

MIDLAND - DIESEL FUEL OIL TANKS  
(Information provided by CPC to demonstrate that  
loose zone @ boring DF-5 is an isolated pocket)

J. Kane  
Apr. 1982

To: Joe Kane

3/29/82

FM: Jim Misenheimer

Subject: Additional Boring Logs at Buried Diesel  
Generator Fuel Oil Storage Tank Location

Boings B-1 thru B-9 were drilled in July 1977 by  
Raymond International for Bechtel. The B series  
boings were drilled prior to installation of the buried  
fuel oil tanks but are representative of soil conditions  
that now exist below the tanks.

Boring B-1 is located east of DF-5, which has  
the questionable loose silty sand layer from approximately  
elevation 601 to 603. Boings B-1 and DF-7 indicate  
stiff clay fill at the elevation where the loose sand  
layer is shown on Boring Log DF-5.

Since Boings B-1 and DF-5 are on the order of only  
20 feet from Boring DF-5, it is unlikely that the loose  
sand layer shown on Boring Log DF-5 is a  
continuous layer. It appears to be an isolated  
pocket of loose silty sand fill.

Logs of Boings B-1 thru B-9, DF-5 and DF-7; and Subsurface  
Cross Section K-K' with B-1 thru B-9 geologic plots are provided for  
your review. We can discuss this data after review by you  
and Paul Kadala. Copies have been sent to Paul also. JKM

8408C30051 840718  
PDR FOIA  
RICE84-96 PDR



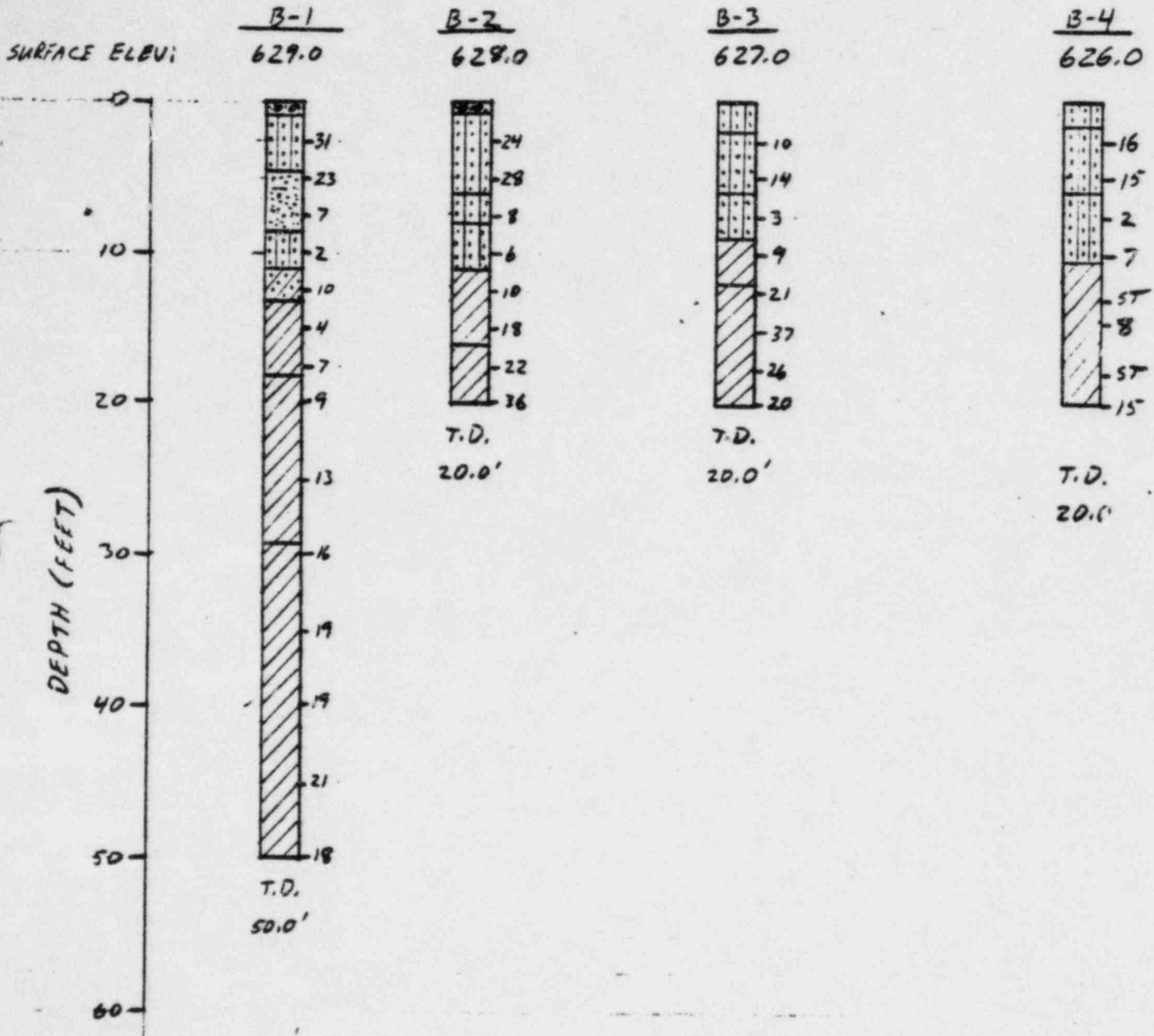
# CALCULATION SHEET

CALC. NO. \_\_\_\_\_ REV. NO. 0ORIGINATOR D. HENDERSON DATE 3-20-82

CHECKED \_\_\_\_\_ DATE \_\_\_\_\_

PROJECT MIDLAND UNITS 1+2JOB NO. 7220-101

SUBJECT \_\_\_\_\_

SHEET NO. 1/1

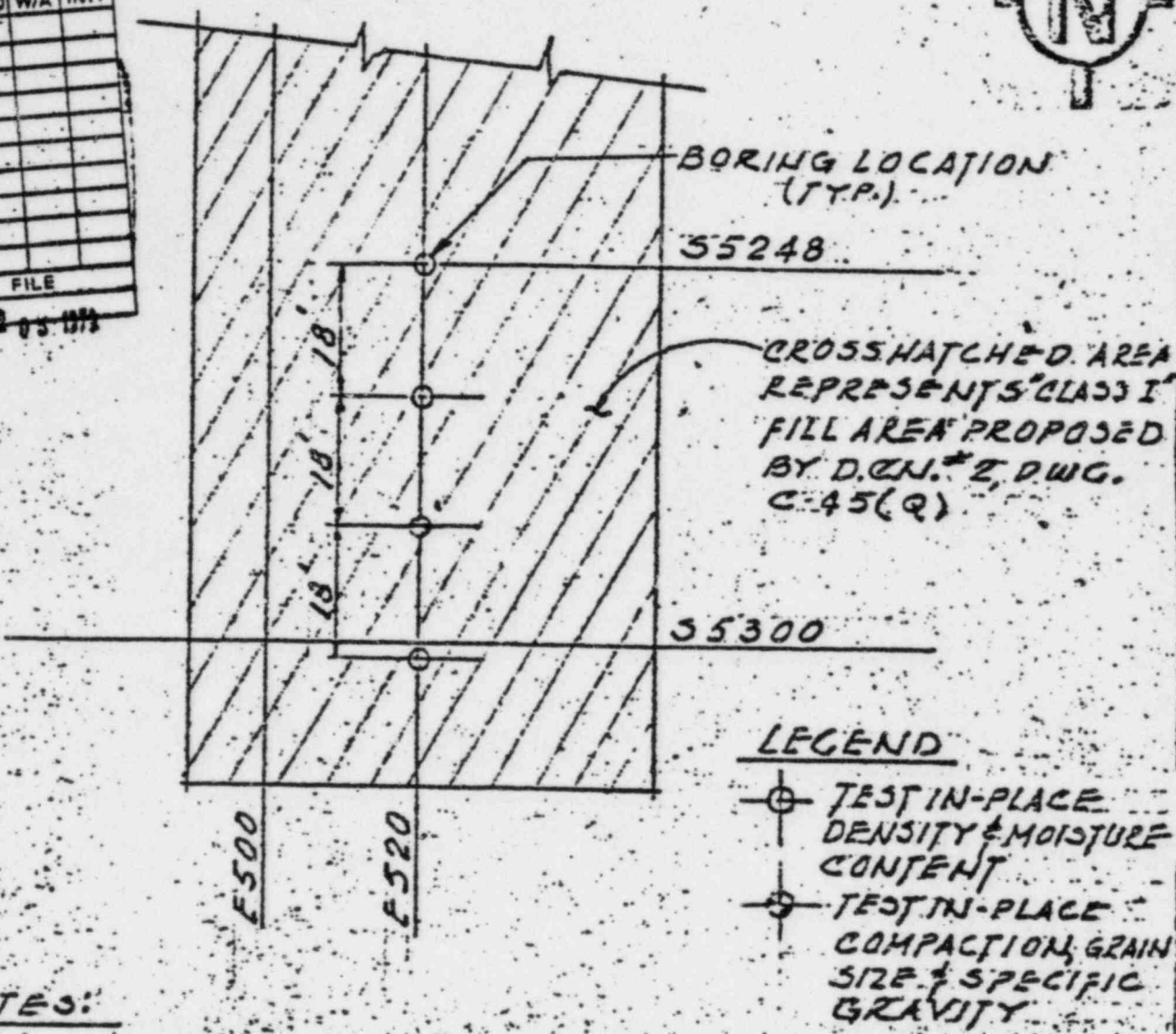
COORDINATES:    55248            55266            55284            55302  
                           E 520            E 520            E 520            E 520

DATE DRILLED:    7-21-77            7-22-77            7-22-77            7-22-77

INFORMATION TAKEN FROM RAYMOND INTERNATIONAL BORING LOGS



GEOTECH ANN ARBOR DISTRIBUTION				
DISC	ACT	INFO	W/A	IRIT
MGR				
ADMIN				
DRFT				
CO/LS				
GEOL				
H&H				
ENR				
Proj Mgr				
Proj Eng				
JOB		FILE		
REC'D	05 1973			



**NOTES:**

- 1- BORINGS SHALL BE MADE IN LOCATIONS SHOWN.
- 2- MATERIALS FROM BORINGS SHALL BE TESTED IN ACCORDANCE WITH SPEC. 7220-C-208.
- 3- TESTS SHALL BE ADMINISTERED IN ACCORDANCE WITH THE QUALITY ASSURANCE PROGRAM SPEC. 7220-G-22.

SB 19092

△										
△										
△	5.20.77 ISSUED FOR INFORMATION			LEC.	JPD	Rad	TAA	RLC	PLX	
NO.	DATE	REVISIONS	BY	CHK'D	GROUP LEAD	GROUP SUPV.	PRC ENGR.	CHIEF ENGR.		
SCALE			DESIGNED	DRAWN						
ORIGIN			MIDLAND PLANT - UNITS 1 & 2 CONSUMERS POWER CO. EMERGENCY DIESEL FUEL TANK AREA - TEST BORING ARRANGEMENT			JOB No. 7220		DRAWING No.		REV.
						SK-C-541		A		

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UNCONTROLLED

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# SOIL BORING SAMPLES

## EMERGENCY DIESEL FUEL STORAGE AREA

SAMPLE NO	LOCATION	GR. ELEV.	SAMPLE ELEV.	REMARKS
B <sup>#</sup> 1	So. 5248 - E 520	629	607	1A Shelby Tube
	" "	629	611.0 - 610.0	1B Shelby Tube
B <sup>#</sup> 2	So. 5266 - E 520	628	611.0 - 609.0	" 2A "
	" "	628	614. - 612.	" 2B "
	So. 5266 - E 520	628	609 - 607	split Jar Spoon
	" "	"	" "	"
	" "	"	" "	"
B <sup>#</sup> 3	So. 528A - E 520	627.0	614.0 - 612.5	Shelby <sup>29</sup> Tube
	" "	"	611.0 - 609.5	" 3B
	" "	"	608 - 607	" 3C
B <sup>#</sup> 4	So. 5302 - E 520	626	614 - 612	Jar Sample
	"	"	614 - 612	"
	"	"	611 - 609	"
	"	"	611 - 609	"
	"	"	611 - 609	"
	"	"	608.5 - 607	"
	"	"	608.5 - 607	"
	"	"	608.5 - 607	"

LAST PAGE

SERVICE CONTRACTS DIVISION  
TEST BORING DEPARTMENT

Date JULY-21-1977

Job No. \_\_\_\_\_

Job Address A.T. & T. MIDLAND, MICH.

Fixed Datum used is \_\_\_\_\_

Ground Surface this boring is \_\_\_\_\_

DEPTH		CLASSIFICATION <small>Be Careful and Accurate</small>	Sample Type	Sample No.	Depth	No. of 30" blows on Spoon			Recovery in.	Lost Wa or Rema
From	To					1st 6"	2nd 6"	3rd 6"		
Grd. Surface	0'9"	GRAVEL FILL								
0'9"	4'6"	DENSE BROWN FINE TO MEDIUM SILTY SAND	S.S.	1	2'6"	13-13-18				
4'6"	8'6"	LOOSE BROWN FINE SAND	S.S.	2	5'0"	8-13-10				
8'6"	11'0"	VERY LOOSE GRAY FINE SILTY SAND TRACE OF ORGANIC	S.S.	3	7'6"	5-4-3				
11'0"	13'0"	MEDIUM GRAY CLAYEY SAND	S.S.	4	10'0"	1-1-1				
13'0"	18'0"	MEDIUM GRAY SANDY CLAY	S.S.	5	12'6"	5-7-3				
			S.S.	6	15'0"	2-2-2				
			S.S.	7	17'6"	3-3-4				
18'0"	20'0"	STIFF GRAY SANDY CLAY	S.S.	8	20'0"	4-4-5				
		SOME SMALL GRAVEL	S.S.	9	25'0"	4-6-7				
29'0"		VERY STIFF GRAY SILTY CLAY	S.S.	10	30'0"	5-7-9				
		SOME SMALL GRAVEL	S.S.	11	35'0"	5-8-11				
			S.S.	12	40'0"	5-8-11				
			S.S.	13	45'0"	7-9-12				
			S.S.	14	50'0"	5-8-10				

GEOTECH ANN ARBOR DISTRIBUTION				
DISC	ACT	INFO	W/A	INIT
MGR				
ADMIN				
DRAFT				
SOILS				
GEOL				
H&H				
EWP				
Proj Mgr				
Proj Eng				
JOB		FILE		
REC'D				

~~NOT BEEMEC~~  
BECHTEL'S  
DONE 12/4  
JULY

WATER ENC. AT 9'0"

Ground Surface to 8'6" ft. used 3 " casing.  
Water level is 8'8" ft. below Ground surface 12 hrs. after completion.  
Water level is \_\_\_\_\_ ft. below Ground surface \_\_\_\_\_ hrs. after completion.  
Boring stopped by \_\_\_\_\_

Foreman HENSCHER BOYD  
Boring No. B-1

RAYMOND INTERNATIONAL INC.  
SERVICE CONTRACTS DIVISION  
TEST BORING DEPARTMENT

Date JULY 22 - 1977

Job No. \_\_\_\_\_

Job Address 1 MIDLAND, MICH.

Fixed Datum used is \_\_\_\_\_

Ground Surface this boring is \_\_\_\_\_

DEPTH		CLASSIFICATION Be Careful and Accurate	Sample Type	Sample No.	Depth	No. of 30" blows on Spoon			Recovery in.	Lost We or Remar
From	To					1st 6"	2nd 6"	3rd 6"		
Grd. Surface	0'9"	GRAVEL FILL								
	0'9"	MEDIUM BROWN FINE SILTY SAND	S.S.	1	2'6"	13	16	13		
	6'0"	LOOSE BROWN FINE TO MEDIUM SILTY SAND	S.S.	2	5'0"	19	15	13		
	6'0"	LOOSE BROWN FINE TO MEDIUM SILTY SAND	S.S.	3	7'6"	4	4	4		
	8'0"	LOOSE BROWN + CLAY FINE SILTY SAND	S.S.	4	10'0"	1	1	5		
	11'0"	STIFF GRAY SANDY CLAY	S.S.	5	12'6"	5	5	5		
			S.S.	6	15'0"	4	6	12		
	16'0"	VERY STIFF GRAY SILTY CLAY SOME SMALL GRAVEL	S.S.	7	17'6"	5	10	12		
			S.S.	8	20'0"	9	16	20		

GEO TECH			
ANN ARBOR			
DISTRIBUTION			
DISC	AGT	INFO	W/A INIT
MGR			
ADMIN			
DRFT			
SOILS			
GEOL			
H&H			
ENV			
Proj Mgr			
Prof Eng			
JOB		FILE	
REC'D		23	05 1979

WATER ENC. AT 10'0"  
← AUGER

Ground Surface to \_\_\_\_\_ ft. used \_\_\_\_\_" casing.

Water level is 8'6" ft. below Ground surface 6 hrs. after completion.

Water level is \_\_\_\_\_ ft. below Ground surface \_\_\_\_\_ hrs. after completion.

Boring stopped by \_\_\_\_\_

Foreman HOSCHER BOYD

Boring No. B-2

SB 13095



SERVICE CONTRACTS DIVISION  
TEST BORING DEPARTMENT

Date: JULY - 22 - 1977

Job No. \_\_\_\_\_

Job Address \_\_\_\_\_ MIDLAND, MICH.

Fixed Datum used is \_\_\_\_\_

Ground Surface this boring is \_\_\_\_\_

DEPTH		CLASSIFICATION Be Careful and Accurate	Sample Type	Sample No.	Depth	No. of 30" blows on Spoon			Recovery in.	Lost Water or Remark
From	To					1st 6"	2nd 6"	3rd 6"		
Grd. Surface	2'0"	LOOSE BLACK SILTY SAND								
	2'0"	MEDIUM BROWN FINE TO MEDIUM SILTY SAND	S.S.	1	2'6"	3-4-6				
			S.S.	2	5'0"	6-7-7				
	6'0"	LOOSE BROWN FINE SILTY SAND	S.S.	3	7'6"	2-2-1				
	9'0"	STIFF GRAY VERY SILTY CLAY	S.S.	4	10'0"	4-4-5				
		SOME SMALL GRAVEL	S.S.	5	12'6"	6-7-14				
	12'0"	VERY STIFF GRAY VERY SILTY SANDY CLAY	S.S.	6	15'0"	8-15-22				
		SOME SMALL GRAVEL	S.S.	7	17'6"	8-12-14				
			S.S.	8	20'0"	7-9-11				

GEOTECH ANN ARBOR DISTRIBUTION				
DISG	ACT	INFO	W/A	INTI
MGR				
ADMIN				
DRAFT				
SOILS				
GEOL				
H&H				
EWP				
Proj Mgr				
Proj Eng				
JOB	FILE			
REC'D	AUG 25 1978			

WATER ENC. AT 6'9"  
4" AUGER

Ground Surface to \_\_\_\_\_ ft. used \_\_\_\_\_" casing.

Water level is 6'6" ft. below Ground surface 4 hrs. after completion.

Water level is \_\_\_\_\_ ft. below Ground surface \_\_\_\_\_ hrs. after completion.

Boring stopped by \_\_\_\_\_

Foreman HERSCHER BOYD

Boring No. B-3

RAYMUND INTERNATIONAL INC.  
SERVICE CONTRACTS DIVISION  
TEST BORING DEPARTMENT

Date JULY-27-1977

Job No. \_\_\_\_\_

Job Address \_\_\_\_\_ MIDLAND, MICH.

Fixed Datum used is \_\_\_\_\_

Ground Surface this boring is \_\_\_\_\_

DEPTH		CLASSIFICATION Be Careful and Accurate	Sample Type	Sample No.	Depth	No. of 30" blows on Spoon			Recovery in.	Lost Wa or Remar
From	To					1st 6"	2nd 6"	3rd 6"		
Grd. Surface	1 1/2"	MEDIUM BLACK SILTY SAND								
	1 1/2"	MEDIUM BROWN FINE SILTY SAND	S.S.	1	2 1/2"	5-7-9				
			S.S.	2	5 0"	5-7-8				
	6 0"	LOOSE BROWN + GRAY FINE SILTY SAND TRACE OF ORGANIC	SS	3	7 1/2"	3-1-1				
			SS	4	10 0"	2-2-5				
	10 1/2"	STIFF GRAY SANDY CLAY	S-T	5	10 1/2" TO 13 0"				24"	
		SOME SMALL GRAVEL	SS	6	14 1/2"	3-4-4				
			S-T	7	16 1/2" TO 18 0"				11"	
			S.S.	8	20 0"	8-8-7				

GEOTECH ANN ARBOR DISTRIBUTION				
DISC	ACT	INFO	W/A	INIT
MGR				
ADMIN				
DRFT				
SOILS				
GEOL				
H&H				
EWP				
Proj Mgr				
Proj Eng				
JOB	FILE			
REC'D	JUL 28 1977			

WATER LEVEL AT 6'6"

Ground Surface to \_\_\_\_\_ ft. used \_\_\_\_\_ " casing.  
Water level is 7'0" ft. below Ground surface 1/2 hrs. after completion.  
Water level is \_\_\_\_\_ ft. below Ground surface \_\_\_\_\_ hrs. after completion.  
Boring stopped by... \_\_\_\_\_

Foreman HANSHEL BOYL  
Boring No. B-4





BORING LOG				PROJECT	JOB NO.	SHEET NO.	HOLE NO.					
				MIDLAND POWER PLANT	7220-101	1 of 2	DF-7					
SITE		COORDINATES		ANGLE FROM HOOD		GRABBER						
Diesel Fuel Tanks		S 5275 E 510		90°		-						
DATE	COMPLETED	DRILLER	DRILL MAKE AND MODEL		HOLES DIA.	OVERBURDEN (FT.)	TOTAL DEPTH					
4/23/79	4/23/79	Raymond International J. Hamann	Mobile B 61		2 1/16"	-	46.5'					
SOILS OBSERVED (FT.)	SOILS DEPTH	SAMPLES	CL. TOP OF CASING	DRILLING CL.	DEPTH OF GROUND WATER	DEPTH OF TOP OF ROCK						
N. A.	N. A.	17	N. A.	634.0'±	Not Determined	N. A.						
SAMPLE NUMBER IDENTICAL		CASING LEFT IN HOLE: DIA. & DEPTH		LOGGED BY:								
140 lb. / 30 inches		None		W. R. Kinzer								
SAMPLE TYPE AND NUMBER	SAMPLE ADVANCE LENGTH CORE RUN	SAMPLE RECOVERY CORE RECOVERY	SAMPLE LOSS 1/4"	PERCENT CORE RECOVERY	PENETRATION BLOWS			ELEVATION	DEPTH	SOIL LOG	DESCRIPTION AND CLASSIFICATION	NOTES ON WATER LEVEL, WATER RETURN, CHARACTER OF DRILLING, ETC.
					1ST 2"	2ND 2"	3RD 2"					
								634.0	0			
								633.0	1		0-1.0' Sandy Gravel, medium gray, very loose, medium to coarse, dry (GP)	Drilling with 4" Nom. O. D. continuous flight augers.
SS 2"	18	8	14	4	4	10		630.5	3.5	1	1-3.5' Silty Clay, gray-brown, medium stiff, low plasticity, moist, trace of fine sand to fine gravel (CL) (Fill)	
SS 2"	18	12	23	10	11	12		628.5	5	2	3.5-5' Sand, brown, medium dense, fine to coarse-grained, moist (SW) (Fill)	
SS 2"	18	18	28	11	14	14				3	5-5.5' Silty Clay, gray-brown, very stiff, low plasticity, moist, some fine to medium gravel (CL) (Fill)	
SS 2"	18	18	32	13	16	16			10	4	5.5-21' Sand, brown, medium dense, fine to coarse-grained, wet, trace of fine gravel (SW) (Fill)	
SS 2"	18	16	22	7	11	11				5	10-12.5' Dense	
SS 2"	18	18	32	9	12	20			15	6	15-17.5' Dense	
SS 2"	18	16	25	9	13	12				7		
SS 2"	12	12	Refusal	5	12	Refusal		613.0	21.0	8		
								612.5	21.5		21-21.5' Concrete	
SS 2"	18	6	8	6	4	4				9	21.5-32.5' Sandy Clay, brown and medium gray, medium stiff, low plasticity, wet, trace of fine gravel (CL) (Fill)	
SS 2"	18	14	12	2	5	7			25	10	25-27.5' Stiff	
SS 2"	18	14	17	5	7	10				11	27.5-32.5' Very Stiff	
SS 2"	18	18	22	7	7	15			30			
SS 2"	18	18	32	9	13	19		601.5	32.5	13	32.5-46.5' Silty Clay, medium gray, hard, low to medium plasticity, moist, numerous light gray, very thin silt seams and lenses (CU)	
								599.0	35	14		Lacustrine Deposits

SS = SILTY SAND; SW = SANDY SILT; CL = CLAY; GP = GRAVEL; CU = SILTY CLAY; CR = CLAYEY SAND; CR = CLAYEY SILT; CR = CLAYEY SILT; CR = CLAYEY SILT

SITE Diesel Fuel Tanks

PROJECT DF-7

20-210-274

Revision 21  
5/79



BORING LOG							PROJECT	JOB NO.	SHEET NO.	HOLE NO.		
							MIDLAND POWER PLANT	7220-101	2 OF 2	DF-7		
SAMPLER TYPE AND DIAMETER	SAMPLER ADVANCE LENGTH CORRECTION	SAMPLER RECOVERY CORRECTION	SAMPLE BLOWS	PENETRATION BLOWS			ELEVATION	DEPTH	ORGANIC LOG	SAMPLE	DESCRIPTION AND CLASSIFICATION	NOTES ON: A. WATER LEVELS, B. WATER COLUMN, C. CHARACTER OF SOILS, ETC.
				1ST 6"	2ND 6"	3RD 6"						
							599.0	35				
SS 2"	18	18	32	8	14	18				14	Silty Clay, same as above	
SS 2"	18	18	32	10	14	18				15		
SS 2"	18	18	31	8	13	18				40		
										16		
										45		
SS 2"	18	18	30	9	12	18	587.50	46.5		17	45-46.5' Very stiff	
											Bottom of hole, Depth: 46.5'	No significant circulation loss in this boring. Hole grouted total depth to ground surface.

SS - SPLIT SPIN; UT - UNRECOVERED  
 S - SAND; P - PUTTY; O - OTHER

Diesel Fuel Storage Tanks

HOLE NO. DF-7

20-210-275

Revision 21  
5/79



BORING LOG										PROJECT		JOB NO.		SHEET NO.		WELL NO.	
Diesel Fuel Storage Tanks										MIDLAND POWER PLANT		7220-201		1 of 2		DF-5	
COORDINATES										S 5257 E 500		ANGLE FROM HORIZ.		90°		SLANTING	
DATE		COMPLETED		DRILLER		DRILL NAME AND MODEL		WELL DIA.		OVERBURDEN(DFT.)		DEPTH		TOTAL DEPTH			
3/19/79		3/20/79		Raymond International J. Hamman		CMT 45		4 3/4"		-		None		47.5'			
CORE RECOVERY(%)		CORE LOSS		SAMPLES		EL. TOP OF CASING		GROUND EL.		DEPTH TO GROUND WATER		DEPTH TO TOP OF SOIL					
N. A.		N. A.		15		N. A.		634.0		6.2'/627.8'		N. A.					
SAMPLE WEIGHT/FALL				SANDS LEFT IN WELD: DR. ASSTY				LOGGED BY:									
140 lb. / 30 inches				None				W. B. Kinzer									
SAMPLE TYPE AND DIAMETER	SAMPLE ADVANCE LENGTH (CORR. RUN)	SAMPLE RECOVERY CODE	SAMPLE BLOW COUNT	PENETRATION BLOWS			ELEVATION	DEPTH	DEPTH LOG	DESCRIPTION AND CLASSIFICATION	NOTES ON WATER LEVEL, WATER RETURN, CHARACTER OF STRIATIONS, ETC.						
				1ST 4"	2ND 4"	3RD 4"											
							634.0	0		0-5' No samples	Drilling with 6" Nom. O. D. continuous flight augers.						
SS 2"	18	6	14	3	5	9	626.5	7.5		5 -7.5' Silty Clay: Medium gray, stiff, medium plasticity, moist, little fine to medium Sand, trace of fine gravel, with medium to coarse-grained sand seams (CL) (Fill)							
SS 2"	18	18	68	11	28	40		10		7.5-21' Sand: brown, very dense, fine to coarse-grained, wet, trace of silt (SW) (Fill)							
SS 2"	18	18	62	18	30	32		15									
SS 2"	18	18	77	17	27	50		20									
SS 2"	18	8	62	15	30	32		20									
SS 2"	0	0	1000	1000	1000	1000	613.0	21		21-21.5' Concrete							
							612.5	21.5		21.5-31' Silty Clay: Medium gray and brown mottled, very stiff, low plasticity, wet, little fine sand, trace of medium sand to fine gravel (CL) (Fill)							
SS 2"	18	18	23	9	9	14		25									
SS 2"	18	0	28	11	10	18		25									
SS 2"	18	18	17	8	8	9		30		28.5-31' Some fine sand							
SS 2"	18	12	8	6	5	5	603.0	11		31-33.5' Silty Sand: brown, medium dense, fine-grained, wet, trace of medium sand to fine gravel (SM) (Fill)							
SS 2"	18	12	8	1	7	5	600.5	33.5		33.5-40' Sandy Clay: medium gray and brown, medium stiff, low							
							599.0	35									

SS - SILTY SANDS OF - SILENT YIELD.  
 S - SANDS, P - SILTS, C - CLAYS

PROJECT Diesel Fuel Storage Tanks

WELL NO. DF-5

2A-210-270

REVISION 21  
5/79





BORING LOG							PROJECT	JOB NO.	SHEET NO.	HOLE NO.				
							MIDLAND TOWER PLANT	7220-101	2 OF 2	DF-5				
SAMPLER TYPE AND DIAMETER	SAMPLES ADVANCED	SAMPLER CORE NO.	SAMPLER CORE NO.	SAMPLER CORE RECOVERY	SAMPLER BLOWS	PENETRATION BLOWS			ELEVATION	DEPTH	GRAPHIC LOG	SAMPLE	DESCRIPTION AND CLASSIFICATION	NOTES ON WATER LEVELS, WATER RETURN, CHARACTER OF DRILLING, ETC.
						1ST 6"	2ND 6"	3RD 6"						
SS 2"	18	18	10	2	4	6			599.0	35				
SS 2"	18	2	7	2	2	5			594.0	40			36-38.5' Stiff 38.5-40' Very sandy	
SS 2"	18	18	32	8	12	20							40-47.5' Silty Clay, medium gray, hard, medium plasticity, moist, trace of fine sand (CL)	
SS 2"	18	18	42	11	17	25			586.5	47.5			Bottom of hole: Depth: 47.5'	Hole grouted total depth to ground surface.

SS - SPLIT SPHERES; ST - STEEL TUBES  
D - DRILLING; P - PULVER; O - OTHER

SITE

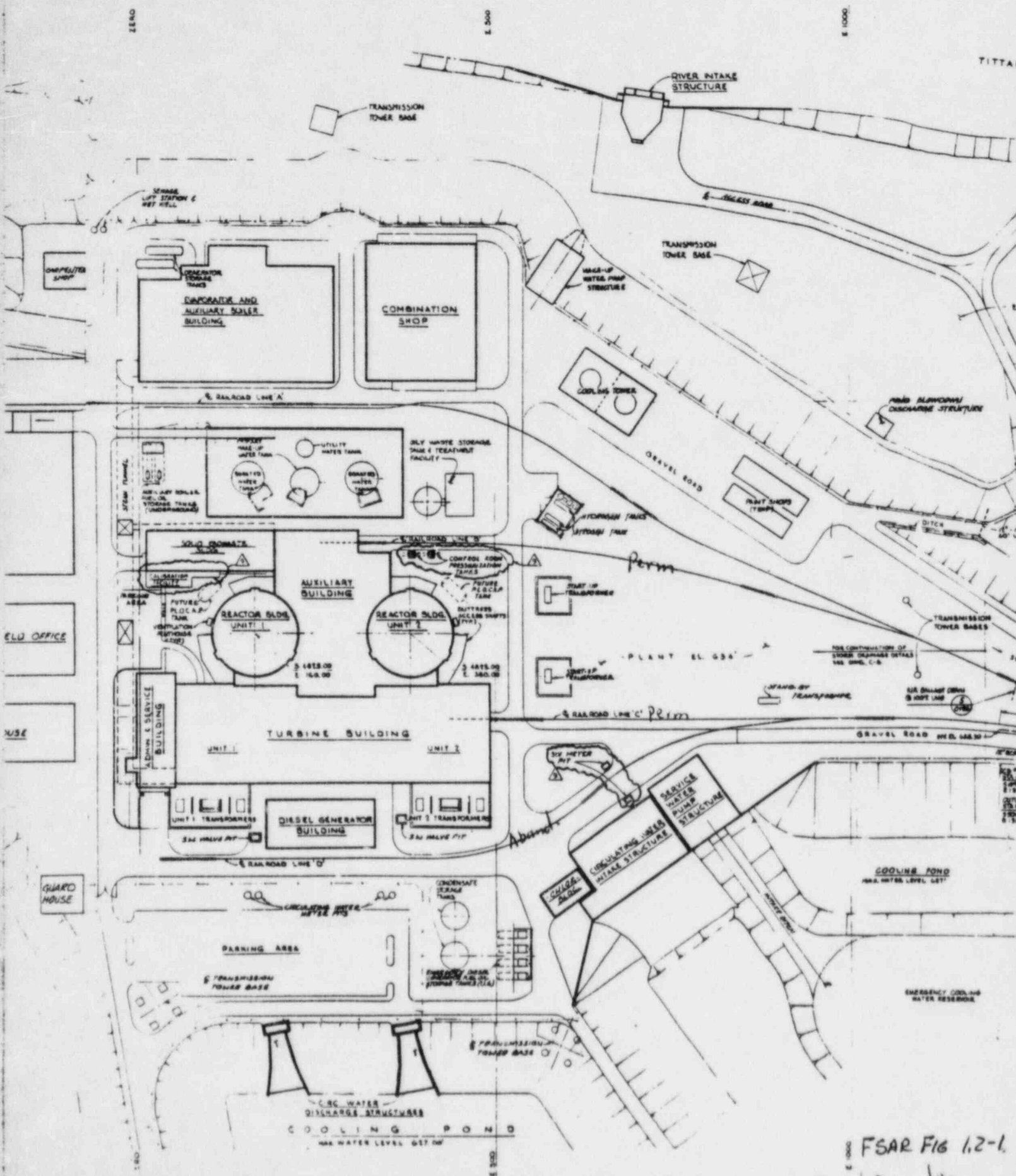
Diesel Fuel Storage

HOLE NO.

DF-5

20-210-271

Revision 21  
5/79



E 1000

E 500

E 1000

TITTAB

RIVER INTAKE STRUCTURE

TRANSMISSION TOWER BASE

STEAM TRUNK LINE

EXHAUSTION TOWER TANKS  
CORPORATE AND AUXILIARY BUILDING

COMBINATION SHOP

TRANSMISSION TOWER BASE

MAKE-UP WATER PUMP STRUCTURE

COOLING TOWER

RAILROAD LINE

UTILITY WATER TANK  
WASTE WATER TANK  
WASTE WATER TREATMENT FACILITY

GRAVEL ROAD

PLANT SHOP (TEMP)

REACTOR SLUG UNIT 1  
REACTOR SLUG UNIT 2  
AUXILIARY BUILDING  
TURBINE BUILDING UNIT 1  
TURBINE BUILDING UNIT 2

STEAM TRUNK LINE

PLANT SHOP

PLANT SHOP

PLANT EL 554'

TRANSMISSION TOWER BASES

ELC OFFICE

USE

GRAVEL ROAD

DIESEL GENERATOR BUILDING  
UNIT 1 TRANSFORMER  
UNIT 2 TRANSFORMER

SERVICE WATER PUMP STRUCTURE  
CIRCULATING WATER INTAKE STRUCTURE

COOLING POND

GUARD HOUSE

PARKING AREA  
CONDENSATE STORAGE TANKS  
EMERGENCY COOLING WATER RESERVOIR

COOLING POND

FSAR FIG 1.2-1

Rec'd from Jensen