Sta 1 + 3.58 Raceway at Route 15

0+00		
0+08	2.82	
0+11-2	2.86	
0+14	3.22	
0+17	4.21	
0+18	4.63	
0+20	6.74	
0+35	5.11	
0+38	3.42	
0+41½	3.22	S.W. Edge Trench.
0+45	4.60	

Test Pit #1	1.70	N.E Cor.
N.S	2.00	S.E "
1'-8" x 1'-10"	1.29	N.W "
	1.64	S.W "

Test Pit #2		
N-S E-W	3.52	N.E Cor
1-7" x 2'-3"	3.75	N.W "

Sta 1 To N.E Cor T.P.2 37'-10"
S.E 37-9"

Sta #2 N.W. Root Giant Tree

Sta #2		To N.E. Cor	25'-8"	T.P #2
		N.W "	27'-3"	"
		S.E "	41'-2"	T.P #1
		N.E "	42'-6"	"
		S.W "	32-3½"	Trench #1
		N.W	34-1"	" "
		S.W "	28-10"	Middle Trench #1
		S.E "	23-0½"	"
		N.E "	28'-7"	
		N.W "	30'-10½	
2'-10"	Top	N.E "	23-3	Trench #1 E. Bank
3-5"	Btm	S.E	21-5½	" " "

sta 1 to	N.E. Cor	Trench 1	E. Bank	11'-6"
" "	S.E "	" "	" "	11'-2"
		Middle Trench #1		
"	N.E "	"	"	24'-10"
"	N.W			34-3"
2'-2" wide " TOP	N.W "	Trench #1	W.B	42-0 1/2"
3'-3" " " Btm	S.W "	"	"	41-6"

✓ TR1

	50	55	560	515	520	525	530	58.5
Surface	3.05	2.25	1.2	.7	.6	.35		
Base of Sy		6.35	6.2	6.2	5.5	4.65		
Base Charcoal Lin.			3.25	3.85	4.6	4.60	4.75	3.2
top of Charcoal			2.75	3.35	3.9	3.9	4.0	2.7
top Rocks					3.5	3.25		
Shattered Rock					.9	.9	1.5	
Base Humus			1.2	1.45			1.1	1.9
Base yellow fill			4.8	4.35				4.15
~~[illegible]~~								
Brown wedge								3.25
Base Horizon	5							

N27.8

CK 19.

9/20/79

4.3
3.3
2.0

LS. gray

9/20/79

	N0	N5	N10	N15	N20	N25	N27.8
Surface	6.05	6.45	6.55	6.09	6.0	4.7	} 3.3
Base	8.35	8.85	8.25	8.01	8.4	6.25	
top Rock							+1.2

CK 4-17, TR. 6

READINGS BELOW DATUM

(circled) excavated

	N 0	N 5	N 10	N 15	N 20	N 17	18.7	22.5	N 25	27.5	30	35	40	45	47
Surface	2'	1.05'	1.5'	.4		.55						4.05	4.35	3.9	3.85
Base Excav.	2.5	6.1	6.3	6.6	6.8				7.35	7.55	7.95	8.35	9.2	8.5	
top Subsoil (1)		4.55	4.8			4.0				4.8					
top Blm. sand (3)		3.65	3.35												
DK Br. gumbo (5)						1.1									
Chan. st. (4)						1.6									
Base F1					5.45			6.2	5.8						
Base Burm Ditch												6.15			

TR 6

	1st D.P					2nd D.P						
	N0	N5	N10	N15	N20	N25	N30	N35	N1.6	N12.5	N2.5	N3.5
Surface	.1	1.65	1.95	1.8	3.25	2.1	3.65	3.95	.6			
Base of Excav.		7.35	8.3	6.1	6.55	4.45	5.3	5.65	6.3	8.4		
Base of Shale											3.95	
top clay		3.05	2.75	2.6								2.65
Base clay		3.05	3.95	3.6								3.05
top subsoil		7.75	8.2	6.45	6.45	4.15	5.05					
Probable mottled clay		4.3	3.95									
top sand		5.5										

TR. II

1st D.P — 2nd D.P. 4.2 below 1st D.P

	N0	5	10	15	20	25	30	35	38	N1	N8	N12.2	N11.5	N12.1
Surface	6.7	2.85	3.3	3.7	1.1	2.55	4.05	4.65	5.95					
Base Ey	6.6	8.75	9.2	9.4	5.95	6.55	6.85	6.15						
Base Grey Clay	3.8	5.6	5.8							4.3	5.3			
top grey clay		4.0	4.3											
Buttress jct.												4.95		
top yellow soil	8.6	9.25	9.05										6.7	
														7.8

Bottom Bedrock

top Bedrock 7.05

top yellow soil 8.3 5.3

top rocks 7.6 2.6 (22)

top shattered Bedrock 4.95

Shattered Sands & Gravels & furnace tailings - 4.1

top [1] 5.7 → 8.95 Bottom

[2] 6.3 8.05

[3] 7.35 7.5

Bottom [4] 8.65 → 5.8 top

Test 2

	N 0	N 5	N 10	N 15	20
Surface	.6	2.41	3.64	2.2	
Base Ex cav.	4.5	4.93	4.64	4.41	
Base Sq. Hole	6.44				
Base U.S.15 Str.	5.2				
Base Gray Clay	5.7				

Place Gray

	N 0	N 5	N 2	N 10
T2 Surface	.74	2.74		
Base Ex	3.4	5.6	5.9	4.9
Base Hole test		7.02	6.41	
End Gray Clay			5.3	
Base U.S.15 full			4.23	3.63
Base dark zone				4.53

	N 0	N 5	N 4	N 10
T3 Surface	.07	2.51		3.34
Base Ex	1.7	4.0	3.7	2.04
Base Gray clay		3.1		

C/2, F 2A
9/26/79

3rd level

	S 35	S 30	S 25	S 20	S 15	S 10	S 5	S 0	S 29.5
Surface			1.4	2.64	3.78	4.85	5.1	4.94	1st
Base Ex:			4.3	10.98	12.0	11.95	6.9	5.85	
Top yellow						9.4			
Base light top stra				9.6		6.1	5.88		
Base Lt. Brown str.					8.1				
top "			6.5		5.4				
top nat. clay lay			3.9	7.5					
top of cord									

2nd level

1.3

9/15/79

CK 4-17 Tr. I

String Datum Stake S0, Surface = 0

Below Datum Readings

	S0	S5	S10	S15	S20	S25	S30	S35	S40	S45	S43	Notes
Surface	0'	1.5'	2.5	2.5	2.0	2.0						
Base 1		2.3	2.95									
Base 2		2.8'	3.5	3.3								
Base 3		4.6	4.2	3.9								
Base Excavat.		5.2'	5.2'	5.3	8.6	8.6						
Base of Clay					3.0							
.3a top tailing						4.7						
2nd Datum 1 1/2' above Fuel												
Surface							4.15	1.4		0	.1	
5.3 Base Ex.							9.6	8.18	7.85		6.8	Coarse Sand
1.4 Bottom tailing							6.65	7.0	7.3			
3.9 top "							6.55		6.75			
5.3 Bottom gray and clay							5.05	5.0	4.7		4.4	
2 top sand								7.6				
7.3 Bottom full ash								4.3			3.7	
Base Coarse Sand									7.3			
top clay									3.85			

CK 17.5R.1

	N 0	N 5	N 10	N 15	N 20	N 25	N 30	N 35	N 40	N 45	N 43
Surface	.1	1.1		2.3	2.9		3.15	3.35			
Base Ex.		8.4	8.9	9.0	8.0	7.35	7.55	8.2			6.35
Top Red Subsoil		6.2	6.25	6.65	6.2	4.8	4.45	4.1			
top yellow subsoil		4.75	5.7	5.8							
top Br. Fine		2.85									
Charcoal		2.45									
Base Lt top soil		1.65	2.25								
Top Sand			4.7	5.15	5.55						
Base Berm											
Detail				3.9							
Base Sand					6.0						
Bottom Berm det					5.6						
Base Berm						4.75					

CX. 4-17
TR. 4

Read S for N

TR V

1' 2'

	N 0	N 5	N 10	N 15	N 20	N 25	N 30
Surface	3.55	3.1	4.1	4.25	2.7	1.3	.7
top clay Base sand	5.0	3.6	4.1	"	3.65	4.1	4.1
Base Excav	5.8	8.1	9.1	9.4	8.65	8	6.75
yellow Pens							2.45

read N for S?

	S-5	S-10	S-15	S-20	S-25	S-30
Surface	3.2	3.60	3.5	3.45	3.5	
Base Ex.	7.50		7.65	7.5		
top Subsoil	4.9	4.9	5.95	5.55	5.6	
top Dark St.						
Top Sand.	4.25	4.25				
top Lt. Gumbo		4.6	4.5	4.35	4.65	

	S 0	S 5	S 10	S 15	S 20	S 25	S 30	S 35	S 40	S 45	S 3
Surface	5.45	5.3	4.8	4.75 10.3+	4.3	2.8	1.6	.65	.35		9.85
Base Ex		11.19	11.25	↙	10.60	9.8	7.75	7.1	6.95		
Base Sur	7.8	7	7.05	6.8	5.8						
top. Clay ②					6.4	6.8					
Rust Hardening top					7.9	5.7	5.2	4.85			
Base pebbles ③					6.5						
Bottom Rusty large							6.75		6.2		
Bottom Lt. Clay large							4.0				
Crumbled clay							3.45				
top gray clay							2.2	2.25			
top. Lt. Brown clay.							3.2				
top. gray ~~[illegible]~~ clay											
top Rusty large									5.0		
top gray Zone									4.0		

CK11 Ch.10
9/24/79

	5	0	5	5	5	10	5	5	5	20	5	25	5	30	5	35	5	40
Surface	.55		.65		1.2		3.15		5.75		7.5		5.4		3.6		1.9	
Base Lt. Clayl			2.0		2.4								1.1					
Brone Ep			5.5		5.6		5.6		7.2				4.65					
Top Clayl			9.35		4		4.6											
Bot. gneiss					2.25													

Rec'd 5 for N ↓

TR. 8. 9/20/79
CK. 11

	N0	N5	N10	N15	N20	N9	N22	N23.9
Surface	1.55	1.05	1.8	1.9	2.95			3.3
Sand top		8.75	9			8.65		
Base of Sp		9.65	4.05			9.25		
Base Grey Not Clay			5.55		5.8			
Base Lt Brown Sal Ditch			3.15					
							4.10	

	S 0	S 5	S 10	S 15	S 20	S 25
Surface	4.3	3.75	4.55	3.85		3.6
pave	4.3		8.05	8.9	9.0	
4. Brown gumbo		7.05				
Pave F1 Pit			6.5	6.8	5.75	
Top (4)					6.2	
Base (4)					7.25	

XR17
C/C 11
9/20/79

Sta	H.I.	Reading	Note
32 3	4.28	-5.1	N 35
33		-6.1	N 30
34		-7.02	N 25
35		-6.93	N 20
36		-7.03	N 15
37		-6.83	N 10
38		-5.64	N 5
39		-4.3	N 0
40			

Trench II Aug 3, 1949

		H.I.	Point	
1.	Sta. 2	58"		86' N of Sta 2
	Sta 3.	'4.33'	-4.6 below Sta. 2 H.I.	"
392.	N 0		-10.58	
86.3	N 5		-9.59	
4	N 10		-8.91	
5	N 15		-7.61	
6	N 20		-6.04	
7	N 25		-5.01	
8	N 30		-5.31	
9	" 35		-5.42	
10	N 35 + 8"		-3.6	top of retaining wall
11	N 35 + 8"		-7.61	Bottom of wall.

the width of this trench

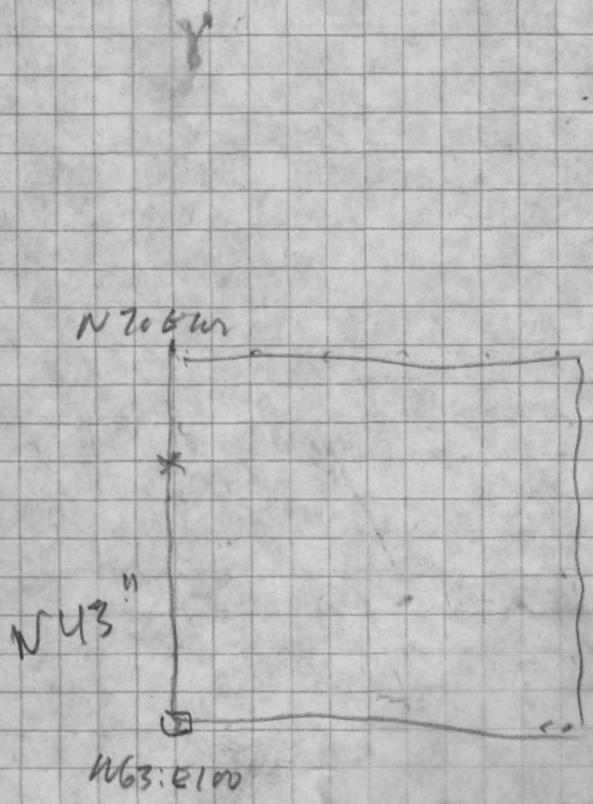
Trench III

Sta. 3.	4.33"		
12.	N 0	-7.2	
13	N 10	-3.35	
14	N 15	-3.55	
15	N 20	-3.65	
16	N 25	-3.7	
17	N 25 + 2'	-2.8	top of wall
18	N 25 + 2'	-5.57	
19	N 5	-6.3	

Transit Level Reading. CK. 4 (Ft + Tenth of Feet

Datum is from 4.1.5.1 always.

No.	H.I.	Location	Ground Level Sight	EL	Description
		Datum Plane is H.I. at Sta. 1.			
7/26/79 Sta. 1.	5.1	N50:E100	0	0	
1	4.8	N55E100	-4.8	+.3	Stake, Grid
2	4.2	N65 E100	-4.2	+.9	Grid Stake
3		N65:E100 N51E24"	4.28	+.82	NE Corner of Hse
4		N75:E100	5.6	-.5	Grid Stake
5		N80:E100	5.55	-.45	"
6		N90 E100	6.68	-1.78	"
7		N95 E100	5.88	-.78	"
9		N100:E100	5.30	-.2	"
10		N65:E100 N43"	-7.2		Base of Profile Tr. 1.
11		"	-4.08		Top of Profile Tr 1A
12		N65:E95	-5.73		Half way Tr 1A
13		"	-5.61		all way Tr 1A
Sta. 2 14		N E100	5.1 + 5.2	= 10.3 - .1 at 10.1	above 1st datum Kerns
Sta. 1	4.7				Check this.
15					Mark on tree
15	4.7'		(5.55)		
	+.4'		5.95		SW Corner of Hse
16			3.5 +.4		
			3.9'		
17			6.98' +.4		Cement top, Spring
			7.38'		
18			8.98		Depth of Sand
19			5.8 +.4		S Stake Tr 1.
			6.2		F.2.
20			3.83 +.4		
			4.23		NE Corner Hse
21			5.4 +.4		
			5.9		SE Corner of Hse
22			2.3 +.4		NW Corner "
			2.7		
22					Mesurement, 4" below top of cement F2 spring is water
		5.02	- ~~5.86~~		
23	Sta. 2	~~5.05~~	- ~~4.86~~ 0.10		Sta 3 @ trench I 125.9 S of Sta. 2.
24	Sta. 3.	4.28	-4.28		Stake S0
25			-6.74		Stake S5
26			-6.92	2.01	" S10
27			-7.38	2.1	" S15
28			-6.92		" S20
29			-7.01		" S25
30			-8.00	4.44	" S30
31			-5.79		" S35
32					



NE corn. located in
Sq. N63:E100 N 51, E 94"