

my send P.D.A.

Regulatory

File Cy.

50-331

MEMO ROUTE SLIP Form AEC-93 (Rev. May 14, 1947) AECM 0240		<input type="checkbox"/> See me about this.	<input type="checkbox"/> For concurrence.	<input type="checkbox"/> For action.
		<input type="checkbox"/> Note and return.	<input type="checkbox"/> For signature.	<input type="checkbox"/> For information.
TO (Name and unit)		INITIALS	REMARKS	
Public Document Room			The following boring logs, which were received from Iowa Elec. Light & Power Co. (Docket No. 50-331) on an informal basis, should be placed in the RPA	
		DATE		
TO (Name and unit)		INITIALS	REMARKS	
Distribution: BWR-1 File W. Minners			Logs #105, 104, 106, 107, 108, 116, 121, 123, 133, 134, 135, 136, 137, 149, 150, 151, 152, 153, 154, 155, 166, 167, 168, 169, 170, 171, 172, 185, 186, 187, 188,	
		DATE		
TO (Name and unit)		INITIALS	REMARKS	
S. H. Kari			189, 190, 191, 192, 199, 204, 205, 206, 207, 208, 209, 221, 222, 223, 238, 241, 242, 243, 249, 250, 251, 252, 253, 254, 255, 256, 263, 264, 271, 257, 259,	
		DATE		
FROM (Name and unit)		REMARKS		
Sybil H. Kari BWR-1/DRI.		278, 281, 55A, 123A, 125A, 149A, 151, 166, 179, 224, 225,		
		229A, 231A, 233A, 237, 258, 272A, 273A, 280A, 291, 292, 293, 294,		
		295, 296, 297, 298, 299, 300, 301, 302, 303, 304, 305, 306, 307,		
PHONE NO.	DATE	308, 309, 310, 311, 312, 313, 314, 315, 316, 317.		

USE OTHER SIDE FOR ADDITIONAL REMARKS

GPO : 1968 O-294-619

BY _____ DATE _____

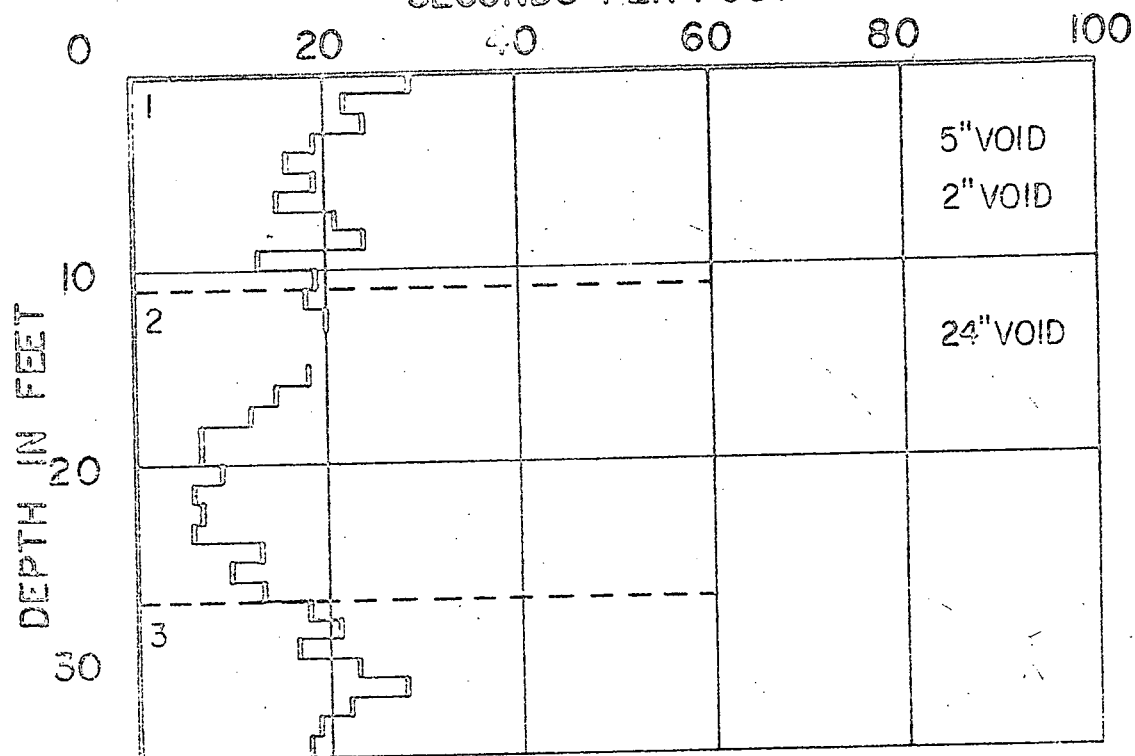
CHECKED BY _____

FILE _____

REVISIONS

BY _____ DATE _____

BORING 55A

RATE OF PENETRATION
SECONDS PER FOOT

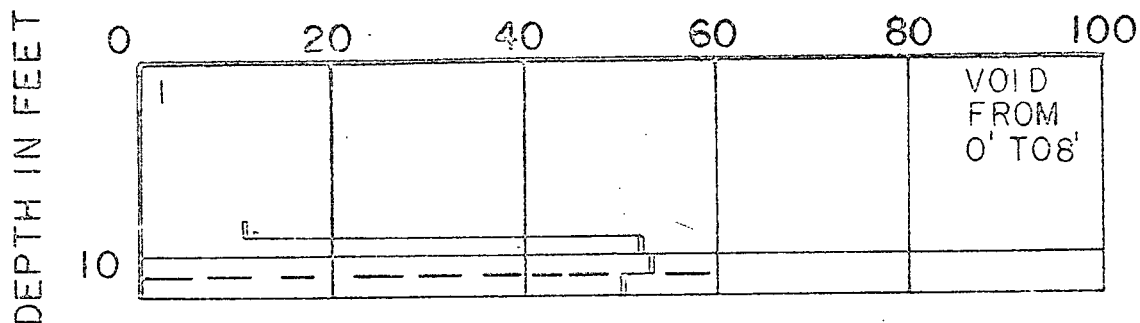
BY _____ DATE _____
 CHECKED BY _____

FILE _____

REVISIONS
 BY _____ DATE _____

BORING 123A

RATE OF PENETRATION
 SECONDS PER FOOT



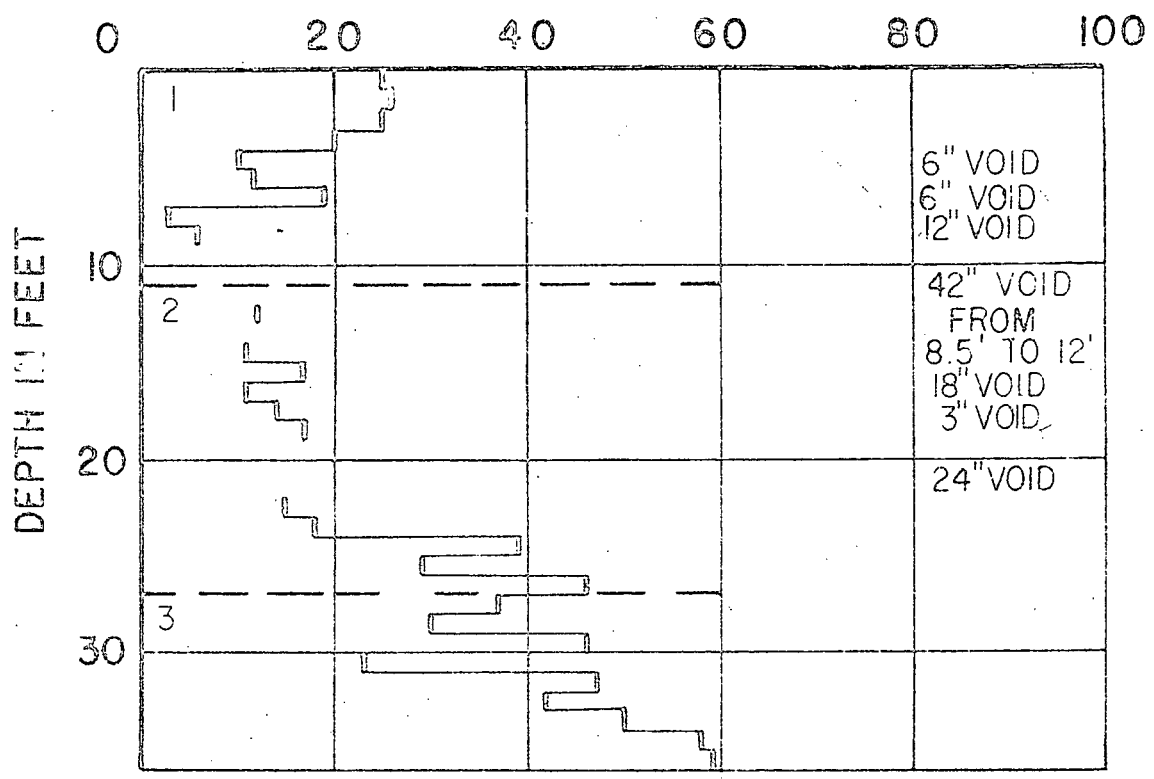
BY _____ DATE _____
CHECKED BY _____

FILE _____

REVISIONS BY _____ DATE _____

BORING 125A

RATE OF PENETRATION SECONDS PER FOOT



BY _____ DATE _____

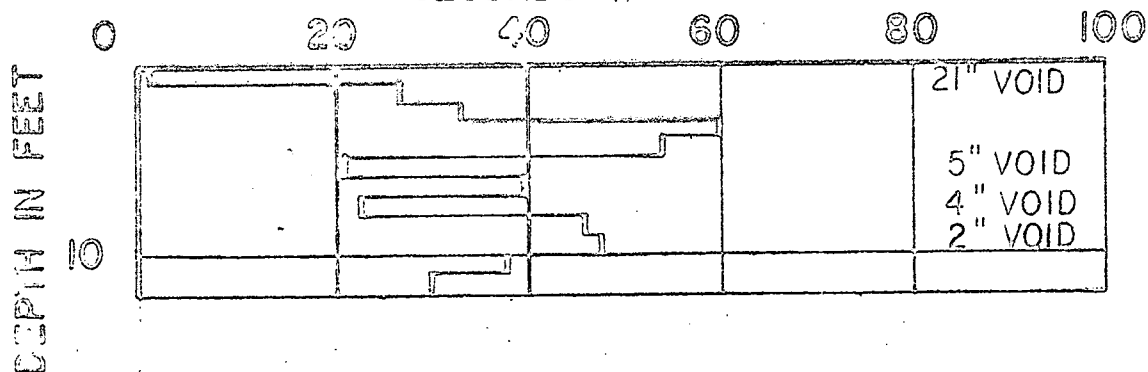
CHECKED BY _____

FILE _____

REVISIONS

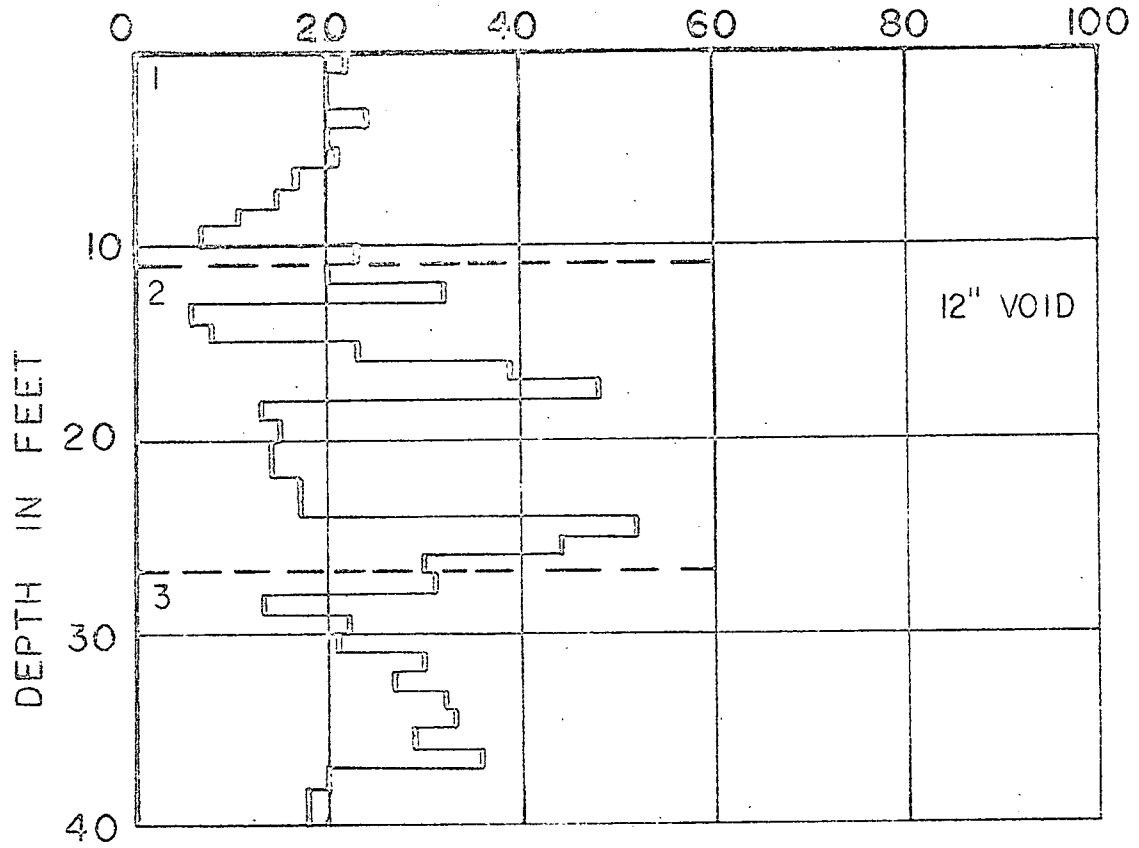
BY _____ DATE _____

BORING 149A

RATE OF PENETRATION
SECONDS PER FOOT

BORING 151

RATE OF PENETRATION
SECONDS PER FOOT



REVISIONS
BY _____ DATE _____

FILE _____

BY _____ DATE _____
CHECKED BY _____

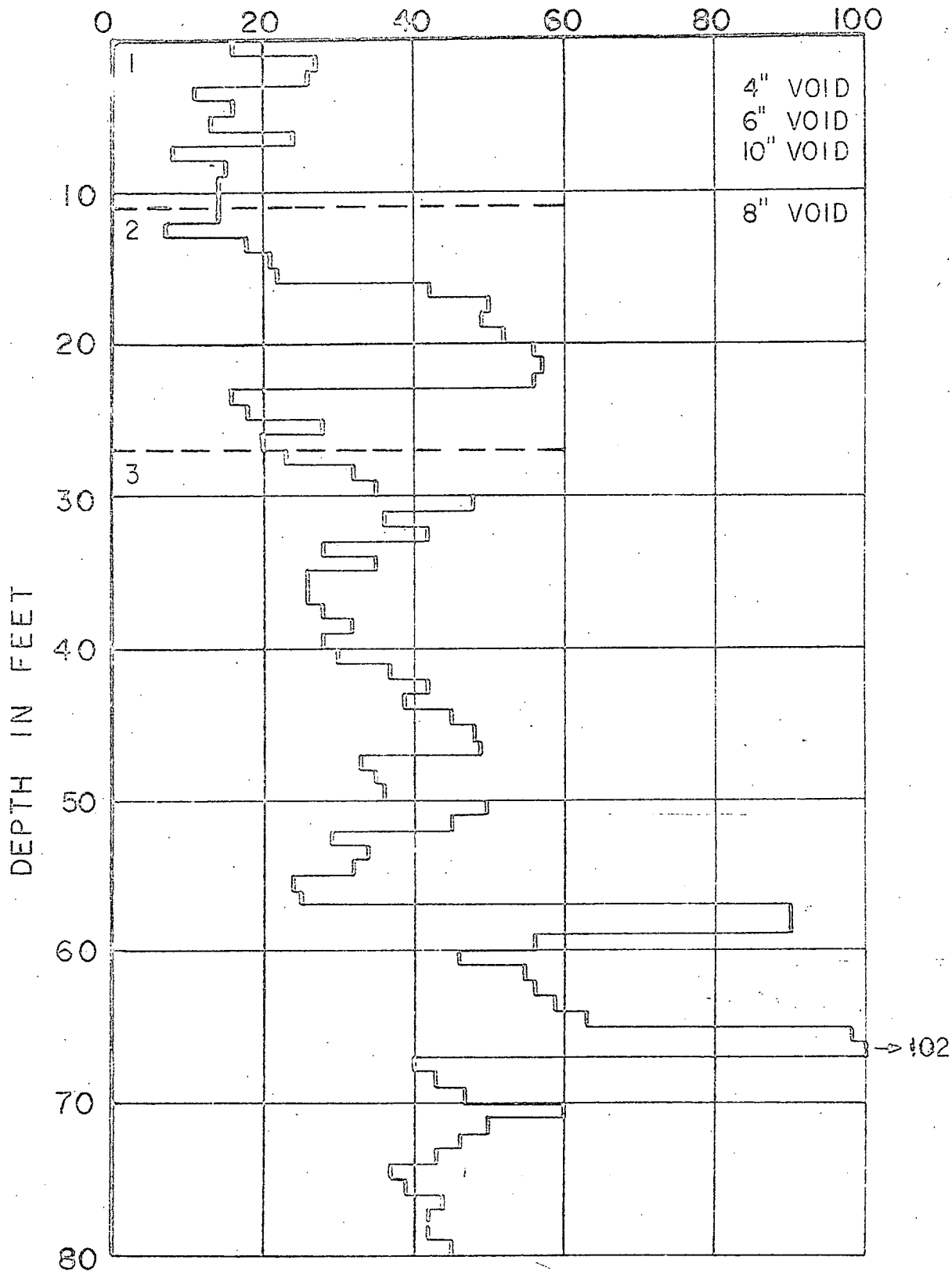
BY _____ DATE _____
 CHECKED BY _____

FILE _____

REVISIONS
 BY _____ DATE _____

BORING 166

RATE OF PENETRATION
 SECONDS PER FOOT

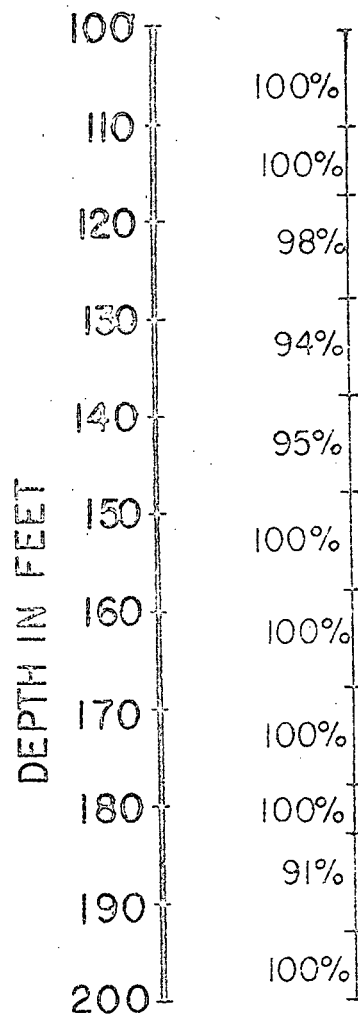
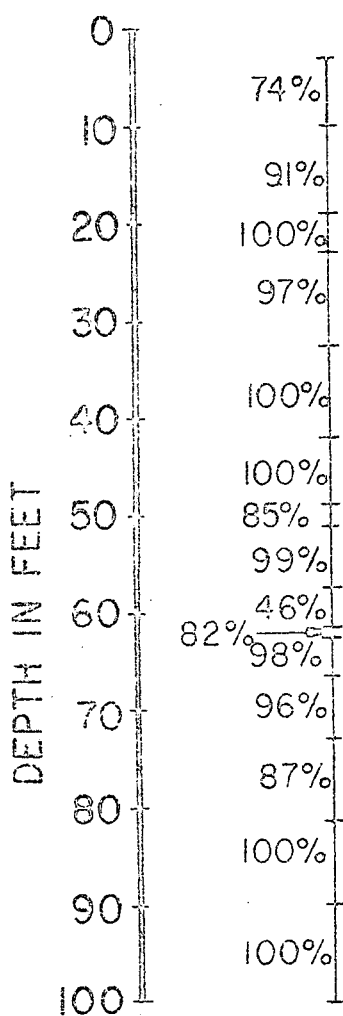


BORING 179 NX CORE

REVISIONS
BY _____ DATE _____

FILE _____

CHECKED BY _____ DATE _____

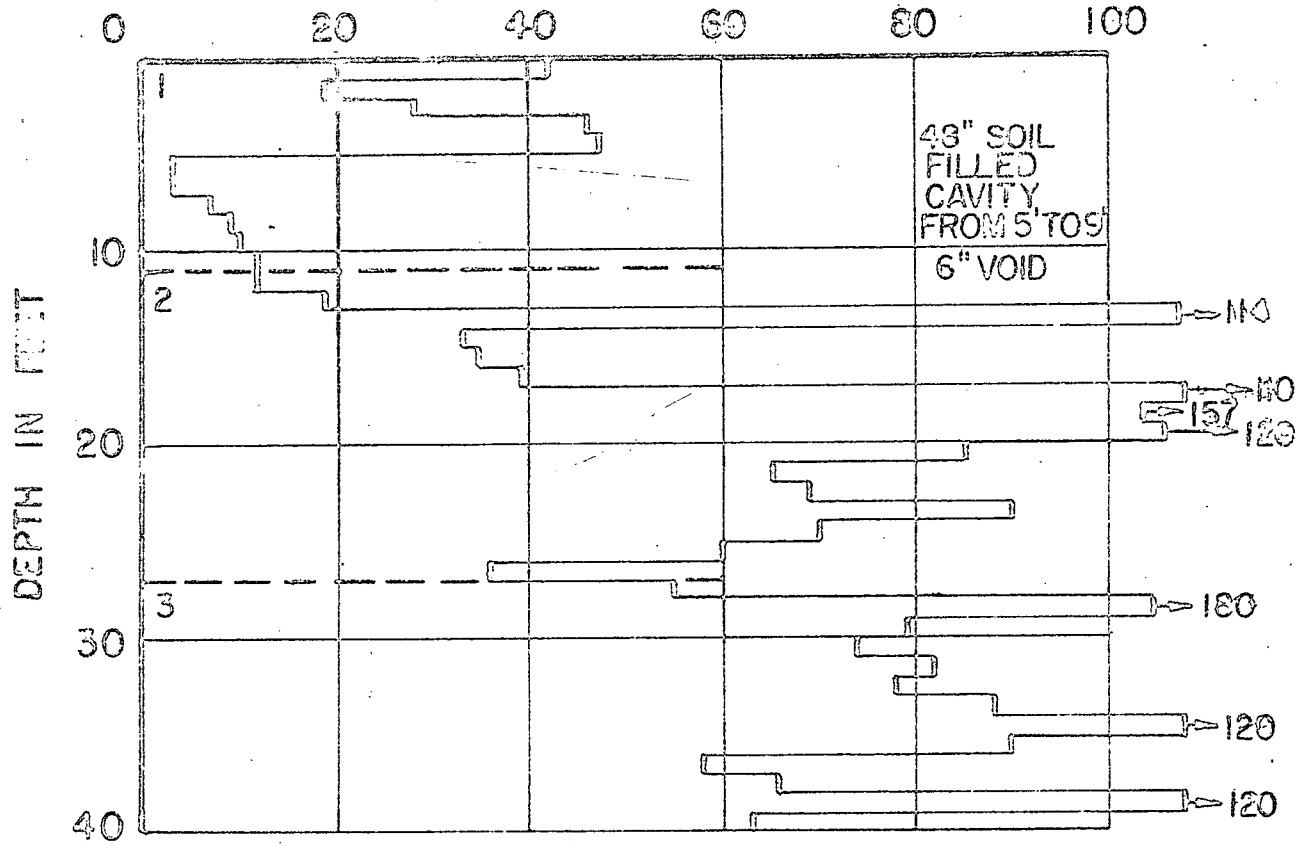


4" VOID

100% | INDICATES DEPTH, LENGTH, AND
PERCENT RECOVERY OF CORE RUN

BORING 224

RATE OF PENETRATION
SECONDS PER FOOT



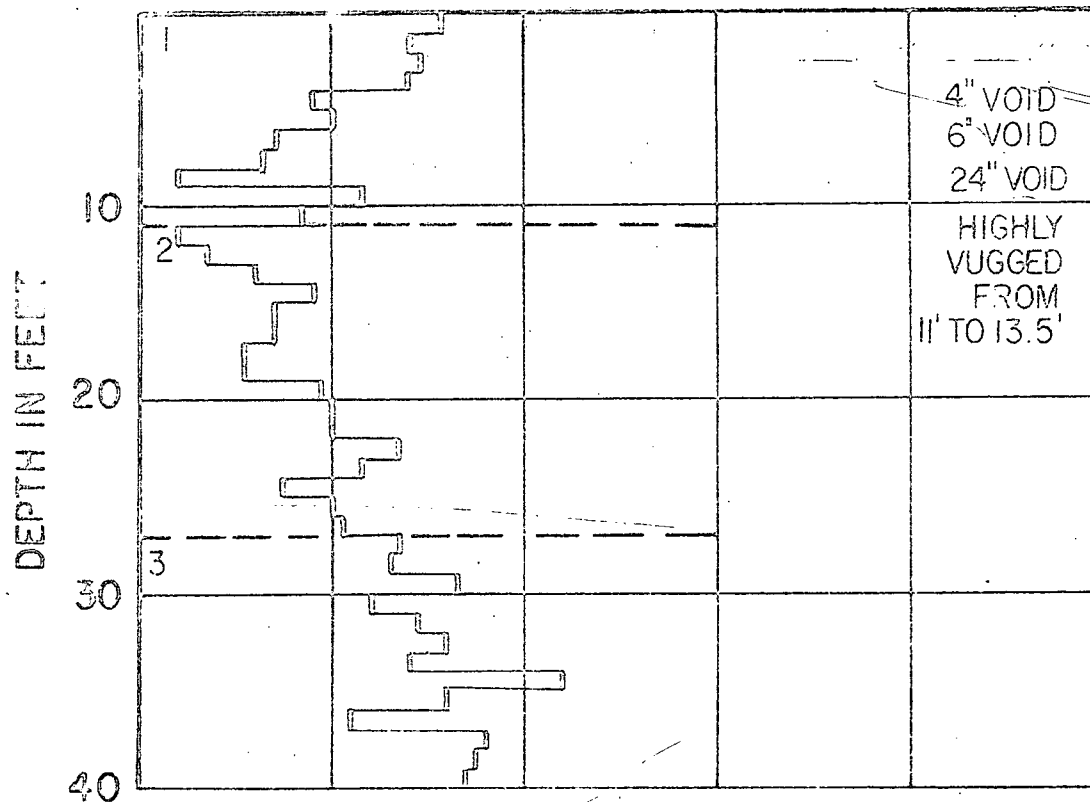
REVISIONS
BY _____ DATE _____

FILE

BY _____ DATE _____
CHECKED BY _____

RATE OF PENETRATION
SECONDS PER FOOT

0 20 40 60 80 100



DAMES & MOORE
APPLIED EARTH SCIENCES

PLATE

DAY _____ DATE _____

31-1-13

SECTIONS

DATE _____

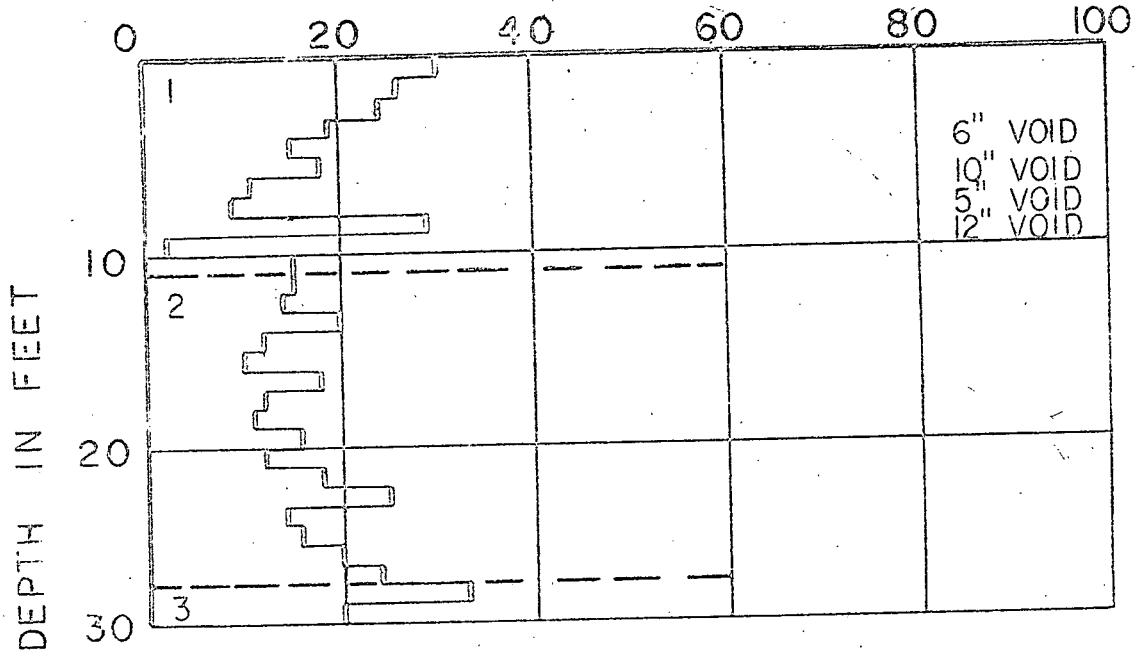
REVISIONS
BY _____ DATE _____

FILE _____

BY _____ DATE _____
CHECKED BY _____

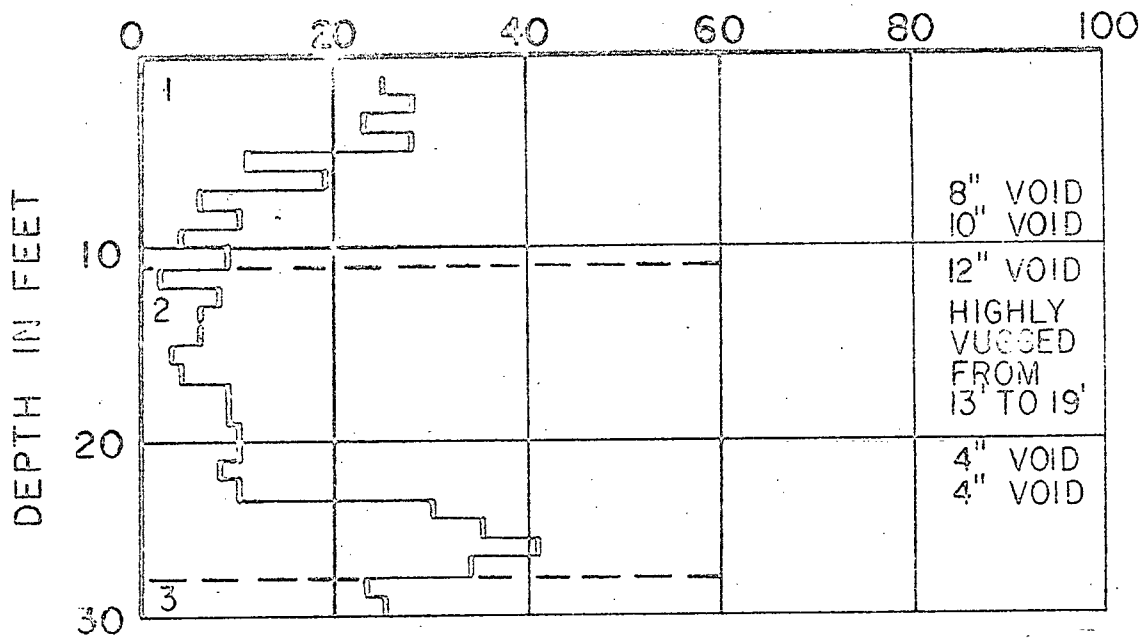
BORING 229A

RATE OF PENETRATION
SECONDS PER FOOT



BORING 231A

RATE OF PENETRATION
SECONDS PER FOOT



REVISIONS
BY _____ DATE _____

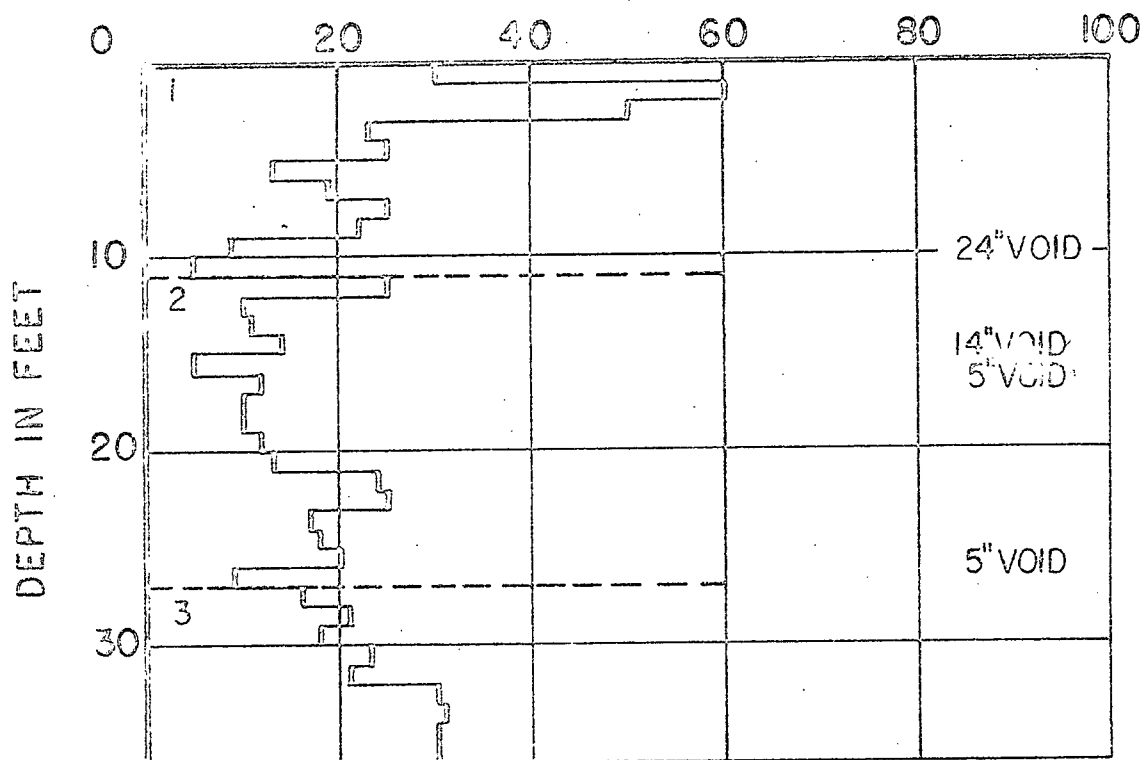
FILE _____

BY _____ DATE _____
CHECKED BY _____

BY _____ DATE _____
CHECKED BY _____REVISIONS
BY _____ DATE _____

FILE _____

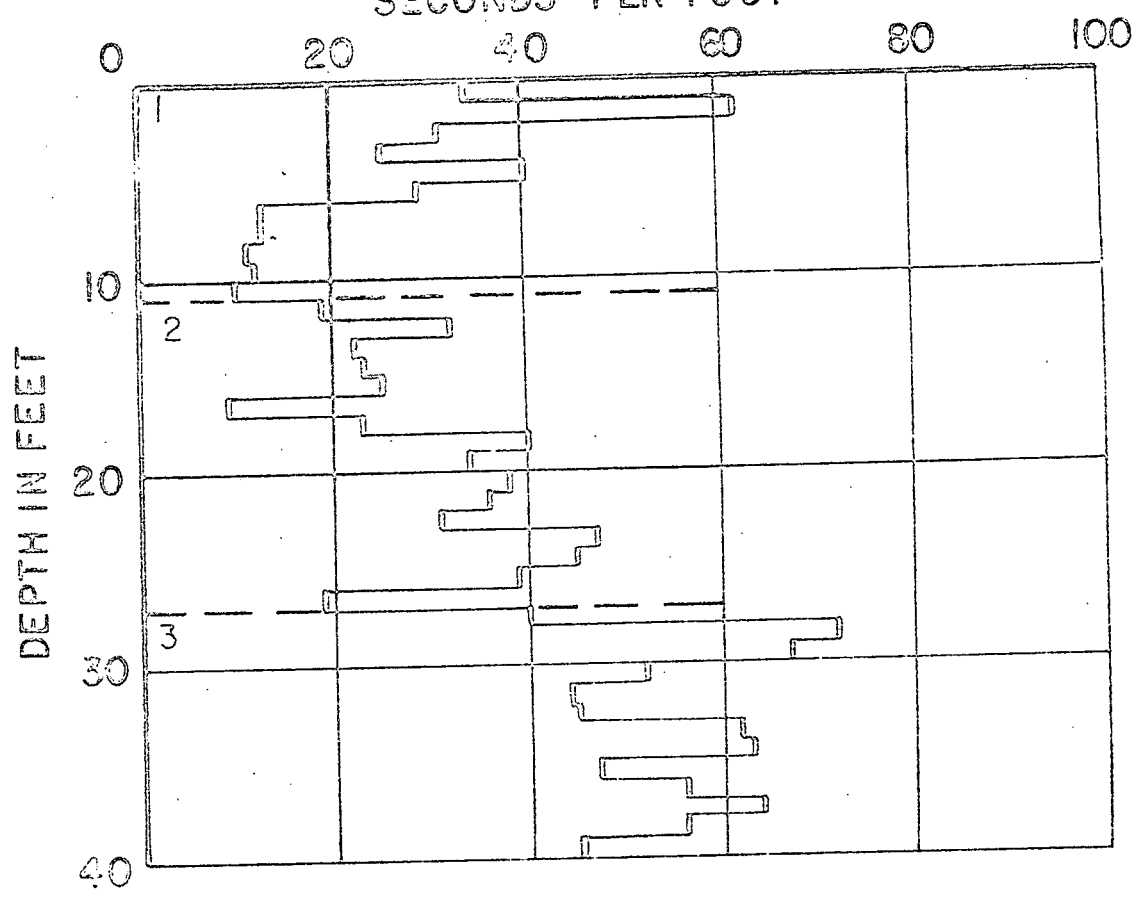
BORING 233A

RATE OF PENETRATION
SECONDS PER FOOT

BY _____ DATE _____
CHECKED BY _____ FILE _____
REVISIONS BY _____ DATE _____

BORING 237

RATE OF PENETRATION
SECONDS PER FOOT



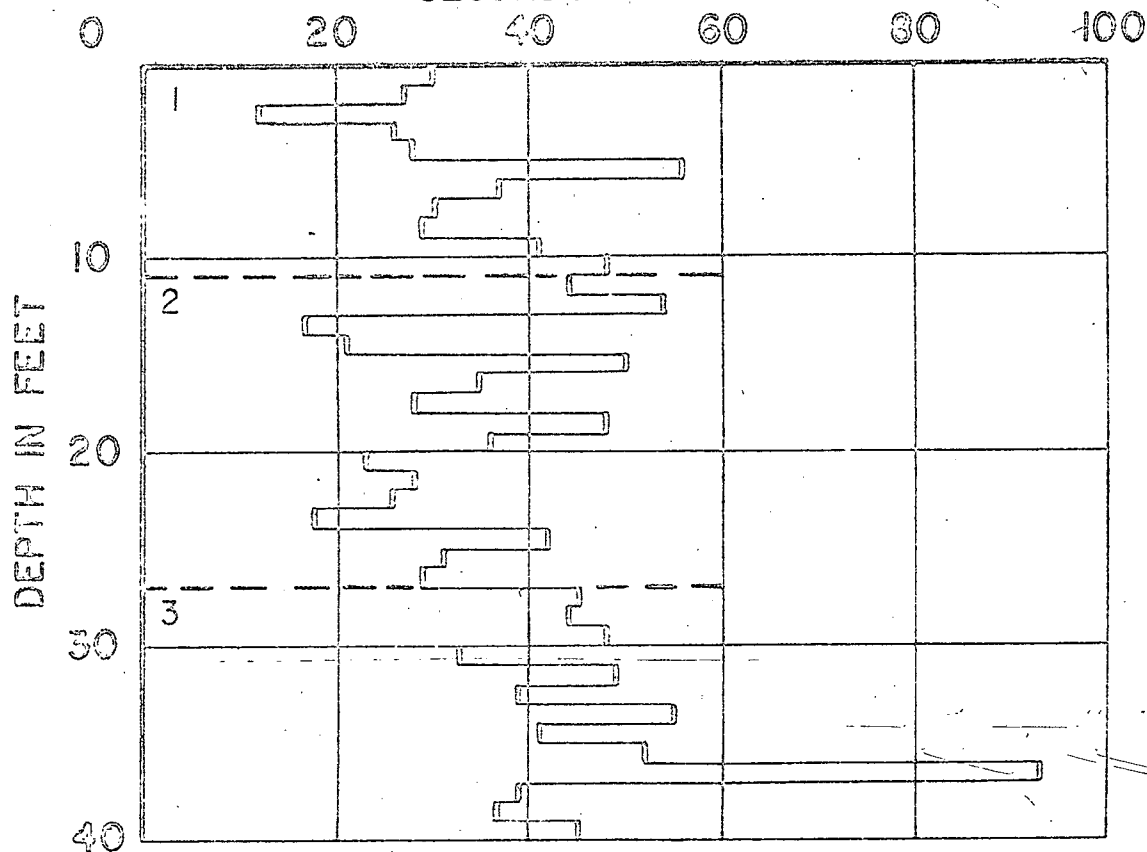
CY _____ DATE _____
 CHECKED BY _____

FILE _____

REVISIONS
 BY _____ DATE _____

BORING 258

RATE OF PENETRATION
 SECONDS PER FOOT



BY _____ DATE _____

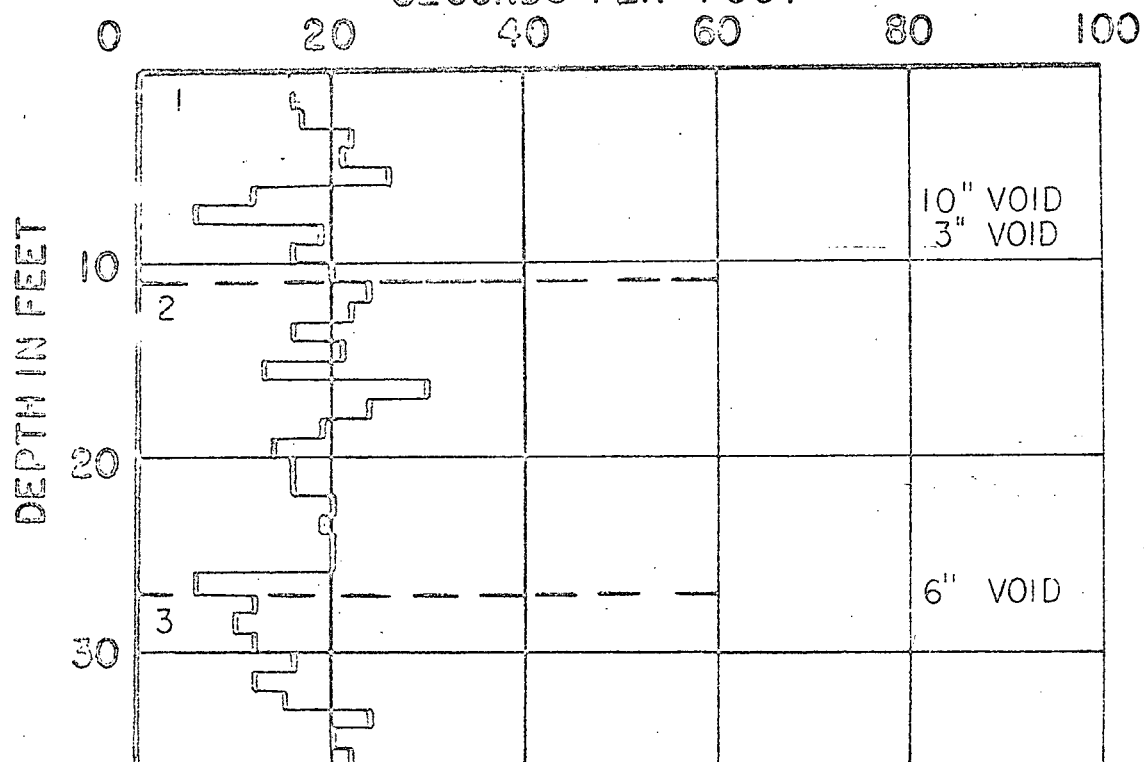
CHECKED BY _____

FILE _____

REVISIONS

BY _____ DATE _____

BORING 272A

RATE OF PENETRATION
SECONDS PER FOOT

BY _____ DATE _____

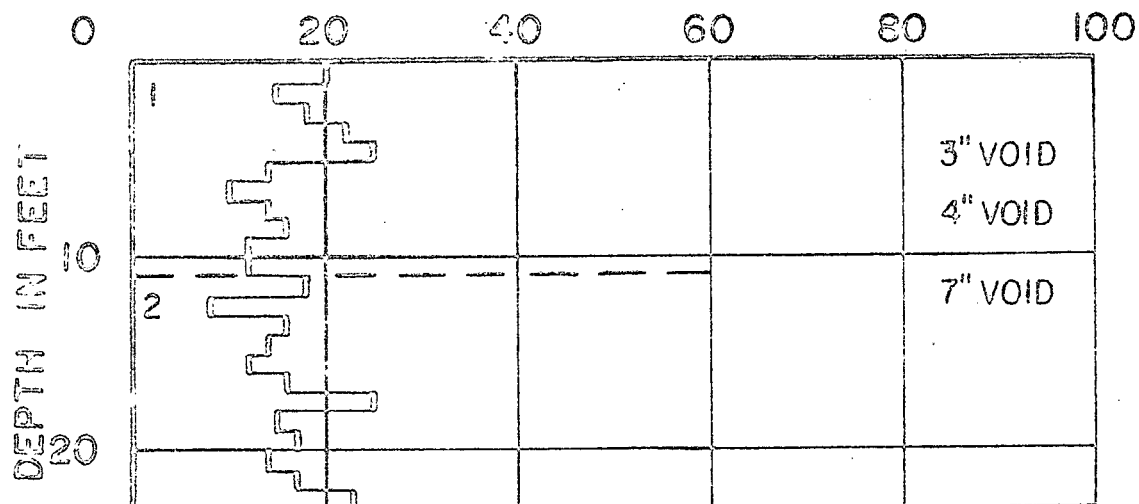
CHECKED BY _____

FILE _____

REVISIONS

BY _____ DATE _____

BORING 273A

RATE OF PENETRATION
SECONDS PER FOOT

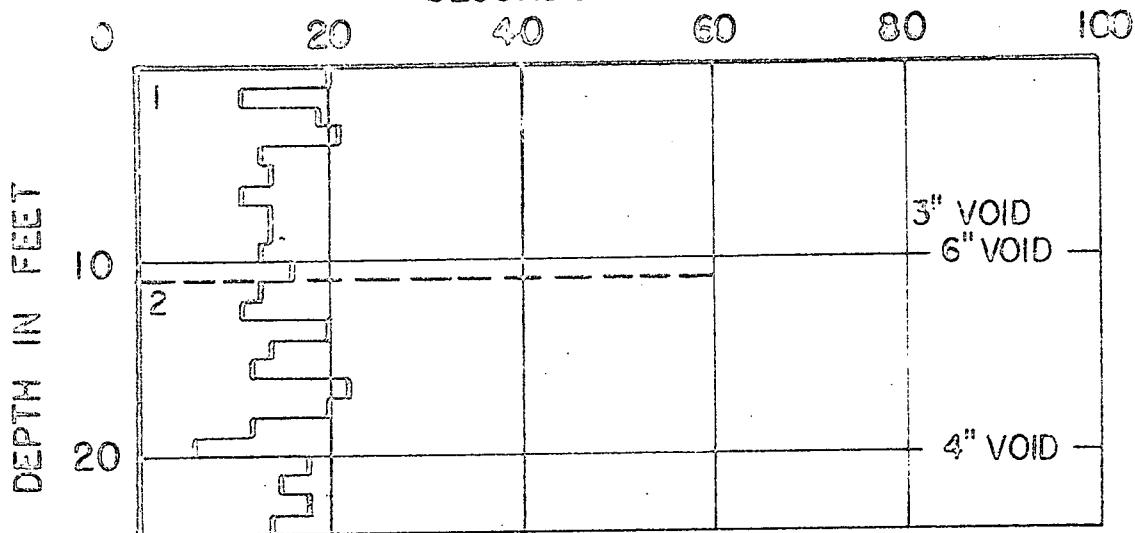
BY _____ DATE _____
 CHECKED BY _____

FILE _____

REVISIONS
 BY _____ DATE _____

BORING 280A

RATE OF PENETRATION
 SECONDS PER FOOT



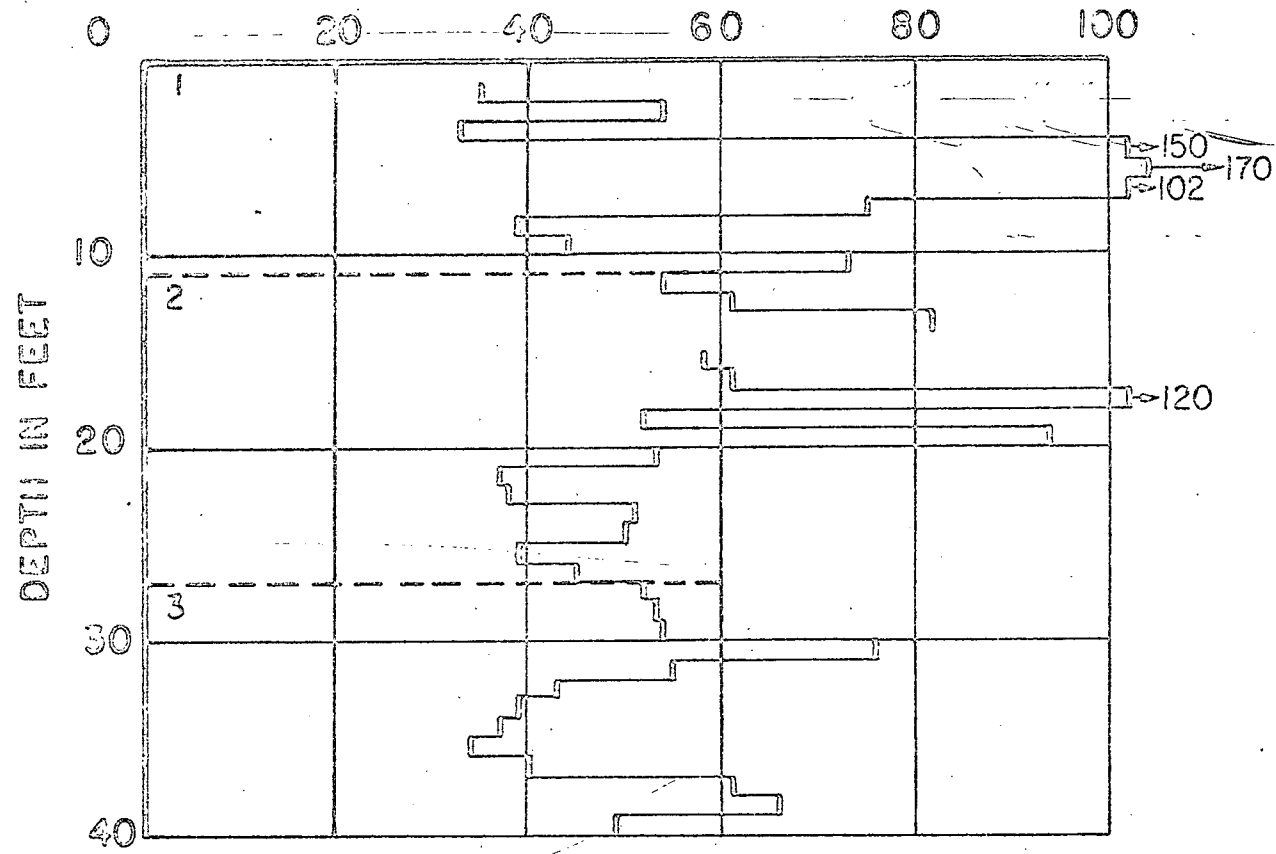
BY _____ DATE _____
 CHECKED BY _____

FILE _____

REVISIONS
 BY _____ DATE _____

BORING 291

RATE OF PENETRATION
 SECONDS PER FOOT



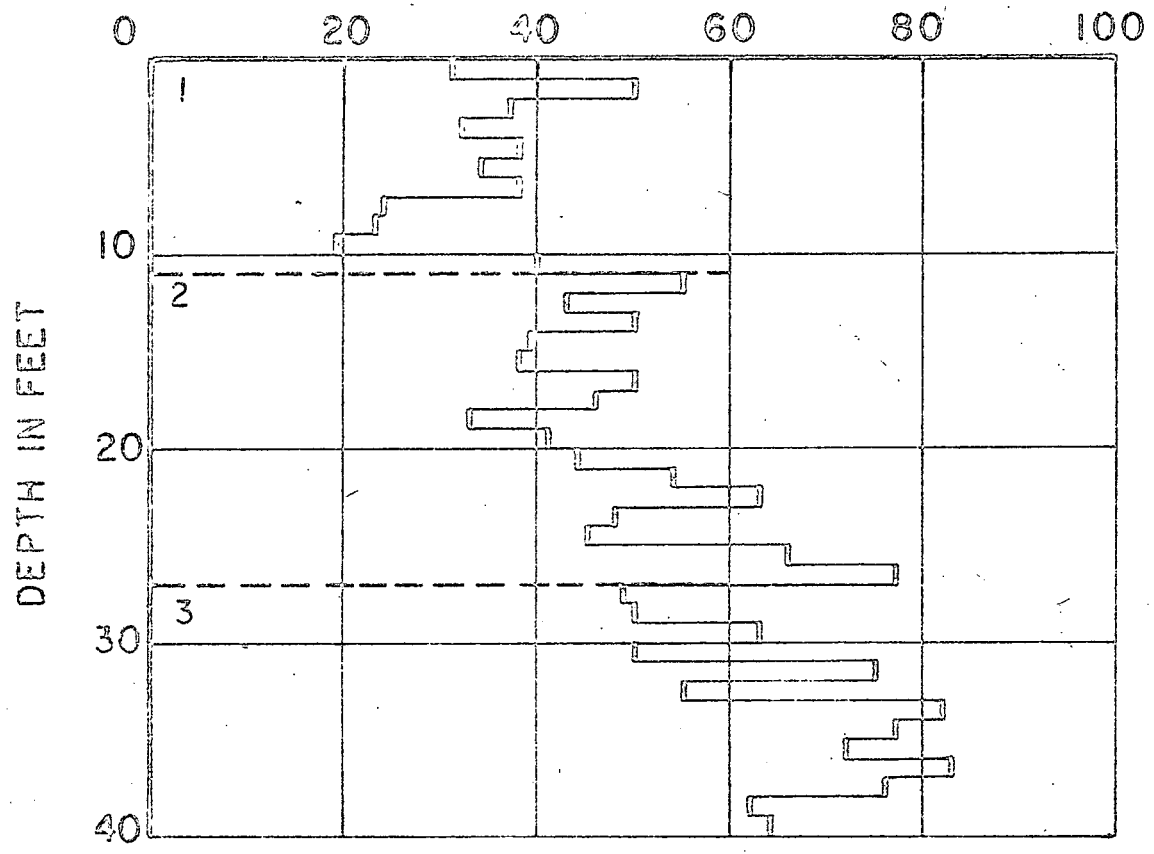
CHECKED BY _____
DATE _____

FILE _____

REVISIONS BY _____
DATE _____

BORING 292

RATE OF PENETRATION
SECONDS PER FOOT



DY _____ DATE _____

CHECKED BY _____

FILE _____

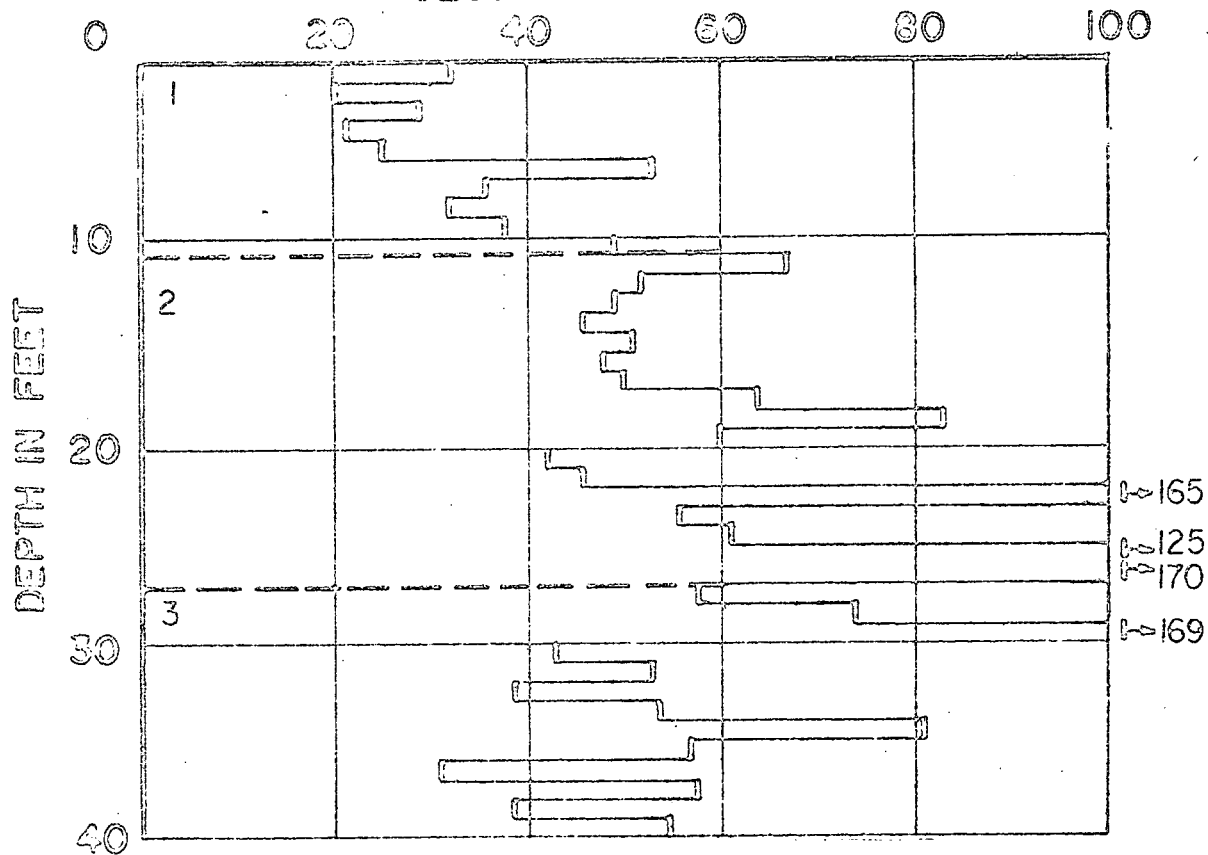
REVISIONS

BY _____

DATE _____

BORING 293

RATE OF PENETRATION
 SECONDS PER FOOT



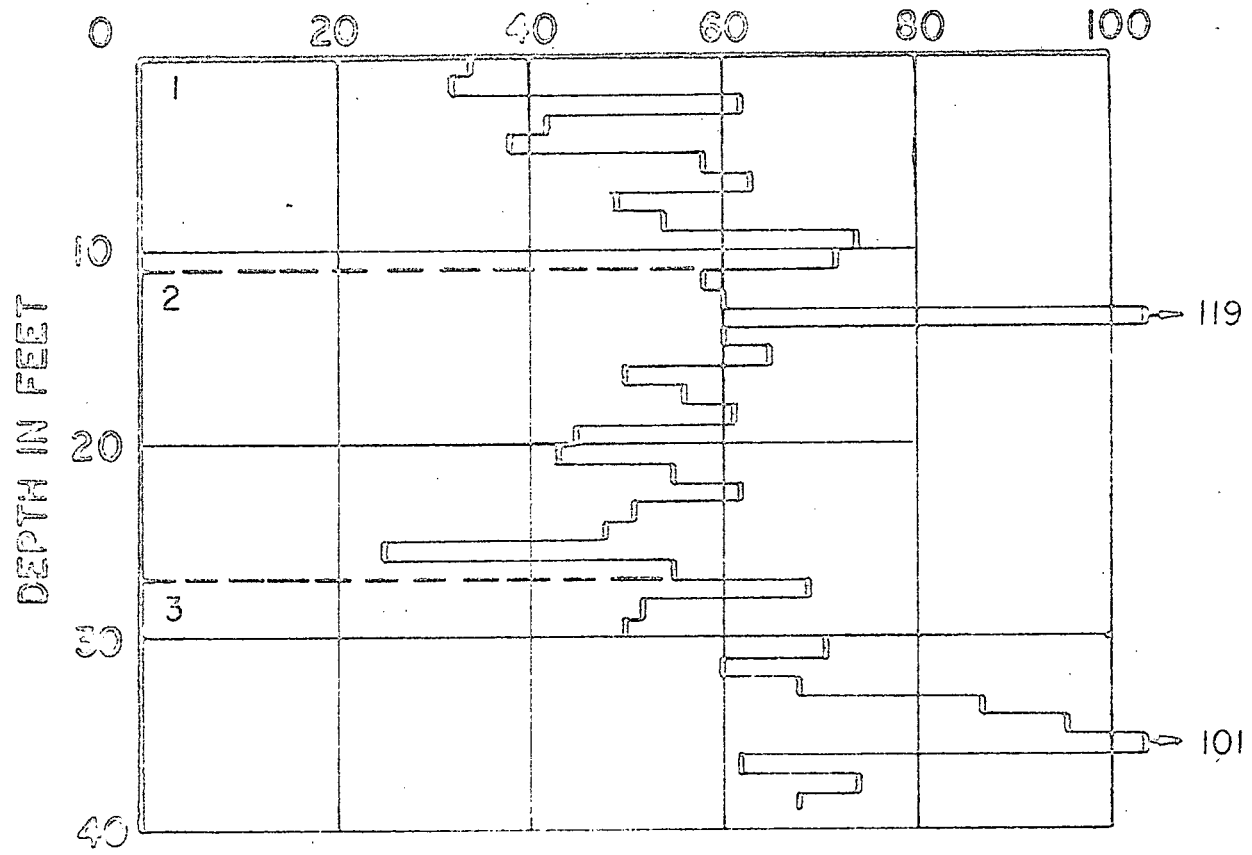
CHECKED BY _____
DATE _____

FILE _____

REVISIONS BY _____
DATE _____

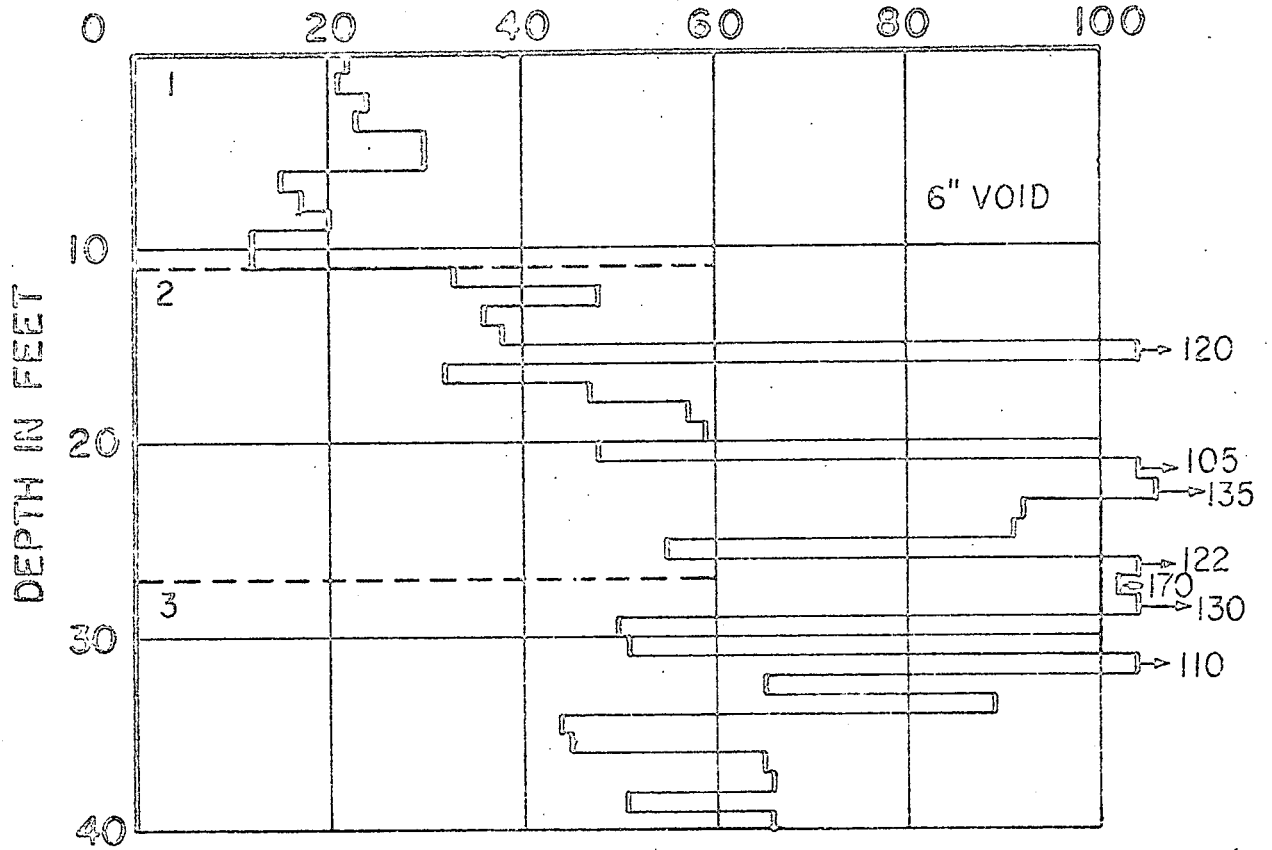
BORING 294

RATE OF PENETRATION SECONDS PER FOOT



BORING 295

RATE OF PENETRATION
SECONDS PER FOOT



REVISIONS
BY _____ DATE _____

FILE

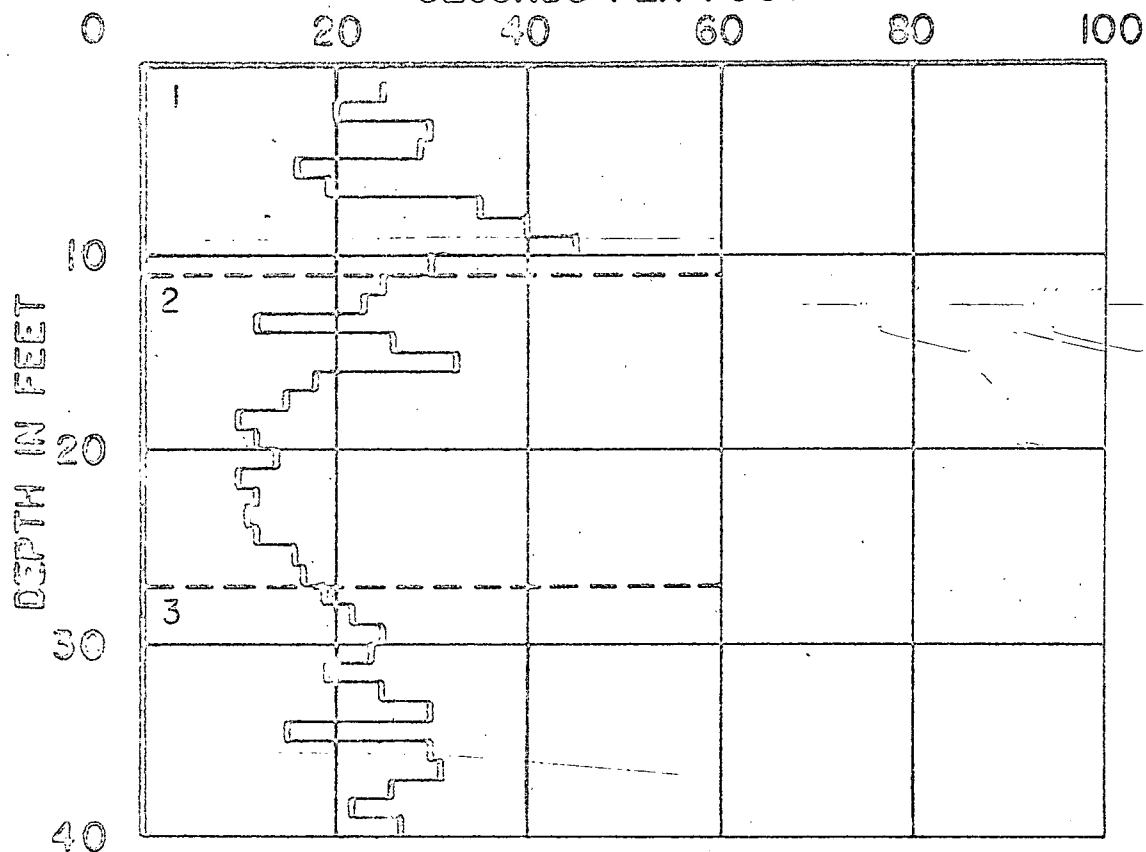
BY _____ DATE _____
CHECKED BY _____

BY _____ DATE _____
CHECKED BY _____

FILE _____

REVISIONS
BY _____ DATE _____

BORING 296

RATE OF PENETRATION
SECONDS PER FOOT

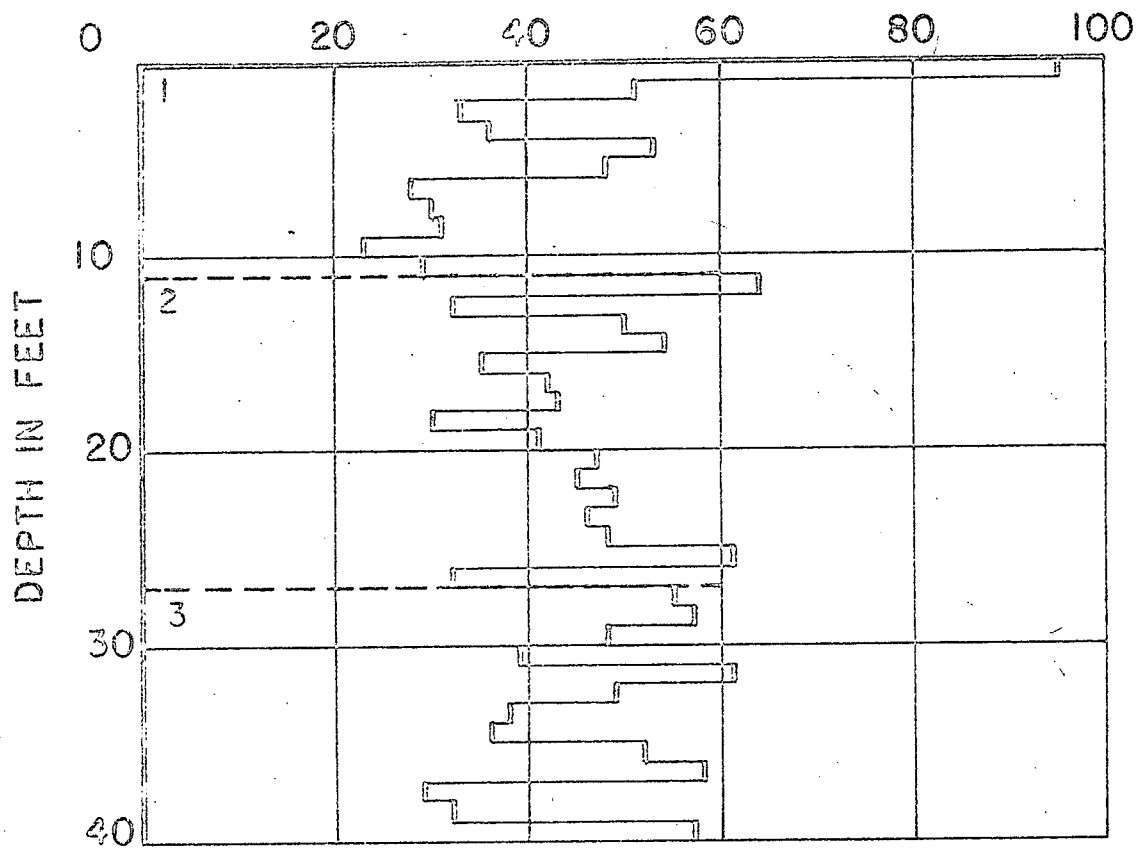
BY _____ DATE _____
CHECKED BY _____

FILE _____

REVISIONS
BY _____ DATE _____

BORING 297

RATE OF PENETRATION SECONDS PER FOOT



BY _____ DATE _____
CHECKED BY _____

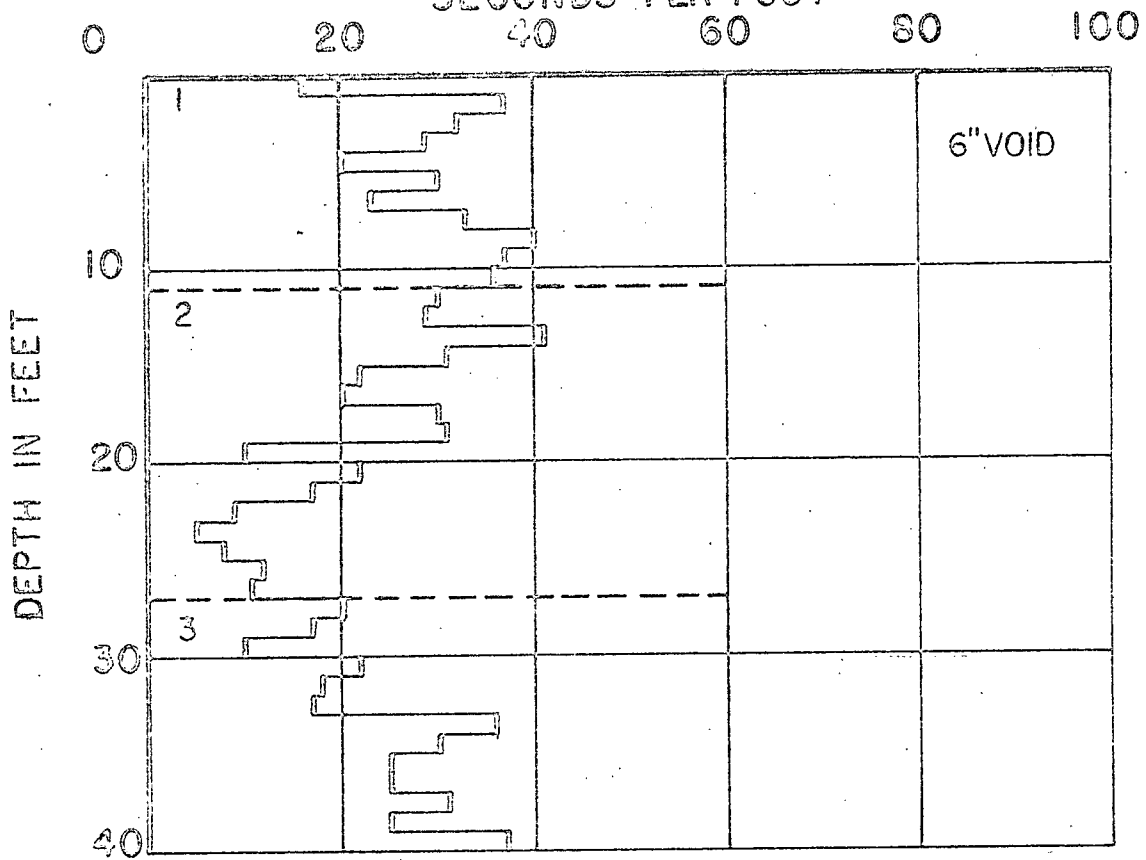
FILE _____

REVISIONS
BY _____ DATE _____

BORING 298

RATE OF PENETRATION

SECONDS PER FOOT

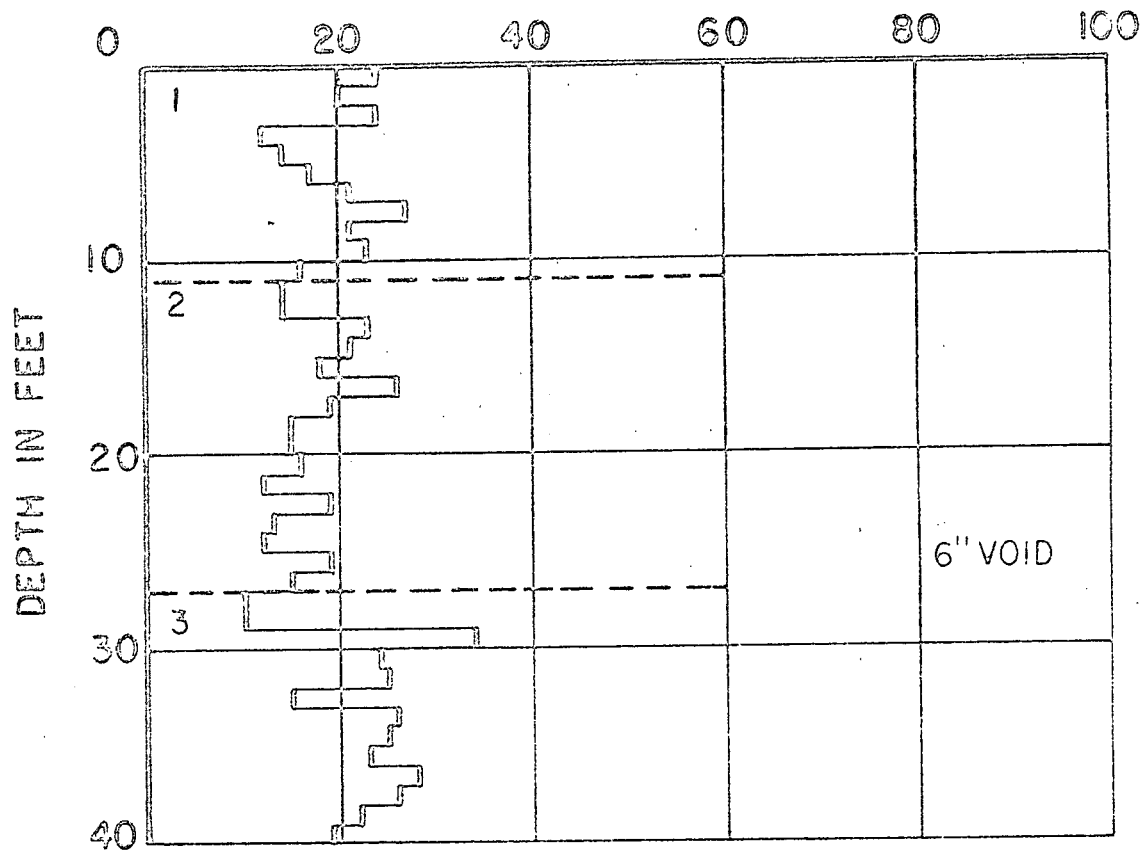


BY _____ DATE _____
 CHECKED BY _____

REVISIONS
 BY _____ DATE _____
 FILE _____

BORING 299

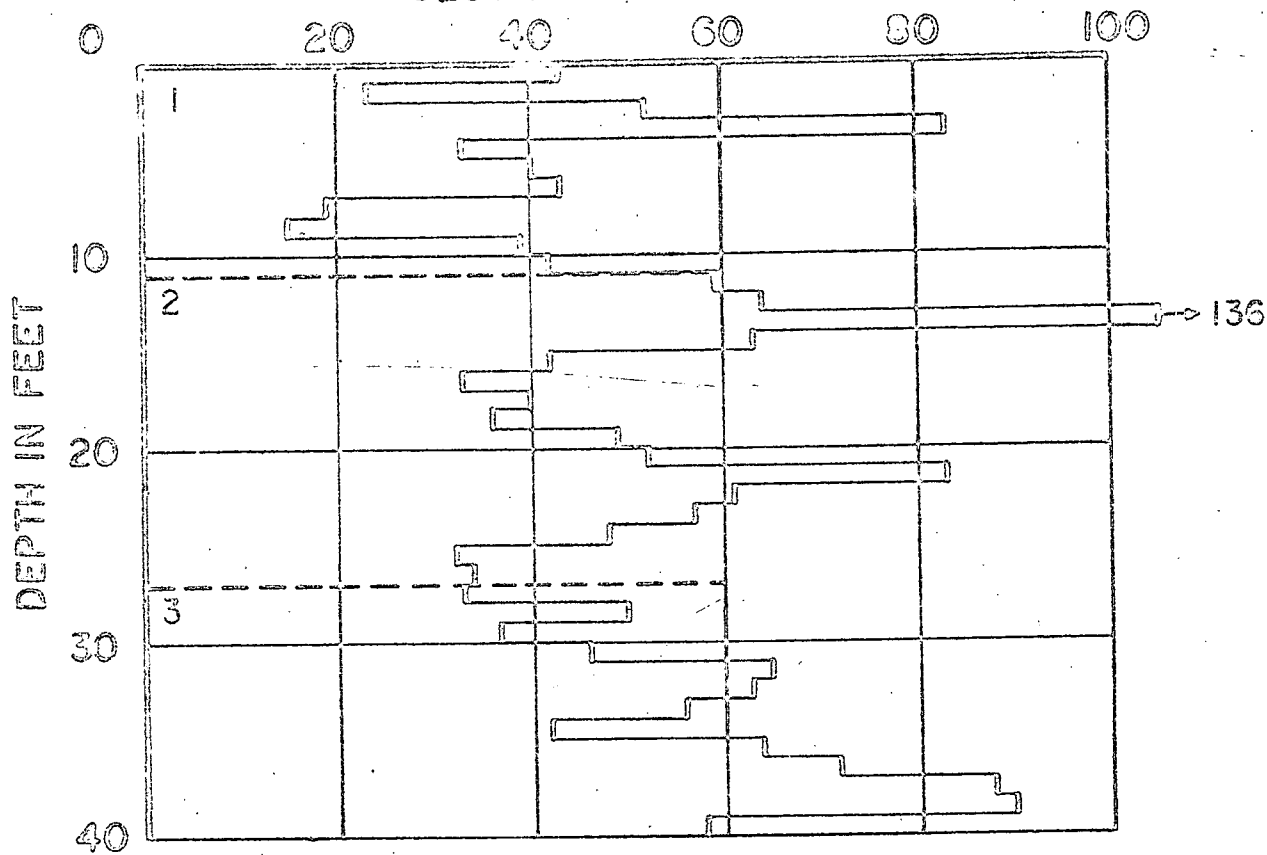
RATE OF PENETRATION
 SECONDS PER FOOT



BY _____ DATE _____
 CHECKED BY _____
 REVISIONS BY _____ DATE _____
 FILE _____

BORING-300

RATE OF PENETRATION
SECONDS PER FOOT



BY _____ DATE _____

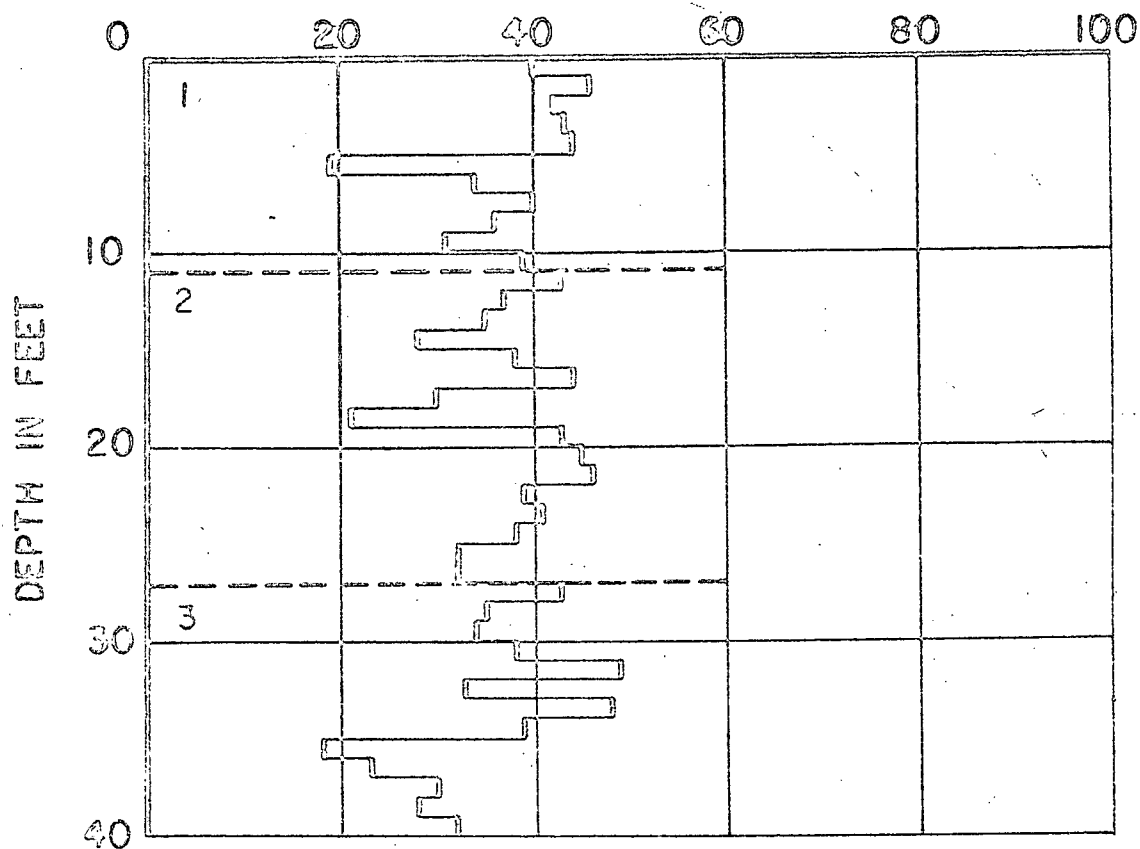
CHECKED BY _____

FILE _____

REVISIONS

BY _____ DATE _____

BORING 301

RATE OF PENETRATION
SECONDS PER FOOT

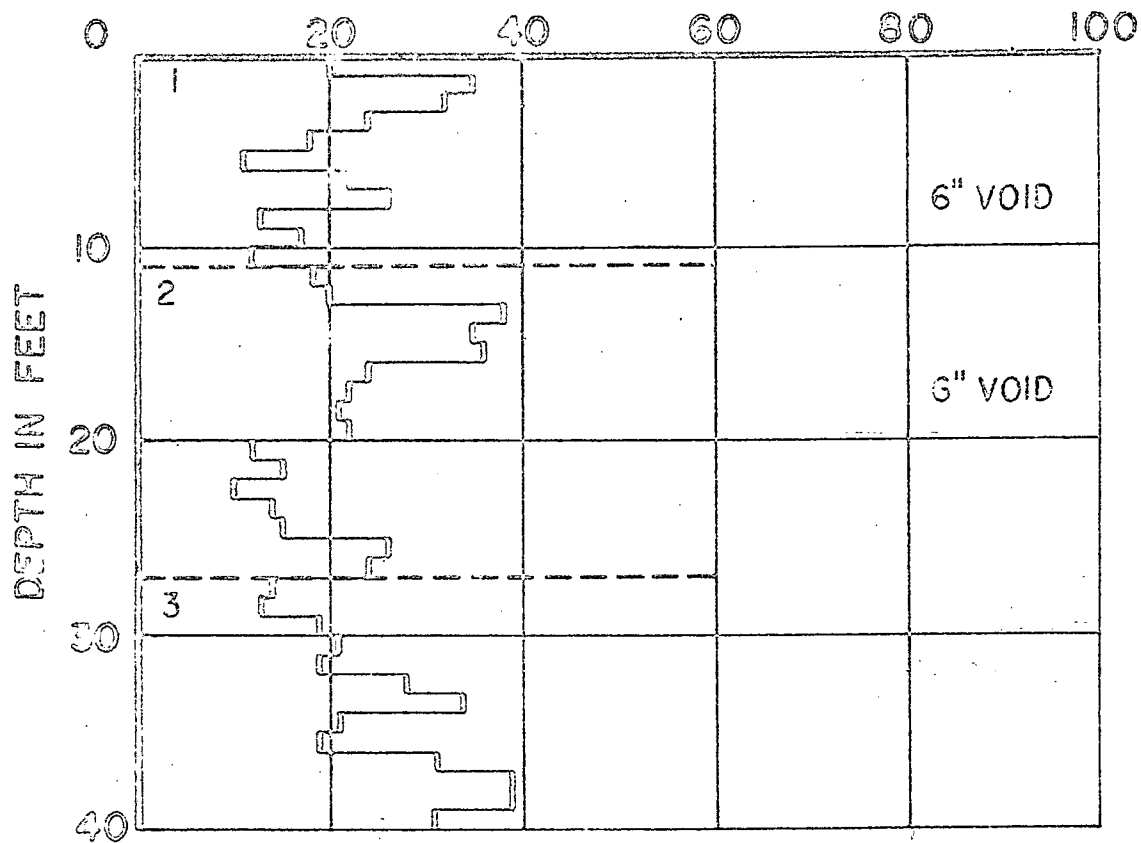
BY _____ DATE _____
 CHECKED BY _____

FILE _____

REVISIONS
 BY _____ DATE _____

BORING 302

RATE OF PENETRATION
 SECONDS PER FOOT



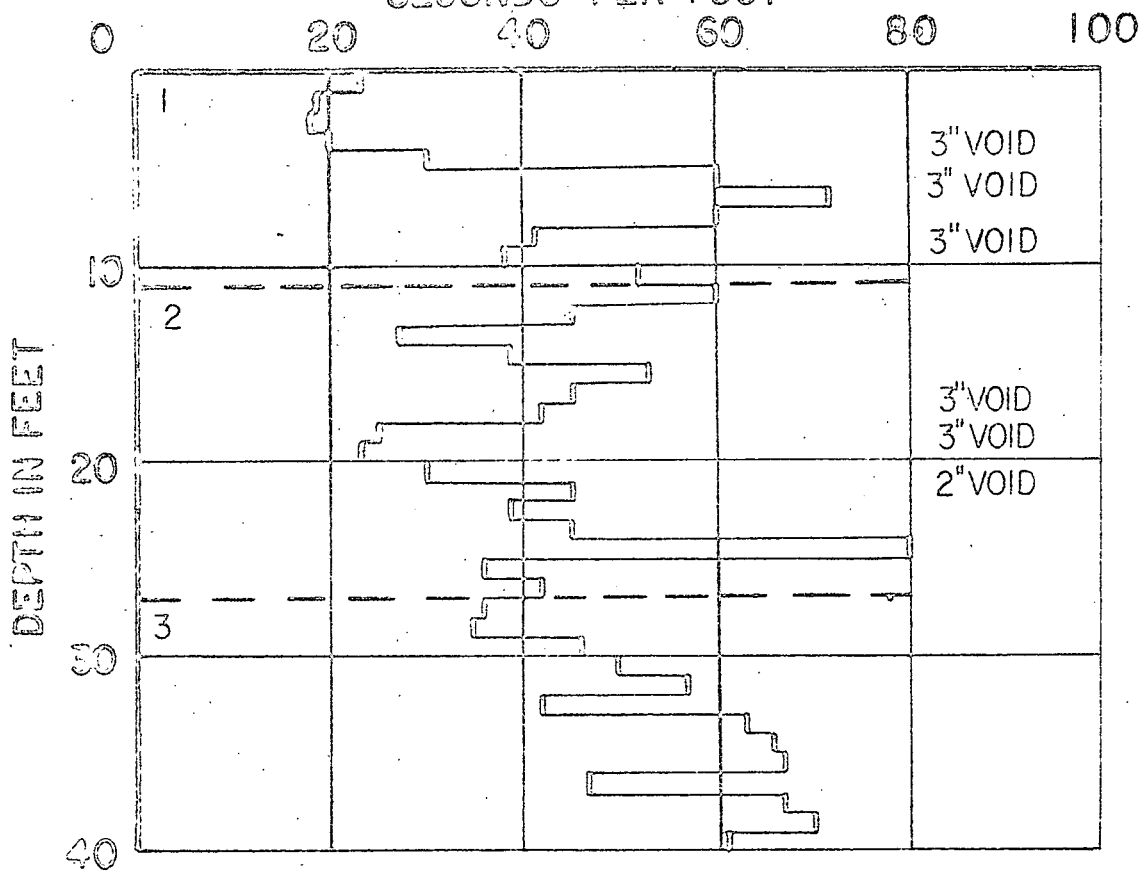
BY _____ DATE _____
CHECKED BY _____

FILE _____

REVISIONS
BY _____ DATE _____

BORING 303

RATE OF PENETRATION
SECONDS PER FOOT

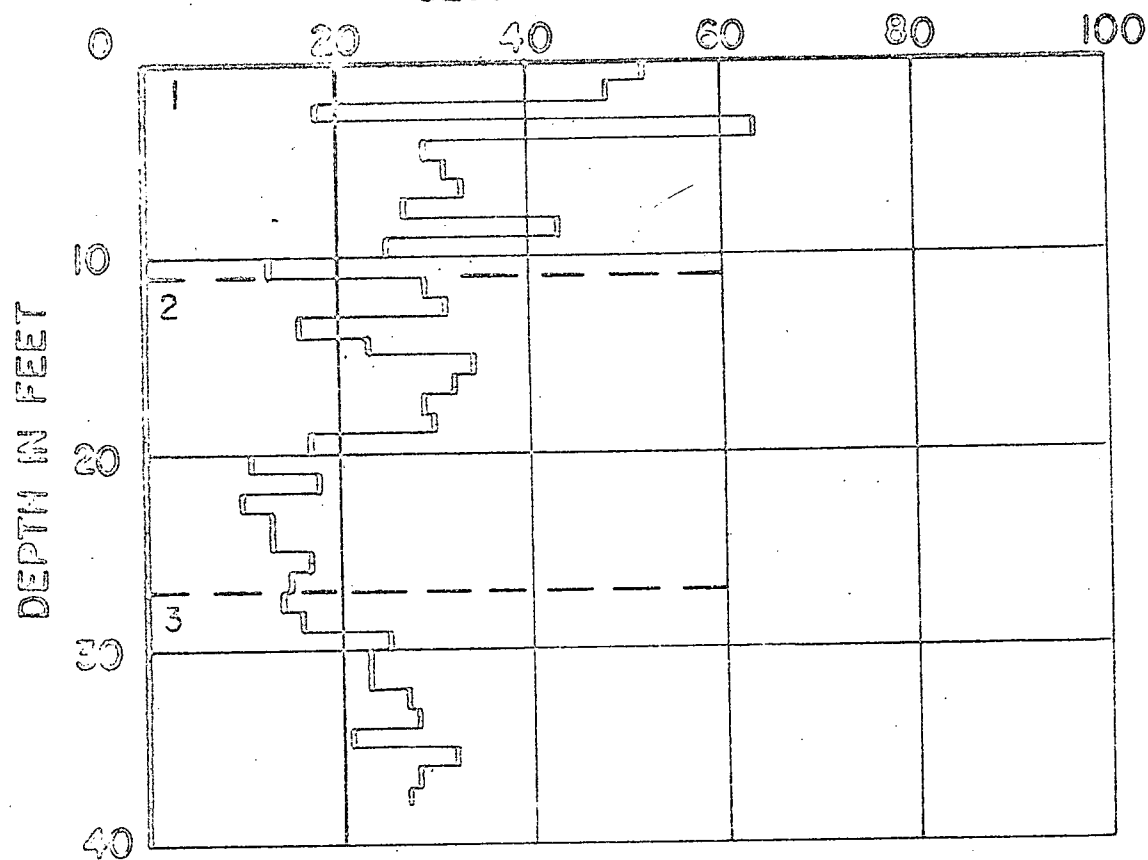


BY _____ DATE _____
 CHECKED BY _____

 REVISIONS
 BY _____ FILE _____

BY _____ DATE _____

BORING 304

 RATE OF PENETRATION
 SECONDS PER FOOT


BY _____ DATE _____

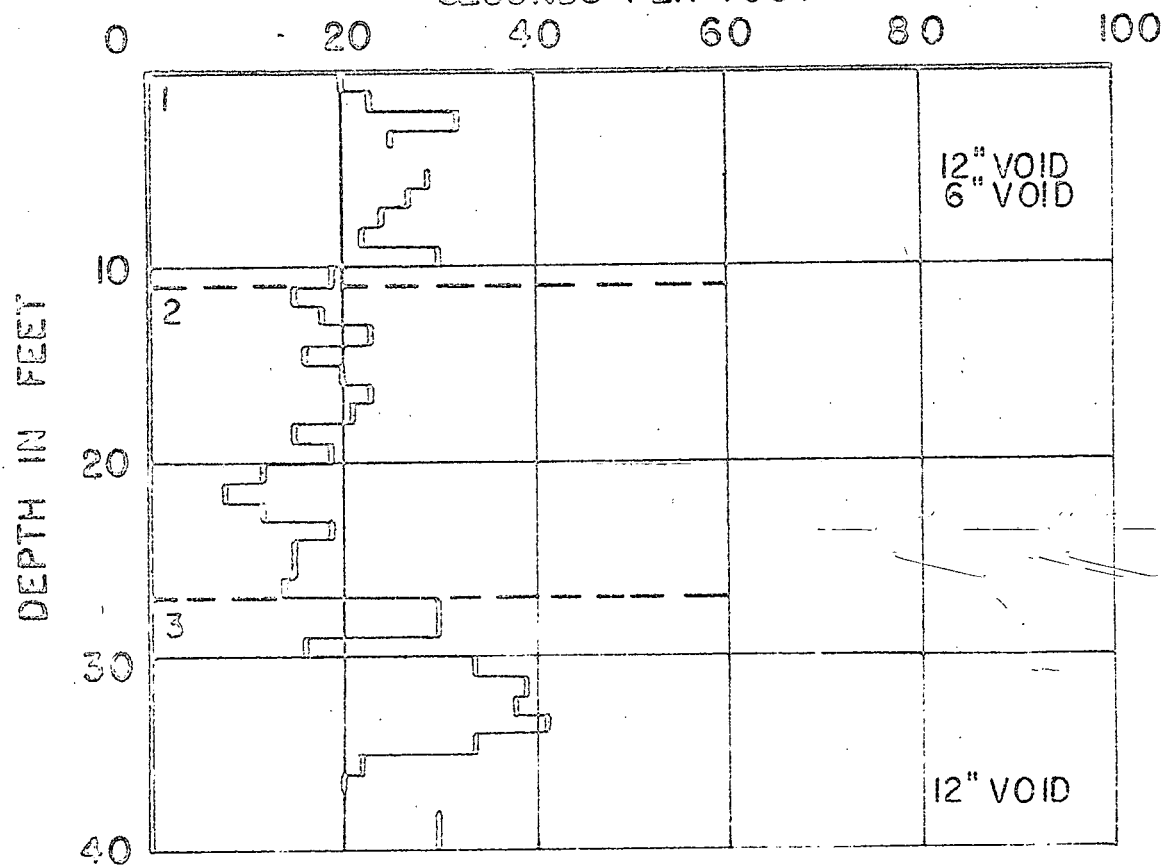
CHECKED BY _____

FILE _____

REVISIONS

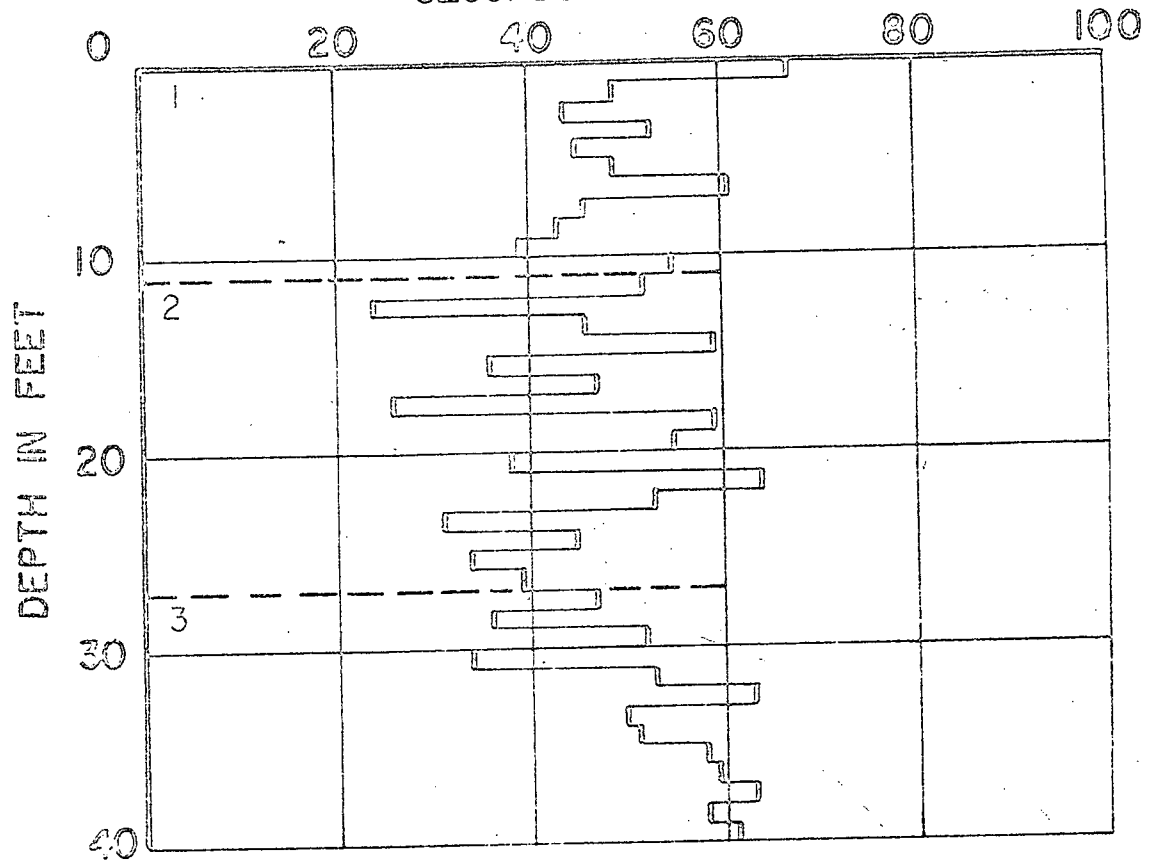
BY _____ DATE _____

BORING 305

RATE OF PENETRATION
SECONDS PER FOOT

BORING 306

RATE OF PENETRATION
SECONDS PER FOOT



REVISIONS
BY DATE

FILE

BY DATE
CHECKED BY

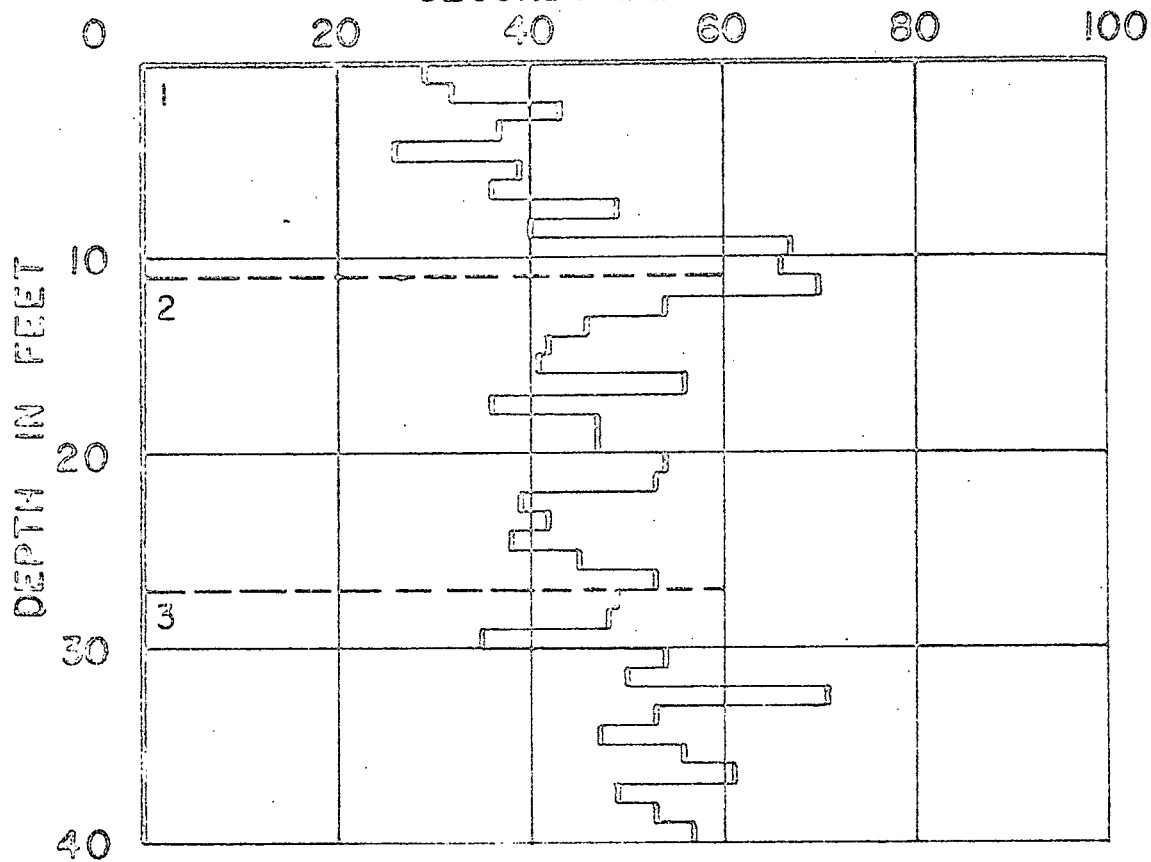
BY _____ DATE _____
CHECKED BY _____

FILE _____

REVISIONS

BY _____ DATE _____

BORING 307

RATE OF PENETRATION
SECONDS PER FOOT

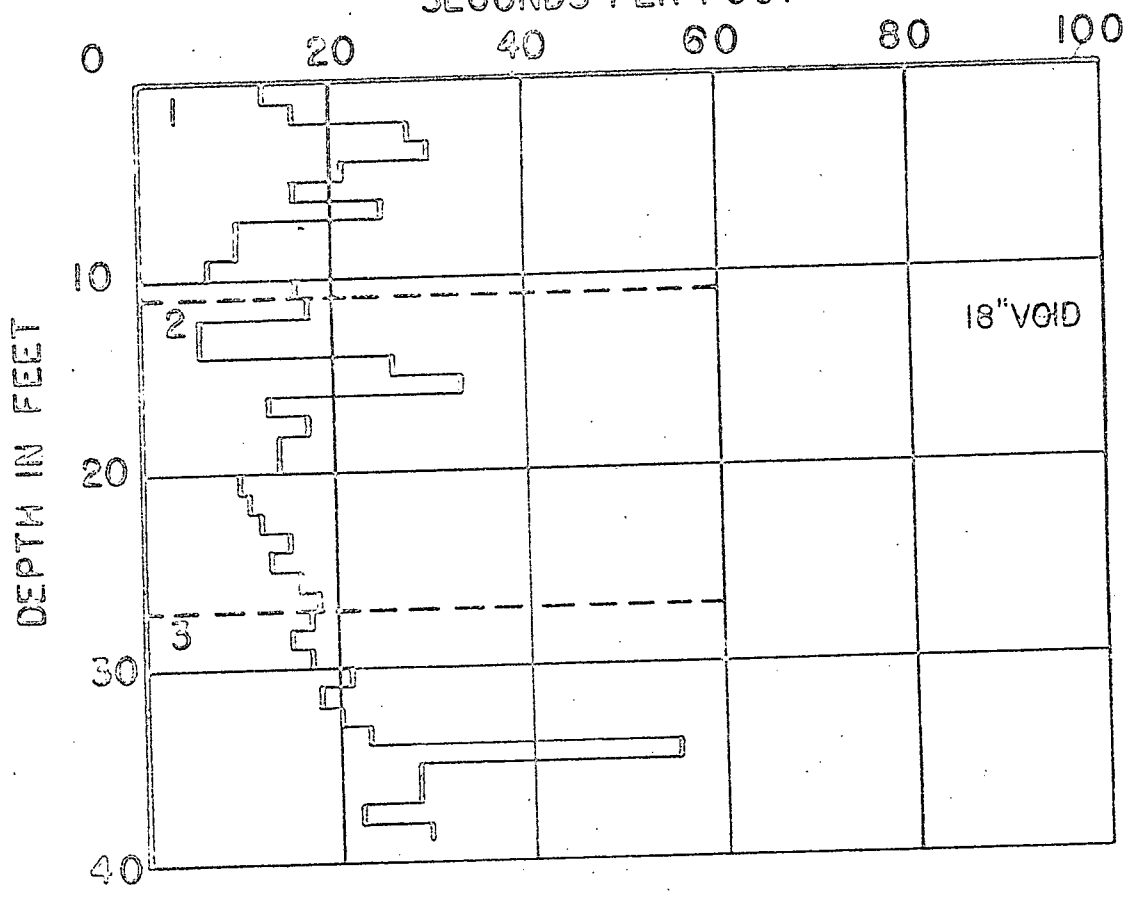
BY _____ DATE _____
CHECKED BY _____

FILE _____

REVISIONS
BY _____ DATE _____

BORING 308

RATE OF PENETRATION
SECONDS PER FOOT



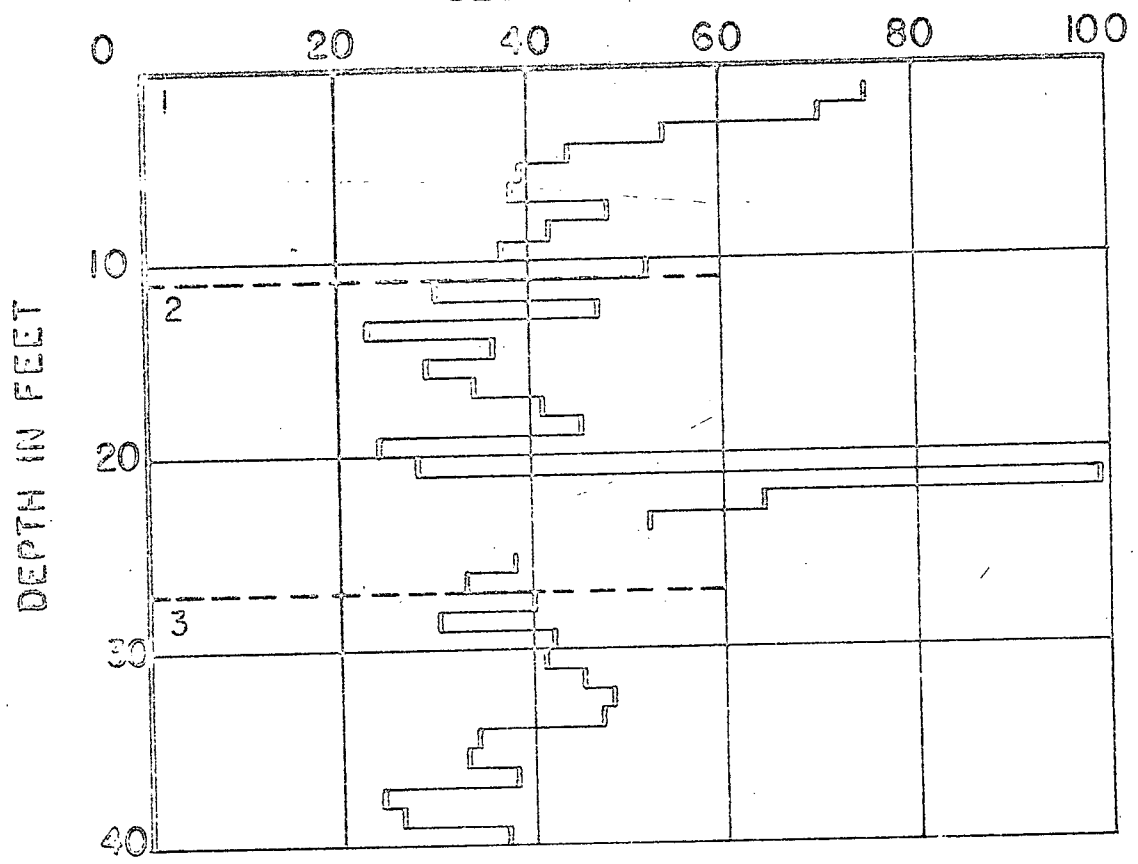
CHECKED BY _____ DATE _____

FILE _____

REVISIONS BY _____ DATE _____

BORING 309

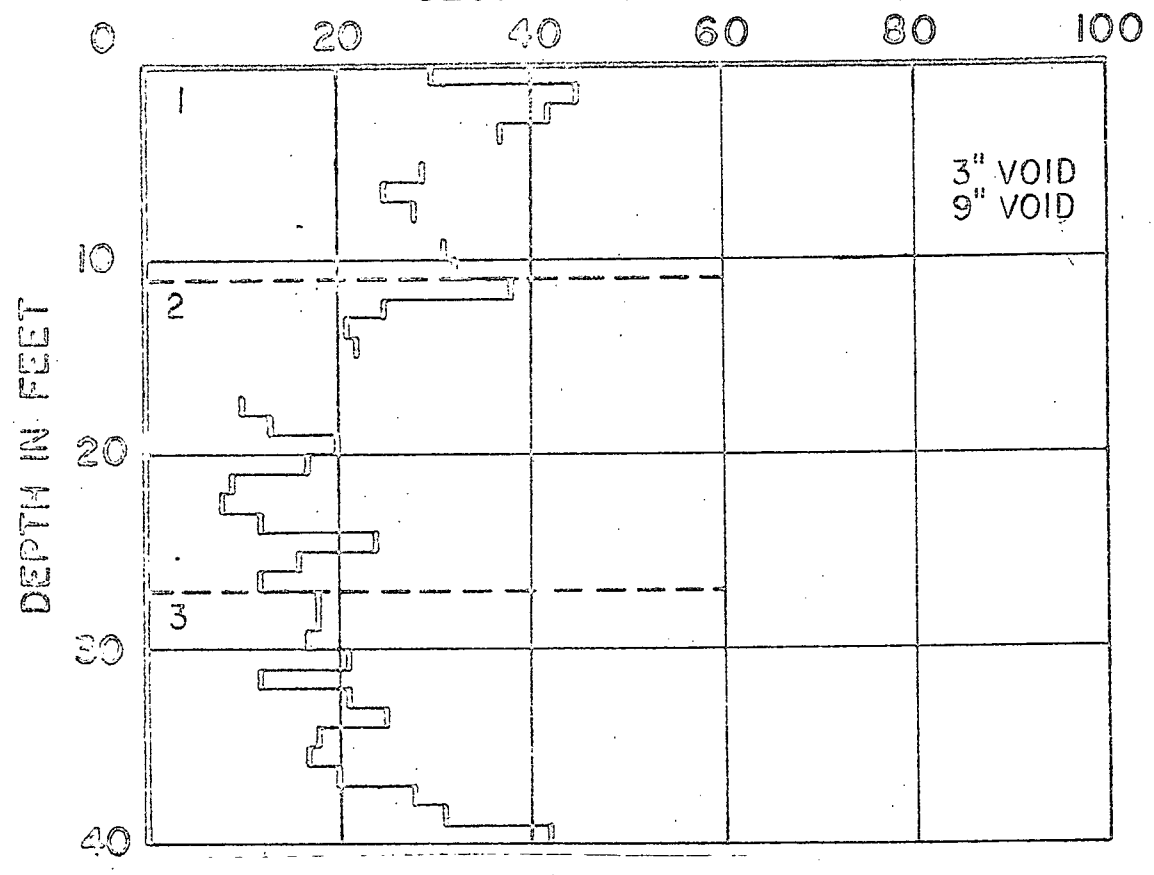
RATE OF PENETRATION
SECONDS PER FOOT



BY _____ DATE _____
CHECKED BY _____
FILE _____
REVISIONS BY _____ DATE _____

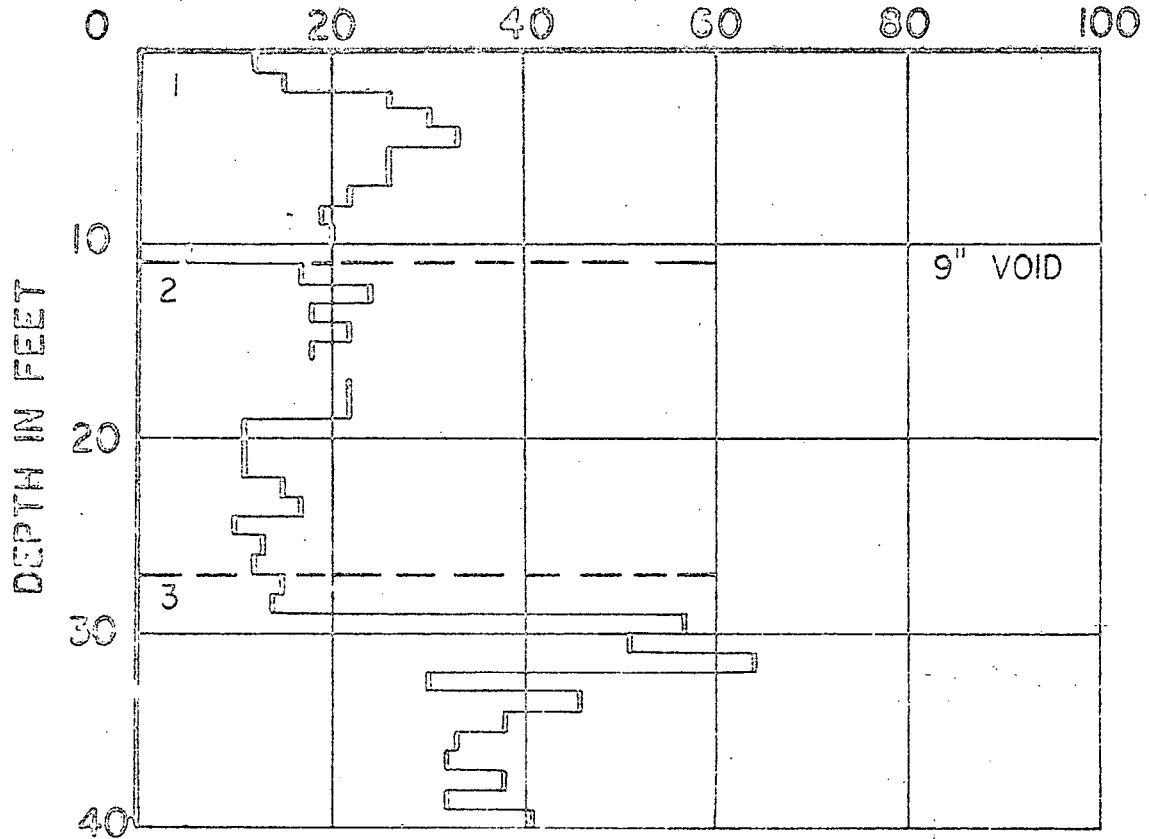
BORING 310

RATE OF PENETRATION
SECONDS PER FOOT



BORING 311

RATE OF PENETRATION
SECONDS PER FOOT



REVISIONS
BY _____
DATE _____

FILE _____

BY _____ DATE _____
CHECKED BY _____

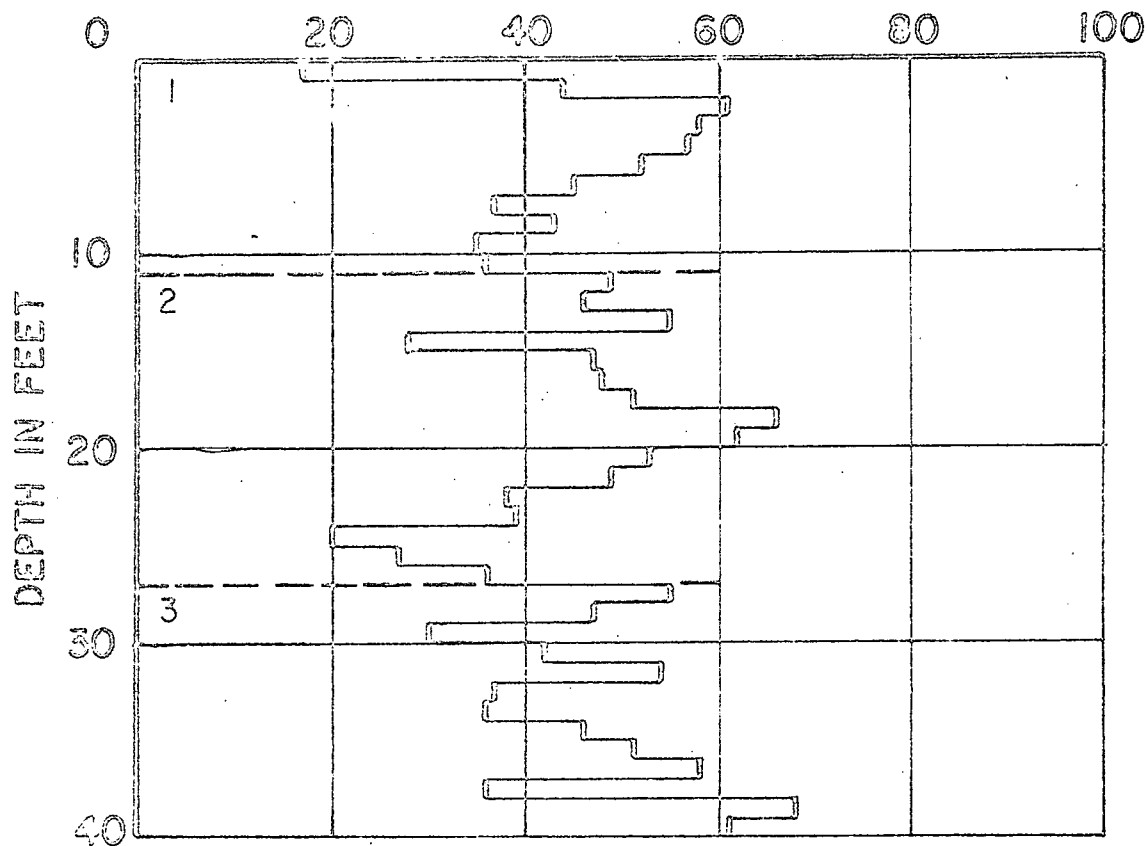
BY _____ DATE _____
 CHECKED BY _____

REVISIONS
 BY _____ DATE _____

FILE _____

BORING 312

RATE OF PENETRATION
 SECONDS PER FOOT



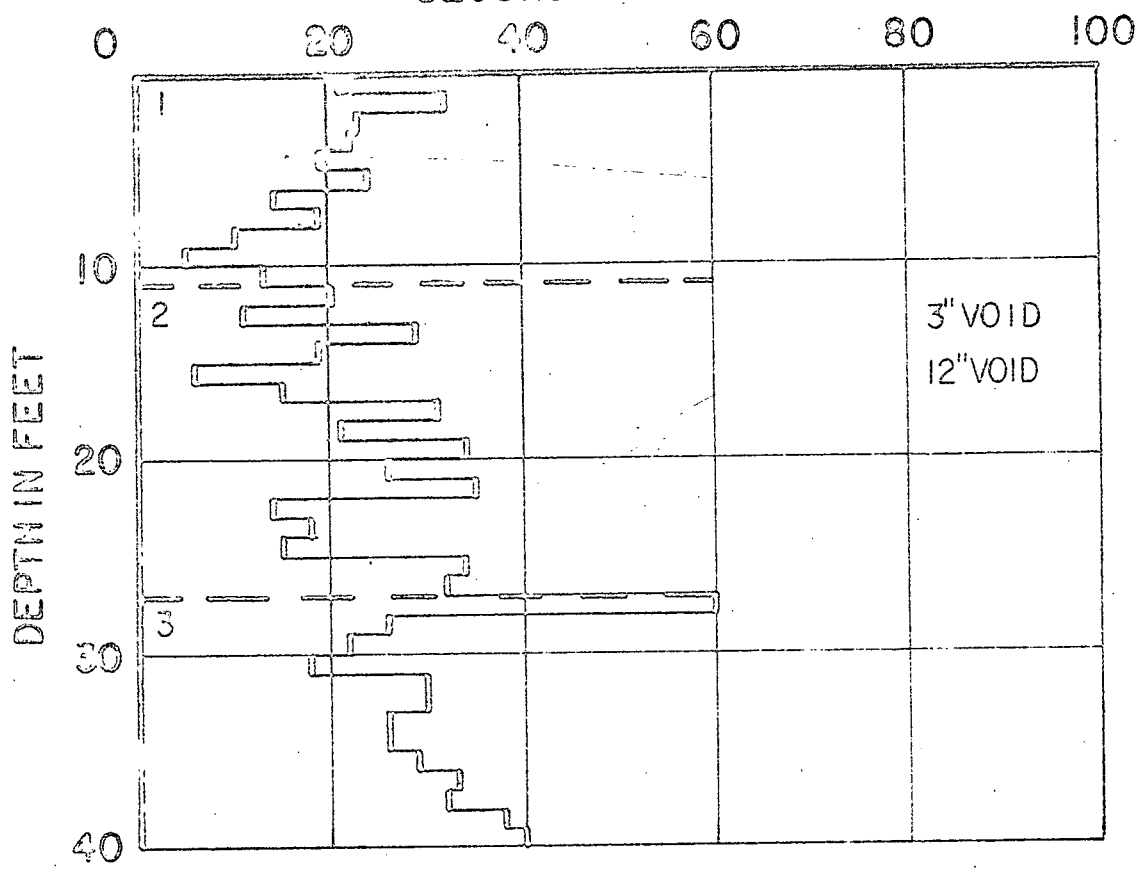
BY _____ DATE _____
CHECKED BY _____

FILE _____

REVISIONS
BY _____ DATE _____

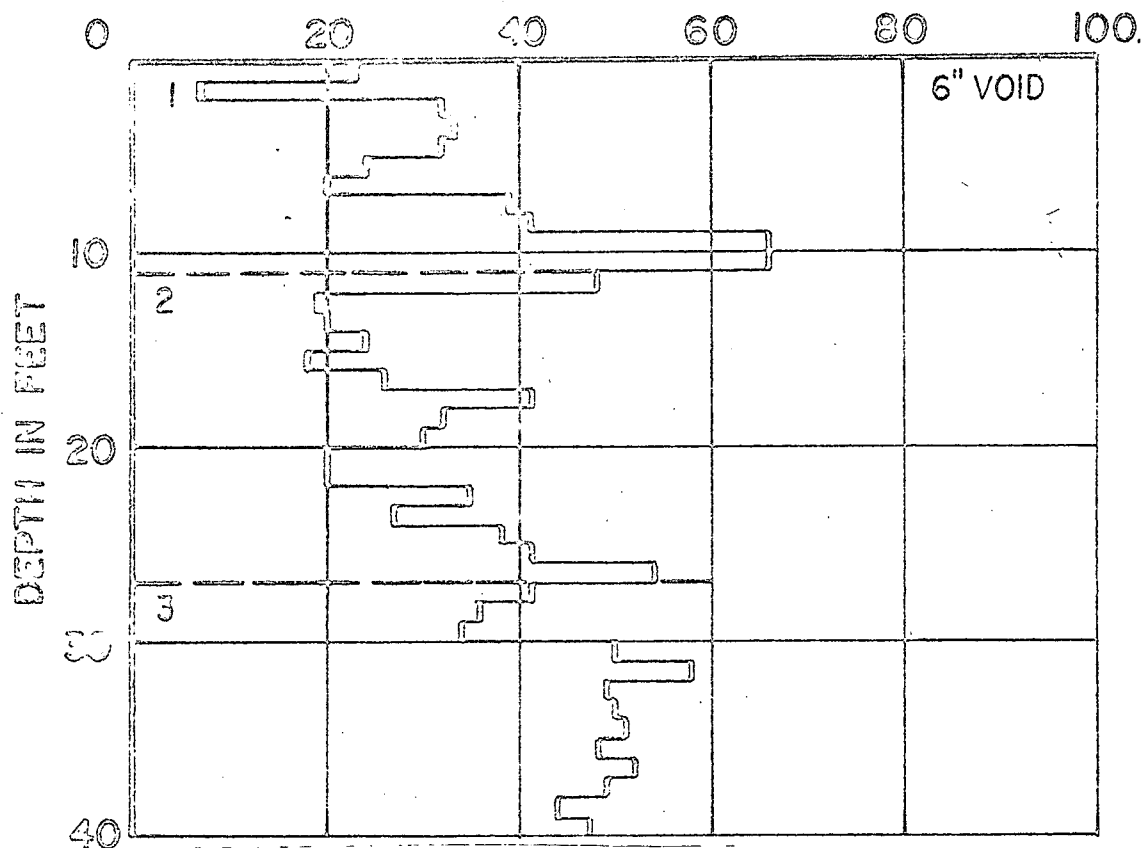
LOGGING 313

RATE OF PENETRATION
SECONDS PER FOOT



BORING 314

RATE OF PENETRATION
SECONDS PER FOOT



REVISIONS
BY DATE

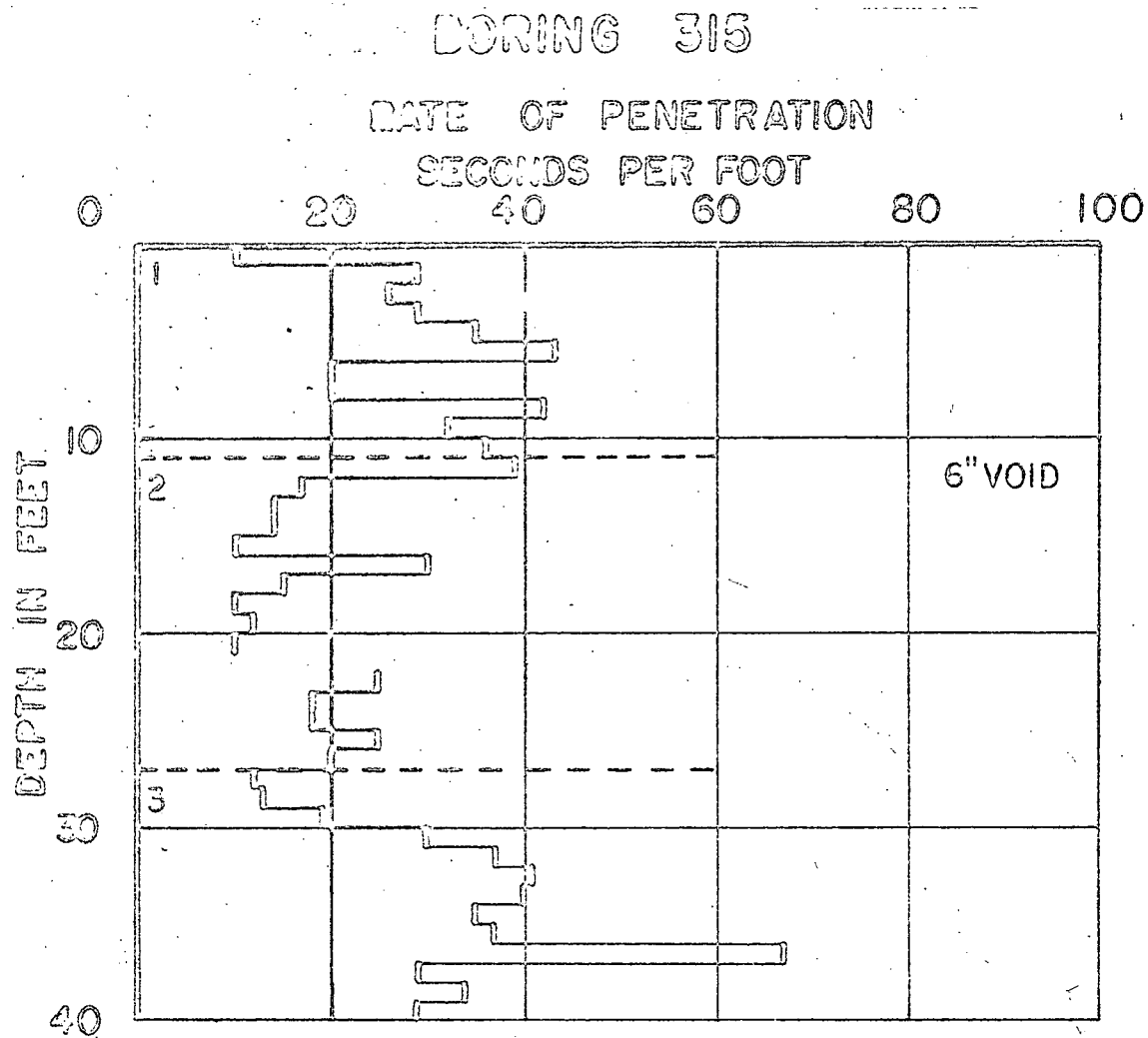
FILE

CHECKED BY DATE

BY _____ DATE _____
 CHECKED BY _____

FILE _____

REVISIONS
 BY _____ DATE _____



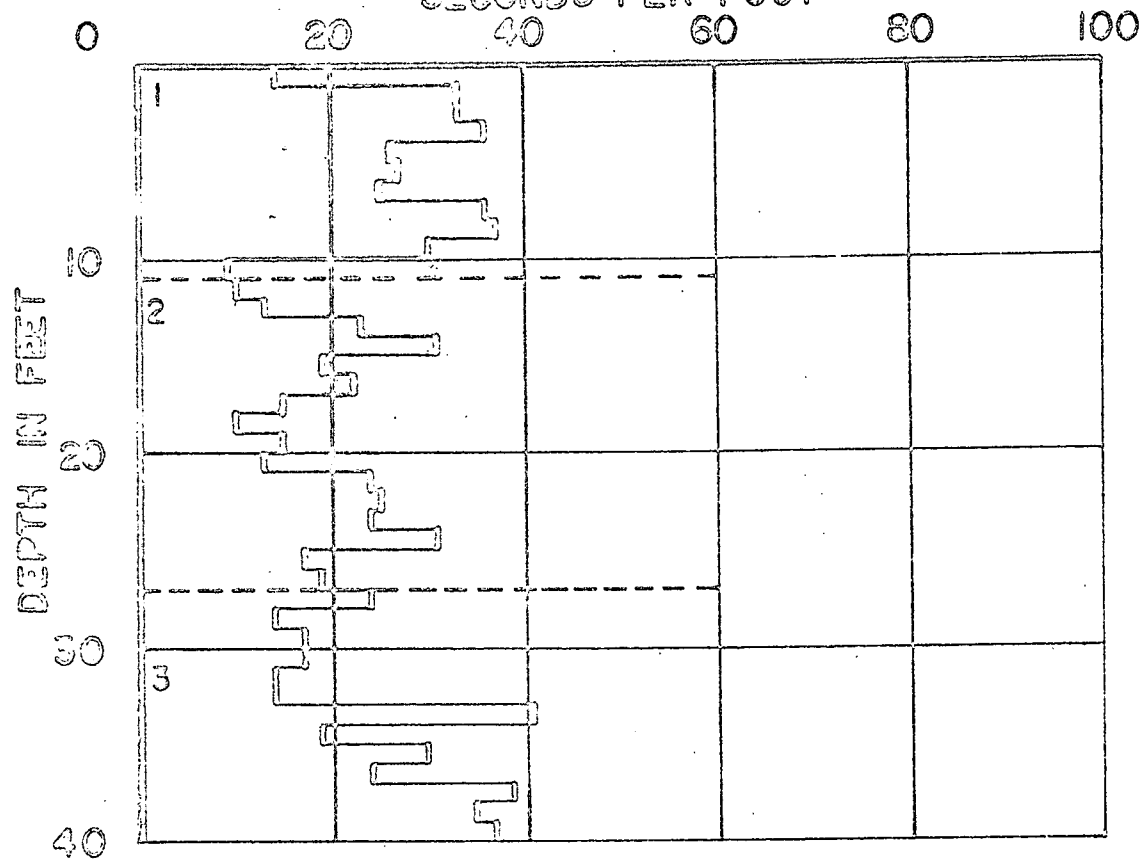
BY _____ DATE _____
CHECKED BY _____

FILE _____

REVISIONS
BY _____

DATE _____

BORING 316

RATE OF PENETRATION
SECONDS PER FOOT

BY _____ DATE _____
 CHECKED QY _____

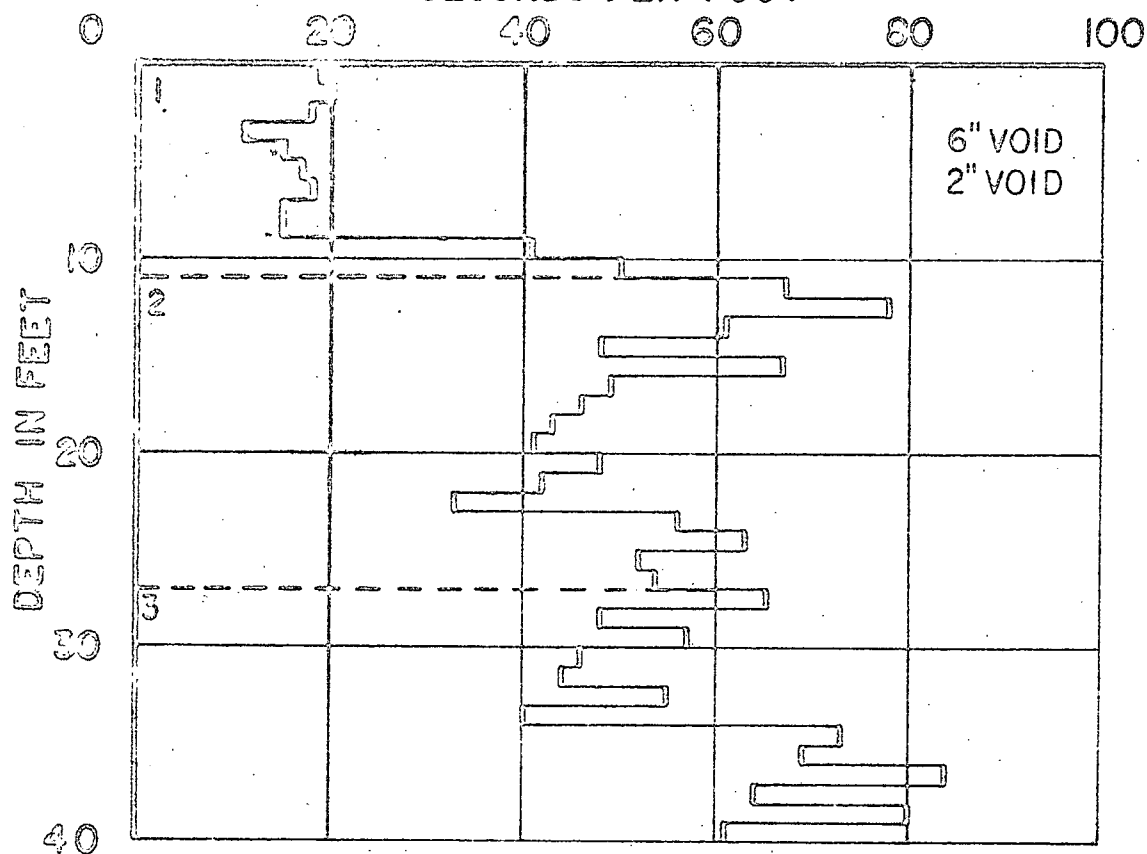
FILE _____

REVISIONS

BY _____ DATE _____

CORING 317

RATE OF PENETRATION
 SECONDS PER FOOT



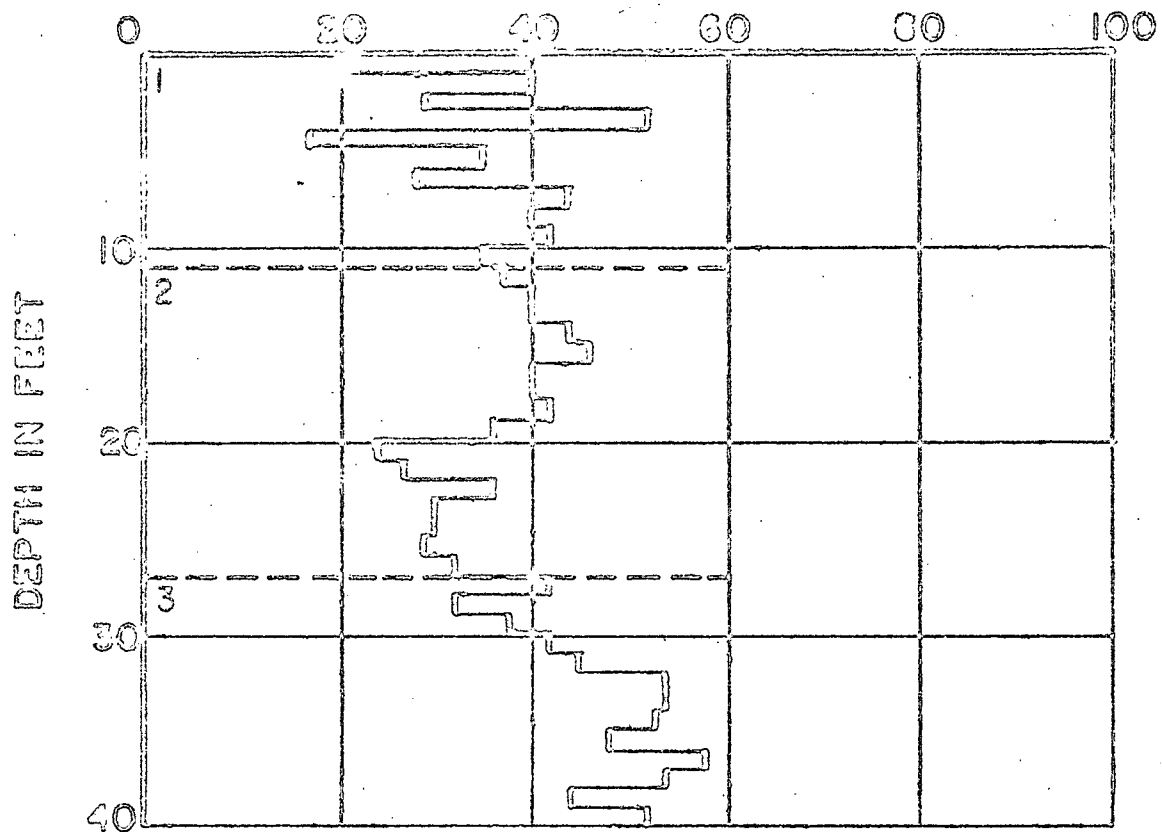
BY _____ DATE _____
CHECKED BY _____

FILE _____

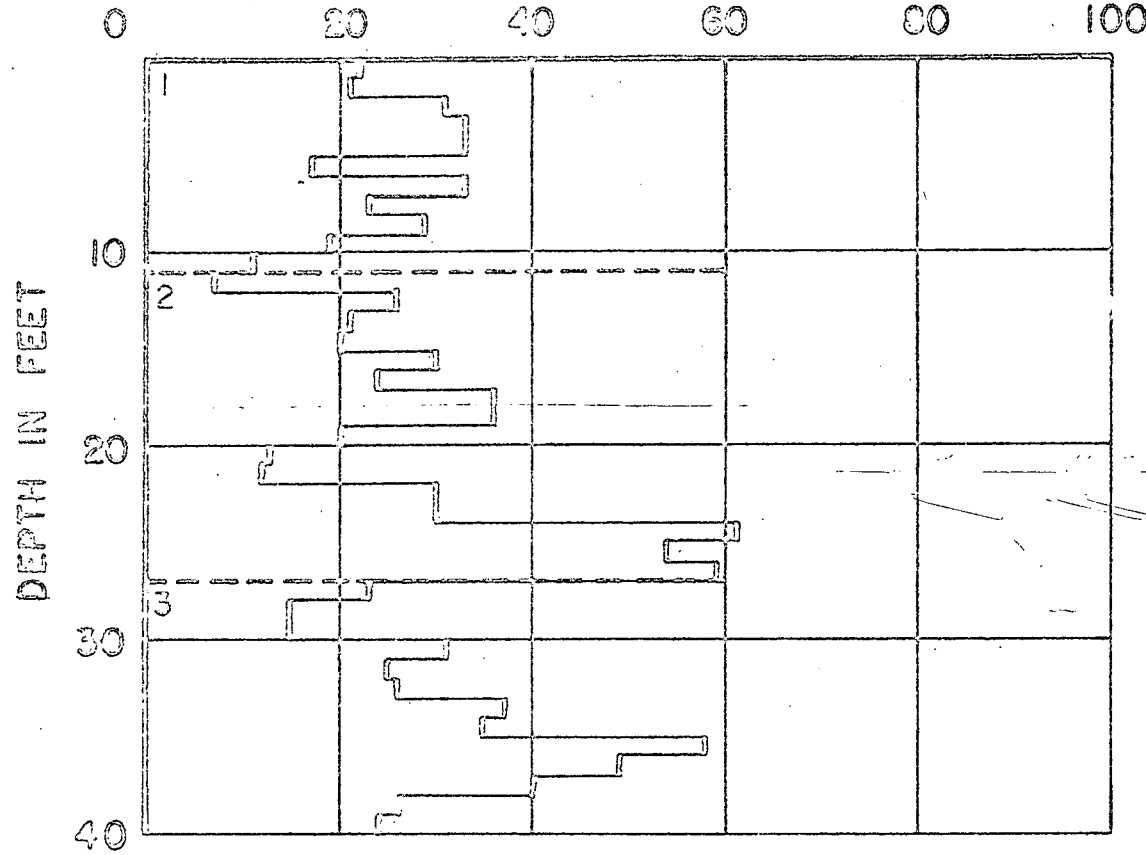
REVISIONS
BY _____ DATE _____

BORING 46

RATE OF PENETRATION
SECONDS PER FOOT



BORING 104 RATE OF PENETRATION SECONDS PER FOOT



REVISIONS
BY _____ DATE _____

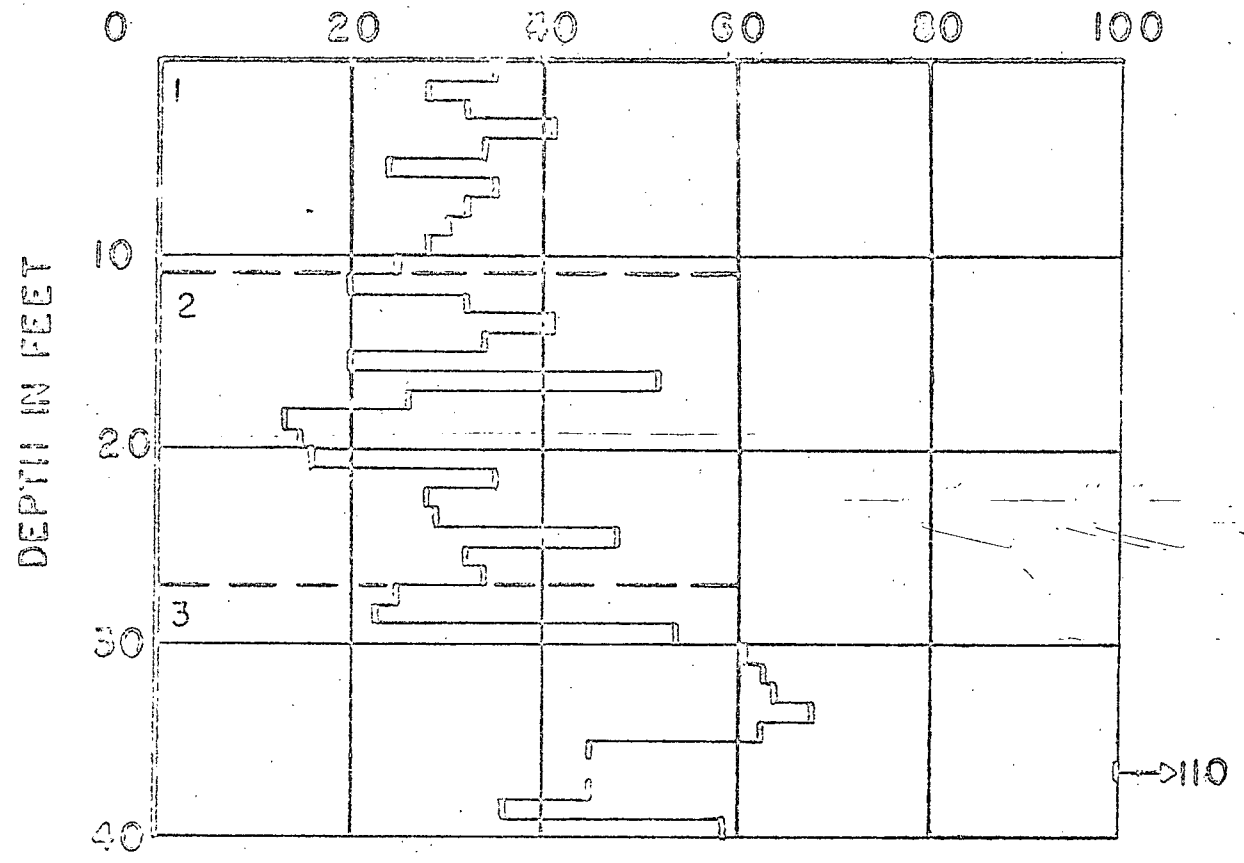
FILE _____

CHECKED BY _____ DATE _____

106

BORING 106

RATE OF PENETRATION
SECONDS PER FOOT

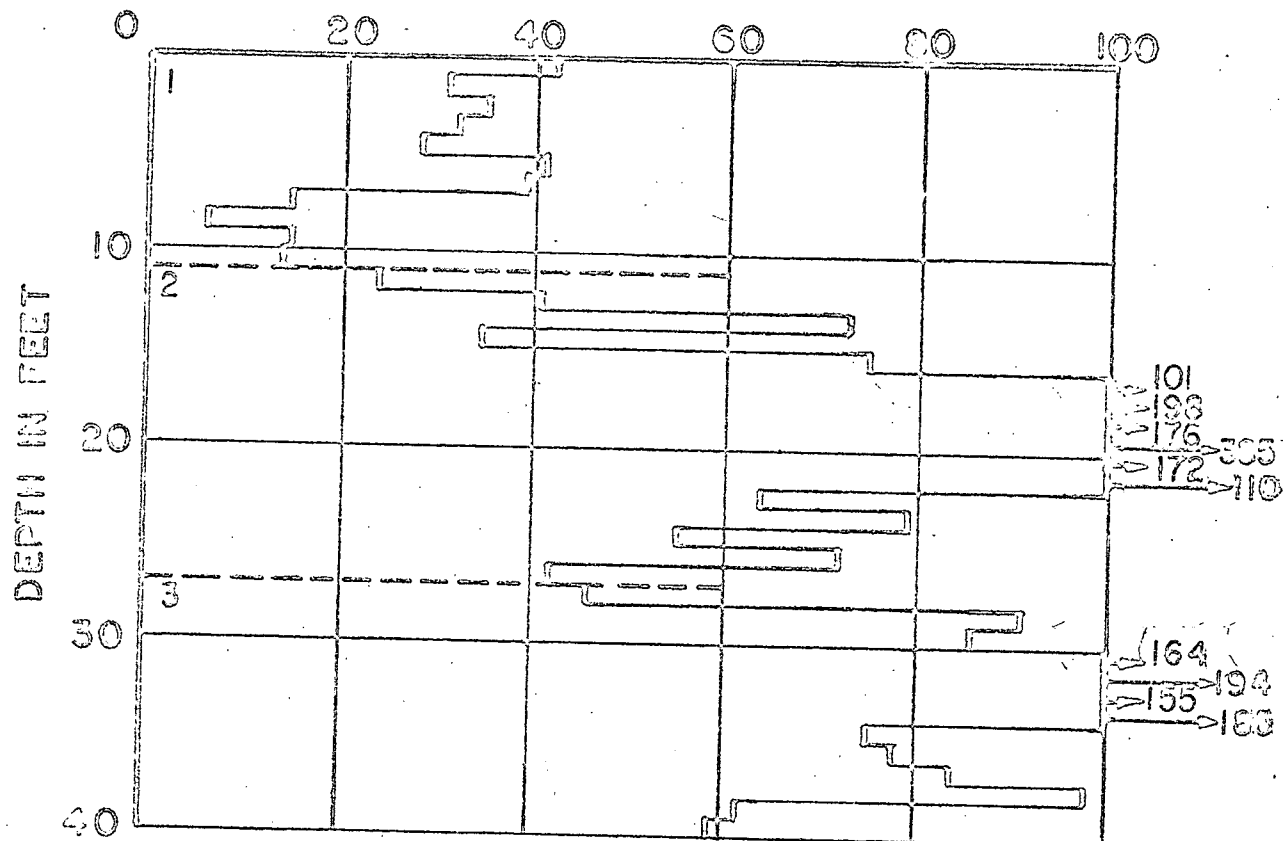


REVISIONS
BY _____ DATE _____

FILE _____

CY _____ DATE _____
CHECKED BY _____

BORING 107

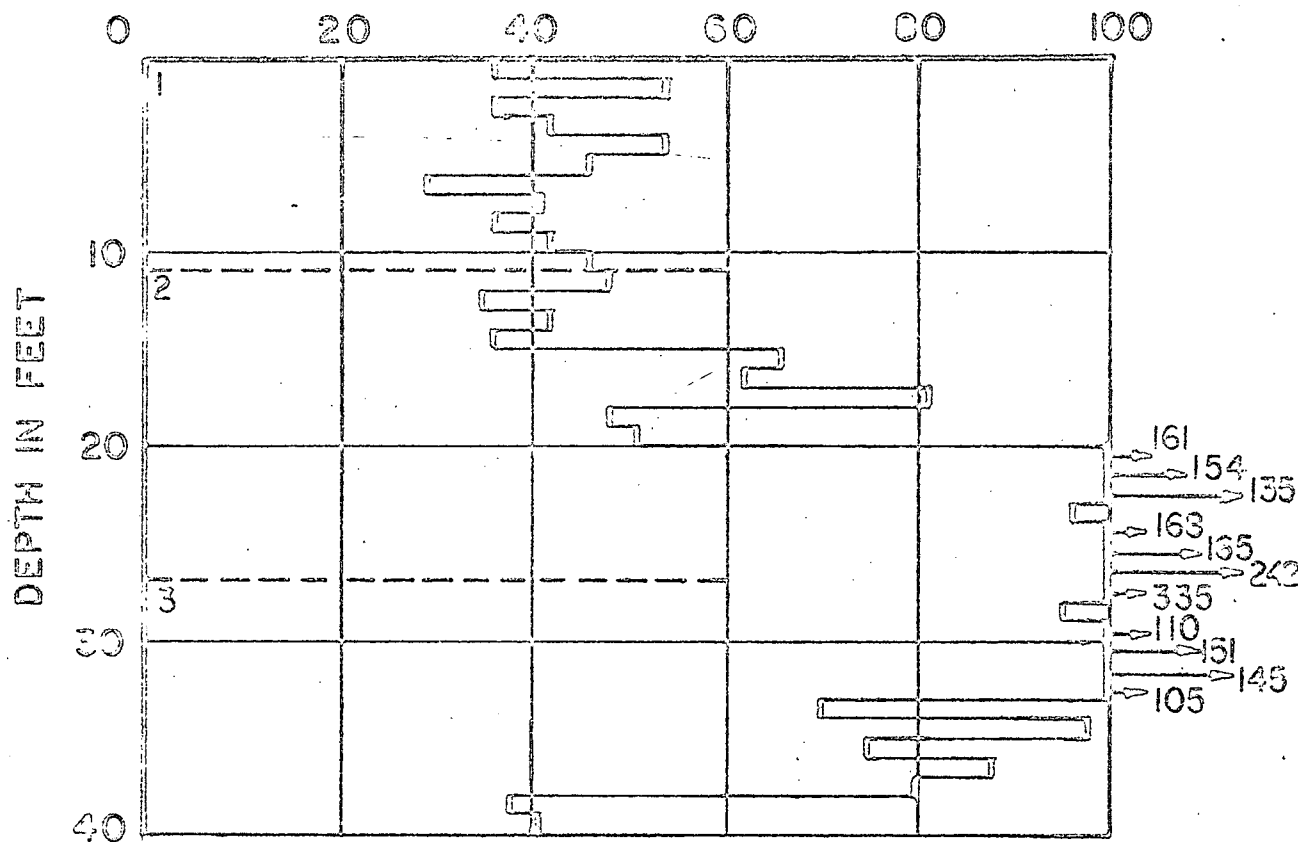
RATE OF PENETRATION
SECONDS PER FOOTREVISIONS
BY _____ DATE _____

FILE _____

CHECKED BY _____ DATE _____

BORING 108

RATE OF PENETRATION
SECONDS PER FOOT



REVISIONS
BY _____ DATE _____

FILE

CHECKED BY _____ DATE _____

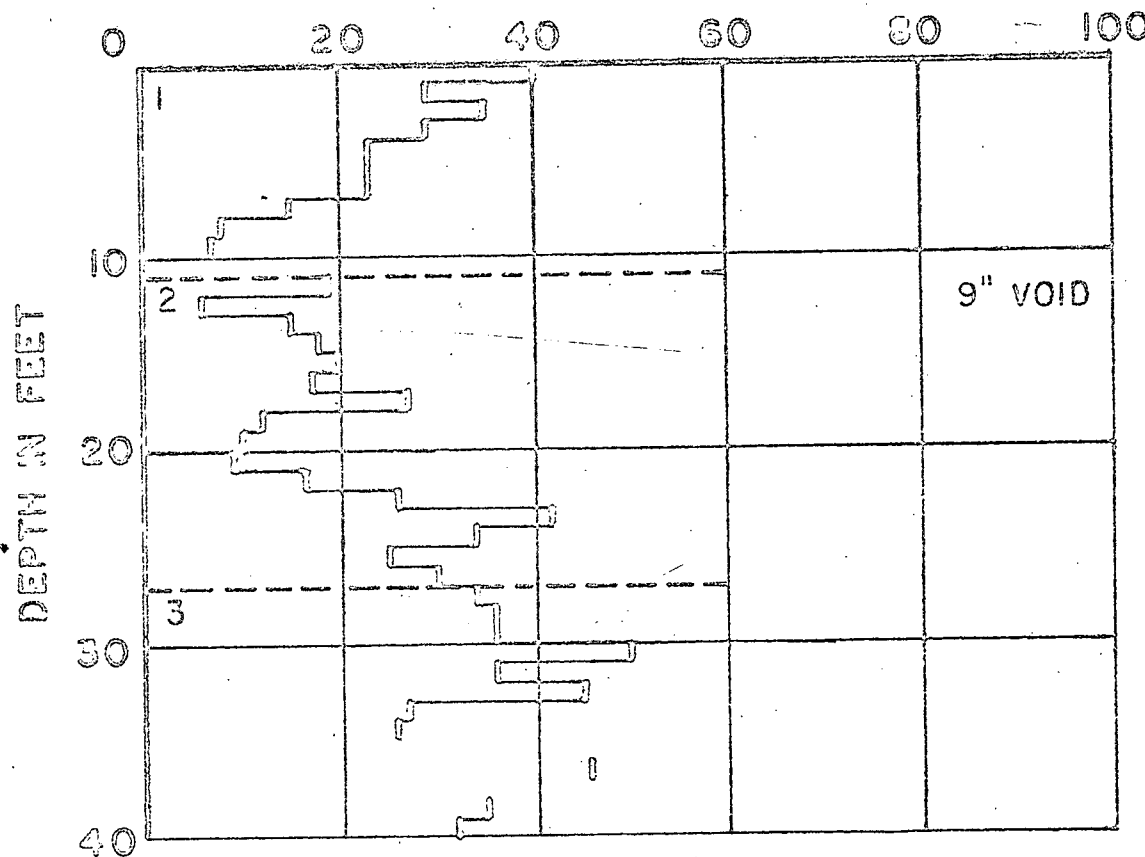
BY _____ DATE _____
 CHECKED BY _____

REVISIONS
 BY _____ DATE _____

FILE _____

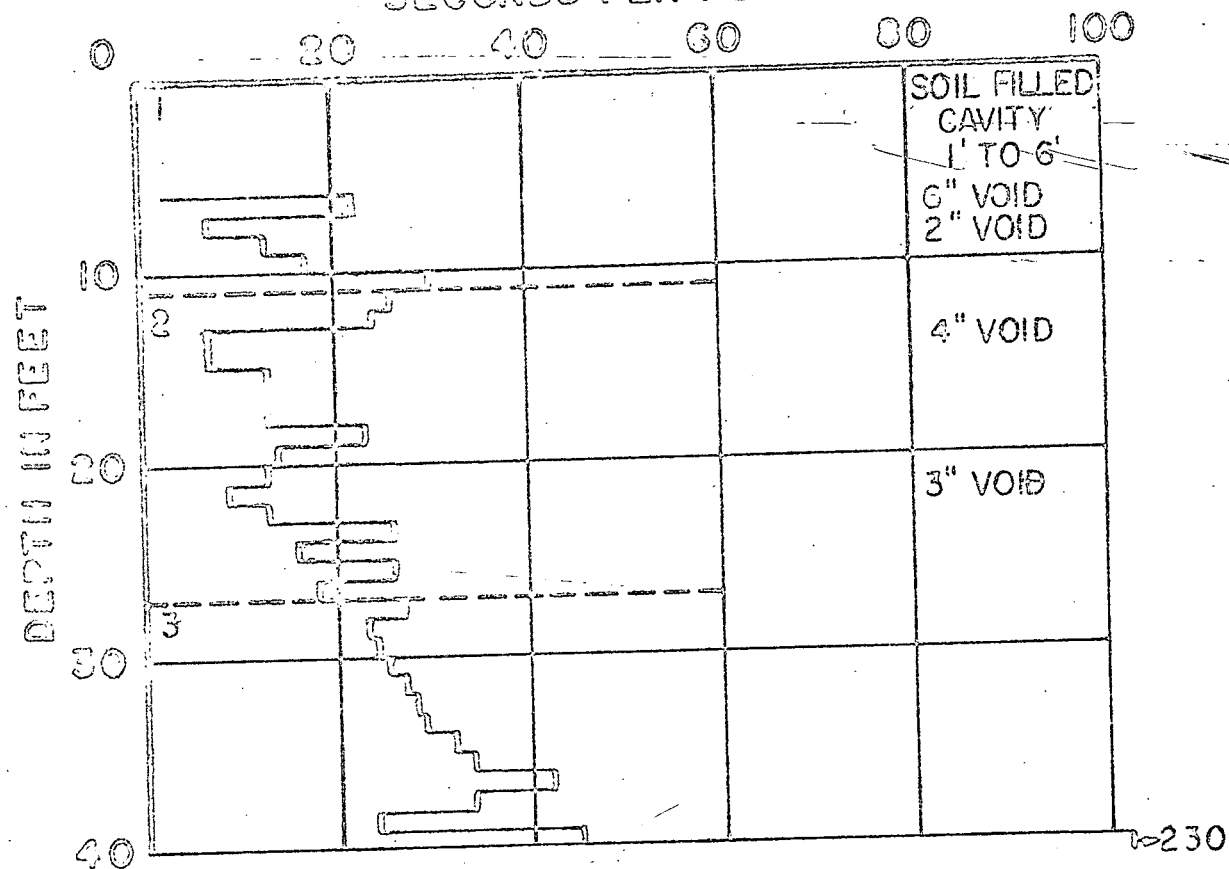
116 BORING 116

RATE OF PENETRATION
 SECONDS PER FOOT



DORING 121

RATE OF PENETRATION
SECONDS PER FOOT



REVISIONS
BY _____ DATE _____

FILE _____

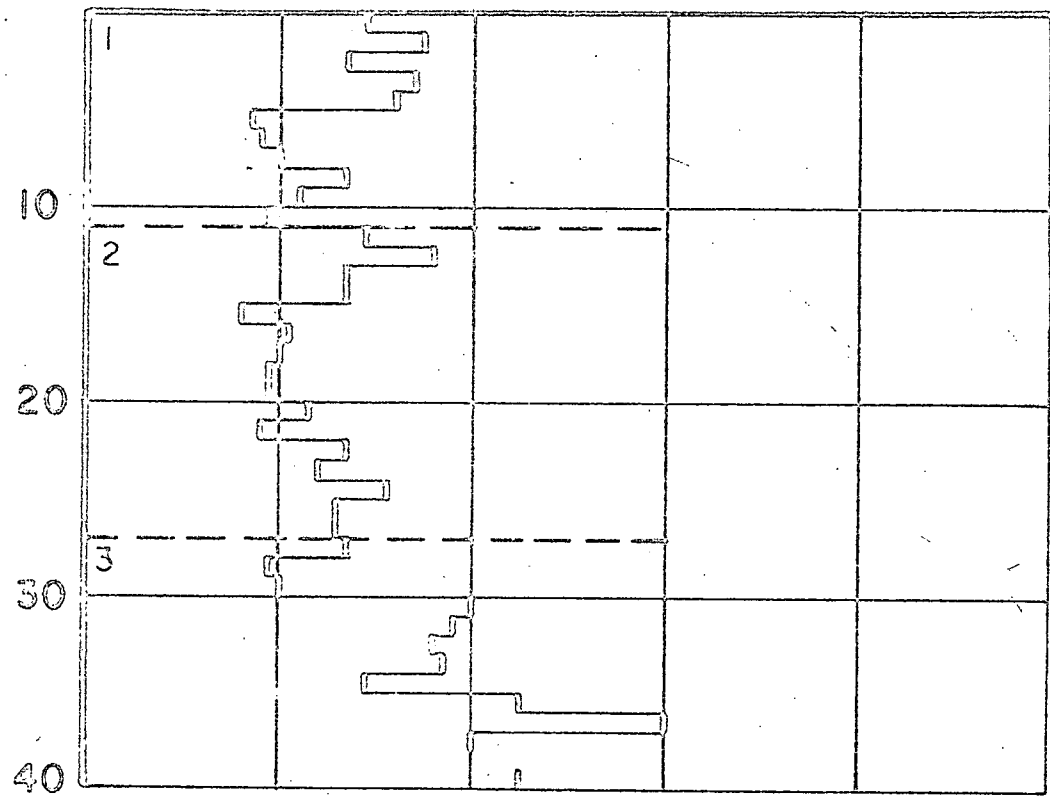
CV _____ DATE _____
CHECKED BY _____

BORING 128

RATE OF PENETRATION
SECONDS PER FOOT

0 20 40 60 80 100

DEPTH IN FEET



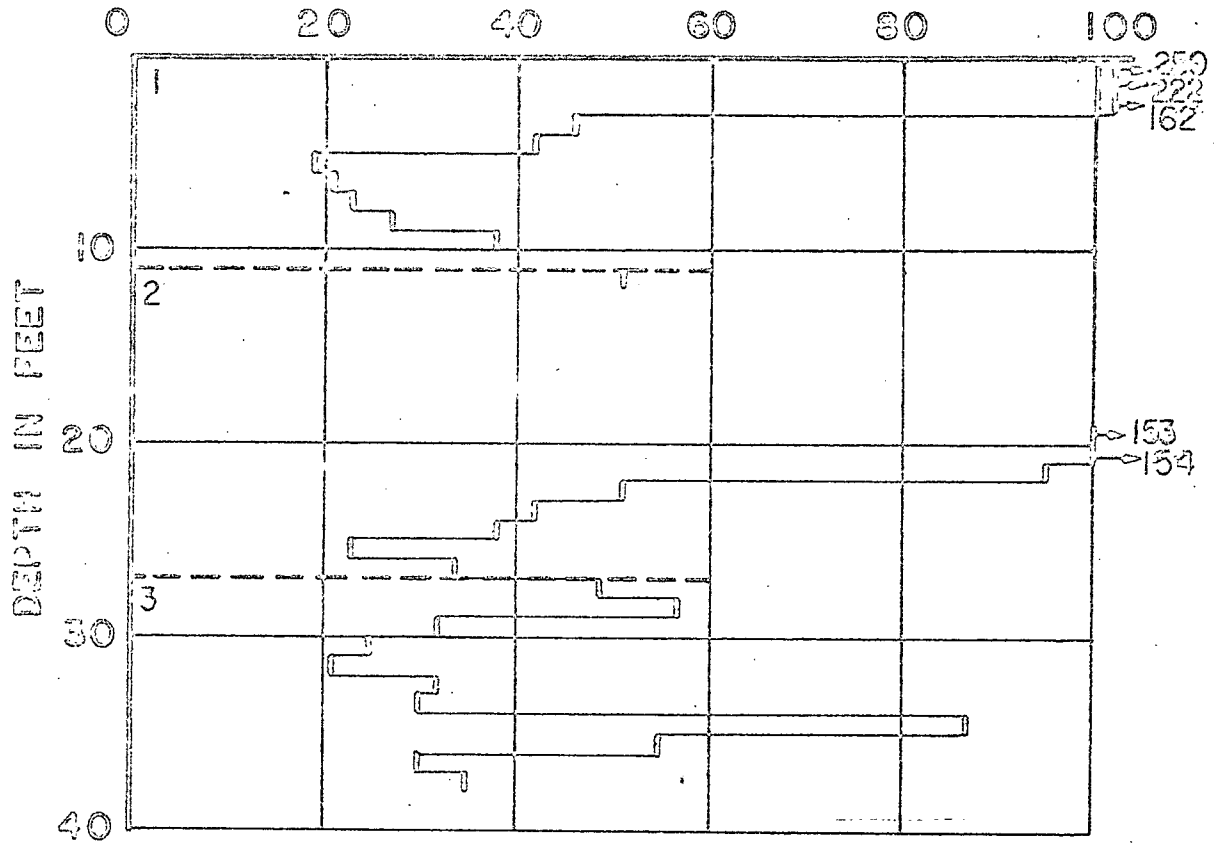
REVISIONS
BY _____ DATE _____

FILE

CHECKED BY _____ DATE _____
BY _____

BORING 133

RATE OF PENETRATION
SECONDS PER FOOT



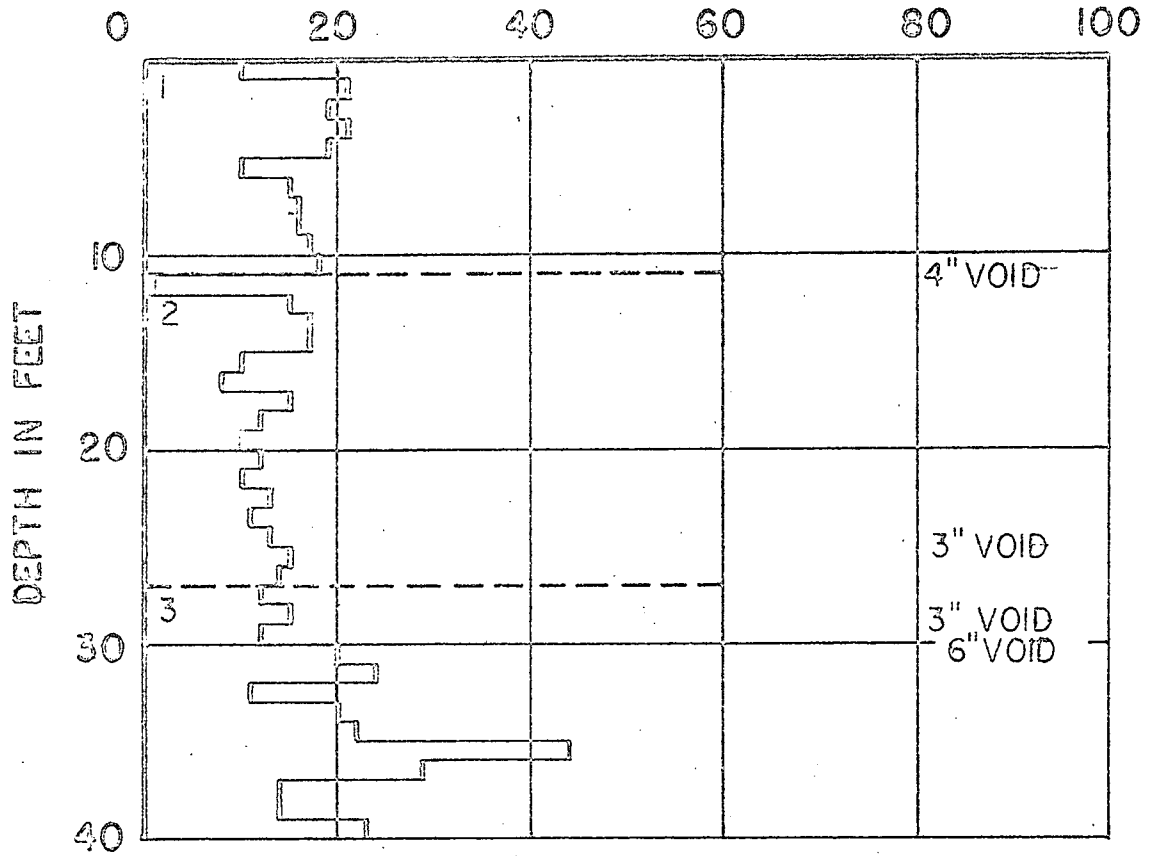
REVISIONS
BY _____ DATE _____

FILE _____

CHECKED BY _____ DATE _____

BORING 134

RATE OF PENETRATION
SECONDS PER FOOT



REVISIONS

BY _____ DATE _____

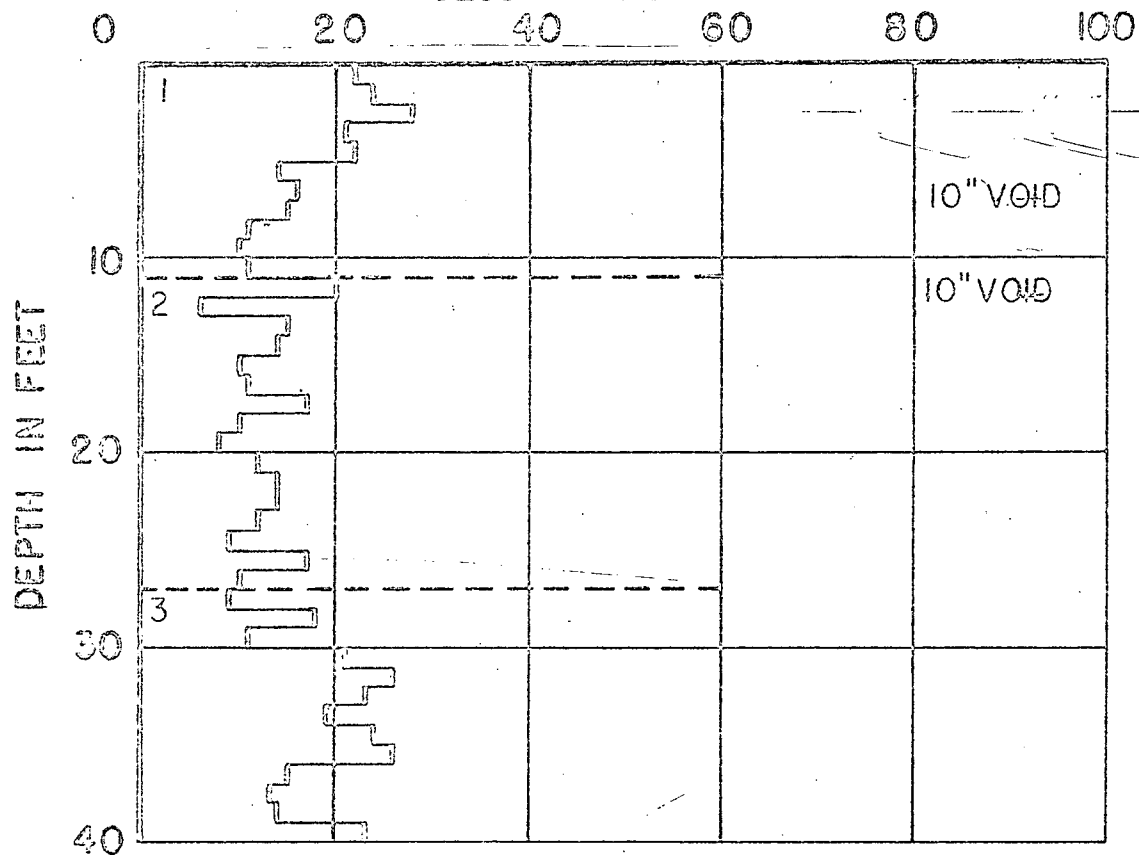
FILE

BY _____ DATE _____

CHECKED BY _____

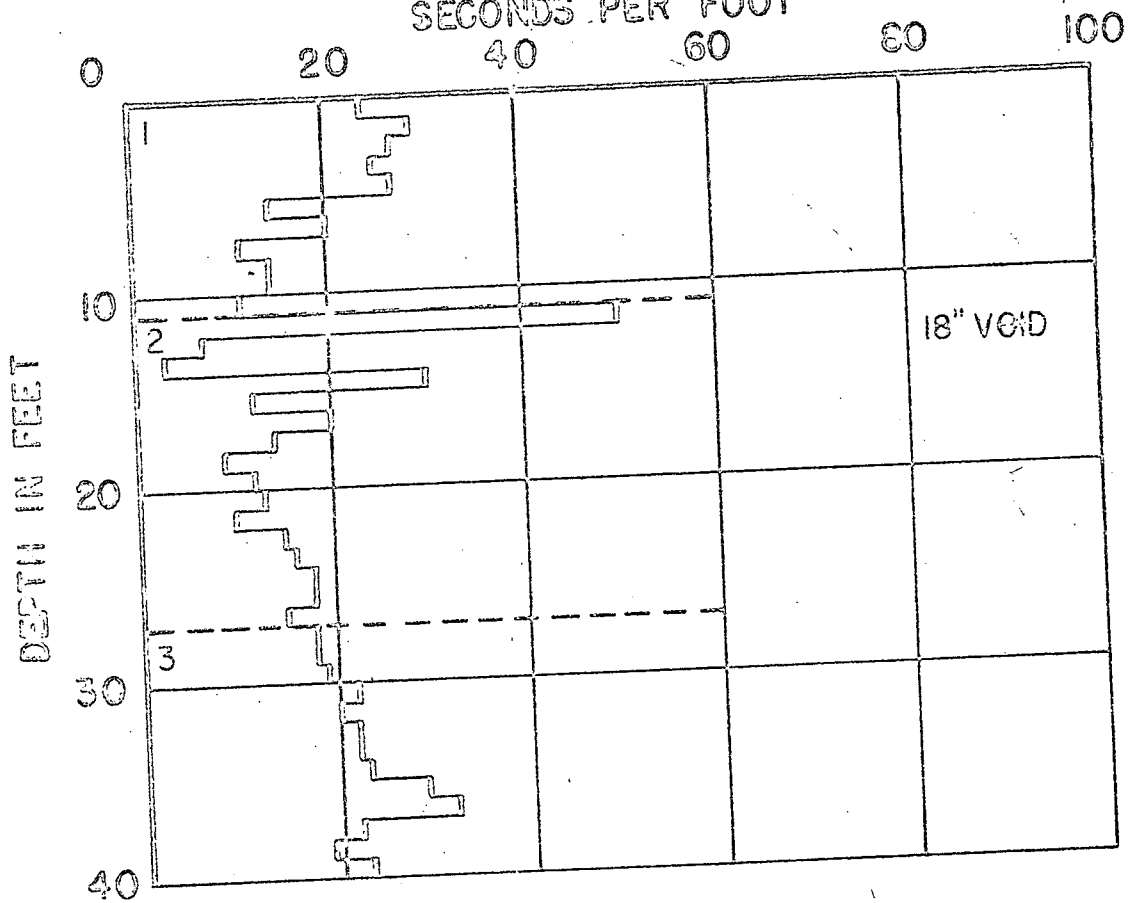
BY _____ DATE _____
CHECKED BY _____REVISIONS
BY _____ DATE _____
FILE _____

BORING 135

RATE OF PENETRATION
SECONDS PER FOOT

BORING 136

RATE OF PENETRATION
SECONDS PER FOOT



18" VOID

REVISIONS
BY _____ DATE _____

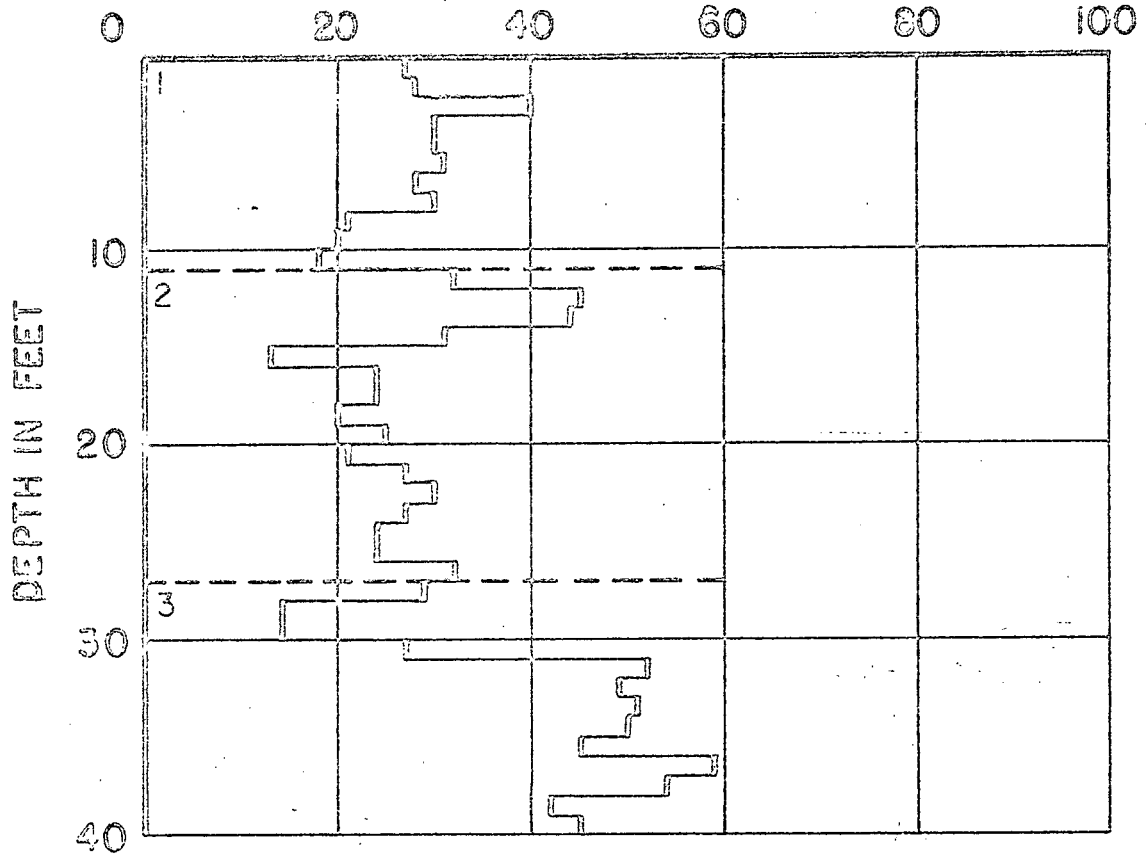
FILE _____

BY _____ DATE _____
CHECKED BY _____

137

BORING 137

RATE OF PENETRATION
SECONDS PER FOOT



REVISIONS
BY _____ DATE _____

FILE _____

CHECKED BY _____ DATE _____

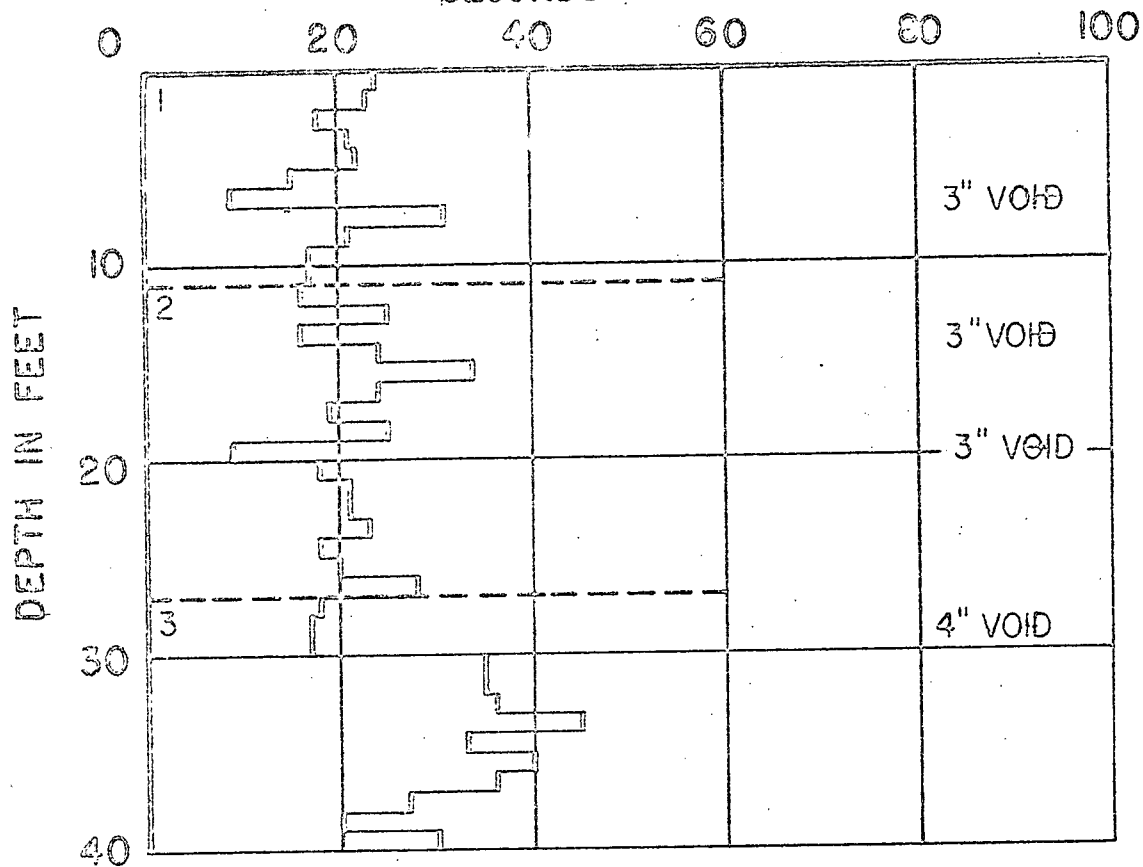
BY _____ DATE _____
 CHECKED BY _____

FILE _____

REVISIONS
 BY _____ DATE _____

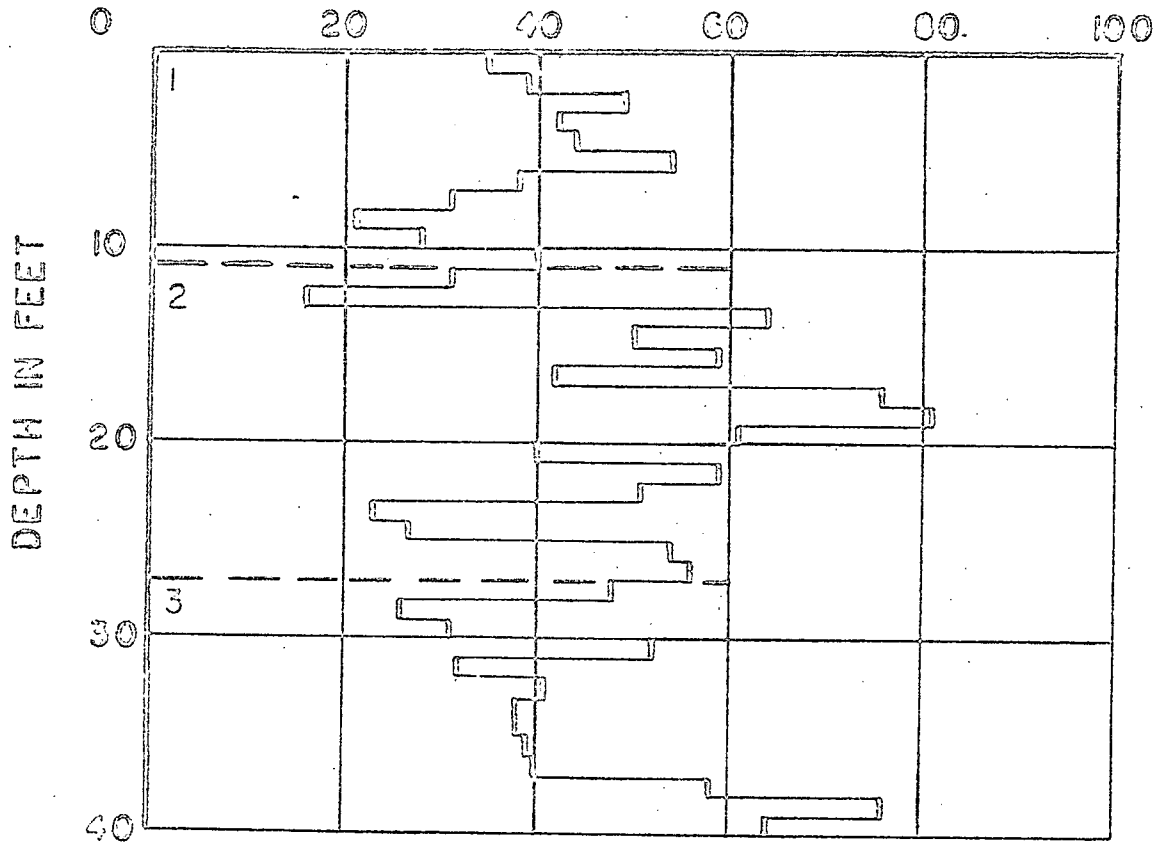
BORING 149

RATE OF PENETRATION
 SECONDS PER FOOT



BORING 150

RATE OF PENETRATION
SECONDS PER FOOT



REVISIONS
BY _____ DATE _____

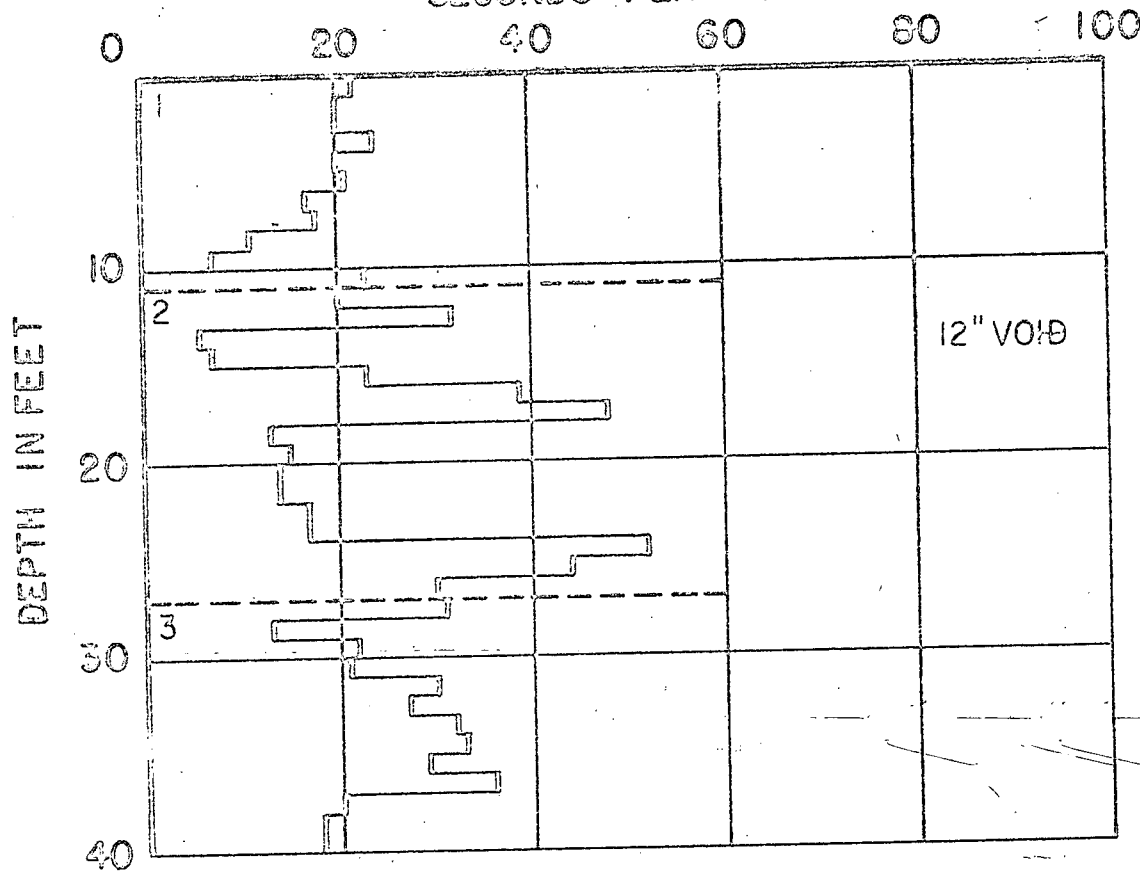
FILE _____

CHECKED BY _____ DATE _____

BY _____ DATE _____
 CHECKED BY _____ FILE _____
 REVISIONS BY _____ DATE _____

BORING 131

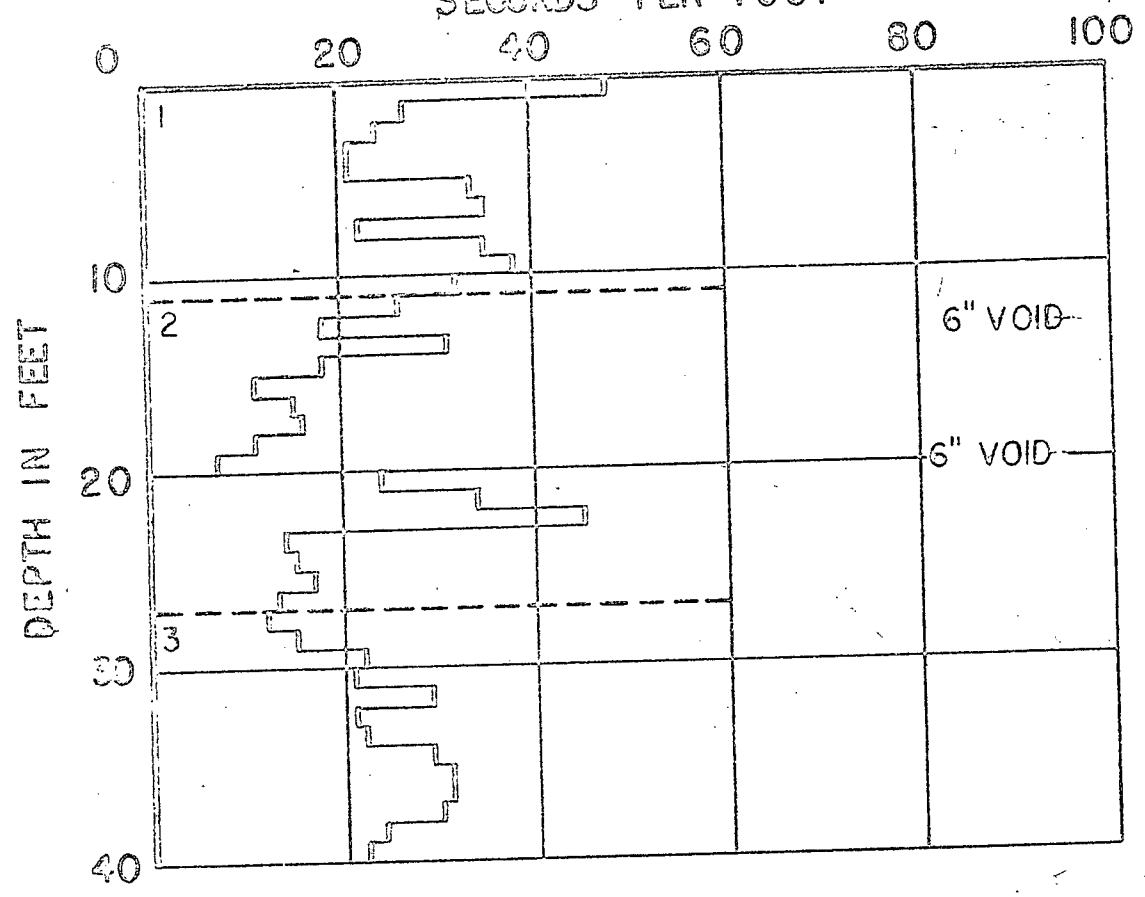
RATE OF PENETRATION
 SECONDS PER FOOT



REVISIONS _____
 BY _____ DATE _____
 FILE _____
 CHECKED BY _____ DATE _____

BORING 152

RATE OF PENETRATION
 SECONDS PER FOOT



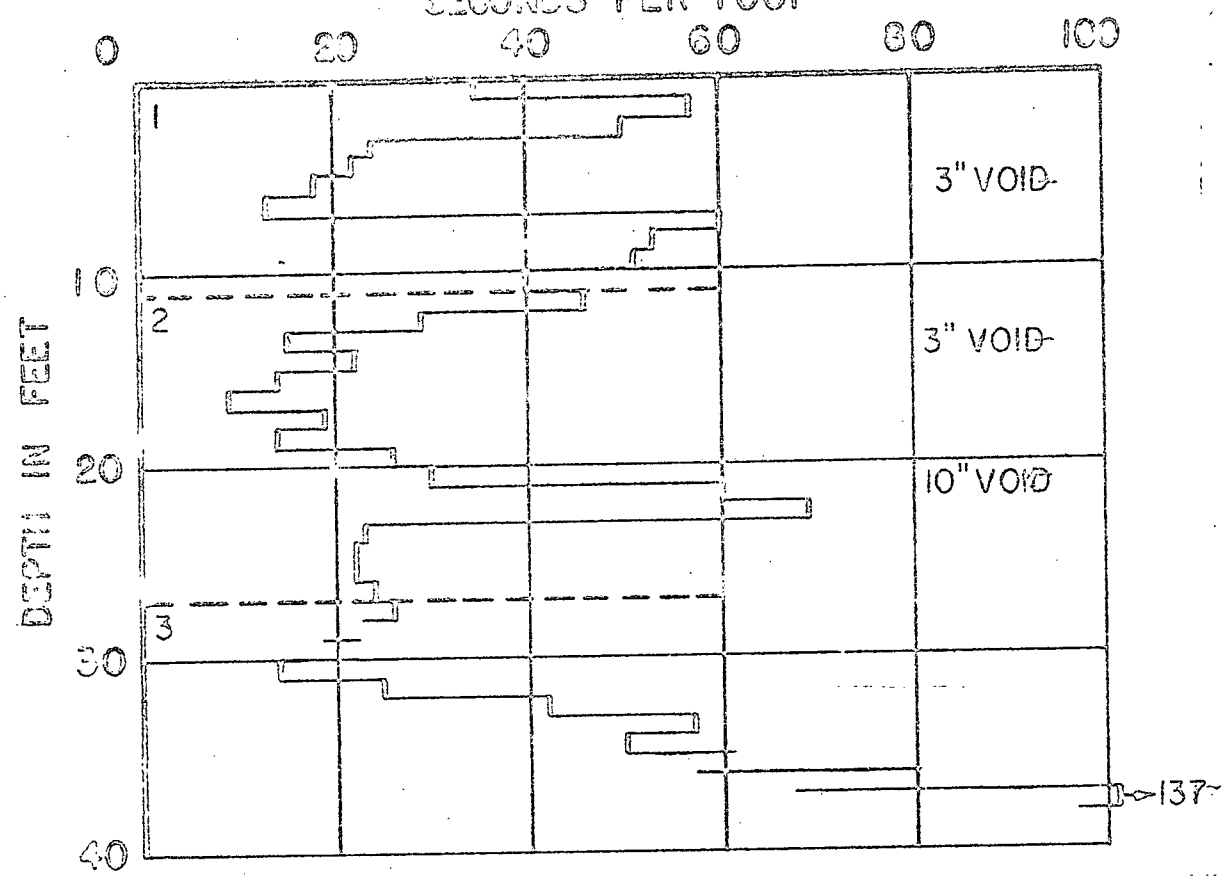
CY _____ DATE _____
CHECKED BY _____

FILE _____

REVISIONS
BY _____ DATE _____

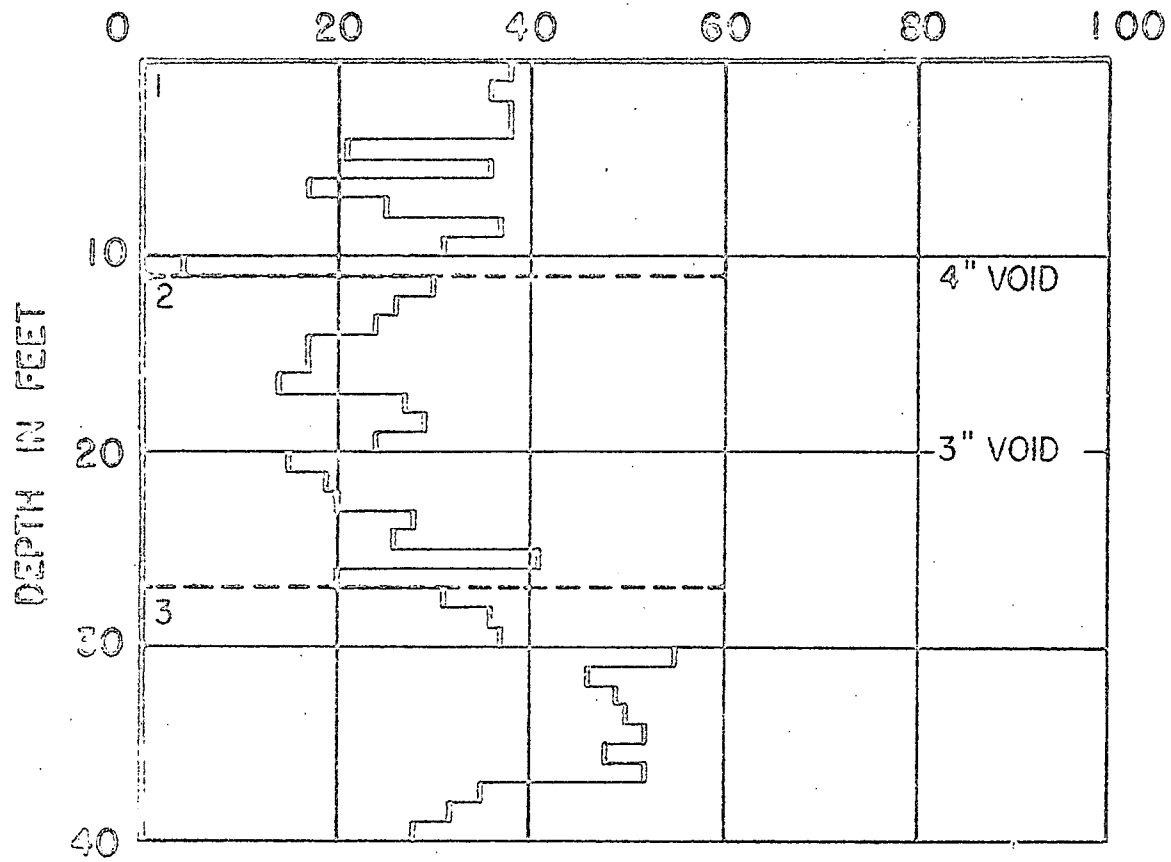
DURING 153

RATE OF PENETRATION
SECONDS PER FOOT



BORING 154

RATE OF PENETRATION
SECONDS PER FOOT



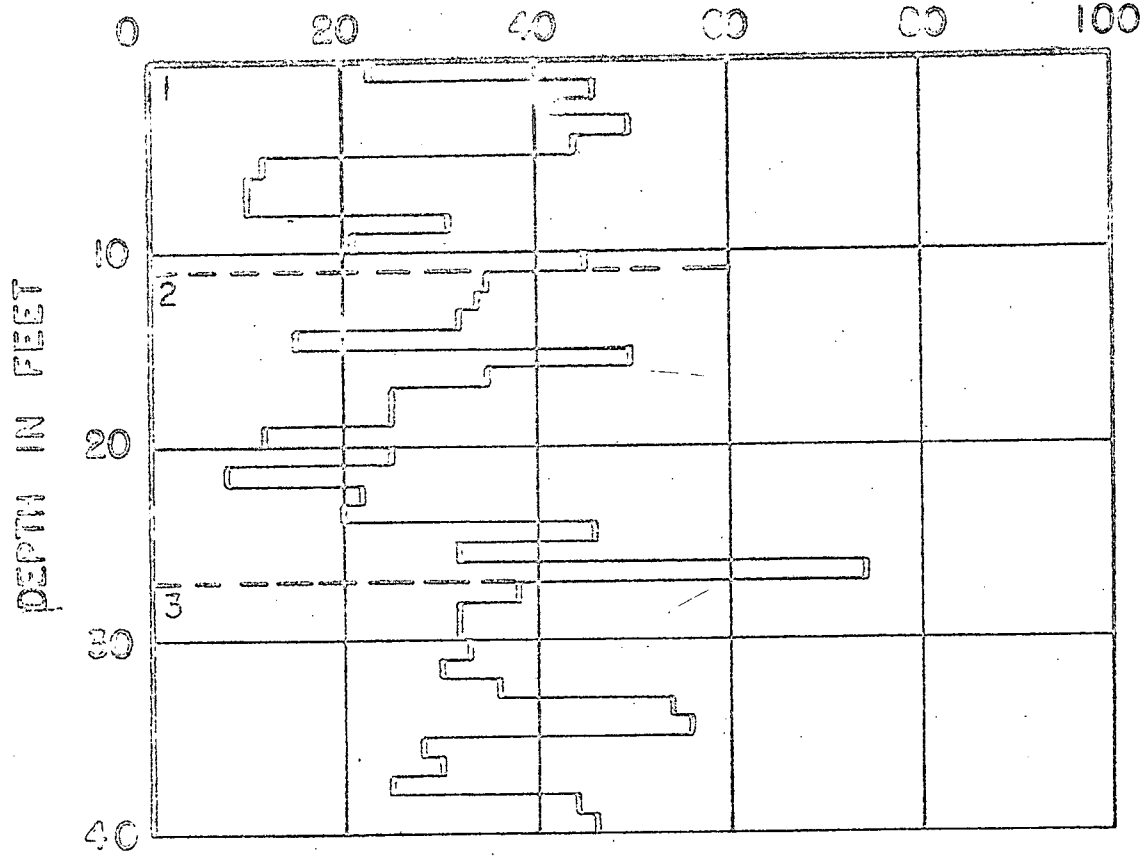
REVISIONS
BY DATE

FILE

CHECKED BY DATE

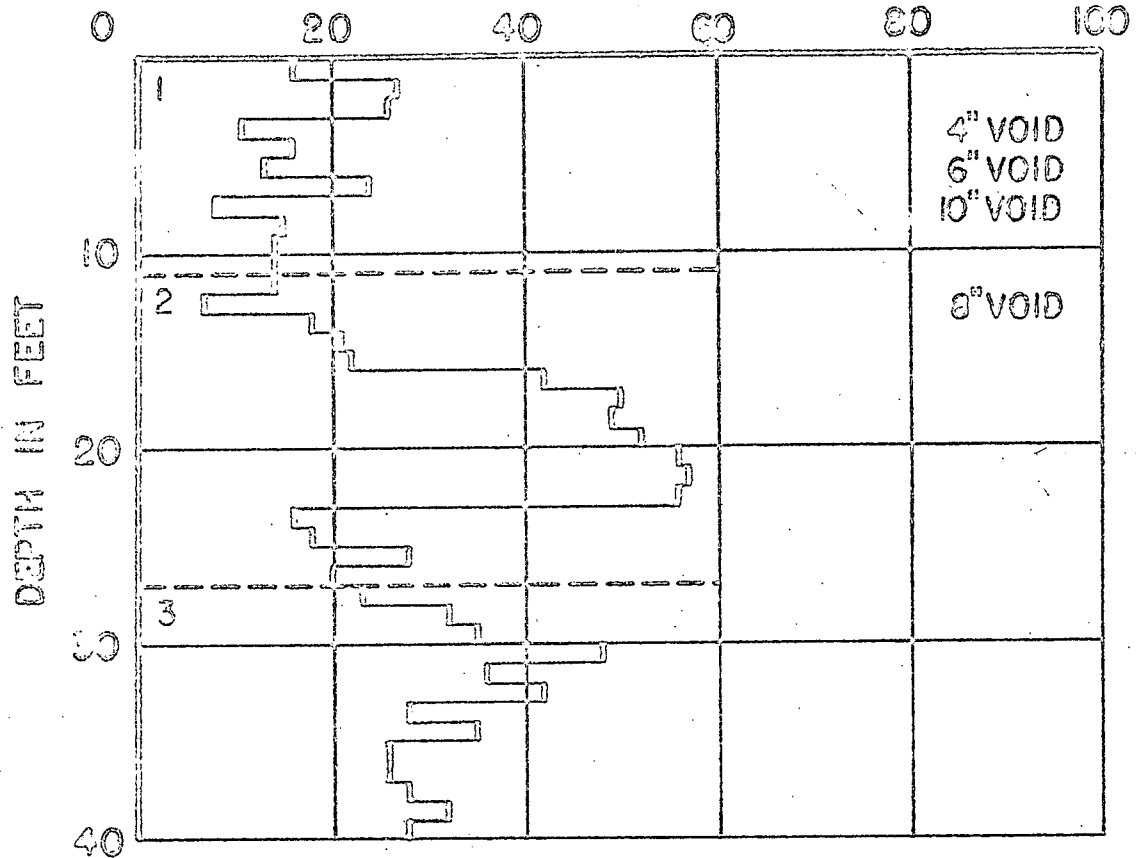
DOMING-123

RATE OF PENETRATION
SECONDS PER FOOT



BORING 166

RATE OF PENETRATION
SECONDS PER FOOT



REVISIONS
BY DATE

FILE

CHECKED BY DATE

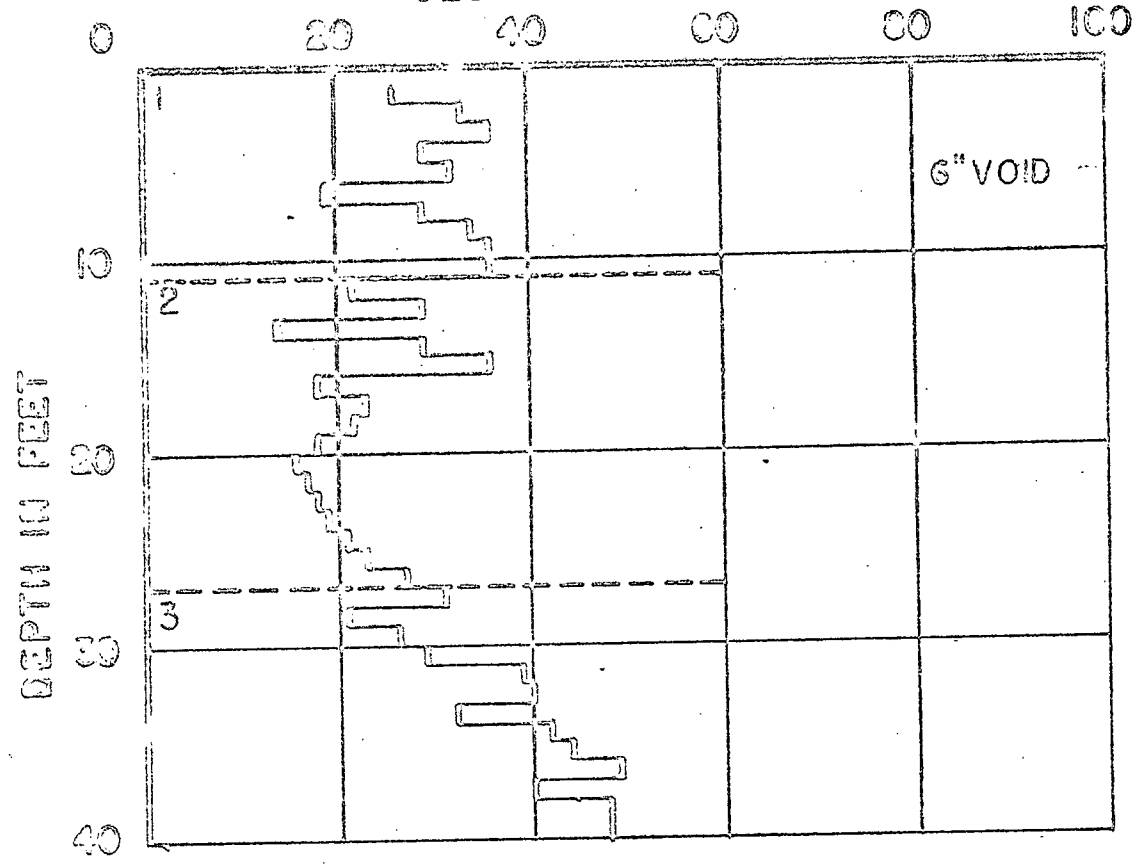
CY _____ DATE _____
CHECKED BY _____

REVISIONS
CY _____ DATE _____

FILE _____

CORING 167

RATE OF PENETRATION SECONDS PER FOOT



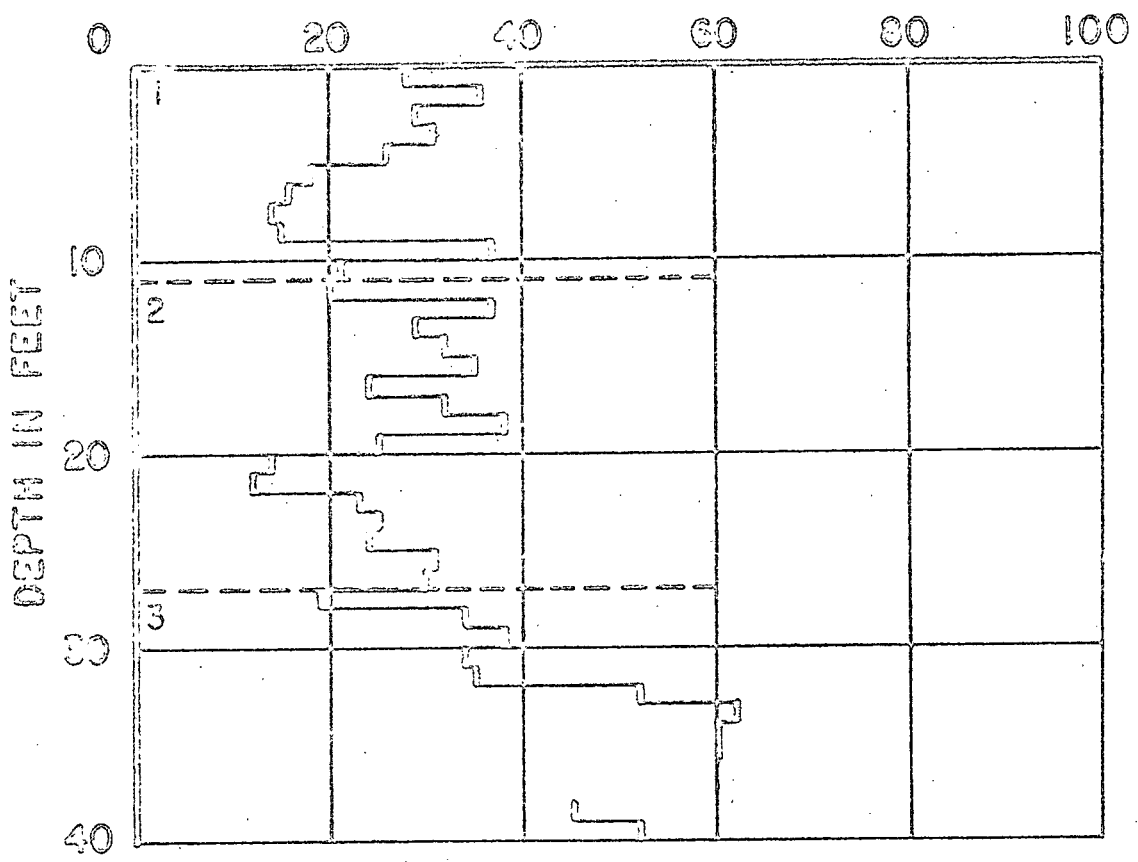
BY _____ DATE _____
 CHECKED BY _____

FILE _____

REVISIONS
 BY _____ DATE _____

BORING 168

RATE OF PENETRATION
 SECONDS PER FOOT



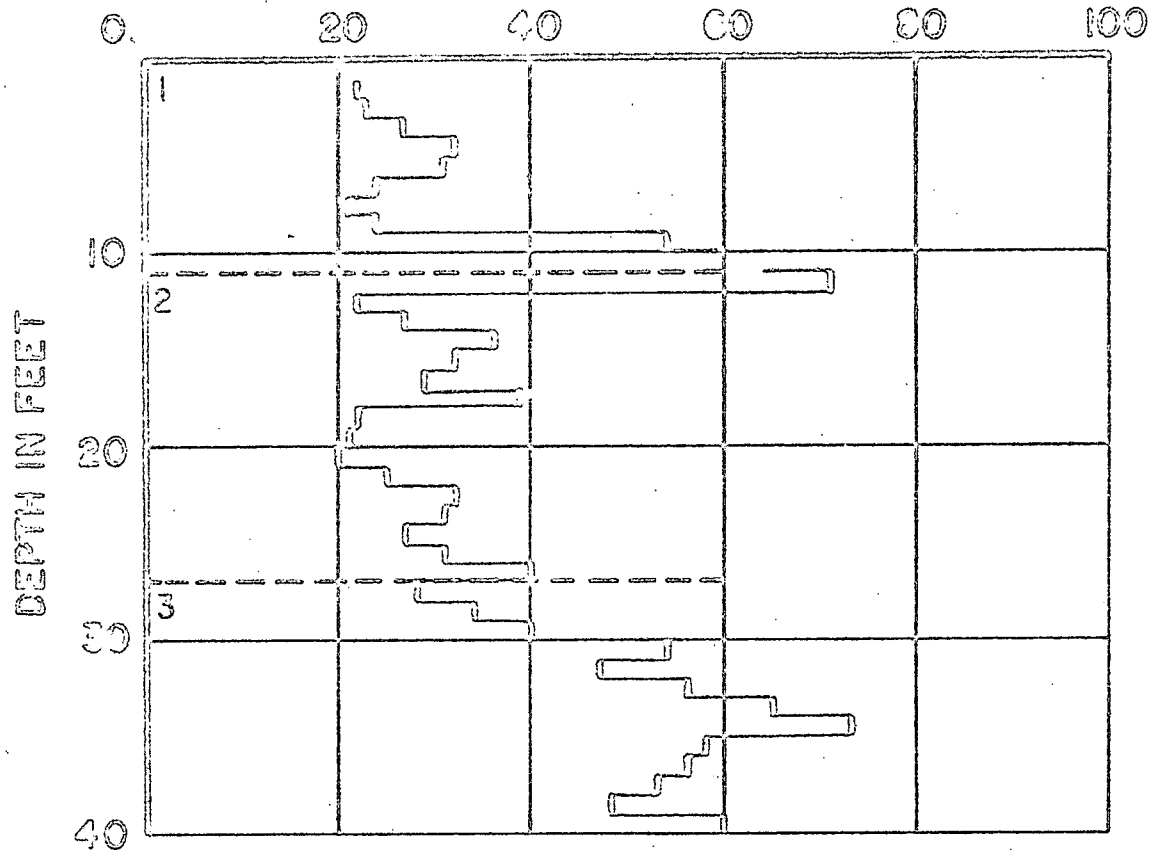
BY _____ DATE _____
 CHECKED BY _____

FILE _____

REVISIONS
 BY _____ DATE _____

BORING 169

RATE OF PENETRATION
 SECONDS PER FOOT



BY _____ DATE _____

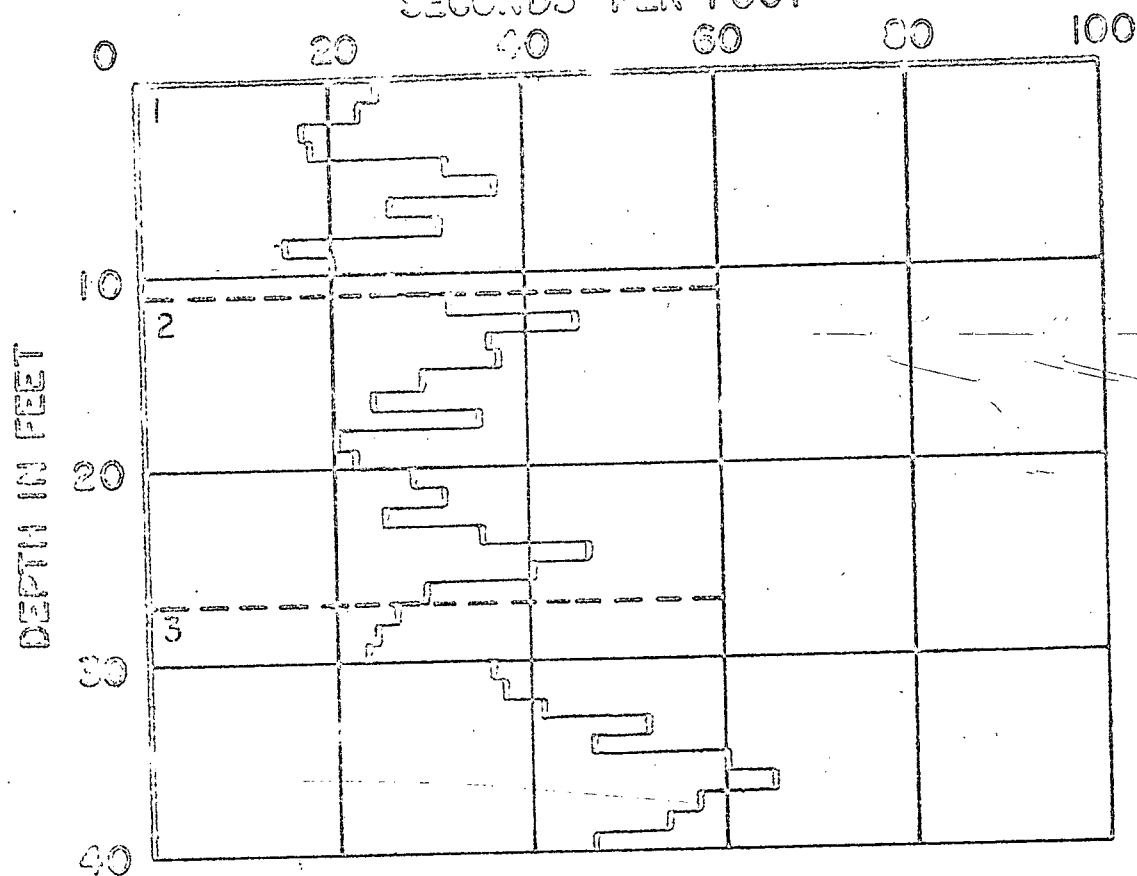
CHECKED BY _____

FILE _____

REVISIONS

BY _____ DATE _____

BORING 170

RATE OF PENETRATION
SECONDS PER FOOT

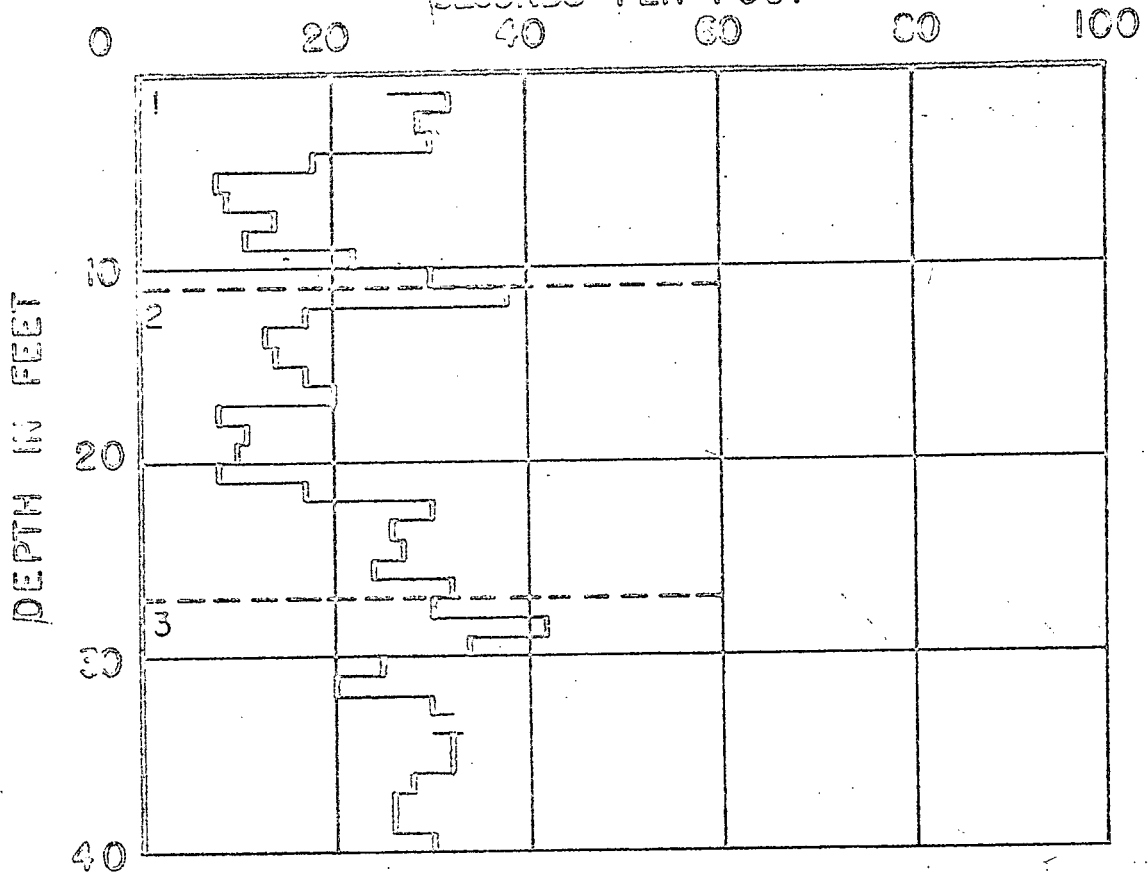
BY _____ DATE _____
CHECKED BY _____

FILE _____

REVISIONS
BY _____ DATE _____

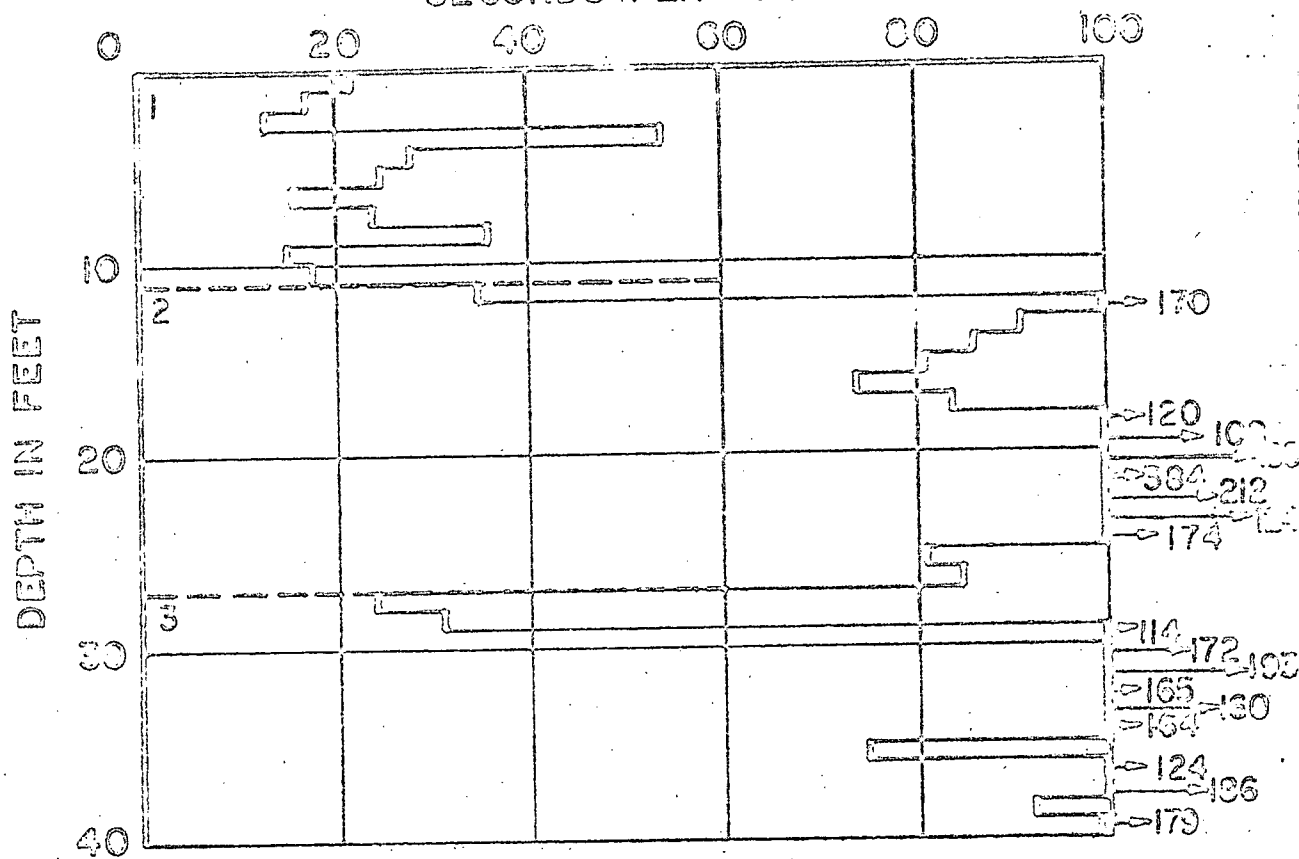
BORING 171

RATE OF PENETRATION
SECONDS PER FOOT



CORING 172

RATE OF PENETRATION
SECONDS PER FOOT



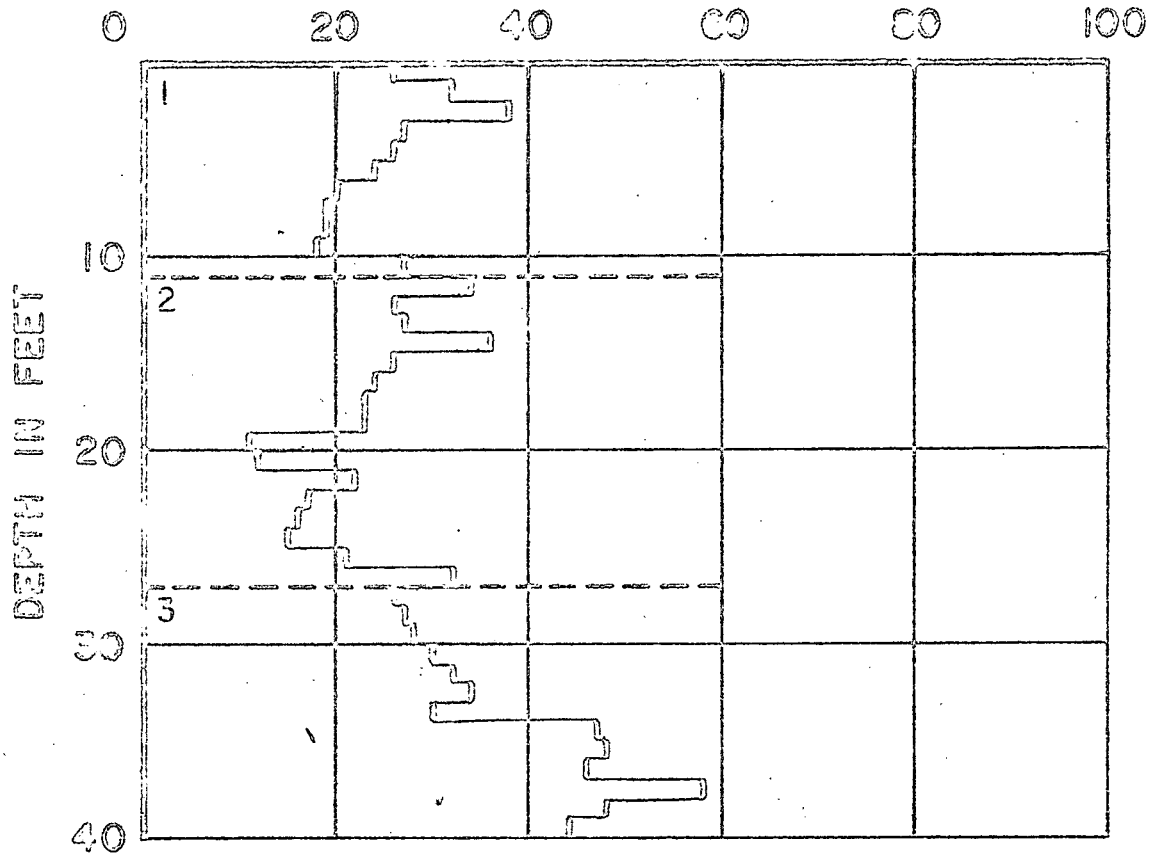
REVISIONS
BY _____ DATE _____

FILE

CY _____ DATE _____
CHECKED BY _____

BORING 185

RATE OF PENETRATION
SECONDS PER FOOT



REVISIONS
BY _____
DATE _____

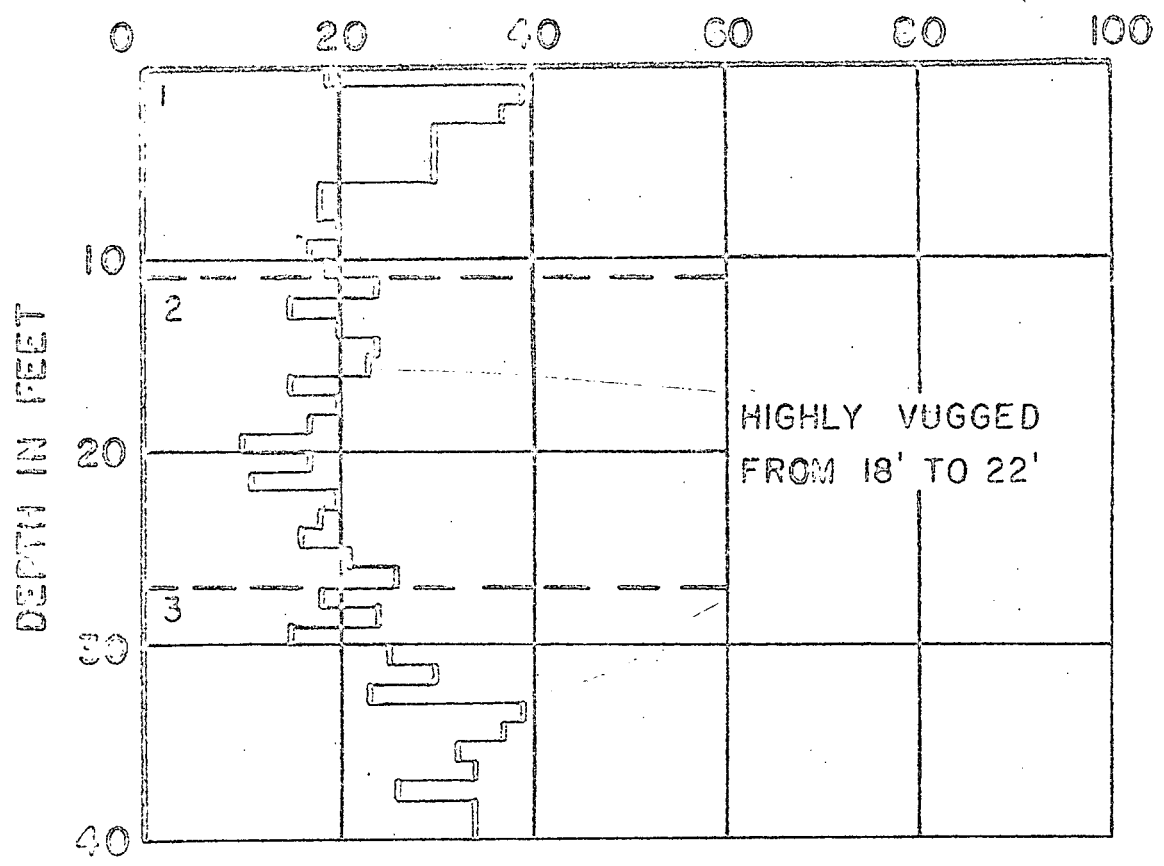
FILE

BY _____
CHECKED BY _____
DATE _____

BY _____ DATE _____
CHECKED BY _____ FILE _____
REVISIONS BY _____ DATE _____

BORING- 106

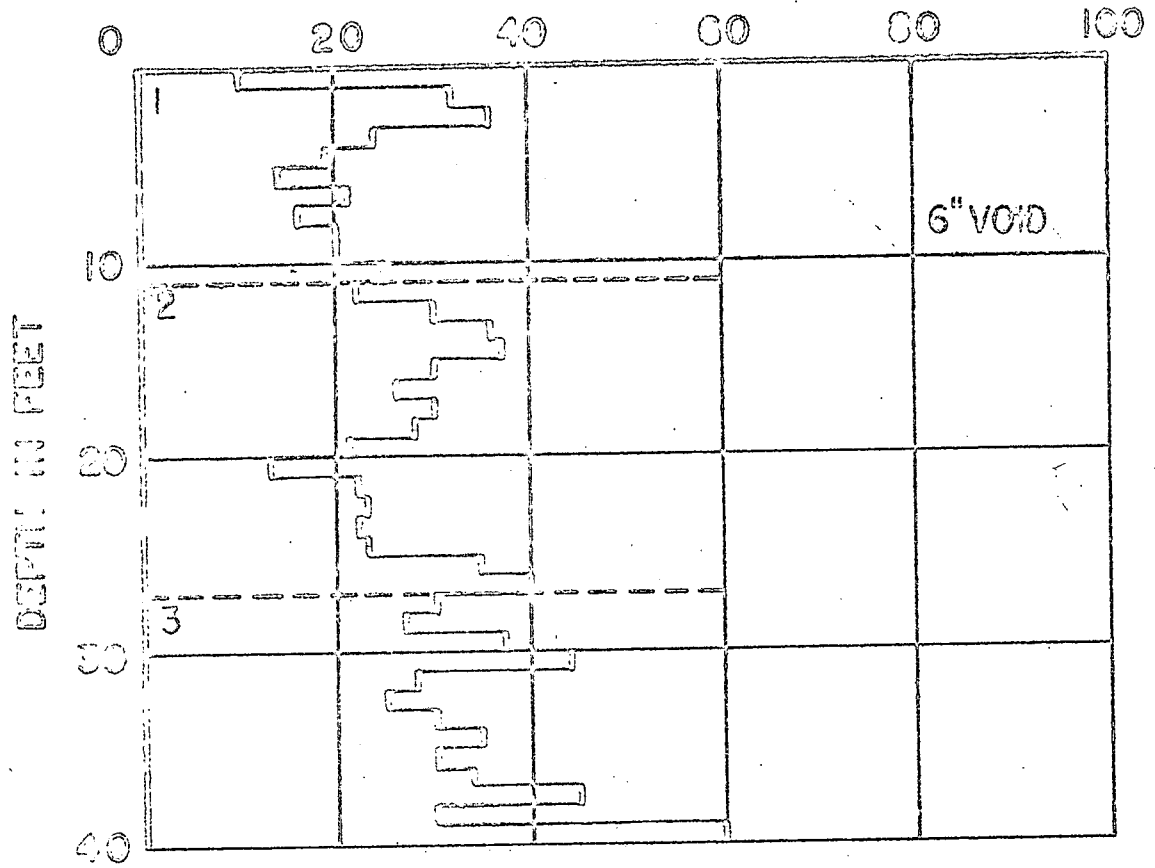
RATE OF PENETRATION
SECONDS PER FOOT



BORING 107

Being

RATE OF PENETRATION
SECONDS PER FOOT



REVISIONS
BY _____ DATE _____

FILE _____

CHECKED BY _____ DATE _____

DRAWN BY

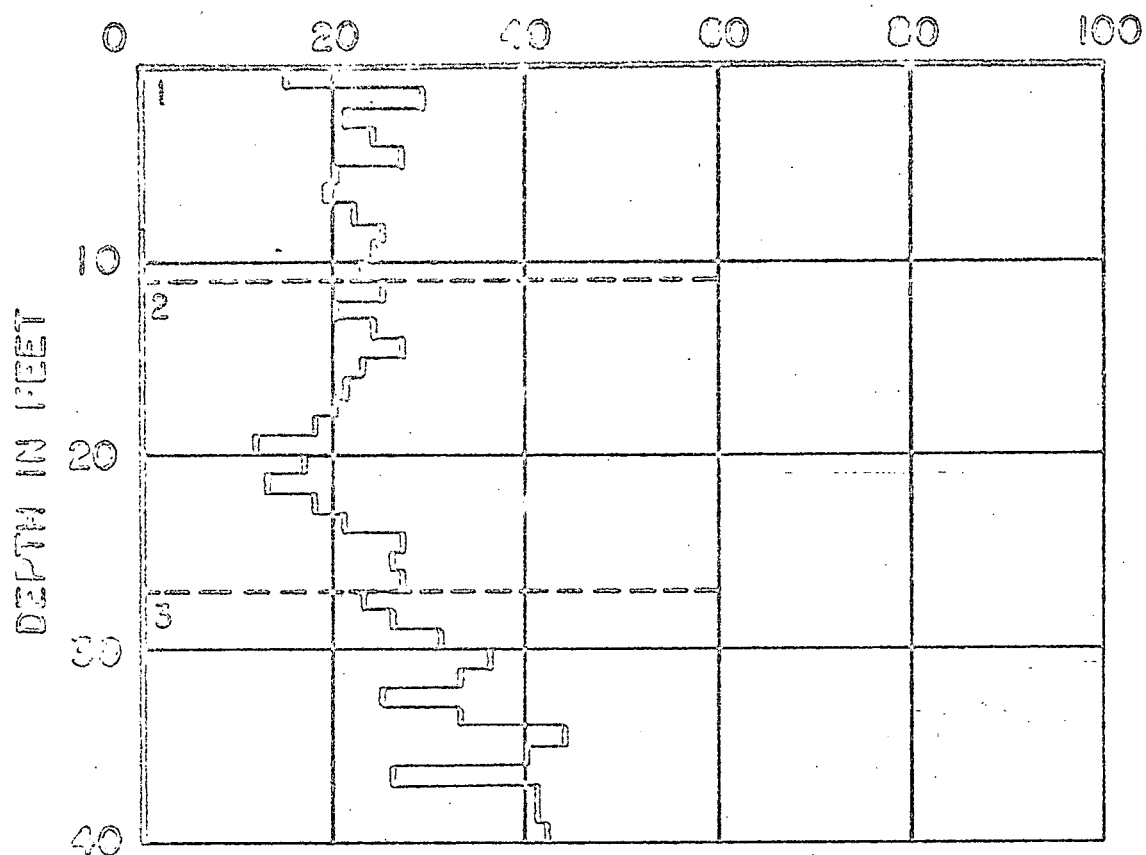
PLATE

BY _____ DATE _____
CHECKED BY _____

FILE _____

REVISIONS
BY _____ DATE _____

BORING 100

RATE OF PENETRATION
SECONDS PER FOOT

BORING 100

PLATE

BY _____ DATE _____

CHECKED BY _____

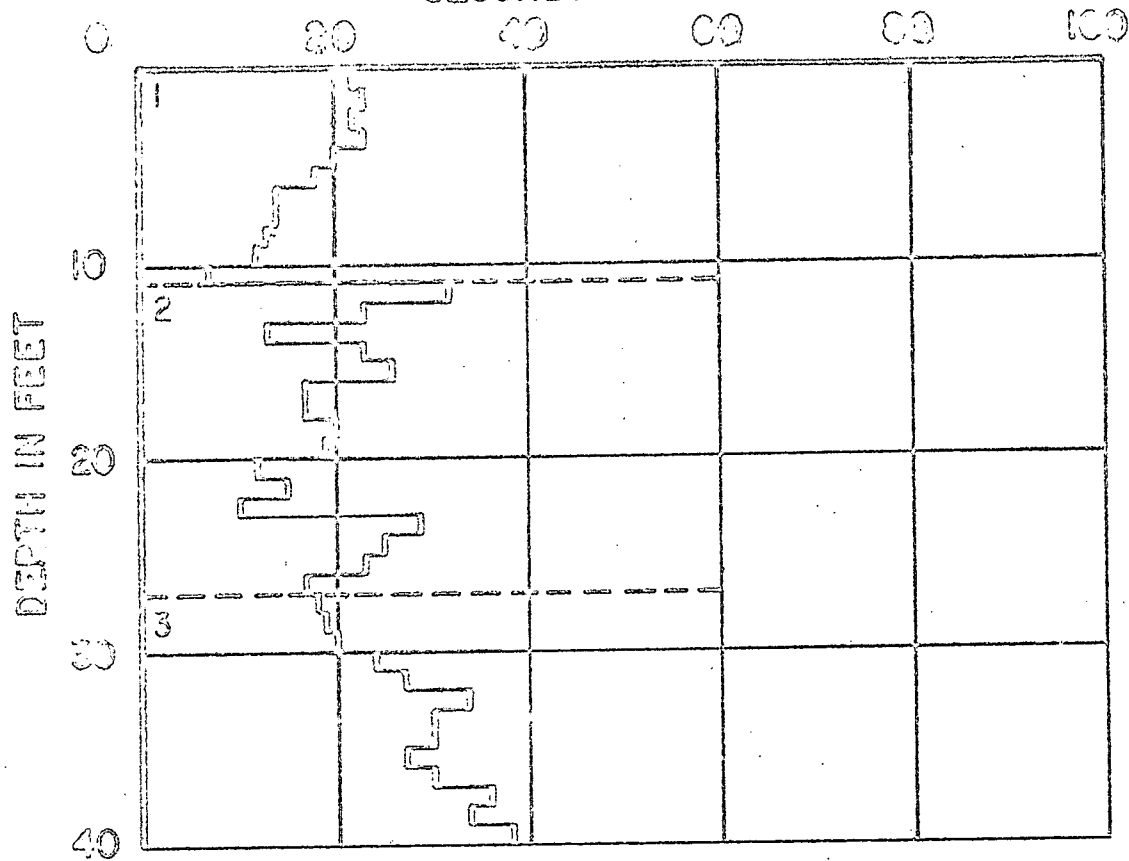
FILE _____

REVISIONS

BY _____ DATE _____

LOGNO: 100

RATE OF PENETRATION
SECONDS PER FOOT



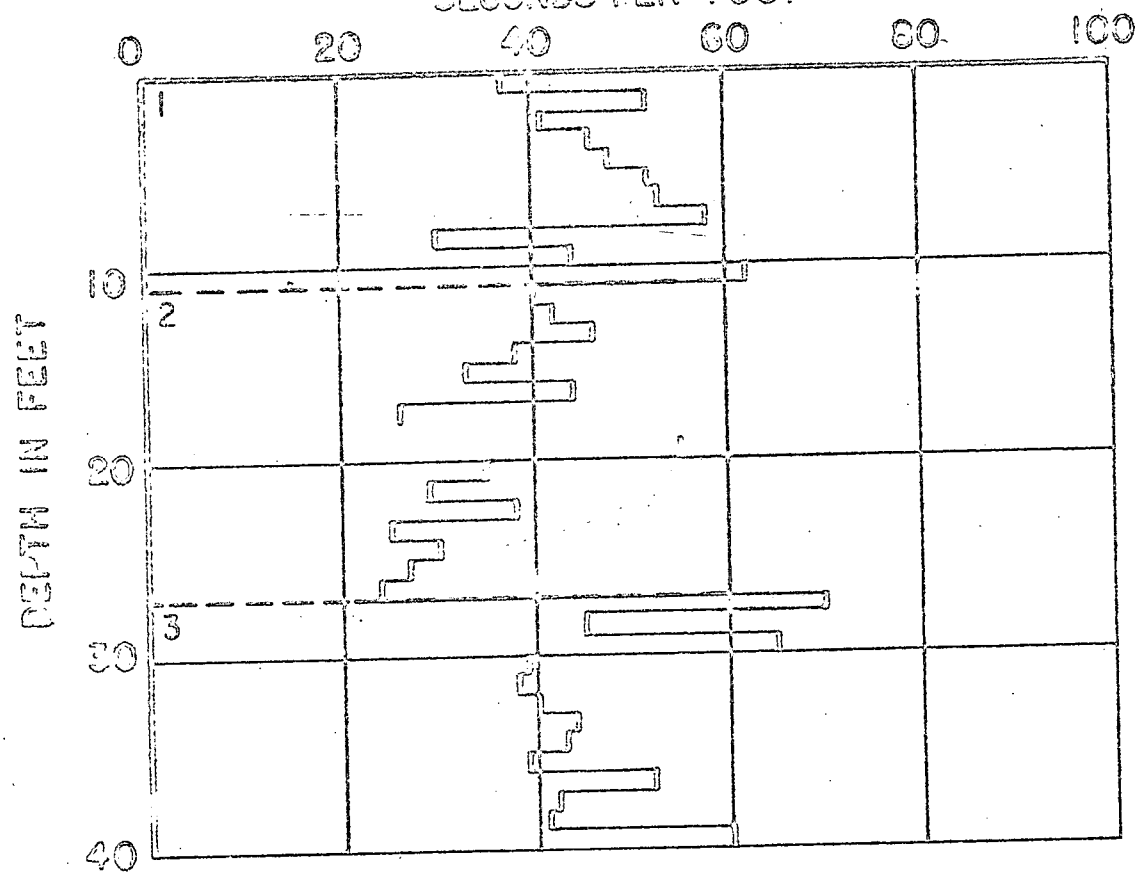
BY _____ DATE _____
CHECKED BY _____

FILE _____

REVISIONS
BY _____ DATE _____

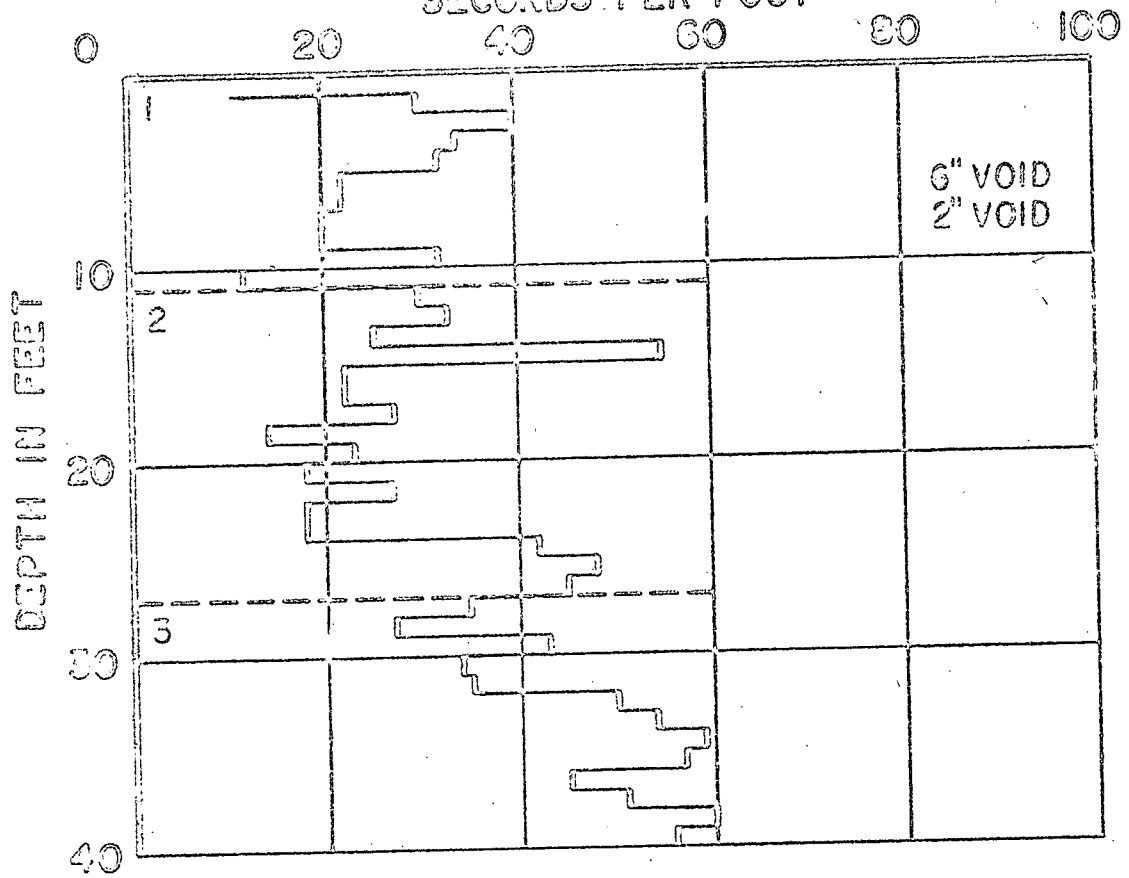
BORING 190

RATE OF PENETRATION
SECONDS PER FOOT



BORING 191

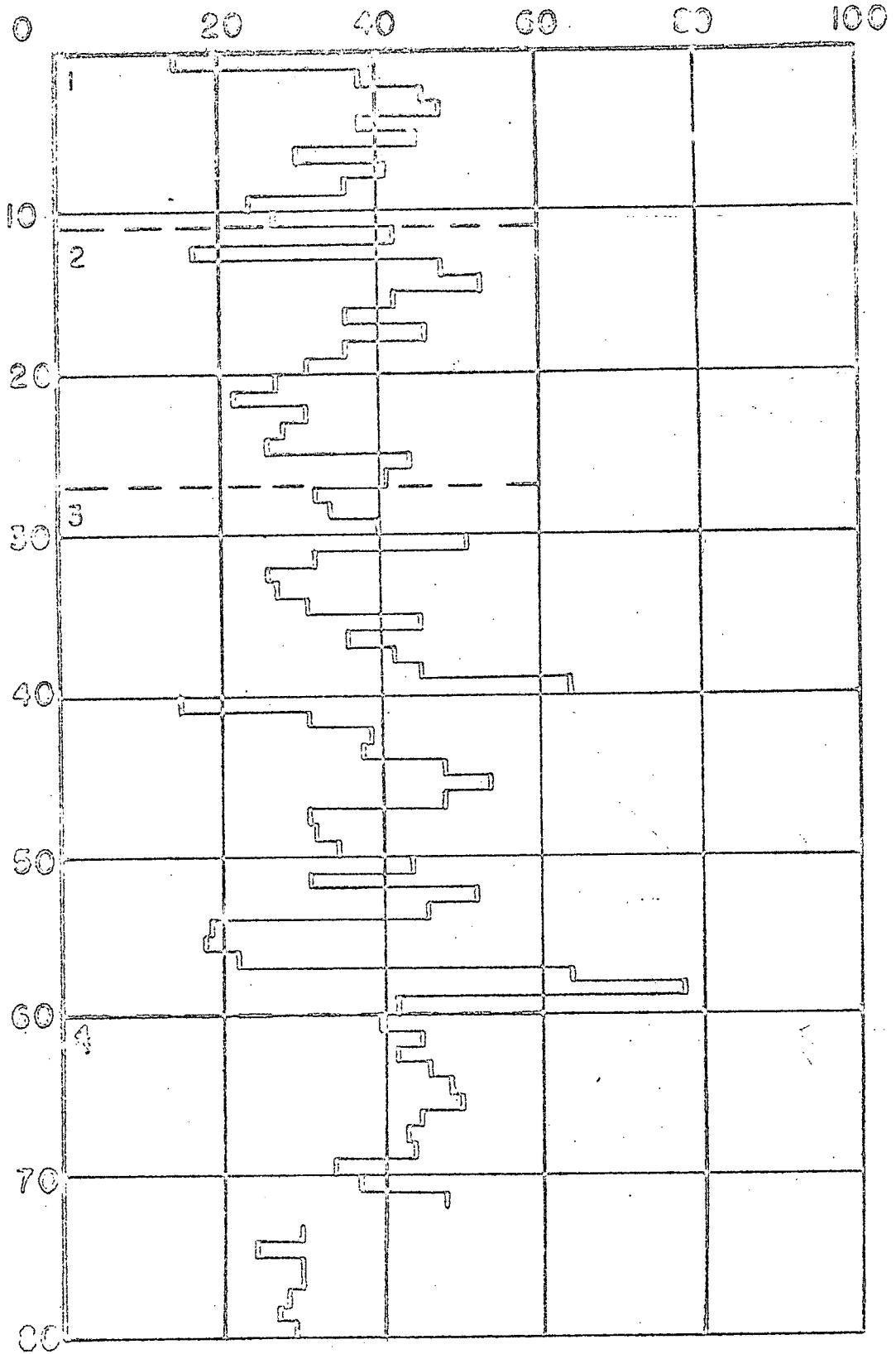
RATE OF PENETRATION
SECONDS PER FOOT



172

BORINGS 192

RATE OF PENETRATION
SECONDS PER FOOT

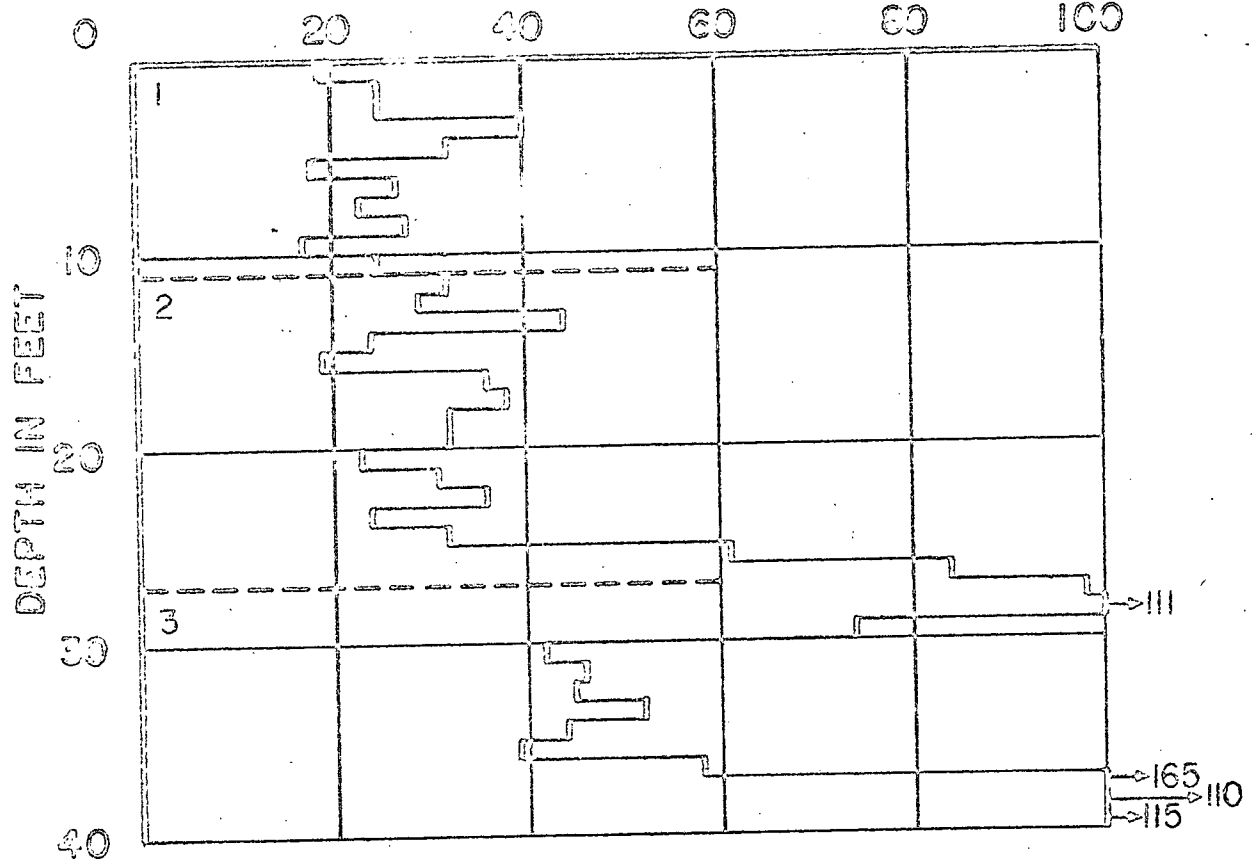


942.7 (REV. 6-6) DATE _____ BY _____ CHECKED BY _____ FILE _____ DATE _____ BY _____ REVISIONS

199

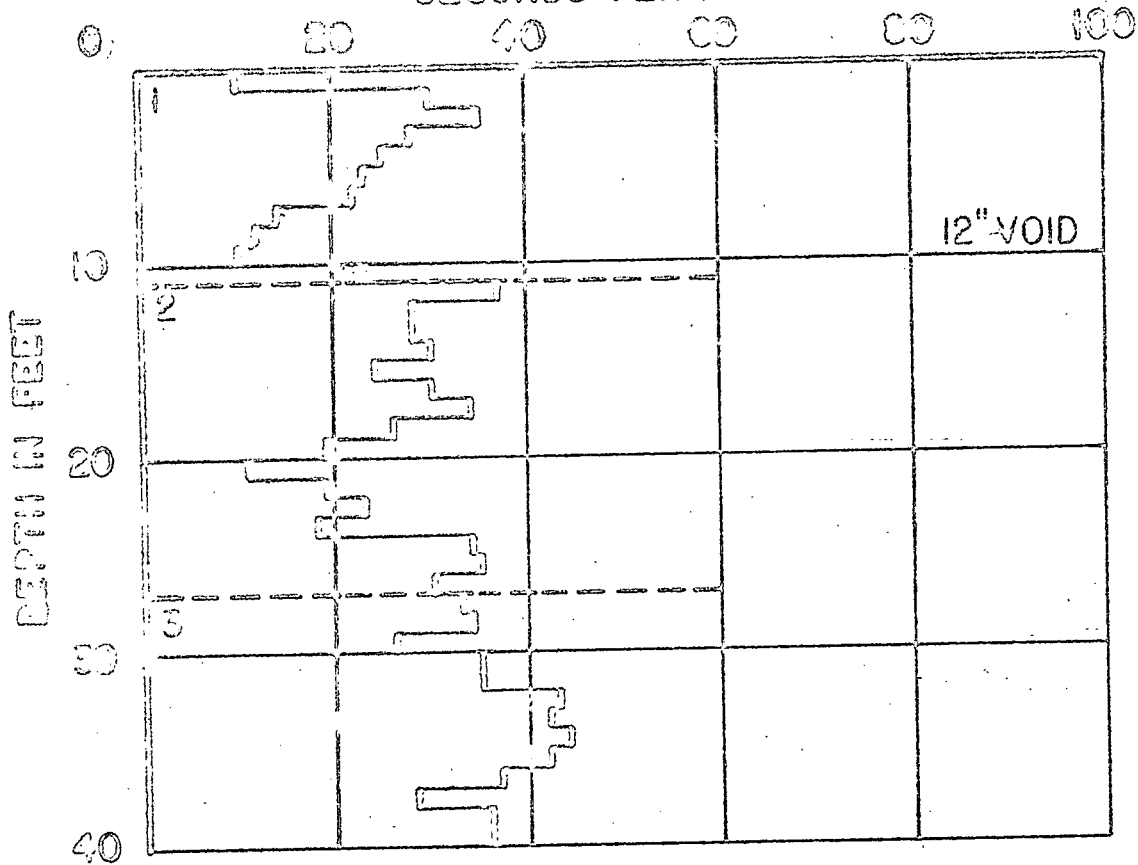
BORING 199

RATE OF PENETRATION
 SECONDS PER FOOT



BORING 204

RATE OF PENETRATION
SECONDS PER FOOT



REVISIONS
BY _____ DATE _____

FILE _____

BY _____ DATE _____
CHECKED BY _____

SAFETY (REV. 6-58)

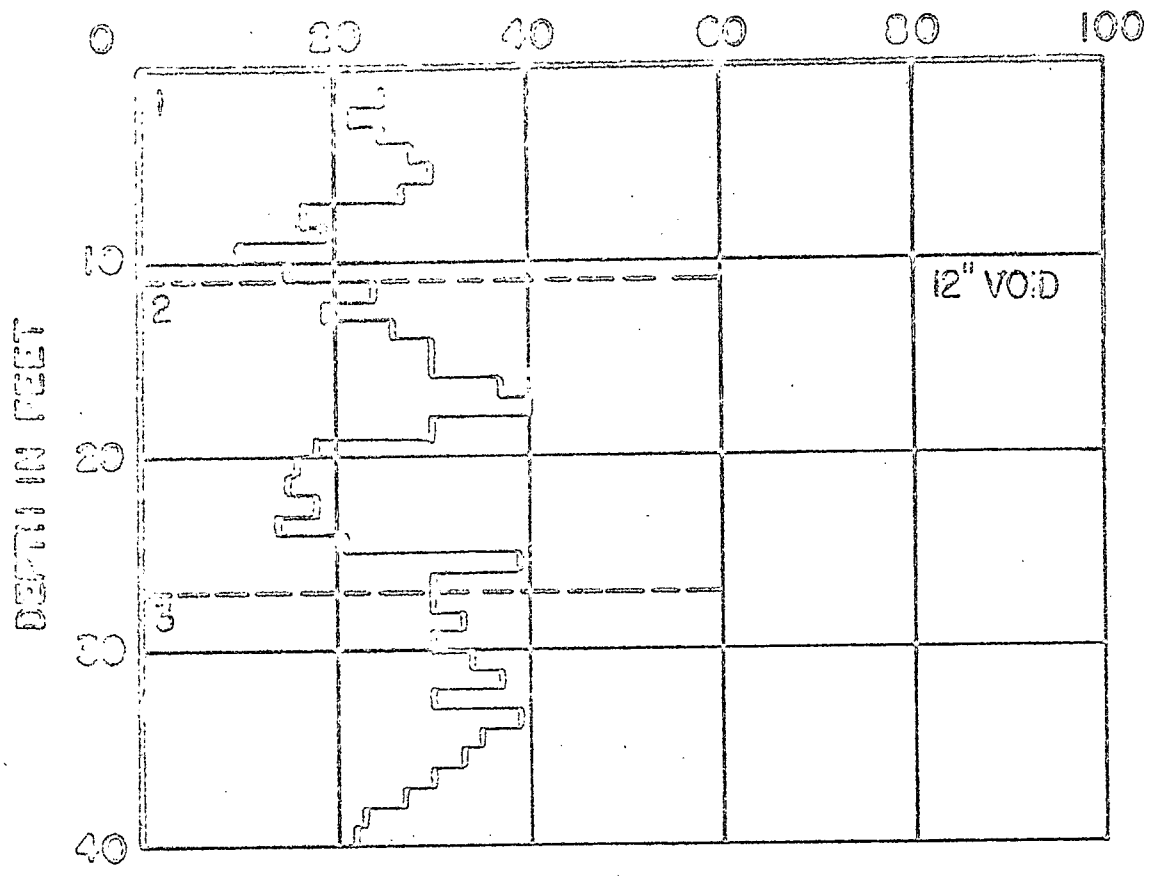
CV _____ DATE _____
CHECKED BY _____

FILE _____

REVISIONS
BY _____ DATE _____

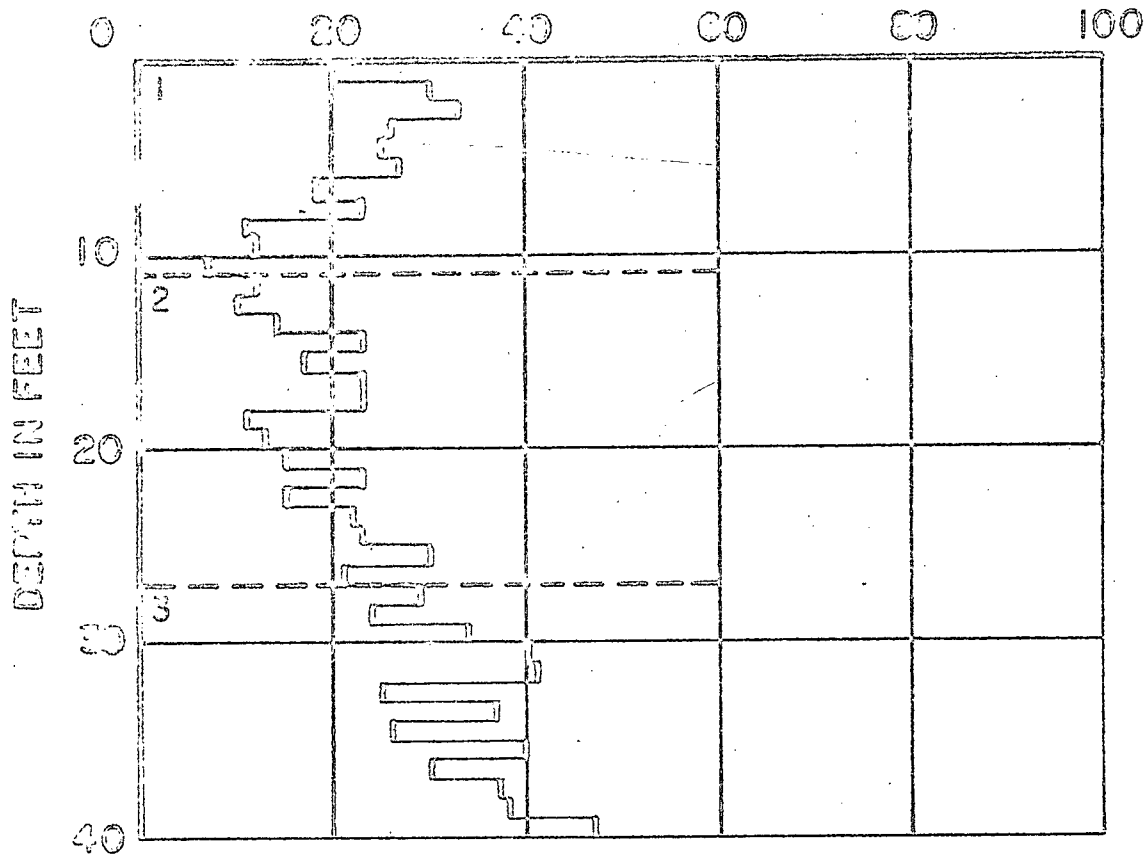
DORING 203

RATE OF PENETRATION
SECONDS PER FOOT



BORING 206

RATE OF PENETRATION
SECONDS PER FOOT



REVISIONS
BY _____ DATE _____

FILE _____

BY _____ DATE _____
CHECKED BY _____

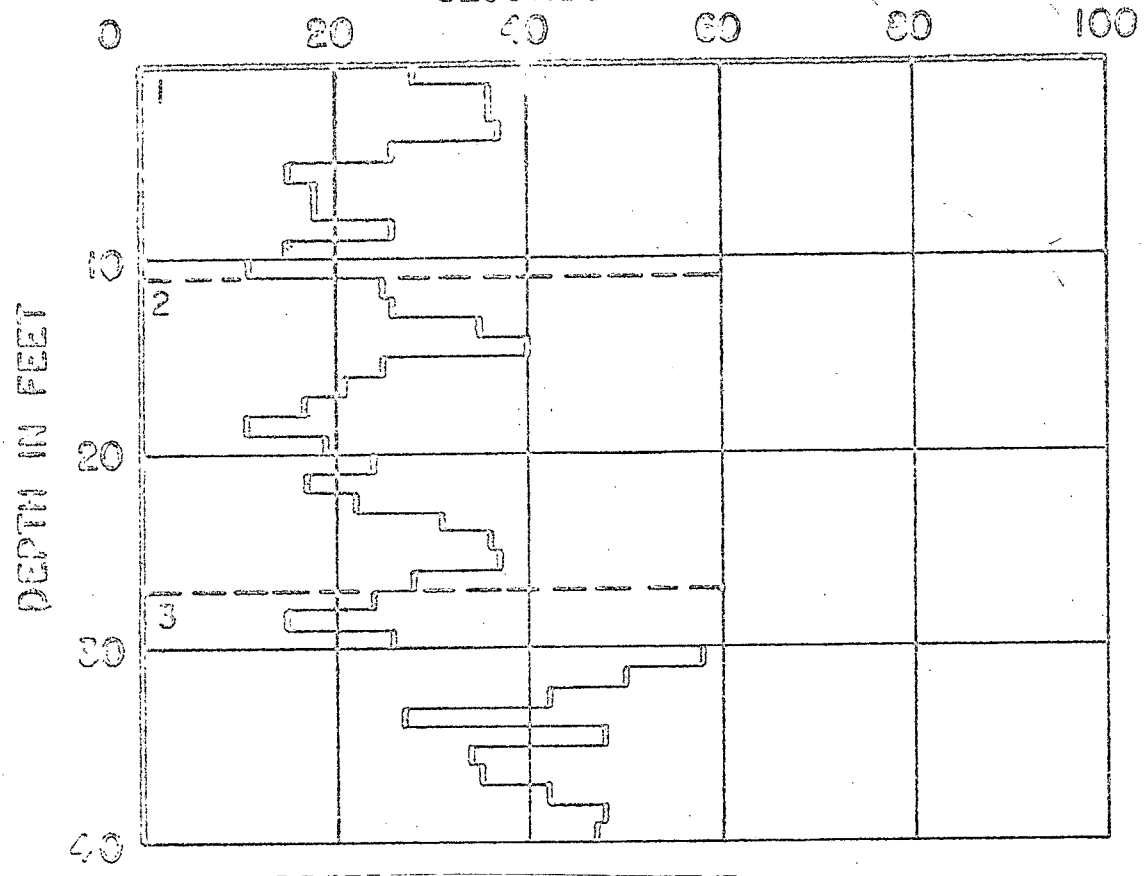
BY _____ DATE _____
CHECKED BY _____

FILE _____

REVISIONS
BY _____ DATE _____

DORING 207

RATE OF PENETRATION
SECONDS PER FOOT



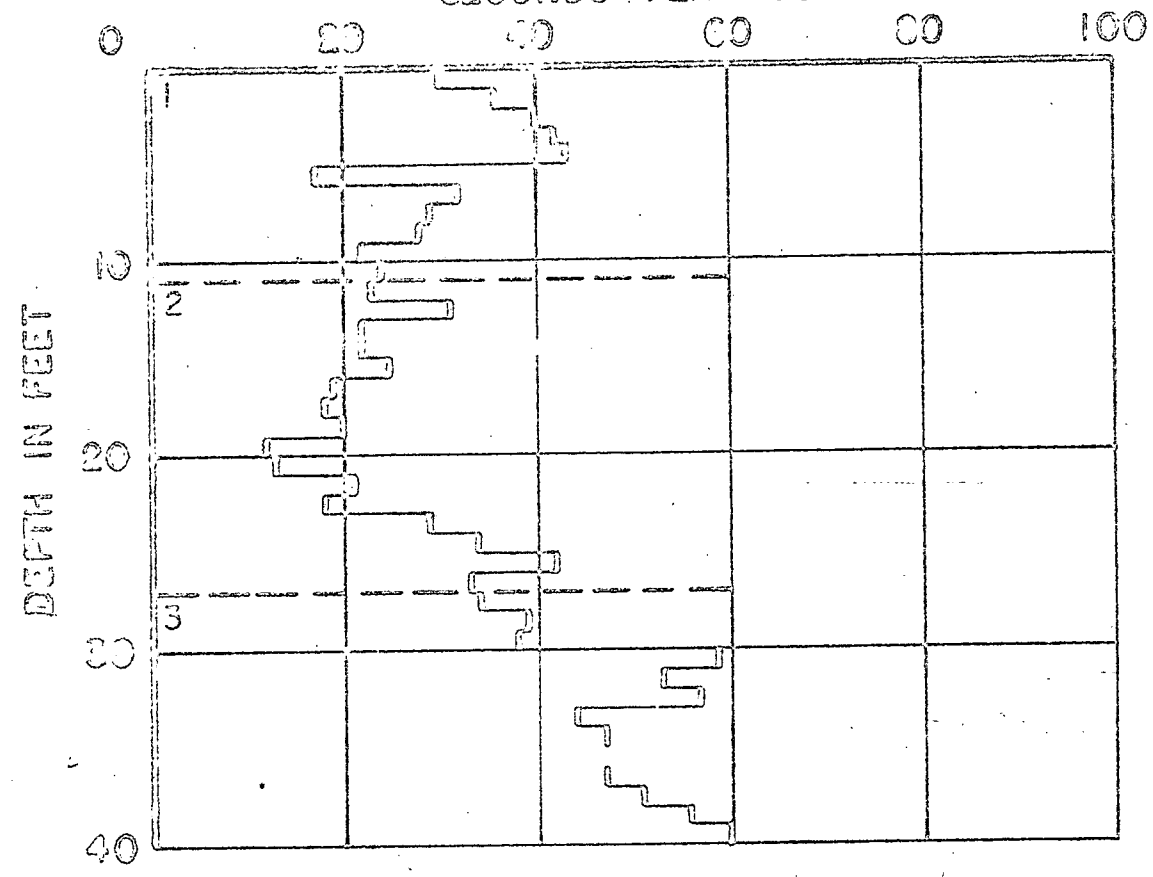
BY _____ DATE _____
CHECKED BY _____

FILE _____

REVISIONS
BY _____ DATE _____

BORING 208

RATE OF PENETRATION
SECONDS PER FOOT



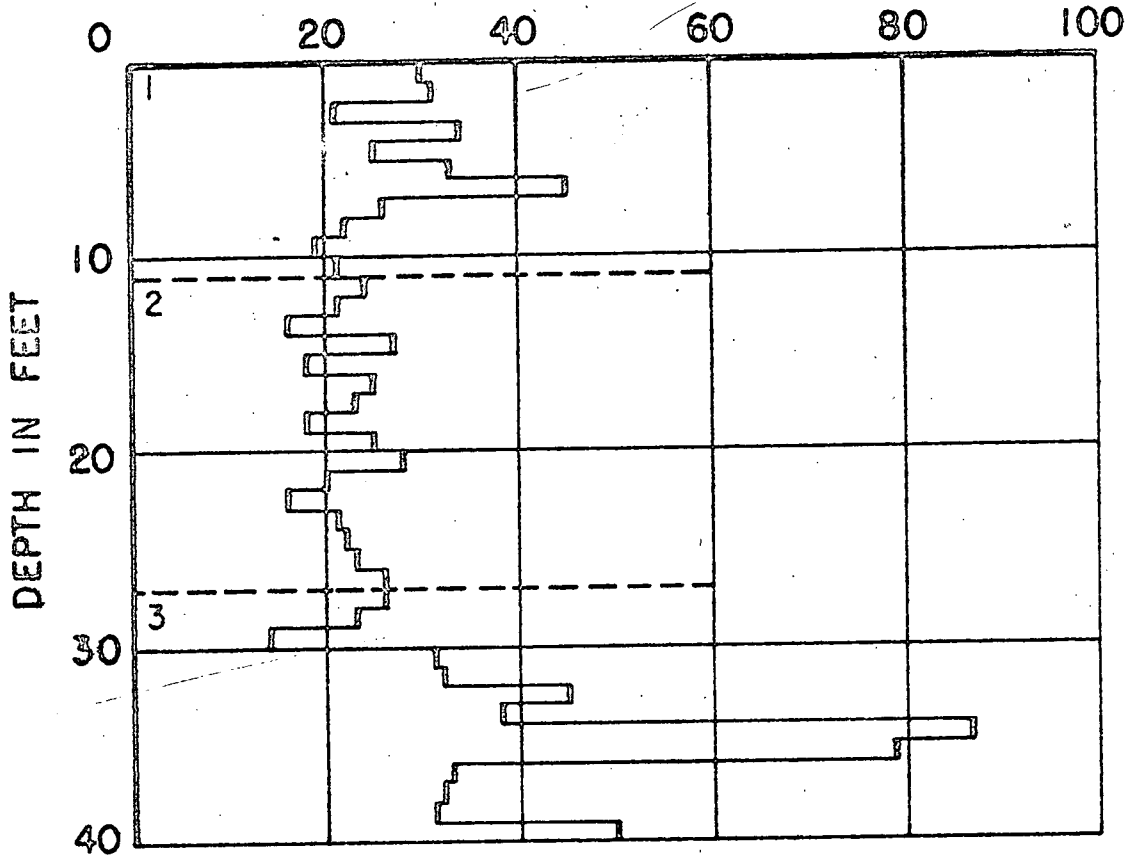
BY _____ DATE _____
CHECKED BY _____

FILE _____

REVISIONS
BY _____ DATE _____

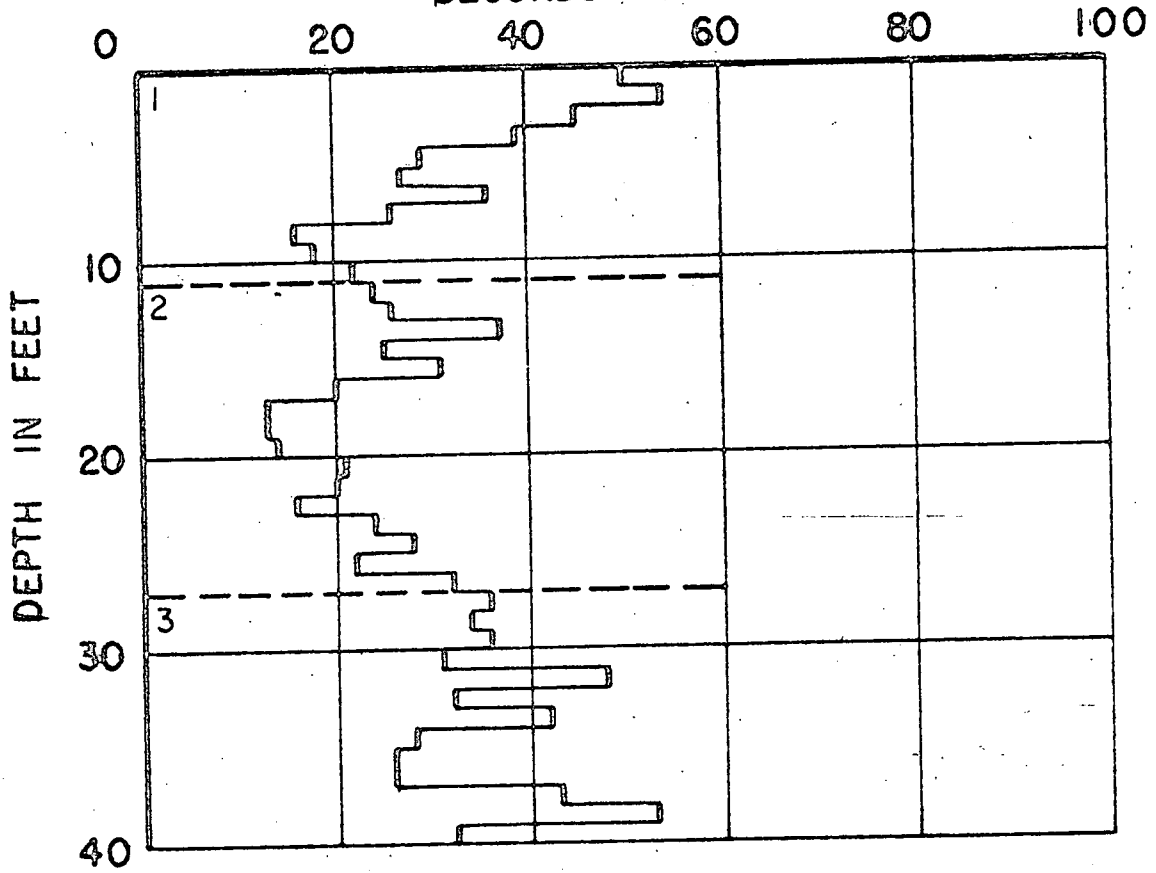
BORING 209

RATE OF PENETRATION
SECONDS PER FOOT



BORING 221

RATE OF PENETRATION
SECONDS PER FOOT



REVISIONS

BY _____ DATE _____

FILE _____

BY _____ DATE _____

CHECKED BY _____

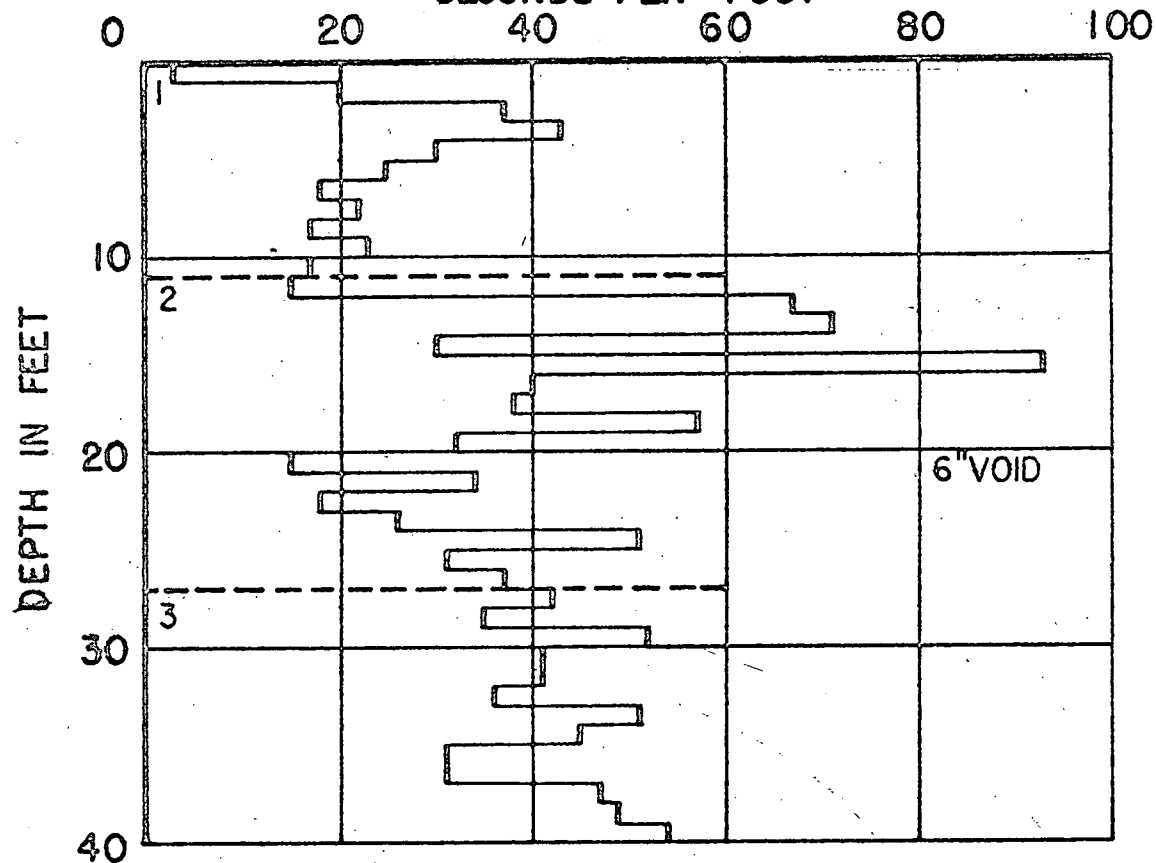
BY _____ DATE _____
CHECKED BY _____

FILE _____

REVISIONS

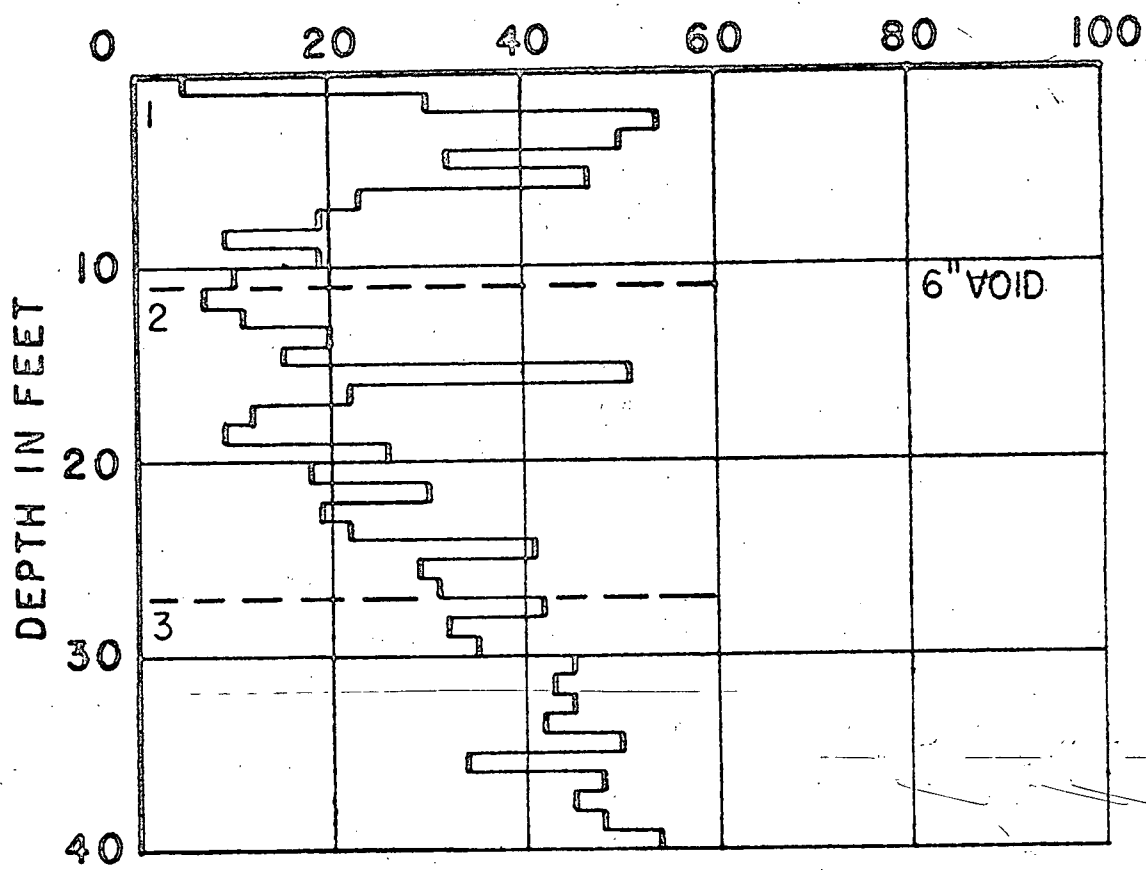
BY _____ DATE _____

BORING 222

RATE OF PENETRATION
SECONDS PER FOOT

BY _____ DATE _____
CHECKED BY _____ FILE _____
REVISIONS BY _____ DATE _____

BORING 223
RATE OF PENETRATION
SECONDS PER FOOT

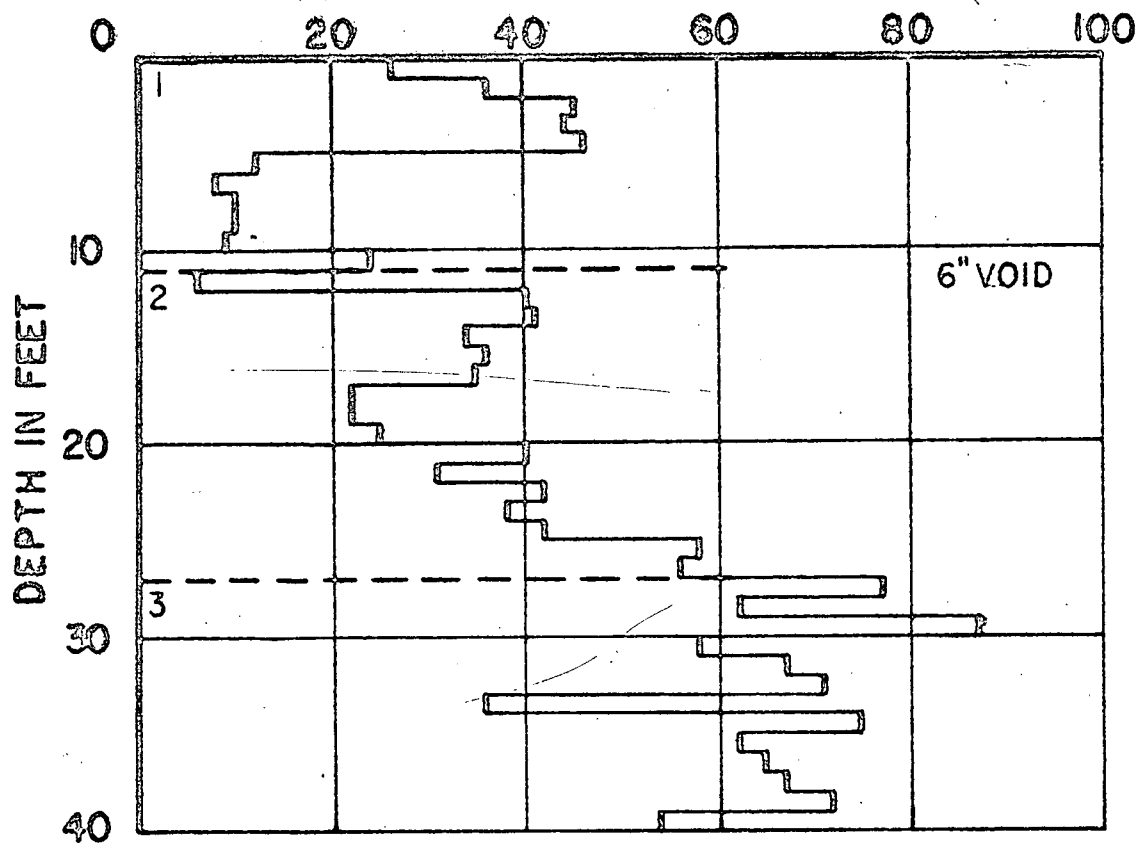


BY _____ DATE _____
 CHECKED BY _____

REVISIONS
 BY _____ DATE _____
 FILE _____

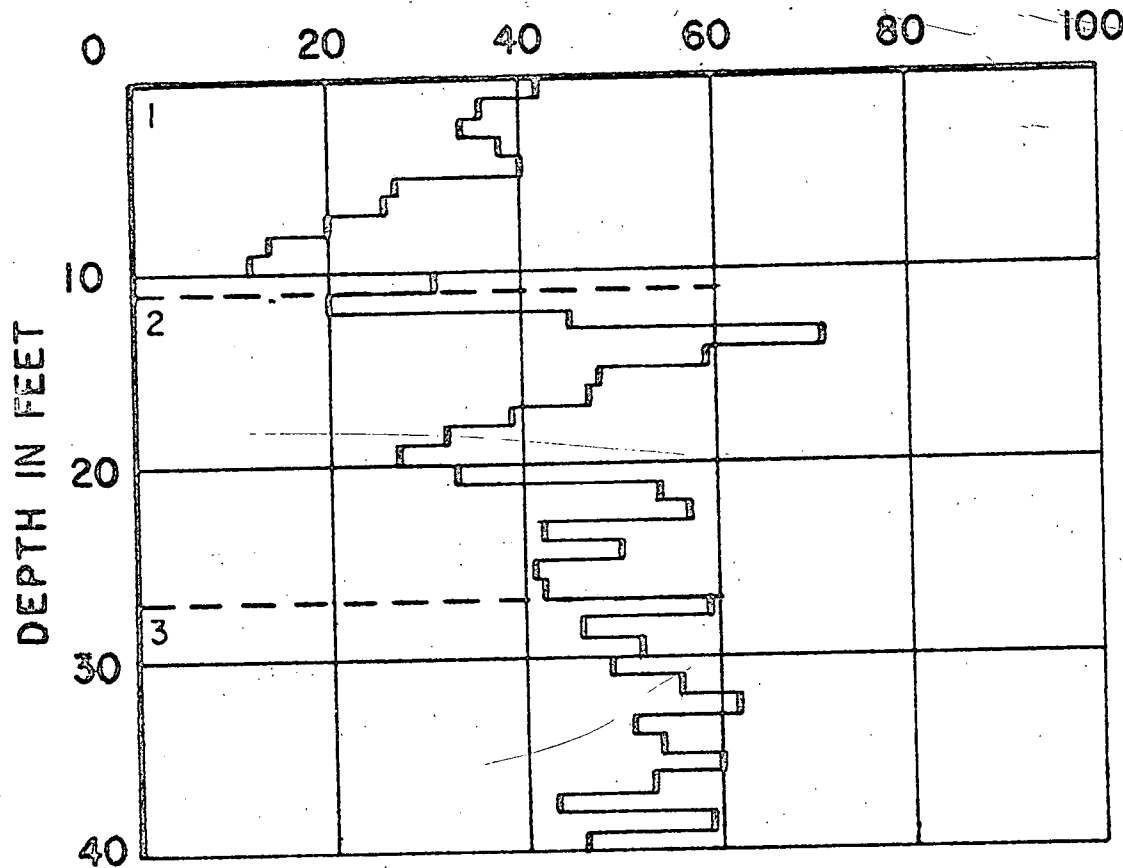
BORING 238

RATE OF PENETRATION
 SECONDS PER FOOT



BORING 241

RATE OF PENETRATION
SECONDS PER FOOT

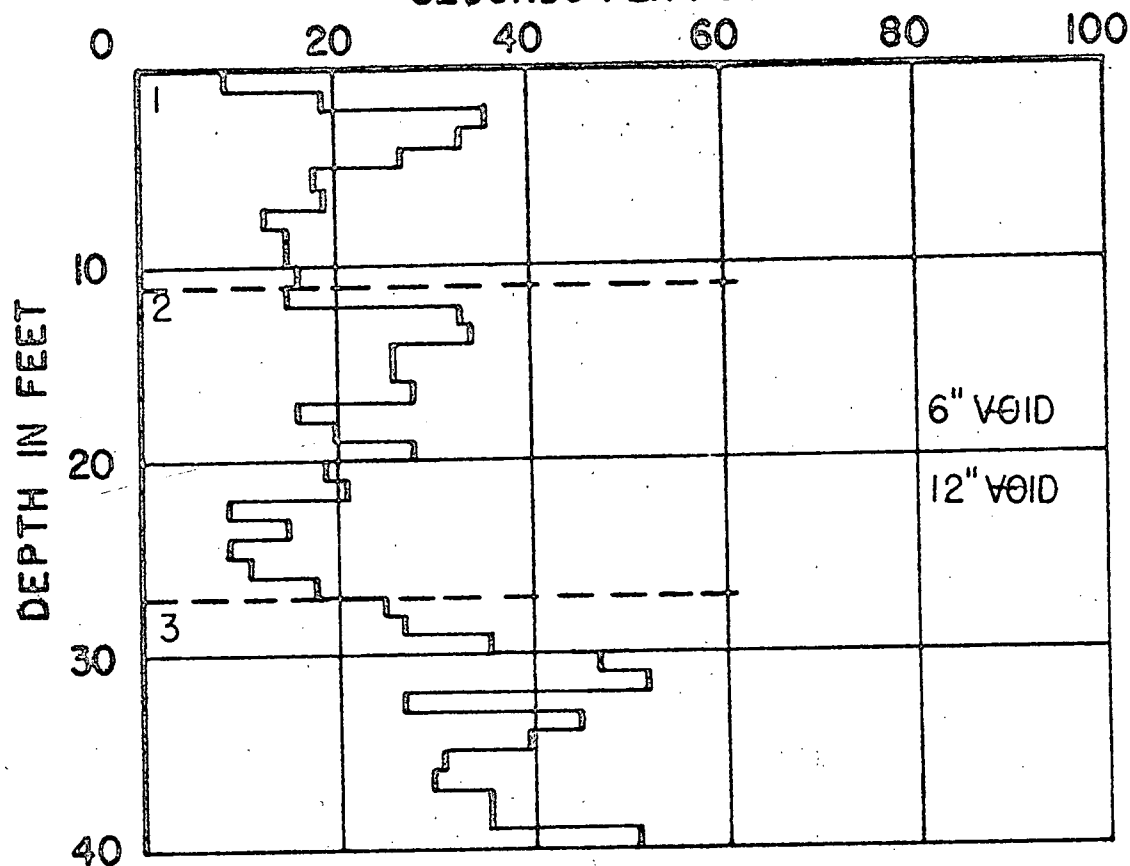


REVISIONS
 BY _____ DATE _____

FILE _____

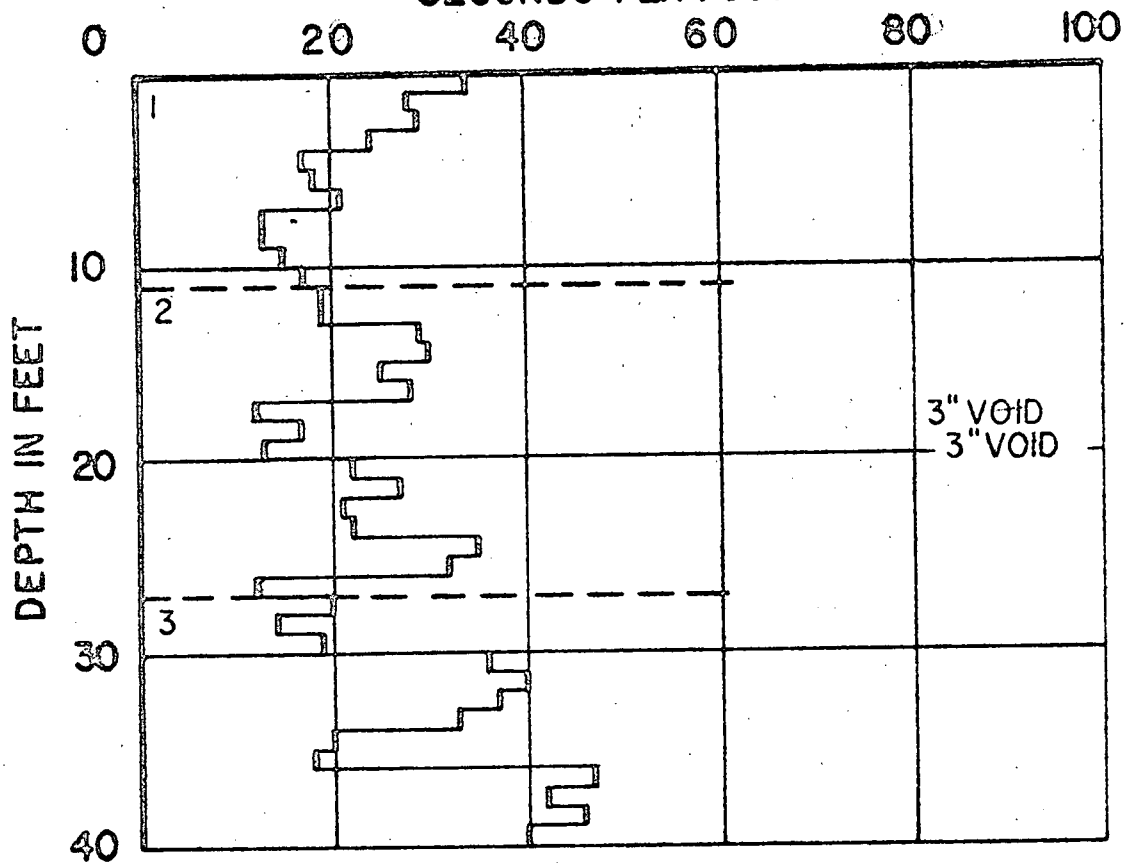
 BY _____ DATE _____
 CHECKED BY _____

BORING 242

 RATE OF PENETRATION
 SECONDS PER FOOT


BORING 243

RATE OF PENETRATION
SECONDS PER FOOT



DAMES & MO.

PLATE

REVISIONS
BY DATE

FILE

BY DATE
CHECKED BY

BY _____ DATE _____

CHECKED BY _____

FILE _____

REVISIONS

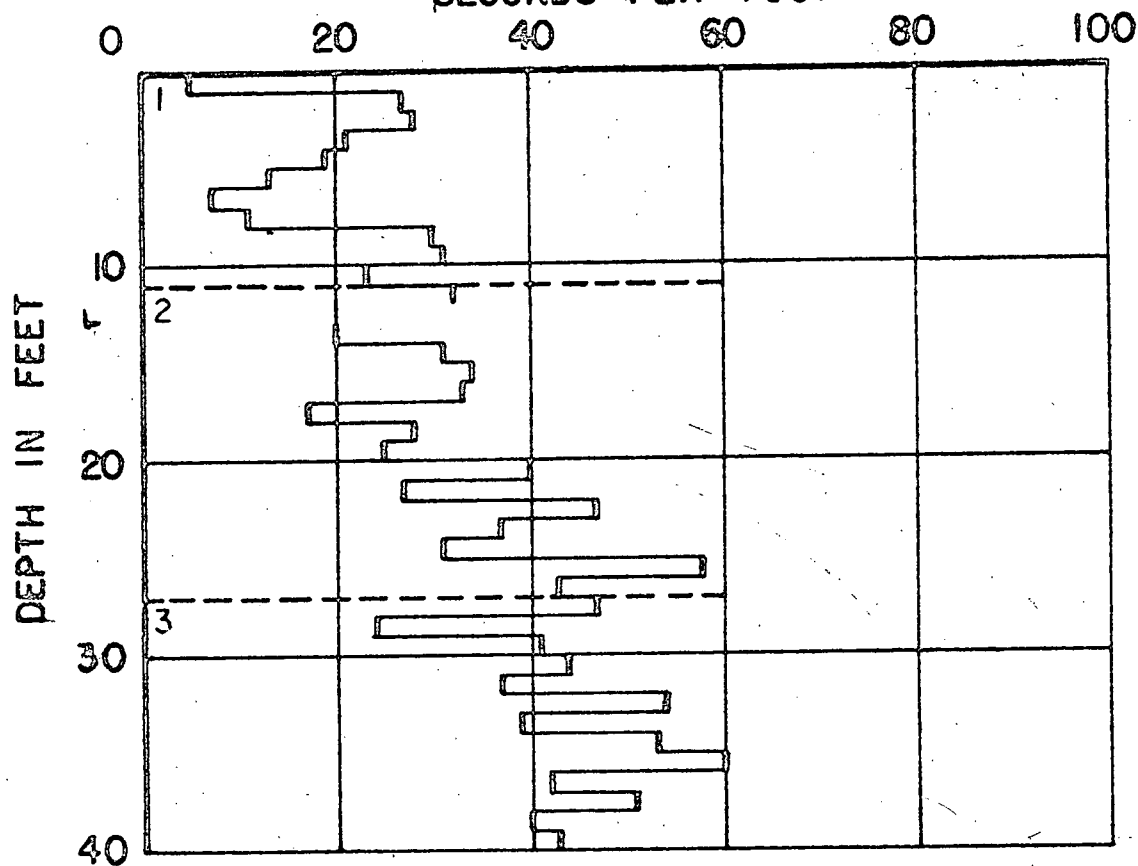
BY _____ DATE _____

#247

BORING 249

RATE OF PENETRATION

SECONDS PER FOOT



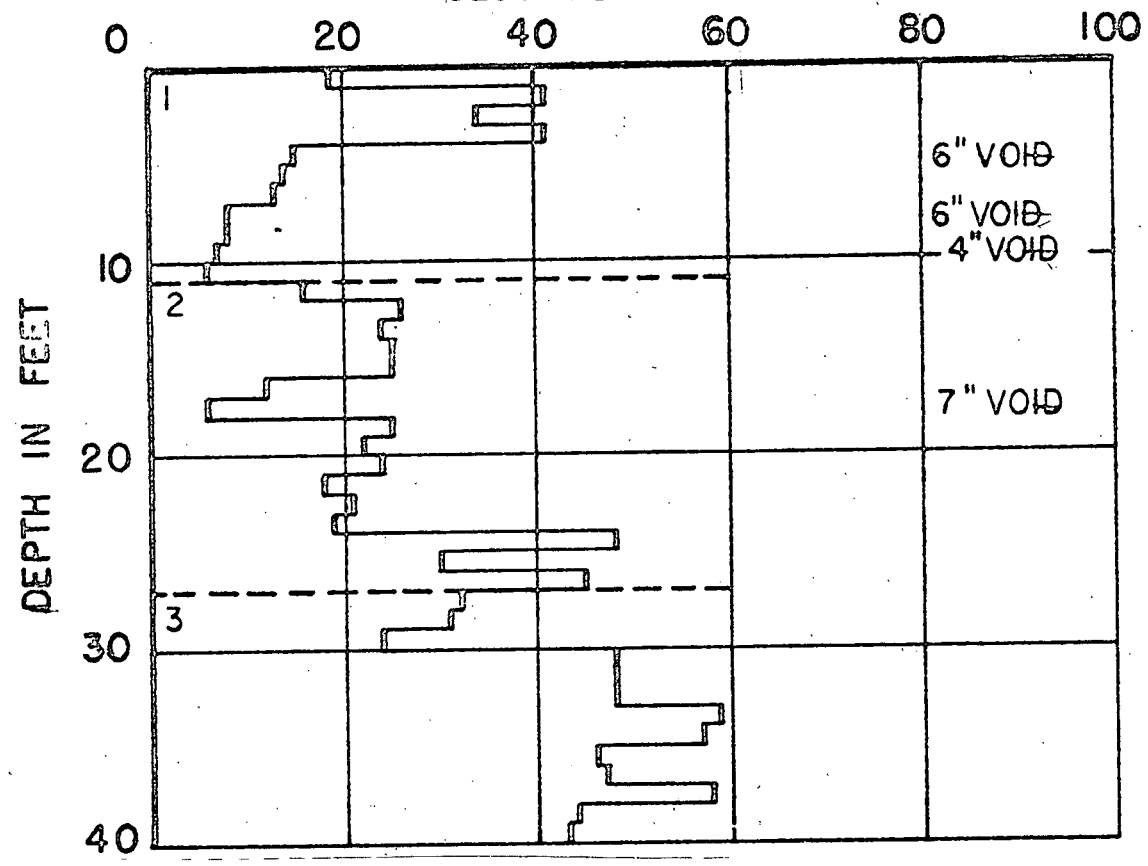
BY _____ DATE _____
CHECKED BY _____

FILE _____

REVISIONS
BY _____ DATE _____

BORING 250

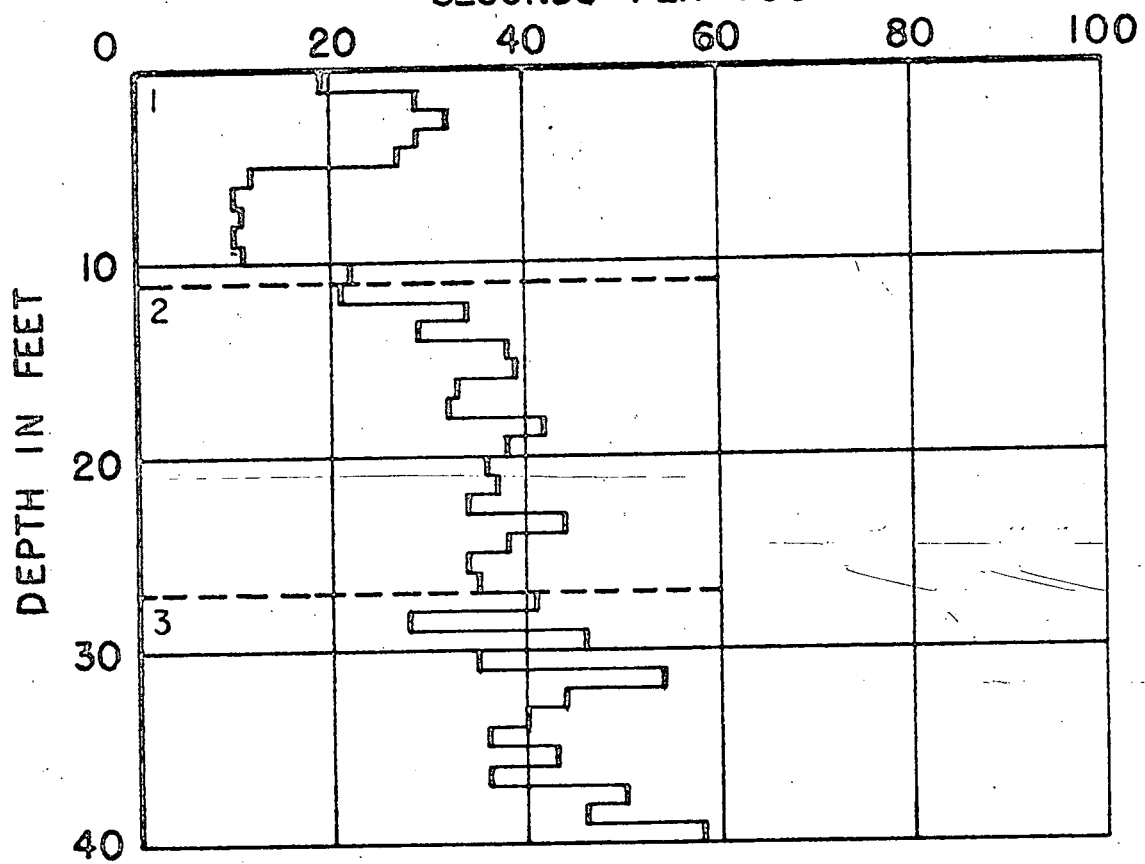
RATE OF PENETRATION
SECONDS PER FOOT



251

BORING 251

RATE OF PENETRATION
SECONDS PER FOOT



REVISIONS
BY _____ DATE _____

FILE _____

BY _____ DATE _____
CHECKED BY _____

BY _____ DATE _____

CHECKED BY _____

FILE _____

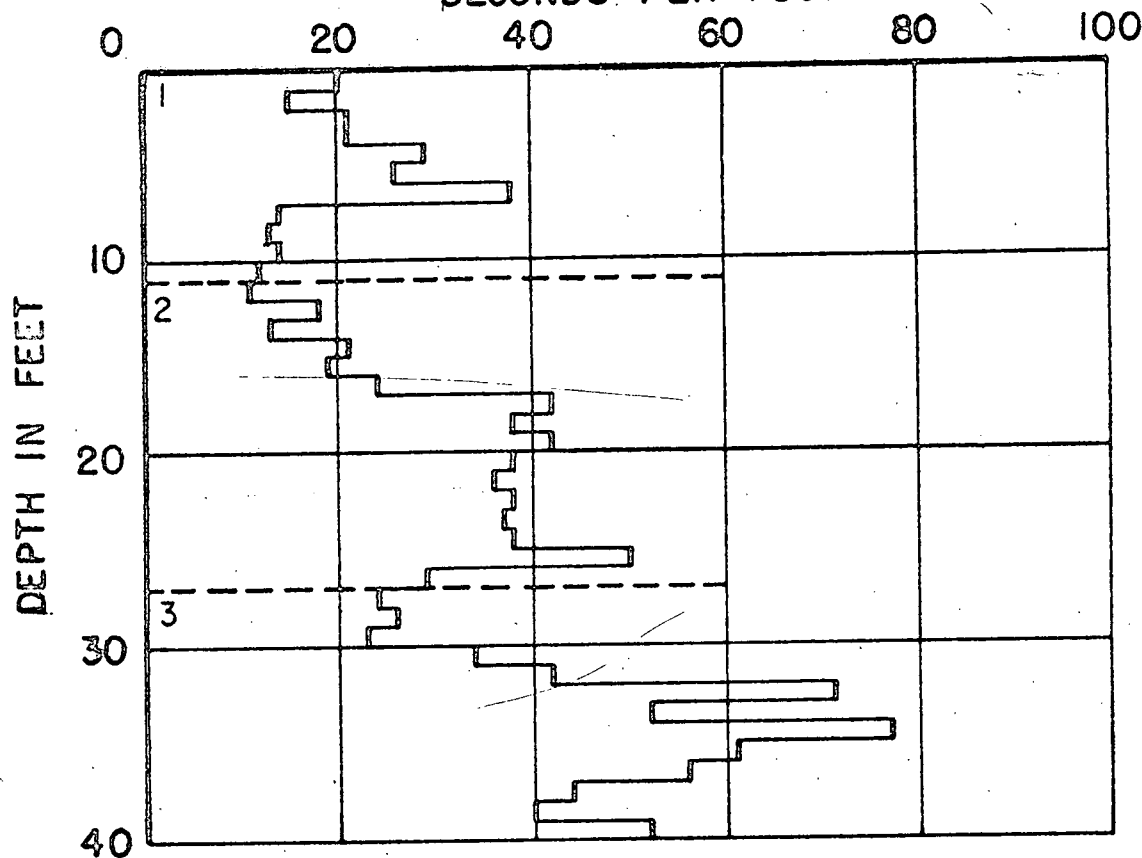
REVISIONS

BY _____ DATE _____

BORING 252

RATE OF PENETRATION

SECONDS PER FOOT



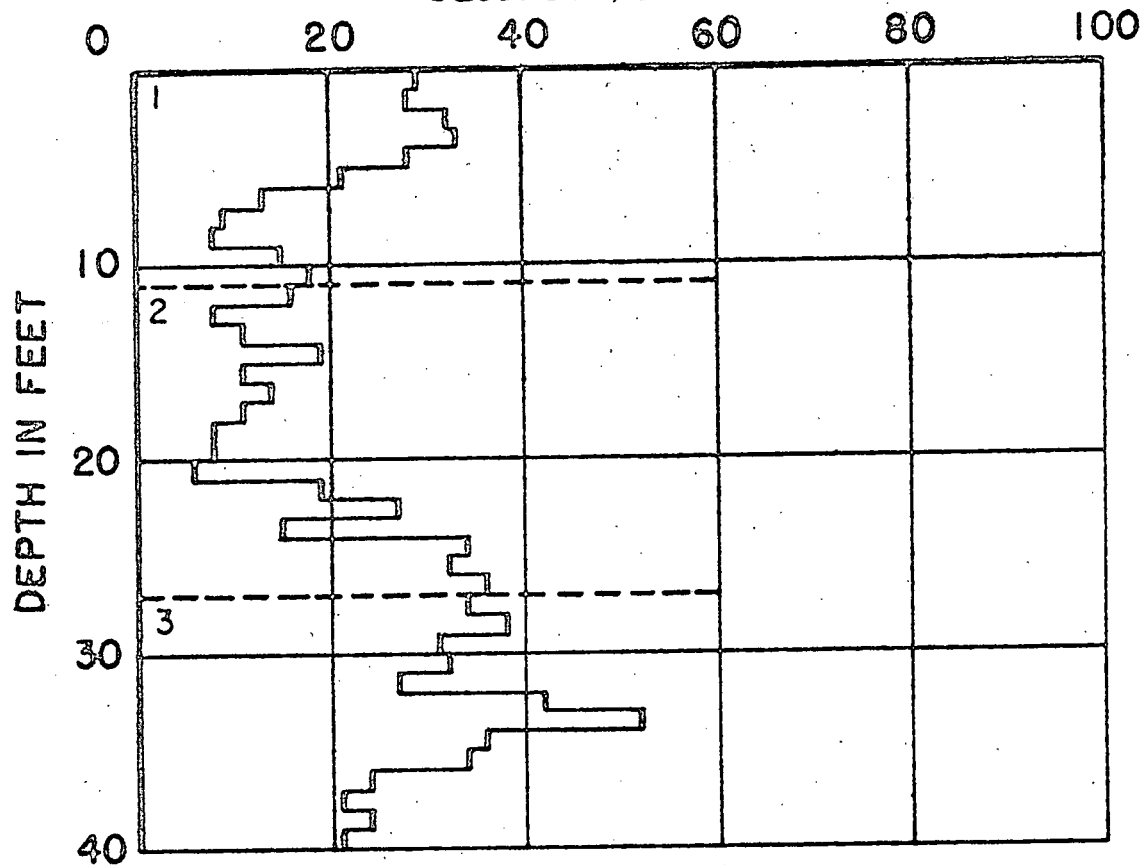
BY _____ DATE _____
CHECKED BY _____

FILE _____

REVISIONS

BY _____ DATE _____

BORING 253

RATE OF PENETRATION
SECONDS PER FOOT

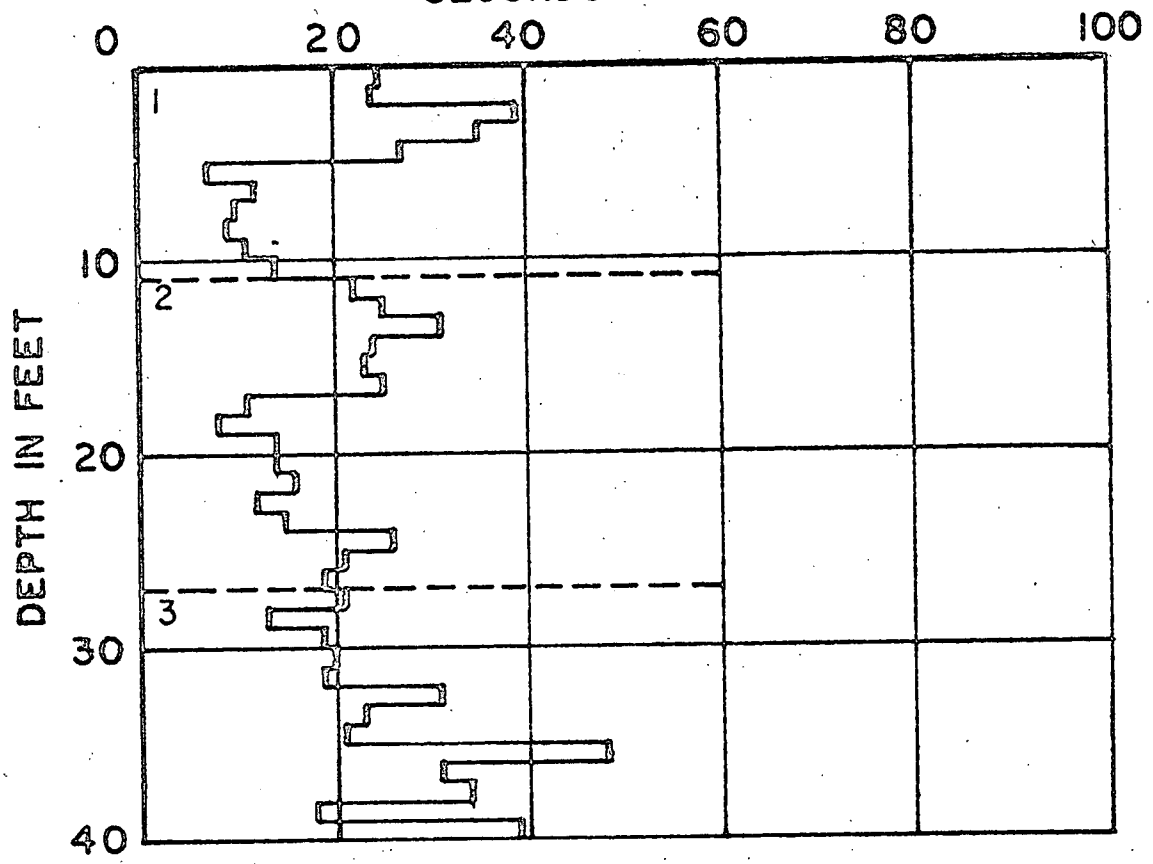
BY _____ DATE _____
CHECKED BY _____

FILE _____

REVISIONS
BY _____ DATE _____

BORING 254

RATE OF PENETRATION
SECONDS PER FOOT



BY _____ DATE _____

CHECKED BY _____

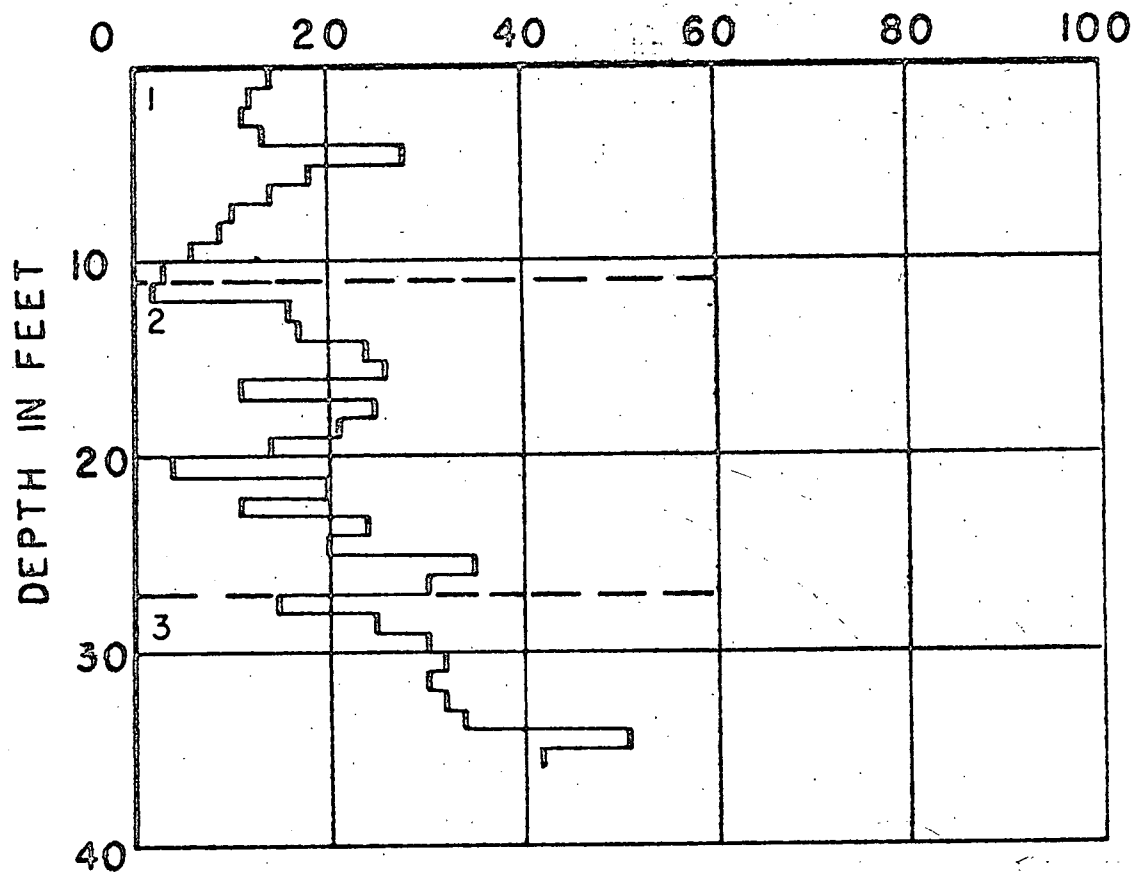
FILE _____

REVISIONS

BY _____

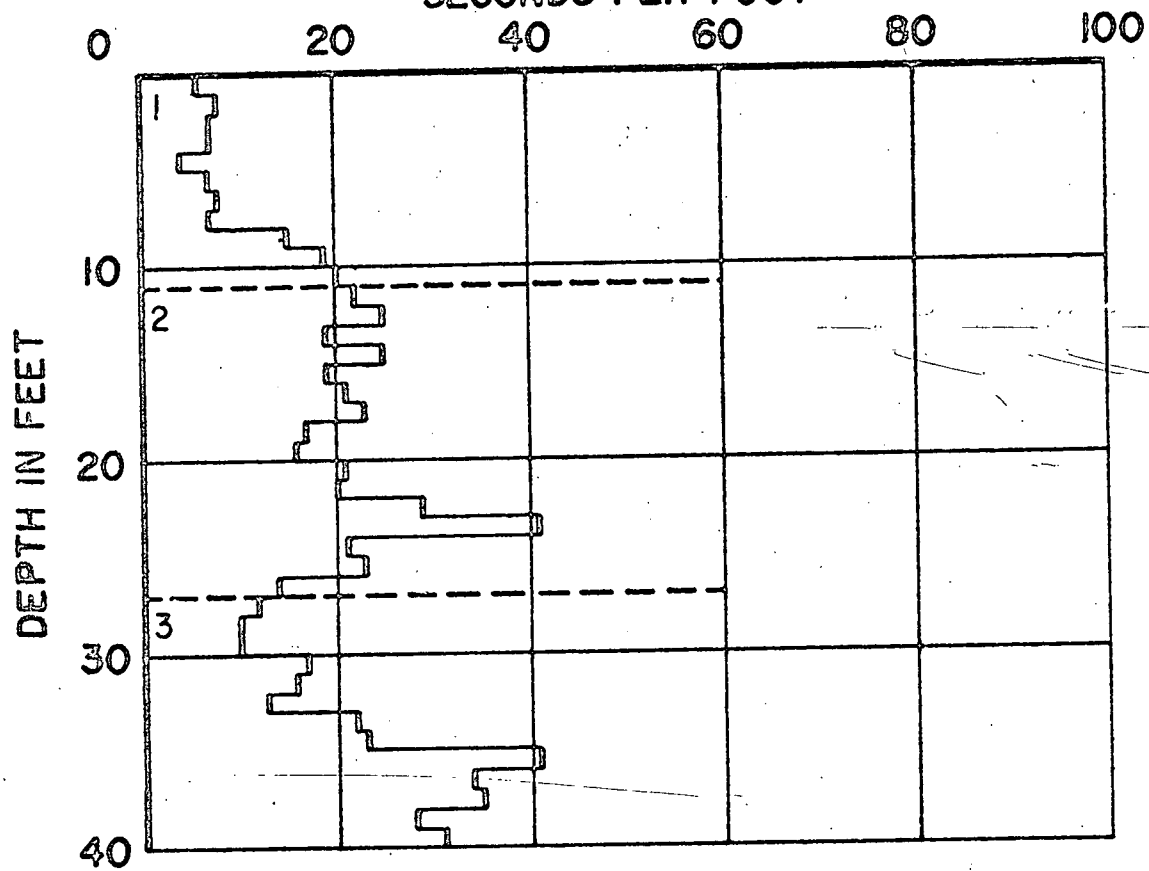
DATE _____

BORING 255

RATE OF PENETRATION
SECONDS PER FOOT

BORING 256

RATE OF PENETRATION
SECONDS PER FOOT



REVISIONS
BY _____ DATE _____

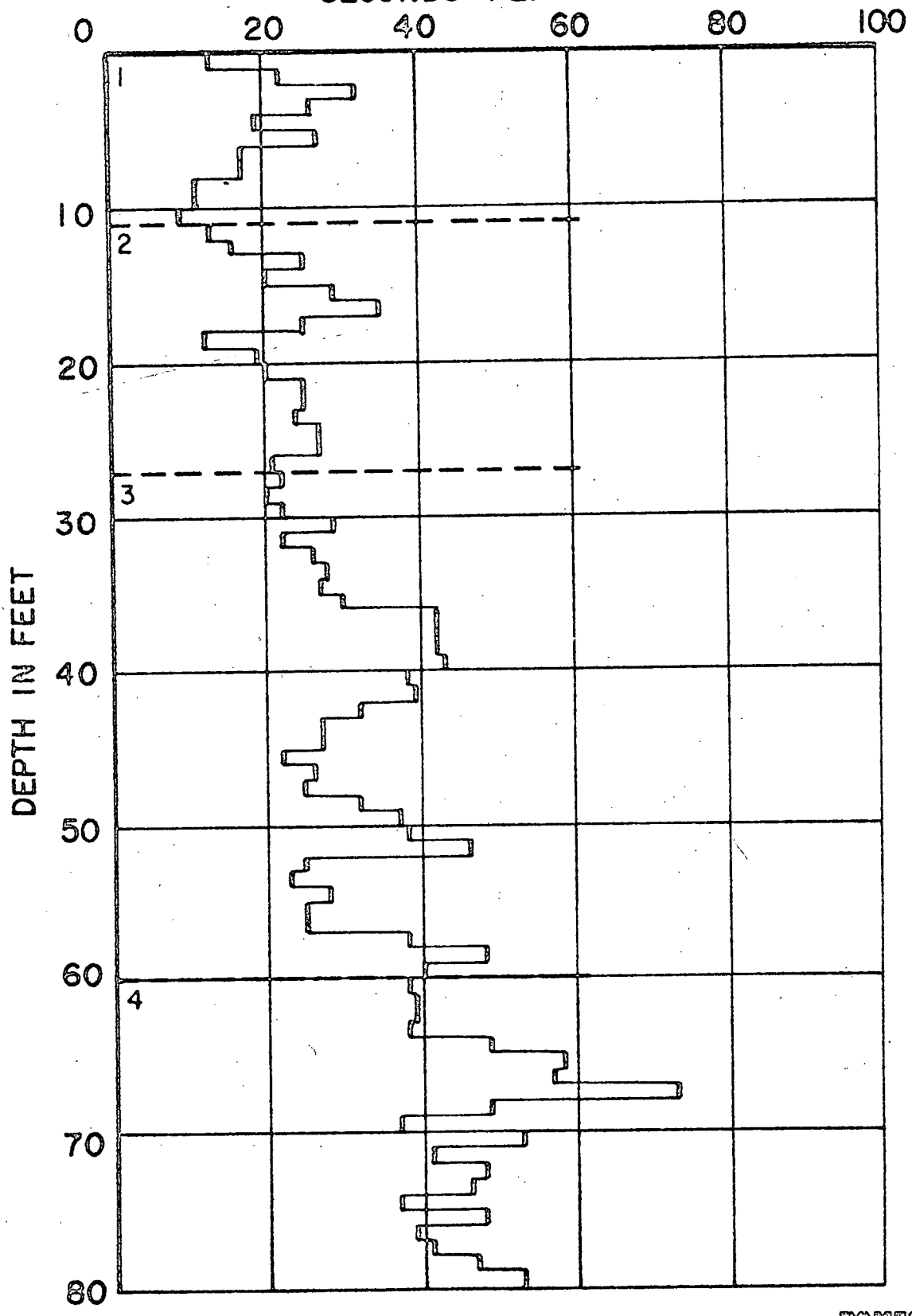
FILE _____

BY _____ DATE _____
CHECKED BY _____

REVISIONS BY DATE
FILE
CHECKED BY DATE

BORING 263

RATE OF PENETRATION
SECONDS PER FOOT



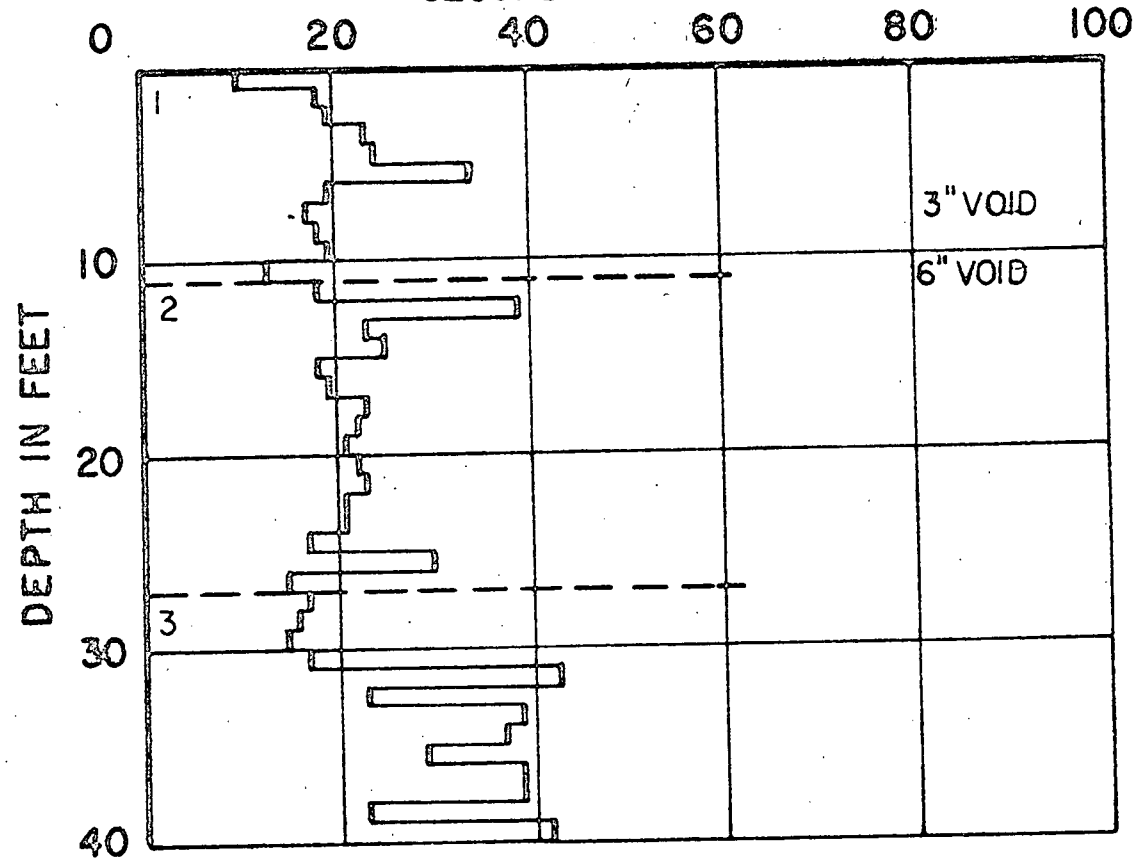
DAMES & MO

PLATE

264

BORING 264

RATE OF PENETRATION
SECONDS PER FOOT



REVISIONS
BY _____ DATE _____

FILE _____

BY _____ DATE _____
CHECKED BY _____

211

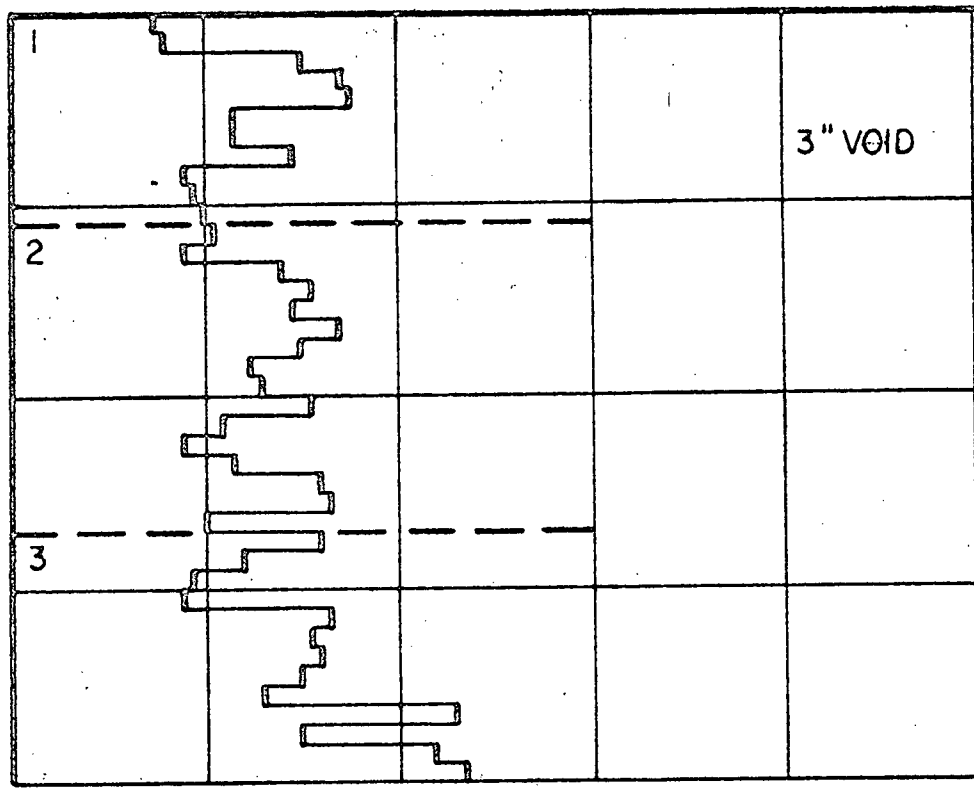
BORING 271

RATE OF PENETRATION
SECONDS PER FOOT

0 20 40 60 80 100

DEPTH IN FEET

10
20
30
40



3" VOID

REVISIONS
BY _____ DATE _____

FILE _____

BY _____ DATE _____
CHECKED BY _____

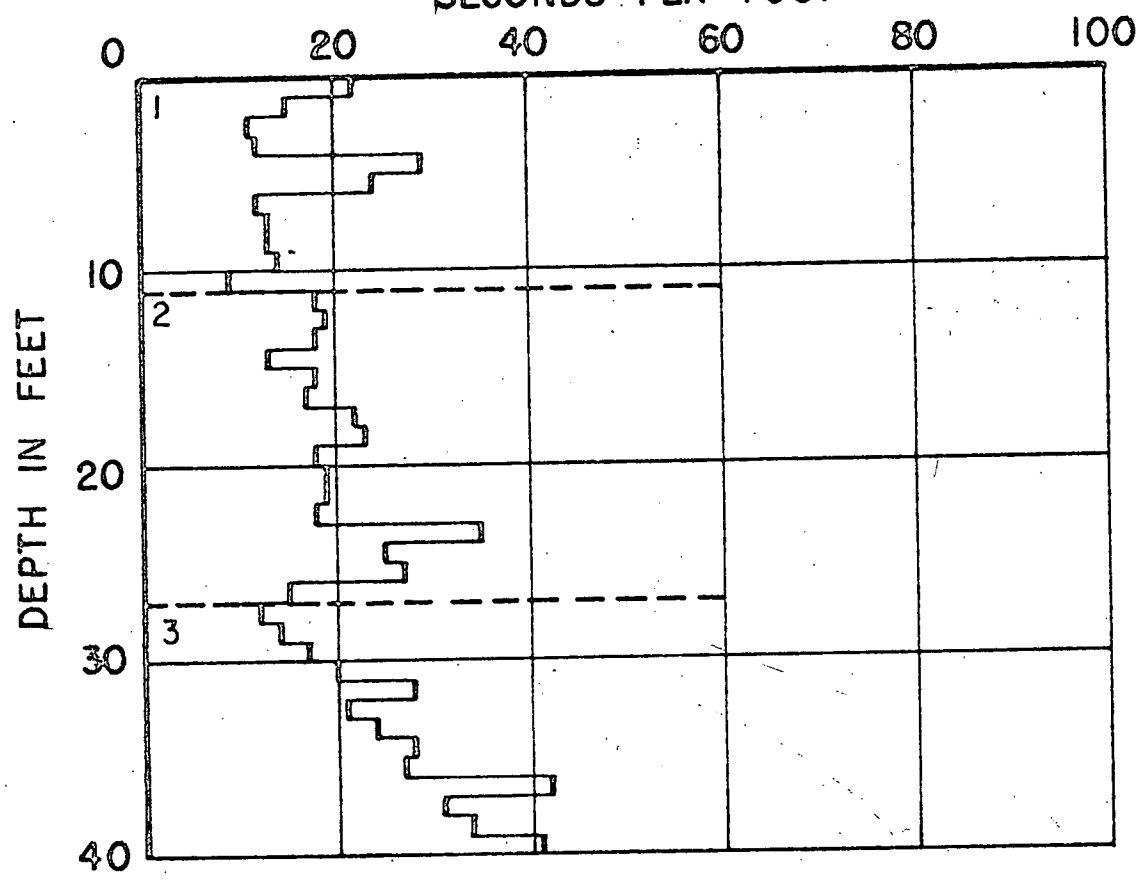
BY _____ DATE _____
CHECKED BY _____

FILE _____

REVISIONS
BY _____ DATE _____

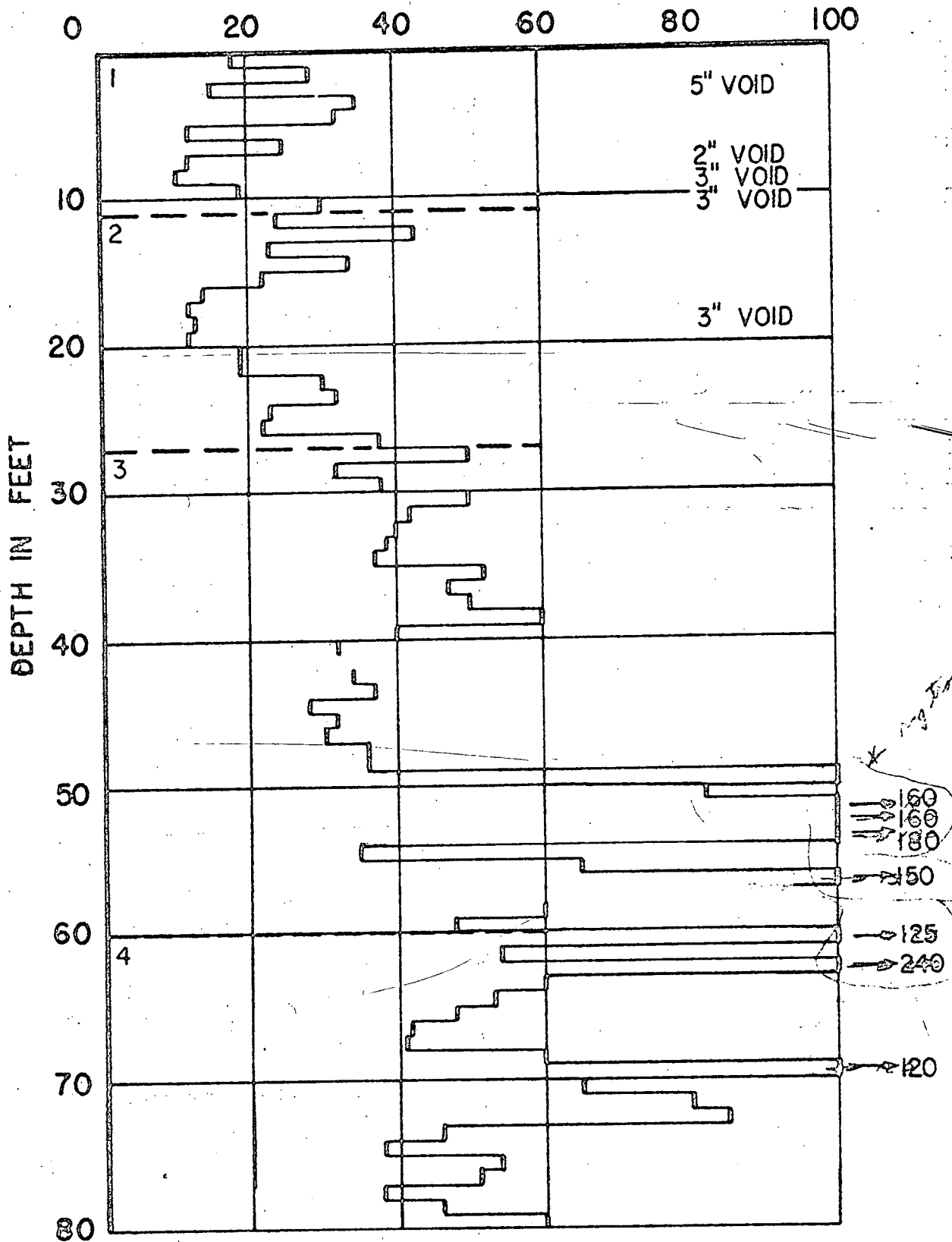
BORING 257

RATE OF PENETRATION
SECONDS PER FOOT



BORING 259

RATE OF PENETRATION
SECONDS PER FOOT



DAMES & MOH
APPLIED EARTH SCIENCES

PLATE

REVISIONS
BY DATE

FILE

BY DATE
CHECKED BY

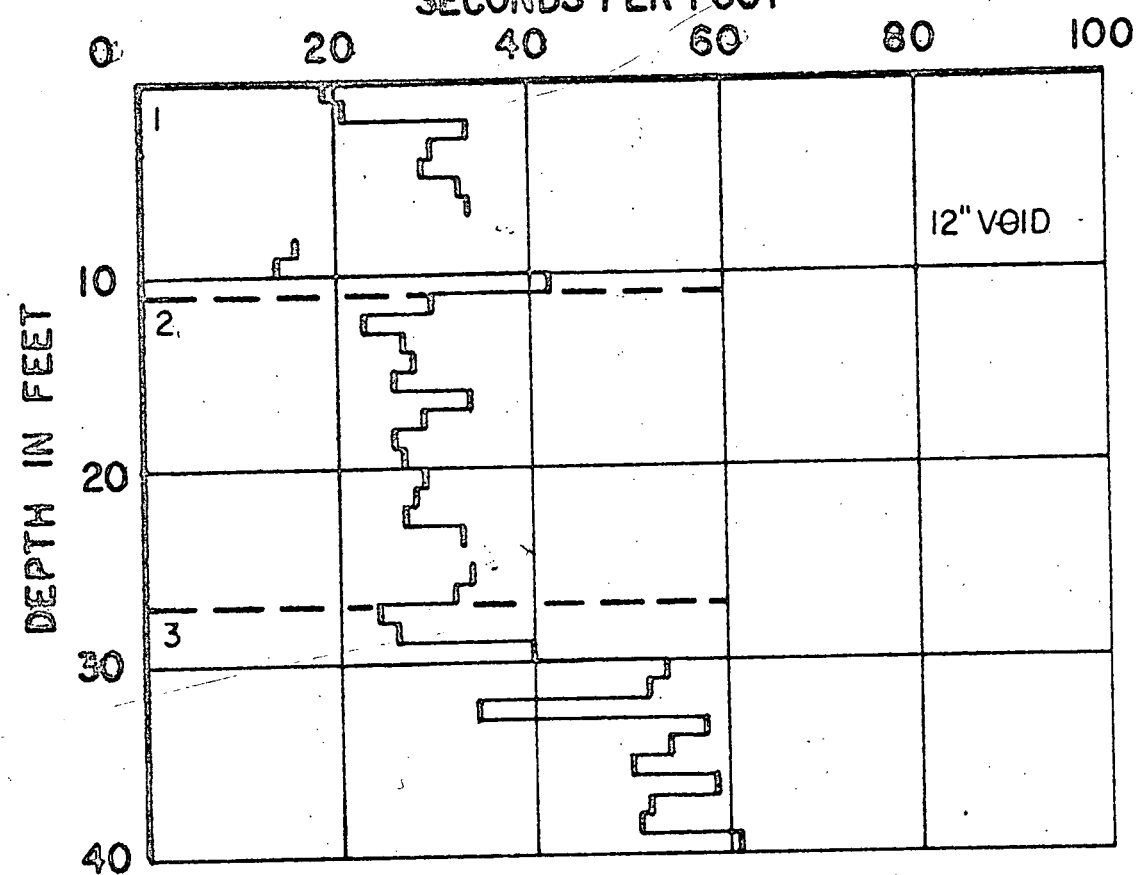
BY _____ DATE _____
CHECKED BY _____

FILE _____

REVISIONS
BY _____ DATE _____

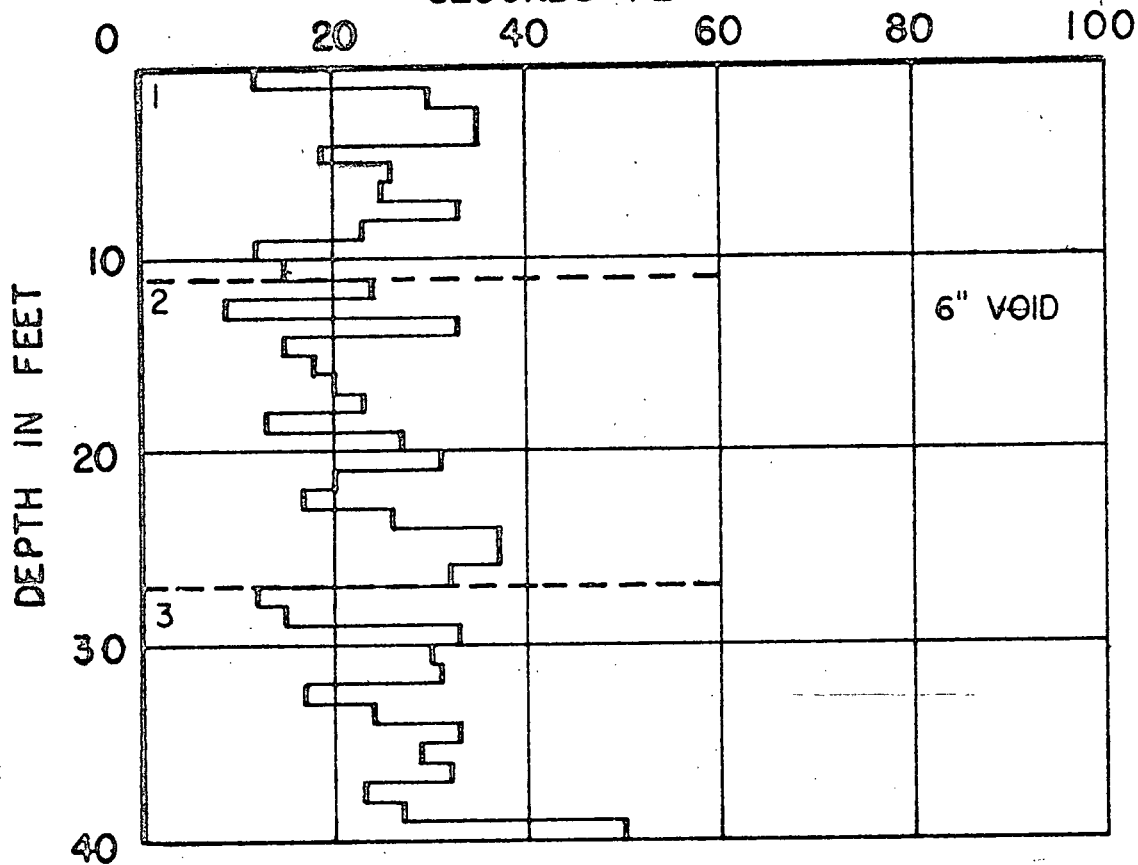
BORING 278

RATE OF PENETRATION
SECONDS PER FOOT



BORING 281

RATE OF PENETRATION
SECONDS PER FOOT



REVISIONS
BY
DATE

FILE

BY
CHECKED BY
DATE