1006.04	0.00	-2.0619623.0	1006.05	-0.01	0.3519641.0
1006.08	0.00	-2.8219664.0	1006.16	-0.01	-3.3419745.0	1006.28	0.00	-3.2219786.3
1006.73	-0.02	-4.7719853.6	1007.17	-0.02	-6.3319910.1	1007.44	-0.01	-7.3620000.0
1006.88	0.00	-6.2220081.8	1006.27	0.00	4.9720125.3	1005.71	0.00	4.4120221.0
1004.74	-0.01	0.4320270.0	1005.06	0.00	1.4620314.0	1005.87	0.00	1.8720417.1
1009.44	0.00	-1.4620456.8	1010.27	0.00	-6.4320477.0	1011.52	0.00	-5.9820554.1
1012.02	0.00	-4.6820605.6	1014.48	0.00	0.3820622.3	1015.23	0.00	0.7320670.0
1015.24	0.00	0.4420730.5	1015.98	0.00	1.6820790.0	1013.12	0.00	-2.0820837.3
1016.50	0.00	0.8020921.0	1011.53	0.00	-3.9721015.2	1011.01	0.00	0.1121083.2
1011.38	0.00	3.2821136.9	1011.81	0.00	4.1121227.0	1010.74	0.00	2.3421273.2
1011.11	0.00	-0.1921326.3	1011.27	0.00	-1.5321407.0	1011.38	0.00	-0.9221495.9
1011.40	0.00	-0.1021610.9	1011.34	0.00	1.4421728.7	1010.80	0.00	0.9021851.4
1011.54	0.00	-3.7621882.2	1013.88	0.00	-2.5221933.9	1018.05	0.00	0.9521999.4

1019.60	0.00	0.0022038.0	1020.30	0.00	0.0022082.0	1021.10	0.00	0.0022100.0
1023.30	0.00	0.0022158.0	1026.80	0.00	0.0022189.0	1023.60	0.00	0.0022214.0
1022.70	0.00	0.0022466.0	1022.70	0.00	0.0022678.0	1022.40	0.00	0.0022844.0

SEC NO 8.72 TIME= 170.665 HOURS WSEL= 1012.83 WIDTH= 2762.09

Z	DZ	TDZ Y	Z	DZ	TDZ Y	Z	DZ	TDZ Y
1023.30	0.00	0.0018500.0	1023.00	0.00	0.0018655.0	1019.20	0.00	0.0018663.0
1009.11	0.00	-0.8918702.0	1007.90	0.00	-0.4018835.0	1007.89	0.00	0.1918914.0
1008.03	0.00	-1.8718984.0	1008.11	0.00	-0.1919062.0	1008.09	0.00	1.5919177.0
1008.07	0.00	0.9719224.0	1008.07	0.00	-1.4319243.0	1008.06	0.00	-2.8419281.0
1008.06	0.00	0.7619323.0	1008.10	0.00	2.4019366.0	1008.33	-0.01	1.5319466.0
1008.53	0.00	-2.2719510.9	1009.44	-0.01	-6.6619537.1	1011.24	0.00	-5.1619622.0
1011.56	-0.02	-4.9419661.0	1011.65	-0.02	-2.7519703.6	1011.57	-0.01	-0.7319754.6
1011.16	0.00	0.2619835.8	1010.45	0.00	-1.0519897.3	1010.08	0.00	-3.0319971.3
1010.10	-0.01	-4.2020000.0	1010.19	0.00	-3.4120061.8	1010.06	0.00	-2.0420134.7
1009.89	0.00	-3.7120163.0	1009.47	0.00	-0.1320207.6	1008.47	0.00	3.2720280.0
1007.98	0.00	1.2820312.0	1007.67	0.00	0.9720351.0	1007.57	0.00	0.8720414.0
1007.49	0.00	3.4920451.0	1006.76	0.00	2.7620554.0	1009.34	0.00	2.1420613.0
1011.53	0.00	0.7320688.3	1012.33	0.00	-0.4720754.0	1012.59	0.00	-0.2120841.0
1012.77	0.00	0.6720916.9	1011.93	0.00	0.4321009.9	1013.00	0.00	2.3021082.0
1011.67	0.00	2.5721210.0	1010.67	0.00	1.4721331.0	1010.88	0.00	1.3821423.7
1012.52	0.00	-2.6821462.6	1013.39	0.00	-4.5121503.9	1014.58	0.00	-2.1221554.6
1014.90	0.00	-0.6021592.8	1015.92	0.00	0.0221641.4	1015.08	0.00	-1.7221706.7
1016.21	0.00	-2.5921740.6	1019.50	0.00	0.0021787.0	1019.50	0.00	0.0021829.0
1019.10	0.00	0.0021892.0	1014.99	0.00	-2.3121948.6	1014.58	0.00	-4.1221974.0
1014.59	0.00	-1.5121986.0	1014.81	0.00	-1.2921998.1	1015.32	0.00	-1.4822037.1
1016.31	0.00	-0.9922098.0	1016.05	0.00	-1.2522100.9	1022.90	0.00	0.0022167.0
1026.90	0.00	0.0022202.0	1025.40	0.00	0.0022243.0	1024.20	0.00	0.0022473.0
1024.00	0.00	0.0022688.0	1023.90	0.00	0.0022874.0	1022.00	0.00	0.0023118.0
1022.00	0.00	0.0023197.0						

SEC NO 8.85 TIME= 170.665 HOURS WSEL= 1014.19 WIDTH= 2697.42

Z	DZ	TDZ Y	Z	DZ	TDZ Y	Z	DZ	TDZ Y
1024.30	0.00	0.0018470.0	1021.30	0.00	0.0018476.0	1007.68	0.00	-0.3218571.3
1007.36	0.00	-1.7418630.0	1007.52	0.00	-1.7818665.0	1007.62	0.00	-3.0818679.0
1007.95	0.00	-2.0518722.0	1008.12	0.00	-0.6818750.0	1008.69	0.00	-0.2118814.0
1009.05	0.00	-3.8518850.0	1009.17	0.00	-2.4318864.0	1009.53	0.00	-2.7718914.0
1009.92	0.00	-2.1819003.0	1009.86	0.00	-1.3519069.0	1009.34	-0.01	0.6419169.0
1009.18	0.00	1.4819213.0	1009.15	-0.01	-2.5419238.0	1011.07	0.00	-0.9319300.0
1012.32	-0.02	-2.8819357.0	1012.98	-0.02	-1.0219411.0	1013.14	-0.01	1.0419434.0
1013.21	0.00	-0.7819472.0	1013.30	0.00	-2.3019531.0	1013.27	0.00	-2.7319591.0
1013.27	-0.01	-1.8319640.0	1013.83	0.00	0.1319679.0	1014.45	0.00	1.3519698.0
1013.10	0.00	-1.4019775.0	1014.01	0.00	-0.0919852.0	1014.76	0.00	1.2619883.0
1013.08	0.00	-1.6219939.0	1014.38	0.00	0.0820000.0	1012.93	0.00	0.4320106.0
1012.46	0.00	1.6620166.0	1011.95	0.00	-0.5520215.0	1011.34	0.00	-2.2620267.0
1010.14	0.00	-0.3620353.0	1008.10	0.00	0.1020428.0	1007.78	0.00	-0.2220859.0
1015.50	0.00	-0.2020907.1	1022.80	0.00	0.0020940.0	1022.90	0.00	0.0020998.0
1021.50	0.00	0.0021116.0	1020.80	0.00	0.0021170.0	1023.50	0.00	0.0021239.0
1020.10	0.00	0.0021277.0	1017.06	0.00	-1.0421299.0	1013.98	0.00	-1.2121361.9
1013.17	0.00	1.0721397.0	1012.75	0.00	-0.4521431.0	1012.60	0.00	0.6021453.0
1012.32	0.00	0.3221525.0	1012.24	0.00	0.2421599.0	1012.36	0.00	0.3621663.0
1013.50	0.00	1.5021724.2	1024.00	0.00	0.0021765.0	1021.10	0.00	0.0021823.0
1014.06	0.00	-3.8421860.9	1011.89	0.00	-7.4121886.0	1011.27	0.00	-8.6321900.0
1011.26	0.00	-7.0421901.0	1020.18	0.00	1.8821918.5	1021.10	0.00	0.0021977.0

1022.80	0.00	0.0022030.0	1024.20	0.00	0.0022106.0

SEC NO 8.98 TIME= 170.665 HOURS WSEL= 1014.94 WIDTH= 1882.44

Z	DZ	TDZ Y	Z	DZ	TDZ Y	Z	DZ	TDZ Y
1025.30	0.00	0.0018356.0	1023.30	0.00	0.0018360.0	1014.95	0.00	0.9518435.1
1010.06	0.00	-1.8418463.0	1007.64	0.00	-1.2618504.0	1008.10	0.00	-2.3018578.0
1010.27	0.00	-2.2318659.0	1012.07	0.00	-1.8318706.0	1009.52	0.00	-2.7818754.1
1016.61	0.00	-0.8918794.1	1018.54	0.00	-0.2618852.0	1018.64	0.00	-0.2618918.0
1007.33	0.00	-2.9718947.8	1007.63	0.00	-2.2718989.0	1007.66	-0.01	-2.6419051.0
1010.59	0.00	-2.9119104.0	1011.75	-0.01	-2.5519165.0	1014.95	0.00	-1.5519290.0
1015.79	-0.02	-1.3119363.0	1015.40	-0.02	-1.7019455.1	1017.38	-0.01	-0.7219575.0
1015.62	0.00	-1.6819673.8	1011.58	0.00	-3.2219726.0	1013.95	0.00	-2.0519743.0
1012.27	-0.01	-2.9319836.0	1008.32	0.00	-4.9819943.0	1008.27	0.00	-5.0320000.0
1007.66	0.00	-4.4420151.0	1007.39	0.00	-2.7120210.0	1007.05	0.00	-0.1520241.0
1007.05	0.00	-0.1520272.0	1007.24	0.00	-1.4620304.0	1007.19	0.00	-0.4220322.0
1007.23	0.00	-0.3720570.0	1008.86	0.00	-4.8420590.0	1007.69	0.00	-4.3120628.0
1009.07	0.00	-4.8320658.2	1021.90	0.00	0.0020698.0	1022.10	0.00	0.0020743.0
1022.30	0.00	0.0020792.0	1023.10	0.00	0.0020859.0	1024.40	0.00	0.0020951.0
1025.00	0.00	0.0021032.0	1023.90	0.00	0.0021061.0	1020.89	0.00	-0.0121112.0
1022.40	0.00	0.0021148.0	1021.10	0.00	0.0021203.0	1019.55	0.00	-0.1521241.0
1015.34	0.00	-1.4621262.8	1017.29	0.00	-0.7121281.0	1018.96	0.00	-0.2421311.0
1014.87	0.00	-1.6321320.8	1015.92	0.00	-1.1821374.0	1016.13	0.00	-1.0721400.0
1008.30	0.00	-3.7021437.9	1008.48	0.00	-3.5221472.0	1008.75	0.00	-3.2521560.1
1020.06	0.00	-0.9421597.0	1018.61	0.00	0.6121599.0	1015.72	0.00	-0.7821626.6
1022.00	0.00	0.0021674.0	1021.30	0.00	0.0021710.0	1020.47	0.00	-0.0321777.0
1018.22	0.00	0.2221803.7	1020.04	0.00	-0.0621816.0	1020.37	0.00	-0.0321844.0
1019.51	0.00	0.2121861.8	1020.78	0.00	1.4821882.1	1023.30	0.00	0.0021907.0
1022.80	0.00	0.0021968.0	1022.90	0.00	0.0022019.0	1028.60	0.00	0.0022043.0
1024.20	0.00	0.0022059.0	1026.40	0.00	0.0022069.0	1026.60	0.00	0.0022290.0

SEC NO 9.10 TIME= 170.665 HOURS WSEL= 1015.33 WIDTH= 2161.72

Z	DZ	TDZ Y	Z	DZ	TDZ Y	Z	DZ	TDZ Y
1026.30	0.00	0.0018234.0	1026.60	0.00	0.0018320.0	1026.60	0.00	0.0018440.0
1026.60	0.00	0.0018573.0	1023.60	0.00	0.0018579.0	1011.44	0.00	-1.2618629.8
1010.02	0.00	-1.5818700.0	1008.54	0.00	-1.8618749.0	1009.85	0.00	-1.7518792.0
1013.03	0.00	-1.6718915.0	1014.14	0.00	-1.5618992.0	1015.34	0.00	-0.6619100.3
1015.85	0.00	-3.8519101.0	1015.86	0.00	0.2619101.0	1011.07	-0.01	-2.2319157.7
1012.27	0.00	-2.1319218.0	1011.55	-0.01	-2.3519280.0	1010.66	0.00	-2.5419348.0
1010.09	-0.02	-2.7119443.0	1010.27	-0.02	-2.8319506.0	1010.36	-0.01	-2.9419620.0
1010.74	0.00	-2.9619725.0	1009.62	0.00	-3.2819797.0	1008.32	0.00	-3.5819834.0
1011.95	-0.01	-2.8619879.0	1012.88	0.00	-2.6219925.0	1012.84	0.00	-2.6619966.0
1011.18	0.00	-3.1220000.0	1010.11	0.00	-3.4920041.0	1008.42	0.00	-3.8820084.0
1009.17	0.00	-3.8320131.0	1010.41	0.00	-3.5920224.0	1006.99	0.00	-1.6220254.0
1006.98	0.00	-0.2220312.0	1006.98	0.00	-0.2220371.0	1006.99	0.00	-1.2120432.0
1006.99	0.00	-1.4120523.0	1006.99	0.00	-1.4120631.0	1007.12	0.00	-3.2820713.4
1015.47	0.00	-1.7320783.8	1018.18	0.00	-0.8220852.2	1020.96	0.00	-0.1420930.0
1021.88	0.00	-0.0221048.0	1021.37	0.00	-0.0321132.0	1022.02	0.00	0.0221292.0
1022.80	0.00	0.0021413.0	1023.10	0.00	0.0021526.0	1024.00	0.00	0.0021577.0
1023.90	0.00	0.0021625.0	1023.60	0.00	0.0021703.0	1023.60	0.00	0.0021801.0
1024.70	0.00	0.0021900.0	1025.10	0.00	0.0021965.0	1025.40	0.00	0.0022021.0
1026.00	0.00	0.0022040.0	1026.70	0.00	0.0022091.0	1026.80	0.00	0.0022186.0
1026.40	0.00	0.0022301.0	1026.40	0.00	0.0022394.0	1029.00	0.00	0.0022465.0

SEC NO 9.26 TIME= 170.665 HOURS WSEL= 1015.64 WIDTH= 1813.17

Z	DZ	TDZ	Y	Z	DZ	TDZ	Y	Z	DZ	TDZ	Y
1028.20	0.00	0.0019078.0		1017.20	0.00	0.0019100.0		1008.44	0.00	-0.2619200.0	
1008.04	0.00	-0.3619323.0		1009.90	0.00	-0.5019436.0		1013.06	0.00	-0.4419508.0	
1013.16	0.00	-0.4419536.0		1016.93	0.00	-0.3619577.0		1017.24	0.00	-0.3619635.0	
1015.61	0.00	-0.3919665.1		1018.56	0.00	-0.3419707.1		1020.02	0.00	-0.2819799.0	
1020.02	0.00	-0.2819900.0		1020.02	0.00	-0.2820000.0		1018.26	-0.01	-0.3420049.9	
1014.01	0.00	-0.3920128.9		1012.30	-0.01	-0.4020169.0		1012.00	0.00	-0.4020208.0	
1010.18	-0.02	-0.4220271.0		1008.66	-0.02	-0.4420310.0		1003.35	-0.01	-0.2520362.0	
1003.35	0.00	-0.2520420.0		1006.75	0.00	-0.2520455.0		1008.28	0.00	-0.4220503.0	
1011.12	-0.01	-0.3820564.0		1012.64	0.00	-0.3620624.0		1013.85	0.00	-0.3520669.0	
1014.76	0.00	-0.3420706.0		1012.84	0.00	-0.3620728.0		1016.68	0.00	-0.3220763.1	
1018.28	0.00	-0.3220805.1		1020.07	0.00	-0.5320840.2		1025.60	0.00	0.0020862.0	
1014.45	0.00	-11.5520897.6		996.68	0.00	10.6820923.0		985.76	0.00	-0.2421472.0	
985.76	0.00	-0.2421564.4		1023.37	0.00	-0.0321617.0		1023.60	0.00	0.0021719.0	
1024.30	0.00	0.0021832.0		1026.60	0.00	0.0021899.0		1039.90	0.00	0.0021944.0	
1026.40	0.00	0.0021978.0		1027.90	0.00	0.0022071.0		1027.50	0.00	0.0022152.0	
1035.00	0.00	0.0022165.0		1038.00	0.00	0.0022203.0		1029.80	0.00	0.0022244.0	
1028.00	0.00	0.0022345.0		1027.20	0.00	0.0022382.0		1028.60	0.00	0.0022420.0	
1026.80	0.00	0.0022440.0		1027.90	0.00	0.0022481.0		1027.60	0.00	0.0022613.0	
1026.60	0.00	0.0022741.0		1025.90	0.00	0.0022846.0		1027.60	0.00	0.0023072.0	
1027.60	0.00	0.0023185.0		1026.80	0.00	0.0023255.0		1027.50	0.00	0.0023320.0	
1029.00	0.00	0.0023400.0		1028.70	0.00	0.0023453.0		1028.10	0.00	0.0023607.0	
1028.10	0.00	0.0023727.0		1027.70	0.00	0.0023778.0					

SEC NO 9.38 TIME= 170.665 HOURS WSEL= 1015.68 WIDTH= 2025.74

Z	DZ	TDZ	Y	Z	DZ	TDZ	Y	Z	DZ	TDZ	Y
1029.30	0.00	0.0019110.0		1029.20	0.00	0.0019180.0		1025.20	0.00	0.0019188.0	
1024.90	0.00	0.0019242.0		1010.46	0.00	-0.0419289.9		1009.21	0.00	0.1119324.0	
1006.02	0.00	0.1219372.0		1007.81	0.00	0.1119435.0		1008.51	0.00	0.1119482.0	
1010.49	0.00	0.0919509.0		1018.91	0.00	0.0119788.0		1017.71	0.00	0.0119800.0	
1018.30	0.00	0.0019829.0		1020.29	0.00	-0.0119878.0		1021.42	-0.01	-0.0819928.0	
1021.11	0.00	0.0120001.0		1021.42	-0.01	-0.0820098.0		1021.42	0.00	-0.0820151.0	
1020.29	-0.02	-0.0120188.0		1019.10	-0.02	0.0020204.0		1019.52	-0.01	-0.0820229.1	
1023.37	0.00	-0.0320265.0		1022.30	0.00	-0.1020291.0		1020.27	0.00	-0.0320343.9	
1017.10	-0.01	0.0020422.0		1019.80	0.00	0.0020453.0		1020.66	0.00	-0.0420484.1	
1022.95	0.00	-0.0520503.0		1017.34	0.00	-0.0620527.9		1019.00	0.00	0.0020574.0	
1019.78	0.00	-0.0220635.0		1021.72	0.00	-0.0820665.0		1017.77	0.00	-0.0320688.0	
1019.21	0.00	0.0120723.0		1018.02	0.00	-4.5920748.0		992.75	0.00	4.7520783.0	
988.04	0.00	0.0422147.1		1028.00	0.00	0.0022292.0		1027.40	0.00	0.0022300.0	
1027.90	0.00	0.0022364.0		1037.60	0.00	0.0022383.0		1036.90	0.00	0.0022428.0	
1032.40	0.00	0.0022511.0		1031.90	0.00	0.0022530.0		1013.51	0.00	-0.0922564.9	
1013.64	0.00	0.0422592.0		1013.05	0.00	0.0522593.0		1012.95	0.00	-0.0522676.1	
1024.60	0.00	0.0022701.0		1021.12	0.00	-0.0822721.9		1027.10	0.00	0.0022760.0	
1028.00	0.00	0.0022810.0		1030.30	0.00	0.0022834.0		1028.80	0.00	0.0022883.0	
1029.60	0.00	0.0022982.0									

SEC NO 9.54 TIME= 170.665 HOURS WSEL= 1015.69 WIDTH= 2220.21

Z	DZ	TDZ	Y	Z	DZ	TDZ	Y	Z	DZ	TDZ	Y
1030.00	0.00	0.0019077.0		1030.00	0.00	0.0019157.0		1026.10	0.00	0.0019165.0	
1025.10	0.00	0.0019202.0		1017.76	0.00	-1.3419236.1		1017.76	0.00	-1.3419280.1	
1018.43	0.00	-1.8719317.0		1014.86	0.00	6.7619366.7		1010.35	0.00	3.8519403.0	

1010.60	0.00	3.7019427.0	1012.04	0.00	2.8419453.0	1014.94	0.00	0.6419496.0
1016.23	0.00	-0.4719540.0	1016.66	0.00	-0.6419589.0	1016.36	-0.01	-0.5419600.0
1016.48	0.00	-1.1219629.2	1017.81	-0.01	-1.3919797.0	1017.02	0.00	-1.2819894.9
1016.12	-0.02	-0.5819929.9	1014.58	-0.02	0.9819960.0	1014.52	-0.01	1.1219996.0
1014.52	0.00	1.1220000.0	1015.39	0.00	0.3920029.0	1012.47	0.00	-4.2320113.1
1026.20	-0.01	0.0020143.0	1014.71	0.00	-6.0920179.9	1017.96	0.00	-1.5320207.0
1016.60	0.00	-1.2020254.8	1014.72	0.00	-3.8820303.9	999.81	0.00	15.8120339.0
999.30	0.00	15.3020352.0	999.66	0.00	15.1620411.0	999.73	0.00	15.1320476.0
999.30	0.00	15.3020519.0	999.30	0.00	15.3020550.0	999.52	0.00	15.2220558.0
999.59	0.00	15.1920580.0	999.59	0.00	15.1920617.0	999.73	0.00	15.1320624.0
999.30	0.00	15.3020705.0	997.13	0.00	16.1320800.0	997.86	0.00	15.8620900.0
997.86	0.00	15.8621000.0	998.58	0.00	15.5821100.0	999.30	0.00	15.3021200.0
999.30	0.00	15.3021300.0	999.81	0.00	14.8121400.0	999.81	0.00	13.8121500.0
999.81	0.00	13.8121600.0	999.81	0.00	12.8121700.0	999.82	0.00	11.8221800.0
999.82	0.00	11.8221900.0	999.82	0.00	10.8222000.0	999.82	0.00	9.8222050.0
999.82	0.00	8.8222103.1	1031.10	0.00	0.0022176.0	1030.20	0.00	0.0022194.0
1028.30	0.00	0.0022199.0	1029.00	0.00	0.0022211.0	1029.90	0.00	0.0022268.0

SEC NO 9.66 TIME= 170.665 HOURS WSEL= 1015.62 WIDTH= 1263.01

Z	DZ	TDZ	Y	Z	DZ	TDZ	Y	Z	DZ	TDZ	Y
1031.00	0.00	0.0019040.0		1031.00	0.00	0.0019122.0		1023.34	0.00	4.4419141.0	
1022.52	0.00	3.4219199.3		1025.50	0.00	0.0019255.0		1024.80	0.00	0.0019351.0	
1021.77	0.00	4.9719406.0		1022.25	0.00	8.9519460.2		1022.25	0.00	9.3519488.0	
1022.24	0.00	9.7419500.0		1020.64	0.00	7.7419515.0		1020.81	0.00	6.0119552.7	
1020.78	0.00	4.0819638.9		1022.04	0.00	3.1419706.5		1022.30	-0.01	2.8019772.1	
1022.35	0.00	2.6519872.0		1022.23	-0.01	2.9319986.8		1022.28	0.00	2.9820000.0	
1022.28	-0.02	2.9820177.0		1022.09	-0.02	3.1920318.7		1022.17	-0.01	3.2720371.0	
1020.44	0.00	4.3420390.7		1022.00	0.00	3.7020411.0		1021.67	0.00	3.5720446.7	
1022.23	-0.01	2.9320481.2		1018.25	0.00	-1.4520586.1		1023.70	0.00	0.0020606.0	
1011.60	0.00	-11.1020636.8		1011.21	0.00	27.2120676.0		1007.21	0.00	23.2120707.0	
1007.34	0.00	23.7420757.0		1007.52	0.00	23.2220822.0		1007.69	0.00	23.2920871.0	
1007.90	0.00	24.0020920.0		1008.14	0.00	24.6420987.0		1008.57	0.00	24.4721135.0	
1008.61	0.00	24.0121255.0		1009.07	0.00	22.6721298.0		1008.62	0.00	24.3221363.0	
1008.62	0.00	25.0221485.0		1008.63	0.00	24.5321613.0		1008.63	0.00	24.0321725.0	
1010.18	0.00	25.7821822.4		1018.47	0.00	33.7721925.0		1025.90	0.00	0.0021992.0	
1025.90	0.00	0.0022064.0		1029.20	0.00	0.0022143.0		1031.20	0.00	0.0022239.0	
1030.50	0.00	0.0022277.0		1028.00	0.00	0.0022297.0		1029.10	0.00	0.0022323.0	
1031.10	0.00	0.0022340.0		1031.10	0.00	0.0022432.0		1031.90	0.00	0.0022606.0	
1032.10	0.00	0.0022735.0									

SEC NO 9.79 TIME= 170.665 HOURS WSEL= 1015.91 WIDTH= 696.56

Z	DZ	TDZ	Y	Z	DZ	TDZ	Y	Z	DZ	TDZ	Y
1035.34	0.00	-2.3718826.0		1035.26	0.00	2.3718826.1		1031.50	0.00	0.0018902.0	
1028.40	0.00	0.0018960.0		1024.25	0.00	1.9519007.1		1024.04	0.00	2.1419052.3	
1024.36	0.00	1.8619073.1		1025.50	0.00	0.0019121.0		1026.30	0.00	0.0019191.0	
1027.70	0.00	0.0019236.0		1026.70	0.00	0.0019273.0		1024.46	0.00	4.7619322.8	
1024.01	0.00	6.7019359.0		1024.19	0.00	7.8919427.7		1024.35	-0.01	5.4519451.3	
1024.79	0.00	5.1919475.4		1023.98	-0.01	4.0819499.9		1023.91	0.00	4.2119500.0	
1023.37	-0.02	3.3719529.3		1023.19	-0.02	0.6919605.1		1021.64	-0.01	0.4419661.6	
1022.06	0.00	-0.8419703.0		1021.69	0.00	-0.8119785.5		1022.67	0.00	-0.5319844.0	
1021.43	-0.01	-1.2719889.1		1021.28	0.00	-1.1219923.7		1009.29	0.00	-11.1119949.8	
1007.32	0.00	-12.3820000.0		1009.12	0.00	-7.2820081.2		1009.26	0.00	-5.0320178.3	
1001.04	0.00	-12.1620258.8		1001.04	0.00	-13.3720335.0		1001.04	0.00	-11.8620457.0	
1001.04	0.00	-11.8620534.3		1005.52	0.00	-9.1820592.8		1024.01	0.00	0.5120662.7	

1030.10	0.00	0.0020692.0	1027.90	0.00	0.0020755.0	1029.90	0.00	0.0020787.0
1030.80	0.00	0.0020888.0	1029.50	0.00	0.0020928.0	1029.60	0.00	0.0020996.0
1026.40	0.00	0.0021020.0	1027.30	0.00	0.0021070.0	1027.30	0.00	0.0021122.0
1026.70	0.00	0.0021195.0	1025.70	0.00	0.0021292.0	1026.40	0.00	0.0021372.0
1026.90	0.00	0.0021470.0	1027.20	0.00	0.0021555.0	1026.90	0.00	0.0021624.0
1025.60	0.00	0.0021690.0	1026.50	0.00	0.0021732.0	1027.20	0.00	0.0021789.0
1026.30	0.00	0.0021861.0	1026.30	0.00	0.0021910.0	1026.40	0.00	0.0021986.0
1026.30	0.00	0.0022116.0	1026.40	0.00	0.0022258.0	1026.00	0.00	0.0022387.0
1026.00	0.00	0.0022441.0	1030.80	0.00	0.0022465.0	1030.80	0.00	0.0022480.0
1030.00	0.00	0.0022487.0	1031.60	0.00	0.0022504.0	1033.10	0.00	0.0022569.0
1033.50	0.00	0.0022605.0	1035.60	0.00	0.0022673.0	1036.00	0.00	0.0022737.0
1036.00	0.00	0.0022858.0						

SEC NO 9.87 TIME= 170.665 HOURS WSEL= 1016.07 WIDTH= 639.49

Z	DZ	TDZ	Y	Z	DZ	TDZ	Y	Z	DZ	TDZ	Y
1035.90	0.00	0.0018744.0		1033.70	0.00	0.0018748.0		1032.90	0.00	0.0018806.0	
1032.30	0.00	0.0018863.0		1032.40	0.00	0.0018922.0		1027.50	0.00	0.0018981.0	
1030.40	0.00	0.0018991.0		1030.40	0.00	0.0019031.0		1025.68	0.00	3.3819051.0	
1025.79	0.00	1.6919079.0		1025.49	0.00	2.3919128.4		1025.67	0.00	1.5719156.9	
1025.90	0.00	0.0019210.0		1026.00	0.00	0.0019242.0		1025.56	-0.01	3.4619287.0	
1025.31	0.00	3.8119302.3		1025.31	-0.01	4.4119342.9		1023.76	0.00	2.4619387.2	
1022.41	-0.02	0.8119502.7		1022.01	-0.02	-0.7919596.4		1021.38	-0.01	-0.9219633.9	
1016.00	0.00	-4.5019671.3		1013.35	0.00	-9.1519750.3		1024.07	0.00	-0.3319809.0	
1023.44	-0.01	-0.6619874.0		1012.87	0.00	-10.3319994.7		1015.97	0.00	-7.3320000.0	
1006.29	0.00	-12.5120057.3		999.33	0.00	-13.5720142.1		999.33	0.00	-11.7720184.0	
999.33	0.00	-12.5720272.0		999.33	0.00	-13.3720347.0		999.33	0.00	-12.9720432.0	
1015.93	0.00	2.7320503.4		1025.44	0.00	9.5420563.9		1030.80	0.00	0.0020630.0	
1032.50	0.00	0.0020680.0		1036.10	0.00	0.0020717.0		1036.90	0.00	0.0020800.0	
1039.60	0.00	0.0020870.0		1038.66	0.00	-0.6420936.0		1029.94	0.00	0.6420948.0	
1029.30	0.00	0.0020960.0		1032.00	0.00	0.0020991.0		1031.30	0.00	0.0021078.0	
1030.50	0.00	0.0021164.0		1031.70	0.00	0.0021449.0		1027.60	0.00	0.0021698.0	
1026.00	0.00	0.0021800.0		1026.70	0.00	0.0021817.0		1029.10	0.00	0.0021878.0	
1032.90	0.00	0.0021998.0		1032.80	0.00	0.0022165.0		1032.40	0.00	0.0022233.0	
1029.60	0.00	0.0022261.0		1030.80	0.00	0.0022343.0		1031.10	0.00	0.0022370.0	
1031.10	0.00	0.0022380.0		1027.30	0.00	0.0022397.0		1028.10	0.00	0.0022463.0	
1027.70	0.00	0.0022582.0		1031.90	0.00	0.0022598.0		1031.84	0.00	-0.0722615.0	
1029.66	0.00	0.0722618.0		1029.60	0.00	0.0022620.0		1029.60	0.00	0.0022630.0	
1034.00	0.00	0.0022652.0		1034.50	0.00	0.0022721.0		1035.30	0.00	0.0022787.0	
1035.60	0.00	0.0022800.0									

SEC NO 10.00 TIME= 170.665 HOURS WSEL= 1016.40 WIDTH= 593.45

Z	DZ	TDZ	Y	Z	DZ	TDZ	Y	Z	DZ	TDZ	Y
1037.70	0.00	0.0018800.0		1036.90	0.00	0.0018848.0		1036.10	0.00	0.0018885.0	
1036.10	0.00	0.0018930.0		1034.10	0.00	0.0018992.0		1028.70	0.00	0.0019029.0	
1028.70	0.00	0.0019059.0		1028.00	0.00	0.0019092.0		1027.21	0.00	3.3119105.9	
1027.11	0.00	3.9119140.3		1027.45	0.00	3.8519167.3		1027.15	0.00	1.5519200.3	
1027.08	0.00	1.4819200.4		1027.54	0.00	2.7419257.6		1027.35	-0.01	2.5519335.5	
1027.22	0.00	2.0219393.2		1027.82	-0.01	3.0219442.9		1027.49	0.00	5.4919468.5	
1027.28	-0.02	6.4819482.7		1027.44	-0.02	6.2419530.0		1026.39	-0.01	8.7919569.0	
1024.89	0.00	5.6919626.2		1023.17	0.00	1.0719699.2		1021.97	0.00	-1.3319756.1	
1015.64	-0.01	-9.1619825.4		1006.51	0.00	-18.3919878.1		1025.98	0.00	-1.9219905.0	
1024.75	0.00	-1.6519964.0		1002.39	0.00	-20.4119994.9		1011.48	0.00	-12.1220047.0	
1011.04	0.00	-10.9620102.0		1000.89	0.00	-9.9120130.7		1000.66	0.00	-11.0420179.0	
1000.50	0.00	-9.2020221.0		1000.43	0.00	-7.2720233.0		1000.81	0.00	-8.0920329.0	

1000.83	0.00	-9.4720330.0	1001.16	0.00	-9.7420388.0	1004.92	0.00	-8.2820456.5
1027.28	0.00	6.3820532.9	1027.03	0.00	3.4320573.9	1027.70	0.00	1.2020621.3
1030.30	0.00	0.0020662.0	1032.90	0.00	0.0020717.0	1033.20	0.00	0.0020753.0
1039.20	0.00	0.0020782.0	1032.00	0.00	0.0020809.0	1031.90	0.00	0.0020862.0
1032.10	0.00	0.0020929.0	1033.20	0.00	0.0021000.0	1033.10	0.00	0.0021110.0
1032.70	0.00	0.0021261.0	1032.00	0.00	0.0021412.0	1032.80	0.00	0.0021547.0
1031.90	0.00	0.0021624.0	1032.80	0.00	0.0021690.0	1030.70	0.00	0.0021715.0
1030.90	0.00	0.0021749.0	1032.56	0.00	1.2721801.0	1032.64	0.00	-1.2721801.1
1031.90	0.00	0.0021813.0	1032.10	0.00	0.0021853.0	1032.00	0.00	0.0021968.0
1031.30	0.00	0.0022071.0	1031.30	0.00	0.0022204.0	1031.20	0.00	0.0022342.0
1031.10	0.00	0.0022472.0	1031.20	0.00	0.0022603.0	1031.50	0.00	0.0022711.0
1032.40	0.00	0.0022723.0						

SEC NO 10.06 TIME= 170.665 HOURS WSEL= 1016.57 WIDTH= 360.97

Z	DZ	TDZ	Y	Z	DZ	TDZ	Y	Z	DZ	TDZ	Y
1035.80	0.00	0.00	1000.0	1035.00	0.00	0.00	1350.0	1033.00	0.00	0.00	1450.0
1030.00	0.00	0.00	1700.0	1035.00	0.00	0.00	2000.0	1042.00	0.00	0.00	2250.0
1044.40	0.00	0.00	2477.0	1035.00	0.00	0.00	2478.0	1010.00	0.00	0.00	2575.0
994.08	0.00	-15.92	2600.0	994.08	0.00	-15.92	2600.1	994.08	0.00	-15.92	2620.0
994.08	0.00	-15.92	2640.0	994.08	0.00	-15.92	2660.0	994.08	-0.01	-15.92	2680.0
994.08	0.00	-15.92	2700.0	994.08	-0.01	-15.91	2715.0	994.08	0.00	-15.92	2730.0
994.08	-0.02	-15.92	2750.0	994.08	-0.02	-15.92	2780.0	994.08	-0.01	-15.92	2858.0
1010.00	0.00	0.00	2885.0	1035.00	0.00	0.00	2982.0	1043.00	0.00	0.00	2983.0
1037.50	-0.01	0.00	3300.0	1033.00	0.00	0.00	3500.0	1031.50	0.00	0.00	3595.0
1031.60	0.00	0.00	3704.0	1031.50	0.00	0.00	3745.0	1031.50	0.00	0.00	3770.0
1031.00	0.00	0.00	3813.0	1029.80	0.00	0.00	4021.0	1029.60	0.00	0.00	4177.0
1030.40	0.00	0.00	4360.0	1031.20	0.00	0.00	4420.0	1031.60	0.00	0.00	4497.0
1031.90	0.00	0.00	4525.0	1032.20	0.00	0.00	4718.0	1032.60	0.00	0.00	4883.0
1033.40	0.00	0.00	5065.0	1034.00	0.00	0.00	5180.0	1035.00	0.00	0.00	5298.0
1036.30	0.00	0.00	5499.0	1037.50	0.00	0.00	5622.0				

SEC NO 10.20 TIME= 170.665 HOURS WSEL= 1016.87 WIDTH= 535.58

Z	DZ	TDZ	Y	Z	DZ	TDZ	Y	Z	DZ	TDZ	Y
1038.70	0.00	0.0018021.0		1044.20	0.00	0.0018045.0		1045.40	0.00	0.0018073.0	
1036.00	0.00	0.0018112.0		1036.20	0.00	0.0018226.0		1036.20	0.00	0.0018385.0	
1037.10	0.00	0.0018476.0		1036.30	0.00	0.0018558.0		1035.40	0.00	0.0018713.0	
1035.00	0.00	0.0018864.0		1036.00	0.00	0.0018987.0		1036.00	0.00	0.0019075.0	
1037.00	0.00	0.0019161.0		1036.20	0.00	0.0019266.0		1035.90	-0.01	0.0019360.0	
1035.90	0.00	0.0019464.0		1026.27	-0.01	3.9719514.3		1021.70	0.00	0.3019542.7	
1019.03	-0.02	-0.0719561.2		1017.88	-0.02	-2.5219620.2		1018.20	-0.01	-6.0019698.4	
1016.54	0.00	-8.5619720.0		1028.62	0.00	-0.7819739.2		1030.00	0.00	0.0019785.0	
1030.60	-0.01	0.0019833.0		1032.00	0.00	0.0019848.0		1031.90	0.00	0.0019894.0	
1032.00	0.00	0.0019976.0		1032.40	0.00	0.0020000.0		1031.60	0.00	0.0020053.0	
1006.84	0.00	-11.3620090.5		1007.62	0.00	-6.1820186.0		1002.45	0.00	-11.3520496.2	
1021.76	0.00	-4.8420552.3		1035.10	0.00	0.0020584.0		1035.20	0.00	0.0020614.0	
1035.40	0.00	0.0020654.0		1031.10	0.00	0.0020706.0		1022.17	0.00	-5.0320729.7	
1014.64	0.00	-5.3620747.3		1018.83	0.00	-1.1720861.8		1019.49	0.00	-0.5121034.9	
1020.19	0.00	0.1921121.7		1021.33	0.00	1.3321160.1		1022.85	0.00	0.6521169.6	
1023.99	0.00	0.1921217.9		1025.92	0.00	0.1221229.6		1028.29	0.00	2.3921298.7	
1037.80	0.00	0.0021355.0		1037.80	0.00	0.0021390.0		1031.00	0.00	0.0021417.0	
1030.70	0.00	0.0021629.0		1030.80	0.00	0.0021700.0		1036.40	0.00	0.0021719.0	
1031.00	0.00	0.0021744.0		1030.30	0.00	0.0021903.0		1030.39	0.00	0.7922019.5	
1030.40	0.00	0.0022029.0		1036.80	0.00	0.0022061.0		1036.30	0.00	0.0022080.0	
1031.10	0.00	0.0022116.0		1030.40	0.00	0.0022232.0		1030.70	0.00	0.0022393.0	

1036.70	0.00	0.0022415.0	1030.40	0.00	0.0022450.0	1031.00	0.00	0.0022534.0
1031.00	0.00	0.0022722.0	1037.90	0.00	0.0022760.0	1037.90	0.00	0.0022798.0
1033.60	0.00	0.0022811.0						

SEC NO 10.38 TIME= 170.665 HOURS WSEL= 1018.38 WIDTH= 637.25

Z	DZ	TDZ	Y	Z	DZ	TDZ	Y	Z	DZ	TDZ	Y
1038.20	0.00	0.0018334.0		1039.80	0.00	0.0018530.0		1039.20	0.00	0.0018580.0	
1038.60	0.00	0.0018701.0		1037.10	0.00	0.0018876.0		1034.60	0.00	0.0019020.0	
1033.60	0.00	0.0019097.0		1035.00	0.00	0.0019257.0		1037.10	0.00	0.0019295.0	
1038.40	0.00	0.0019360.0		1031.17	0.00	3.7719386.5		1028.81	0.00	0.6119436.9	
1027.99	0.00	-0.4119471.3		1027.47	0.00	-0.5319500.3		1028.79	-0.01	-0.6119542.0	
1026.31	0.00	-0.8919614.3		1022.96	-0.01	-0.1419653.7		1020.39	0.00	-2.7119685.3	
1025.80	-0.02	-1.7019719.2		1029.45	-0.02	-0.5519787.0		1025.24	-0.01	-1.9619813.8	
1021.10	0.00	-4.1019922.5		1020.28	0.00	-4.0219976.0		1019.12	0.00	-4.3820000.3	
1014.27	-0.01	-6.9320049.1		1007.17	0.00	-8.2320118.0		1006.96	0.00	-7.2420158.0	
1007.43	0.00	-7.3720275.0		1008.31	0.00	-8.8920348.0		1008.56	0.00	-9.6420432.7	
1037.00	0.00	0.0020600.0		1037.00	0.00	0.0020601.0		1037.00	0.00	0.0020602.0	
1037.00	0.00	0.0020603.0		1037.00	0.00	0.0020604.0		1025.72	0.00	-1.7820765.8	
1027.38	0.00	-0.9220796.0		1014.57	0.00	-5.4320820.3		1016.72	0.00	-3.2820894.7	
1019.08	0.00	-0.9220996.7		1023.07	0.00	3.0721077.7		1030.85	0.00	-0.1521102.0	
1029.29	0.00	0.0921127.7		1030.32	0.00	1.3221175.0		1032.59	0.00	2.2921258.6	
1032.90	0.00	2.7021298.9		1033.41	0.00	-2.4921300.0		1035.20	0.00	0.0021331.0	
1043.10	0.00	0.0021358.0		1042.30	0.00	0.0021402.0					

SEC NO 10.56 TIME= 170.665 HOURS WSEL= 1020.84 WIDTH= 721.19

Z	DZ	TDZ	Y	Z	DZ	TDZ	Y	Z	DZ	TDZ	Y
1040.00	0.00	0.0018430.0		1036.70	0.00	0.0018498.0		1036.70	0.00	0.0018549.0	
1036.80	0.00	0.0018647.0		1035.20	0.00	0.0018759.0		1035.00	0.00	0.0018889.0	
1035.00	0.00	0.0018954.0		1036.30	0.00	0.0018981.0		1037.60	0.00	0.0019039.0	
1037.10	0.00	0.0019103.0		1032.07	0.00	-1.9319149.8		1031.42	0.00	-2.5819224.1	
1028.03	0.00	0.1319240.1		1024.49	0.00	0.1919294.5		1026.58	-0.01	-0.2219355.0	
1027.70	0.00	-1.3019387.0		1027.20	-0.01	-1.4019458.0		1024.03	0.00	-0.6719487.1	
1028.77	-0.02	-1.2319512.0		1028.75	-0.02	-1.2519584.0		1025.82	-0.01	-0.5819667.0	
1024.90	0.00	-0.9019761.0		1021.52	0.00	-1.6819936.5		1019.39	0.00	-2.9119997.2	
1017.75	-0.01	-3.7520000.0		1021.74	0.00	-2.2620017.0		1016.84	0.00	-4.2520055.0	
1016.56	0.00	-4.5420114.0		1022.13	0.00	-2.2720123.0		1018.89	0.00	-3.7120172.0	
1010.64	0.00	-7.3620205.0		1010.84	0.00	-7.3620226.0		1008.13	0.00	-8.9720385.0	
1009.11	0.00	-8.4920452.0		1012.58	0.00	-6.8220482.0		1018.12	0.00	-4.1820538.0	
1021.26	0.00	-2.7420576.0		1020.70	0.00	-2.9020619.0		1015.56	0.00	-5.0420627.0	
1016.42	0.00	-4.1820714.8		1021.87	0.00	-1.7320752.6		1023.11	0.00	-1.5920785.9	
1023.65	0.00	-1.1520832.7		1024.52	0.00	-4.5820852.0		1025.72	0.00	-4.6820941.0	
1026.64	0.00	-4.4621010.0		1024.73	0.00	-4.6721052.0		1026.09	0.00	-4.5121102.0	
1024.69	0.00	-2.1121145.0		1024.83	0.00	-2.2721185.0		1024.83	0.00	-0.7721250.0	
1025.39	0.00	-0.1221299.6		1027.42	0.00	-1.9821348.0		1045.40	0.00	0.0021377.0	
1044.60	0.00	0.0021399.0									

SEC NO 10.74 TIME= 170.665 HOURS WSEL= 1024.32 WIDTH= 1593.76

Z	DZ	TDZ	Y	Z	DZ	TDZ	Y	Z	DZ	TDZ	Y
1040.60	0.00	0.0018919.0		1040.70	0.00	0.0019024.0		1037.20	0.00	0.0019083.0	
1029.66	0.00	-4.1419158.3		1051.10	0.00	0.0019191.0		1051.60	0.00	0.0019271.0	
1042.70	0.00	0.0019286.0		1041.52	0.00	-3.1819364.0		1029.76	0.00	-2.9419380.2	

1024.85	0.00	3.2519426.2	1022.19	0.00	4.3919477.0	1022.15	0.00	4.3519513.0
1020.84	0.00	4.1419528.0	1020.78	0.00	4.0819581.0	1023.49	-0.01	4.4919615.0
1018.10	0.00	3.1019635.0	1018.18	-0.01	-0.4219664.0	1018.23	0.00	2.6319688.0
1018.32	-0.02	1.9219747.0	1021.59	-0.02	-4.2119772.0	1023.39	-0.01	-4.0119802.0
1021.89	0.00	-4.1119857.0	1020.92	0.00	-4.1819881.0	1018.57	0.00	-6.0319928.0
1029.93	-0.01	-4.0719961.0	1024.50	0.00	-3.7019989.6	1032.06	0.00	-7.9420000.0
1021.81	0.00	-11.3920049.8	1026.20	0.00	-4.2020104.8	1027.40	0.00	-5.3020144.6
1029.79	0.00	-4.1120206.0	1019.12	0.00	-3.8820243.0	1019.17	0.00	1.9720277.0
1019.29	0.00	0.2920385.0	1019.37	0.00	-1.8320433.0	1023.81	0.00	-3.6920448.0
1020.77	0.00	-3.5320515.0	1019.50	0.00	0.7020533.0	1019.56	0.00	3.3620577.0
1022.04	0.00	-3.4620633.0	1022.86	0.00	-3.5420721.0	1024.74	0.00	-3.9620763.2
1027.06	0.00	-3.9420785.0	1019.89	0.00	-0.9120816.8	1019.94	0.00	-0.8620889.0
1020.03	0.00	-2.9720915.0	1020.61	0.00	-2.9920950.0	1020.10	0.00	-0.6020983.0
1020.17	0.00	-0.9321054.0	1020.30	0.00	-2.1021144.0	1020.35	0.00	-1.9521241.0
1020.35	0.00	-1.9521279.0	1021.04	0.00	-1.9621304.2	1043.80	0.00	0.0021349.0
1041.10	0.00	0.0021354.0	1041.10	0.00	0.0021370.0	1045.50	0.00	0.0021385.0
1044.20	0.00	0.0021425.0						

SEC NO 10.89 TIME= 170.665 HOURS WSEL= 1026.67 WIDTH= 1839.58

Z	DZ	TDZ	Y	Z	DZ	TDZ	Y	Z	DZ	TDZ	Y
1048.60	0.00	0.0019091.0		1053.20	0.00	0.0019099.0		1048.30	0.00	0.0019108.0	
1051.80	0.00	0.0019229.0		1053.40	0.00	0.0019264.0		1021.87	0.00	-1.1319308.5	
1021.87	0.00	3.0719343.0		1021.87	0.00	2.0719388.0		1022.23	0.00	-2.0719440.0	
1019.92	0.00	6.5219477.0		1019.92	0.00	6.5219503.0		1022.15	0.00	-2.0519546.0	
1021.04	0.00	0.4419565.0		1021.04	0.00	-0.4619665.0		1026.20	-0.01	-2.9019696.0	
1024.78	0.00	-4.3219715.9		1030.19	-0.01	-3.2119739.0		1025.49	0.00	-4.5119765.1	
1026.90	-0.02	-3.1019800.0		1021.03	-0.02	-0.1819826.9		1021.04	-0.01	-0.1619880.1	
1026.30	0.00	-2.9019909.0		1026.53	0.00	-2.9720001.0		1024.53	0.00	-4.9720023.3	
1031.56	-0.01	-3.0420044.0		1021.60	0.00	-4.4020062.6		1021.02	0.00	0.7220083.0	
1021.04	0.00	0.7420135.0		1021.76	0.00	-1.7420161.0		1022.04	0.00	-1.7620252.0	
1022.10	0.00	-1.8020322.0		1026.03	0.00	-3.5720344.0		1021.04	0.00	1.0420355.0	
1021.03	0.00	1.0320419.0		1030.26	0.00	-3.1420469.0		1024.24	0.00	-4.1620479.0	
1024.23	0.00	-2.1720585.0		1023.47	0.00	-2.9320752.5		1028.40	0.00	-3.1020789.0	
1026.33	0.00	-5.1720814.6		1021.04	0.00	0.0420825.9		1021.04	0.00	0.0421256.3	
1041.10	0.00	0.0021293.0		1040.00	0.00	0.0021300.0		1043.40	0.00	0.0021343.0	
1042.40	0.00	0.0021377.0		1046.30	0.00	0.0021407.0		1045.00	0.00	0.0021449.0	
1043.20	0.00	0.0021557.0		1041.20	0.00	0.0021827.0		1041.00	0.00	0.0022095.0	
1040.80	0.00	0.0022346.0		1041.90	0.00	0.0022534.0		1042.60	0.00	0.0022647.0	
1043.20	0.00	0.0022720.0									

SEC NO 11.04 TIME= 170.665 HOURS WSEL= 1027.60 WIDTH= 1493.11

Z	DZ	TDZ	Y	Z	DZ	TDZ	Y	Z	DZ	TDZ	Y
1047.40	0.00	0.0018617.0		1047.00	0.00	0.0018700.0		1045.90	0.00	0.0018838.0	
1045.80	0.00	0.0018979.0		1045.50	0.00	0.0019161.0		1044.70	0.00	0.0019273.0	
1018.43	0.00	-2.5719369.7		1022.42	0.00	-2.1819448.2		1028.23	0.00	-1.1719547.0	
1032.15	0.00	-0.5519715.0		1032.47	0.00	-0.5319818.0		1031.00	0.00	-0.8019841.0	
1038.80	0.00	0.0019854.0		1025.39	0.00	-2.1019882.7		1025.76	-0.01	-2.0419912.3	
1032.07	0.00	-0.6319929.0		1029.05	-0.01	-1.2519934.0		1032.04	0.00	-0.6619986.0	
1032.53	-0.02	-0.5720000.0		1032.52	-0.02	-0.5820032.0		1014.72	-0.01	-3.0820068.7	
1013.81	0.00	-1.9920138.0		1013.79	0.00	-2.0120213.0		1013.78	0.00	-2.0220258.0	
1016.07	-0.01	-3.9320275.0		1015.26	0.00	-3.7420329.0		1013.48	0.00	-0.5220382.0	
1013.48	0.00	-0.5220444.0		1020.87	0.00	-3.9320481.0		1023.74	0.00	-2.9620576.3	
1035.77	0.00	-0.1320619.0		1020.52	0.00	-3.6820701.7		1020.56	0.00	-3.6420723.0	
1025.04	0.00	-2.3620789.0		1027.33	0.00	-1.6720885.0		1026.83	0.00	-1.7720917.0	

1022.23	0.00	-2.9720951.3	1028.15	0.00	-1.7520996.0	1020.37	0.00	-2.8321006.7
1020.04	0.00	-3.1621043.0	1027.03	0.00	-1.5721099.0	1026.05	0.00	-1.7521141.3
1030.38	0.00	-0.8221194.0	1036.14	0.00	-0.0721222.0	1043.00	0.00	0.0021271.0
1042.40	0.00	0.0021292.0	1042.70	0.00	0.0021300.0	1044.80	0.00	0.0021370.0
1047.40	0.00	0.0021420.0	1024.20	0.00	-1.7021492.7	1016.75	0.00	-2.2521553.0
1022.08	0.00	-1.8221632.0	1027.44	0.00	-0.9621693.3	1030.93	0.00	-0.4721755.0
1037.50	0.00	0.0021824.0	1041.00	0.00	0.0021878.0	1047.10	0.00	0.0021931.0
1049.10	0.00	0.0021990.0	1047.60	0.00	0.0022068.0	1051.20	0.00	0.0022146.0
1051.40	0.00	0.0022294.0	1048.20	0.00	0.0022412.0	1045.20	0.00	0.0022508.0
1046.30	0.00	0.0022595.0	1043.80	0.00	0.0022639.0			

APPENDIX 5

FLUVIAL-11

WITHOUT BORROW PITS

TIME=111.115 HRS. DT= 2400. SECS. TIME STEP= 105

No Pocket
w/ Bank Protection

SEC. NO.	W.S.ELEV. FEET	WIDTH FEET	DEPTH FEET	Q CFS	V FPS	SLOPE	D50 MM	QS CFS	FR
6.03	996.96	5251.01	18.16	189548.2	5.33	0.00109	7.03	77.25	0.36
6.11	997.45	5696.52	17.63	189548.2	5.11	0.00106	5.69	75.12	0.35
6.25	998.31	7377.91	19.61	189548.2	4.75	0.00118	8.26	71.64	0.36
6.38	999.08	6234.91	15.82	189548.2	5.09	0.00118	8.50	72.53	0.37
6.55	1000.00	4165.87	15.94	189548.2	5.84	0.00109	8.57	72.74	0.37
6.73	1001.08	4241.21	13.87	189548.2	6.14	0.00132	10.58	75.46	0.40
6.86	1002.08	4637.51	13.82	189548.2	6.13	0.00148	10.68	77.85	0.42
7.03	1003.43	4550.56	17.55	189548.2	6.38	0.00165	15.27	77.20	0.44
7.21	1005.07	4926.88	19.15	189548.2	6.48	0.00193	17.83	82.31	0.47
7.35	1006.50	4407.00	17.90	189548.2	6.78	0.00194	21.67	80.29	0.47
7.50	1008.07	4741.31	18.25	189548.2	6.67	0.00202	23.12	78.79	0.48
7.65	1009.69	4883.61	17.60	189548.2	6.49	0.00191	20.39	75.06	0.47
7.84	1011.60	5322.14	14.32	189548.2	5.96	0.00162	12.49	68.14	0.43
7.94	1012.28	3328.54	16.16	189548.2	7.26	0.00168	21.10	68.32	0.46
8.04	1012.73	1588.51	13.62	189548.2	9.10	0.00158	28.93	74.24	0.44
8.15	1013.89	2243.12	16.37	189548.2	8.60	0.00174	27.20	71.47	0.48
8.32	1015.61	2715.34	17.75	189548.2	7.85	0.00165	22.14	69.91	0.46
8.46	1016.91	3080.62	10.80	189548.2	7.37	0.00159	16.68	70.10	0.45
8.61	1018.21	3066.72	15.04	189548.2	7.53	0.00170	17.78	72.99	0.46
8.72	1019.29	3419.90	11.15	189548.2	7.20	0.00169	14.63	73.23	0.46
8.85	1020.40	3024.79	12.57	189548.2	7.68	0.00178	19.16	74.57	0.47
8.98	1021.63	2980.36	14.59	189548.2	7.81	0.00185	21.04	74.52	0.48
9.10	1022.72	2812.25	12.61	189548.2	7.83	0.00172	18.18	72.62	0.47
9.26	1024.15	2697.09	15.91	189548.2	7.72	0.00155	16.12	67.06	0.45
9.38	1025.34	3285.44	16.33	189548.2	7.16	0.00157	14.31	63.53	0.44
9.54	1026.64	2970.92	13.82	189548.2	7.87	0.00189	20.32	68.77	0.49
9.66	1027.87	2987.99	15.13	189548.2	8.38	0.00233	28.25	72.76	0.54
9.79	1029.44	3179.90	18.11	189548.2	8.58	0.00274	34.82	75.75	0.57
9.87	1030.37	2398.52	19.46	189548.2	9.76	0.00291	38.91	78.77	0.60
10.00	1032.67	3075.80	23.39	194540.0	8.84	0.00280	37.84	71.72	0.58
10.06	1033.88	2719.94	57.82	194540.0	7.52	0.00206	35.03	63.41	0.43
10.20	1035.35	3442.54	20.82	194540.0	6.73	0.00132	22.25	36.92	0.41
10.38	1036.36	2333.16	22.97	194540.0	7.70	0.00123	28.85	33.09	0.41
10.56	1037.71	2889.90	21.61	194540.0	6.47	0.00091	24.84	25.00	0.35
10.74	1038.41	2078.72	22.36	194540.0	6.57	0.00063	16.24	21.07	0.31
10.89	1038.89	2002.01	24.62	194540.0	6.52	0.00058	20.61	18.24	0.30
11.04	1039.44	2359.54	25.97	194540.0	6.12	0.00058	27.69	15.71	0.29
11.13	1039.97	2946.89	27.97	194540.0	4.49	0.00028	10.25	12.24	0.21

SEC NO 11.04 TIME= 111.115 HOURS WSEL= 1039.44 WIDTH= 2359.54

Z	DZ	TDZ	Y	Z	DZ	TDZ	Y	Z	DZ	TDZ	Y
1047.40	0.00	0.0018617.0		1047.00	0.00	0.0018700.0		1045.90	0.00	0.0018838.0	
1045.80	0.00	0.0018979.0		1045.50	0.00	0.0019161.0		1044.70	0.00	0.0019273.0	
1020.05	-0.02	-0.9519370.0		1023.85	-0.01	-0.7519448.0		1028.99	-0.01	-0.4119547.0	
1032.48	-0.01	-0.2219715.0		1032.78	-0.01	-0.2219818.0		1031.50	-0.01	-0.3019841.0	
1038.79	0.00	-0.0119854.0		1026.79	-0.01	-0.7119883.0		1027.11	-0.01	-0.6919912.0	
1032.45	-0.01	-0.2519929.0		1029.86	-0.01	-0.4419934.0		1032.44	-0.01	-0.2619986.0	
1032.86	-0.01	-0.2420000.0		1032.86	-0.01	-0.2420032.0		1015.89	-0.03	-1.9120069.0	
1014.05	0.00	-1.7520138.0		1014.03	0.00	-1.7720213.0		1014.00	0.00	-1.8020258.0	
1018.14	-0.03	-1.8620275.0		1016.96	-0.03	-2.0420329.0		1013.47	0.00	-0.5320382.0	
1013.47	0.00	-0.5320444.0		1023.52	-0.02	-1.2820481.0		1025.73	-0.02	-0.9720576.0	

1035.79	-0.01	-0.1120619.0	1022.99	-0.02	-1.2120702.0	1023.00	-0.02	-1.2020723.0
1026.62	-0.02	-0.7820789.0	1028.43	-0.01	-0.5720885.0	1028.00	-0.01	-0.6020917.0
1024.14	-0.02	-0.9620951.0	1029.45	-0.01	-0.4520996.0	1022.09	-0.02	-1.1121007.0
1022.11	-0.02	-1.0921043.0	1028.06	-0.01	-0.5421099.0	1027.20	-0.01	-0.6021141.0
1030.90	-0.01	-0.3021194.0	1036.13	0.00	-0.0721222.0	1043.00	0.00	0.0021271.0
1042.40	0.00	0.0021292.0	1042.70	0.00	0.0021300.0	1044.80	0.00	0.0021370.0
1047.40	0.00	0.0021420.0	1025.31	-0.01	-0.5921493.0	1018.01	-0.02	-0.9921553.0
1023.27	-0.01	-0.6321632.0	1028.06	-0.01	-0.3421693.0	1031.22	-0.01	-0.1821755.0
1037.48	0.00	-0.0221824.0	1041.00	0.00	0.0021878.0	1047.10	0.00	0.0021931.0
1049.10	0.00	0.0021990.0	1047.60	0.00	0.0022068.0	1051.20	0.00	0.0022146.0
1051.40	0.00	0.0022294.0	1048.20	0.00	0.0022417.0	1045.20	0.00	0.0022508.0
1046.30	0.00	0.0022595.0	1043.80	0.00	0.0022639.0			

SEC NO 10.89 TIME= 111.115 HOURS WSEL= 1038.89 WIDTH= 2002.01

Z	DZ	TDZ	Y	Z	DZ	TDZ	Y	Z	DZ	TDZ	Y
1048.60	0.00	0.0019091.0		1053.20	0.00	0.0019099.0		1048.30	0.00	0.0019108.0	
1051.80	0.00	0.0019229.0		1053.40	0.00	0.0019264.0		1022.76	-0.01	-0.2419311.6	
1019.17	0.03	0.3719343.0		1020.16	0.03	0.3619388.0		1023.67	-0.01	-0.6319440.0	
1014.31	0.04	0.9119477.0		1014.31	0.04	0.9119503.0		1023.58	-0.01	-0.6219546.0	
1020.96	0.03	0.3619565.0		1021.19	-0.01	-0.3119665.0		1028.51	-0.02	-0.5919696.0	
1028.41	-0.02	-0.6919715.1		1032.84	-0.02	-0.5619739.0		1029.34	-0.02	-0.6619765.9	
1029.43	-0.02	-0.5719800.0		1021.20	-0.01	0.0019827.0		1021.19	-0.01	-0.0119880.0	
1028.62	-0.02	-0.5819909.0		1028.94	-0.02	-0.5620001.0		1028.81	-0.02	-0.6920022.1	
1034.06	-0.02	-0.5420044.0		1025.23	-0.01	-0.7720063.9		1020.77	0.03	0.4720083.0	
1020.79	0.03	0.4920135.0		1022.97	-0.01	-0.5320161.0		1023.29	-0.01	-0.5120252.0	
1023.35	-0.01	-0.5520322.0		1028.23	-0.02	-1.3720344.0		1021.18	-0.01	1.1820355.0	
1020.38	0.03	0.3820418.1		1032.85	-0.02	-0.5520469.0		1027.71	-0.02	-0.6920479.9	
1025.87	-0.01	-0.5320585.0		1025.84	-0.01	-0.5620752.0		1030.94	-0.02	-0.5620789.0	
1029.66	-0.02	-1.8420815.0		1021.85	-0.01	0.8520826.0		1021.21	-0.01	0.2021253.3	
1041.10	0.00	0.0021293.0		1040.00	0.00	0.0021300.0		1043.40	0.00	0.0021343.0	
1042.40	0.00	0.0021377.0		1046.30	0.00	0.0021407.0		1045.00	0.00	0.0021449.0	
1043.20	0.00	0.0021557.0		1041.20	0.00	0.0021827.0		1041.00	0.00	0.0022095.0	
1040.80	0.00	0.0022346.0		1041.90	0.00	0.0022534.0		1042.60	0.00	0.0022647.0	
1043.20	0.00	0.0022720.0									

SEC NO 10.74 TIME= 111.115 HOURS WSEL= 1038.41 WIDTH= 2078.72

Z	DZ	TDZ	Y	Z	DZ	TDZ	Y	Z	DZ	TDZ	Y
1040.60	0.00	0.0018919.0		1040.70	0.00	0.0019024.0		1036.48	-0.04	-0.7219082.5	
1032.80	-0.03	-1.0019162.2		1051.10	0.00	0.0019191.0		1051.60	0.00	0.0019271.0	
1042.70	0.00	0.0019286.0		1044.70	0.00	0.0019364.0		1031.66	-0.03	-1.0419383.1	
1022.14	0.02	0.5419426.8		1018.80	0.03	1.0019477.0		1018.80	0.03	1.0019513.0	
1017.73	0.03	1.0319528.0		1017.73	0.03	1.0319581.0		1019.97	0.03	0.9719615.0	
1016.07	0.03	1.0719635.0		1019.58	0.03	0.9819664.0		1016.66	0.03	1.0619688.0	
1017.44	0.03	1.0419747.0		1024.76	-0.03	-1.0419772.0		1026.29	-0.03	-1.1119802.0	
1024.95	-0.03	-1.0519857.0		1024.08	-0.02	-1.0219881.0		1023.13	-0.02	-1.4719927.3	
1033.00	-0.03	-1.0019961.0		1028.15	-0.03	-0.0519987.2		1037.27	-0.04	-2.7320000.0	
1031.45	-0.03	-1.7520053.6		1029.03	-0.03	-1.3820104.8		1031.55	-0.03	-1.1520144.1	
1032.91	-0.03	-0.9920206.0		1022.05	-0.02	-0.9520243.7		1018.22	0.03	1.0220277.0	
1019.97	0.03	0.9720385.0		1022.01	-0.02	0.8120433.0		1026.39	-0.03	-1.1120446.0	
1023.31	-0.02	-0.9920515.0		1019.78	0.03	0.9820533.0		1017.24	0.03	1.0420577.0	
1024.47	-0.02	-1.0320633.0		1025.28	-0.03	-1.1220721.0		1027.43	-0.03	-1.2720763.1	
1029.89	-0.03	-1.1120785.0		1021.52	0.02	0.7220816.9		1021.72	0.02	0.9220889.0	
1022.05	-0.02	-0.9520915.0		1022.63	-0.02	-0.9720950.0		1021.63	0.02	0.9320983.0	
1022.01	0.02	0.9121054.0		1022.04	-0.02	-0.3621144.0		1022.05	-0.02	-0.2521241.0	

1022.05	-0.02	-0.2521279.0	1022.05	-0.02	-0.9521301.1	1043.80	0.00	0.0021349.0
1041.10	0.00	0.0021354.0	1041.10	0.00	0.0021370.0	1045.50	0.00	0.0021385.0
1044.20	0.00	0.0021425.0						

SEC NO 10.56 TIME= 111.115 HOURS WSEL= 1037.71 WIDTH= 2889.90

Z	DZ	TDZ	Y	Z	DZ	TDZ	Y	Z	DZ	TDZ	Y
1040.00	0.00	0.0018430.0		1036.38	-0.05	-0.3218497.8		1036.36	-0.05	-0.3418549.0	
1036.37	-0.05	-0.4318647.0		1034.86	0.00	-0.3418758.8		1034.85	0.00	-0.1518889.0	
1034.82	0.00	-0.1818954.1		1035.82	0.00	-0.4818981.2		1037.25	-0.05	-0.3519039.0	
1036.40	-0.05	-0.7019102.9		1033.51	0.01	-0.4919150.7		1033.91	0.01	-0.0919224.0	
1028.07	0.01	0.1719240.0		1024.35	0.01	0.0519294.0		1026.85	0.01	0.0519355.0	
1028.91	0.01	-0.0919387.0		1028.50	0.01	-0.1019458.0		1024.66	0.01	-0.0419487.0	
1029.91	0.01	-0.0919512.0		1029.91	0.01	-0.0919584.0		1026.40	0.01	0.0019667.0	
1025.76	0.01	-0.0419761.0		1022.96	0.01	-0.2419936.0		1021.97	0.01	-0.3319997.0	
1021.11	0.01	-0.3920000.0		1023.78	0.01	-0.2220017.0		1020.66	0.01	-0.4420055.0	
1020.63	0.01	-0.4720114.0		1024.18	0.01	-0.2220123.0		1022.22	0.01	-0.3820172.0	
1017.22	0.01	-0.7820205.0		1017.42	0.01	-0.7820226.0		1016.11	0.01	-0.9920385.0	
1016.70	0.01	-0.9020452.0		1018.69	0.01	-0.7120482.0		1021.87	0.01	-0.4320538.0	
1023.73	0.01	-0.2720576.0		1023.31	0.01	-0.2920619.0		1020.07	0.01	-0.5320627.0	
1020.12	0.01	-0.4820715.0		1023.36	0.01	-0.2420753.0		1024.54	0.01	-0.1620786.0	
1024.66	0.01	-0.1420833.0		1028.55	-0.05	-0.5620852.0		1029.21	-0.05	-1.1920941.0	
1029.91	-0.05	-1.1921010.0		1028.55	-0.05	-0.8521052.0		1029.41	-0.05	-1.1921102.0	
1026.82	0.01	0.0221145.0		1027.13	0.01	0.0321185.0		1025.59	0.01	-0.0121250.0	
1025.59	0.01	0.1021299.9		1028.56	-0.05	-0.8421347.5		1045.40	0.00	0.0021377.0	
1044.60	0.00	0.0021399.0									

SEC NO 10.38 TIME= 111.115 HOURS WSEL= 1036.36 WIDTH= 2333.16

Z	DZ	TDZ	Y	Z	DZ	TDZ	Y	Z	DZ	TDZ	Y
1038.20	0.00	0.0018334.0		1039.80	0.00	0.0018530.0		1039.20	0.00	0.0018580.0	
1038.60	0.00	0.0018701.0		1037.10	0.00	0.0018876.0		1033.82	0.01	-0.7819019.6	
1033.24	-0.01	-0.3619097.0		1033.56	-0.01	-1.4419257.5		1037.10	0.00	0.0019295.0	
1038.40	0.00	0.0019360.0		1026.30	-0.02	-1.1019383.5		1027.66	-0.02	-0.5419436.0	
1027.87	-0.02	-0.5319471.0		1027.44	-0.02	-0.5619500.0		1028.91	-0.02	-0.4919542.0	
1026.94	-0.02	-0.2619614.0		1022.82	-0.02	-0.2819652.2		1022.38	-0.02	-0.7219684.0	
1027.23	-0.02	-0.2719719.0		1029.51	-0.02	-0.4919787.0		1026.88	-0.02	-0.3219814.0	
1024.62	-0.02	-0.5819923.0		1023.57	-0.03	-0.7319976.0		1022.65	-0.03	-0.8520000.0	
1020.00	-0.03	-1.2020049.0		1013.90	0.00	-1.5020118.0		1013.39	0.00	-0.8120158.0	
1013.70	0.00	-1.1020275.0		1015.55	-0.04	-1.6520348.0		1015.27	-0.03	-2.9320432.9	
1037.00	0.00	0.0020600.0		1037.00	0.00	0.0020601.0		1037.00	0.00	0.0020602.0	
1037.00	0.00	0.0020603.0		1037.00	0.00	0.0020604.0		1025.76	-0.02	-1.7420765.1	
1028.11	-0.02	-0.1920796.0		1019.13	-0.03	-0.8720821.0		1019.20	-0.03	-0.8020895.0	
1019.29	-0.03	-0.7120998.0		1020.09	-0.02	0.0921080.6		1030.83	-0.01	-0.1721102.0	
1029.09	-0.01	-0.1121128.0		1029.06	-0.01	0.0621175.9		1030.26	-0.01	-0.0421260.0	
1032.58	-0.01	2.3821299.1		1032.75	-0.01	-3.1521300.3		1034.92	0.04	-0.2821331.1	
1043.10	0.00	0.0021358.0		1042.30	0.00	0.0021402.0					

SEC NO 10.20 TIME= 111.115 HOURS WSEL= 1035.35 WIDTH= 3442.54

Z	DZ	TDZ	Y	Z	DZ	TDZ	Y	Z	DZ	TDZ	Y
1038.70	0.00	0.0018021.0		1044.20	0.00	0.0018045.0		1045.40	0.00	0.0018073.0	
1036.00	0.00	0.0018112.0		1036.20	0.00	0.0018226.0		1036.20	0.00	0.0018385.0	
1037.10	0.00	0.0018476.0		1036.30	0.00	0.0018558.0		1034.98	-0.04	-0.4218712.7	

1034.43	-0.04	-0.5718864.2	1036.00	0.00	0.0018987.0	1036.00	0.00	0.0019075.0
1037.00	0.00	0.0019161.0	1036.20	0.00	0.0019266.0	1035.90	0.00	0.0019360.0
1035.90	0.00	0.0019464.0	1020.72	-0.03	-1.5819510.4	1021.49	0.03	0.1019540.0
1020.40	0.03	1.3019560.0	1021.50	0.03	1.1019619.0	1023.02	0.03	-1.1819698.1
1023.01	0.03	-2.0919719.7	1029.04	0.03	-0.3619739.1	1029.73	0.03	-0.2719785.1
1030.54	0.02	-0.0619833.0	1031.91	0.02	-0.0919848.0	1031.82	0.02	-0.0819894.0
1031.91	0.02	-0.0919976.0	1032.30	0.02	-0.1020000.0	1031.53	0.02	-0.0720053.0
1017.87	0.03	-0.3320093.1	1015.07	0.03	1.2720186.0	1014.57	0.03	0.7720494.3
1024.92	0.03	-1.6820552.0	1034.49	-0.04	-0.6120584.0	1034.44	-0.04	-0.7620614.1
1034.98	-0.04	-0.4220654.0	1030.29	-0.03	-0.8120705.5	1026.34	0.03	-0.8620730.5
1020.56	0.03	0.5620749.6	1021.23	0.03	1.2320862.0	1021.25	0.03	1.2521035.0
1021.27	0.03	1.2721122.0	1021.27	0.03	1.2721161.0	1023.38	0.03	1.1821170.0
1024.51	0.03	0.7121218.2	1025.79	0.03	-0.0121231.0	1024.23	-0.03	-1.6621301.5
1037.80	0.00	0.0021355.0	1037.80	0.00	0.0021390.0	1030.16	-0.03	-0.8421416.2
1030.28	-0.03	-0.4221629.0	1029.97	-0.03	-0.8321700.8	1036.40	0.00	0.0021719.0
1030.16	-0.03	-0.8421743.2	1030.27	-0.03	-0.0321903.0	1030.04	0.02	0.4422020.0
1029.55	-0.03	-0.8522029.8	1036.80	0.00	0.0022061.0	1036.30	0.00	0.0022080.0
1030.26	-0.03	-0.8422115.2	1030.28	-0.03	-0.1222232.0	1029.88	-0.03	-0.8222393.8
1036.70	0.00	0.0022415.0	1029.57	-0.03	-0.8322449.2	1030.30	-0.03	-0.7022534.0
1030.30	-0.03	-0.7022722.7	1037.90	0.00	0.0022760.0	1037.90	0.00	0.0022798.0
1035.64	0.00	0.0022811.0						

SEC NO 10.06 TIME= 111.115 HOURS WSEL= 1033.88 WIDTH= 2719.94

Z	DZ	TDZ	Y	Z	DZ	TDZ	Y	Z	DZ	TDZ	Y
1035.80	0.00	0.00	1000.0	1035.00	0.00	0.00	1350.0	1033.00	0.00	0.00	1450.0
1030.00	0.00	0.00	1700.0	1035.00	0.00	0.00	2000.0	1042.00	0.00	0.00	2250.0
1044.40	0.00	0.00	2477.0	1035.00	0.00	0.00	2478.0	994.09	-0.32	-15.91	2575.1
975.82	-0.31	-34.18	2600.0	975.75	-0.31	-34.25	2600.1	977.40	-0.46	-32.60	2620.0
977.06	-0.47	-32.94	2640.0	976.72	-0.47	-33.28	2660.0	976.38	-0.48	-33.62	2680.0
976.04	-0.48	-33.96	2700.0	975.77	-0.49	-34.22	2715.0	976.04	-0.48	-33.96	2730.0
976.38	-0.48	-33.62	2750.0	976.89	-0.47	-33.11	2780.0	977.01	-0.46	-32.99	2858.0
995.47	0.00	-14.53	2885.0	1035.00	0.00	0.00	2982.0	1043.00	0.00	0.00	2983.0
1037.50	0.00	0.00	3300.0	1033.00	0.00	0.00	3500.0	1031.50	0.00	0.00	3595.0
1031.60	0.00	0.00	3704.0	1031.50	0.00	0.00	3745.0	1031.50	0.00	0.00	3770.0
1031.00	0.00	0.00	3813.0	1029.80	0.00	0.00	4021.0	1029.60	0.00	0.00	4177.0
1030.40	0.00	0.00	4360.0	1031.20	0.00	0.00	4420.0	1031.60	0.00	0.00	4497.0
1031.90	0.00	0.00	4525.0	1032.20	0.00	0.00	4718.0	1032.60	0.00	0.00	4883.0
1033.40	0.00	0.00	5065.0	1034.00	0.00	0.00	5180.0	1035.00	0.00	0.00	5298.0
1036.30	0.00	0.00	5499.0	1037.50	0.00	0.00	5622.0				

SEC NO 10.00 TIME= 111.115 HOURS WSEL= 1032.67 WIDTH= 3075.80

Z	DZ	TDZ	Y	Z	DZ	TDZ	Y	Z	DZ	TDZ	Y
1037.70	0.00	0.0018800.0		1036.90	0.00	0.0018848.0		1036.10	0.00	0.0018885.0	
1036.10	0.00	0.0018930.0		1034.10	0.00	0.0018992.0		1032.96	0.00	4.2619031.5	
1032.89	0.00	4.1919061.1		1031.18	0.23	3.1819094.8		1026.21	-0.04	2.3119106.7	
1026.11	-0.04	2.9119139.8		1023.08	-0.07	-0.5219165.0		1025.31	-0.05	-0.2919199.0	
1025.30	-0.05	-0.3019200.0		1024.35	-0.06	-0.4519256.0		1024.26	-0.06	-0.5419334.0	
1024.67	-0.06	-0.5319392.0		1024.15	-0.07	-0.6519441.0		1019.63	-0.11	-2.3719464.3	
1019.61	-0.11	-1.1919479.0		1019.98	-0.11	-1.2219524.0		1015.71	-0.14	-1.8919563.0	
1017.47	-0.13	-1.7319616.0		1019.40	-0.12	-2.7019697.6		1021.43	-0.10	-1.8819754.1	
1023.73	-0.08	-1.0719830.0		1023.82	-0.09	-1.0819865.0		1025.83	-0.07	-2.0719905.0	
1025.58	-0.07	-0.8219964.0		1019.05	-0.14	-3.7520007.4		1021.91	-0.11	-1.6920047.0	
1018.38	-0.15	-3.6220101.3		1009.97	0.00	-0.8320133.0		1010.03	0.00	-1.6720179.0	
1009.81	0.00	0.1120221.0		1009.28	0.00	1.5820233.0		1009.73	0.00	0.8320329.0	

1009.63	0.00	-0.4720330.0	1009.98	0.00	-0.9220388.0	1010.58	-0.07	-2.6220458.0
1017.37	-0.15	-3.5320537.7	1023.94	-0.08	0.3420575.2	1027.76	-0.05	1.2720621.1
1030.55	-0.02	0.2520661.6	1032.90	0.00	0.0020717.0	1033.20	0.00	0.0020753.0
1039.20	0.00	0.0020782.0	1031.93	-0.01	-0.0720809.0	1031.82	-0.01	-0.0820862.0
1032.05	-0.01	-0.0520929.0	1033.20	0.00	0.0021000.0	1033.10	0.00	0.0021110.0
1032.70	0.00	0.0021261.0	1031.95	0.00	-0.0521412.0	1032.80	0.00	0.0021547.0
1031.85	0.00	-0.0521624.0	1032.80	0.00	0.0021690.0	1031.10	-0.01	0.4021714.7
1031.22	-0.01	0.3221748.7	1032.56	0.00	1.2621801.0	1032.63	0.00	-1.2721801.1
1031.85	0.00	-0.0521813.0	1032.07	0.00	-0.0321853.0	1031.97	0.00	-0.0321968.0
1031.21	-0.01	-0.0922071.0	1031.23	0.00	-0.0722204.0	1031.14	0.00	-0.0622342.0
1031.59	0.12	0.4922471.7	1032.90	0.00	1.7022602.0	1032.76	0.00	1.2622710.3
1032.83	0.00	0.0022723.0						

SEC NO 9.87 TIME= 111.115 HOURS WSEL= 1030.37 WIDTH= 2398.52

Z	DZ	TDZ	Y	Z	DZ	TDZ	Y	Z	DZ	TDZ	Y
1035.90	0.00	0.0018744.0		1033.70	0.00	0.0018748.0		1032.90	0.00	0.0018806.0	
1032.30	0.00	0.0018863.0		1032.40	0.00	0.0018922.0		1025.65	0.00	-1.8518979.1	
1030.40	0.00	0.0018991.0		1030.40	0.00	0.0019031.0		1022.37	-0.02	0.0719048.2	
1023.93	-0.01	-0.1719078.0		1023.73	-0.01	0.6319127.0		1023.92	-0.01	-0.1819156.0	
1023.89	-0.01	-2.0119210.0		1023.97	-0.01	-2.0319242.0		1023.62	-0.02	1.5219285.1	
1023.03	-0.02	1.5319300.1		1022.24	-0.02	1.3419340.0		1022.61	-0.02	1.3119385.0	
1022.83	-0.02	1.2419501.0		1023.68	-0.02	0.8819596.0		1023.54	-0.02	1.2419633.0	
1021.36	-0.02	0.8619671.0		1023.71	-0.02	1.2119747.0		1023.76	-0.02	-0.6419809.0	
1023.79	-0.02	-0.3119874.0		1023.57	-0.02	0.3719998.0		1023.68	-0.02	0.3820000.0	
1018.35	-0.03	-0.4520056.0		1013.79	-0.04	0.8920141.0		1013.28	-0.04	2.1820184.0	
1013.73	-0.04	1.8320272.0		1013.86	-0.04	1.1620347.0		1013.86	-0.04	1.5620432.0	
1013.97	-0.04	0.7620512.0		1010.89	-0.02	-5.0120572.8		1030.80	0.00	0.0020630.0	
1032.50	0.00	0.0020680.0		1036.10	0.00	0.0020717.0		1036.90	0.00	0.0020800.0	
1039.60	0.00	0.0020870.0		1038.65	0.00	-0.6520936.0		1029.94	0.00	0.6420948.0	
1028.37	-0.01	-0.9320959.7		1032.00	0.00	0.0020991.0		1031.30	0.00	0.0021078.0	
1030.50	0.00	0.0021164.0		1031.70	0.00	0.0021449.0		1023.47	-0.01	-4.1321694.9	
1024.30	-0.01	-1.7021799.6		1023.52	-0.01	-3.1821819.7		1028.20	0.00	-0.9021878.3	
1032.90	0.00	0.0021998.0		1032.80	0.00	0.0022165.0		1032.40	0.00	0.0022233.0	
1029.59	0.00	-0.0122261.0		1030.80	0.00	0.0022343.0		1031.10	0.00	0.0022370.0	
1031.10	0.00	0.0022380.0		1023.30	-0.01	-4.0022393.8		1025.26	0.00	-2.8422463.0	
1025.55	0.00	-2.1522583.3		1031.90	0.00	0.0022598.0		1031.84	0.00	-0.0622615.0	
1030.53	0.17	0.9322617.5		1030.49	0.00	0.8922619.5		1030.50	0.00	0.9022629.5	
1034.00	0.00	0.0022652.0		1034.50	0.00	0.0022721.0		1035.30	0.00	0.0022787.0	
1035.60	0.00	0.0022800.0									

SEC NO 9.79 TIME= 111.115 HOURS WSEL= 1029.44 WIDTH= 3179.90

Z	DZ	TDZ	Y	Z	DZ	TDZ	Y	Z	DZ	TDZ	Y
1035.34	0.00	-2.3718826.0		1035.26	0.00	2.3718826.1		1031.50	0.00	0.0018902.0	
1029.49	0.00	1.0918960.6		1029.67	0.00	7.3719010.3		1027.33	0.22	5.4319054.2	
1022.46	0.00	-0.0419072.0		1025.62	0.00	0.1219121.0		1026.44	0.00	0.1419191.0	
1027.81	0.00	0.1119236.0		1026.84	0.00	0.1419273.0		1019.45	0.00	-0.2519320.0	
1016.76	0.00	-0.5419355.0		1015.58	0.00	-0.7219423.0		1018.39	0.00	-0.5119448.0	
1018.71	0.00	-0.8919472.0		1018.92	0.00	-0.9819498.0		1018.70	0.00	-1.0019500.0	
1018.62	0.00	-1.3819524.3		1022.24	0.00	-0.2619604.0		1019.70	0.00	-1.5019657.7	
1022.68	0.00	-0.2219703.0		1022.17	0.00	-0.3319785.0		1022.99	0.00	-0.2119844.0	
1022.38	0.00	-0.3219889.0		1022.00	0.00	-0.4019923.0		1018.54	0.00	-1.8619949.7	
1018.23	0.00	-1.4720000.0		1014.81	0.00	-1.5920078.0		1012.48	0.00	-1.8220171.0	
1011.63	0.00	-1.5720255.0		1012.39	0.00	-2.0120335.0		1011.34	0.00	-1.5620457.0	
1011.34	0.00	-1.5620535.0		1012.40	0.00	-2.3020600.1		1023.53	0.00	0.0320662.9	

1030.10	0.00	0.0020692.0	1027.15	0.00	-0.7520754.7	1029.90	0.00	0.0020787.0
1030.80	0.00	0.0020888.0	1029.50	0.00	0.0020928.0	1029.60	0.00	0.0020996.0
1026.10	0.00	-0.3021019.7	1027.01	0.00	-0.2921070.0	1027.01	0.00	-0.2921122.0
1026.84	0.00	0.1421195.0	1025.90	0.00	0.2021291.9	1026.54	0.00	0.1421372.0
1027.04	0.00	0.1421470.0	1026.91	0.00	-0.2921555.0	1027.04	0.00	0.1421624.0
1026.20	0.00	0.6021689.7	1026.64	0.00	0.1421732.0	1026.91	0.00	-0.2921789.0
1026.44	0.00	0.1421861.0	1026.44	0.00	0.1421910.0	1026.55	0.00	0.1521986.0
1026.45	0.00	0.1522116.0	1026.55	0.00	0.1522258.0	1029.03	0.14	3.0322385.3
1029.60	0.00	3.6022438.9	1030.80	0.00	0.0022465.0	1030.80	0.00	0.0022480.0
1030.00	0.00	0.0022487.0	1031.60	0.00	0.0022504.0	1033.10	0.00	0.0022569.0
1033.50	0.00	0.0022605.0	1035.60	0.00	0.0022673.0	1036.00	0.00	0.0022737.0
1036.00	0.00	0.0022858.0						

SEC NO 9.66 TIME= 111.115 HOURS WSEL= 1027.87 WIDTH= 2987.99

Z	DZ	TDZ	Y	Z	DZ	TDZ	Y	Z	DZ	TDZ	Y
1031.00	0.00	0.0019040.0		1031.00	0.00	0.0019122.0		1020.68	0.07	1.7819146.7	
1019.51	0.00	0.4119193.1		1023.10	0.00	-2.4019255.0		1022.19	0.00	-2.6119350.9	
1017.24	0.00	0.4519414.0		1013.59	0.00	0.2919461.0		1013.16	0.00	0.2619488.0	
1012.74	0.00	0.2419500.0		1013.16	0.00	0.2619515.0		1015.16	0.00	0.3619552.0	
1017.15	0.00	0.4519637.0		1019.44	0.00	0.5419706.0		1020.07	0.00	0.5719772.0	
1020.28	0.00	0.5819872.0		1019.88	0.00	0.5819987.0		1019.88	0.00	0.5820000.0	
1019.90	0.00	0.6020177.0		1019.51	0.00	0.6120319.0		1019.51	0.00	0.6120371.0	
1016.69	0.00	0.5920393.0		1018.91	0.00	0.6120411.0		1018.72	0.00	0.6220446.0	
1019.93	0.00	0.6320481.0		1020.33	0.00	0.6420579.0		1024.22	0.00	0.5220606.0	
1023.27	0.00	0.5720646.0		1023.27	0.00	0.5720676.0		1018.65	0.00	0.6520707.0	
1016.27	0.00	0.6720757.0		1014.00	0.00	0.7020822.0		1015.11	0.00	0.7120871.0	
1016.61	0.00	0.7120920.0		1016.23	0.00	0.7320987.0		1014.90	0.00	0.8021135.0	
1016.69	0.00	3.0921253.7		1025.08	0.00	-1.3221298.0		1024.64	0.00	0.3421362.9	
1024.13	0.00	0.5321485.0		1023.96	0.00	0.8621612.8		1024.67	0.00	1.0721724.7	
1025.02	0.00	0.6221821.3		1024.98	0.00	-0.7221921.9		1024.92	0.00	-0.9821991.6	
1025.27	0.15	-0.6322064.5		1029.20	0.00	0.0022143.0		1031.20	0.00	0.0022239.0	
1030.50	0.00	0.0022277.0		1028.00	0.00	0.0022297.0		1029.10	0.00	0.0022323.0	
1031.10	0.00	0.0022340.0		1031.10	0.00	0.0022432.0		1031.90	0.00	0.0022606.0	
1032.10	0.00	0.0022735.0									

SEC NO 9.54 TIME= 111.115 HOURS WSEL= 1026.64 WIDTH= 2970.92

Z	DZ	TDZ	Y	Z	DZ	TDZ	Y	Z	DZ	TDZ	Y
1030.00	0.00	0.0019077.0		1030.00	0.00	0.0019157.0		1026.03	-0.13	-0.0719164.8	
1024.07	0.03	-1.0319201.0		1019.33	0.04	0.2319236.2		1019.33	0.04	0.2319280.4	
1020.41	0.04	0.1119317.0		1014.92	0.05	6.8219366.6		1014.18	0.05	7.6819403.0	
1014.49	0.05	7.5919427.0		1016.29	0.05	7.0919453.0		1019.32	0.04	5.0219496.0	
1019.29	0.04	2.5919540.0		1019.29	0.04	1.9919589.0		1019.32	0.04	2.4219600.0	
1019.32	0.04	1.7219629.0		1019.41	0.04	0.2019797.0		1019.29	0.04	0.9919895.0	
1019.29	0.04	2.5919930.0		1019.31	0.04	5.7119960.0		1019.29	0.04	5.8919996.0	
1019.29	0.04	5.8920000.0		1019.33	0.04	4.3320029.0		1015.79	0.05	-0.9120114.0	
1025.98	-0.13	-0.2220143.0		1017.31	0.05	-3.4920179.6		1019.30	0.04	-0.2020206.6	
1019.32	0.04	1.5220254.9		1019.30	0.04	0.7020304.7		1020.48	0.04	-0.5220339.5	
1022.14	0.04	0.1420352.0		1021.32	0.04	-0.1820410.7		1021.70	0.04	0.1020476.0	
1020.76	0.04	-0.2420518.7		1021.08	0.04	0.0820550.0		1019.30	0.04	1.0020557.3	
1019.31	0.04	1.9120580.0		1019.33	0.04	2.9320617.2		1019.30	0.04	-0.3020624.5	
1019.31	0.04	-1.6920706.3		1024.00	0.03	-2.0020719.0		1019.77	0.04	-0.4320726.4	
1020.41	0.04	0.1120788.0		1020.04	0.04	0.0420836.9		1019.30	0.04	1.4020886.7	
1019.30	0.04	2.9020928.0		1019.32	0.04	3.5220960.0		1019.31	0.04	1.9121001.0	
1019.33	0.04	1.1321062.0		1019.33	0.04	0.2321133.0		1019.41	0.04	0.2021185.0	

1019.33	0.04	2.5321229.0	1018.04	0.04	6.5421277.0	1017.51	0.05	6.7121322.0
1018.26	0.04	6.3621357.0	1019.31	0.04	5.1121379.0	1018.41	0.04	6.4121413.0
1015.52	0.05	7.3221439.0	1012.77	-0.09	6.9721461.0	1012.72	-0.09	4.3221516.0
1012.92	-0.10	-4.5821549.4	1019.47	-0.11	-3.3321563.0	1018.37	-0.10	-3.6321616.7
1014.41	-0.10	-4.6921670.8	1012.74	-0.09	-3.6621728.2	1018.70	-0.10	-3.3021871.0
1013.10	-0.10	-4.1021892.8	1015.62	-0.10	-3.0821935.0	1012.78	-0.09	-1.8221972.0
1012.78	-0.09	-1.8222007.4	1031.10	0.00	0.0022176.0	1030.20	0.00	0.0022194.0
1028.30	0.00	0.0022199.0	1029.00	0.00	0.0022211.0	1029.90	0.00	0.0022268.0

SEC NO 9.38 TIME= 111.115 HOURS WSEL= 1025.34 WIDTH= 3285.44

Z	DZ	TDZ	Y	Z	DZ	TDZ	Y	Z	DZ	TDZ	Y
1029.30	0.00	0.0019110.0		1029.20	0.00	0.0019180.0		1025.18	0.01	-0.0219187.9	
1024.60	0.03	-0.3019241.7		1010.93	0.08	0.4319288.5		1010.90	0.08	1.8019324.0	
1009.10	0.09	3.2019372.0		1010.77	0.08	3.0719435.0		1011.44	0.08	3.0419482.0	
1013.32	0.08	2.9219509.0		1019.26	-0.04	0.3619788.0		1019.19	-0.04	1.4919800.0	
1019.27	-0.04	0.9719829.0		1019.26	-0.04	-1.0419878.0		1019.47	-0.04	-2.0319928.0	
1019.25	-0.04	-1.8520001.0		1019.47	-0.04	-2.0320098.0		1019.47	-0.04	-2.0320151.0	
1019.26	-0.04	-1.0420188.0		1019.26	-0.04	0.1620204.0		1019.27	-0.04	-0.3320229.7	
1021.67	-0.05	-1.7320265.0		1019.90	-0.04	-2.5020290.6		1019.25	-0.04	-1.0520343.7	
1019.25	-0.04	2.1520422.0		1019.26	-0.04	-0.5420453.0		1019.26	-0.04	-1.4420484.5	
1021.14	-0.05	-1.8620503.0		1018.88	0.06	1.4820527.5		1019.26	-0.04	0.2620574.0	
1019.24	-0.04	-0.5620635.1		1019.79	-0.04	-2.0120665.0		1019.20	-0.04	1.4020687.9	
1019.24	-0.04	0.0420723.4		1020.67	-0.04	-1.9320748.0		1017.89	0.06	1.8920782.6	
1014.86	-0.02	-1.1422149.3		1028.00	0.00	0.0022292.0		1027.40	0.00	0.0022300.0	
1027.90	0.00	0.0022364.0		1037.60	0.00	0.0022383.0		1036.90	0.00	0.0022428.0	
1032.40	0.00	0.0022511.0		1031.90	0.00	0.0022530.0		1012.84	-0.02	-0.7622562.7	
1016.47	0.07	2.8722592.0		1015.95	0.07	2.9522593.0		1015.13	0.07	2.1322676.5	
1023.47	-0.06	-1.1322701.0		1019.28	-0.04	-1.9222721.6		1027.10	0.00	0.0022760.0	
1028.00	0.00	0.0022810.0		1030.30	0.00	0.0022834.0		1028.80	0.00	0.0022883.0	
1029.60	0.00	0.0022982.0									

SEC NO 9.26 TIME= 111.115 HOURS WSEL= 1024.15 WIDTH= 2697.09

Z	DZ	TDZ	Y	Z	DZ	TDZ	Y	Z	DZ	TDZ	Y
1028.20	0.00	0.0019078.0		1017.67	0.01	0.4719099.1		1012.39	0.02	3.6919199.8	
1012.36	0.02	3.9619323.0		1013.80	0.02	3.4019436.0		1016.29	0.02	2.7919508.0	
1016.12	0.02	2.5219536.2		1017.63	0.01	0.3319577.1		1017.63	0.01	0.0319635.0	
1017.18	0.02	1.1819665.2		1017.63	0.01	-1.2719707.6		1017.59	0.01	-2.7119799.0	
1017.59	0.01	-2.7119900.0		1017.59	0.01	-2.7120000.0		1017.66	0.01	-0.9420049.3	
1016.12	0.02	1.7220128.4		1015.66	0.02	2.9620169.0		1015.42	0.02	3.0220208.0	
1013.96	0.02	3.3620271.0		1012.72	0.02	3.6220310.0		1008.26	0.02	4.6620362.0	
1008.26	0.02	4.6620420.0		1011.18	0.02	4.1820455.0		1012.61	0.02	3.9120503.0	
1013.80	0.02	2.3020564.0		1013.80	0.02	0.8020624.0		1013.80	0.02	-0.4020669.0	
1013.77	0.02	-1.3320706.0		1013.79	0.02	0.5920728.1		1013.87	0.02	-3.1320763.5	
1015.32	0.02	-3.2820805.8		1014.28	-0.11	-6.3220842.9		1025.60	0.00	0.0020862.0	
1026.00	0.00	0.0020898.0		1011.62	-0.11	-4.3820918.7		1013.81	0.02	-2.1921472.0	
1013.81	0.02	-2.1921567.0		1021.93	-0.12	-1.4721617.3		1021.96	-0.12	-1.6421720.0	
1024.30	0.00	0.0021832.0		1026.60	0.00	0.0021899.0		1039.90	0.00	0.0021944.0	
1026.40	0.00	0.0021978.0		1027.90	0.00	0.0022071.0		1027.50	0.00	0.0022152.0	
1035.00	0.00	0.0022165.0		1038.00	0.00	0.0022203.0		1029.80	0.00	0.0022244.0	
1028.00	0.00	0.0022345.0		1027.20	0.00	0.0022382.0		1028.60	0.00	0.0022420.0	
1026.80	0.00	0.0022440.0		1027.90	0.00	0.0022481.0		1027.60	0.00	0.0022613.0	
1026.60	0.00	0.0022741.0		1025.90	0.00	0.0022846.0		1027.60	0.00	0.0023072.0	
1027.60	0.00	0.0023185.0		1026.80	0.00	0.0023255.0		1027.50	0.00	0.0023320.0	
1029.00	0.00	0.0023400.0		1028.70	0.00	0.0023453.0		1028.10	0.00	0.0023607.0	

1028.10	0.00	0.0023727.0	1027.70	0.00	0.0023778.0

SEC NO 9.10 TIME= 111.115 HOURS WSEL= 1022.72 WIDTH= 2812.25

Z	DZ	TDZ	Y	Z	DZ	TDZ	Y	Z	DZ	TDZ	Y
1026.30	0.00	0.0018234.0		1026.60	0.00	0.0018320.0		1026.60	0.00	0.0018440.0	
1026.60	0.00	0.0018573.0		1023.60	0.00	0.0018579.0		1013.10	0.10	0.4018651.6	
1011.44	-0.01	-0.1618700.0		1011.43	-0.01	1.0318749.0		1011.42	-0.01	-0.1818792.0	
1012.80	-0.01	-1.9018915.0		1013.56	-0.01	-2.1418992.0		1012.38	-0.01	-3.6219090.0	
1017.29	-0.01	-2.4119101.0		1012.62	-0.01	-2.9819108.0		1011.88	-0.01	-1.4219161.0	
1012.49	-0.01	-1.9119218.0		1012.16	-0.01	-1.7419280.0		1011.76	-0.02	-1.4419348.0	
1011.39	-0.02	-1.4119443.0		1011.64	-0.02	-1.4619506.0		1011.80	-0.02	-1.5019620.0	
1012.13	-0.02	-1.5719725.0		1011.41	-0.02	-1.4919797.0		1011.22	-0.02	-0.6819834.0	
1012.72	-0.02	-2.0819879.0		1013.30	-0.02	-2.2019925.0		1013.29	-0.02	-2.2119966.0	
1012.27	-0.02	-2.0320000.0		1011.99	-0.02	-1.6120041.0		1011.17	-0.02	-1.1320084.0	
1011.43	-0.02	-1.5720131.0		1012.08	-0.02	-1.9220224.0		1011.06	-0.02	2.4620254.0	
1010.08	-0.03	2.8820312.0		1010.08	-0.03	2.8820371.0		1011.04	-0.02	2.8420432.0	
1011.24	-0.02	2.8420523.0		1011.26	-0.02	2.8620631.0		1012.62	-0.02	2.2220713.3	
1017.66	-0.01	0.4620775.7		1018.11	-0.01	-0.8920839.1		1020.69	0.00	-0.4120930.3	
1021.91	0.00	0.0121048.0		1021.42	0.00	0.0221131.8		1022.26	0.04	0.2621291.9	
1022.80	0.00	0.0021413.0		1023.10	0.00	0.0021526.0		1024.00	0.00	0.0021577.0	
1023.90	0.00	0.0021625.0		1023.60	0.00	0.0021703.0		1023.60	0.00	0.0021801.0	
1024.70	0.00	0.0021900.0		1025.10	0.00	0.0021965.0		1025.40	0.00	0.0022021.0	
1026.00	0.00	0.0022040.0		1026.70	0.00	0.0022091.0		1026.80	0.00	0.0022186.0	
1026.40	0.00	0.0022301.0		1026.40	0.00	0.0022394.0		1029.00	0.00	0.0022465.0	

SEC NO 8.98 TIME= 111.115 HOURS WSEL= 1021.63 WIDTH= 2980.36

Z	DZ	TDZ	Y	Z	DZ	TDZ	Y	Z	DZ	TDZ	Y
1025.30	0.00	0.0018356.0		1023.30	0.00	0.0018360.0		1020.38	0.10	6.3818437.9	
1011.02	-0.01	-0.8818463.0		1007.95	-0.01	-0.9518504.0		1009.12	-0.01	-1.2818578.0	
1011.42	-0.01	-1.0818659.0		1013.03	-0.01	-0.8718706.0		1011.05	-0.01	-1.2518754.0	
1017.31	0.00	-0.1918794.0		1018.71	0.00	-0.0918852.0		1018.82	0.00	-0.0818918.0	
1008.45	-0.01	-1.8518948.0		1008.08	-0.01	-1.8218989.0		1008.32	-0.01	-1.9819051.0	
1012.12	-0.01	-1.3819104.0		1013.12	-0.01	-1.1819165.0		1016.01	-0.01	-0.4919290.0	
1016.75	-0.01	-0.3519363.0		1016.73	-0.01	-0.3719455.0		1017.89	-0.01	-0.2119575.0	
1016.94	-0.01	-0.3619674.0		1013.42	-0.01	-1.3819726.0		1015.19	-0.01	-0.8119743.0	
1013.97	-0.01	-1.2319836.0		1010.91	-0.02	-2.3919943.0		1010.84	-0.02	-2.4620000.0	
1008.83	-0.02	-3.2720151.0		1007.23	-0.01	-2.8620210.0		1007.05	0.00	-0.1520241.0	
1007.05	0.00	-0.1520272.0		1007.14	0.00	-1.5620304.0		1007.14	0.00	-0.4620322.0	
1007.14	0.00	-0.4620570.0		1011.54	-0.02	-2.1620590.0		1009.05	-0.02	-2.9520628.0	
1011.92	-0.01	-1.9820658.0		1021.90	0.00	0.0020698.0		1022.10	0.00	0.0020743.0	
1022.30	0.00	0.0020792.0		1023.10	0.00	0.0020859.0		1024.40	0.00	0.0020951.0	
1025.00	0.00	0.0021032.0		1023.90	0.00	0.0021061.0		1020.89	0.00	-0.0121112.0	
1022.40	0.00	0.0021148.0		1021.09	0.00	-0.0121203.0		1019.65	0.00	-0.0521241.0	
1016.40	-0.01	-0.4021263.0		1017.82	0.00	-0.1821281.0		1019.12	0.00	-0.0821311.0	
1016.04	-0.01	-0.4621321.0		1016.79	-0.01	-0.3121374.0		1016.92	-0.01	-0.2821400.0	
1010.22	-0.01	-1.7821438.0		1010.27	-0.01	-1.7321472.0		1011.61	-0.01	-0.3921559.4	
1020.17	0.00	-0.8321597.0		1018.72	0.00	0.7221599.0		1017.71	0.00	1.2121626.2	
1022.00	0.00	0.0021674.0		1021.30	0.00	0.0021710.0		1020.48	0.00	-0.0221777.0	
1019.14	0.00	1.1421803.3		1020.07	0.00	-0.0321816.0		1020.54	0.15	0.1421843.9	
1021.76	0.00	2.4621860.5		1021.69	0.00	2.3921881.6		1023.30	0.00	0.0021907.0	
1022.80	0.00	0.0021968.0		1022.90	0.00	0.0022019.0		1028.60	0.00	0.0022043.0	
1024.20	0.00	0.0022059.0		1026.40	0.00	0.0022069.0		1026.60	0.00	0.0022290.0	

SEC NO 8.85 TIME= 111.115 HOURS WSEL= 1020.40 WIDTH= 3024.79

Z	DZ	TDZ	Y	Z	DZ	TDZ	Y	Z	DZ	TDZ	Y
1024.30	0.00	0.0018470.0		1021.30	0.00	0.0018476.0		1008.42	0.01	0.4218572.1	
1007.83	-0.01	-1.2718630.0		1008.10	-0.01	-1.2018665.0		1008.27	-0.01	-2.4318679.0	
1008.67	0.00	-1.3318722.0		1008.84	0.00	0.0418750.0		1009.24	0.01	0.3418814.0	
1009.67	0.00	-3.2318850.0		1009.87	0.00	-1.7318864.0		1010.64	-0.01	-1.6618914.0	
1011.05	0.00	-1.0519003.0		1010.66	0.00	-0.5419069.0		1009.57	0.01	0.8719169.0	
1009.76	0.01	2.0619213.0		1010.50	0.00	-1.1919238.0		1012.22	-0.01	0.2219300.0	
1012.83	0.01	-2.3719357.0		1013.16	-0.03	-0.8419411.0		1013.39	-0.03	1.2919434.0	
1013.79	-0.03	-0.2119472.0		1014.27	-0.01	-1.3319531.0		1014.55	-0.04	-1.4519591.0	
1014.77	0.16	-0.3319640.0		1014.54	-0.39	0.8419678.0		1014.87	0.06	1.7719698.0	
1014.97	0.05	0.4719776.0		1014.89	0.01	0.7919851.0		1014.83	0.02	1.3319883.0	
1014.68	0.01	-0.0219939.0		1014.49	0.01	0.1920000.0		1014.14	0.02	1.6420107.0	
1014.01	0.02	3.2120166.0		1013.23	0.01	0.7320215.0		1012.54	0.00	-1.0620267.0	
1011.18	-0.01	0.6820353.0		1008.90	0.01	0.9120428.0		1008.51	0.00	0.5120858.0	
1014.81	0.00	-0.8920907.6		1022.80	0.00	0.0020940.0		1022.90	0.00	0.0020998.0	
1021.50	0.00	0.0021116.0		1020.80	0.00	0.0021170.0		1023.50	0.00	0.0021239.0	
1018.11	0.00	-1.9921277.0		1017.20	-0.06	-0.9021298.6		1015.78	-0.09	0.5821362.8	
1014.50	0.15	2.4021397.0		1013.22	0.03	0.0221431.0		1012.95	0.00	0.9521453.0	
1012.73	0.00	0.7321525.0		1012.63	0.00	0.6321599.0		1012.70	0.00	0.7021663.0	
1014.46	0.00	2.4621722.9		1024.00	0.00	0.0021765.0		1021.10	0.00	0.0021823.0	
1016.58	-0.17	-1.3221861.4		1015.09	0.00	-4.2121886.1		1013.97	0.28	-5.9321900.0	
1013.96	0.20	-4.3421900.0		1020.50	0.00	2.2021918.3		1021.10	0.00	0.0021977.0	
1022.80	0.00	0.0022030.0		1024.20	0.00	0.0022106.0					

SEC NO 8.72 TIME= 111.115 HOURS WSEL= 1019.29 WIDTH= 3419.90

Z	DZ	TDZ	Y	Z	DZ	TDZ	Y	Z	DZ	TDZ	Y
1023.30	0.00	0.0018500.0		1023.00	0.00	0.0018655.0		1019.09	0.01	-0.1118662.9	
1008.25	0.01	-1.7518700.0		1008.14	0.00	-0.1618835.0		1008.24	0.01	0.5418914.0	
1008.28	0.01	-1.6218984.0		1008.28	0.01	-0.0219062.0		1008.26	0.01	1.7619177.0	
1008.26	0.01	1.1619224.0		1008.25	0.01	-1.2519243.0		1008.24	0.01	-2.6619281.0	
1008.23	0.01	0.9319323.0		1008.24	0.01	2.5419366.0		1008.33	0.02	1.5319466.0	
1008.67	0.02	-2.1319511.6		1009.61	0.00	-6.4919537.1		1011.15	0.01	-5.2519622.0	
1011.41	0.01	-5.0919661.0		1011.49	0.01	-2.9219703.1		1011.52	0.00	-0.7819754.4	
1010.71	0.01	-0.1919835.8		1009.53	0.03	-1.9719897.4		1010.00	0.01	-3.1019971.4	
1010.26	0.01	-4.0420000.0		1010.57	0.01	-3.0320061.7		1010.48	0.01	-1.6220134.6	
1010.26	0.01	-3.3420163.0		1009.65	0.01	0.0520207.4		1008.51	0.02	3.3120280.0	
1008.24	0.01	1.5420312.0		1008.16	0.01	1.4620351.0		1008.19	0.01	1.4920414.0	
1008.25	0.02	4.2520451.0		1009.75	0.01	5.7520554.0		1011.90	0.00	4.7020613.0	
1013.16	0.01	2.3620688.3		1013.91	0.00	1.1120754.0		1014.42	0.00	1.6220841.1	
1014.54	0.01	2.4420916.8		1014.31	0.01	2.8121009.8		1013.66	0.02	2.9621082.0	
1012.41	0.01	3.3121210.0		1012.25	0.01	3.0521331.0		1012.42	0.01	2.9221424.2	
1014.60	-0.01	-0.6021463.3		1015.64	-0.02	-2.2621504.0		1016.14	0.00	-0.5621554.3	
1016.13	-0.12	0.6321592.5		1016.15	-0.14	0.2521641.8		1016.07	-0.09	-0.7321707.1	
1016.08	-0.11	-2.7221740.9		1019.50	0.00	0.0021787.0		1019.50	0.00	0.0021829.0	
1016.15	-0.12	-2.9521891.6		1015.85	-0.08	-1.4521948.3		1015.83	0.15	-2.8721974.0	
1015.70	-0.99	-0.4021985.3		1016.85	0.88	0.7521998.3		1016.15	0.07	-0.6522037.2	
1016.06	0.01	-1.2422098.0		1016.17	-0.12	-1.1322102.2		1022.90	0.00	0.0022167.0	
1026.90	0.00	0.0022202.0		1025.40	0.00	0.0022243.0		1024.20	0.00	0.0022473.0	
1024.00	0.00	0.0022688.0		1023.90	0.00	0.0022874.0		1022.00	0.00	0.0023118.0	
1022.00	0.00	0.0023197.0									

SEC NO 8.61 TIME= 111.115 HOURS WSEL= 1018.21 WIDTH= 3066.72

Z	DZ	TDZ	Y	Z	DZ	TDZ	Y	Z	DZ	TDZ	Y
1022.00	0.00	0.0018922.0		1018.30	0.00	0.3018930.2		1009.66	0.06	0.8619095.8	
1007.86	-0.01	1.9619143.0		1006.48	0.00	-1.1219204.0		1006.37	-0.02	-2.9319257.0	
1006.38	-0.02	-1.2219292.0		1006.05	-0.01	2.7519352.0		1005.51	0.00	0.6119410.0	
1005.30	0.01	2.1019439.0		1005.23	0.01	2.0319494.0		1005.29	0.01	-2.8119503.0	
1006.65	-0.01	-2.5519580.0		1007.33	-0.02	-0.7719623.0		1007.51	-0.02	1.8119641.0	
1007.63	-0.01	-1.2719664.0		1007.76	-0.01	-1.7419745.0		1007.94	-0.01	-1.5619786.4	
1008.60	-0.01	-2.9019853.9		1009.95	-0.02	-3.5519910.1		1010.70	-0.02	-4.1020000.0	
1009.42	-0.03	-3.6820081.6		1007.27	0.00	5.9720125.1		1003.20	0.02	1.9020221.0	
1003.67	-0.01	-0.6320270.0		1004.40	-0.01	0.8020314.0		1005.18	0.01	1.1820417.1	
1008.15	-0.01	-2.7520457.2		1011.07	-0.05	-5.6320477.0		1013.80	-0.02	-3.7020554.0	
1014.53	-0.16	-2.1720605.0		1015.01	0.25	0.9120622.0		1015.14	-0.19	0.6420670.0	
1015.48	0.17	0.6820730.0		1015.38	-1.00	1.0820790.0		1016.40	1.00	1.2020838.0	
1015.37	-0.30	-0.3320921.0		1013.98	0.30	-1.5221017.0		1012.67	-0.03	1.7721082.8	
1010.50	0.04	2.4021136.9		1008.45	0.00	0.7521227.0		1008.38	-0.01	-0.0221273.3	
1008.64	-0.01	-2.6621326.5		1010.45	-0.01	-2.3521407.0		1010.98	-0.01	-1.3221495.8	
1010.16	0.00	-1.3421610.8		1009.47	0.00	-0.4321728.6		1010.61	-0.01	0.7121851.1	
1013.44	0.00	-1.8621881.2		1016.37	0.00	-0.0321931.4		1018.24	0.00	1.1421999.3	
1019.60	0.00	0.0022038.0		1020.30	0.00	0.0022082.0		1021.10	0.00	0.0022100.0	
1023.30	0.00	0.0022158.0		1026.80	0.00	0.0022189.0		1023.60	0.00	0.0022214.0	
1022.70	0.00	0.0022466.0		1022.70	0.00	0.0022678.0		1022.40	0.00	0.0022844.0	

SEC NO 8.46 TIME= 111.115 HOURS WSEL= 1016.91 WIDTH= 3080.62

Z	DZ	TDZ	Y	Z	DZ	TDZ	Y	Z	DZ	TDZ	Y
1021.00	0.00	0.0019030.0		1021.00	0.00	0.0019042.0		1021.00	0.00	0.0019058.0	
1009.40	-0.01	1.3019081.4		1009.38	-0.01	0.6819148.4		1009.40	-0.01	-0.7019199.3	
1009.53	-0.01	-1.6719266.1		1009.97	-0.01	-1.5319350.0		1009.39	-0.01	-0.1119388.3	
1009.40	-0.01	3.1019493.9		1009.40	-0.01	2.3019584.0		1009.35	-0.01	4.2519625.0	
1008.43	0.10	6.9319655.0		1008.19	0.10	6.9919675.0		1006.98	0.11	7.2819714.0	
1007.30	0.11	7.2019764.0		1007.63	0.11	7.1319826.0		1006.90	0.11	7.3019839.0	
1006.14	0.00	6.5419911.0		1006.22	0.11	5.9219954.0		1006.22	0.11	5.9220000.0	
1006.22	0.11	5.9220000.1		1006.16	0.00	2.9620054.0		1006.31	0.00	-0.9920123.1	
1007.85	-0.01	-1.4520196.0		1006.60	0.00	-1.1020245.9		1006.18	0.00	-0.9220299.6	
1009.13	-0.01	-1.6720400.1		1009.51	-0.01	-1.5920458.1		1006.85	0.00	-4.4520543.0	
1014.06	-0.03	-1.5420566.3		1015.19	-0.04	-0.9120603.0		1011.99	-0.02	-2.5120636.1	
1012.53	-0.02	-1.5720682.8		1013.03	-0.03	-1.2720719.0		1006.17	0.00	-3.0320737.9	
1011.26	-0.02	-1.4420755.0		1010.32	-0.01	-1.7820834.8		1008.37	-0.01	-2.4320859.5	
1010.86	-0.02	-1.4420900.0		1008.84	-0.01	-2.2620924.4		1006.18	0.00	-3.1220950.1	
1010.42	-0.01	-2.3820979.7		1013.03	-0.03	-1.2721028.0		1012.66	-0.02	-1.4421080.9	
1011.73	-0.02	-1.7721192.7		1006.18	0.00	-1.7221210.3		1006.25	0.11	-1.8521263.9	
1009.40	-0.01	-2.3021330.6		1011.66	-0.02	-1.4421424.0		1006.14	0.00	-3.3621484.6	
1006.19	0.00	-0.9121560.9		1006.42	0.00	-0.8821657.0		1007.66	-0.01	-1.4421706.0	
1006.18	0.00	1.0821765.0		1006.18	0.00	-0.1221861.5		1008.99	-0.01	-1.5121886.0	
1008.86	-0.01	-1.5421935.0		1006.18	0.00	-0.9221982.6		1006.18	0.00	-0.1222009.0	
1006.28	0.03	-0.0222132.2		1021.28	-0.03	-0.6222153.0		1020.70	0.00	0.0022191.0	
1020.40	0.00	0.0022200.0		1022.30	0.00	0.0022225.0		1022.00	0.00	0.0022528.0	
1020.50	0.00	0.0022840.0		1019.90	0.00	0.0023038.0		1019.30	0.00	0.0023080.0	
1022.30	0.00	0.0023109.0									

SEC NO 8.32 TIME= 111.115 HOURS WSEL= 1015.61 WIDTH= 2715.34

Z	DZ	TDZ	Y	Z	DZ	TDZ	Y	Z	DZ	TDZ	Y
1020.00	0.00	0.0019097.0		1014.03	0.09	0.4319110.7		1014.03	0.00	-0.4719205.0	
1013.83	0.00	-0.4719306.0		1013.83	0.00	-0.4719352.0		1010.23	0.00	0.6319383.2	

1008.83	0.00	0.8319434.4	1008.54	0.00	0.1419488.0	1008.51	0.00	0.1119559.0
1005.20	-0.01	-1.1019599.7	1004.24	-0.01	-0.8619665.0	1003.86	-0.01	-1.0419745.0
1004.22	-0.01	-0.9819775.0	1002.40	-0.01	-1.5019798.0	997.95	-0.01	-0.4519818.0
997.85	-0.01	-0.5520000.0	997.85	-0.01	-0.5520029.0	999.10	-0.01	-2.6020073.0
999.40	-0.01	-2.9020136.0	998.80	-0.01	-2.0020172.0	1001.52	-0.01	-2.8820236.3
1007.81	0.00	-1.2920348.0	1010.15	0.00	-1.1520439.0	1008.74	0.00	-1.1620532.0
1006.91	0.00	-1.3920594.0	1006.93	0.00	-1.3720640.0	1010.37	0.00	-1.1320713.0
1010.37	0.00	-1.1320789.0	1010.95	0.00	-1.1520881.0	1010.38	0.00	-1.1220924.0
1007.75	0.00	-1.1520990.0	1010.20	0.00	-1.1021035.0	1008.62	0.00	-1.0821063.0
1005.55	0.00	-1.1521081.7	1007.36	0.00	-1.1421131.0	1008.13	0.00	-1.0721206.0
1008.85	0.00	-1.0521266.0	1007.32	0.00	-1.0821330.0	1004.89	0.00	-0.7121369.7
1007.46	0.00	-1.0421426.0	1008.59	0.00	-1.0121475.0	1006.92	0.00	-1.0821562.0
1005.70	0.00	-0.4021633.7	1002.96	0.00	0.2621690.0	1002.42	0.00	0.3221727.0
1006.87	0.00	4.7721790.7	1017.10	0.00	0.0021818.0	1015.58	0.14	0.4821853.2
1018.00	0.00	0.0021924.0	1019.60	0.00	0.0021971.0	1020.10	0.00	0.0022028.0
1019.60	0.00	0.0022075.0	1018.90	0.00	0.0022200.0	1020.30	0.00	0.0022268.0
1018.80	0.00	0.0022532.0						

SEC NO 8.15 TIME= 111.115 HOURS WSEL= 1013.89 WIDTH= 2243.12

Z	DZ	TDZ	Y	Z	DZ	TDZ	Y	Z	DZ	TDZ	Y
1017.00	0.00	0.0019127.0		1013.97	0.00	3.9719143.3		1011.45	0.10	0.7519188.5	
1012.36	0.00	-0.0419218.0		1011.94	0.00	-0.0619307.0		1010.31	0.00	-0.0919350.1	
1011.40	0.00	-0.1019395.0		1012.25	0.00	-0.0519447.0		1009.20	-0.01	2.1019490.5	
1001.90	-0.02	-0.6019515.3		999.25	-0.01	-3.2519574.0		1000.42	-0.02	-3.0819617.0	
1009.57	-0.01	-0.3319642.0		1009.32	-0.01	-0.3819698.0		1008.19	-0.01	-0.6119753.0	
1000.79	-0.02	-3.1119795.0		997.67	0.00	-1.8319833.0		997.52	0.00	-1.9820000.0	
997.52	0.00	-1.9820156.0		1000.62	-0.02	-3.2820292.0		1003.22	-0.02	-1.9820379.0	
1006.53	-0.01	-0.9720415.0		1010.71	0.00	-0.1920433.0		1011.05	0.00	-0.1520509.0	
1010.04	-0.01	-0.2620576.0		1006.41	-0.01	-0.8920625.0		1002.59	-0.01	-1.9120679.0	
999.09	-0.01	-2.9120715.0		999.27	-0.01	-2.7320817.0		999.09	-0.01	-2.5120872.0	
999.60	-0.01	-2.4020972.0		1000.35	-0.01	-2.1521051.0		1002.31	-0.01	-0.8921105.6	
1004.71	-0.01	-0.1921172.6		1004.93	-0.01	-0.7721233.0		1005.43	-0.01	-0.1721284.7	
1013.68	0.00	7.5821348.5		1014.02	0.14	0.8221387.5		1016.70	0.00	0.0021414.0	
1018.80	0.00	0.0021433.0		1016.50	0.00	0.0021451.0		1017.10	0.00	0.0021465.0	
1016.70	0.00	0.0021479.0		1017.60	0.00	0.0021525.0		1017.60	0.00	0.0021579.0	
1017.50	0.00	0.0021630.0		1017.60	0.00	0.0021764.0		1014.70	0.00	0.0022044.0	
1014.04	0.00	0.1422093.9		1015.30	0.00	0.0022137.0		1014.10	0.00	0.0022165.0	
1014.50	0.00	0.0022200.0		1017.10	0.00	0.0022272.0		1018.30	0.00	0.0022570.0	
1017.70	0.00	0.0022863.0		1016.90	0.00	0.0022934.0		1015.90	0.00	0.0023050.0	
1015.20	0.00	0.0023151.0		1016.70	0.00	0.0023193.0		1014.50	0.00	0.0023204.0	
1014.04	0.00	0.1423283.9		1015.90	0.00	0.0023320.0		1020.30	0.00	0.0023330.0	
1022.00	0.00	0.0023395.0		1022.00	0.00	0.0023482.0		1021.70	0.00	0.0023541.0	
1022.10	0.00	0.0023630.0		1022.30	0.00	0.0023774.0		1021.30	0.00	0.0023874.0	
1021.20	0.00	0.0023951.0									

SEC NO 8.04 TIME= 111.115 HOURS WSEL= 1012.73 WIDTH= 1588.51

Z	DZ	TDZ	Y	Z	DZ	TDZ	Y	Z	DZ	TDZ	Y
1015.20	0.00	0.0018938.0		1015.30	0.00	0.0019064.0		1015.50	0.00	0.0019168.0	
1018.70	0.00	0.0019297.0		1017.00	0.00	0.0019421.0		1000.16	0.00	2.6619437.4	
999.86	-0.01	2.3619500.0		999.84	-0.01	2.3419600.0		999.83	-0.01	2.3319700.0	
999.82	-0.01	2.3219800.0		999.81	-0.01	2.3119900.0		999.80	-0.01	2.3020000.0	
999.80	-0.01	2.2920100.0		999.09	-0.01	1.6020200.0		999.11	-0.01	1.6120300.0	
999.12	-0.01	1.6220400.0		999.13	-0.01	1.6320500.0		999.14	-0.01	1.6420600.0	
999.15	-0.01	1.6520700.0		999.16	-0.01	1.6620800.0		999.17	-0.01	1.6720900.0	

999.48	0.00	1.9820994.0	1017.00	0.00	0.0021020.0

SEC NO 7.94 TIME= 111.115 HOURS WSEL= 1012.28 WIDTH= 3328.54

Z	DZ	TDZ	Y	Z	DZ	TDZ	Y	Z	DZ	TDZ	Y
1012.49	0.00	0.0017741.0		1010.75	0.05	1.1517930.6		1010.16	0.00	0.0618050.0	
1009.75	0.00	0.4518104.2		1009.20	0.00	0.2018139.1		1009.03	0.00	0.0318357.0	
1009.24	0.00	0.0418382.0		1001.70	0.01	-2.9018404.4		1001.24	0.01	-3.3618484.8	
1014.90	0.00	0.0018508.0		1019.30	0.00	0.0018550.0		1001.22	0.01	-3.3818577.2	
1001.43	0.01	-2.9718608.9		1001.32	0.01	4.4318657.3		996.13	0.01	-1.1718875.6	
1018.60	0.00	0.0018925.0		1012.90	0.00	0.0018960.0		1009.62	0.00	-0.1819054.9	
1011.34	0.00	0.0419110.0		1008.16	0.01	-0.4419227.9		1002.27	0.01	-4.1319270.1	
1011.34	0.00	0.0419288.0		997.17	0.01	-1.3319340.5		1000.82	0.01	-0.8819568.0	
1000.08	0.01	1.1819926.0		1000.10	0.01	1.2020000.0		1000.22	0.01	3.0220357.0	
1001.57	0.01	-1.0320390.0		1000.23	0.01	0.9320418.0		1000.21	0.01	2.9120451.0	
1000.18	0.01	2.8820529.0		1001.66	0.01	-2.0420536.2		1002.50	0.01	-1.2020640.0	
1000.27	0.01	2.9720655.7		1000.27	0.01	2.9720711.0		1000.32	0.01	-0.2820737.0	
998.64	0.01	-1.9620777.5		1010.06	0.00	0.0620808.0		1011.05	0.00	0.0521048.0	
1010.81	0.00	-0.1921114.1		1014.20	0.00	0.0021125.0		1012.90	0.00	0.0021177.0	
1012.13	0.17	4.4221280.3		1012.43	0.00	0.3321371.8		1012.40	0.00	0.0021455.0	

SEC NO 7.84 TIME= 111.115 HOURS WSEL= 1011.60 WIDTH= 5322.14

Z	DZ	TDZ	Y	Z	DZ	TDZ	Y	Z	DZ	TDZ	Y
1012.40	0.00	0.0016562.0		1012.80	0.00	0.0016600.0		1008.16	-0.06	-1.8416631.4	
1008.08	-0.06	-0.9217606.6		1008.11	-0.06	-0.6917729.4		1008.77	-0.06	-1.6317781.0	
999.61	0.07	2.4118075.5		1000.91	0.07	4.8118189.1		1005.82	0.06	0.8218206.0	
1000.92	0.07	-1.6818332.9		1008.11	-0.06	-2.4918348.0		998.64	0.08	-3.9618361.5	
1010.97	-0.08	-0.3318384.0		997.72	0.08	-2.2818416.4		1002.33	0.07	2.9318568.0	
1000.90	0.07	4.5018593.0		1000.40	0.07	4.0018747.7		1008.06	-0.06	-0.7418787.6	
1008.03	-0.06	-2.1718811.6		1016.30	0.00	0.0018855.0		997.24	-0.03	-4.7618891.1	
1002.02	0.07	3.1219041.0		1000.95	0.07	3.6519173.0		1003.18	0.07	0.6819199.8	
1005.46	0.06	0.8619407.0		1000.90	0.07	2.4019999.1		1000.91	0.07	4.7120126.0	
1000.91	0.07	4.7120187.0		1001.05	0.07	3.6520207.0		1000.86	0.07	5.1620222.0	
1000.91	0.07	5.2020472.4		1006.17	0.06	0.7720551.0		1000.88	0.07	6.4820578.6	
999.21	0.07	3.4120635.2		1008.48	0.05	-1.1220667.0		1006.93	0.06	-0.2720739.3	
1008.07	-0.06	-1.9320858.6		1012.00	0.00	0.0020965.0		1010.97	-0.08	-0.3321046.7	
1010.97	-0.08	-0.3321825.0		1011.06	-0.08	-0.2421997.2		1014.00	0.00	0.0022078.0	
1016.90	0.00	0.0022968.0		1017.80	0.00	0.0023016.0		1017.70	0.00	0.0023405.0	
1017.70	0.00	0.0023500.0		1016.60	0.00	0.0023623.0		1019.00	0.00	0.0025211.0	
1021.40	0.00	0.0025245.0		1021.40	0.00	0.0025387.0		1023.00	0.00	0.0025990.0	
1023.40	0.00	0.0026034.0		1021.30	0.00	0.0026074.0		1025.90	0.00	0.0027246.0	
1026.70	0.00	0.0027800.0									

SEC NO 7.65 TIME= 111.115 HOURS WSEL= 1009.69 WIDTH= 4883.61

Z	DZ	TDZ	Y	Z	DZ	TDZ	Y	Z	DZ	TDZ	Y
1012.00	0.00	0.0015877.0		1012.80	0.00	0.0016500.0		1013.90	0.00	0.0016523.0	
1012.80	0.00	0.0016565.0		1014.96	0.00	-0.0416586.0		1007.63	0.05	0.2316597.0	
1014.30	0.00	0.0016620.0		1013.60	0.00	0.0016659.0		1013.10	0.00	0.0016800.0	
1007.35	0.00	-0.9516834.7		1007.36	0.00	-0.5416900.0		1007.31	0.00	-0.8917875.3	
1009.60	0.00	0.0017941.0		1007.44	0.00	-0.9618034.7		1004.81	0.00	1.1118324.5	
1004.62	0.00	0.2218466.0		1000.23	-0.01	1.7318507.0		997.97	-0.01	-0.0318560.0	
1001.72	-0.01	0.1218686.0		1000.61	-0.01	0.0118809.0		998.29	-0.01	-0.2118898.0	

1000.42	-0.01	-0.0819050.0	1006.15	0.00	-0.0519177.0	1004.98	0.00	0.1819361.0
1003.28	-0.01	0.0819632.0	999.79	-0.01	-0.4119775.0	993.83	-0.02	-1.4719824.0
995.27	-0.02	-1.3319969.0	995.24	-0.02	-1.3620000.0	992.07	-0.02	-2.0320080.0
992.51	-0.02	-1.6920350.0	993.50	-0.02	-1.5020367.0	993.43	-0.02	-1.4720411.0
997.90	-0.01	-0.7020448.0	994.72	-0.02	-1.0820626.0	998.20	-0.01	1.6020682.6
1006.65	0.00	0.5520707.8	1007.24	0.00	-0.1620794.2	1008.08	0.00	-0.4220885.3
1009.60	0.00	0.0021378.0	1009.62	0.00	0.0221687.0	1010.50	0.00	0.0021765.0
1012.60	0.00	0.0021802.0	1013.80	0.00	0.0021979.0	1010.50	0.00	0.0022033.0
1013.40	0.00	0.0022071.0	1013.70	0.00	0.0022085.0	1011.70	0.00	0.0022372.0
1014.00	0.00	0.0023308.0	1016.10	0.00	0.0023679.0	1016.20	0.00	0.0023724.0
1015.80	0.00	0.0023800.0	1018.40	0.00	0.0025018.0	1020.60	0.00	0.0025052.0
1018.80	0.00	0.0025087.0	1022.10	0.00	0.0026272.0	1024.00	0.00	0.0026294.0
1025.10	0.00	0.0026336.0	1023.60	0.00	0.0026375.0	1026.10	0.00	0.0027244.0
1027.40	0.00	0.0027800.0						

SEC NO 7.50 TIME= 111.115 HOURS WSEL= 1008.07 WIDTH= 4741.31

Z	DZ	TDZ	Y	Z	DZ	TDZ	Y	Z	DZ	TDZ	Y
1012.70	0.00	0.0016573.0		1012.20	0.00	0.0016597.0		1005.79	0.02	-0.1116717.9	
1006.69	0.00	-0.0117100.0		1007.40	0.00	0.0018106.0		1008.10	0.00	0.0018155.0	
1006.39	0.00	-0.2118361.9		1003.75	0.00	4.3518379.5		997.60	-0.01	0.0018523.0	
996.16	-0.01	-0.0418590.0		1000.82	0.00	0.0218798.0		1003.65	0.00	0.0518970.0	
1001.81	0.00	0.0119017.0		1001.01	0.00	-0.7919060.5		1007.80	0.00	0.0019083.0	
1002.02	0.00	-0.7819144.5		1000.98	-0.01	-0.8219271.5		1013.80	0.00	0.0019364.0	
1005.97	0.00	-0.4319399.9		1003.82	0.00	-0.7819429.7		1005.20	0.00	-0.2019728.0	
992.85	-0.01	-0.7519803.0		993.44	-0.01	-0.7720000.0		993.21	-0.01	-0.9920358.0	
997.37	-0.01	-0.6320478.0		991.77	-0.02	-1.2320491.0		991.05	-0.02	-1.3520551.0	
993.98	-0.01	-1.0220582.0		997.54	-0.01	-0.6620630.0		989.80	-0.02	-1.2020696.0	
989.80	-0.02	-1.2020774.0		998.64	-0.01	-0.5620797.0		997.56	-0.01	-0.6420949.0	
1001.21	-0.01	-0.1921020.0		999.56	-0.01	0.9621049.1		1003.98	0.00	0.6821091.6	
1004.33	0.00	-0.6721123.4		1007.19	0.00	-0.0121302.0		1008.20	0.00	0.0021510.0	
1011.40	0.00	0.0021585.0		1012.60	0.00	0.0021665.0		1010.90	0.00	0.0022473.0	
1006.90	0.08	1.2022483.4		1012.10	0.00	0.0022498.0		1010.20	0.00	0.0022552.0	
1011.80	0.00	0.0022662.0		1015.10	0.00	0.0023907.0		1015.70	0.00	0.0024000.0	
1019.30	0.00	0.0025236.0		1019.00	0.00	0.0025285.0		1024.00	0.00	0.0026503.0	
1024.30	0.00	0.0026525.0		1024.70	0.00	0.0026554.0		1025.00	0.00	0.0026583.0	
1024.00	0.00	0.0026618.0		1026.30	0.00	0.0027601.0		1028.50	0.00	0.0028300.0	

SEC NO 7.35 TIME= 111.115 HOURS WSEL= 1006.50 WIDTH= 4407.00

Z	DZ	TDZ	Y	Z	DZ	TDZ	Y	Z	DZ	TDZ	Y
1008.50	0.00	0.0015651.0		1009.40	0.00	0.0016240.0		1009.70	0.00	0.0016491.0	
1010.20	0.00	0.0016561.0		1007.70	0.00	0.0016641.0		1006.49	0.09	1.7916684.0	
1004.76	0.00	0.4617157.2		1004.19	0.00	0.2917300.3		1005.14	0.00	-0.4617425.2	
1006.10	0.00	0.0017720.0		1007.30	0.00	0.0017893.0		1006.10	0.00	0.0018120.0	
1006.20	0.00	0.0018215.0		1003.75	0.00	-0.3518279.8		1007.40	0.00	0.0018329.0	
1002.34	0.00	4.5418375.7		996.80	-0.01	-0.1018511.0		998.50	-0.01	-0.1018674.0	
996.31	-0.01	-0.1918737.0		1000.43	-0.01	-0.4718912.2		1006.40	0.00	0.0018927.0	
1004.84	0.00	-0.3618971.8		1000.39	-0.01	-0.1119023.0		1002.79	0.00	-0.0119105.0	
1003.41	0.00	0.0119167.0		1000.35	-0.01	-0.1519250.0		1003.40	0.00	0.0019311.0	
1003.60	0.00	0.0019452.0		1003.70	0.00	0.0019603.0		1004.83	0.00	0.0319651.0	
991.97	-0.02	-1.0319721.0		991.76	-0.02	-1.2420000.0		991.69	-0.02	-1.3120089.0	
994.80	-0.02	-1.0020237.0		995.97	-0.02	-0.9320467.0		988.84	-0.02	-1.9620496.0	
988.81	-0.02	-1.9920530.0		993.47	-0.02	-1.3320541.0		993.92	-0.02	-1.2820568.0	
989.68	-0.02	-1.9220604.0		989.59	-0.02	-2.0120711.0		990.73	-0.02	-1.8720749.0	
989.05	-0.03	-2.1520788.0		995.95	-0.02	-1.0520800.0		988.57	-0.03	-2.2320822.0	

991.76	-0.02	-1.6420918.0	998.05	-0.01	-0.5520946.9	999.48	-0.01	0.1821000.6
1004.62	0.00	0.0221045.0	1002.93	-0.01	-0.0721081.0	1001.94	-0.01	-0.0621157.9
1004.62	0.00	0.0221242.0	1003.10	-0.01	0.7021341.6	1008.40	0.00	0.0021390.0
1009.20	0.00	0.0021557.0	1010.00	0.00	0.0021668.0	1006.51	0.09	1.5121719.7
1008.20	0.00	0.0021780.0	1008.60	0.00	0.0022040.0	1015.40	0.00	0.0024164.0
1016.30	0.00	0.0024195.0	1016.30	0.00	0.0024300.0	1021.00	0.00	0.0025891.0
1023.00	0.00	0.0026790.0	1024.70	0.00	0.0026823.0	1022.90	0.00	0.0026863.0
1024.60	0.00	0.0026890.0	1022.60	0.00	0.0026944.0	1027.30	0.00	0.0028161.0
1028.20	0.00	0.0028206.0	1026.90	0.00	0.0028243.0	1028.10	0.00	0.0028600.0

SEC NO 7.21 TIME= 111.115 HOURS WSEL= 1005.07 WIDTH= 4926.88

Z	DZ	TDZ	Y	Z	DZ	TDZ	Y	Z	DZ	TDZ	Y
1007.50	0.00	0.0015824.0		1008.70	0.00	0.0015856.0		1007.30	0.00	0.0015901.0	
1002.04	0.02	-0.8616960.3		1001.64	0.00	-0.5617068.6		1001.63	0.00	-0.4717161.2	
1001.55	0.00	-1.0517304.7		1002.56	0.00	-1.1417500.4		1005.00	0.00	0.0017637.0	
997.14	0.00	-3.0617677.7		1004.60	0.00	0.0017711.0		1004.20	0.00	0.0017929.0	
1005.00	0.00	0.0018146.0		999.06	0.00	-2.6418183.4		1001.64	0.00	-0.0618207.0	
995.22	0.00	-1.2818220.9		996.25	0.00	-0.7518276.4		999.58	0.00	-0.8218327.0	
997.99	0.00	-1.0118385.2		996.40	0.00	0.2018397.3		996.37	0.00	1.7718666.0	
995.06	-0.01	2.5618692.0		995.52	-0.01	0.7318746.0		995.64	-0.01	-3.9618811.7	
1004.60	0.00	0.0018825.0		1006.40	0.00	0.0019072.0		997.82	0.00	-3.3819214.2	
1001.59	0.00	-0.6119352.0		997.69	-0.01	-1.9119378.6		995.56	-0.01	-2.8419449.5	
1001.61	0.00	-0.0919492.0		994.89	-0.01	-1.3119537.9		996.34	-0.01	-0.1619595.0	
995.43	-0.01	2.4319629.0		995.40	-0.01	2.4119978.0		995.75	-0.01	2.3520000.0	
996.29	-0.01	0.5920196.0		995.73	-0.01	2.3320284.0		993.54	-0.01	2.6420297.0	
992.33	-0.01	2.7320808.0		996.34	-0.01	-0.2620827.0		995.69	-0.01	2.2820997.0	
986.33	-0.01	-2.2721059.0		985.91	-0.01	-2.8921103.5		1003.59	0.00	-0.4121187.1	
1006.60	0.00	0.0021771.0		1010.00	0.00	0.0021789.0		1010.00	0.00	0.0021819.0	
1004.53	0.08	0.9321830.6		1006.40	0.00	0.0021847.0		1009.30	0.00	0.0022605.0	
1014.60	0.00	0.0024399.0		1015.40	0.00	0.0024500.0		1018.50	0.00	0.0025370.0	
1020.80	0.00	0.0026381.0		1021.60	0.00	0.0026567.0		1023.40	0.00	0.0027058.0	
1025.90	0.00	0.0027069.0		1025.10	0.00	0.0027108.0		1027.00	0.00	0.0027140.0	
1024.60	0.00	0.0027173.0		1026.10	0.00	0.0028054.0		1026.90	0.00	0.0028447.0	
1025.80	0.00	0.0028491.0		1027.10	0.00	0.0028800.0					

SEC NO 7.03 TIME= 111.115 HOURS WSEL= 1003.43 WIDTH= 4550.56

Z	DZ	TDZ	Y	Z	DZ	TDZ	Y	Z	DZ	TDZ	Y
1004.20	0.00	0.0016215.0		1003.10	-0.06	2.9017222.7		1001.82	0.01	0.0217542.0	
999.35	0.02	1.0517635.7		1000.28	0.02	-0.0217686.0		997.93	0.02	0.2317737.2	
1002.43	0.01	0.0317767.0		1000.88	0.02	-0.0218051.0		1001.40	0.02	0.0018175.0	
996.90	0.02	0.5018212.5		993.39	0.03	-0.3118275.1		996.46	0.02	-0.3418339.0	
990.15	0.03	-0.8518402.0		991.13	0.03	-0.8718531.0		993.04	0.03	-0.7618619.0	
998.13	0.02	-0.2718696.0		997.32	0.02	-0.3818832.0		994.70	0.03	-0.7018855.0	
995.82	0.03	-0.5818938.0		995.56	0.03	-0.6419020.0		997.39	0.02	-0.4119048.0	
990.55	0.03	-1.4519109.0		989.99	0.03	-1.6119188.0		995.96	0.03	-0.6419229.0	
994.71	0.03	-0.8919362.0		996.60	0.02	-0.6019466.0		1000.38	0.02	-0.1219541.0	
997.74	0.02	-0.4619594.0		989.49	0.03	-2.1119668.0		989.24	0.03	-2.3619915.0	
992.85	0.03	-1.5519949.0		992.02	0.03	-1.7820000.0		988.82	0.03	-2.5820121.0	
987.58	0.03	-2.5220145.0		992.71	0.03	-1.6920170.0		991.75	0.03	-2.0520355.0	
988.74	0.03	-2.8620454.0		985.91	0.03	-0.9920486.0		986.14	0.03	-1.4620618.9	
997.51	0.02	-0.5920641.0		998.49	0.02	0.0920749.7		1001.02	0.02	0.0220879.9	
1001.69	0.01	0.4921070.7		1002.06	0.01	0.2621154.9		1003.07	-0.06	-0.1321183.0	
1002.79	-0.06	0.5921236.6		1004.50	0.00	0.0022041.0		1008.00	0.00	0.0022060.0	
1006.40	0.00	0.0022097.0		1006.20	0.00	0.0022134.0		1007.00	0.00	0.0022194.0	

1009.00	0.00	0.0023041.0	1011.00	0.00	0.0023279.0	1011.00	0.00	0.0023354.0
1012.90	0.00	0.0023774.0	1011.70	0.00	0.0023967.0	1012.90	0.00	0.0024168.0
1014.10	0.00	0.0024539.0	1014.70	0.00	0.0024724.0	1014.60	0.00	0.0024800.0
1015.60	0.00	0.0025001.0	1016.40	0.00	0.0025733.0	1019.00	0.00	0.0025760.0
1016.80	0.00	0.0025777.0	1016.80	0.00	0.0025906.0			

SEC NO 6.86 TIME= 111.115 HOURS WSEL= 1002.08 WIDTH= 4637.51

Z	DZ	TDZ	Y	Z	DZ	TDZ	Y	Z	DZ	TDZ	Y
1004.10	0.00	0.0016520.0		1004.10	0.00	0.0016521.0		1004.10	0.00	0.0016522.0	
1004.10	0.00	0.0016523.0		1004.10	0.00	0.0016528.0		1001.03	0.07	-0.4716785.7	
996.55	0.00	-1.7517003.4		996.52	0.00	-0.5817124.7		996.52	0.00	0.2217307.7	
994.10	0.00	0.5017352.8		996.11	0.00	-1.4917406.3		1000.28	0.00	-0.5217599.0	
996.51	0.00	-2.2917805.1		993.43	0.00	-0.4717823.5		995.84	0.00	1.0417977.0	
991.79	0.00	-0.9118059.8		999.19	0.00	-0.9118086.0		998.24	0.00	-1.4618189.8	
990.60	-0.01	-0.3018223.1		994.48	0.00	2.4818504.0		990.70	-0.01	3.1018527.0	
990.34	-0.01	2.7418597.2		996.13	0.00	1.0318633.0		992.18	-0.01	2.2818655.9	
995.86	0.00	0.3618685.5		996.54	0.00	-0.2618890.0		991.15	-0.01	1.5518934.2	
993.90	-0.01	2.6019052.0		992.64	-0.01	-0.0619101.6		997.40	0.00	-1.5019346.0	
996.49	0.00	-1.2119517.6		994.04	-0.01	-0.0619545.9		996.34	0.00	1.0419714.0	
995.51	-0.01	0.8219834.8		993.28	-0.01	2.4819999.9		992.09	-0.01	2.8920099.0	
992.09	-0.01	2.8920226.0		994.06	-0.01	2.5620322.0		990.77	-0.01	3.0720421.0	
988.24	-0.02	1.3520838.1		996.16	-0.01	-1.5420863.5		1000.20	0.00	-1.0020925.7	
1002.90	0.00	0.0021005.0		1001.05	0.00	-0.5521027.6		1005.00	0.00	0.0022316.0	
1007.30	0.00	0.0022342.0		1006.90	0.00	0.0022399.0		1008.10	0.00	0.0022701.0	
1009.60	0.00	0.0023500.0									

SEC NO 6.73 TIME= 111.115 HOURS WSEL= 1001.08 WIDTH= 4241.21

Z	DZ	TDZ	Y	Z	DZ	TDZ	Y	Z	DZ	TDZ	Y
1001.70	0.00	0.0016658.0		999.80	-0.09	-0.9016862.4		996.92	0.01	0.4216917.0	
998.04	0.01	-0.6617096.0		990.06	0.01	-0.2417208.8		996.87	0.01	0.0717253.0	
996.13	0.01	0.0317369.9		998.99	0.01	-0.7117639.0		989.93	0.01	-1.3717660.7	
995.95	0.01	-0.0517970.2		998.04	0.01	-0.6618006.0		996.88	0.01	-0.6218121.0	
991.27	0.01	-2.3318144.9		991.86	0.01	-0.8418293.8		989.72	0.01	0.9218420.5	
994.20	0.01	-0.3018476.0		987.81	0.01	1.0118528.5		989.22	0.01	1.7218629.0	
991.28	0.01	1.5818666.0		988.75	0.01	-0.1518731.1		996.11	0.01	0.1118884.0	
993.11	0.01	-0.9919029.5		997.99	0.01	-0.0119088.0		998.41	-0.08	-1.6919300.0	
997.41	0.01	0.3119416.0		994.68	0.01	-0.8219601.6		992.33	0.01	0.0319761.2	
991.27	0.01	1.6719798.0		992.62	0.01	1.5219974.0		992.80	0.01	1.5020000.0	
989.18	0.01	1.8820144.0		987.22	0.02	-0.0820658.3		997.93	-0.08	-1.3720719.0	
992.44	0.01	-0.6620768.8		993.81	0.01	0.2120856.6		997.90	0.01	0.3020896.0	
997.99	-0.08	0.3920951.9		1003.60	0.00	0.0020985.0		1001.30	0.00	0.0021026.0	
1002.70	0.00	0.0021217.0		1005.40	0.00	0.0022559.0		1007.70	0.00	0.0022586.0	
1007.80	0.00	0.0022630.0		1005.80	0.00	0.0022669.0		1009.20	0.00	0.0023600.0	

SEC NO 6.55 TIME= 111.115 HOURS WSEL= 1000.00 WIDTH= 4165.87

Z	DZ	TDZ	Y	Z	DZ	TDZ	Y	Z	DZ	TDZ	Y
1000.12	0.00	0.0016200.0		1001.60	0.00	0.0016844.0		1001.60	0.00	0.0016965.0	
998.56	-0.07	-0.9417031.4		994.40	0.01	1.2017094.3		994.62	0.01	-0.5817669.0	
992.80	0.01	2.5017704.0		994.38	0.01	0.7818296.0		987.70	0.02	1.0018360.0	
986.55	0.02	0.9518509.0		994.17	0.01	-0.1318578.5		998.56	0.01	-0.5418753.0	
993.11	0.01	-0.0918769.5		993.88	0.01	0.7818825.0		996.34	0.01	-0.7618899.0	

993.72	0.01	0.0218964.5	997.06	-0.06	-1.8419047.9	1000.70	0.00	0.0019185.0
984.35	-0.06	-2.1519245.6	986.44	0.02	-0.2619600.0	986.22	0.02	-0.4819784.0
988.30	0.02	-0.2019892.0	991.17	0.01	0.3720000.0	994.38	0.01	0.4820054.0
992.50	0.01	0.6020345.0	984.08	0.02	-1.5220462.0	984.32	0.02	-1.2820598.8
994.77	0.01	0.7720696.0	995.45	0.01	0.9520878.9	995.13	-0.06	-1.6721107.3
1001.60	0.00	0.0021135.0	997.99	-0.07	-1.2121141.2	1000.90	0.00	0.0021235.0
1002.00	0.00	0.0021440.0	1005.60	0.00	0.0022834.0	1009.30	0.00	0.0022860.0
1007.40	0.00	0.0022921.0	1006.80	0.00	0.0022986.0	1009.30	0.00	0.0023900.0

SEC NO 6.38 TIME= 111.115 HOURS WSEL= 999.08 WIDTH= 6234.91

Z	DZ	TDZ	Y	Z	DZ	TDZ	Y	Z	DZ	TDZ	Y
999.10	0.00	0.0014420.0		996.66	0.05	0.6614450.3		998.00	0.00	0.0014510.0	
997.50	0.00	-0.1015547.0		997.50	0.00	-0.1015799.0		998.10	0.00	0.0016400.0	
999.60	0.00	0.0016860.0		1000.00	0.00	0.0017163.0		998.80	0.00	0.0017791.0	
994.65	0.00	-0.5517874.5		995.23	0.00	0.0317968.0		988.25	0.00	0.1518004.1	
988.22	0.00	0.2218210.0		987.79	0.00	1.8918256.0		989.26	0.00	-0.6418298.0	
988.40	0.00	-0.5018477.0		983.25	0.00	2.0518538.0		983.25	0.00	2.0518753.0	
986.20	0.00	1.4018852.0		987.39	0.00	0.6919145.0		988.18	0.00	0.0819470.3	
991.59	0.00	0.2919712.1		992.01	0.00	0.4019851.0		989.66	0.00	-0.2419983.6	
989.06	0.00	0.5620000.0		986.24	0.00	1.9420169.0		985.49	0.00	1.1920404.6	
993.80	0.00	-1.0020448.2		995.16	0.00	-0.5420564.0		995.55	0.00	-0.4520655.0	
992.41	0.00	-1.2920808.6		995.67	0.00	-0.4320917.0		995.67	0.00	-0.4320985.0	
992.20	0.00	-0.5021024.4		995.46	0.00	-0.4421080.0		993.75	0.00	-1.0521158.8	
992.34	0.00	-0.1621199.5		993.93	0.00	-0.8721263.1		994.64	0.00	-0.5621350.0	
992.36	0.00	-0.3421400.5		993.75	0.00	-0.7521436.0		992.83	0.02	-0.4721561.2	
1003.50	0.00	0.0021628.0		1002.70	0.00	0.0021772.0		999.14	0.00	0.2421816.9	
1003.30	0.00	0.0021850.0		1003.20	0.00	0.0021919.0		1001.60	0.00	0.0021929.0	
1006.50	0.00	0.0023090.0		1008.00	0.00	0.0023146.0					

SEC NO 6.25 TIME= 111.115 HOURS WSEL= 998.31 WIDTH= 7377.91

Z	DZ	TDZ	Y	Z	DZ	TDZ	Y	Z	DZ	TDZ	Y
998.38	0.00	0.0013703.0		998.90	0.00	0.0013716.0		999.60	0.00	0.0013751.0	
998.34	0.00	0.3413782.2		996.14	0.05	1.8414098.1		994.32	0.00	0.0214125.0	
996.02	0.00	0.0214164.0		995.51	0.00	0.0114657.0		994.91	0.00	0.0114694.0	
995.31	0.00	0.0114833.0		996.41	0.00	0.0115647.0		996.71	0.00	0.0116061.0	
998.40	0.00	0.0016600.0		998.50	0.00	0.0017299.0		999.90	0.00	0.0017381.0	
998.40	0.00	0.0017430.0		997.10	0.00	0.0017921.0		993.76	0.00	0.0618104.1	
993.45	0.00	-0.0518243.0		983.94	-0.01	-0.1618284.5		980.80	-0.01	-1.5018363.0	
978.71	0.00	-0.4918385.0		978.71	0.00	-0.4918610.0		981.87	-0.01	-1.3318662.0	
983.87	-0.01	-0.9318954.0		989.02	0.00	-0.2819189.0		989.25	0.00	-0.2519382.0	
985.97	-0.01	-0.5319425.0		989.26	0.00	-0.2419458.0		991.99	0.00	-0.1119633.0	
989.50	0.00	-0.2019714.0		985.66	-0.01	-0.4419785.0		988.47	0.00	-0.2319958.0	
979.88	0.00	-0.5219983.0		979.89	0.00	-0.5120000.0		983.07	-0.01	-0.4320112.0	
988.72	0.00	-0.1820260.0		981.90	-0.01	-0.4020286.0		984.61	-0.01	2.2120342.5	
992.23	0.00	-0.0720373.0		990.84	0.00	1.1420437.3		991.93	0.00	-0.0720506.0	
1000.40	0.00	0.0020569.0		996.31	0.00	0.0120593.0		996.01	0.00	0.0120735.0	
995.51	0.00	0.0120854.0		991.70	0.00	0.2020887.9		994.70	0.00	0.0020945.0	
992.63	0.00	0.6321047.6		993.97	0.00	0.7721203.5		995.45	0.00	0.6521404.6	
998.31	0.03	0.2122081.9		1001.70	0.00	0.0022122.0		1000.70	0.00	0.0022175.0	
1005.60	0.00	0.0023314.0									

SEC NO 6.11 TIME= 111.115 HOURS WSEL= 997.45 WIDTH= 5696.52

Z	DZ	TDZ	Y	Z	DZ	TDZ	Y	Z	DZ	TDZ	Y
997.60	0.00	0.0016209.0		996.11	0.00	0.0116733.0		996.80	0.00	0.0016900.0	
997.50	0.00	0.0017488.0		998.30	0.00	0.0017594.0		997.70	0.00	0.0017610.0	
995.52	0.00	0.0217838.0		992.63	0.00	0.1318006.0		993.22	0.00	0.1218393.0	
993.22	0.00	0.1218485.0		980.55	-0.01	0.9518579.0		980.54	-0.01	0.9418856.0	
984.28	-0.01	0.7818948.0		983.70	-0.01	0.8019276.0		983.70	-0.01	0.8019373.0	
986.59	-0.01	0.5919418.0		983.69	-0.01	0.7919526.0		984.73	-0.01	0.7319709.0	
980.59	-0.01	0.8920000.0		979.81	-0.01	0.9120100.0		982.81	-0.01	0.8120149.0	
988.83	-0.01	0.3320175.0		988.74	0.00	0.3420339.0		988.65	0.00	0.3520483.0	
984.45	-0.01	0.7520523.0		987.90	-0.01	0.4020568.0		990.35	0.00	0.2520650.0	
990.72	0.00	0.2220753.0		989.61	0.00	0.3120828.0		992.04	0.00	0.1420896.0	
995.91	0.00	0.0121766.0		998.10	0.00	0.0022313.0		1000.70	0.00	0.0022362.0	
1005.60	0.00	0.0023502.0		1007.30	0.00	0.0023537.0		1006.10	0.00	0.0023573.0	
1006.20	0.00	0.0023982.0		1007.40	0.00	0.0024600.0					

TIME=161.115 HRS. DT= 2400. SECS. TIME STEP= 180

SEC. NO.	W.S.ELEV. FEET	WIDTH FEET	DEPTH FEET	Q CFS	V FPS	SLOPE	D50 MM	QS CFS	FR
6.03	986.67	1403.99	7.87	46661.8	6.38	0.00223	12.11	19.50	0.49
6.11	987.70	1712.77	8.10	46661.8	5.91	0.00225	11.77	18.13	0.49
6.25	989.30	1745.80	9.42	46661.8	5.81	0.00218	15.55	15.45	0.48
6.38	990.96	2179.97	8.45	46661.8	5.52	0.00246	20.99	14.33	0.49
6.55	992.75	1513.07	9.46	46661.8	5.58	0.00158	16.07	10.60	0.42
6.73	994.68	2379.42	7.32	46661.8	5.39	0.00257	22.74	13.27	0.50
6.86	996.62	3400.81	8.85	46661.8	4.70	0.00261	24.34	11.34	0.48
7.03	998.20	2466.00	11.08	46661.8	4.07	0.00106	12.26	6.62	0.33
7.21	999.33	2534.50	13.69	46661.8	4.48	0.00151	17.49	8.25	0.39
7.35	1000.38	1955.00	10.31	46661.8	4.77	0.00132	16.38	7.96	0.38
7.50	1001.47	1944.64	10.58	46661.8	5.08	0.00161	19.59	8.95	0.41
7.65	1002.72	1722.15	10.10	46661.8	5.29	0.00156	18.30	9.00	0.41
7.84	1004.66	2372.65	9.48	46661.8	5.36	0.00253	31.70	10.53	0.49
7.94	1005.86	2055.33	9.97	46661.8	5.02	0.00167	22.65	8.50	0.42
8.04	1006.62	1573.46	6.75	46661.8	4.66	0.00109	13.23	7.39	0.33
8.15	1007.29	1553.57	8.42	46661.8	5.46	0.00152	16.27	8.94	0.41
8.32	1008.86	1865.42	11.35	46661.8	5.74	0.00228	25.56	10.73	0.48
8.46	1010.79	2655.69	5.64	46661.8	5.36	0.00291	28.51	11.25	0.52
8.61	1012.81	2588.94	7.15	46661.8	4.80	0.00195	24.49	7.28	0.44
8.72	1013.93	2592.44	5.94	46661.8	4.73	0.00186	26.02	6.55	0.43
8.85	1015.27	2816.18	7.53	46661.8	4.62	0.00192	26.07	6.31	0.43
8.98	1016.43	2470.05	6.82	46661.8	4.41	0.00138	22.78	4.69	0.38
9.10	1017.21	2138.96	5.31	46661.8	4.46	0.00118	18.97	4.32	0.36
9.26	1018.45	2443.51	9.38	46661.8	4.95	0.00200	24.57	5.68	0.44
9.38	1019.96	3070.17	9.82	46661.8	4.84	0.00252	30.99	5.91	0.48
9.54	1021.90	2873.45	11.82	46661.8	4.61	0.00197	37.52	3.98	0.43
9.66	1022.98	2124.09	10.37	46661.8	4.81	0.00151	39.23	3.21	0.40
9.79	1023.86	1712.52	10.82	46661.8	5.06	0.00134	38.65	3.02	0.38
9.87	1024.46	1783.30	13.80	46661.8	4.94	0.00131	37.22	2.78	0.38
10.00	1025.19	1505.14	14.53	47906.1	4.33	0.00065	35.08	1.41	0.28
10.06	1025.42	458.78	39.75	47906.1	3.31	0.00008	7.26	0.77	0.10
10.20	1025.44	1281.53	13.01	47906.1	5.49	0.00116	30.56	4.82	0.37
10.38	1026.50	1183.05	13.44	47906.1	5.66	0.00115	30.82	4.86	0.37
10.56	1027.85	1692.72	12.79	47906.1	5.43	0.00161	30.65	5.67	0.42
10.74	1029.06	1729.27	11.77	47906.1	4.06	0.00063	21.57	2.59	0.27
10.89	1029.58	1880.44	13.73	47906.1	4.03	0.00069	25.45	2.50	0.28
11.04	1030.07	1695.93	16.60	47906.1	3.78	0.00049	29.97	1.95	0.24
11.13	1030.38	2547.88	18.38	47906.1	2.76	0.00029	10.25	1.72	0.19

SEC NO 6.11 TIME= 170.449 HOURS WSEL= 986.88 WIDTH= 1686.36

Z	DZ	TDZ	Y	Z	DZ	TDZ	Y	Z	DZ	TDZ	Y
997.60	0.00	0.0016209.0		996.15	0.00	0.0516733.0		996.81	0.00	0.0116900.0	
997.50	0.00	0.0017488.0		998.30	0.00	0.0017594.0		997.70	0.00	0.0017610.0	
995.60	0.00	0.1017838.0		992.76	0.00	0.2618006.0		993.34	0.00	0.2418393.0	
993.34	0.00	0.2418485.0		980.71	0.00	1.1118579.0		980.59	0.00	0.9918856.0	
984.38	0.00	0.8818948.0		983.71	0.00	0.8119276.0		983.69	0.00	0.7919373.0	
986.71	0.00	0.7119418.0		983.65	-0.01	0.7519526.0		984.71	0.00	0.7119709.0	
980.17	-0.02	0.4720000.0		979.35	-0.01	0.4520100.0		982.56	-0.01	0.5620149.0	
988.98	0.00	0.4820175.0		988.89	0.00	0.4920339.0		988.80	0.00	0.5020483.0	
984.42	0.00	0.7220523.0		988.05	0.00	0.5520568.0		990.49	0.00	0.3920650.0	
990.85	0.00	0.3520753.0		989.76	0.00	0.4620828.0		992.18	0.00	0.2820896.0	

995.97	0.00	0.0721766.0	998.10	0.00	0.0022313.0	1000.70	0.00	0.0022362.0
1005.60	0.00	0.0023502.0	1007.30	0.00	0.0023537.0	1006.10	0.00	0.0023573.0
1006.20	0.00	0.0023982.0	1007.40	0.00	0.0024600.0			

SEC NO 6.25 TIME= 170.449 HOURS WSEL= 988.52 WIDTH= 1650.55

Z	DZ	TDZ	Y	Z	DZ	TDZ	Y	Z	DZ	TDZ	Y
998.38	0.00	0.0013703.0		998.90	0.00	0.0013716.0		999.60	0.00	0.0013751.0	
998.34	0.00	0.3413782.2		996.95	0.00	2.6514098.5		994.27	0.00	-0.0314124.9	
996.01	0.00	0.0114164.0		995.39	0.00	-0.1114657.0		994.23	0.00	-0.6714693.8	
994.86	0.00	-0.4414833.1		996.40	0.00	0.0015647.0		996.70	0.00	0.0016061.0	
998.40	0.00	0.0016600.0		998.50	0.00	0.0017299.0		999.90	0.00	0.0017381.0	
998.40	0.00	0.0017430.0		997.09	-0.01	-0.0117921.0		993.09	0.00	-0.6118103.6	
993.30	-0.02	-0.2018243.0		983.11	-0.01	-0.9918283.5		981.80	-0.01	-0.5018363.0	
980.25	0.00	1.0518385.0		980.25	0.00	1.0518610.0		982.84	0.00	-0.3618662.0	
984.83	0.00	0.0318954.0		988.35	0.00	-0.9519189.4		989.71	0.00	0.2119382.0	
985.65	0.00	-0.8519424.6		988.27	0.00	-1.2319458.6		991.54	0.00	-0.5619633.0	
988.46	0.00	-1.2419713.4		985.98	0.00	-0.1219785.0		988.54	0.00	-0.1619958.0	
981.30	0.00	0.9019983.0		981.34	0.00	0.9420000.0		984.05	0.00	0.5520112.1	
988.90	0.00	0.0020260.0		982.99	0.00	0.6920285.9		985.36	-0.01	2.9620342.7	
991.52	0.00	-0.7820373.0		990.53	0.00	0.8320437.1		990.30	0.00	-1.7020507.2	
1000.40	0.00	0.0020569.0		996.30	0.00	0.0020593.0		995.99	0.00	-0.0120735.0	
995.37	0.00	-0.1320854.0		990.46	0.00	-1.0420886.5		994.38	0.00	-0.3220945.0	
991.67	0.00	-0.3321046.8		993.48	0.00	0.2821203.9		995.79	0.00	0.9921404.4	
998.31	0.00	0.2122081.9		1001.70	0.00	0.0022122.0		1000.70	0.00	0.0022175.0	
1005.60	0.00	0.0023314.0									

SEC NO 6.38 TIME= 170.449 HOURS WSEL= 990.23 WIDTH= 2084.56

Z	DZ	TDZ	Y	Z	DZ	TDZ	Y	Z	DZ	TDZ	Y
999.10	0.00	0.0014420.0		997.18	0.00	1.1814450.5		998.00	0.00	0.0014510.0	
997.18	0.00	-0.4215546.9		997.18	0.00	-0.4215799.1		998.10	0.00	0.0016400.0	
999.60	0.00	0.0016860.0		1000.00	0.00	0.0017163.0		998.80	0.00	0.0017791.0	
994.64	0.00	-0.5617874.4		995.20	0.00	0.0017968.0		988.82	0.00	0.7218004.5	
988.01	0.00	0.0118210.0		987.51	0.00	1.6118256.0		989.17	0.00	-0.7418298.0	
988.14	0.00	-0.7618477.0		982.18	-0.01	0.9818538.0		982.18	0.00	0.9818753.0	
985.64	-0.02	0.8418852.0		987.10	-0.01	0.3919145.0		988.07	-0.01	-0.0319470.3	
991.77	0.00	0.4719712.1		992.20	0.00	0.6019851.0		989.77	0.00	-0.1319983.6	
989.15	0.00	0.6520000.0		986.24	0.00	1.9420169.0		986.36	0.00	2.0620404.1	
993.61	0.00	-1.1920448.2		994.95	0.00	-0.7520564.0		995.33	0.00	-0.6720655.0	
992.63	0.00	-1.0720808.6		995.45	0.00	-0.6520917.0		995.45	0.00	-0.6520985.0	
992.51	0.00	-0.1921024.3		995.24	0.00	-0.6621080.0		993.57	0.00	-1.2321158.8	
992.66	0.00	0.1621199.5		993.74	0.00	-1.0621263.1		994.44	-0.01	-0.7621350.0	
992.89	0.00	0.1921400.3		993.66	0.00	-0.8421435.9		993.78	0.00	0.4821560.8	
1003.50	0.00	0.0021628.0		1002.70	0.00	0.0021772.0		999.14	0.00	0.2421816.9	
1003.30	0.00	0.0021850.0		1003.20	0.00	0.0021919.0		1001.60	0.00	0.0021929.0	
1006.50	0.00	0.0023090.0		1008.00	0.00	0.0023146.0					

SEC NO 6.55 TIME= 170.449 HOURS WSEL= 992.01 WIDTH= 1412.94

Z	DZ	TDZ	Y	Z	DZ	TDZ	Y	Z	DZ	TDZ	Y
1000.12	0.00	0.0016200.0		1001.60	0.00	0.0016844.0		1001.60	0.00	0.0016965.0	
997.79	0.00	-1.7117030.9		995.38	0.00	2.1817094.7		994.88	0.00	-0.3217669.1	
992.66	0.00	2.3617703.7		994.52	0.00	0.9218296.0		987.65	0.00	0.9418359.5	

986.53	0.00	0.9318509.5	994.23	0.00	-0.0718578.6	997.61	0.00	-1.4918753.0
992.60	0.00	-0.6018769.1	993.65	0.00	0.5518825.1	996.50	0.00	-0.6018899.0
992.70	0.00	-1.0018964.1	996.14	-0.01	-2.7619048.5	1000.70	0.00	0.0019185.0
983.45	-0.02	-3.0519244.5	986.90	-0.01	0.2019600.0	986.61	-0.01	-0.0919784.0
988.42	0.00	-0.0819892.0	990.39	0.00	-0.4120000.5	994.43	0.00	0.5320054.0
991.59	0.00	-0.3120344.5	984.63	0.00	-0.9720462.0	983.94	0.00	-1.6620599.4
994.84	0.00	0.8420696.0	995.57	0.00	1.0720878.9	994.60	0.00	-2.2021107.7
1001.36	0.00	-0.2421135.0	997.51	0.00	-1.6921140.5	1000.90	0.00	0.0021235.0
1002.00	0.00	0.0021440.0	1005.60	0.00	0.0022834.0	1009.30	0.00	0.0022860.0
1007.40	0.00	0.0022921.0	1006.80	0.00	0.0022986.0	1009.30	-0.01	0.0023900.0

SEC NO 6.73 TIME= 170.449 HOURS WSEL= 993.89 WIDTH= 2144.72

Z	DZ	TDZ	Y	Z	DZ	TDZ	Y	Z	DZ	TDZ	Y
1001.70	0.00	0.0016658.0		999.51	0.00	-1.1916862.2		996.75	0.00	0.2516916.9	
997.76	0.00	-0.9417096.0		990.50	0.00	0.2017209.1		996.72	0.00	-0.0817253.0	
995.71	0.00	-0.3917370.3		999.06	0.00	-0.6417639.0		989.16	0.00	-2.1417660.4	
995.91	0.00	-0.0917970.3		997.76	0.00	-0.9418006.0		996.73	0.00	-0.7718120.9	
991.15	0.00	-2.4518144.9		991.77	0.00	-0.9318293.8		989.38	0.00	0.5818420.5	
994.32	0.00	-0.1818476.0		987.22	-0.01	0.4218528.5		988.82	0.00	1.3218629.0	
991.11	-0.02	1.4118666.0		988.33	-0.01	-0.5718731.1		996.26	-0.01	0.2618884.0	
993.14	0.00	-0.9619029.5		996.98	0.00	-1.0219088.0		997.36	0.00	-2.7419300.0	
996.99	0.00	-0.1119416.0		994.80	0.00	-0.7019601.6		992.42	0.00	0.1219761.2	
991.32	0.00	1.7219798.0		992.75	0.00	1.6519974.0		992.94	0.00	1.6420000.0	
989.22	0.00	1.9220144.0		987.35	0.00	0.0520658.3		996.98	0.00	-2.3220719.0	
992.94	0.00	-0.1620768.6		994.73	0.00	1.1320856.2		996.99	0.00	-0.6120896.3	
998.73	0.00	1.1320951.5		1003.60	0.00	0.0020985.0		1001.30	-0.01	0.0021026.0	
1002.70	0.00	0.0021217.0		1005.40	0.00	0.0022559.0		1007.70	0.00	0.0022586.0	
1007.80	0.00	0.0022630.0		1005.80	0.00	0.0022668.0		1009.20	0.00	0.0023600.0	

SEC NO 6.86 TIME= 170.449 HOURS WSEL= 995.78 WIDTH= 2425.94

Z	DZ	TDZ	Y	Z	DZ	TDZ	Y	Z	DZ	TDZ	Y
1004.10	0.00	0.0016520.0		1004.10	0.00	0.0016521.0		1004.10	0.00	0.0016522.0	
1004.10	0.00	0.0016523.0		1004.10	0.00	0.0016528.0		1001.32	0.00	-0.1816785.8	
996.67	0.00	-1.6317003.4		996.37	0.00	-0.7317124.7		996.33	0.00	0.0317307.7	
994.45	0.00	0.8517352.8		995.89	0.00	-1.7117406.6		999.90	0.00	-0.9017599.0	
996.18	0.00	-2.6217804.8		993.68	0.00	-0.2217823.5		996.05	0.00	1.2517977.0	
992.00	0.00	-0.7018059.8		998.42	-0.01	-1.6818086.0		997.50	0.00	-2.2018189.8	
990.75	-0.02	-0.1518223.1		994.63	-0.01	2.6318504.0		990.75	-0.01	3.1518527.0	
990.36	0.00	2.7618597.2		996.29	0.00	1.1918633.0		992.24	0.00	2.3418655.9	
996.03	0.00	0.5318685.5		996.29	0.00	-0.5118890.0		991.08	0.00	1.4818934.2	
993.94	0.00	2.6419052.0		992.60	0.00	-0.1019101.6		996.62	0.00	-2.2819346.0	
996.26	0.00	-1.4419517.6		994.00	0.00	-0.1019545.9		996.25	0.00	0.9519714.0	
995.57	0.00	0.8719834.8		993.07	0.00	2.2719999.9		991.72	0.00	2.5220099.0	
991.68	0.00	2.4820226.0		993.88	0.00	2.3820322.0		990.11	-0.01	2.4120421.0	
987.53	0.00	0.6320838.1		995.84	0.00	-1.8620863.7		999.54	0.00	-1.6620926.1	
1002.90	0.00	0.0021005.0		1000.70	0.00	-0.9021027.4		1005.00	0.00	0.0022316.0	
1007.30	0.00	0.0022342.0		1006.90	0.00	0.0022399.0		1008.10	0.00	0.0022701.0	
1009.60	0.00	0.0023500.0									

SEC NO 7.03 TIME= 170.449 HOURS WSEL= 997.32 WIDTH= 2174.23

Z	DZ	TDZ	Y	Z	DZ	TDZ	Y	Z	DZ	TDZ	Y

1004.20	0.00	0.0016215.0	1002.88	0.00	2.6817222.5	1000.79	0.00	-1.0117541.3
999.22	0.00	0.9217635.3	1000.35	0.00	0.0517686.0	996.79	0.00	-0.9117737.3
1002.06	0.00	-0.3417767.0	999.32	0.00	-1.5818050.2	1000.78	0.00	-0.6218175.0
996.62	0.00	0.2218211.8	994.37	0.00	0.6718275.1	996.78	0.00	-0.0118339.0
991.29	0.00	0.2918402.0	992.22	0.00	0.2218531.0	993.81	0.00	0.0118619.1
998.42	0.00	0.0218696.0	997.29	-0.01	-0.4118831.9	995.60	0.00	0.2018855.0
996.63	-0.02	0.2318938.0	996.34	-0.01	0.1419020.0	997.62	-0.01	-0.1819048.0
991.60	0.00	-0.4019109.0	991.13	0.00	-0.4719188.0	996.76	0.00	0.1619229.0
995.60	0.00	0.0019362.0	996.48	0.00	-0.7219466.5	1000.50	0.00	0.0019541.0
997.03	0.00	-1.1719593.5	990.63	0.00	-0.9719668.0	990.39	0.00	-1.2119915.0
993.84	0.00	-0.5619949.0	993.04	0.00	-0.7620000.0	990.00	0.00	-1.4020121.0
988.84	0.00	-1.2620145.0	993.70	0.00	-0.7020170.0	992.79	0.00	-1.0120355.0
989.92	0.00	-1.6820454.0	987.27	0.00	0.3720486.0	987.38	-0.01	-0.2320619.0
998.00	0.00	-0.1020641.0	998.01	0.00	-0.3920750.3	1001.01	0.00	0.0120880.1
1001.34	0.00	0.1321070.7	1001.40	0.00	-0.4021155.3	1002.61	0.00	-0.5921183.0
1002.15	0.00	-0.0521236.7	1004.50	0.00	0.0022041.0	1008.00	0.00	0.0022060.0
1006.40	0.00	0.0022097.0	1006.20	0.00	0.0022134.0	1007.00	0.00	0.0022194.0
1009.00	0.00	0.0023041.0	1011.00	0.00	0.0023279.0	1011.00	0.00	0.0023354.0
1012.90	0.00	0.0023774.0	1011.70	0.00	0.0023967.0	1012.90	0.00	0.0024168.0
1014.10	0.00	0.0024539.0	1014.70	0.00	0.0024724.0	1014.60	0.00	0.0024800.0
1015.60	0.00	0.0025001.0	1016.40	0.00	0.0025733.0	1019.00	0.00	0.0025760.0
1016.80	0.00	0.0025777.0	1016.80	0.00	0.0025906.0			

SEC NO 7.21 TIME= 170.449 HOURS WSEL= 998.53 WIDTH= 2416.96

Z	DZ	TDZ Y	Z	DZ	TDZ Y	Z	DZ	TDZ Y
1007.50	0.00	0.0015824.0	1008.70	0.00	0.0015856.0	1007.30	0.00	0.0015901.0
1002.85	0.00	-0.0516960.8	1002.17	0.00	-0.0317068.9	1001.89	0.00	-0.2117161.2
1001.67	0.00	-0.9317304.6	1002.09	0.00	-1.6117500.7	1005.00	0.00	0.0017637.0
997.15	0.00	-3.0517677.5	1004.60	0.00	0.0017711.0	1004.05	0.00	-0.1517929.0
1005.00	0.00	0.0018146.0	997.84	0.00	-3.8618182.8	1001.69	0.00	-0.0118207.0
995.11	0.00	-1.3918220.7	996.49	-0.01	-0.5118276.4	999.34	0.00	-1.0618327.0
997.80	-0.02	-1.2018385.2	996.46	-0.01	0.2618397.3	996.48	-0.01	1.8818666.0
995.38	0.00	2.8818692.0	995.83	0.00	1.0318746.0	995.14	0.00	-4.4618812.3
1004.37	0.00	-0.2318825.0	1006.40	0.00	0.0019072.0	996.54	0.00	-4.6619213.6
1001.61	0.00	-0.5919352.0	996.98	0.00	-2.6219378.3	995.36	0.00	-3.0419449.7
1001.55	0.00	-0.1519492.0	994.67	0.00	-1.5319537.7	996.45	0.00	-0.0519595.0
995.61	0.00	2.6119629.0	995.54	0.00	2.5419978.0	995.88	0.00	2.4820000.0
996.40	0.00	0.7020196.0	995.82	0.00	2.4220284.0	993.57	-0.01	2.6720297.0
992.22	0.00	2.6220808.0	996.38	0.00	-0.2220827.0	995.68	0.00	2.2820997.0
985.87	0.00	-2.7321059.0	985.65	0.00	-3.1521103.9	1003.34	0.00	-0.6621187.3
1006.60	0.00	0.0021771.0	1010.00	0.00	0.0021789.0	1010.00	0.00	0.0021819.0
1004.76	0.00	1.1621830.5	1006.40	0.00	0.0021847.0	1009.30	0.00	0.0022605.0
1014.60	0.00	0.0024399.0	1015.40	0.00	0.0024500.0	1018.50	0.00	0.0025370.0
1020.80	0.00	0.0026381.0	1021.60	0.00	0.0026567.0	1023.40	0.00	0.0027058.0
1025.90	0.00	0.0027069.0	1025.10	0.00	0.0027108.0	1027.00	0.00	0.0027140.0
1024.60	0.00	0.0027173.0	1026.10	0.00	0.0028054.0	1026.90	0.00	0.0028447.0
1025.80	0.00	0.0028491.0	1027.10	0.00	0.0028800.0			

SEC NO 7.35 TIME= 170.449 HOURS WSEL= 999.66 WIDTH= 1870.50

Z	DZ	TDZ Y	Z	DZ	TDZ Y	Z	DZ	TDZ Y
1008.50	0.00	0.0015651.0	1009.40	0.00	0.0016240.0	1009.70	0.00	0.0016491.0
1010.20	0.00	0.0016561.0	1007.70	0.00	0.0016641.0	1006.49	0.00	1.7916684.0
1005.35	0.00	1.0517157.6	1004.47	0.00	0.5717300.3	1004.32	0.00	-1.2817425.4
1005.76	0.00	-0.3417720.1	1007.30	0.00	0.0017893.0	1005.76	0.00	-0.3418119.9

1006.20	0.00	0.0018215.0	1003.26	0.00	-0.8418279.3	1007.40	0.00	0.0018329.0
1000.70	0.00	2.9018374.3	997.75	-0.01	0.8518510.8	999.25	0.00	0.6518674.0
997.73	-0.02	1.2318737.0	998.37	-0.01	-2.5318913.9	1006.40	-0.01	0.0018927.0
1003.74	0.00	-1.4618971.3	999.03	0.00	-1.4719021.8	1001.50	0.00	-1.3019105.5
1003.11	0.00	-0.2919167.0	999.31	0.00	-1.1919249.0	1001.59	0.00	-1.8119311.7
1003.62	0.00	0.0219452.0	1001.68	0.00	-2.0219602.5	1004.56	0.00	-0.2419651.0
991.45	0.00	-1.5519719.7	993.41	0.00	0.4120000.0	993.34	0.00	0.3420089.0
996.26	0.00	0.4620237.0	997.34	0.00	0.4420467.0	990.58	0.00	-0.2220496.0
990.55	0.00	-0.2520530.0	994.99	0.00	0.1920541.0	995.42	-0.01	0.2220568.0
991.38	0.00	-0.2220604.0	991.28	0.00	-0.3220711.0	992.38	0.00	-0.2220749.0
990.76	0.00	-0.4420788.0	997.30	0.00	0.3020800.0	990.29	0.00	-0.5120822.0
993.36	0.00	-0.0420918.0	998.61	0.00	0.0120946.9	998.61	0.00	-0.6921001.8
1003.95	0.00	-0.6521045.0	1001.24	0.00	-1.7621080.2	1001.28	0.00	-0.7221158.7
1003.96	0.00	-0.6421242.0	1003.07	0.00	0.6721341.3	1008.40	0.00	0.0021390.0
1009.20	0.00	0.0021557.0	1010.00	0.00	0.0021668.0	1006.51	0.00	1.5121719.7
1008.20	0.00	0.0021780.0	1008.60	0.00	0.0022040.0	1015.40	0.00	0.0024164.0
1016.30	0.00	0.0024195.0	1016.30	0.00	0.0024300.0	1021.00	0.00	0.0025891.0
1023.00	0.00	0.0026790.0	1024.70	0.00	0.0026823.0	1022.90	0.00	0.0026863.0
1024.60	0.00	0.0026890.0	1022.60	0.00	0.0026944.0	1027.30	0.00	0.0028161.0
1028.20	0.00	0.0028206.0	1026.90	0.00	0.0028243.0	1028.10	0.00	0.0028600.0

SEC NO 7.50 TIME= 170.449 HOURS WSEL= 1000.75 WIDTH= 1863.14

Z	DZ	TDZ Y	Z	DZ	TDZ Y	Z	DZ	TDZ Y
1012.70	0.00	0.0016573.0	1012.20	0.00	0.0016597.0	1006.17	0.00	0.2716718.1
1006.01	0.00	-0.6917100.1	1007.39	0.00	-0.0118106.0	1008.10	0.00	0.0018155.0
1005.76	0.00	-0.8418361.6	1004.04	0.00	4.6418379.5	998.42	0.00	0.8218522.7
997.47	0.00	1.2718590.0	999.92	0.00	-0.8818798.5	1003.39	0.00	-0.2118970.0
1000.77	0.00	-1.0319016.5	998.86	0.00	-2.9419061.7	1007.80	0.00	0.0019083.0
999.75	0.00	-3.0519143.2	998.82	-0.01	-2.9819272.8	1013.80	0.00	0.0019364.0
1004.25	-0.02	-2.1519399.1	1002.88	-0.01	-1.7219429.5	1004.74	-0.01	-0.6619728.0
993.26	0.00	-0.3419802.4	994.74	0.00	0.5420000.0	994.48	0.00	0.2820358.0
998.41	0.00	0.4120478.0	993.06	0.00	0.0620491.0	992.35	0.00	-0.0520551.0
995.19	0.00	0.1920582.0	998.41	0.00	0.2120630.0	991.15	0.00	0.1520696.0
991.15	0.00	0.1520774.0	999.60	0.00	0.4020797.0	998.50	0.00	0.3020949.1
1001.07	0.00	-0.3321020.0	999.72	0.00	1.1221049.5	1003.61	0.00	0.3121091.5
1003.74	0.00	-1.2621123.9	1007.22	0.00	0.0221302.0	1008.20	-0.01	0.0021510.0
1011.40	0.00	0.0021585.0	1012.60	0.00	0.0021665.0	1010.90	0.00	0.0022473.0
1007.38	0.00	1.6822483.1	1012.10	0.00	0.0022498.0	1010.20	0.00	0.0022552.0
1011.80	0.00	0.0022662.0	1015.10	0.00	0.0023907.0	1015.70	0.00	0.0024000.0
1019.30	0.00	0.0025236.0	1019.00	0.00	0.0025285.0	1024.00	0.00	0.0026503.0
1024.30	0.00	0.0026525.0	1024.70	0.00	0.0026554.0	1025.00	0.00	0.0026583.0
1024.00	0.00	0.0026618.0	1026.30	0.00	0.0027601.0	1028.50	0.00	0.0028300.0

SEC NO 7.65 TIME= 170.449 HOURS WSEL= 1002.00 WIDTH= 1649.56

Z	DZ	TDZ Y	Z	DZ	TDZ Y	Z	DZ	TDZ Y
1012.00	0.00	0.0015877.0	1012.80	0.00	0.0016500.0	1013.90	0.00	0.0016523.0
1012.80	0.00	0.0016565.0	1014.96	0.00	-0.0416586.0	1007.91	0.00	0.5116597.1
1014.30	0.00	0.0016620.0	1013.60	0.00	0.0016659.0	1013.10	0.00	0.0016800.0
1007.25	0.00	-1.0516834.6	1007.36	0.00	-0.5416900.0	1007.07	0.00	-1.1317875.5
1009.60	0.00	0.0017941.0	1007.16	0.00	-1.2418034.5	1004.63	0.00	0.9318324.3
1004.16	0.00	-0.2418465.9	1000.22	-0.01	1.7218506.5	998.81	0.00	0.8118560.0
1001.56	-0.02	-0.0418686.0	1000.55	-0.01	-0.0518809.0	999.08	-0.01	0.5818898.0
1000.21	0.00	-0.2919050.5	1005.57	0.00	-0.6319177.0	1004.31	0.00	-0.4919361.0
1002.25	0.00	-0.9519631.6	1000.22	0.00	0.0219775.0	994.63	0.00	-0.6719824.0

996.03	0.00	-0.5719969.0	996.00	0.00	-0.6020000.0	992.85	0.00	-1.2520080.0
993.33	0.00	-0.8720350.0	994.31	0.00	-0.6920367.0	994.25	0.00	-0.6520411.0
998.24	0.00	-0.3620448.0	995.55	0.00	-0.2520626.0	998.24	0.00	1.6420683.0
1006.37	0.00	0.2720708.0	1007.31	0.00	-0.0920794.2	1007.81	-0.01	-0.6920885.5
1009.60	0.00	0.0021378.0	1009.63	0.00	0.0321687.0	1010.50	0.00	0.0021765.0
1012.60	0.00	0.0021802.0	1013.80	0.00	0.0021979.0	1010.50	0.00	0.0022033.0
1013.40	0.00	0.0022071.0	1013.70	0.00	0.0022085.0	1011.70	0.00	0.0022372.0
1014.00	0.00	0.0023308.0	1016.10	0.00	0.0023679.0	1016.20	0.00	0.0023724.0
1015.80	0.00	0.0023800.0	1018.40	0.00	0.0025018.0	1020.60	0.00	0.0025052.0
1018.80	0.00	0.0025087.0	1022.10	0.00	0.0026272.0	1024.00	0.00	0.0026294.0
1025.10	0.00	0.0026336.0	1023.60	0.00	0.0026375.0	1026.10	0.00	0.0027244.0
1027.40	0.00	0.0027800.0						

SEC NO 7.84 TIME= 170.449 HOURS WSEL= 1003.91 WIDTH= 2157.94

Z	DZ	TDZ	Y	Z	DZ	TDZ	Y	Z	DZ	TDZ	Y
1012.40	0.00	0.0016562.0		1012.80	0.00	0.0016600.0		1008.60	0.00	-1.4016631.4	
1007.94	0.00	-1.0617606.8		1007.82	0.00	-0.9817729.5		1007.93	0.00	-2.4717781.0	
1001.57	0.00	4.3718076.5		1001.07	0.00	4.9718189.1		1006.11	0.00	1.1118206.0	
1001.01	0.00	-1.5918332.9		1007.64	0.00	-2.9618348.0		997.61	0.00	-4.9918362.0	
1010.81	0.00	-0.4918384.0		996.58	0.00	-3.4218415.8		1002.35	0.00	2.9518568.0	
1000.79	0.00	4.3918593.0		1000.11	-0.01	3.7118747.7		1007.67	0.00	-1.1318787.6	
1007.12	-0.02	-3.0818812.3		1016.30	-0.01	0.0018855.0		995.09	-0.01	-6.9118890.5	
1001.69	0.00	2.7919041.0		1000.34	0.00	3.0419173.0		1002.93	0.00	0.4319199.8	
1005.54	0.00	0.9419407.0		999.44	0.00	0.9419999.1		999.32	0.00	3.1220126.0	
999.25	0.00	3.0520187.0		999.42	0.00	2.0220207.0		999.14	0.00	3.4420222.0	
998.92	0.00	3.2220472.4		1006.16	0.00	0.7620551.0		998.76	0.00	4.3620578.6	
996.72	0.00	0.9220635.0		1007.73	0.00	-1.8720667.0		1007.06	0.00	-0.1420739.2	
1007.71	0.00	-2.2920858.9		1012.00	0.00	0.0020965.0		1010.83	-0.01	-0.4721046.6	
1010.85	0.00	-0.4521825.0		1011.14	0.00	-0.1621997.2		1014.00	0.00	0.0022078.0	
1016.90	0.00	0.0022968.0		1017.80	0.00	0.0023016.0		1017.70	0.00	0.0023405.0	
1017.70	0.00	0.0023500.0		1016.60	0.00	0.0023623.0		1019.00	0.00	0.0025211.0	
1021.40	0.00	0.0025245.0		1021.40	0.00	0.0025387.0		1023.00	0.00	0.0025990.0	
1023.40	0.00	0.0026034.0		1021.30	0.00	0.0026074.0		1025.90	0.00	0.0027246.0	
1026.70	0.00	0.0027800.0									

SEC NO 7.94 TIME= 170.449 HOURS WSEL= 1005.15 WIDTH= 2032.06

Z	DZ	TDZ	Y	Z	DZ	TDZ	Y	Z	DZ	TDZ	Y
1012.49	0.00	0.0017741.0		1008.76	0.00	-0.8417929.2		1008.56	0.00	-1.5418050.0	
1008.54	0.00	-0.7618104.2		1008.52	0.00	-0.4818139.1		1008.52	0.00	-0.4818357.0	
1008.55	0.00	-0.6518382.0		1002.49	0.00	-2.1118402.9		1000.11	0.00	-4.4918488.2	
1014.51	0.00	-0.3918508.0		1018.07	0.00	-1.2318550.0		1000.77	0.00	-3.8318573.8	
1002.44	0.00	-1.9618608.9		1002.45	0.00	5.5518657.3		996.01	0.00	-1.2918879.0	
1018.60	0.00	0.0018925.0		1012.90	-0.01	0.0018960.0		1003.49	0.00	-6.3119051.5	
1010.78	-0.02	-0.5219110.0		1003.16	-0.01	-5.4419225.1		1000.49	-0.01	-5.9119272.9	
1010.78	0.00	-0.5219288.0		997.31	0.00	-1.1919337.7		1001.88	0.00	0.1819568.0	
1001.36	0.00	2.4619926.0		1001.38	0.00	2.4820000.0		1001.50	0.00	4.3020357.0	
1002.50	0.00	-0.1020390.0		1001.52	0.00	2.2220418.0		1001.51	0.00	4.2120451.0	
1001.49	0.00	4.1920529.0		1002.57	0.00	-1.1320536.2		1003.17	0.00	-0.5320640.0	
1001.57	0.00	4.2720655.7		1001.58	0.00	4.2820711.0		1001.62	0.00	1.0220737.0	
1000.64	0.00	0.0420778.9		1008.78	0.00	-1.2220808.9		1010.86	-0.01	-0.1421047.8	
1011.11	0.00	0.1121114.1		1014.20	0.00	0.0021125.0		1012.90	0.00	0.0021177.0	
1012.07	0.00	4.3721280.0		1012.43	0.00	0.3321371.8		1012.40	0.00	0.0021455.0	

SEC NO 8.04 TIME= 170.449 HOURS WSEL= 1005.91 WIDTH= 1571.70

Z	DZ	TDZ	Y	Z	DZ	TDZ	Y	Z	DZ	TDZ	Y
1015.20	0.00	0.0018	938.0	1015.30	0.00	0.0019	064.0	1015.50	0.00	0.0019	168.0
1018.70	0.00	0.0019	297.0	1017.00	0.00	0.0019	421.0	1000.75	0.00	3.2519	436.8
1000.74	0.00	3.2419	500.0	1000.74	0.00	3.2419	600.0	1000.74	0.00	3.2419	700.0
1000.73	0.00	3.2319	800.0	1000.74	0.00	3.2419	900.0	1000.73	0.00	3.2320	000.0
1000.74	0.00	3.2420	100.0	999.96	0.00	2.4720	200.0	999.95	0.00	2.4520	300.0
999.96	0.00	2.4620	400.0	999.96	-0.01	2.4520	500.0	999.95	0.00	2.4520	600.0
999.94	-0.02	2.4420	700.0	999.96	-0.01	2.4520	800.0	999.96	-0.01	2.4620	900.0
999.96	0.00	2.4620	994.7	1017.00	0.00	0.0021	020.0				

SEC NO 8.15 TIME= 170.449 HOURS WSEL= 1006.56 WIDTH= 1529.65

Z	DZ	TDZ	Y	Z	DZ	TDZ	Y	Z	DZ	TDZ	Y
1017.00	0.00	0.0019	127.0	1013.97	0.00	3.9719	143.3	1012.86	0.00	2.1619	189.4
1012.64	0.00	0.2419	218.2	1012.13	0.00	0.1319	307.1	1009.18	0.00	-1.2119	349.2
1008.61	0.00	-2.8919	396.0	1012.24	0.00	-0.0619	447.0	1006.77	0.00	-0.3319	488.7
1002.98	0.00	0.4819	515.2	1000.62	0.00	-1.8919	574.0	1000.65	0.00	-2.8519	617.6
1008.63	0.00	-1.2719	642.0	1008.77	0.00	-0.9319	698.0	1008.30	0.00	-0.5019	752.9
1001.11	0.00	-2.7919	794.5	999.19	-0.01	-0.3119	833.0	999.06	0.00	-0.4420	000.0
999.06	-0.02	-0.4420	156.0	1001.83	-0.01	-2.0720	292.0	1004.27	-0.01	-0.9320	379.0
1005.49	0.00	-2.0120	415.6	1008.41	0.00	-2.4920	433.2	1009.51	0.00	-1.6920	509.0
1006.14	0.00	-4.1620	575.2	1005.50	0.00	-1.8020	625.0	1003.71	0.00	-0.7920	679.0
1000.48	0.00	-1.5220	715.0	1000.64	0.00	-1.3620	817.0	1000.48	0.00	-1.1220	872.0
1000.94	0.00	-1.0620	972.0	1001.63	0.00	-0.8721	051.0	1003.47	0.00	0.2721	105.6
1005.52	0.00	0.6221	172.6	1005.52	0.00	-0.1821	233.0	1005.52	0.00	-0.0821	285.2
1013.82	0.00	7.7221	348.5	1014.02	0.00	0.8221	387.5	1016.70	-0.01	0.0021	414.0
1018.80	0.00	0.0021	433.0	1016.50	0.00	0.0021	451.0	1017.10	0.00	0.0021	465.0
1016.70	0.00	0.0021	479.0	1017.60	0.00	0.0021	525.0	1017.60	0.00	0.0021	579.0
1017.50	0.00	0.0021	630.0	1017.60	0.00	0.0021	764.0	1014.70	0.00	0.0022	044.0
1014.04	0.00	0.1422	093.9	1015.30	0.00	0.0022	137.0	1014.10	0.00	0.0022	165.0
1014.50	0.00	0.0022	200.0	1017.10	0.00	0.0022	272.0	1018.30	0.00	0.0022	570.0
1017.70	0.00	0.0022	863.0	1016.90	0.00	0.0022	934.0	1015.90	0.00	0.0023	050.0
1015.20	0.00	0.0023	151.0	1016.70	0.00	0.0023	193.0	1014.50	0.00	0.0023	204.0
1014.04	0.00	0.1423	283.9	1015.90	0.00	0.0023	320.0	1020.30	0.00	0.0023	330.0
1022.00	0.00	0.0023	395.0	1022.00	0.00	0.0023	482.0	1021.70	0.00	0.0023	541.0
1022.10	0.00	0.0023	630.0	1022.30	0.00	0.0023	774.0	1021.30	0.00	0.0023	874.0
1021.20	0.00	0.0023	951.0								

SEC NO 8.32 TIME= 170.449 HOURS WSEL= 1008.03 WIDTH= 1546.44

Z	DZ	TDZ	Y	Z	DZ	TDZ	Y	Z	DZ	TDZ	Y
1020.00	0.00	0.0019	097.0	1014.72	0.00	1.1219	111.2	1014.22	0.00	-0.2819	205.1
1013.91	0.00	-0.3919	306.1	1013.88	0.00	-0.4219	352.0	1011.45	0.00	1.8519	383.9
1009.24	0.00	1.2419	434.7	1008.54	0.00	0.1419	488.1	1008.38	0.00	-0.0219	559.0
1004.86	0.00	-1.4519	599.6	1004.06	0.00	-1.0419	665.0	1003.65	0.00	-1.2519	745.0
1004.02	0.00	-1.1819	775.0	1002.15	0.00	-1.7519	798.0	998.03	0.00	-0.3719	818.0
997.93	0.00	-0.4720	000.0	997.93	-0.01	-0.4720	029.0	998.92	0.00	-2.7820	073.0
999.18	-0.02	-3.1220	136.0	998.70	-0.01	-2.1020	172.0	1001.24	-0.01	-3.1620	236.3
1007.28	0.00	-1.8220	348.1	1010.07	0.00	-1.2320	439.0	1008.59	0.00	-1.3120	532.0
1006.41	0.00	-1.8920	593.9	1006.43	0.00	-1.8720	640.1	1010.30	0.00	-1.2020	713.0
1010.31	0.00	-1.1920	789.0	1010.91	0.00	-1.1920	881.0	1010.33	0.00	-1.1720	924.0
1007.28	0.00	-1.6220	989.9	1010.14	0.00	-1.1621	035.0	1008.51	0.00	-1.1921	063.0
1005.12	0.00	-1.5821	081.6	1007.11	0.00	-1.3921	131.0	1007.66	0.00	-1.5421	206.1

1008.77	0.00	-1.1321266.0	1006.89	0.00	-1.5121329.9	1004.71	-0.01	-0.8921369.7
1007.04	0.00	-1.4621426.1	1008.51	0.00	-1.0921475.0	1006.54	0.00	-1.4621561.9
1005.55	0.00	-0.5521633.7	1003.07	0.00	0.3721690.0	1003.78	0.00	1.6821726.2
1011.25	0.00	9.1521788.1	1017.10	0.00	0.0021818.0	1015.58	0.00	0.4821853.2
1018.00	0.00	0.0021924.0	1019.60	0.00	0.0021971.0	1020.10	0.00	0.0022028.0
1019.60	0.00	0.0022075.0	1018.90	0.00	0.0022200.0	1020.30	0.00	0.0022268.0
1018.80	0.00	0.0022532.0						

SEC NO 8.46 TIME= 170.449 HOURS WSEL= 1010.02 WIDTH= 2504.65

Z	DZ	TDZ	Y	Z	DZ	TDZ	Y	Z	DZ	TDZ	Y
1021.00	0.00	0.0019030.0		1021.00	0.00	0.0019042.0		1021.00	0.00	0.0019058.0	
1011.08	0.00	2.9819082.1		1009.16	0.00	0.4619148.5		1009.04	0.00	-1.0619199.3	
1008.93	0.00	-2.2719266.1		1009.19	0.00	-2.3119350.0		1008.97	0.00	-0.5319388.3	
1008.95	0.00	2.6519493.9		1008.93	0.00	1.8319584.0		1008.85	0.00	3.7519625.0	
1008.58	0.00	7.0819655.0		1008.28	0.00	7.0819675.0		1006.78	0.00	7.0819714.0	
1007.16	0.00	7.0619764.0		1007.53	-0.01	7.0319826.0		1006.62	0.00	7.0219839.0	
1004.81	-0.02	5.2119911.0		1004.81	-0.01	4.5119954.0		1004.84	-0.01	4.5420000.0	
1004.84	0.00	4.5420000.1		1004.82	0.00	1.6220054.0		1004.91	0.00	-2.3920123.1	
1006.59	0.00	-2.7120196.0		1005.11	0.00	-2.5920245.9		1005.01	0.00	-2.0920299.6	
1008.21	0.00	-2.5920400.1		1008.67	0.00	-2.4320458.1		1005.60	0.00	-5.7020543.0	
1013.62	0.00	-1.9920566.3		1014.70	0.00	-1.4020603.0		1011.51	0.00	-2.9920636.1	
1012.08	0.00	-2.0220682.8		1012.59	0.00	-1.7120719.0		1005.28	0.00	-3.9220737.9	
1010.74	0.00	-1.9620755.0		1009.70	0.00	-2.4020834.8		1007.51	-0.01	-3.2920859.5	
1010.33	0.00	-1.9720900.0		1008.07	0.00	-3.0320924.4		1005.41	0.00	-3.8920950.1	
1009.85	0.00	-2.9520979.7		1012.60	0.00	-1.7021028.0		1012.23	0.00	-1.8721080.9	
1011.29	0.00	-2.2121192.7		1005.57	0.00	-2.3321210.3		1005.67	0.00	-2.4321263.9	
1008.82	0.00	-2.8821330.6		1011.24	0.00	-1.8621424.0		1005.80	0.00	-3.7021484.6	
1005.79	0.00	-1.3121560.9		1005.87	0.00	-1.4321657.0		1007.10	0.00	-2.0021706.0	
1005.89	0.00	0.7921765.0		1005.95	0.00	-0.3521861.5		1008.56	0.00	-1.9421886.0	
1008.44	0.00	-1.9621935.0		1006.02	0.00	-1.0821982.6		1006.04	0.00	-0.2622009.0	
1008.96	0.00	2.6622131.2		1020.98	0.00	-0.9222153.0		1020.70	0.00	0.0022191.0	
1020.40	0.00	0.0022200.0		1022.30	0.00	0.0022225.0		1022.00	0.00	0.0022528.0	
1020.50	0.00	0.0022840.0		1019.90	0.00	0.0023038.0		1019.30	0.00	0.0023080.0	
1022.30	0.00	0.0023109.0									

SEC NO 8.61 TIME= 170.449 HOURS WSEL= 1012.23 WIDTH= 2515.35

Z	DZ	TDZ	Y	Z	DZ	TDZ	Y	Z	DZ	TDZ	Y
1022.00	0.00	0.0018922.0		1018.30	0.00	0.3018930.2		1006.62	0.00	-2.1819093.1	
1006.62	0.00	0.7219143.0		1006.60	0.00	-1.0019204.0		1006.61	0.00	-2.6919257.0	
1006.61	0.00	-0.9919292.0		1006.62	0.00	3.3219352.0		1006.62	0.00	1.7219410.0	
1006.62	0.00	3.4219439.0		1006.62	0.00	3.4219494.0		1006.62	0.00	-1.4819503.0	
1006.62	0.00	-2.5819580.0		1006.63	0.00	-1.4719623.0		1006.63	0.00	0.9319641.0	
1006.62	0.00	-2.2819664.0		1006.62	-0.01	-2.8819745.0		1006.63	0.00	-2.8619786.4	
1006.73	-0.02	-4.7719853.9		1006.89	-0.01	-6.6119910.1		1007.14	-0.01	-7.6620000.0	
1006.90	0.00	-6.2020081.6		1006.64	0.00	5.3420125.1		1006.49	0.00	5.2020221.0	
1005.95	0.00	1.6520270.0		1006.30	0.00	2.7020314.0		1007.44	0.00	3.4420417.1	
1009.76	0.00	-1.1420457.2		1010.60	0.00	-6.1020477.0		1011.79	0.00	-5.7120554.0	
1012.23	0.00	-4.4720605.4		1013.58	0.00	-0.5220622.0		1012.07	0.00	-2.4320669.6	
1012.14	0.00	-2.6620730.7		1014.61	0.00	0.3120790.0		1012.08	0.00	-3.1220837.3	
1011.88	0.00	-3.8220921.5		1013.82	0.00	-1.6821017.0		1014.09	-0.01	3.1921082.8	
1012.08	0.00	3.9821136.3		1011.99	0.00	4.2921227.0		1011.78	0.00	3.3821273.3	
1011.90	0.00	0.6021326.5		1012.12	0.00	-0.6821407.0		1011.87	0.00	-0.4321495.8	
1011.64	0.00	0.1421610.8		1011.08	0.00	1.1821728.6		1011.85	0.00	1.9521851.1	
1012.08	0.00	-3.2221881.6		1013.32	0.00	-3.0821933.5		1018.24	0.00	1.1421999.3	

1019.60	0.00	0.0022038.0	1020.30	0.00	0.0022082.0	1021.10	0.00	0.0022100.0
1023.30	0.00	0.0022158.0	1026.80	0.00	0.0022189.0	1023.60	0.00	0.0022214.0
1022.70	0.00	0.0022466.0	1022.70	0.00	0.0022678.0	1022.40	0.00	0.0022844.0

SEC NO 8.72 TIME= 170.449 HOURS WSEL= 1013.29 WIDTH= 2290.69

Z	DZ	TDZ Y	Z	DZ	TDZ Y	Z	DZ	TDZ Y
1023.30	0.00	0.0018500.0	1023.00	0.00	0.0018655.0	1019.10	0.00	-0.1018662.9
1009.08	0.00	-0.9218700.1	1008.19	0.00	-0.1118835.0	1008.17	0.00	0.4718914.0
1008.32	0.00	-1.5818984.0	1008.41	0.00	0.1119062.0	1008.40	0.00	1.9019177.0
1008.38	0.00	1.2819224.0	1008.37	0.00	-1.1319243.0	1008.36	0.00	-2.5419281.0
1008.37	0.00	1.0719323.0	1008.41	0.00	2.7019366.0	1008.67	0.00	1.8719466.0
1008.93	0.00	-1.8719511.6	1009.07	-0.01	-7.0319537.1	1010.17	0.00	-6.2319622.0
1010.46	-0.02	-6.0419661.0	1010.58	-0.01	-3.8219703.1	1010.47	-0.01	-1.8319754.4
1009.89	0.00	-1.0119835.8	1009.40	0.00	-2.1019897.4	1009.17	0.00	-3.9319971.4
1009.21	0.00	-5.0920000.0	1009.43	0.00	-4.1720061.7	1009.45	0.00	-2.6520134.6
1009.35	0.00	-4.2520163.0	1009.09	0.00	-0.5120207.4	1008.82	0.00	3.6220280.0
1008.48	0.00	1.7820312.0	1008.15	0.00	1.4520351.0	1008.14	0.00	1.4420414.0
1008.29	0.00	4.2920451.0	1010.16	0.00	6.1620554.0	1012.11	0.00	4.9120613.0
1012.96	0.00	2.1620688.4	1013.36	0.00	0.5620754.1	1013.70	-0.01	0.9020841.3
1014.51	0.00	2.4120916.8	1014.60	0.00	3.1021009.8	1013.61	0.00	2.9121081.7
1013.25	0.00	4.1521209.9	1013.23	0.00	4.0321331.0	1013.22	0.00	3.7221424.3
1013.43	0.00	-1.7721463.5	1013.94	0.00	-3.9521504.2	1015.25	0.00	-1.4521554.3
1015.15	0.00	-0.3521592.6	1015.72	0.00	-0.1821641.8	1016.49	0.00	-0.3121707.1
1016.43	0.00	-2.3721741.3	1019.50	0.00	0.0021787.0	1019.50	0.00	0.0021829.0
1015.74	0.00	-3.3621891.1	1013.94	0.00	-3.3521947.9	1014.02	0.00	-4.6821974.2
1014.50	0.00	-1.6021985.2	1014.87	0.00	-1.2321998.4	1016.35	0.00	-0.4522037.2
1016.64	0.00	-0.6622098.0	1016.20	0.00	-1.1022101.3	1022.90	0.00	0.0022167.0
1026.90	0.00	0.0022202.0	1025.40	0.00	0.0022243.0	1024.20	0.00	0.0022473.0
1024.00	0.00	0.0022688.0	1023.90	0.00	0.0022874.0	1022.00	0.00	0.0023118.0
1022.00	0.00	0.0023197.0						

SEC NO 8.85 TIME= 170.449 HOURS WSEL= 1014.59 WIDTH= 2622.58

Z	DZ	TDZ Y	Z	DZ	TDZ Y	Z	DZ	TDZ Y
1024.30	0.00	0.0018470.0	1021.30	0.00	0.0018476.0	1008.44	0.00	0.4418572.2
1007.72	0.00	-1.3818630.0	1007.79	0.00	-1.5118665.0	1007.89	0.00	-2.8118679.0
1008.30	0.00	-1.7018722.0	1008.57	0.00	-0.2318750.0	1009.12	0.00	0.2218814.0
1009.43	0.00	-3.4718850.0	1009.55	0.00	-2.0518864.0	1009.93	0.00	-2.3718914.0
1010.37	0.00	-1.7219003.0	1010.32	0.00	-0.8819069.0	1009.86	0.00	1.1619169.0
1009.82	0.00	2.1219213.0	1010.08	-0.01	-1.6219238.0	1011.63	0.00	-0.3719300.0
1012.50	-0.02	-2.7019357.0	1013.00	-0.01	-1.0019411.0	1013.13	-0.01	1.0319434.0
1013.34	0.00	-0.6619472.0	1013.61	0.00	-1.9919531.0	1013.78	0.00	-2.2219591.0
1013.88	0.00	-1.2219640.0	1014.09	0.00	0.3919678.0	1015.16	0.00	2.0619698.0
1014.01	0.00	-0.4919776.0	1014.21	0.00	0.1119851.0	1015.17	0.00	1.6719883.0
1014.34	0.00	-0.3619939.0	1014.10	0.00	-0.2020000.0	1014.18	0.00	1.6820107.0
1015.35	0.00	4.5520166.0	1013.79	0.00	1.2920215.0	1012.95	0.00	-0.6520267.0
1010.99	0.00	0.4920353.0	1009.04	0.00	1.0420428.0	1008.53	-0.01	0.5320858.0
1014.78	0.00	-0.9220907.7	1022.80	0.00	0.0020940.0	1022.90	0.00	0.0020998.0
1021.50	0.00	0.0021116.0	1020.80	0.00	0.0021170.0	1023.50	0.00	0.0021239.0
1018.06	0.00	-2.0421277.0	1016.81	0.00	-1.2921298.6	1014.58	0.00	-0.6221362.8
1014.10	0.00	2.0021397.0	1013.85	0.00	0.6521431.0	1013.70	0.00	1.7021453.0
1012.83	0.00	0.8321525.0	1012.68	0.00	0.6821599.0	1012.85	0.00	0.8521663.0
1014.48	0.00	2.4821722.9	1024.00	0.00	0.0021765.0	1021.10	0.00	0.0021823.0
1013.43	0.00	-4.4721861.4	1010.99	0.00	-8.3121886.1	1010.56	0.00	-9.3421900.0
1010.56	0.00	-7.7421900.0	1020.50	0.00	2.2021918.3	1021.10	0.00	0.0021977.0

1022.80	0.00	0.0022030.0	1024.20	0.00	0.0022106.0

SEC NO 8.98 TIME= 170.449 HOURS WSEL= 1015.76 WIDTH= 2313.43

Z	DZ	TDZ Y	Z	DZ	TDZ Y	Z	DZ	TDZ Y
1025.30	0.00	0.0018356.0	1023.30	0.00	0.0018360.0	1021.09	0.00	7.0918438.3
1010.23	0.00	-1.6718461.1	1010.22	0.00	1.3218504.0	1010.23	0.00	-0.1718578.0
1010.23	0.00	-2.2718659.0	1011.62	0.00	-2.2818706.0	1010.23	0.00	-2.0718754.0
1015.08	0.00	-2.4218794.1	1016.29	0.00	-2.5118852.0	1016.44	0.00	-2.4618918.0
1010.23	0.00	-0.0718947.9	1010.23	0.00	0.3318989.0	1010.23	0.00	-0.0719051.0
1010.80	0.00	-2.7019104.0	1011.68	-0.01	-2.6219165.0	1014.15	0.00	-2.3519290.0
1014.75	-0.02	-2.3519363.0	1014.74	-0.01	-2.3619455.0	1015.64	-0.01	-2.4619575.0
1014.90	0.00	-2.4019674.0	1011.92	0.00	-2.8819726.0	1013.44	0.00	-2.5619743.0
1012.39	0.00	-2.8119836.0	1010.23	0.00	-3.0719943.0	1010.23	0.00	-3.0720000.0
1010.23	0.00	-1.8720151.0	1009.91	0.00	-0.1920210.0	1009.78	0.00	2.5820241.0
1009.78	0.00	2.5820272.0	1009.86	0.00	1.1620304.0	1009.86	0.00	2.2620322.0
1009.87	0.00	2.2720570.0	1013.63	0.00	-0.0720590.0	1011.43	0.00	-0.5720628.0
1010.58	0.00	-3.3220660.2	1021.90	0.00	0.0020698.0	1022.10	-0.01	0.0020743.0
1022.30	0.00	0.0020792.0	1023.10	0.00	0.0020859.0	1024.40	0.00	0.0020951.0
1025.00	0.00	0.0021032.0	1023.90	0.00	0.0021061.0	1020.88	0.00	-0.0221112.0
1022.40	0.00	0.0021148.0	1021.09	0.00	-0.0121203.0	1016.06	0.00	-3.6521238.9
1016.21	0.00	-0.5921263.3	1017.46	0.00	-0.5421281.4	1018.75	0.00	-0.4521311.0
1015.49	0.00	-1.0121320.2	1017.29	0.00	0.1921374.0	1017.49	0.00	0.2921400.0
1011.93	0.00	-0.0721437.6	1012.57	0.00	0.5721472.0	1012.77	0.00	0.7721560.0
1018.28	0.00	-2.7221597.1	1018.60	0.00	0.6021599.0	1015.51	0.00	-0.9921626.9
1022.00	0.00	0.0021674.0	1021.30	0.00	0.0021710.0	1018.28	0.00	-2.2221775.4
1018.75	0.00	0.7521803.5	1019.23	0.00	-0.8721816.7	1021.25	0.00	0.8521843.5
1021.76	0.00	2.4621860.5	1021.69	0.00	2.3921881.6	1023.30	0.00	0.0021907.0
1022.80	0.00	0.0021968.0	1022.90	0.00	0.0022019.0	1028.60	0.00	0.0022043.0
1024.20	0.00	0.0022059.0	1026.40	0.00	0.0022069.0	1026.60	0.00	0.0022290.0

SEC NO 9.10 TIME= 170.449 HOURS WSEL= 1016.52 WIDTH= 2124.21

Z	DZ	TDZ Y	Z	DZ	TDZ Y	Z	DZ	TDZ Y
1026.30	0.00	0.0018234.0	1026.60	0.00	0.0018320.0	1026.60	0.00	0.0018440.0
1026.60	0.00	0.0018573.0	1023.60	0.00	0.0018579.0	1011.93	0.00	-0.7718649.5
1011.93	0.00	0.3318700.0	1011.93	0.00	1.5318749.0	1011.93	0.00	0.3318792.0
1011.93	0.00	-2.7718915.0	1012.34	0.00	-3.3618992.0	1011.92	0.00	-4.0819090.0
1015.68	0.00	-4.0219101.0	1011.92	0.00	-3.6819108.0	1011.92	0.00	-1.3819161.0
1011.92	0.00	-2.4819218.0	1011.92	-0.01	-1.9819280.0	1011.92	0.00	-1.2819348.0
1011.92	-0.02	-0.8819443.0	1011.93	-0.01	-1.1719506.0	1011.92	-0.01	-1.3819620.0
1011.92	0.00	-1.7819725.0	1011.92	0.00	-0.9819797.0	1011.93	0.00	0.0319834.0
1011.92	0.00	-2.8819879.0	1012.11	0.00	-3.3919925.0	1012.10	0.00	-3.4019966.0
1011.93	0.00	-2.3720000.0	1011.93	0.00	-1.6720041.0	1011.93	0.00	-0.3820084.0
1011.92	0.00	-1.0820131.0	1011.93	0.00	-2.0720224.0	1011.92	0.00	3.3220254.0
1011.92	0.00	4.7220312.0	1012.55	0.00	5.3520371.0	1013.42	0.00	5.2220432.0
1013.61	0.00	5.2120523.0	1013.63	0.00	5.2320631.0	1014.43	-0.01	4.0320713.6
1018.45	0.00	1.2520775.7	1018.46	0.00	-0.5420839.6	1020.36	0.00	-0.7420930.3
1020.22	0.00	-1.6821047.9	1020.31	0.00	-1.0921131.8	1020.37	0.00	-1.6321293.2
1022.80	0.00	0.0021413.0	1023.10	0.00	0.0021526.0	1024.00	0.00	0.0021577.0
1023.90	0.00	0.0021625.0	1023.60	0.00	0.0021703.0	1023.60	0.00	0.0021801.0
1024.70	0.00	0.0021900.0	1025.10	0.00	0.0021965.0	1025.40	0.00	0.0022021.0
1026.00	0.00	0.0022040.0	1026.70	0.00	0.0022091.0	1026.80	0.00	0.0022186.0
1026.40	0.00	0.0022301.0	1026.40	0.00	0.0022394.0	1029.00	0.00	0.0022465.0

SEC NO 9.26 TIME= 170.449 HOURS WSEL= 1017.73 WIDTH= 2420.24

Z	DZ	TDZ	Y	Z	DZ	TDZ	Y	Z	DZ	TDZ	Y
1028.20	0.00	0.0019078.0		1018.93	0.00	1.7319099.5		1013.25	0.00	4.5519200.0	
1012.95	0.00	4.5519323.0		1014.36	0.00	3.9619436.0		1016.80	0.00	3.3019508.0	
1016.63	0.00	3.0319536.2		1017.67	0.00	0.3719577.1		1017.67	0.00	0.0719635.0	
1017.66	0.00	1.6619665.2		1017.66	0.00	-1.2419707.6		1017.69	0.00	-2.6119799.0	
1017.69	0.00	-2.6119900.0		1017.69	0.00	-2.6120000.0		1017.68	0.00	-0.9220049.3	
1016.61	0.00	2.2120128.4		1016.16	-0.01	3.4620169.0		1015.92	0.00	3.5220208.0	
1014.47	-0.02	3.8720271.0		1013.24	-0.01	4.1420310.0		1009.07	-0.01	5.4720362.0	
1009.07	0.00	5.4720420.0		1011.78	0.00	4.7820455.0		1013.13	0.00	4.4320503.0	
1014.31	0.00	2.8120564.0		1014.32	0.00	1.3220624.0		1014.32	0.00	0.1220669.0	
1014.29	0.00	-0.8120706.0		1014.31	0.00	1.1120728.1		1014.40	0.00	-2.6020763.5	
1015.83	0.00	-2.7820805.8		1012.48	0.00	-8.1220844.5		1025.16	0.00	-0.4520862.0	
1024.70	0.00	-1.3020898.0		1010.85	0.00	-5.1520917.1		1014.37	0.00	-1.6321472.0	
1014.93	0.00	-1.0721566.7		1019.60	0.00	-3.8021617.2		1020.18	-0.01	-3.4221721.3	
1024.30	0.00	0.0021832.0		1026.60	0.00	0.0021899.0		1039.90	0.00	0.0021944.0	
1026.40	0.00	0.0021978.0		1027.90	0.00	0.0022071.0		1027.50	0.00	0.0022152.0	
1035.00	0.00	0.0022165.0		1038.00	0.00	0.0022203.0		1029.80	0.00	0.0022244.0	
1028.00	0.00	0.0022345.0		1027.20	0.00	0.0022382.0		1028.60	0.00	0.0022420.0	
1026.80	0.00	0.0022440.0		1027.90	0.00	0.0022481.0		1027.60	0.00	0.0022613.0	
1026.60	0.00	0.0022741.0		1025.90	0.00	0.0022846.0		1027.60	0.00	0.0023072.0	
1027.60	0.00	0.0023185.0		1026.80	0.00	0.0023255.0		1027.50	0.00	0.0023320.0	
1029.00	0.00	0.0023400.0		1028.70	0.00	0.0023453.0		1028.10	0.00	0.0023607.0	
1028.10	0.00	0.0023727.0		1027.70	0.00	0.0023778.0					

SEC NO 9.38 TIME= 170.449 HOURS WSEL= 1019.43 WIDTH= 3007.73

Z	DZ	TDZ	Y	Z	DZ	TDZ	Y	Z	DZ	TDZ	Y
1029.30	0.00	0.0019110.0		1029.20	0.00	0.0019180.0		1025.19	0.00	-0.0119187.9	
1023.44	0.00	-1.4619240.8		1011.44	0.00	0.9419288.2		1011.37	0.00	2.2719324.0	
1009.92	0.00	4.0219372.0		1011.65	0.00	3.9519435.0		1012.37	0.00	3.9719482.0	
1014.35	0.00	3.9519509.0		1018.37	0.00	-0.5319788.0		1018.39	0.00	0.6919800.0	
1018.39	0.00	0.0919829.0		1018.38	0.00	-1.9219878.0		1018.60	0.00	-2.9019928.0	
1018.39	0.00	-2.7120001.0		1018.62	-0.01	-2.8920098.0		1018.62	0.00	-2.8820151.0	
1018.41	-0.02	-1.8920188.0		1018.41	-0.01	-0.6920204.0		1018.42	-0.01	-1.1820229.7	
1020.72	0.00	-2.6820265.0		1019.04	0.00	-3.3620290.6		1018.41	0.00	-1.8920343.7	
1018.42	0.00	1.3220422.0		1018.43	0.00	-1.3720453.0		1018.44	0.00	-2.2620484.5	
1020.24	0.00	-2.7620503.0		1018.44	0.00	1.0420527.5		1018.44	0.00	-0.5620574.0	
1018.44	0.00	-1.3620635.1		1018.96	0.00	-2.8420665.0		1018.47	0.00	0.6720687.9	
1018.44	0.00	-0.7620723.4		1019.81	0.00	-2.7920748.0		1018.45	0.00	2.4520782.6	
1014.48	0.00	-1.5222150.4		1028.00	0.00	0.0022292.0		1027.40	-0.01	0.0022300.0	
1027.90	0.00	0.0022364.0		1037.60	0.00	0.0022383.0		1036.90	0.00	0.0022428.0	
1032.40	0.00	0.0022511.0		1031.90	0.00	0.0022530.0		1012.61	0.00	-0.9922561.6	
1017.93	0.00	4.3322592.0		1017.45	0.00	4.4522593.0		1016.70	0.00	3.7022676.5	
1022.27	0.00	-2.3322701.0		1019.51	0.00	-1.6922722.2		1027.10	0.00	0.0022760.0	
1028.00	0.00	0.0022810.0		1030.30	0.00	0.0022834.0		1028.80	0.00	0.0022883.0	
1029.60	0.00	0.0022982.0									

SEC NO 9.54 TIME= 170.449 HOURS WSEL= 1021.33 WIDTH= 2596.05

Z	DZ	TDZ	Y	Z	DZ	TDZ	Y	Z	DZ	TDZ	Y
1030.00	0.00	0.0019077.0		1030.00	0.00	0.0019157.0		1026.11	0.00	0.0119164.8	
1022.25	0.00	-2.8519199.4		1020.61	0.00	1.5119236.3		1020.48	0.00	1.3819280.4	
1021.51	0.00	1.2119317.0		1016.31	0.00	8.2119366.6		1015.65	0.00	9.1519403.0	

1015.95	0.00	9.0519427.0	1017.66	0.00	8.4619453.0	1020.51	0.00	6.2119496.0
1020.47	0.00	3.7719540.0	1020.47	0.00	3.1719589.0	1020.50	0.00	3.6019600.0
1020.50	0.00	2.9019629.0	1020.57	-0.01	1.3719797.0	1020.46	0.00	2.1619895.0
1020.45	-0.02	3.7519930.0	1020.47	-0.01	6.8719960.0	1020.46	-0.01	7.0619996.0
1020.45	0.00	7.0620000.0	1020.48	0.00	5.4820029.0	1013.63	0.00	-3.0720116.0
1026.06	0.00	-0.1420143.0	1015.09	0.00	-5.7120177.6	1020.45	0.00	0.9520206.6
1020.47	0.00	2.6720254.9	1020.39	0.00	1.7920304.7	1021.45	0.00	0.4520339.5
1021.48	0.00	-0.5220352.0	1021.46	0.00	-0.0420410.7	1021.45	0.00	-0.1520476.0
1021.49	0.00	0.4920518.7	1021.47	0.00	0.4720550.0	1020.38	0.00	2.0820557.3
1020.44	0.00	3.0420580.0	1020.45	0.00	4.0520617.2	1020.43	-0.01	0.8320624.5
1020.39	0.00	-0.6120706.4	1021.42	0.00	-4.5820719.0	1020.77	0.00	0.5720726.3
1021.47	0.00	1.1720788.0	1021.02	0.00	1.0220836.9	1020.42	0.00	2.5220886.7
1020.41	0.00	4.0120928.0	1020.43	0.00	4.6320960.0	1020.42	0.00	3.0221001.0
1020.43	0.00	2.2321062.0	1020.43	0.00	1.3321133.0	1020.50	0.00	1.3021185.0
1020.43	0.00	3.6221229.0	1019.16	0.00	7.6621277.0	1018.65	0.00	7.8521322.0
1019.38	0.00	7.5821357.0	1020.40	0.00	6.2021379.0	1019.52	0.00	7.5221413.0
1016.66	0.00	8.4621439.0	1010.15	0.00	4.3521461.0	1010.11	0.00	1.7121516.0
1010.22	0.00	-7.2921549.4	1016.02	0.00	-6.7821563.0	1014.95	0.00	-7.0521616.7
1011.17	0.00	-7.9321670.8	1010.12	0.00	-6.2821728.2	1015.31	0.00	-6.6921871.0
1010.30	0.00	-6.9021892.8	1012.28	0.00	-6.4221935.0	1010.16	0.00	-4.4421972.0
1010.22	0.00	-4.3822010.4	1031.10	0.00	0.0022176.0	1030.20	0.00	0.0022194.0
1028.30	0.00	0.0022199.0	1029.00	0.00	0.0022211.0	1029.90	0.00	0.0022268.0

SEC NO 9.66 TIME= 170.449 HOURS WSEL= 1022.35 WIDTH= 2075.33

Z	DZ	TDZ	Y	Z	DZ	TDZ	Y	Z	DZ	TDZ	Y
1031.00	0.00	0.0019040.0		1031.00	0.00	0.0019122.0		1021.21	0.00	2.3119146.9	
1019.74	0.00	0.6419193.1		1021.78	0.00	-3.7119255.0		1021.19	0.00	-3.6119350.9	
1017.45	0.00	0.6519414.0		1013.74	0.00	0.4419461.0		1013.31	0.00	0.4119488.0	
1012.88	0.00	0.3819500.0		1013.31	0.00	0.4119515.0		1015.33	0.00	0.5319552.0	
1017.15	0.00	0.4519637.0		1019.45	0.00	0.5519706.0		1020.07	0.00	0.5819772.0	
1020.29	0.00	0.5919872.0		1019.91	-0.01	0.6119987.0		1019.91	0.00	0.6120000.0	
1019.94	-0.02	0.6420177.0		1019.57	-0.01	0.6720319.0		1019.58	-0.01	0.6820371.0	
1016.78	0.00	0.6820393.0		1018.99	0.00	0.6920411.0		1018.80	0.00	0.7020446.0	
1019.99	0.00	0.6920481.0		1019.29	0.00	-0.4120579.7		1023.85	0.00	0.1520606.0	
1022.09	0.00	-0.6120645.3		1022.81	0.00	0.1120676.0		1018.55	0.00	0.5520706.9	
1016.41	0.00	0.8120757.0		1014.37	0.00	1.0720822.0		1015.49	0.00	1.0820871.0	
1016.77	0.00	0.8720920.0		1016.40	0.00	0.9020987.0		1015.32	0.00	1.2221135.0	
1015.62	0.00	2.0221254.5		1025.08	0.00	-1.3221298.0		1024.64	-0.01	0.3421362.9	
1022.83	0.00	-0.7721484.2		1023.68	0.00	0.5821613.0		1024.86	0.00	1.2621724.6	
1025.19	0.00	0.7921821.2		1025.45	0.00	-0.2521921.6		1026.03	0.00	0.1321990.9	
1026.99	0.00	1.0922063.5		1029.20	0.00	0.0022143.0		1031.20	0.00	0.0022239.0	
1030.50	0.00	0.0022277.0		1028.00	0.00	0.0022297.0		1029.10	0.00	0.0022323.0	
1031.10	0.00	0.0022340.0		1031.10	0.00	0.0022432.0		1031.90	0.00	0.0022606.0	
1032.10	0.00	0.0022735.0									

SEC NO 9.79 TIME= 170.449 HOURS WSEL= 1023.18 WIDTH= 1605.54

Z	DZ	TDZ	Y	Z	DZ	TDZ	Y	Z	DZ	TDZ	Y
1035.34	0.00	-2.3718826.0		1035.26	0.00	2.3718826.1		1031.50	0.00	0.0018902.0	
1029.49	0.00	1.0918960.6		1029.67	0.00	7.3719010.3		1028.87	0.00	6.9719055.1	
1022.80	0.00	0.3019071.9		1022.78	0.00	-2.7219121.0		1022.45	0.00	-3.8519193.1	
1027.79	0.00	0.0919236.0		1026.74	0.00	0.0419273.0		1016.56	0.00	-3.1419317.9	
1017.24	0.00	-0.0619355.0		1015.96	0.00	-0.3419423.0		1018.84	0.00	-0.0619448.0	
1019.16	0.00	-0.4419472.0		1019.36	-0.01	-0.5419498.0		1019.13	0.00	-0.5719500.0	
1019.03	-0.02	-0.9719524.3		1022.64	-0.01	0.1419604.0		1020.07	-0.01	-1.1419657.7	

1022.79	0.00	-0.1119703.0	1022.51	0.00	0.0119785.0	1022.80	0.00	-0.4019844.0
1022.67	0.00	-0.0319889.0	1022.28	0.00	-0.1219923.0	1018.68	0.00	-1.7219949.7
1018.31	0.00	-1.3920000.0	1014.78	0.00	-1.6220078.0	1013.74	0.00	-0.5620171.0
1013.49	0.00	0.2920255.0	1013.74	0.00	-0.6620335.0	1013.28	0.00	0.3820457.0
1013.28	0.00	0.3820535.0	1013.74	0.00	-0.9620600.1	1020.35	0.00	-3.1520665.0
1030.10	0.00	0.0020692.0	1027.03	0.00	-0.8720754.7	1029.90	-0.01	0.0020787.0
1030.80	0.00	0.0020888.0	1029.50	0.00	0.0020928.0	1029.60	0.00	0.0020996.0
1022.93	0.00	-3.4721017.6	1026.88	0.00	-0.4221070.0	1026.88	0.00	-0.4221122.0
1026.70	0.00	0.0021195.0	1022.79	0.00	-2.9121289.8	1023.31	0.00	-3.0921374.1
1026.95	0.00	0.0521470.0	1026.80	0.00	-0.4021555.0	1026.96	0.00	0.0621624.0
1023.08	0.00	-2.5221687.6	1023.32	0.00	-3.1821734.1	1026.82	0.00	-0.3821789.0
1023.37	0.00	-2.9321858.9	1024.26	0.00	-2.0421910.6	1025.33	0.00	-1.0721986.8
1026.83	0.00	0.5322115.7	1027.88	0.00	1.4822257.2	1029.29	0.00	3.2922385.1
1029.60	0.00	3.6022438.9	1030.80	0.00	0.0022465.0	1030.80	0.00	0.0022480.0
1030.00	0.00	0.0022487.0	1031.60	0.00	0.0022504.0	1033.10	0.00	0.0022569.0
1033.50	0.00	0.0022605.0	1035.60	0.00	0.0022673.0	1036.00	0.00	0.0022737.0
1036.00	0.00	0.0022858.0						

SEC NO 9.87 TIME= 170.449 HOURS WSEL= 1023.71 WIDTH= 1696.40

Z	DZ	TDZ	Y	Z	DZ	TDZ	Y	Z	DZ	TDZ	Y
1035.90	0.00	0.0018744.0		1033.70	0.00	0.0018748.0		1032.90	0.00	0.0018806.0	
1032.30	0.00	0.0018863.0		1032.40	0.00	0.0018922.0		1028.33	0.00	0.8318980.8	
1030.40	0.00	0.0018991.0		1030.40	0.00	0.0019031.0		1022.43	0.00	0.1319048.7	
1023.20	0.00	-0.9019078.0		1022.93	0.00	-0.1719127.0		1023.13	0.00	-0.9719156.0	
1023.05	0.00	-2.8519210.0		1023.13	0.00	-2.8719242.0		1022.67	0.00	0.5719285.1	
1021.93	0.00	0.4319300.1		1020.91	-0.01	0.0119340.0		1021.33	0.00	0.0319385.0	
1021.49	-0.02	-0.1119501.0		1022.49	-0.01	-0.3119596.0		1022.28	-0.01	-0.0219633.0	
1019.37	0.00	-1.1319671.0		1022.41	0.00	-0.0919747.0		1022.42	0.00	-1.9819809.0	
1022.42	0.00	-1.6819874.0		1022.00	0.00	-1.2019998.0		1022.15	0.00	-1.1520000.0	
1014.60	0.00	-4.2020056.0		1011.73	0.00	-1.1720141.0		1011.43	0.00	0.3320184.0	
1011.71	0.00	-0.1920272.0		1011.87	0.00	-0.8320347.0		1011.88	0.00	-0.4220432.0	
1011.98	0.00	-1.2220512.0		1010.66	0.00	-5.2420572.8		1030.80	0.00	0.0020630.0	
1032.50	0.00	0.0020680.0		1036.10	0.00	0.0020717.0		1036.90	-0.01	0.0020800.0	
1039.60	0.00	0.0020870.0		1038.65	0.00	-0.6620936.0		1029.93	0.00	0.6320948.0	
1028.23	0.00	-1.0720959.7		1032.00	0.00	0.0020991.0		1031.30	0.00	0.0021078.0	
1030.50	0.00	0.0021164.0		1031.70	0.00	0.0021449.0		1022.97	0.00	-4.6321694.9	
1023.94	0.00	-2.0621799.6		1023.11	0.00	-3.5921819.7		1028.12	0.00	-0.9821878.3	
1032.90	0.00	0.0021998.0		1032.80	0.00	0.0022165.0		1032.40	0.00	0.0022233.0	
1029.58	0.00	-0.0222261.0		1030.80	0.00	0.0022343.0		1031.10	0.00	0.0022370.0	
1031.10	0.00	0.0022380.0		1023.41	0.00	-3.8922393.7		1025.78	0.00	-2.3222462.7	
1028.37	0.00	0.6722581.7		1031.90	0.00	0.0022598.0		1031.84	0.00	-0.0622615.0	
1030.53	0.00	0.9322617.5		1030.49	0.00	0.8922619.5		1030.50	0.00	0.9022629.5	
1034.00	0.00	0.0022652.0		1034.50	0.00	0.0022721.0		1035.30	0.00	0.0022787.0	
1035.60	0.00	0.0022800.0									

SEC NO 10.00 TIME= 170.449 HOURS WSEL= 1024.36 WIDTH= 1476.32

Z	DZ	TDZ	Y	Z	DZ	TDZ	Y	Z	DZ	TDZ	Y
1037.70	0.00	0.0018800.0		1036.90	0.00	0.0018848.0		1036.10	0.00	0.0018885.0	
1036.10	0.00	0.0018930.0		1034.10	0.00	0.0018992.0		1032.96	0.00	4.2619031.5	
1032.89	0.00	4.1919061.1		1031.93	0.00	3.9319095.3		1027.80	0.00	3.9019107.5	
1022.93	0.00	-0.2719138.2		1022.93	0.00	-0.6719165.0		1022.93	0.00	-2.6619199.0	
1022.93	0.00	-2.6619200.0		1022.93	0.00	-1.8719256.0		1022.93	0.00	-1.8719334.0	
1022.93	0.00	-2.2719392.0		1022.92	-0.01	-1.8819441.0		1018.35	0.00	-3.6519464.3	
1018.30	-0.02	-2.5019479.0		1018.63	-0.01	-2.5719524.0		1013.35	-0.01	-4.2519563.0	

1015.34	0.00	-3.8619616.0	1017.50	0.00	-4.6019697.6	1019.90	0.00	-3.4019754.1
1022.69	0.00	-2.1119830.0	1022.75	0.00	-2.1519865.0	1022.93	0.00	-4.9719905.0
1022.93	0.00	-3.4719964.0	1016.25	0.00	-6.5520007.4	1019.93	0.00	-3.6720047.0
1015.11	0.00	-6.8920101.3	1011.00	0.00	0.2020133.0	1011.01	0.00	-0.6920179.0
1010.97	0.00	1.2720221.0	1010.73	0.00	3.0320233.0	1010.96	0.00	2.0620329.0
1010.95	0.00	0.6520330.0	1011.02	0.00	0.1220388.0	1010.96	-0.01	-2.2420458.0
1014.30	0.00	-6.6020537.7	1021.63	0.00	-1.9720575.9	1026.29	0.00	-0.2120621.1
1024.23	0.00	-6.0720663.7	1032.90	0.00	0.0020717.0	1033.20	0.00	0.0020753.0
1039.20	0.00	0.0020782.0	1031.92	0.00	-0.0820809.0	1025.21	0.00	-6.6820858.7
1032.04	0.00	-0.0620929.0	1033.20	0.00	0.0021000.0	1033.10	0.00	0.0021110.0
1032.70	0.00	0.0021261.0	1031.94	0.00	-0.0621412.0	1032.80	0.00	0.0021547.0
1026.85	0.00	-5.0521621.5	1032.80	0.00	0.0021690.0	1027.80	0.00	-2.9021712.8
1027.88	0.00	-3.0221750.6	1032.56	0.00	1.2621801.0	1032.63	0.00	-1.2721801.1
1028.15	0.00	-3.7521810.9	1032.07	0.00	-0.0321853.0	1031.96	0.00	-0.0421968.0
1028.86	0.00	-2.4422068.5	1030.93	0.00	-0.3722203.9	1031.34	0.00	0.1422342.0
1031.98	0.00	0.8822471.5	1032.90	0.00	1.7022602.0	1032.76	0.00	1.2622710.3
1032.83	0.00	0.0022723.0						

SEC NO 10.06 TIME= 170.449 HOURS WSEL= 1024.56 WIDTH= 454.70

Z	DZ	TDZ	Y	Z	DZ	TDZ	Y	Z	DZ	TDZ	Y
1035.80	0.00	0.00	1000.0	1035.00	0.00	0.00	1350.0	1033.00	0.00	0.00	1450.0
1030.00	0.00	0.00	1700.0	1035.00	0.00	0.00	2000.0	1042.00	0.00	0.00	2250.0
1044.40	0.00	0.00	2477.0	1035.00	0.00	0.00	2478.0	992.19	0.00	-17.81	2575.1
986.46	0.00	-23.54	2600.0	986.46	0.00	-23.54	2600.1	986.46	0.00	-23.54	2620.0
986.46	0.00	-23.54	2640.0	986.46	0.00	-23.54	2660.0	986.46	0.00	-23.54	2680.0
986.46	0.00	-23.54	2700.0	986.46	-0.01	-23.53	2715.0	986.46	0.00	-23.54	2730.0
986.46	-0.02	-23.54	2750.0	986.46	-0.01	-23.54	2780.0	986.46	-0.01	-23.54	2858.0
995.47	0.00	-14.53	2885.0	1035.00	0.00	0.00	2982.0	1043.00	0.00	0.00	2983.0
1037.50	0.00	0.00	3300.0	1033.00	0.00	0.00	3500.0	1031.50	0.00	0.00	3595.0
1031.60	0.00	0.00	3704.0	1031.50	0.00	0.00	3745.0	1031.50	0.00	0.00	3770.0
1031.00	0.00	0.00	3813.0	1029.80	0.00	0.00	4021.0	1029.60	0.00	0.00	4177.0
1030.40	0.00	0.00	4360.0	1031.20	0.00	0.00	4420.0	1031.60	0.00	0.00	4497.0
1031.90	0.00	0.00	4525.0	1032.20	0.00	0.00	4718.0	1032.60	-0.01	0.00	4883.0
1033.40	0.00	0.00	5065.0	1034.00	0.00	0.00	5180.0	1035.00	0.00	0.00	5298.0
1036.30	0.00	0.00	5499.0	1037.50	0.00	0.00	5622.0				

SEC NO 10.20 TIME= 170.449 HOURS WSEL= 1024.56 WIDTH= 1193.09

Z	DZ	TDZ	Y	Z	DZ	TDZ	Y	Z	DZ	TDZ	Y
1038.70	0.00	0.0018021.0		1044.20	0.00	0.0018045.0		1045.40	0.00	0.0018073.0	
1036.00	0.00	0.0018112.0		1036.20	0.00	0.0018226.0		1036.20	0.00	0.0018385.0	
1037.10	0.00	0.0018476.0		1036.30	0.00	0.0018558.0		1034.88	0.00	-0.5218712.6	
1034.08	0.00	-0.9218864.1		1036.00	0.00	0.0018987.0		1036.00	0.00	0.0019075.0	
1037.00	0.00	0.0019161.0		1036.20	0.00	0.0019266.0		1035.90	0.00	0.0019360.0	
1035.90	0.00	0.0019464.0		1021.84	-0.01	-0.4619511.4		1020.78	0.00	-0.6219540.0	
1019.56	-0.02	0.4619560.0		1020.72	-0.01	0.3219619.0		1022.33	-0.01	-1.8719698.1	
1022.31	0.00	-2.7919719.7		1028.95	0.00	-0.4519739.1		1029.69	0.00	-0.3119785.1	
1030.57	0.00	-0.0319833.0		1032.00	0.00	0.0019848.0		1031.90	0.00	0.0019894.0	
1032.00	0.00	0.0019976.0		1032.39	0.00	-0.0120000.0		1031.60	0.00	0.0020053.0	
1016.30	0.00	-1.9020093.1		1012.99	0.00	-0.8120186.0		1012.41	0.00	-1.3920494.3	
1024.13	0.00	-2.4720552.0		1034.19	0.00	-0.9120584.0		1033.65	0.00	-1.5520614.2	
1034.88	0.00	-0.5220654.0		1029.78	0.00	-1.3220705.3		1025.97	-0.01	-1.2320730.5	
1019.50	0.00	-0.5020749.6		1020.34	0.00	0.3420862.0		1020.50	0.00	0.5021035.0	
1020.59	0.00	0.5921122.0		1020.63	0.00	0.6321161.0		1022.92	0.00	0.7221170.0	
1024.19	0.00	0.3921218.2		1025.56	0.00	-0.2421231.0		1024.56	0.00	-1.3421301.1	

1037.80	0.00	0.0021355.0	1037.80	0.00	0.0021390.0	1029.72	0.00	-1.2821415.9
1029.87	0.00	-0.8321629.0	1029.55	0.00	-1.2521701.1	1036.40	0.00	0.0021719.0
1029.76	0.00	-1.2421742.9	1029.88	0.00	-0.4221903.0	1029.92	0.00	0.3222020.0
1029.22	0.00	-1.1822030.1	1036.80	0.00	0.0022061.0	1036.30	0.00	0.0022080.0
1029.90	0.00	-1.2022114.9	1029.92	0.00	-0.4822232.0	1029.54	0.00	-1.1722394.1
1036.70	0.00	0.0022415.0	1029.43	0.00	-0.9722448.7	1030.01	0.00	-0.9922534.0
1030.61	0.00	-0.3922722.7	1037.90	0.00	0.0022760.0	1037.90	0.00	0.0022798.0
1035.64	0.00	0.0022811.0						

SEC NO 10.38 TIME= 170.449 HOURS WSEL= 1025.46 WIDTH= 1064.77

Z	DZ	TDZ	Y	Z	DZ	TDZ	Y	Z	DZ	TDZ	Y
1038.20	0.00	0.0018334.0		1039.80	0.00	0.0018530.0		1039.20	0.00	0.0018580.0	
1038.60	0.00	0.0018701.0		1037.10	0.00	0.0018876.0		1033.98	0.00	-0.6219019.7	
1032.92	0.00	-0.6919096.8		1033.35	0.00	-1.6519257.5		1037.10	0.00	0.0019295.0	
1038.40	0.00	0.0019360.0		1026.38	0.00	-1.0219383.7		1026.95	0.00	-1.2519436.0	
1027.16	0.00	-1.2419471.0		1026.71	0.00	-1.2919500.0		1028.23	0.00	-1.1719542.0	
1026.21	0.00	-0.9919614.0		1022.49	-0.01	-0.6119652.3		1021.89	0.00	-1.2119684.0	
1026.45	-0.02	-1.0519719.0		1028.84	-0.01	-1.1619787.0		1026.07	-0.01	-1.1319814.0	
1024.17	0.00	-1.0319923.0		1023.05	0.00	-1.2519976.0		1022.06	0.00	-1.4420000.0	
1019.23	0.00	-1.9720049.0		1013.51	0.00	-1.8920118.0		1013.09	0.00	-1.1120158.0	
1013.38	0.00	-1.4220275.0		1014.69	0.00	-2.5120348.0		1013.72	0.00	-4.4820433.3	
1037.00	0.00	0.0020600.0		1037.00	0.00	0.0020601.0		1037.00	0.00	0.0020602.0	
1037.00	0.00	0.0020603.0		1037.00	0.00	0.0020604.0		1024.68	0.00	-2.8220764.7	
1027.92	0.00	-0.3820796.0		1018.58	0.00	-1.4220821.0		1018.68	-0.01	-1.3220895.0	
1018.83	0.00	-1.1720998.0		1020.42	0.00	0.4221080.2		1030.56	0.00	-0.4421102.0	
1029.02	0.00	-0.1821128.0		1029.14	0.00	0.1421175.8		1030.23	0.00	-0.0721259.9	
1032.38	0.00	2.1821299.2		1032.61	0.00	-3.2921300.3		1035.24	0.00	0.0421330.9	
1043.10	0.00	0.0021358.0		1042.30	0.00	0.0021402.0					

SEC NO 10.56 TIME= 170.449 HOURS WSEL= 1026.65 WIDTH= 1422.85

Z	DZ	TDZ	Y	Z	DZ	TDZ	Y	Z	DZ	TDZ	Y
1040.00	0.00	0.0018430.0		1036.39	0.00	-0.3118497.8		1036.17	0.00	-0.5318549.0	
1036.17	0.00	-0.6318647.0		1034.38	0.00	-0.8218758.5		1034.36	0.00	-0.6418889.0	
1034.38	0.00	-0.6218954.3		1035.18	0.00	-1.1318981.4		1037.10	0.00	-0.5019039.0	
1036.16	0.00	-0.9419102.9		1032.72	0.00	-1.2819150.2		1033.75	0.00	-0.2519224.0	
1028.33	0.00	0.4319240.2		1024.32	0.00	0.0219294.1		1026.79	0.00	-0.0119355.0	
1028.91	0.00	-0.0919387.0		1028.49	-0.01	-0.1119458.0		1024.48	0.00	-0.2219487.0	
1029.93	-0.02	-0.0719512.0		1029.92	-0.01	-0.0719584.0		1026.27	-0.01	-0.1319667.0	
1025.57	0.00	-0.2319761.0		1022.52	0.00	-0.6819936.0		1021.43	0.00	-0.8719997.0	
1020.50	0.00	-1.0020000.0		1023.38	0.00	-0.6220017.0		1019.98	0.00	-1.1220055.0	
1019.92	0.00	-1.1820114.0		1023.77	0.00	-0.6320123.0		1021.62	0.00	-0.9820172.0	
1016.14	0.00	-1.8620205.0		1016.35	0.00	-1.8520226.0		1014.77	0.00	-2.3320385.0	
1015.49	0.00	-2.1120452.0		1017.69	0.00	-1.7120482.0		1021.21	0.00	-1.0920538.0	
1023.26	0.00	-0.7420576.0		1022.82	0.00	-0.7820619.0		1019.30	-0.01	-1.3020627.0	
1019.40	0.00	-1.2020715.0		1022.91	0.00	-0.6920753.0		1024.21	0.00	-0.4920786.0	
1024.35	0.00	-0.4520833.0		1027.53	0.00	-1.5720852.0		1028.09	0.00	-2.3120941.0	
1028.83	0.00	-2.2721010.0		1027.56	0.00	-1.8421052.0		1028.32	0.00	-2.2821102.0	
1026.72	0.00	-0.0821145.0		1027.05	0.00	-0.0421185.0		1025.45	0.00	-0.1521250.0	
1025.55	0.00	0.0521299.9		1028.01	0.00	-1.4021347.9		1045.40	0.00	0.0021377.0	
1044.60	0.00	0.0021399.0									

SEC NO 10.74 TIME= 170.449 HOURS WSEL= 1027.88 WIDTH= 1633.67

Z	DZ	TDZ	Y	Z	DZ	TDZ	Y	Z	DZ	TDZ	Y
1040.60	0.00	0.0018	919.0	1040.70	0.00	0.0019	024.0	1035.92	0.00	-1.2819	082.1
1031.90	0.00	-1.9019	162.2	1051.10	0.00	0.0019	191.0	1051.60	0.00	0.0019	271.0
1042.70	0.00	0.0019	286.0	1044.38	0.00	-0.3219	364.0	1031.08	0.00	-1.6219	382.3
1022.94	0.00	1.3419	426.6	1020.02	0.00	2.2119	477.0	1020.02	0.00	2.2119	513.0
1018.98	0.00	2.2819	528.0	1018.98	0.00	2.2819	581.0	1021.14	0.00	2.1419	615.0
1017.37	0.00	2.3719	635.0	1020.77	-0.01	2.1719	664.0	1017.94	0.00	2.3419	688.0
1018.69	-0.02	2.2919	747.0	1024.07	-0.01	-1.7319	772.0	1025.54	-0.01	-1.8619	802.0
1024.26	0.00	-1.7419	857.0	1023.43	0.00	-1.6719	881.0	1022.11	0.00	-2.4919	927.5
1032.12	0.00	-1.8819	961.0	1026.90	0.00	-1.3019	987.4	1036.03	0.00	-3.9720	000.0
1029.35	0.00	-3.8520	052.9	1027.87	0.00	-2.5420	104.9	1030.49	0.00	-2.2120	144.2
1032.02	0.00	-1.8820	206.0	1021.48	0.00	-1.5220	243.5	1019.45	0.00	2.2520	277.0
1021.14	0.00	2.1420	385.0	1021.48	0.00	0.2820	433.0	1025.63	0.00	-1.8720	448.0
1022.68	0.00	-1.6220	515.0	1020.96	0.00	2.1620	533.0	1018.51	-0.01	2.3120	577.0
1023.80	0.00	-1.7020	633.0	1024.57	0.00	-1.8220	721.0	1026.53	0.00	-2.1720	763.1
1028.97	0.00	-2.0320	785.0	1021.47	0.00	0.6720	816.8	1021.48	0.00	0.6820	889.0
1021.48	0.00	-1.5220	915.0	1022.04	0.00	-1.5620	950.0	1021.48	0.00	0.7820	983.0
1021.48	0.00	0.3821	054.0	1021.48	0.00	-0.9221	144.0	1021.48	0.00	-0.8221	241.0
1021.48	0.00	-0.8221	279.0	1021.48	0.00	-1.5221	302.1	1043.80	0.00	0.0021	349.0
1041.10	0.00	0.0021	354.0	1041.10	0.00	0.0021	370.0	1045.50	0.00	0.0021	385.0
1044.20	0.00	0.0021	425.0								

SEC NO 10.89 TIME= 170.449 HOURS WSEL= 1028.42 WIDTH= 1789.28

Z	DZ	TDZ	Y	Z	DZ	TDZ	Y	Z	DZ	TDZ	Y
1048.60	0.00	0.0019	091.0	1053.20	0.00	0.0019	099.0	1048.30	0.00	0.0019	108.0
1051.80	0.00	0.0019	229.0	1053.40	0.00	0.0019	264.0	1022.48	0.00	-0.5219	310.8
1020.38	0.00	1.5819	343.0	1021.35	0.00	1.5519	388.0	1023.25	0.00	-1.0519	440.0
1015.85	0.00	2.4519	477.0	1015.85	0.00	2.4519	503.0	1023.16	0.00	-1.0419	546.0
1020.88	0.00	0.2819	565.0	1020.89	0.00	-0.6119	665.0	1027.92	0.00	-1.1819	696.0
1027.64	0.00	-1.4619	715.2	1032.05	-0.01	-1.3519	739.0	1028.53	0.00	-1.4719	765.8
1028.79	-0.02	-1.2119	800.0	1020.90	-0.01	-0.3019	827.0	1020.91	-0.01	-0.2919	880.0
1028.03	0.00	-1.1719	909.0	1028.33	0.00	-1.1720	001.0	1027.86	0.00	-1.6520	022.3
1033.31	0.00	-1.2920	044.0	1024.43	0.00	-1.5620	063.7	1020.93	0.00	0.6320	083.0
1020.93	0.00	0.6320	135.0	1022.62	0.00	-0.8820	161.0	1022.93	0.00	-0.8720	252.0
1023.00	0.00	-0.9020	322.0	1027.67	0.00	-1.9320	344.0	1020.95	0.00	0.9520	355.0
1020.96	0.00	0.9620	418.2	1032.06	0.00	-1.3420	469.0	1027.00	0.00	-1.4020	479.8
1025.43	0.00	-0.9720	585.0	1025.41	0.00	-0.9920	752.0	1030.19	-0.01	-1.3120	789.0
1029.01	0.00	-2.4920	815.0	1021.58	0.00	0.5820	826.0	1021.14	0.00	0.1421	254.1
1041.10	0.00	0.0021	293.0	1040.00	0.00	0.0021	300.0	1043.40	0.00	0.0021	343.0
1042.40	0.00	0.0021	377.0	1046.30	0.00	0.0021	407.0	1045.00	0.00	0.0021	449.0
1043.20	0.00	0.0021	557.0	1041.20	0.00	0.0021	827.0	1041.00	0.00	0.0022	095.0
1040.80	0.00	0.0022	346.0	1041.90	0.00	0.0022	534.0	1042.60	0.00	0.0022	647.0
1043.20	0.00	0.0022	720.0								

SEC NO 11.04 TIME= 170.449 HOURS WSEL= 1028.92 WIDTH= 1566.50

Z	DZ	TDZ	Y	Z	DZ	TDZ	Y	Z	DZ	TDZ	Y
1047.40	0.00	0.0018	617.0	1047.00	0.00	0.0018	700.0	1045.90	0.00	0.0018	838.0
1045.80	0.00	0.0018	979.0	1045.50	0.00	0.0019	161.0	1044.70	0.00	0.0019	273.0
1019.43	0.00	-1.5719	368.9	1023.35	0.00	-1.2519	448.0	1028.68	0.00	-0.7219	548.1
1032.31	0.00	-0.3919	715.0	1032.62	0.00	-0.3819	818.0	1031.27	0.00	-0.5319	841.0
1038.79	0.00	-0.0119	854.0	1026.29	0.00	-1.2119	881.9	1026.62	0.00	-1.1819	913.1
1032.25	0.00	-0.4519	929.0	1029.52	-0.01	-0.7819	934.0	1032.24	0.00	-0.4619	986.0
1032.69	-0.02	-0.4120	000.0	1032.68	-0.01	-0.4220	032.0	1015.29	-0.01	-2.5220	067.9

1014.05	0.00	-1.7520138.0	1014.03	0.00	-1.7720213.0	1014.00	0.00	-1.8020258.0
1016.92	0.00	-3.0820275.0	1015.87	0.00	-3.1320329.0	1013.47	0.00	-0.5320362.0
1013.47	0.00	-0.5320444.0	1022.65	0.00	-2.1520481.0	1025.04	0.00	-1.6620577.1
1035.73	0.00	-0.1720619.0	1022.17	0.00	-2.0320700.9	1022.19	0.00	-2.0120723.0
1026.05	0.00	-1.3520789.0	1028.01	0.00	-0.9920885.0	1027.56	0.00	-1.0420917.0
1023.49	0.00	-1.6120951.0	1029.11	0.00	-0.7920996.0	1021.34	-0.01	-1.8621007.0
1021.39	0.00	-1.8121043.0	1027.67	0.00	-0.9321099.0	1026.78	0.00	-1.0221141.7
1030.66	0.00	-0.5421194.4	1036.10	0.00	-0.1021222.0	1043.00	0.00	0.0021271.0
1042.40	0.00	0.0021292.0	1042.70	0.00	0.0021300.0	1044.80	0.00	0.0021370.0
1047.40	0.00	0.0021420.0	1024.91	0.00	-0.9921491.9	1017.36	0.00	-1.6421553.0
1022.84	0.00	-1.0621632.0	1027.81	0.00	-0.5921693.9	1031.08	0.00	-0.3221755.2
1037.47	0.00	-0.0321824.0	1041.00	0.00	0.0021878.0	1047.10	0.00	0.0021931.0
1049.10	0.00	0.0021990.0	1047.60	0.00	0.0022068.0	1051.20	0.00	0.0022146.0
1051.40	0.00	0.0022294.0	1048.20	0.00	0.0022412.0	1045.20	0.00	0.0022508.0
1046.30	0.00	0.0022595.0	1043.80	0.00	0.0022639.0			