

P H A S E S  
P H A S E S  
Environmental

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March 27, 1995

Ms. Sandra Auvigne  
Pacific Automotive and Electric  
105 Weddell  
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**PHASE II**  
**ENVIRONMENTAL SITE ASSESSMENT**  
333 Montgomery Street  
San Jose, California

**CONFIDENTIALITY NOTICE**

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**BACKGROUND**

A Phase I Environmental Site Assessment was performed on this property and identified as the primary concern was the lack of concern on the tenants part for general housekeeping practices. Records showed a history of problems and concerns regarding housekeeping and while no direct evidence of contamination at the subject site was observed, the possibility of contamination due to poor housekeeping was great enough to warrant further investigation.

The site is located in an environmentally high risk area of San Jose with a long history of heavy development. There is significant documented soil and groundwater contamination due to petroleum hydrocarbons as well as polynuclear aromatic hydrocarbons, acetone, and mixtures of hydrocarbon compounds in the area to the south in and surrounding the San Jose Arena, formerly the site of a GT&E coal gasification plant.

This report presents the results of March 1995 installation of five temporary borings which were drilled to determine any presence and the horizontal and vertical extent of contamination if any. Site location maps are located in Appendix A.

*Phases Environmental is General Engineering Contractor #A-681152 with Hazardous Substance Removal Certificates.  
Phases Environmental is a wholly owned subsidiary of The Dardanelle Corporation, a California Corporation.*

## SCOPE OF WORK PERFORMED

1. No boring permits were required from the Santa Clara Valley Water District as all boring depths were under 45' below ground surface (bgs). All borings were drilled to the soil/water interface by Gregg Drilling (C-57 # 485-165) of Martinez, California using an 8" diameter hollow stem auger. Ground water was encountered between 15 and 25 feet bgs in all borings.
2. Soil samples were collected at 2' bgs, at 5' bgs, then at 5 foot intervals and at the soil/water interface and transported under chain of custody to a California Department of Health Services certified lab for testing and analysis. Grab water samples in the first two borings were collected. All samples were collected using standard sample collection protocol (see Appendix B). Soil samples collected at the 2' and 5' levels from each boring were composited into one by the laboratory and all composite samples and groundwater grab samples were run for:

Compound	EPA Method - Soil	EPA Method - Water
Total Recoverable Hydrocarbons	418.1	418.1
TPH as Gasoline	8015	5030
Purgeable Aromatics	8020	602
Purgeable Halocarbons	8010	601
Poly Nuclear Aromatics	8100	610
pH	9045	9045

3. All collected samples were held in cold storage at the laboratory. If contamination was found, individual soil samples would have been run.
4. Determination of groundwater levels were attempted to roughly establish gradient and direction.
5. All borings were tremie grouted and filled with neat cement in accordance with the Santa Clara Valley Water District rules.

## SOIL BORINGS

Boring 1 was drilled to the soil-water interface (SWI) at 25'-6". Soil encountered ranged from black, organically rich at the surface and 2' bgs to mostly silty clays and fine grain sands throughout most of the boring. Samples at the 14'-6" to 20'-6" contained 10% mafic grains and large feldspar or quartz grains. Some iron or cinnabar grains were also present. No stains or odor were apparent. At the SWI augers were pulled back 2' to allow water to come up for sample collection. Water rose to 16.93'. Water in bailer was relatively clear and without sediment indicating a clean borehole. No floating product was observed.

Boring 2 was drilled to the SWI at 25'. Soil encountered was predominantly fine grain clays and sands with little to no plasticity. No stains or odor were apparent. At the SWI augers were pulled back 2' to allow water to come up for sample collection. Accurate measurement of the water table was not possible due to sluffing and caving of the fine sands and clay at the bottom of the boring. Water was measured to a level of 22.9' bgs. Water collected in the bailer contained a large amount of sediments. No floating product was observed.

*Bad water sample*

Boring 3 was drilled to the SWI at 23'. Soil ranged from possible construction fill to mostly fine grain sandy clays and silty sands. No stains or odor were apparent. Saturation was observed at the 23' level. No water sample was collected.

Boring 4 was drilled to the SWI at 20'. Soil encountered was predominantly fine grain sands and clays with little to no plasticity. Coarse sand with large, multi-colored erratics was found between 20' and 21' bgs. No stains or odor were apparent. Saturation was observed at the 23' level. No water sample was collected.

Boring 5 was drilled to the SWI at 20'6". Soil encountered ranged from black, organically rich at the surface and 2' bgs to mostly silty clays and fine grain sands throughout most of the boring. Some iron or cinnabar grains were also present at the 19'6" to 20'-6". No stains or odor were apparent. No water sample was collected.

Complete boring logs are located in Appendix C, site photographs are located in Appendix E.

### SOIL TESTING RESULTS

Soil samples were tested for pH, TPH-Gasoline, BTEX, Poly Nuclear Aromatics, Purgeable Halocarbons and Total Recoverable Hydrocarbons. Results were as follows:

Sample ID	pH	Gasoline (mg/Kg)	Benzene (ug/Kg)	Toluene (ug/Kg)	Ethyl Benzene (ug/Kg)	Total Xylene (ug/Kg)
SB1-2',5'	8.6	N.D.	N.D.	N.D.	N.D.	N.D.
SB1-20'	7.0	N.D.	N.D.	N.D.	N.D.	N.D.
SB2-2',5'	8.7	N.D.	N.D.	N.D.	N.D.	N.D.
SB3-2',5'	7.4	N.D.	N.D.	N.D.	N.D.	N.D.
SB4-2',5'	8.0	N.D.	N.D.	N.D.	N.D.	N.D.
SB5-2',5'	8.2	N.D.	N.D.	N.D.	N.D.	N.D.

Sample ID	Poly Nuclear Aromatics (ug/Kg)	Purgeable Halocarbons (ug/Kg)	Total Recoverable Hydrocarbons (mg/Kg)
SB1-2',5'	N.D.	N.D.	N.D.
SB1-20'	N.D.	N.D.	N.D.
SB2-2',5'	N.D.	N.D.	N.D.
SB3-2',5'	N.D.	N.D.	N.D.
SB4-2',5'	N.D.	N.D.	N.D.
SB5-2',5'	N.D.	N.D.	N.D.

Complete laboratory results and chain of custodies are located in Appendix D.

## WATER TESTING RESULTS

Grab groundwater samples were collected from Borings #1 and #2. The samples were documented on a chain-of-custody and transported to a California Department of Health Services (DHS) certified laboratory.

Samples were analyzed for pH, TPH-Gasoline, BTEX, Poly Nuclear Aromatics, Purgeable Halocarbons and Total Recoverable Hydrocarbons. Results were as follows:

Sample ID	pH	Gasoline (mg/Kg)	Benzene (mg/Kg)	Toluene (mg/Kg)	Ethyl Benzene (mg/Kg)	Total Xylene (mg/Kg)
SB1-Grab	7.0	N.D.	N.D.	N.D.	N.D.	N.D.
SB2-Grab	7.2	N.D.	N.D.	N.D.	N.D.	N.D.
Sample ID	Poly Nuclear Aromatics (ug/Kg)		Purgeable Halocarbons (ug/Kg)		Total Recoverable Hydrocarbons (mg/Kg)	
SB1-Grab	N.D.		N.D.		N.D.	
SB2-Grab	N.D.		N.D.		N.D.	

Complete laboratory results and chain of custodies are located in Appendix D; site photos are located in Appendix E.

## GROUNDWATER ELEVATION DATA

As stated above, attempts to accurately measure the depth to groundwater were thwarted due to the tendency of the borings to cave and sluff when augers were pulled out. The water in Boring #1 appeared to be closer to the surface than that in Boring #2. Surface gradient confirms this observation.

## CONCLUSIONS & RECOMMENDATIONS

1. All samples - shallow, soil-water interface (including the most suspect sample based on field reconnaissance methods) and groundwater grab - tested non-detect (ND) for the tested compounds.
2. Since the results are ND for all tested samples it may be safe to infer a level of ND for the rest of the individual samples due to horizontal and vertical attenuation geometries.
3. This study was conducted with specific knowledge of the subsurface conditions beneath the actual borings only. Test results suggest that any contamination on site is extremely localized to areas approximately 14' x 18' (based on likely contaminant movement within the known sampling point radius) and has not migrated beyond 2' bgs or apparently impacted groundwater. It would appear from these test results that the level of risk of environmental impact from the tentants activities to the site is low.
4. Based on these results no further investigation is recommended. The owner and parties involved should now determine their level of comfort with environmental risk and make their own independent judgement as to whether any areas of uncertainty remain that would indicate further environmental work.

## LIMITATIONS AND EXCLUSIONS

This study was conducted with specific knowledge of the subsurface conditions beneath the actual borings only. The conclusions and professional opinions presented herein were based on the evaluation of technical information made available, and meet the standards of care of our industry at this time. The information obtained from reviews reflects the contents of available files at the time of review. No other warranty, expressed or implied, is made as to the conclusions and recommendations included in this report.

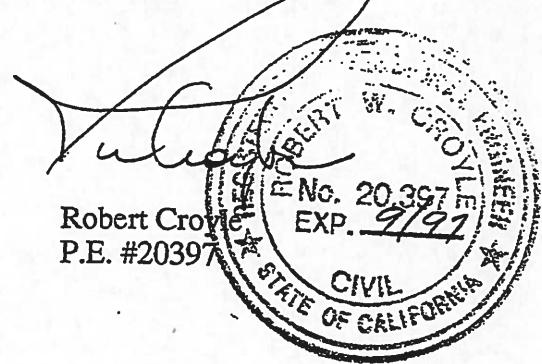
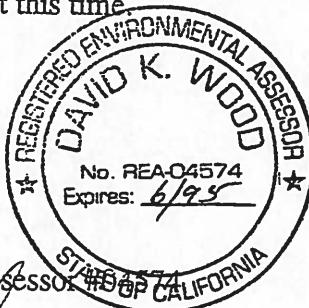
Phases Environmental shall not be responsible for conditions or consequences arising from relevant facts that were withheld, concealed or not fully disclosed at the time the evaluation was performed. Conditions at the project site will change with time due to natural processes and/or the works of man. Accordingly, the findings of this report apply to the present conditions only.

Phases Environmental has no control over the accuracy of information provided by outside consultants, contractors, and agencies and therefore disclaims responsibility for any inaccuracies incurred. Also, Phases Environmental accepts no responsibility for verifying compliance with government regulations for hazardous materials and waste use or storage at the subject site. We are confident that within the client's limitations and parameters, and the time constraints provided, that the level of work meets, or exceeds, the standard of care of our profession and industry at this time.

Respectfully submitted,

David K. Wood  
Project Manager/Geologist  
Registered Environmental Assessor #50874

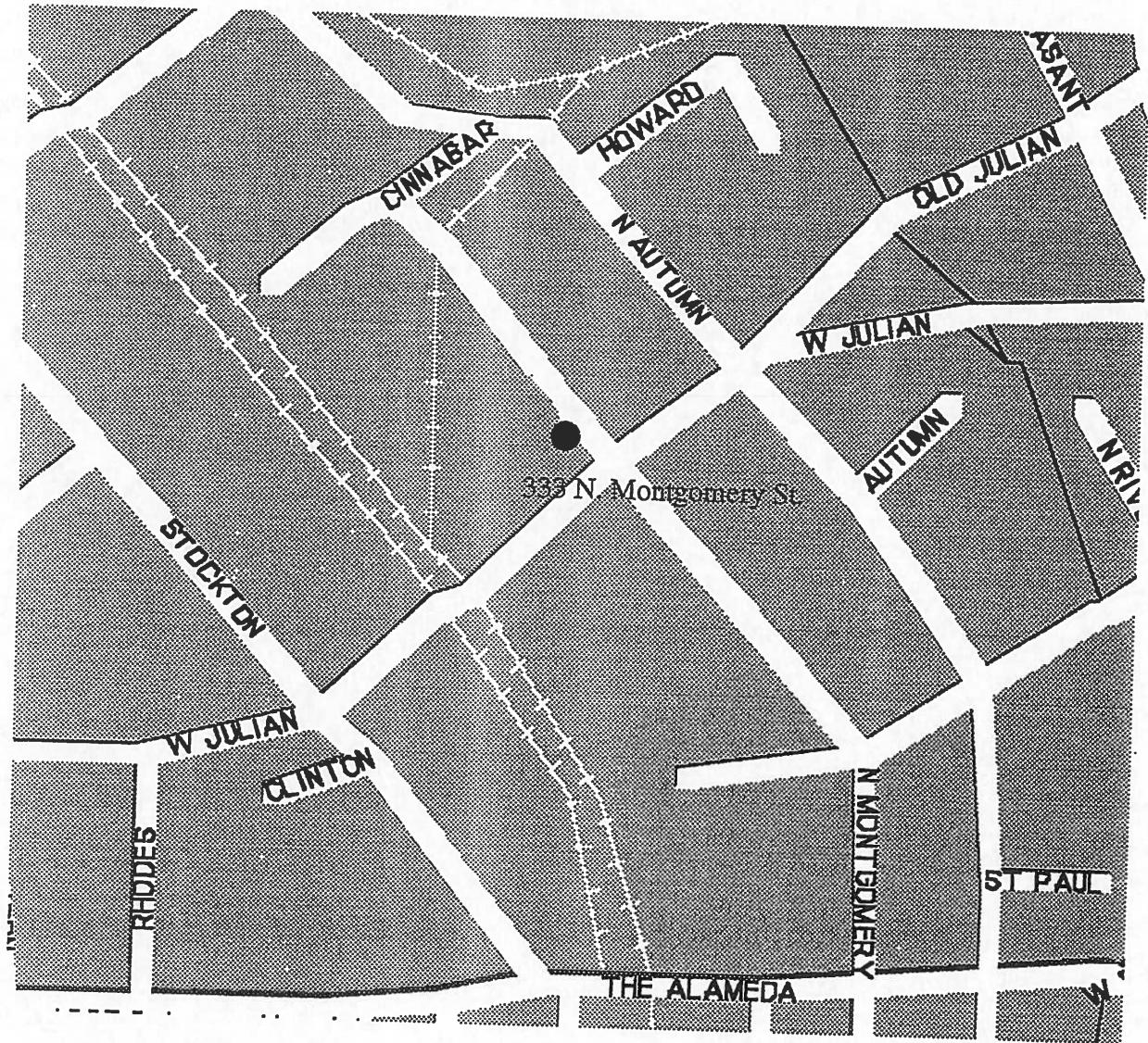
Eileen Hartsell  
Field Studies/Research



## Appendices

**APPENDIX A**

**Site Location Map**  
**Temporary Boring Location Map**



DeLorme Mapping  
Street Atlas USA™  
Version 2.0

Scale: 1:6,000

Building

Concrete Apron

B4

Exposed, Sunken Electrical Conduit



Cracked, Broken Concrete

Storm Drain

B1

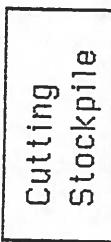


Cracked, Broken Asphalt with Water

Parking Area

Aboveground Hoist

Fence Along Property Line  
B3



B5

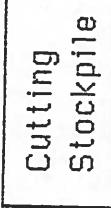


Figure 2 Detailed Site Map With Boring Locations

333 N. Montgomery Street  
San Jose, CA

PHASES ENVIRONMENTAL

C. George 3/21/95

0 14 Feet



● = Boring Location

SCALE



NORTH

## **APPENDIX B**

**Soil Sampling Protocol  
Groundwater Sampling Protocol**

### **Soil Sampling Protocol**

After the California Split Spoon or similar soil sampler is driven to the desired depth and the samples are retrieved, each end of the ring containing the soil sample to be retained for laboratory analysis will be sealed with Teflon sheeting, covered with plastic end caps, and sealed with PBC tape. All sample containers (tubes and end caps) will be clean and dry prior to use. The soil samples recovered in the ring just above the sample retained for chemical analysis will be examined in the field for visual and olfactory indications of chemical contamination and used for lithologic description.

The Unified Soil Classification System (USCS) will be used to log and describe the soil by the on-site geologist. These logs will also include details of the sampling process such as depth, apparent odors, discoloration, and any other factors which may be required to evaluate the presence of contamination at the site.

To prevent cross contamination between samples, the sampler is washed prior to each sampling using the "three bucket" wash system. This system involves:

1. Washing the split-spoon sampler in a TSP and water solution.
2. Rinsing sampler in tap water.
3. Rinsing sampler in distilled water.

To maintain the integrity of each soil sample the following procedures will be performed. After extraction soil samples will be:

1. Collected in 6-inch brass sample tubes.
2. Sealed with foil or Teflon caps and then covered with a plastic cap.
3. Properly labeled and documented on chain of custody forms.
4. Placed in cooler and chilled on blue ice.
5. Delivered to state certified laboratory.

All soil samples are stored chilled at the laboratory for 30 days in anticipation of the need for subsequent analysis.

### **Groundwater Sampling**

The groundwater in the borings will be sampled as follows:

1. The static water level in each well will be measured to the nearest 0.01 foot using an electronic water level indicator.
2. A clear bailer will be utilized to inspect for, and measure if found, any free floating product.
3. Water samples will be collected using a bailer and clean laboratory-supplied sample containers. The containers will be sealed, labeled, and placed on ice for transportation to a California certified laboratory for analyses as requested by regulatory agencies for appropriate suspect contamination. Standard chain-of-custody documentation for samples will be maintained. To prevent cross contamination of groundwater samples by the sampling equipment, all equipment used in sampling will be washed with a trisodium phosphate solution, triple rinsed with distilled water, and allowed to air dry prior to each use. A sample of the distilled water used in the final rinse will be retained for analysis as part of sample quality assurance.

## **APPENDIX C**

### **Soil Boring Logs**

Boring Log    Boring #1

1 of 5

Client Sandra Auvigne				Date 3/16/95
Location 333 Montgomery				Site Map
Driller Gregg Drilling C-57 #485-165				SEE SITE MAP
Method HSA	Sampler E. Hartsell			
Logger D. Wood	Permit #			
Inspector --	Agency			
Sample *	Depth	Blows per 6 in.	Moisture	USCS
B1-2'	2' - 3'	7 12 14	slightly damp	OH
B1-5'	4'-6" to 6'-6"	8 8 10	slightly moist	SM SC
B1-10'	9'-6" to 10'-6"	2 2 3	moist	CL
B1-15'	14'-6" to 15'-6"	7 17 25	wet	SW
B1-20'	19' to 20'-6"	6 7 10	saturated	SW
B1-25'	24' to 25'-6"	2 5 10	saturated	CH
Description of Subsurface Materials		Completion Data		
B1-2' 0-2' - Dk. black organically rich. 2' - lt. gray mottled tan, very fine sandy, silty clay, low plasticity, moderately dense. No stain or odor.		PID - 1.8 / FID - 0		
B1-5' lt. gray mottled tan; silty, clayey, very fine grain sand, sub to well rounded quartz w/feldspar to occasional mafic grains, poorly graded, medium dense. No stain or odor.		PID - 2.3 / FID - 0		
B1-10' lt. gray silty, clay, moderate plasticity, fine grain quartz grains, well rounded, medium stiff.. No stains or odor.		PID 2.8 / FID - 0		
B1-15' lt. tan fine grain sand w/10% mafic grains, large # feldspar grains w/lt. clay cementation occ. coarse grain clast serpentine?; iron or red cinnabar. Subrounded to angular, dense. No stain or odor.		PID 1.7 / FID 0		
B1-20' lt. tan to tan finer gr. sand w/10% mafic grains, lge # of quartz grains w/very light clay cementation. Possible serpentine grains. Iron or red cinnabar grains. Subrounded to angular, med. dense. No stain or odor.		PID 2.5 / FID 40		
B1-25' lt. tan mottled to lt. orange silty clay, iron staining, low plasticity. No odor or stain.		PID 1.9 / FID 0		
Total Depth 25'	Water Level	16.93'	Sanitary Seal	grout

Boring Log      Boring 2

2 of 5

Client	Sandra Auvigne			Date	3/16/95	
Location	333 Montgomery			Site Map		
Driller	Gregg Drilling C-57 #485-165			SEE SITE MAP		
Method	HSA	Sampler	E. Hartsell			
Logger	D. Wood	Permit #				
Inspector	--	Agency				
Sample *	Depth	Blows per 6 in.	Moisture	USCS	Description of Subsurface Materials	Completion Data
B2-2'	1'-6"	7 14	damp	OL	lt. gray, sandy, very fine grain clay, low plasticity, dense.  No odor or stain. PID - 0 / FID - 100	
	to	14				
	2'-6"					
B2-5'	4'6"	7 8	moist	ML	lt. gray to tan, clays to silty very fine to fine grain sand, subangular to subrounded quartz grains w/20% feldspar and mafic grains, med. dense.  No odor or stain PID - 0 / FID - 120	
	to	10		SC		
	5'-6"	10				
B2-10'	10	5 8	moist	ML	lt. gray sandy, silty clay, moist, low plasticity, very fine grain to silty quartz grains, feldspar degraded to clay, occas. lg. coarse grain fractioned quartz, med. dense.  No odor or stain. PID - 0 / FID - 0	
	to	10				
	11					
B2-20'	19	5 8	wet	SC	dk. gray green clayey sand, very fine grain w/ high mafic/serpentine grains. Subangular to well rounded, medium dense.  No odor or stain. PID - 0 / FID - 0	
	to	10				
	20					
B2-25	24	3 6	saturated	CL	med. tan saturated sandy clay, clay w/poorly sorted sand grains of quartz, serpentine and mafic, fine grain to coarse, iron grains and stain, low plasticity, med. dense.  No odor or stain. PID - 0 / FID - 0	
	to	6				
	25					
Total Depth	25'		Water Level	22.9	Sanitary Seal	grout

Boring Log      Boring 3

3 of 5

Client Sandra Auvigne				Date 3/16/95
Location 333 Montgomery, San Jose				Site Map
Driller Gregg Drilling - C57 #485-165				SEE SITE MAP
Method HSA	Sampler E. Hartsell			
Logger D. Wood	Permit #			
Inspector --	Agency			
Sample *	Depth	Blows per 6 in.	Moisture	USCS
B3-2'	1'-6" to 2'-6"	4 11 15	dry	GW
B3-5'	4'-6" to 5'-6"	8 10 10	dry	SW
B3-10'	9'-6" to 10'-6"	6 7 10	damp	CL
B3-15'	14'-6" to 15'-6"	7 15 20	damp	ML
B3-20'	19 to 20	5 5 6	wet	MH
B3-25'	22 to 23	2 4 5	saturated	
Total Depth	23'	Water Level	22'-6"	Sanitary Seal grout

Description of Subsurface Materials

tan clays, sand, possible kaolinite or concrete particles, fill?  
very stiff  
No odor or stain.  
PID - 0 / FID - 0

orange to tan to white. very clean fine grain sandstone w/feldspar grains & lrg qtz grains. fairly well sorted w/occ. erratic qtz grns.  
very coarse. iron staining, oxidized?  
fill sand? medium dense  
No odor or stain  
PID - 0 / FID - 0

med. gray vfg sandy clay, little plasticity, occ. very coarse grain, angular qtz & feldspar grain, stringers. white sand grains & tree root hair. medium dense  
No odor or stain.  
PID - 0 / FID - 0

med. gray fine grain clayey sand. equal mafic, feldspar, quartz, occ. lrg serpentine clasts, angular to subrounded, well sorted, dense.  
No odor and stain.  
PID - 0 / FID - 0

gray silty sand; v.f.g.; more quartzose, subangular to well rounded; well sorted, med. dense.  
No odor or stain.

PID - 0 / FID - 0

no free sample for description

Boring Log Boring 4

4 of 5

Client	Sandra Auvigne			Date	3/16/95
Location	333 Montgomery St, San Jose			Site Map	
Driller	Gregg Drilling - C57 #485-165			SEE SITE MAP	
Method	HSA	Sampler	E. Hartsell		
Logger	D. Wood	Permit #			
Inspector	--	Agency			
Sample *	Depth	Blows per 6 in.	Moisture	Description of Subsurface Materials	
B4-2'	1'-6"	4 7	damp	USCS ML	Completion Data
	to 2'-6"	7			
B4-5'	4'-6"	4 5		gray silty sand; v.f.g.; more quartzose, subangular to well rounded; well sorted, med. dense. No odor or stain. PID - 0 / FID - 0	
	to 5'-6"	6	damp		
B4-10'	9'-6"	4 5		lt. gray mottled tan; silty, clayey, very fine grain sand, sub to well rounded quartz w/feldspar to occasional mafic grains, med. dense. No stain or odor. PID - 0.6 / FID - 0	
	to 10'-6"	7	damp		
B4-20'	20'	10 15		coarse sand w/ lrg multi-colored erratics of quartz, mafic grains, iron or cinnabar. low plasticity, dense. No stain or odor. PID - 1.0 / FID 0	
	to 21'	18	saturated		
Total Depth	21'	Water Level	--	Sanitary Seal	grout

## Boring Log      Boring 5

5 of 5

Client	Sandra Auvigne			Date	3/16/95
Location	333 Montgomery, San Jose			Site Map	
Driller	Gregg Drilling - C57 #485-165			SEE SITE MAP	
Method	HSA	Sampler	E. Hartsell		
Logger	D. Wood	Permit #			
Inspector	--	Agency			
Sample #	Depth	Blows per 6 in.	Moisture	Description of Subsurface Materials	
B5-2'	1'-6" to 2'6"	10 13 17	damp	USCS OH	Dk. black organically rich. fine sandy, silty clay, low plasticity, moderately dense. No stain or odor. PID 0 / FID 0
B5-5'	4'-6" to 5'6"	7 12 12	damp	ML	tan to lt gray v.f.g. sandy, silty clay, low plasticity, iron staining, well sorted, very stiff. No stain or odor
B5-10'	9'-6" to 10'-6"	3 5 5	moist	ML	lt. gray sandy, silty clay, moist, low plasticity, very fine grain to silty quartz grains, stiff. No odor or stain.
B5-15'	14'-6" to 15'-6"	7 15 18		CL	med. to dk gray v.f.g. silty clay, fairly dense, med. plasticity, hard No odor or stain PID - 0 / FID - 0
B5-20'	19'-6" to 20'-6"	10 15 20		CL	lt. tan to tan finer gr. sand w/10% mafic grains, lge # of quartz grains w/very light clay cementation. Possible serpentine grains. Iron or red cinnabar grains. Subrounded to angular, dense. No stain or odor. PID 0 / FID 0
Total Depth	20'-6"	Water Level	-	Sanitary Seal	grout

## **APPENDIX D**

### **Laboratory Results, Chain of Custody**



# PRIORITY ENVIRONMENTAL LABS

Precision Environmental Analytical Laboratory

March 20, 1995

PEL # 9503047

PHASES ENVIRONMENTAL, INC.

Attn: David Wood

Re: Two water and six soil samples for pH, Gasoline/BTEX, and total Recoverable Hydrocarbons analyses.

Project name: Montgomery

Date sampled: Mar 16, 1995

Date submitted: Mar 16-17, 1995

Date extracted: Mar 17-20, 1995

Date analyzed: Mar 17-20, 1995

RESULTS:

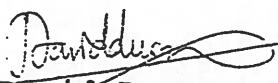
SAMPLE I.D.	pH	Gasoline (ug/L)	Benzene (ug/L)	Toluene (ug/L)	Ethyl Benzene (ug/L)	Total Xylene (ug/L)	Total Recoverable Hydrocarbons (mg/L)
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SB1-Grab	7.0	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
SB2-Grab	7.2	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
Detection Limit	0.05	50	0.5	0.5	0.5	0.5	0.5
Method of Analysis	9040	5030 / 8015	5030 / 8015	602	602	602	418.1

SAMPLE I.D.	pH	Gasoline (mg/Kg)	Benzene (ug/Kg)	Toluene (ug/Kg)	Ethyl Benzene (ug/Kg)	Total Xylene (ug/Kg)	Total Recoverable Hydrocarbons (mg/Kg)
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SB1-2',5'*	8.6	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
SB1-20'	7.0	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
SB2-2',5'*	8.7	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
SB3-2',5'*	7.4	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
SB4-2',5'*	8.0	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
SB5-2',5'*	8.2	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
Blank Spiked	7.0	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
Recovery Detection limit	---	92.2%	86.3%	87.5%	85.3%	96.4%	---
Method of Analysis	9045	10.0	5.0	5.0	5.0	5.0	10
		5030 / 8015	8020	8020	8020	8020	418.1

\*Composited soil samples.

  
 David Duong  
 Laboratory Director



# PRIORITY ENVIRONMENTAL LABS

Precision Environmental Analytical Laboratory

March 21, 1995

PEL # 9503047

PHASES ENVIRONMENTAL, INC.

Attn: David Wood

Project name: Montgomery

Sample I.D.: SB 1-Grab

Date sampled: Mar 16, 1995

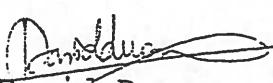
Date analyzed: Mar 17-21, 1995

Date submitted: Mar 16, 1995

Method of analysis: EPA 610

Detection limit: 1.0 ug/L

COMPOUND NAME	CONCENTRATION (ug/L)	SPIKED RECOVERY (%)
Acenaphthene	N.D.	----
Acenaphthylene	N.D.	----
Anthracene	N.D.	----
Benzo(a)anthracene	N.D.	----
Benzo(a)pyrene	N.D.	----
Benzo(b)fluoranthene	N.D.	----
Benzo(ghi)perylene	N.D.	----
Benzo(k)fluoranthene	N.D.	----
Chrysene	N.D.	----
Dibenzo(a,h)anthracene	N.D.	----
Fluoranthene	N.D.	----
Fluorene	N.D.	----
Iproto(1,2,3-cd)pyrene	N.D.	----
Naphthalene	N.D.	----
Phenanthrene	N.D.	----
Pyrene	N.D.	----

  
David Duong  
Laboratory Director



# PRIORITY ENVIRONMENTAL LABS

Precision Environmental Analytical Laboratory

March 21, 1995

PEL # 9503047

PHASES ENVIRONMENTAL, INC.

Attn: David Wood

Project name: Montgomery

Sample I.D.: SB 2-Grab

Date sampled: Mar 16, 1995

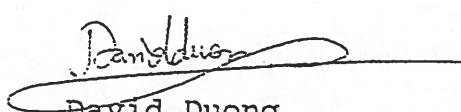
Date submitted: Mar 16, 1995

Date analyzed: Mar 17-21, 1995

Method of analysis: EPA 610

Detection limit: 1.0 ug/L

COMPOUND NAME	CONCENTRATION (ug/L)	SPIKED RECOVERY (%)
Acenaphthene	N.D.	----
Acenaphthylene	N.D.	----
Anthracene	N.D.	----
Benzo(a)anthracene	N.D.	----
Benzo(a)pyrene	N.D.	----
Benzo(b)fluoranthene	N.D.	----
Benzo(ghi)perylene	N.D.	----
Benzo(k)fluoranthene	N.D.	----
Chrysene	N.D.	----
Dibenzo(a,h)anthracene	N.D.	----
Fluoranthene	N.D.	----
Fluorene	N.D.	----
Ideeno(1,2,3-cd)pyrene	N.D.	----
Naphthalene	N.D.	----
Phenanthrenene	N.D.	----
Pyrene	N.D.	----

  
David Duong  
Laboratory Director



# PRIORITY ENVIRONMENTAL LABS

Precision Environmental Analytical Laboratory

March 21, 1995

PEL # 9503047

PHASES ENVIRONMENTAL, INC.

Attn: David Wood

Project name: Montgomery

Sample I.D.: SB 1-2', 5'

Date sampled: Mar 16-17, 1995  
Date analyzed: Mar 17-21, 1995

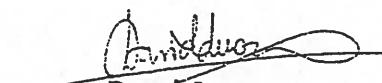
Date submitted: Mar 16-17, 1995

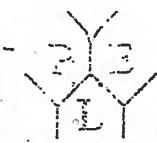
Method of analysis: EPA 8100

Detection limit: 10 ug/Kg

COMPOUND NAME	CONCENTRATION (ug/Kg)	SPIKED RECOVERY (%)
---------------	--------------------------	------------------------

Acenaphthene	N.D.	----
Acenaphthylene	N.D.	----
Anthracene	N.D.	----
Benzo(a)anthracene	N.D.	----
Benzo(a)pyrene	N.D.	----
Benzo(b)fluoranthene	N.D.	----
Benzo(ghi)perylene	N.D.	----
Benzo(k)fluoranthene	N.D.	----
Chrysene	N.D.	----
Dibenzo(a,h)anthracene	N.D.	----
Fluoranthene	N.D.	----
Fluorene	N.D.	----
Indeno(1,2,3-cd)pyrene	N.D.	----
Naphthalene	N.D.	----
Phenanthrene	N.D.	----
Pyrene	N.D.	----

  
David Duong  
Laboratory Director



# PRIORITY ENVIRONMENTAL LABS

Precision Environmental Analytical Laboratory

March 21, 1995

PEL # 9503047

PHASES ENVIRONMENTAL, INC.

Attn: David Wood

Project name: Montgomery

Sample I.D.: SB 1-2', 5'

Date sampled: Mar 16-17, 1995  
Date analyzed: Mar 17-21, 1995

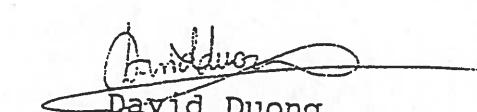
Date submitted: Mar 16-17, 1995

Method of analysis: EPA 8100

Detection limit: 10 ug/Kg

COMPOUND NAME	CONCENTRATION (ug/Kg)	SPIKED RECOVERY (%)
---------------	--------------------------	------------------------

Acenaphthene	N.D.	----
Acenaphthylene	N.D.	----
Anthracene	N.D.	----
Benzo(a)anthracene	N.D.	----
Benzo(a)pyrene	N.D.	----
Benzo(b)fluoranthene	N.D.	----
Benzo(ghi)perylene	N.D.	----
Benzo(k)fluoranthene	N.D.	----
Chrysene	N.D.	----
Dibenzo(a,h)anthracene	N.D.	----
Fluoranthene	N.D.	----
Fluorene	N.D.	----
Iproto(1,2,3-cd)pyrene	N.D.	----
Naphthalene	N.D.	----
Phenanthrene	N.D.	----
Pyrene	N.D.	----

  
David Duong  
Laboratory Director



# PRIORiTY ENVIRONMENTAL LABS

Precision Environmental Analytical Laboratory

March 21, 1995

PEL # 9503047

PHASES ENVIRONMENTAL, INC.

Attn: David Wood

Project name: Montgomery

Sample I.D.: SB 1-20'

Date sampled: Mar 16-17, 1995  
Date analyzed: Mar 17-21, 1995

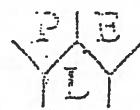
Date submitted: Mar 16-17, 1995

Method of analysis: EPA 8100

Detection limit: 10 ug/Kg

COMPOUND NAME	CONCENTRATION (ug/Kg)	SPIKED RECOVERY (%)
Acenaphthene	N.D.	----
Acenaphthylene	N.D.	----
Anthracene	N.D.	----
Benzo(a)anthracene	N.D.	----
Benzo(a)pyrene	N.D.	----
Benzo(b)fluoranthene	N.D.	----
Benzo(ghi)perylene	N.D.	----
Benzo(k)fluoranthene	N.D.	----
Chrysene	N.D.	----
Dibenzo(a,h)anthracene	N.D.	----
Fluoranthene	N.D.	----
Fluorene	N.D.	----
Ideeno(1,2,3-cd)pyrene	N.D.	----
Naphthalene	N.D.	----
Phenanthrene	N.D.	----
Pyrene	N.D.	----

  
David Duong  
Laboratory Director



## PHASES ENVIRONMENTAL LABS

Precision Environmental Analytical Laboratory

March 21, 1995

PEL # 9503047

PHASES ENVIRONMENTAL, INC.

Attn: David Wood

Project name: Montgomery

Sample I.D.: SB 2-2', 5'

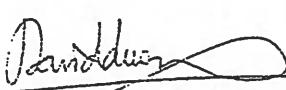
Date sampled: Mar 16-17, 1995  
Date analyzed: Mar 17-21, 1995

Date submitted: Mar 16-17, 1995

Method of analysis: EPA 8100

Detection limit: 10 ug/Kg

COMPOUND NAME	CONCENTRATION (ug/Kg)	SPIKED RECOVERY (%)
Acenaphthene	N.D.	----
Acenaphthylene	N.D.	----
Anthracene	N.D.	----
Benzo(a)anthracene	N.D.	----
Benzo(a)pyrene	N.D.	----
Benzo(b)fluoranthene	N.D.	----
Benzo(ghi)perylene	N.D.	----
Benzo(k)fluoranthene	N.D.	----
Chrysene	N.D.	----
Dibenzo(a,h)anthracene	N.D.	----
Fluoranthene	N.D.	----
Fluorene	N.D.	----
Ideeno(1,2,3-cd)pyrene	N.D.	----
Naphthalene	N.D.	----
Phenanthrrene	N.D.	----
Pyrene	N.D.	----

  
David Duong  
Laboratory Director

**P.E.L. PHASES ENVIRONMENTAL LABS**

Precision Environmental Analytical Laboratory

March 21, 1995

PEL # 9503047

PHASES ENVIRONMENTAL, INC.

Attn: David Wood

Project name: Montgomery

Sample I.D.: SB 3-2',5'

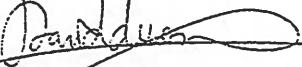
Date sampled: Mar 16-17, 1995  
Date analyzed: Mar 17-21, 1995

Date submitted: Mar 16-17, 1995

Method of analysis: EPA 8100

Detection limit: 10 ug/Kg

COMPOUND NAME	CONCENTRATION (ug/Kg)	SPIKED RECOVERY (%)
Acenaphthene	N.D.	----
Acenaphthylene	N.D.	----
Anthracene	N.D.	----
Benzo(a)anthracene	N.D.	----
Benzo(a)pyrene	N.D.	----
Benzo(b)fluoranthene	N.D.	----
Benzo(ghi)perylene	N.D.	----
Benzo(k)fluoranthene	N.D.	----
Chrysene	N.D.	----
Dibenzo(a,h)anthracene	N.D.	----
Fluoranthene	N.D.	----
Fluorene	N.D.	----
Ideeno(1,2,3-cd)pyrene	N.D.	----
Naphthalene	N.D.	----
Phenanthrene	N.D.	----
Pyrene	N.D.	----

  
David Duong  
Laboratory Director



# PRIORITY ENVIRONMENTAL LABS

Precision Environmental Analytical Laboratory

March 21, 1995

PEL # 9503047

PHASES ENVIRONMENTAL, INC.

Attn: David Wood

Project name: Montgomery

Sample I.D.: SB 4-2',5'

Date sampled: Mar 16-17, 1995

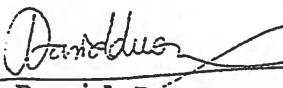
Date analyzed: Mar 17-21, 1995

Date submitted: Mar 16-17, 1995

Method of analysis: EPA 8100

Detection limit: 10 ug/Kg

COMPOUND NAME	CONCENTRATION (ug/Kg)	SPIKED RECOVERY (%)
Acenaphthene	N.D.	----
Acenaphthylene	N.D.	----
Anthracene	N.D.	----
Benzo(a)anthracene	N.D.	----
Benzo(a)pyrene	N.D.	----
Benzo(b)fluoranthene	N.D.	----
Benzo(ghi)perylene	N.D.	----
Benzo(k)fluoranthene	N.D.	----
Chrysene	N.D.	----
Dibenzo(a,h)anthracene	N.D.	----
Fluoranthene	N.D.	----
Fluorene	N.D.	----
Ideeno(1,2,3-cd)pyrene	N.D.	----
Naphthalene	N.D.	----
Phenanthrene	N.D.	----
Pyrene	N.D.	----

  
David Duong  
Laboratory Director



# PRIORITY ENVIRONMENTAL LABS

Precision Environmental Analytical Laboratory

March 21, 1995

PEL # 9503047

PHASES ENVIRONMENTAL, INC.

Attn: David Wood

Project name: Montgomery

Sample I.D.: SB 5-2', 5'

Date sampled: Mar 16-17, 1995

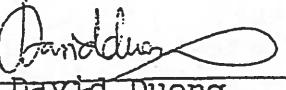
Date analyzed: Mar 17-21, 1995

Date submitted: Mar 16-17, 1995

Method of analysis: EPA 8100

Detection limit: 10 ug/Kg

COMPOUND NAME	CONCENTRATION (ug/Kg)	SPIKED RECOVERY (%)
Acenaphthene	N.D.	----
Acenaphthylene	N.D.	----
Anthracene	N.D.	----
Benzo(a)anthracene	N.D.	----
Benzo(a)pyrene	N.D.	----
Benzo(b)fluoranthene	N.D.	----
Benzo(ghi)perylene	N.D.	----
Benzo(k)fluoranthene	N.D.	----
Chrysene	N.D.	----
Dibenzo(a,h)anthracene	N.D.	----
Fluoranthene	N.D.	----
Fluorene	N.D.	----
Indeno(1,2,3-cd)pyrene	N.D.	----
Naphthalene	N.D.	----
Phenanthrene	N.D.	----
Pyrene	N.D.	----

  
\_\_\_\_\_  
David Duong  
Laboratory Director



# PRIORITY ENVIRONMENTAL LABS

Precision Environmental Analytical Laboratory

March 20, 1995

PEL # 9503047

PHASES ENVIRONMENTAL, INC.

Attn: David Wood

Project name: Montgomery

Sample I.D.: SB 1-Grab

Date Sampled: Mar 16, 1995

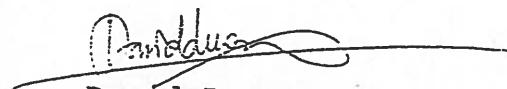
Date Submitted: Mar 16, 1995

Date Analyzed: Mar 17-20, 1995

Method of Analysis: EPA 601

Detection limit: 0.5 ug/L

COMPOUND NAME	CONCENTRATION ( ug/L )	SPIKE RECOVERY ( % )
Chloromethane	N.D.	-----
Vinyl Chloride	N.D.	-----
Bromomethane	N.D.	-----
Chloroethane	N.D.	-----
Trichlorofluoromethane	N.D.	-----
1,1-Dichloroethene	N.D.	108.8
Methylene Chloride	N.D.	-----
1,2-Dichloroethene (TOTAL)	N.D.	-----
1,1-Dichloroethane	N.D.	-----
Chloroform	N.D.	-----
1,1,1-Trichloroethane	N.D.	-----
Carbon Tetrachloride	N.D.	108.8
1,2-Dichloroethane	N.D.	-----
Trichloroethene	N.D.	107.1
1,2-Dichloropropane	N.D.	-----
Bromodichloromethane	N.D.	-----
2-Chloroethylvinylether	N.D.	-----
Trans-1,3-Dichloropropene	N.D.	-----
Cis-1,3-Dichloropropene	N.D.	-----
1,1,2-Trichloroethane	N.D.	-----
Tetrachloroethene	N.D.	-----
Dibromochloromethane	N.D.	103.8
Chlorobenzene	N.D.	-----
Bromoform	N.D.	98.9
1,1,2,2-Tetrachloroethane	N.D.	-----
1,3-Dichlorobenzene	N.D.	-----
1,4-Dichlorobenzene	N.D.	-----
1,2-Dichlorobenzene	N.D.	-----

  
David Duong  
Laboratory Director



# PHASES ENVIRONMENTAL LABS

Precision Environmental Analytical Laboratory

March 20, 1995

PEL # 9503047

PHASES ENVIRONMENTAL, INC.

Attn: David Wood

Project name: Montgomery

Sample I.D.: SB 2-Grab

Date Sampled: Mar 16, 1995

Date Submitted: Mar 16, 1995

Date Analyzed: Mar 17-20, 1995

Method of Analysis: EPA 601

Detection limit: 0.5 ug/L

COMPOUND NAME

CONCENTRATION  
( ug/L )

SPIKE RECOVERY  
( % )

Chloromethane	N.D.	-----
Vinyl Chloride	N.D.	-----
Bromomethane	N.D.	-----
Chloroethane	N.D.	-----
Trichlorofluoromethane	N.D.	-----
1,1-Dichloroethene	N.D.	-----
Methylene Chloride	N.D.	108.8
1,2-Dichloroethene (TOTAL)	N.D.	-----
1,1-Dichloroethane	N.D.	-----
Chloroform	N.D.	-----
1,1,1-Trichloroethane	N.D.	-----
Carbon Tetrachloride	N.D.	-----
1,2-Dichloroethane	N.D.	108.8
Trichloroethene	N.D.	-----
1,2-Dichloropropane	N.D.	107.1
Bromodichloromethane	N.D.	-----
2-Chloroethylvinylether	N.D.	-----
Trans-1,3-Dichloropropene	N.D.	-----
Cis-1,3-Dichloropropene	N.D.	-----
1,1,2-Trichloroethane	N.D.	-----
Tetrachloroethene	N.D.	103.8
Dibromochloromethane	N.D.	-----
Chlorobenzene	N.D.	98.9
Bromoform	N.D.	-----
1,1,2,2-Tetrachloroethane	N.D.	-----
1,3-Dichlorobenzene	N.D.	-----
1,4-Dichlorobenzene	N.D.	-----
1,2-Dichlorobenzene	N.D.	-----

David Duong  
Laboratory Director



# PRIORITY ENVIRONMENTAL LABS

Precision Environmental Analytical Laboratory

March 20, 1995

PEL # 9503047

PHASES ENVIRONMENTAL, INC.

Attn: David Wood

Project name: Montgomery

Sample I.D.: SB 1-2', 5'

Date Sampled: Mar 16-17, 1995

Date Submitted: Mar 16-17, 1995

Date Analyzed: Mar 17-20, 1995

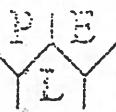
Method of Analysis: EPA 8010

Detection limit: 5.0 ug/Kg

COMPOUND NAME	CONCENTRATION ( ug/Kg )	SPIKE RECOVERY ( % )
---------------	----------------------------	-------------------------

Chloromethane	N.D.	-----
Vinyl Chloride	N.D.	-----
Bromomethane	N.D.	-----
Chloroethane	N.D.	-----
Trichlorofluoromethane	N.D.	85.5
1,1-Dichloroethene	N.D.	-----
Methylene Chloride	N.D.	-----
1,2-Dichloroethene (TOTAL)	N.D.	-----
1,1-Dichloroethane	N.D.	-----
Chloroform	N.D.	-----
1,1,1-Trichloroethane	N.D.	88.1
Carbon Tetrachloride	N.D.	-----
1,2-Dichloroethane	N.D.	-----
Trichloroethene	N.D.	-----
1,2-Dichloropropane	N.D.	86.6
Bromodichloromethane	N.D.	-----
2-Chloroethylvinylether	N.D.	-----
Trans-1,3-Dichloropropene	N.D.	-----
Cis-1,3-Dichloropropene	N.D.	-----
1,1,2-Trichloroethane	N.D.	-----
Tetrachloroethene	N.D.	89.5
Dibromochloromethane	N.D.	-----
Chlorobenzene	N.D.	90.8
Bromoform	N.D.	-----
1,1,2,2-Tetrachloroethane	N.D.	-----
1,3-Dichlorobenzene	N.D.	-----
1,4-Dichlorobenzene	N.D.	-----
1,2-Dichlorobenzene	N.D.	-----

David Duong  
Laboratory Director



## PHASES ENVIRONMENTAL LABS

Precision Environmental Analytical Laboratory

March 20, 1995

PEL # 9503047

PHASES ENVIRONMENTAL, INC.

Attn: David Wood

Project name: Montgomery

Sample I.D.: SB 1-20'

Date Sampled: Mar 16-17, 1995  
Date Analyzed: Mar 17-20, 1995

Date Submitted: Mar 16-17, 1995

Method of Analysis: EPA 8010

Detection limit: 5.0 ug/Kg

COMPOUND NAME	CONCENTRATION ( ug/Kg )	SPIKE RECOVERY ( % )
---------------	----------------------------	-------------------------

Chloromethane	N.D.	-----
Vinyl Chloride	N.D.	-----
Bromomethane	N.D.	-----
Chloroethane	N.D.	-----
Trichlorofluoromethane	N.D.	85.5
1,1-Dichloroethene	N.D.	-----
Methylene Chloride	N.D.	-----
1,2-Dichloroethene (TOTAL)	N.D.	-----
1,1-Dichloroethane	N.D.	-----
Chloroform	N.D.	88.1
1,1,1-Trichloroethane	N.D.	-----
Carbon Tetrachloride	N.D.	-----
1,2-Dichloroethane	N.D.	-----
Trichloroethene	N.D.	86.6
1,2-Dichloropropane	N.D.	-----
Bromodichloromethane	N.D.	-----
2-Chloroethylvinylether	N.D.	-----
Trans-1,3-Dichloropropene	N.D.	-----
Cis-1,3-Dichloropropene	N.D.	-----
1,1,2-Trichloroethane	N.D.	-----
Tetrachloroethene	N.D.	89.5
Dibromochloromethane	N.D.	-----
Chlorobenzene	N.D.	90.8
Bromoform	N.D.	-----
1,1,2,2-Tetrachloroethane	N.D.	-----
1,3-Dichlorobenzene	N.D.	-----
1,4-Dichlorobenzene	N.D.	-----
1,2-Dichlorobenzene	N.D.	-----

David Duong  
Laboratory Director



# PRIORITY ENVIRONMENTAL LABS

Precision Environmental Analytical Laboratory

March 20, 1995

PEL # 9503047

PHASES ENVIRONMENTAL, INC.

Attn: David Wood

Project name: Montgomery

Sample I.D.: SB 2-2', 5'

Date Sampled: Mar 16-17, 1995  
Date Analyzed: Mar 17-20, 1995

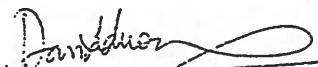
Date Submitted: Mar 16-17, 1995

Method of Analysis: EPA 8010

Detection limit: 5.0 ug/Kg

COMPOUND NAME	CONCENTRATION ( ug/Kg )	SPIKE RECOVERY ( % )
---------------	----------------------------	-------------------------

Chloromethane	N.D.	-----
Vinyl Chloride	N.D.	-----
Bromomethane	N.D.	-----
Chloroethane	N.D.	-----
Trichlorofluoromethane	N.D.	85.5
1,1-Dichloroethene	N.D.	-----
Methylene Chloride	N.D.	-----
1,2-Dichloroethene (TOTAL)	N.D.	-----
1,1-Dichloroethane	N.D.	-----
Chloroform	N.D.	88.1
1,1,1-Trichloroethane	N.D.	-----
Carbon Tetrachloride	N.D.	-----
1,2-Dichloroethane	N.D.	-----
Trichloroethene	N.D.	-----
1,2-Dichloropropane	N.D.	86.6
Bromodichloromethane	N.D.	-----
2-Chloroethylvinylether	N.D.	-----
Trans-1,3-Dichloropropene	N.D.	-----
Cis-1,3-Dichloropropene	N.D.	-----
1,1,2-Trichloroethane	N.D.	-----
Tetrachloroethene	N.D.	89.5
Dibromochloromethane	N.D.	-----
Chlorobenzene	N.D.	90.8
Bromoform	N.D.	-----
1,1,2,2-Tetrachloroethane	N.D.	-----
1,3-Dichlorobenzene	N.D.	-----
1,4-Dichlorobenzene	N.D.	-----
1,2-Dichlorobenzene	N.D.	-----

  
David Duong  
Laboratory Director



# PRIORITY ENVIRONMENTAL LABS

Precision Environmental Analytical Laboratory

March 20, 1995

PEL # 9503047

PHASES ENVIRONMENTAL, INC.

Attn: David Wood

Project name: Montgomery

Sample I.D.: SB 3-2',5'

Date Sampled: Mar 16-17, 1995

Date Submitted: Mar 16-17, 1995

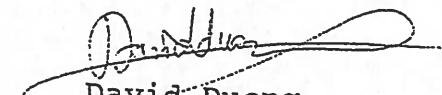
Date Analyzed: Mar 17-20, 1995

Method of Analysis: EPA 8010

Detection limit: 5.0 ug/Kg

COMPOUND NAME	CONCENTRATION ( ug/Kg )	SPIKE RECOVERY ( % )
---------------	----------------------------	-------------------------

Chloromethane	N.D.	-----
Vinyl Chloride	N.D.	-----
Bromomethane	N.D.	-----
Chloroethane	N.D.	85.5
Trichlorofluoromethane	N.D.	-----
1,1-Dichloroethene	N.D.	-----
Methylene Chloride	N.D.	-----
1,2-Dichloroethene (TOTAL)	N.D.	-----
1,1-Dichloroethane	N.D.	-----
Chloroform	N.D.	88.1
1,1,1-Trichloroethane	N.D.	-----
Carbon Tetrachloride	N.D.	-----
1,2-Dichloroethane	N.D.	-----
Trichloroethene	N.D.	86.6
1,2-Dichloropropane	N.D.	-----
Bromodichloromethane	N.D.	-----
2-Chloroethylvinylether	N.D.	-----
Trans-1,3-Dichloropropene	N.D.	-----
Cis-1,3-Dichloropropene	N.D.	-----
1,1,2-Trichloroethane	N.D.	-----
Tetrachloroethene	N.D.	89.5
Dibromochloromethane	N.D.	-----
Chlorobenzene	N.D.	90.8
Bromoform	N.D.	-----
1,1,2,2-Tetrachloroethane	N.D.	-----
1,3-Dichlorobenzene	N.D.	-----
1,4-Dichlorobenzene	N.D.	-----
1,2-Dichlorobenzene	N.D.	-----

  
David Duong  
Laboratory Director



# PRIORITY ENVIRONMENTAL LABS

Precision Environmental Analytical Laboratory

March 20, 1995

PEL # 9503047

PHASES ENVIRONMENTAL, INC.

Attn: David Wood

Project name: Montgomery

Sample I.D.: SB 4-2',5'

Date Sampled: Mar 16-17, 1995

Date Submitted: Mar 16-17, 1995

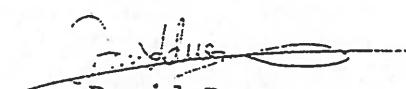
Date Analyzed: Mar 17-20, 1995

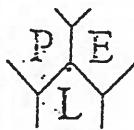
Method of Analysis: EPA 8010

Detection limit: 5.0 ug/Kg

COMPOUND NAME	CONCENTRATION ( ug/Kg )	SPIKE RECOVERY ( % )
---------------	----------------------------	-------------------------

Chloromethane	N.D.	-----
Vinyl Chloride	N.D.	-----
Bromomethane	N.D.	-----
Chloroethane	N.D.	-----
Trichlorofluoromethane	N.D.	85.5
1,1-Dichloroethene	N.D.	-----
Methylene Chloride	N.D.	-----
1,2-Dichloroethene (TOTAL)	N.D.	-----
1,1-Dichloroethane	N.D.	-----
Chloroform	N.D.	88.1
1,1,1-Trichloroethane	N.D.	-----
Carbon Tetrachloride	N.D.	-----
1,2-Dichloroethane	N.D.	-----
Trichloroethene	N.D.	86.6
1,2-Dichloropropane	N.D.	-----
Bromodichloromethane	N.D.	-----
2-Chloroethylvinylether	N.D.	-----
Trans-1,3-Dichloropropene	N.D.	-----
Cis-1,3-Dichloropropene	N.D.	-----
1,1,2-Trichloroethane	N.D.	-----
Tetrachloroethene	N.D.	89.5
Dibromochloromethane	N.D.	-----
Chlorobenzene	N.D.	90.8
Bromoform	N.D.	-----
1,1,2,2-Tetrachloroethane	N.D.	-----
1,3-Dichlorobenzene	N.D.	-----
1,4-Dichlorobenzene	N.D.	-----
1,2-Dichlorobenzene	N.D.	-----

  
David Duong  
Laboratory Director



# PRIORITY ENVIRONMENTAL LABS

Precision Environmental Analytical Laboratory

March 20, 1995

PEL # 9503047

PHASES ENVIRONMENTAL, INC.

Attn: David Wood

Project name: Montgomery

Sample I.D.: SB 5-2',5'

Date Sampled: Mar 16-17, 1995

Date Submitted: Mar 16-17, 1995

Date Analyzed: Mar 17-20, 1995

Detection limit: 5.0 ug/Kg

Method of Analysis: EPA 8010

COMPOUND NAME	CONCENTRATION ( ug/Kg )	SPIKE RECOVERY ( % )
Chloromethane	N.D.	-----
Vinyl Chloride	N.D.	-----
Bromomethane	N.D.	-----
Chloroethane	N.D.	-----
Trichlorofluoromethane	N.D.	85.5
1,1-Dichloroethene	N.D.	-----
Methylene Chloride	N.D.	-----
1,2-Dichloroethene (TOTAL)	N.D.	-----
1,1-Dichloroethane	N.D.	-----
Chloroform	N.D.	-----
1,1,1-Trichloroethane	N.D.	88.1
Carbon Tetrachloride	N.D.	-----
1,2-Dichloroethane	N.D.	-----
Trichloroethene	N.D.	-----
1,2-Dichloropropane	N.D.	86.6
Bromodichloromethane	N.D.	-----
2-Chloroethylvinylether	N.D.	-----
Trans-1,3-Dichloropropene	N.D.	-----
Cis-1,3-Dichloropropene	N.D.	-----
1,1,2-Trichloroethane	N.D.	-----
Tetrachloroethene	N.D.	-----
Dibromochloromethane	N.D.	89.5
Chlorobenzene	N.D.	-----
Bromoform	N.D.	90.8
1,1,2,2-Tetrachloroethane	N.D.	-----
1,3-Dichlorobenzene	N.D.	-----
1,4-Dichlorobenzene	N.D.	-----
1,2-Dichlorobenzene	N.D.	-----

David Duong  
Laboratory Director

PRIORITY ENVIR PEL # 9503047

SAB

INV # 25771

11764 Houret Ct. Milpitas, CA. 95035 Tel: 408-265-1000

PROJECT MOR: Baum 2: Menge

COMPANY: Phases Environmental  
ADDRESS: 333 W. Olive Ave Ste 108  
: Sunnyvale CA 94086.  
PHONE: 408-733-8383 FAX: 703-733-8386  
NATURE: Enviro. Services.

# PRIORITY ENVIRONMENTAL LABS

1764 Houret Ct. Milpitas, CA 95035 Tel: 408-946-9636 Fax: 408-946-9663

## Chain of Custody

DATE: 3/16/95 PAGE: 2 OF 6

PROJECT NO.: Dunk K. 10001  
 COMPANY: Phases Environmental  
 ADDRESS: 355 W. 07th Ave, Ste 100  
 PHONE: 408-733-8384 FAX: 408-733-8386  
 SIGNATURE: Dunk K.

## ANALYSIS REPORT

SAMPLE ID	DATE	TIME	MATRIX	NUMBER OF CONTAINERS		RECEIVED BY:	RELINQUISHED BY:	RECEIVED BY:
				1	2			
SB 2 - 2	-	3/16/95 12:10	Soil	*	*			
SB 2 - 5	-	3/16/95 12:25	Soil	*	*			
SB 2 - 10	-	3/16/95 12:40	Soil	*	*			
SB 2 - 105	-	3/16/95 12:40	Soil	*	*			
SB 2 - 20	"	12:50	"			X		
SB 2 - 25	"	12:50	"			X		
SB 2 - GRAB	"	1:40	HD	X				
SB 2 - GRAB	"	1:40	HD-L					
PROJECT INFORMATION				SAMPLE RECEIPT		RECEIVED BY:		
PROJECT NAME:	<u>M.D.U. Cemetery</u>		TOTAL # OF CONTAINERS	15		1. Hafez	2. <u>John</u>	2. RECEIVED BY:
PROJECT NUMBER:			RECD. GOOD COND./COLD	X		SIGNATURE: <u>John</u>	SIGNATURE: <u>John</u>	SIGNATURE: <u>John</u>
INSTRUCTIONS & COMMENTS:						Date: <u>3/16/95</u>	Date: <u>3/16/95</u>	Date: <u>3/16/95</u>
						Time: <u>4:17</u>	Time: <u>4:17</u>	Time: <u>4:17</u>
						COMPANY: <u>PHASES ENV.</u>	COMPANY: <u>PHASES ENV.</u>	COMPANY: <u>PHASES ENV.</u>

## PRIORITY ENVIRONMENTAL LABS

## Chain of Custody

1764 Houriet Ct. Milpitas, CA 95035 Tel: 408-946-9636 Fax: 408-946-9963

DATE: 3/10/95 PAGE: 3

PRIORITY ENVIRONMENTAL TABS

1764 Hourret St. Milpitas, CA 95035 Tel: 408-916-9636 Fax: 408 945 0000

LAAN: 400-674-9983

DATE: 3/16/93

4 OF A

## Chain of Custody

1764 Houret Court  
Milpitas, CA 95035  
(408) 946-9636

1764 Houriet Court  
Milpitas, CA 95035  
(408) 946-9636

1/64 Ilouret Ct. Milpitas, CA 95035 Tel: 408-946-9636 Fax: 408-946-9663

DATE: 3/16/95 PAGE: 50

PROJECT MGR.: DAVID K. WOOD  
COMPANY: Phases Environment

ADDRESS: 333 W. 9th St., Suite 108  
: Sunnyvale, CA 94086  
PHONE: 408-733-8384 FAX: 408-733-8386  
SIGNATURE: 

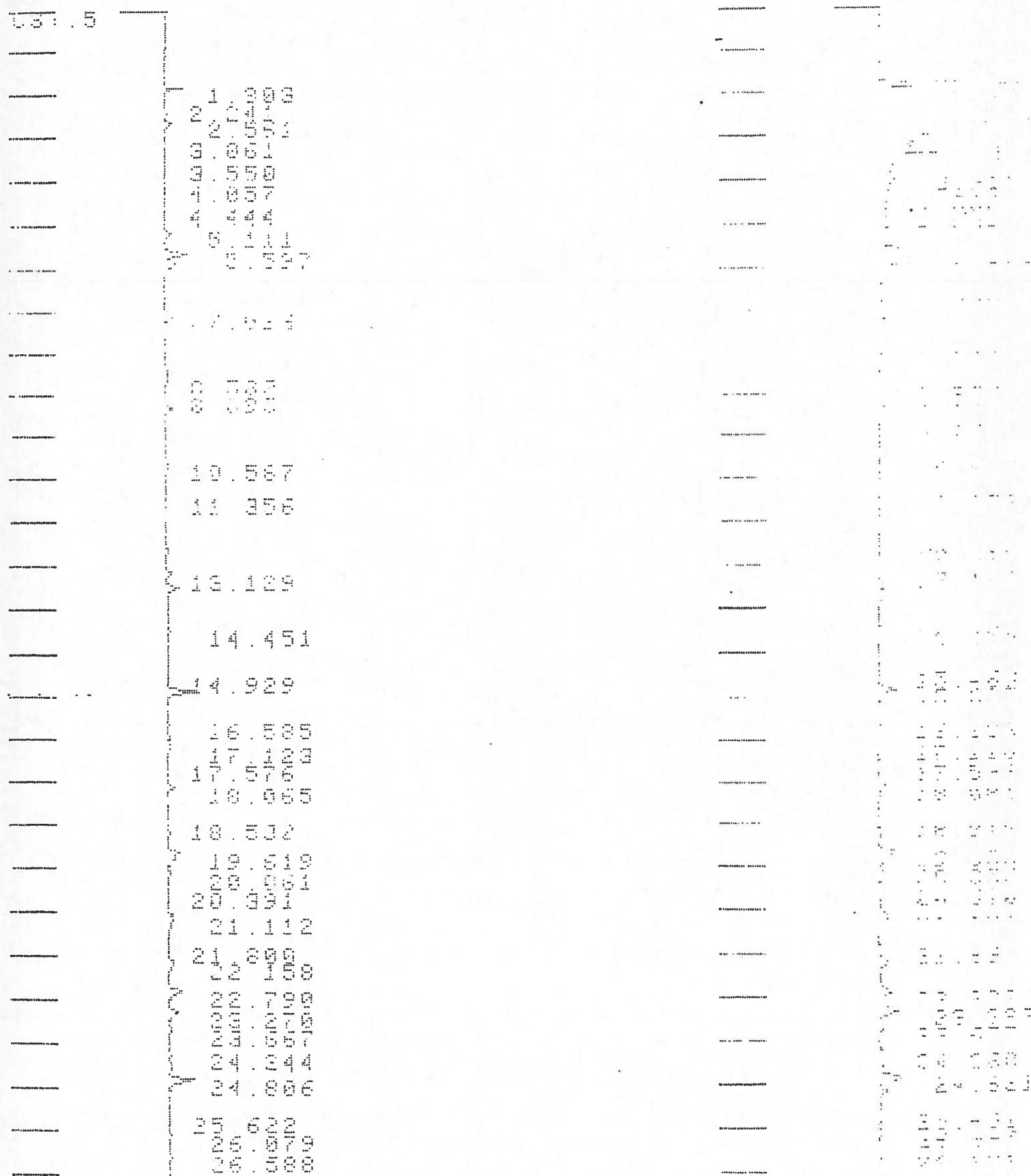
9503247

SB | GRAB

5, C <sup>mt</sup> #

CHART SPEED 0.0 CM/MIN  
ATTEN: 16 ZERO: 5% 1 MTH/TICK

ATTEN: 16 ZERO: 5% 1 MTH/TICK





2502027

SB 1 - (2 + 5)

ST SPEED 0.0 CM/MIN  
SP: 16 ZERO: 5% 1 MIN/TICK

ATTEN: 64

ZERO: 5%

MIN/TICK

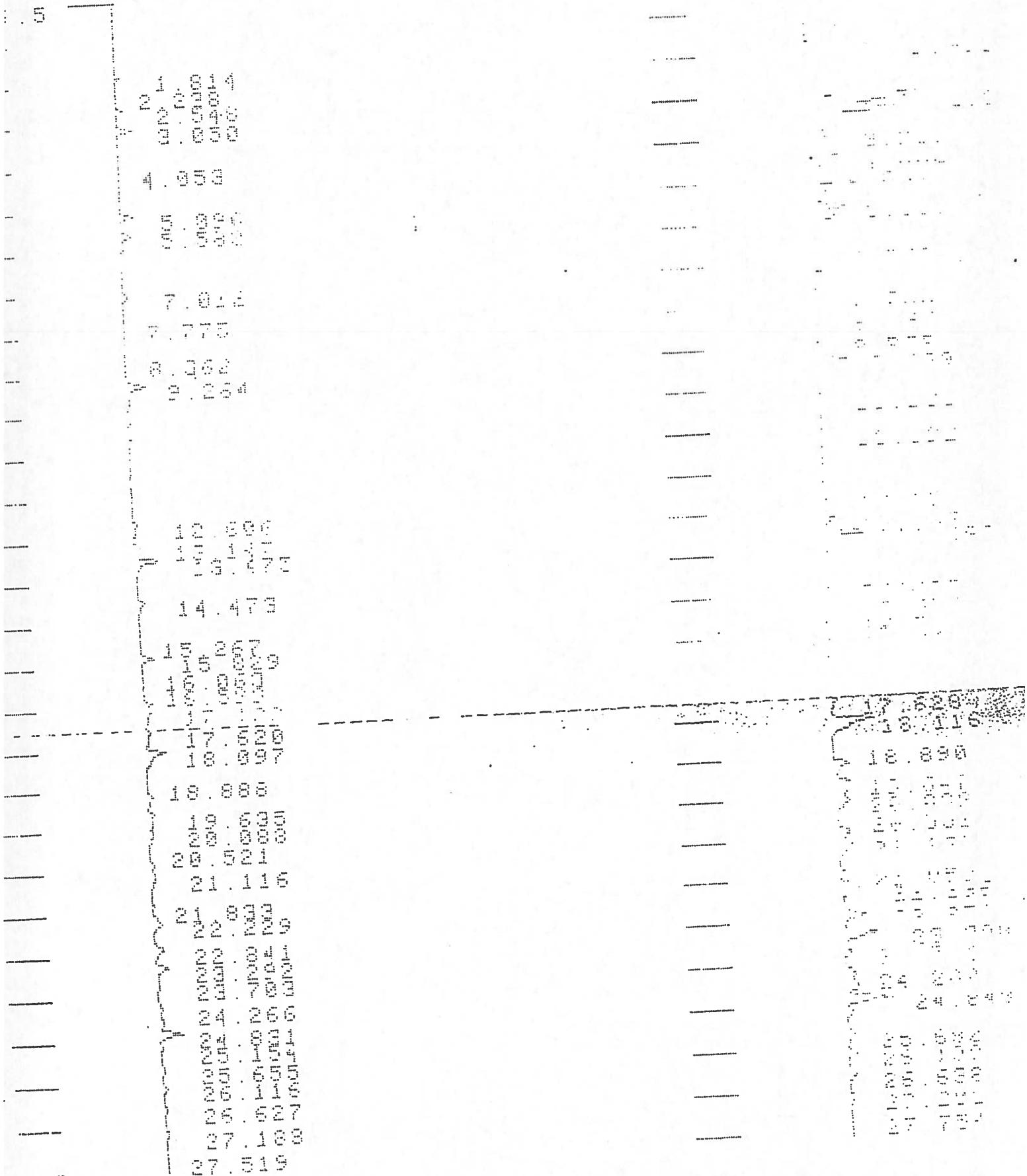


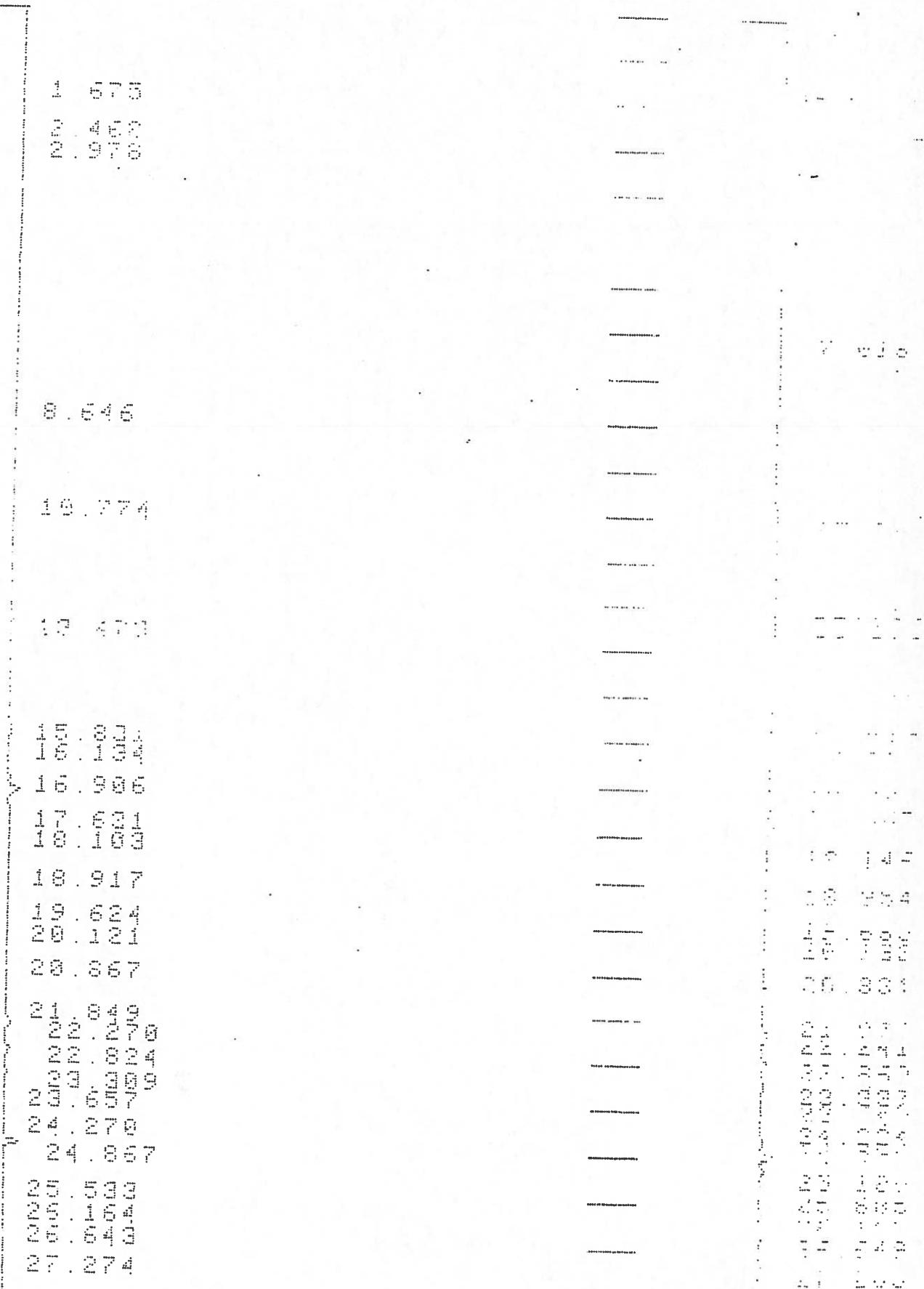
CHART SPEED 0.0 CM/MIN

0.0 CM/MIN

ZERO: 5% 1 MIN/TICK

ATTEN: 600 7/20/97 10:10 AM 100-1000

... 13 14





9503047

SB 3 ( $2^1 \times 5^1$ )

1.1983g.

三

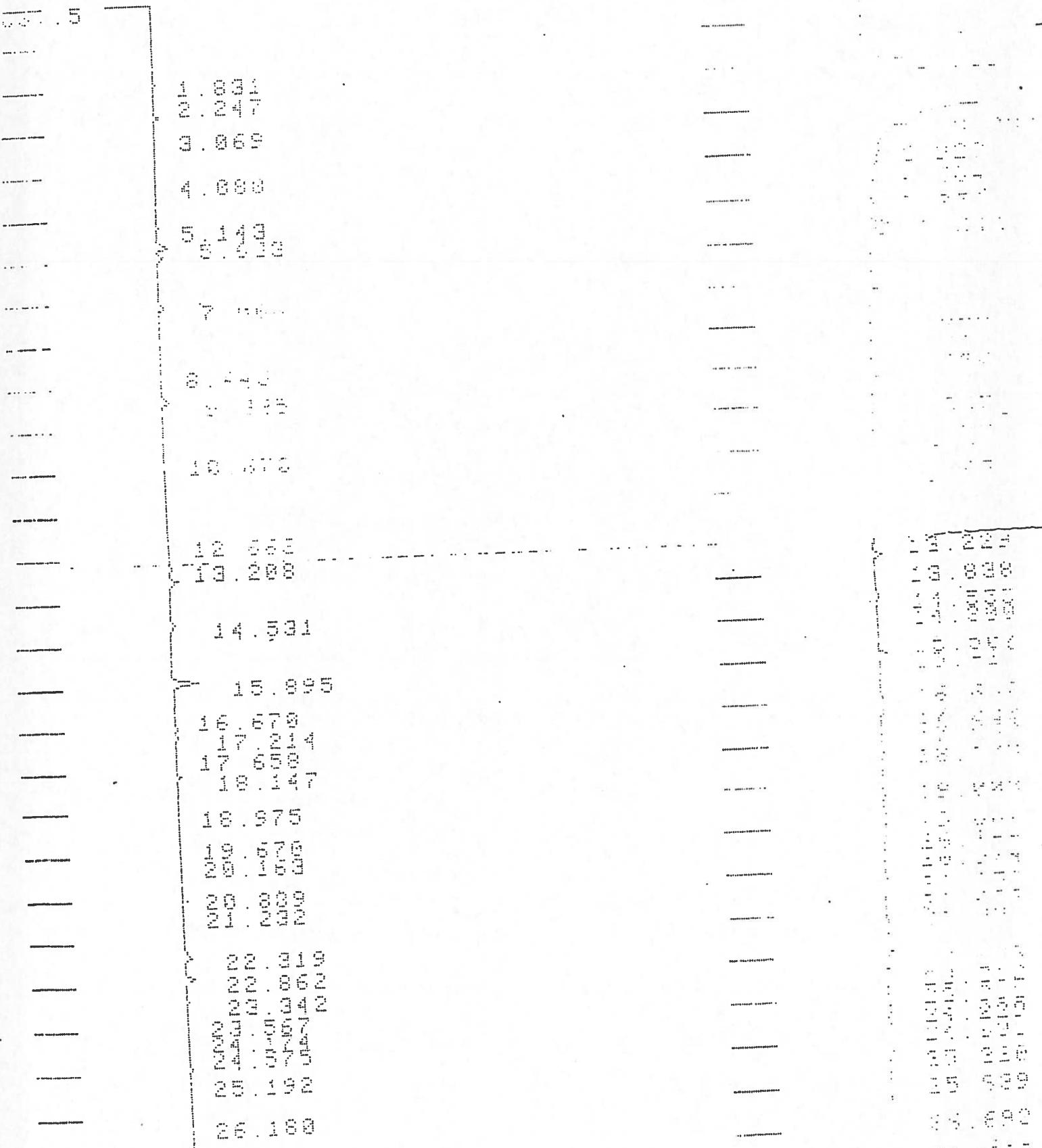
WRT SPEED 0.0 CM/MIN  
ITEM: 16 ZERO: 5%

0.0 CM/MIN  
ZERO: 5%

ZERO: 5% 1 MIN/TICK

ATTEN: 6.0

272011



$$\therefore 0.3^3 > 0.4$$

S B 4 (2+)

1.7278 #.

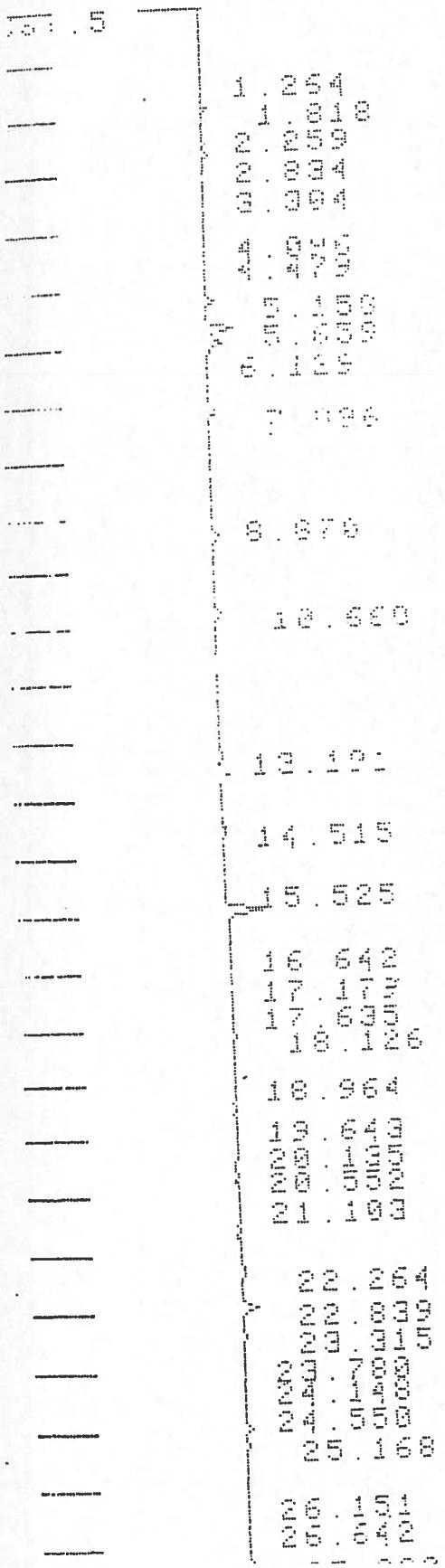
HOLD SPEED @.0 CM/MIN  
TEN: 16 ZERO: 5%

HART SPEED 6.0 CM/MIN  
MEN: 14 ZERO: 5% 1 MIN/TICK

ATTEN: 64

$$g \in \mathbb{R}^{n \times n} : \quad g =$$

THE BOSTONIAN



95047

S61 - Grab 5.0 mV

CHART SPEED 0.0 CM/MIN  
ATTEN: 256 ZERO: 4% 1 MIN/TICK

ATTEN: 8 ZERO: 5% 1 MIN/TICK

DCST: .5

10.478

10.888

11.536

12.463

13.848

15.128

17.623

18.301

20.064

23.349

0507-47

Sh 2 - GFRK 5.0 mL

CHART SPEED 0.0 CM/MIN  
ATTEN: 256 ZERO: 4% 1 MIN/TICK

ATTEN: 8 ZERO: 5% 1 MIN/TICK

05: .5

1.804  
2.458

10.364

12.716

17.662

23.374

263747

S61-2451

2.01729

CHART SPEED 0.0 CM/MIN  
ATTEN: 256 ZERO: 4% 1 MIN/TICK

USF: .5

ATTEN: 8 ZERO: 5% 1 MIN/TICK

18.382

19.767

15.031

18.163

17.484

21.212

23.188

REC'D BY

Sol. 20'

1.6681

CHART SPEED 0.0 CM/MIN  
ATTEN: 256 ZERO: 4%

1 MIN/TICK

0.5

ATTEN: 8 ZERO: 5% 1 MIN/TICK

9.979  
10.574

13.610

14.907

18.135

17.450

21.171

23.249

25.293

0503-47

CHART SPEED 0.0 CM/MIN  
ATTEN: 256 ZERO: 4% 1 MIN/TICK

SB2-2<sup>15</sup>'

1.31283

ATTEN: 8 ZERO: 5% 1 MIN/TICK

DST: .5

18.143

12.129  
12.618

13.688

14.975

18.160

19.121  
19.503

20.685  
21.223  
21.594

23.228

17.475

CHART SPEED  
ATTEN: 256

0.0 CM/MIN  
ZERO: 4%

1 MIN/TICK

SB3-215

ATTEN: 8 ZERO: 5% 1 MIN/TIC

154519

DST: .5

18.121

19.652

14.942

18.120

19.871

20.567  
21.168

23.185

17.436

203047

564-215

2.04049

CHART SPEED 0.0 CM/MIN  
ATTEN: 256

ZERO: 4% 1 MIN/TICK

ATTEN: 8

ZERO: 5% 1 MIN/TICK

TICK: .5

18.144  
18.750

12.816  
13.708

14.976

18.179

17.484

19.854

23.217

ATTEN: 256 ZERO: 4% 1 MIN/TICK

US: .5

ATTEN: 8 ZERO: 5% 1 MIN/TIC

18.137

19.788  
18.137  
14.969

17.480

18.169

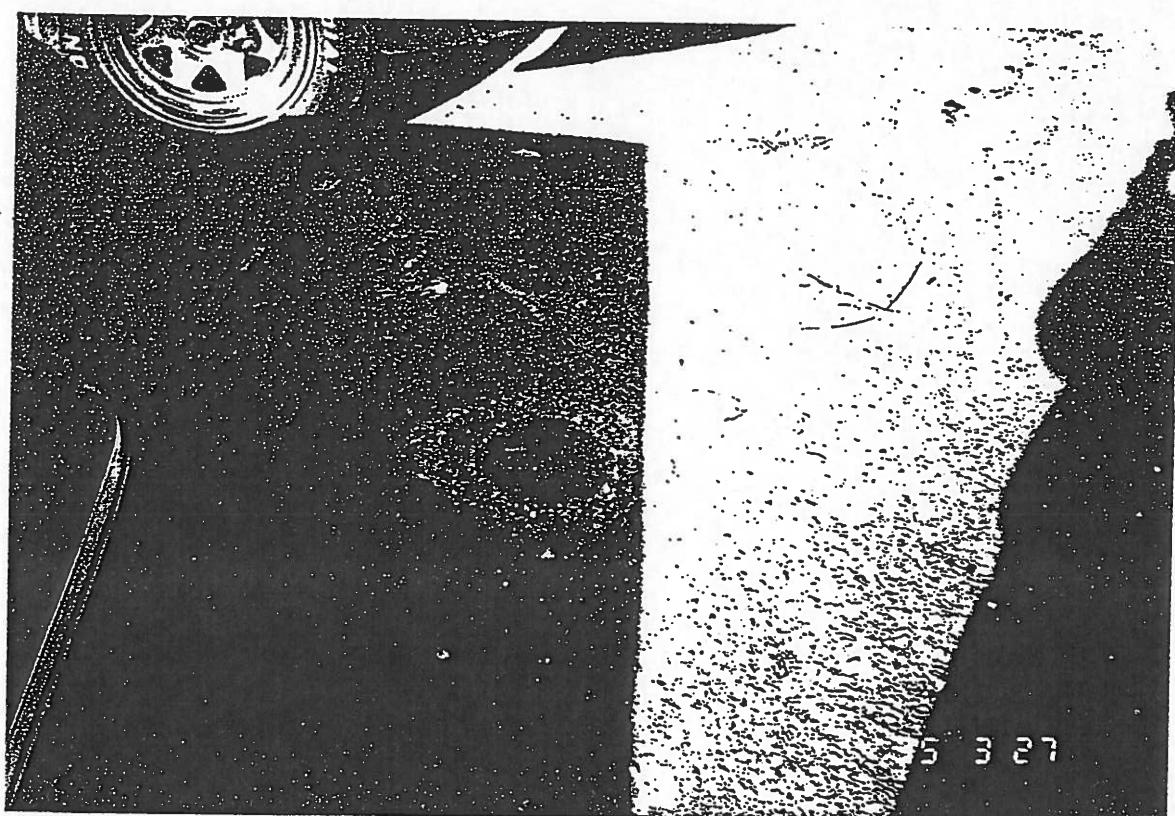
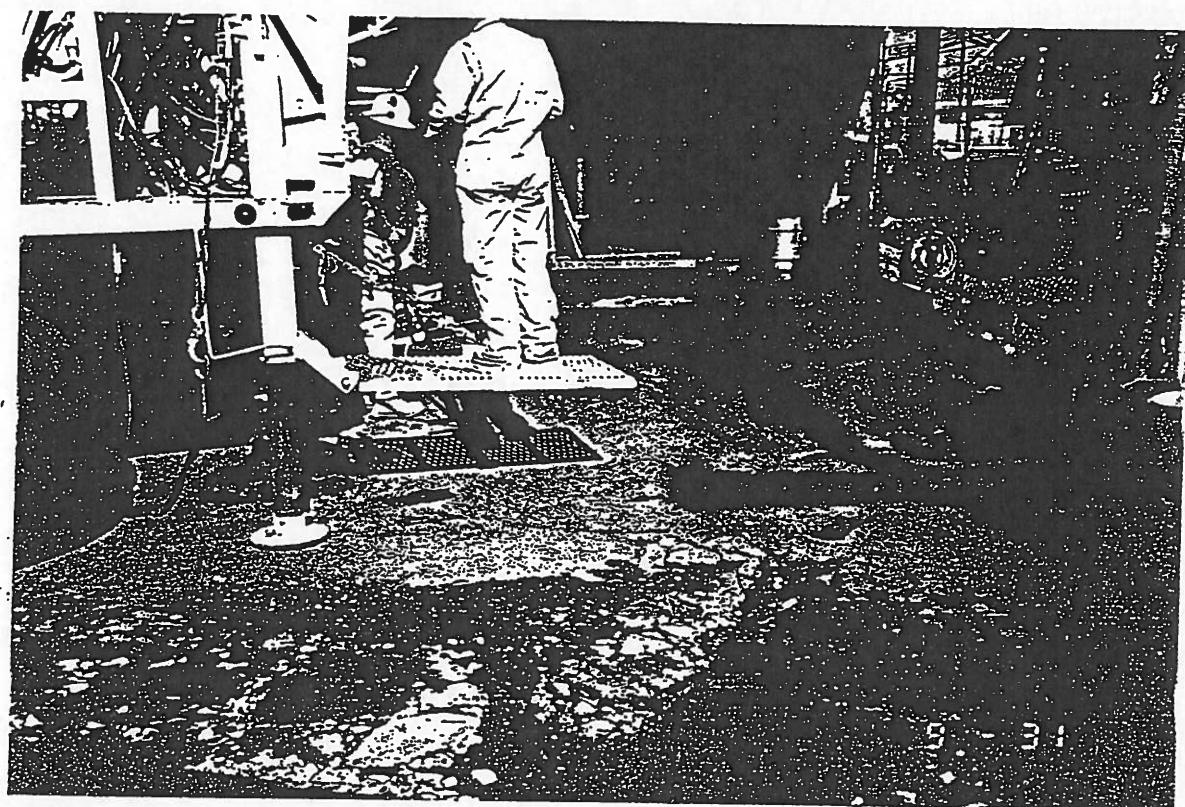
19.497  
20.660

23.289  
24.009

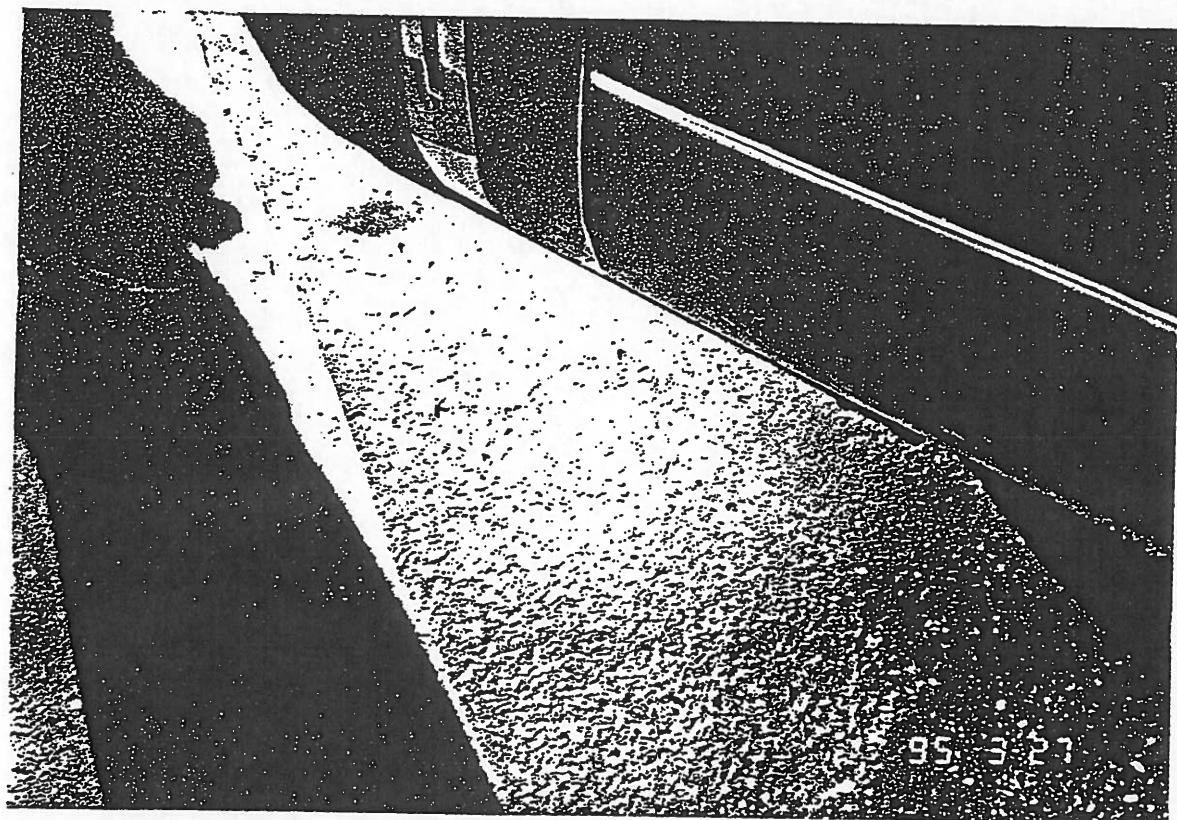
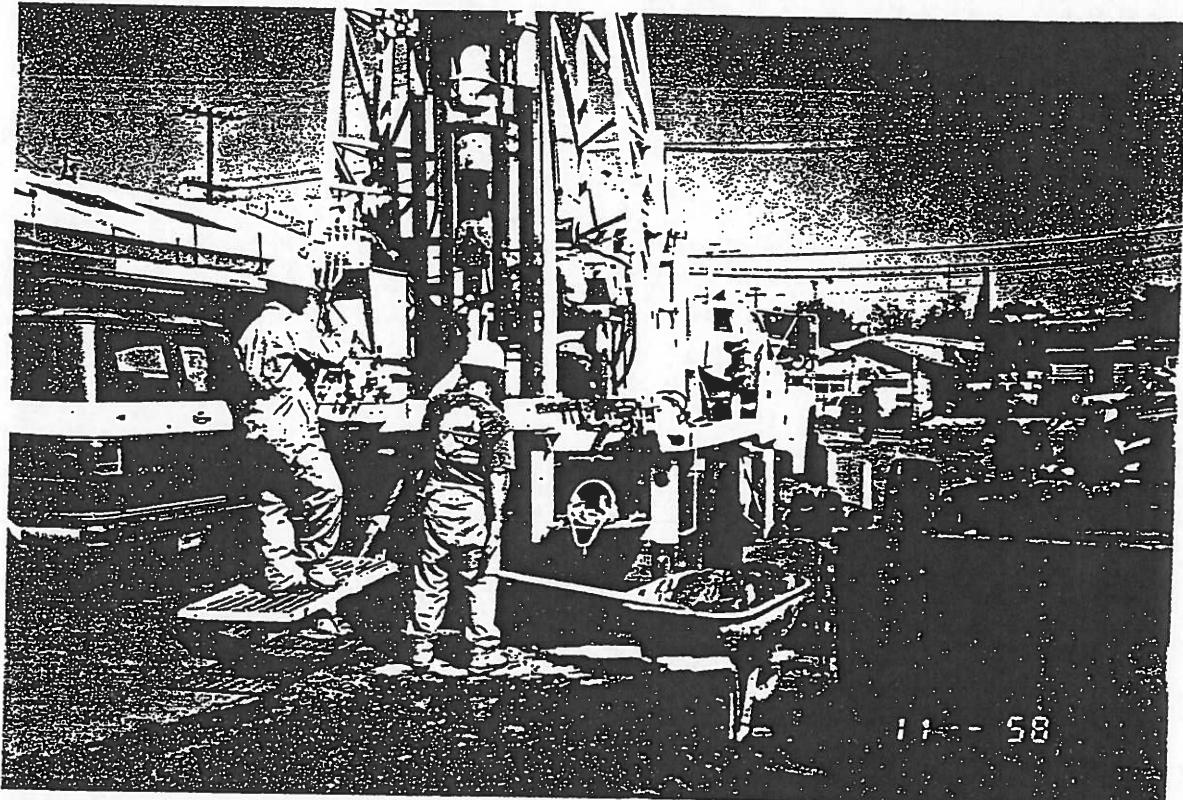
## **APPENDIX E**

### **Site Photographs**

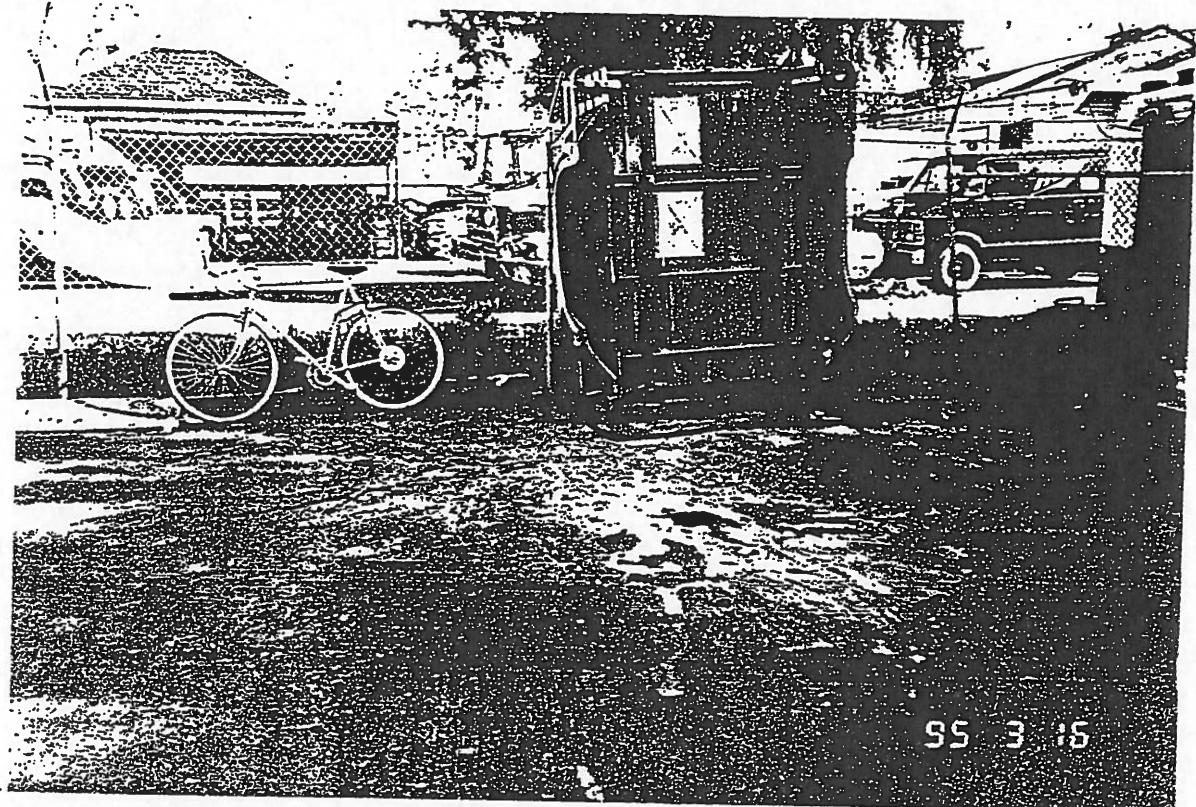
BORING #1 - DRILLED/SEALED



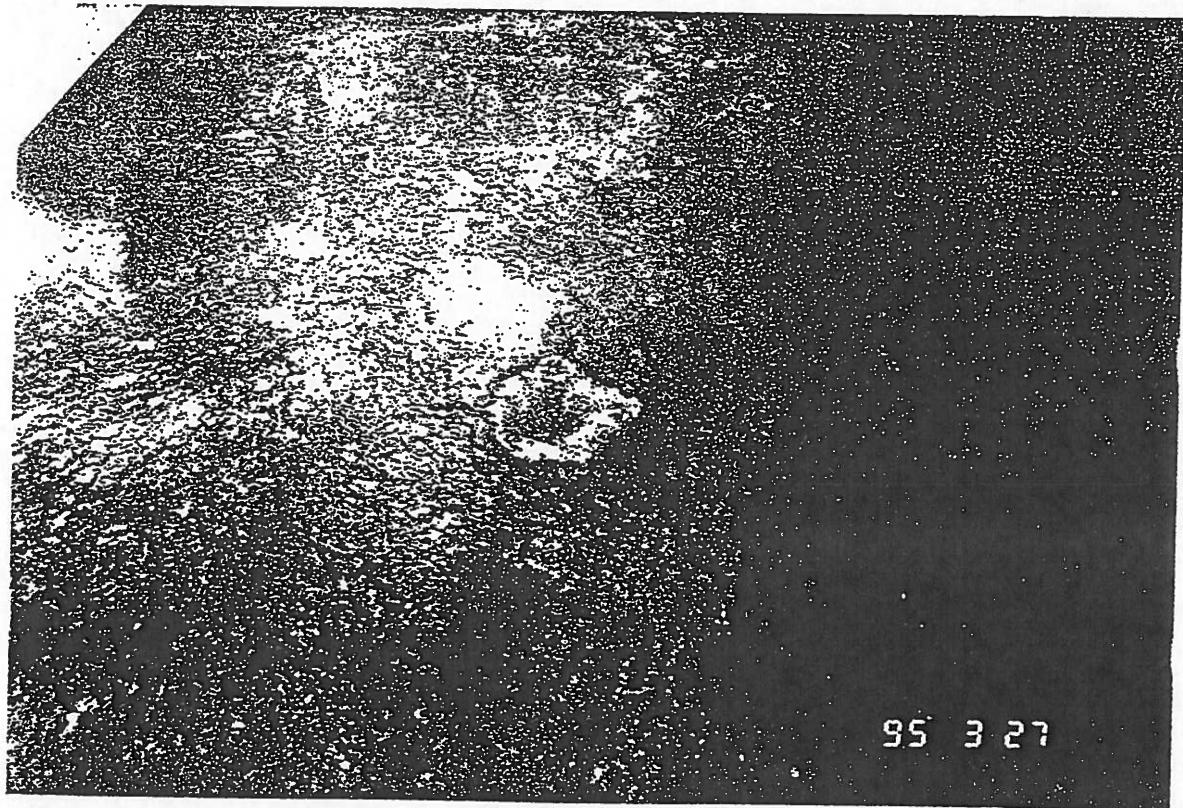
BORING #2 - DRILLED/SEALED



BORING #3 - DRILLED/SEALED

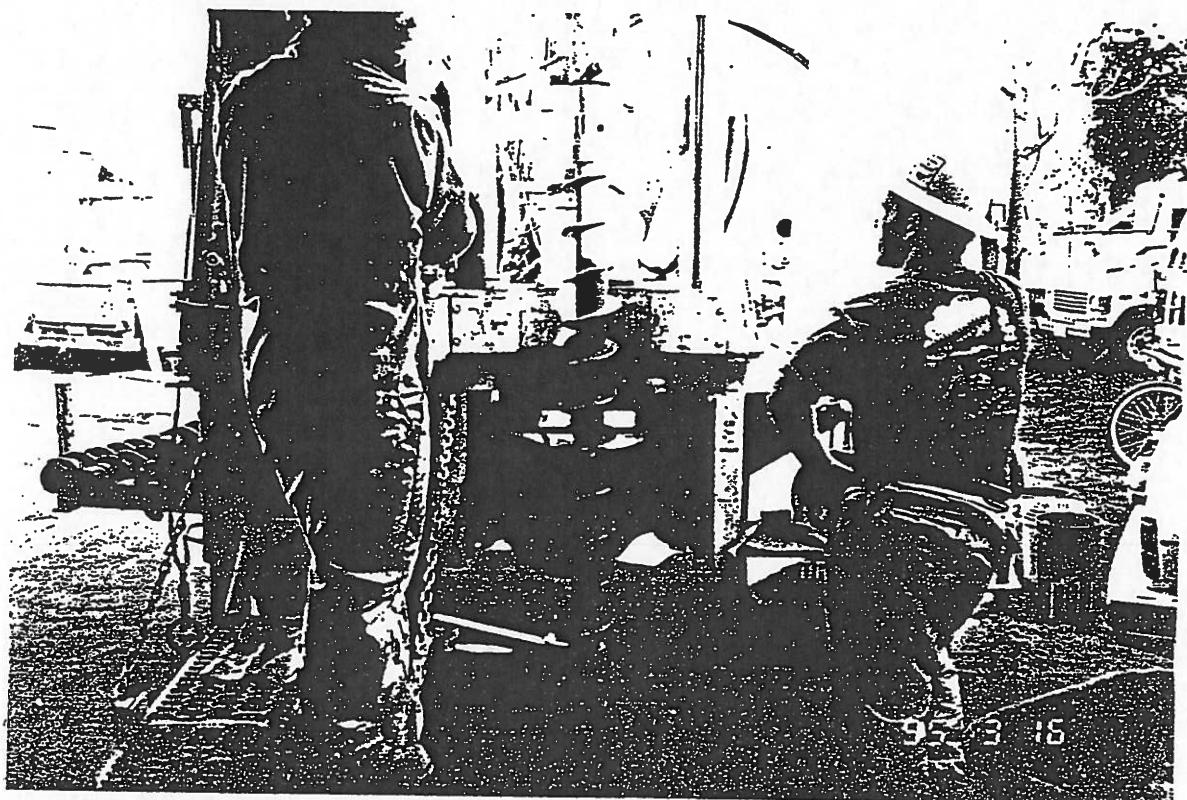


95 3 :5

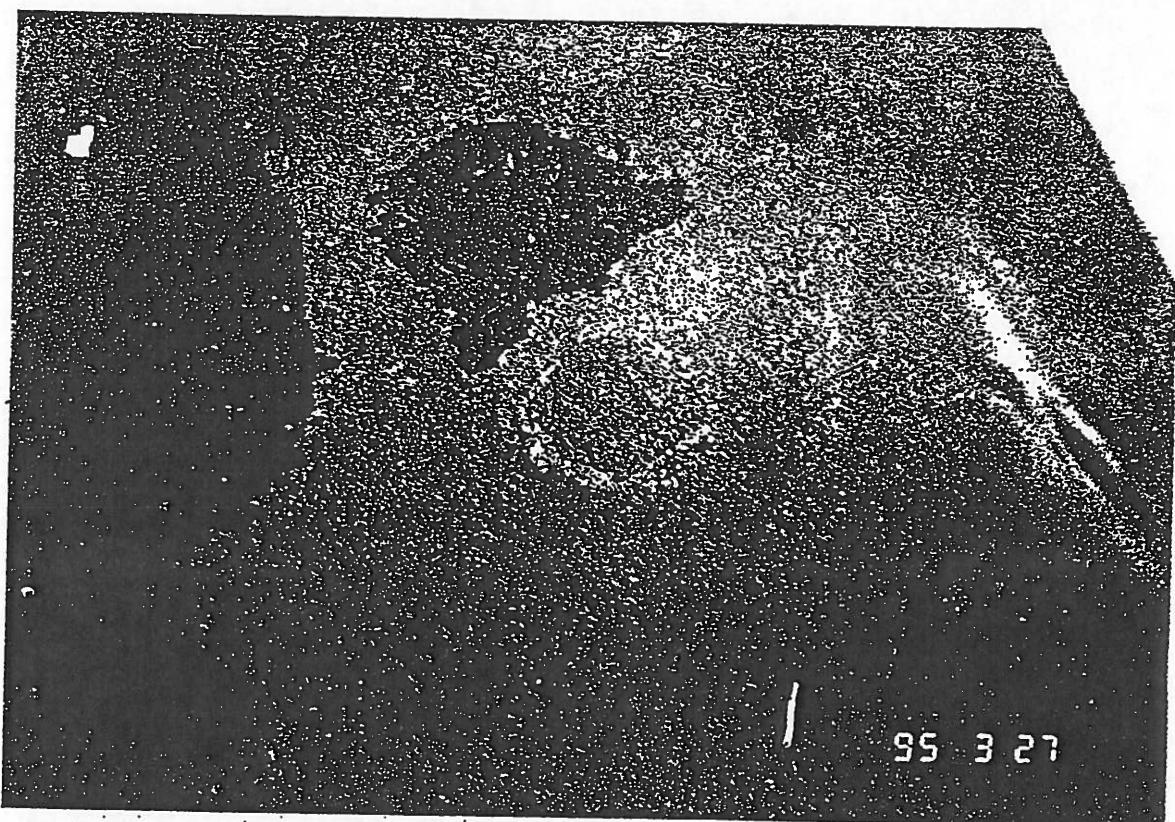


95 3 27

BORING #4 - DRILLED/SEALED



95 3 16



95 3 27

BORING #5 - DRILLED/SEALED (unavailable)/STOCKPILE

