



1
00:00:23,670 --> 00:00:22,870
the mighty mitten muster

2
00:00:45,350 --> 00:00:23,680
a

3
00:00:46,389 --> 00:00:45,360
of skeptics brought down from new south

4
00:00:48,229 --> 00:00:46,399
wales

5
00:00:49,990 --> 00:00:48,239
after a long day on the road it was nice

6
00:00:52,310 --> 00:00:50,000
to sit back with our hosts

7
00:00:54,150 --> 00:00:52,320
laurie and eden smith

8
00:00:56,470 --> 00:00:54,160
we were joined by other skeptics as we

9
00:01:02,869 --> 00:00:56,480
sat around the dinner table and chatted

10
00:01:08,149 --> 00:01:05,429
you did what i dreamed you dreamed i was

11
00:01:10,469 --> 00:01:08,159
walking around with angry tarkovsky for

12
00:01:13,510 --> 00:01:10,479
our listeners who is that a film

13
00:01:15,429 --> 00:01:13,520

director thank you he did 25 years he's

14

00:01:17,190 --> 00:01:15,439

my hero

15

00:01:19,350 --> 00:01:17,200

walking around with him in paradise it's

16

00:01:20,950 --> 00:01:19,360

none other than skeptical steve roberts

17

00:01:23,830 --> 00:01:20,960

hello steve i'm the principal fan of

18

00:01:26,230 --> 00:01:23,840

andre todd koski hello business yes yes

19

00:01:28,870 --> 00:01:26,240

steve um i i've caught up with you last

20

00:01:30,710 --> 00:01:28,880

year and uh after your huge adventure

21

00:01:33,429 --> 00:01:30,720

right across russia

22

00:01:35,749 --> 00:01:33,439

released now thank you so much

23

00:01:37,670 --> 00:01:35,759

and i'm here in wonderful wonderful

24

00:01:39,350 --> 00:01:37,680

beautiful mid-america at the the home of

25

00:01:40,550 --> 00:01:39,360

lori and eden smith we're enjoying a

26

00:01:42,230 --> 00:01:40,560

lovely dinner

27

00:01:44,069 --> 00:01:42,240

this weekend steve the mighty

28

00:01:46,149 --> 00:01:44,079

middlemaster the mighty middlemaster

29

00:01:47,590 --> 00:01:46,159

water divining test indeed yes it is the

30

00:01:50,310 --> 00:01:47,600

third time we've done it we did it a

31

00:01:51,990 --> 00:01:50,320

couple of times in the 2000s

32

00:01:54,630 --> 00:01:52,000

and uh it was a great great hoot to do

33

00:01:56,069 --> 00:01:54,640

it we get samples of water and sand in

34

00:01:58,310 --> 00:01:56,079

plastic bottles that are covered so you

35

00:01:59,910 --> 00:01:58,320

can't see what's in them now the dowsers

36

00:02:02,469 --> 00:01:59,920

or diviners if you call them turn up

37

00:02:03,510 --> 00:02:02,479

with their bent wires or fork sticks and

38

00:02:05,270 --> 00:02:03,520

try and

39

00:02:07,749 --> 00:02:05,280

determine whether it's water or sand in

40

00:02:10,710 --> 00:02:07,759

each sample now you were present at the

41

00:02:12,710 --> 00:02:10,720

2001 test yes i was yeah and i was

42

00:02:14,390 --> 00:02:12,720

president of the 2002 tesla i don't see

43

00:02:16,790 --> 00:02:14,400

you around yeah you see me around but

44

00:02:18,790 --> 00:02:16,800

yeah we were at different tests we were

45

00:02:20,630 --> 00:02:18,800

indeed but um i've studied the video

46

00:02:22,550 --> 00:02:20,640

intently and i've done the protocol for

47

00:02:24,710 --> 00:02:22,560

this test and um what you have to

48

00:02:27,350 --> 00:02:24,720

realize is that everything that can go

49

00:02:28,949 --> 00:02:27,360

wrong will go wrong including a dog

50

00:02:30,949 --> 00:02:28,959

including a dog that pisses on one of

51
00:02:32,869 --> 00:02:30,959
the samples and so you can see through

52
00:02:34,790 --> 00:02:32,879
the bag and the child that treads in a

53
00:02:37,270 --> 00:02:34,800
sample and breaks it in water or

54
00:02:40,630 --> 00:02:39,110
it was more or less in the open and the

55
00:02:42,550 --> 00:02:40,640
year i did it the following year we had

56
00:02:44,229 --> 00:02:42,560
the tennis court so we could keep people

57
00:02:45,910 --> 00:02:44,239
off we did it in the open and it was the

58
00:02:47,589 --> 00:02:45,920
crowd were just impossible to manage

59
00:02:49,830 --> 00:02:47,599
they crowd around the dividers and the

60
00:02:51,830 --> 00:02:49,840
poor blokes couldn't get peace and quiet

61
00:02:53,350 --> 00:02:51,840
and they got in the way of everything

62
00:02:56,229 --> 00:02:53,360
and we didn't we didn't define a proper

63
00:02:57,270 --> 00:02:56,239

area where they could stand and view so

64

00:02:59,509 --> 00:02:57,280

now we've arranged to do it on the

65

00:03:00,470 --> 00:02:59,519

tennis court which is fenced off

66

00:03:02,869 --> 00:03:00,480

and um

67

00:03:04,390 --> 00:03:02,879

and just had a beetle yeah they can get

68

00:03:06,949 --> 00:03:04,400

privacy on the tennis court and people

69

00:03:08,790 --> 00:03:06,959

can look but from outside the wire

70

00:03:10,550 --> 00:03:08,800

and that's the best we can do that's and

71

00:03:12,070 --> 00:03:10,560

that's what we did 11 years ago when i

72

00:03:13,350 --> 00:03:12,080

filmed it we had the tennis court which

73

00:03:15,509 --> 00:03:13,360

worked very well because they could have

74

00:03:17,350 --> 00:03:15,519

peace and quiet but strangely enough it

75

00:03:19,030 --> 00:03:17,360

didn't seem to aid their water divining

76

00:03:21,030 --> 00:03:19,040

ability well that's that's their problem

77

00:03:23,190 --> 00:03:21,040

but we have to be fair to the diviners

78

00:03:24,790 --> 00:03:23,200

you have to give them a fair chance of a

79

00:03:26,550 --> 00:03:24,800

fair test without the crowd interfering

80

00:03:28,630 --> 00:03:26,560

without skeptics breathing down their

81

00:03:38,789 --> 00:03:28,640

necks if they don't want it and oh yeah

82

00:03:41,670 --> 00:03:40,470

we're surrounded by a multitude of

83

00:03:42,949 --> 00:03:41,680

insects here we're right in the middle

84

00:03:45,030 --> 00:03:42,959

of the countryside at beautiful mid

85

00:03:46,869 --> 00:03:45,040

emitter and

86

00:03:49,110 --> 00:03:46,879

enjoying a glass of wine with me of

87

00:03:51,670 --> 00:03:49,120

course is laurie smith hello laurie

88

00:03:54,630 --> 00:03:51,680

hello richard cheers cheers oh this is

89

00:03:58,390 --> 00:03:56,630

listeners i wish you were here oh no

90

00:04:00,789 --> 00:03:58,400

there's not enough wine for that lorry

91

00:04:02,309 --> 00:04:00,799

looking forward to the weekend very much

92

00:04:04,869 --> 00:04:02,319

richard we've put in a lot of work but

93

00:04:07,509 --> 00:04:04,879

it's all coming to a culmination now and

94

00:04:09,509 --> 00:04:07,519

um just can't wait for it to start now i

95

00:04:11,830 --> 00:04:09,519

had such a wonderful time 11 years ago

96

00:04:14,149 --> 00:04:11,840

when i was here for the the last test

97

00:04:17,349 --> 00:04:14,159

and enjoyed your wonderful hospitality

98

00:04:19,270 --> 00:04:17,359

uh were you president the one before

99

00:04:20,949 --> 00:04:19,280

that the year before this yes

100

00:04:22,629 --> 00:04:20,959

yes i haven't missed a meta divining

101
00:04:25,749 --> 00:04:22,639
challenge yet richard

102
00:04:27,670 --> 00:04:25,759
all three of them all trade

103
00:04:29,830 --> 00:04:27,680
and of course this year we have some

104
00:04:32,150 --> 00:04:29,840
more people in tow with us from sydney

105
00:04:33,990 --> 00:04:32,160
we have josh hi josh hi richard looking

106
00:04:38,230 --> 00:04:34,000
this is your first uh water diving

107
00:04:41,350 --> 00:04:39,749
well you're in for a treat oh you would

108
00:04:44,070 --> 00:04:41,360
have only been a little kid for the last

109
00:04:45,990 --> 00:04:44,080
time around oh not that young

110
00:04:48,150 --> 00:04:46,000
16 or so

111
00:04:50,230 --> 00:04:48,160
hey a little kid

112
00:04:51,590 --> 00:04:50,240
martin hudley hello martin hi peace and

113
00:04:53,830 --> 00:04:51,600

love

114

00:04:55,670 --> 00:04:53,840

well said i'm sitting under a wind chime

115

00:04:57,110 --> 00:04:55,680

as you are

116

00:04:58,469 --> 00:04:57,120

have you been i can't remember i don't

117

00:05:01,430 --> 00:04:58,479

think you've been involved in a water

118

00:05:03,749 --> 00:05:01,440

divining test yet this is my first

119

00:05:04,710 --> 00:05:03,759

first timer another one looking forward

120

00:05:06,629 --> 00:05:04,720

to it

121

00:05:07,830 --> 00:05:06,639

but somebody who's an old hand at many

122

00:05:09,350 --> 00:05:07,840

things of course

123

00:05:11,830 --> 00:05:09,360

sitting on the other end of the table

124

00:05:13,830 --> 00:05:11,840

we're out here in the beautiful

125

00:05:16,950 --> 00:05:13,840

open here you can hear the crickets it's

126

00:05:19,749 --> 00:05:16,960

with a mouth full of steak ian bryce

127

00:05:21,430 --> 00:05:19,759

you were involved in a previous water

128

00:05:25,189 --> 00:05:21,440

divining test

129

00:05:27,830 --> 00:05:25,199

20 years ago 1989 over 20 years ago that

130

00:05:29,830 --> 00:05:27,840

was in sydney yeah and uh dick smith was

131

00:05:31,830 --> 00:05:29,840

there briefly dick smith arrived in his

132

00:05:34,310 --> 00:05:31,840

helicopter helicopter but you were

133

00:05:36,150 --> 00:05:34,320

really and dick smith produced a gold

134

00:05:37,909 --> 00:05:36,160

nugget a gold ingot which was one of the

135

00:05:39,510 --> 00:05:37,919

things the diviners were going to find

136

00:05:40,870 --> 00:05:39,520

right i was holding it for a while and i

137

00:05:42,390 --> 00:05:40,880

looked around at the gold ingredient and

138

00:05:44,310 --> 00:05:42,400

looked at his helicopter and i thought i

139

00:05:45,830 --> 00:05:44,320

could skedaddle with this golden goddess

140

00:05:47,189 --> 00:05:45,840

and be set up for life you don't know

141

00:05:50,070 --> 00:05:47,199

how to play a helicopter no well that

142

00:05:51,909 --> 00:05:50,080

was really what kept me down

143

00:05:54,310 --> 00:05:51,919

however all those years ago you were

144

00:05:55,270 --> 00:05:54,320

involved with a water divining test well

145

00:05:58,629 --> 00:05:55,280

it wasn't

146

00:05:59,430 --> 00:05:58,639

water under the ground yes it was water

147

00:06:01,110 --> 00:05:59,440

in

148

00:06:03,189 --> 00:06:01,120

large bottles

149

00:06:06,629 --> 00:06:03,199

in holes in the ground covered up with

150

00:06:07,909 --> 00:06:06,639

discs of glass and then uh this is

151
00:06:10,469 --> 00:06:07,919
plastic so you couldn't see what was in

152
00:06:12,710 --> 00:06:10,479
there and and uh the diviners were all

153
00:06:14,150 --> 00:06:12,720
sure they could they could find a bottle

154
00:06:15,990 --> 00:06:14,160
if the bottle was visible they their

155
00:06:17,189 --> 00:06:16,000
rods responded responded all the time if

156
00:06:19,510 --> 00:06:17,199
the bottle was covered up while they

157
00:06:21,430 --> 00:06:19,520
were watching it the rod still responded

158
00:06:23,029 --> 00:06:21,440
but at the moment it was a double blind

159
00:06:25,590 --> 00:06:23,039
test where they no one knew where the

160
00:06:27,430 --> 00:06:25,600
water was their rods would go to a

161
00:06:28,950 --> 00:06:27,440
hole and respond to that hole then you

162
00:06:31,590 --> 00:06:28,960
take the cover off there's nothing there

163
00:06:33,110 --> 00:06:31,600

then their rods would hesitate

164

00:06:34,790 --> 00:06:33,120

and start turning their attention to

165

00:06:36,710 --> 00:06:34,800

another hole so

166

00:06:38,469 --> 00:06:36,720

it was very revealing about how water

167

00:06:40,390 --> 00:06:38,479

divining works i think i think you're

168

00:06:43,590 --> 00:06:40,400

absolutely right so ian i'm glad you're

169

00:06:45,830 --> 00:06:43,600

here to be on deck with us to aid uh our

170

00:06:49,189 --> 00:06:45,840

water divining activities laurie just

171

00:06:50,950 --> 00:06:49,199

coming back to you and steve of course

172

00:06:51,909 --> 00:06:50,960

what many people don't know is you can't

173

00:06:53,430 --> 00:06:51,919

just

174

00:06:55,189 --> 00:06:53,440

say we're going to have a water diving

175

00:06:57,430 --> 00:06:55,199

test turn up and say well have a go

176
00:06:59,189 --> 00:06:57,440
there's a lot of

177
00:07:00,629 --> 00:06:59,199
preparation and planning

178
00:07:02,550 --> 00:07:00,639
well i've been surprised by the

179
00:07:04,230 --> 00:07:02,560
mathematics which steve's been involved

180
00:07:05,830 --> 00:07:04,240
in maybe they can compromise

181
00:07:07,350 --> 00:07:05,840
yeah well the mass is actually fairly

182
00:07:10,309 --> 00:07:07,360
easy i mean the samples are either water

183
00:07:12,469 --> 00:07:10,319
or sand so it's basically 50 50 but you

184
00:07:14,629 --> 00:07:12,479
get it right or not if you do 20 tests

185
00:07:17,430 --> 00:07:14,639
it'll be um one chance in a million

186
00:07:19,029 --> 00:07:17,440
roughly to get all 20 right or um you

187
00:07:20,790 --> 00:07:19,039
just spent 10 out of 20 at random if

188
00:07:22,230 --> 00:07:20,800

somebody gets 12 out of 20 is that

189

00:07:23,909 --> 00:07:22,240

significant or

190

00:07:26,309 --> 00:07:23,919

would you expect that if you have you

191

00:07:28,469 --> 00:07:26,319

know 20 dividers trying it and the the

192

00:07:30,390 --> 00:07:28,479

math is actually fairly well defined for

193

00:07:32,870 --> 00:07:30,400

this but the thing is this all has to be

194

00:07:34,790 --> 00:07:32,880

explained to the diviners because

195

00:07:36,150 --> 00:07:34,800

they'll get some and say see it works on

196

00:07:38,070 --> 00:07:36,160

those ones

197

00:07:39,990 --> 00:07:38,080

even if they get yeah eight out of

198

00:07:41,510 --> 00:07:40,000

twenty they'll say yes but it worked on

199

00:07:44,710 --> 00:07:41,520

those ones yeah that's what they say but

200

00:07:46,150 --> 00:07:44,720

it worked on those eight which is 100

201
00:07:48,070 --> 00:07:46,160
well i don't want the money

202
00:07:50,469 --> 00:07:48,080
so and of course our money is actually

203
00:07:51,749 --> 00:07:50,479
at risk he's not at risk

204
00:07:53,110 --> 00:07:51,759
on the day you've been very careful to

205
00:07:55,510 --> 00:07:53,120
say that what what

206
00:07:57,589 --> 00:07:55,520
if somebody scores 18 out of 20 which is

207
00:08:00,469 --> 00:07:57,599
um given they have several chances to

208
00:08:02,790 --> 00:08:00,479
try it that's um about a thousand to one

209
00:08:04,550 --> 00:08:02,800
um we will we guarantee you to invite

210
00:08:06,309 --> 00:08:04,560
them back for a second test without the

211
00:08:07,990 --> 00:08:06,319
crowd on another day

212
00:08:10,710 --> 00:08:08,000
with similar odds if they can do it

213
00:08:13,270 --> 00:08:10,720

again then we'll award the prize of 100

214

00:08:14,629 --> 00:08:13,280

000 plus ten grand thrown in by yeah one

215

00:08:15,430 --> 00:08:14,639

of the locals here

216

00:08:18,469 --> 00:08:15,440

um

217

00:08:20,629 --> 00:08:18,479

on the day what's at risk is the

218

00:08:22,469 --> 00:08:20,639

invitation to do a second test but you

219

00:08:24,070 --> 00:08:22,479

you really can't risk a hundred grand

220

00:08:25,909 --> 00:08:24,080

this this is the standard thing i mean

221

00:08:27,510 --> 00:08:25,919

the james randy educational foundation

222

00:08:29,830 --> 00:08:27,520

have the same protocol there are two

223

00:08:31,830 --> 00:08:29,840

tests the one is to sort out do you

224

00:08:35,350 --> 00:08:31,840

actually have this ability you know

225

00:08:36,790 --> 00:08:35,360

let's have a a good test but not such a

226

00:08:39,029 --> 00:08:36,800

strict test

227

00:08:40,630 --> 00:08:39,039

because the ultimate aim is we only want

228

00:08:42,630 --> 00:08:40,640

to test people for the money who can

229

00:08:43,829 --> 00:08:42,640

actually pass and get the money that

230

00:08:45,430 --> 00:08:43,839

really that's what we want to do if

231

00:08:47,190 --> 00:08:45,440

somebody can really do it we want to

232

00:08:49,670 --> 00:08:47,200

know and reward them

233

00:08:52,150 --> 00:08:49,680

very much so and my dad also since we

234

00:08:55,030 --> 00:08:52,160

incorporated in the last test the two

235

00:08:56,230 --> 00:08:55,040

undisguised calibration samples of water

236

00:08:58,790 --> 00:08:56,240

and sand

237

00:09:00,310 --> 00:08:58,800

which the diviners were invited to

238

00:09:02,710 --> 00:09:00,320

run their instruments over before the

239

00:09:04,070 --> 00:09:02,720

test there wasn't a diviner that failed

240

00:09:05,670 --> 00:09:04,080

to have a good response on the

241

00:09:07,190 --> 00:09:05,680

calibration samples but of course when

242

00:09:08,710 --> 00:09:07,200

it went on the ones with the paper bag

243

00:09:09,750 --> 00:09:08,720

on them their abilities seem to

244

00:09:11,670 --> 00:09:09,760

disappear

245

00:09:14,070 --> 00:09:11,680

yes that's very interesting now some

246

00:09:16,389 --> 00:09:14,080

years ago of course i made a when i was

247

00:09:18,230 --> 00:09:16,399

here in 2002 i filmed the whole thing

248

00:09:20,630 --> 00:09:18,240

made a documentary about it that's on

249

00:09:22,310 --> 00:09:20,640

youtube so if listeners want to see

250

00:09:24,550 --> 00:09:22,320

the documentary from all those years ago

251
00:09:26,790 --> 00:09:24,560
just google mighty mitte mustard water

252
00:09:28,870 --> 00:09:26,800
divining you'll easily find it

253
00:09:30,710 --> 00:09:28,880
and it's it's amazing to think after all

254
00:09:32,630 --> 00:09:30,720
these years where it's it's back for

255
00:09:34,790 --> 00:09:32,640
well it's really around three isn't it

256
00:09:37,509 --> 00:09:34,800
of the local water diving tests with a

257
00:09:41,269 --> 00:09:37,519
big gap best of three rounds and so far

258
00:09:44,550 --> 00:09:42,710
well i'm looking forward to the whole

259
00:09:45,670 --> 00:09:44,560
weekend it's going to be an awful lot of

260
00:09:47,509 --> 00:09:45,680
fun i'm going to get some great

261
00:09:49,590 --> 00:09:47,519
interviews and insights running around

262
00:09:51,269 --> 00:09:49,600
the tennis court and talking to diviners

263
00:09:53,190 --> 00:09:51,279

and skeptics and media

264

00:09:54,710 --> 00:09:53,200

on the day and it's just wonderful to be

265

00:09:57,829 --> 00:09:54,720

here and enjoy the good company of some

266

00:09:59,750 --> 00:09:57,839

good friends and cheers everybody cheers

267

00:10:02,310 --> 00:09:59,760

cheers thank you very much it's a water

268

00:10:07,430 --> 00:10:02,320

divining and skepticism divine

269

00:10:11,110 --> 00:10:09,110

after a wonderful sleep we got up the

270

00:10:13,910 --> 00:10:11,120

next day on saturday

271

00:10:15,990 --> 00:10:13,920

and went over the test setting up little

272

00:10:17,350 --> 00:10:16,000

protocols and examining the bottles we

273

00:10:19,750 --> 00:10:17,360

were going to use

274

00:10:20,630 --> 00:10:19,760

making sure things would be okay on the

275

00:10:22,790 --> 00:10:20,640

day

276

00:10:24,949 --> 00:10:22,800

i think we spent the rest of they just

277

00:10:26,630 --> 00:10:24,959

chatting and having a good time

278

00:10:29,269 --> 00:10:26,640

come saturday night

279

00:10:31,430 --> 00:10:29,279

we went to the house of russell and

280

00:10:34,069 --> 00:10:31,440

robin kelly they put on for all their

281

00:10:57,910 --> 00:10:34,079

friends a country dance and a giant

282

00:11:04,150 --> 00:11:01,110

now in the queue here to get his lovely

283

00:11:06,150 --> 00:11:04,160

piece of um beef and uh mixed vegetables

284

00:11:07,990 --> 00:11:06,160

and um potatoes and pumpkins and all

285

00:11:10,389 --> 00:11:08,000

sorts of things at steve roberts steve

286

00:11:12,949 --> 00:11:10,399

we went out to the um the testing field

287

00:11:15,110 --> 00:11:12,959

today to case the joint we did indeed

288

00:11:17,910 --> 00:11:15,120

yes yeah it was a tennis court at mit

289

00:11:20,230 --> 00:11:17,920

emitter it's um bare concrete it's

290

00:11:22,150 --> 00:11:20,240

searing in the afternoon sun it's hot

291

00:11:24,069 --> 00:11:22,160

isn't it the glare was so bad i couldn't

292

00:11:26,230 --> 00:11:24,079

look you know at it so i'm gonna test

293

00:11:27,110 --> 00:11:26,240

this blind as a double blind test

294

00:11:28,790 --> 00:11:27,120

um

295

00:11:30,069 --> 00:11:28,800

yeah and we've got we worked out where

296

00:11:31,590 --> 00:11:30,079

to put things and how we're going to do

297

00:11:32,790 --> 00:11:31,600

it tomorrow and

298

00:11:34,470 --> 00:11:32,800

we already prepared how to do the

299

00:11:35,750 --> 00:11:34,480

samples this morning and we did a bit of

300

00:11:38,150 --> 00:11:35,760

a rehearsal

301
00:11:39,430 --> 00:11:38,160
and get it totally organized because um

302
00:11:41,110 --> 00:11:39,440
tomorrow we'll be doing it all under the

303
00:11:42,949 --> 00:11:41,120
glare of the public

304
00:11:44,790 --> 00:11:42,959
error of the sun and the grey of the sun

305
00:11:46,150 --> 00:11:44,800
and television cameras yeah and if if we

306
00:11:47,990 --> 00:11:46,160
have an argument it'll make great

307
00:11:50,389 --> 00:11:48,000
television so we're going to be careful

308
00:11:51,910 --> 00:11:50,399
to get all this done beforehand i think

309
00:11:54,230 --> 00:11:51,920
it's a good point to make that people

310
00:11:56,630 --> 00:11:54,240
don't realize how much

311
00:11:58,790 --> 00:11:56,640
work goes into organizing a test of

312
00:12:00,150 --> 00:11:58,800
water diviners or any psychic test it's

313
00:12:01,430 --> 00:12:00,160

going to be fair for the diviners

314

00:12:03,829 --> 00:12:01,440

there's got to be a reasonable test that

315

00:12:05,430 --> 00:12:03,839

they can understand and that they see is

316

00:12:07,829 --> 00:12:05,440

fair to them

317

00:12:09,269 --> 00:12:07,839

and uh have a define a definite result

318

00:12:11,350 --> 00:12:09,279

they definitely risk to the skeptics

319

00:12:12,710 --> 00:12:11,360

that we have to part with our money

320

00:12:14,470 --> 00:12:12,720

and in fairness to them there's got to

321

00:12:16,310 --> 00:12:14,480

be a real risk of that because that is

322

00:12:18,069 --> 00:12:16,320

that is their payload in this our

323

00:12:19,750 --> 00:12:18,079

players is that we can make a

324

00:12:21,750 --> 00:12:19,760

graph of results and show that a random

325

00:12:23,910 --> 00:12:21,760

distribution if that's how it turns out

326

00:12:25,990 --> 00:12:23,920

if that's how it turns out oh well i

327

00:12:27,910 --> 00:12:26,000

think i i will delay you no more

328

00:12:30,550 --> 00:12:27,920

excellent yeah the bbq is ready and i'm

329

00:12:32,629 --> 00:12:30,560

very pickish normal way normal way yeah

330

00:12:34,550 --> 00:12:32,639

thank you

331

00:12:36,310 --> 00:12:34,560

as i live and breathe who should we bump

332

00:12:38,550 --> 00:12:36,320

into in the barbecue in here in

333

00:12:39,910 --> 00:12:38,560

mid-emitter it's it's ratbag himself

334

00:12:41,269 --> 00:12:39,920

good evening richard good evening now

335

00:12:43,509 --> 00:12:41,279

you've come down here to take part in

336

00:12:44,790 --> 00:12:43,519

the water diving test too i certainly

337

00:12:46,870 --> 00:12:44,800

have look i'm really interested in water

338

00:12:48,710 --> 00:12:46,880

defining um i live on the top of a

339

00:12:49,590 --> 00:12:48,720

mountain and we're very short of water

340

00:12:51,509 --> 00:12:49,600

there obviously because all runs

341

00:12:52,470 --> 00:12:51,519

downhill and disappears and so we

342

00:12:54,629 --> 00:12:52,480

actually would like someone to come up

343

00:12:56,069 --> 00:12:54,639

there and find water for us although

344

00:12:57,590 --> 00:12:56,079

last saturday when it rained 140

345

00:13:01,030 --> 00:12:57,600

millimeters i don't think we needed a

346

00:13:04,470 --> 00:13:03,030

now you must remind me have you taken

347

00:13:06,949 --> 00:13:04,480

part in one of these water diving tests

348

00:13:08,949 --> 00:13:06,959

before uh no i haven't ah first timer

349

00:13:10,870 --> 00:13:08,959

it's the first time yes i mean i

350

00:13:12,870 --> 00:13:10,880

i remember seeing them i remember seeing

351

00:13:15,030 --> 00:13:12,880

the very first one the one that was

352

00:13:17,750 --> 00:13:15,040

you know inaugurated australian skeptics

353

00:13:19,030 --> 00:13:17,760

yeah 1980 years yeah way back then you

354

00:13:20,550 --> 00:13:19,040

know i was

355

00:13:22,870 --> 00:13:20,560

i think i don't even know what i must

356

00:13:23,910 --> 00:13:22,880

have been in kindergarten um

357

00:13:26,150 --> 00:13:23,920

so i'm not quite sure i said but i

358

00:13:28,069 --> 00:13:26,160

actually remember seeing that and uh and

359

00:13:30,230 --> 00:13:28,079

obviously i remember the randy one on

360

00:13:32,389 --> 00:13:30,240

the television later in the piece um the

361

00:13:33,590 --> 00:13:32,399

one with richard carlton on that so um

362

00:13:35,590 --> 00:13:33,600

i've been watching it for years i've

363

00:13:37,110 --> 00:13:35,600

never actually been to one you're in for

364

00:13:38,710 --> 00:13:37,120

quite an interesting experience when you

365

00:13:40,949 --> 00:13:38,720

start to meet the diviners and see them

366

00:13:42,629 --> 00:13:40,959

walking around some will get will fly

367

00:13:44,069 --> 00:13:42,639

through some will take an hour it's it's

368

00:13:45,750 --> 00:13:44,079

quite interesting one of the things i

369

00:13:47,350 --> 00:13:45,760

have soon obviously just observing from

370

00:13:49,509 --> 00:13:47,360

the outside

371

00:13:52,069 --> 00:13:49,519

diviners while we consider maybe that

372

00:13:53,750 --> 00:13:52,079

they're diluted they all seem to be

373

00:13:56,230 --> 00:13:53,760

really actually honest people they think

374

00:13:58,069 --> 00:13:56,240

they've actually got some i agree

375

00:14:00,389 --> 00:13:58,079

i've never actually met or heard of a

376

00:14:01,990 --> 00:14:00,399

diviner who's actually a crook

377

00:14:03,509 --> 00:14:02,000

unlike a lot of other people who do

378

00:14:05,590 --> 00:14:03,519

woo-woo type stuff

379

00:14:07,509 --> 00:14:05,600

who when i taste i know they know

380

00:14:09,110 --> 00:14:07,519

they're just like i think i think some

381

00:14:10,870 --> 00:14:09,120

know that they're they're on the take

382

00:14:12,150 --> 00:14:10,880

really oh look i do but what it is with

383

00:14:13,990 --> 00:14:12,160

a lot of diviners particularly ones that

384

00:14:14,949 --> 00:14:14,000

work out in the bush

385

00:14:17,350 --> 00:14:14,959

it's

386

00:14:19,110 --> 00:14:17,360

um they they know if they've done it for

387

00:14:20,710 --> 00:14:19,120

years they recognize signs like

388

00:14:22,069 --> 00:14:20,720

different colors of the grass and so

389

00:14:25,110 --> 00:14:22,079

forth they might be able to put their

390

00:14:26,389 --> 00:14:25,120

finger on it there's a form of expertise

391

00:14:27,590 --> 00:14:26,399

but of course if you do it anywhere in

392

00:14:30,949 --> 00:14:27,600

sydney

393

00:14:32,629 --> 00:14:30,959

huge block of sandstone next to the

394

00:14:33,990 --> 00:14:32,639

ocean it's full of water yeah

395

00:14:34,949 --> 00:14:34,000

you dig anywhere in sydney dig deep

396

00:14:36,710 --> 00:14:34,959

enough you'll get a well that makes

397

00:14:37,590 --> 00:14:36,720

water but if you do it out here in the

398

00:14:39,750 --> 00:14:37,600

bush

399

00:14:41,670 --> 00:14:39,760

generally these people are using

400

00:14:44,150 --> 00:14:41,680

observational skills that they may not

401
00:14:46,230 --> 00:14:44,160
know they have possibly so yeah in the

402
00:14:47,189 --> 00:14:46,240
same way that um some people can

403
00:14:48,790 --> 00:14:47,199
convince themselves that they're

404
00:14:50,069 --> 00:14:48,800
psychics

405
00:14:51,910 --> 00:14:50,079
even though they're doing a form of cold

406
00:14:52,870 --> 00:14:51,920
reading they may not know they're doing

407
00:14:54,790 --> 00:14:52,880
it

408
00:14:56,629 --> 00:14:54,800
just because they know the sort of

409
00:14:57,990 --> 00:14:56,639
questions to ask they know the sort of

410
00:14:59,750 --> 00:14:58,000
responses they get from people and they

411
00:15:02,470 --> 00:14:59,760
follow those responses along

412
00:15:03,910 --> 00:15:02,480
so i mean i don't i'm not saying that

413
00:15:06,629 --> 00:15:03,920

i think that diviners a greater

414

00:15:07,990 --> 00:15:06,639

proportion of diviners are look real and

415

00:15:09,910 --> 00:15:08,000

actually believe they can do it then the

416

00:15:11,269 --> 00:15:09,920

psychics do i think you're absolutely

417

00:15:12,550 --> 00:15:11,279

right and i think tomorrow when you meet

418

00:15:14,150 --> 00:15:12,560

some of them you'll you'll really get

419

00:15:16,069 --> 00:15:14,160

that impression if they're anything like

420

00:15:17,750 --> 00:15:16,079

they were 11 years ago the one thing of

421

00:15:19,590 --> 00:15:17,760

course that i know they will all do is

422

00:15:21,189 --> 00:15:19,600

they'll all agree in advance to all the

423

00:15:23,110 --> 00:15:21,199

conditions and at the end of the day

424

00:15:26,470 --> 00:15:23,120

they say the other day say oh look but

425

00:15:28,790 --> 00:15:26,480

this was wrong

426

00:15:30,230 --> 00:15:28,800

um i'm actually glad it's not raining

427

00:15:31,829 --> 00:15:30,240

because as i said last week it was

428

00:15:33,590 --> 00:15:31,839

raining it would confuse them enormously

429

00:15:34,949 --> 00:15:33,600

because why 0.6 around there's water

430

00:15:36,870 --> 00:15:34,959

everywhere

431

00:15:38,069 --> 00:15:36,880

well i think the band is striking up in

432

00:15:39,829 --> 00:15:38,079

the background over there and i think

433

00:15:43,590 --> 00:15:39,839

the dancing will start soon so peter

434

00:15:48,949 --> 00:15:46,550

now it's don hyatt from uh victoria don

435

00:15:50,470 --> 00:15:48,959

is this your first water diving test

436

00:15:52,389 --> 00:15:50,480

it is indeed richard and i'm really

437

00:15:55,269 --> 00:15:52,399

looking forward to it i i have seen the

438

00:15:58,470 --> 00:15:55,279

video we think it was was it 2004 the

439

00:16:00,150 --> 00:15:58,480

the 2002 2002 so so i've been prepping

440

00:16:02,550 --> 00:16:00,160

for this event

441

00:16:05,189 --> 00:16:02,560

by watching the the video and of course

442

00:16:07,670 --> 00:16:05,199

i was inspired by tam last year of

443

00:16:09,110 --> 00:16:07,680

course we had i think his name was matt

444

00:16:11,749 --> 00:16:09,120

and he was

445

00:16:13,670 --> 00:16:11,759

testing on stage uh with banner check

446

00:16:15,749 --> 00:16:13,680

and so on and i think you were up there

447

00:16:18,069 --> 00:16:15,759

today i was up there too yes yes and uh

448

00:16:20,230 --> 00:16:18,079

he was testing a variation on the power

449

00:16:21,990 --> 00:16:20,240

wristband i think there was some sort of

450

00:16:22,790 --> 00:16:22,000

special chip or something like that in

451
00:16:25,910 --> 00:16:22,800
there

452
00:16:28,710 --> 00:16:25,920
and uh it look it was absolutely

453
00:16:31,110 --> 00:16:28,720
riveting up to about the tenth minute

454
00:16:32,790 --> 00:16:31,120
when it it was quite clear that he was

455
00:16:34,389 --> 00:16:32,800
not going to pass i think you'll find

456
00:16:37,590 --> 00:16:34,399
tomorrow interesting because it can be a

457
00:16:39,030 --> 00:16:37,600
long day and when the water diviners

458
00:16:40,069 --> 00:16:39,040
start going but i think what you'll find

459
00:16:41,749 --> 00:16:40,079
is interesting is all the different

460
00:16:43,509 --> 00:16:41,759
techniques they have some will have

461
00:16:44,710 --> 00:16:43,519
wires some will have sticks some will do

462
00:16:45,670 --> 00:16:44,720
all sorts of things we can't even

463
00:16:47,829 --> 00:16:45,680

imagine

464

00:16:49,430 --> 00:16:47,839

yes indeed i'm really looking forward to

465

00:16:51,749 --> 00:16:49,440

it i mean we're going to have to do some

466

00:16:53,509 --> 00:16:51,759

serious slip slop slapping because we

467

00:16:54,710 --> 00:16:53,519

know it's going to be about 35 degrees

468

00:16:57,269 --> 00:16:54,720

tomorrow but

469

00:16:59,189 --> 00:16:57,279

i was listening to what peter had to say

470

00:17:01,110 --> 00:16:59,199

before and what i'm really looking

471

00:17:03,030 --> 00:17:01,120

forward to is the excuses at the end of

472

00:17:05,590 --> 00:17:03,040

the day because these guys come up with

473

00:17:07,990 --> 00:17:05,600

the most amazing excuses as to why it

474

00:17:09,990 --> 00:17:08,000

didn't work but the excuses are always

475

00:17:12,150 --> 00:17:10,000

in retrospect and

476

00:17:13,590 --> 00:17:12,160

you know i i'm i'm not being psychic

477

00:17:15,909 --> 00:17:13,600

here by predicting that there are going

478

00:17:18,549 --> 00:17:15,919

to be excuses i'm a skeptic after all

479

00:17:20,710 --> 00:17:18,559

but i suspect they're going to be a few

480

00:17:22,309 --> 00:17:20,720

excuses you know i suspect you're quite

481

00:17:23,750 --> 00:17:22,319

right all right

482

00:17:25,669 --> 00:17:23,760

big day ahead tomorrow i look forward to

483

00:17:27,829 --> 00:17:25,679

seeing you out there on the on the

484

00:17:39,270 --> 00:17:27,839

testing field looking forward to it

485

00:17:43,590 --> 00:17:41,750

after another fine night's sleep

486

00:17:44,870 --> 00:17:43,600

we got up early

487

00:17:47,350 --> 00:17:44,880

had breakfast

488

00:17:49,350 --> 00:17:47,360

and drove down to the field

489

00:17:51,750 --> 00:17:49,360

the field the testing field

490

00:17:53,590 --> 00:17:51,760

the old mid-emitter tennis court which

491

00:17:56,710 --> 00:17:53,600

had been converted into a

492

00:17:58,870 --> 00:17:56,720

netball court nevertheless there it was

493

00:18:03,669 --> 00:17:58,880

and a group of us arrived early to start

494

00:18:07,510 --> 00:18:05,830

it's quite a fast date here on the day

495

00:18:09,029 --> 00:18:07,520

the big day the test rate bag here we

496

00:18:11,029 --> 00:18:09,039

are ready to go we've set up one of the

497

00:18:13,350 --> 00:18:11,039

tents we've got somebody sweeping the

498

00:18:14,870 --> 00:18:13,360

the field of uh where the testing is

499

00:18:15,750 --> 00:18:14,880

going to be and the other skeptics are

500

00:18:17,590 --> 00:18:15,760

busy

501
00:18:19,110 --> 00:18:17,600
getting themselves together uh it's

502
00:18:20,230 --> 00:18:19,120
going to be a fun day oh i think it's

503
00:18:22,310 --> 00:18:20,240
going to be an excellent day the weather

504
00:18:23,110 --> 00:18:22,320
is fine yes yeah and a bit of cloud

505
00:18:26,150 --> 00:18:23,120
cover

506
00:18:28,310 --> 00:18:26,160
burns worse but that's right uh and we

507
00:18:30,230 --> 00:18:28,320
won't notice a little tomorrow but uh i

508
00:18:31,430 --> 00:18:30,240
think it's the perfect weather yep um it

509
00:18:32,870 --> 00:18:31,440
could have been raining which of course

510
00:18:34,150 --> 00:18:32,880
would be immense distraction for all the

511
00:18:36,310 --> 00:18:34,160
dowers because they're simply say out

512
00:18:37,190 --> 00:18:36,320
there well that would be disappointing

513
00:18:39,510 --> 00:18:37,200

uh

514

00:18:41,190 --> 00:18:39,520

it'd be it's very easy to find rain on

515

00:18:42,710 --> 00:18:41,200

water when it's raining

516

00:18:44,310 --> 00:18:42,720

i'm looking forward to it because i

517

00:18:45,669 --> 00:18:44,320

think that um

518

00:18:47,430 --> 00:18:45,679

yeah i thought i haven't been to one of

519

00:18:49,830 --> 00:18:47,440

those before oh yes but i've been

520

00:18:51,350 --> 00:18:49,840

following dowsing for forever

521

00:18:52,630 --> 00:18:51,360

and uh so i'd be interested to actually

522

00:18:54,470 --> 00:18:52,640

see how we do it how we run the

523

00:18:56,390 --> 00:18:54,480

experiment how we

524

00:18:57,909 --> 00:18:56,400

and what we find

525

00:18:59,750 --> 00:18:57,919

me too and the other skeptics are over

526
00:19:01,909 --> 00:18:59,760
there setting up yet another tent which

527
00:19:03,270 --> 00:19:01,919
is really good it's quite a wonderful

528
00:19:05,350 --> 00:19:03,280
scene here that

529
00:19:07,110 --> 00:19:05,360
it's because it's the sun's not out yet

530
00:19:09,029 --> 00:19:07,120
i mean it's still hard behind clouds

531
00:19:11,029 --> 00:19:09,039
it's very pleasant but we've got a giant

532
00:19:12,789 --> 00:19:11,039
shark inflatable shark the horses are

533
00:19:14,390 --> 00:19:12,799
getting ready in that corner over there

534
00:19:16,310 --> 00:19:14,400
we've got um

535
00:19:17,110 --> 00:19:16,320
equestrian events being set up over

536
00:19:19,110 --> 00:19:17,120
there

537
00:19:21,350 --> 00:19:19,120
it looks like a really a good dive it's

538
00:19:23,110 --> 00:19:21,360

not just this it's it's a whole it's a

539

00:19:24,870 --> 00:19:23,120

whole country fair isn't it fair and

540

00:19:26,630 --> 00:19:24,880

even over there we've got the old steam

541

00:19:28,150 --> 00:19:26,640

engines and i know ian bryce our

542

00:19:29,990 --> 00:19:28,160

engineer will be very excited to go

543

00:19:31,909 --> 00:19:30,000

inside i like those sort of things too

544

00:19:33,909 --> 00:19:31,919

they have those

545

00:19:35,430 --> 00:19:33,919

at the grenfell fair

546

00:19:36,789 --> 00:19:35,440

they've actually got a local group there

547

00:19:38,470 --> 00:19:36,799

that come in with all of these ancient

548

00:19:40,230 --> 00:19:38,480

steam engines and i've seen farm

549

00:19:41,110 --> 00:19:40,240

machinery rather than steam engines yeah

550

00:19:42,950 --> 00:19:41,120

and uh

551
00:19:44,630 --> 00:19:42,960
it's wonderful stuff i'm fascinated by

552
00:19:46,310 --> 00:19:44,640
the big shark slide right over there

553
00:19:48,070 --> 00:19:46,320
sharks i've never seen such a big

554
00:19:49,350 --> 00:19:48,080
inflatable shark in my life i'm just a

555
00:19:50,710 --> 00:19:49,360
bit disappointed that now they weren't

556
00:19:51,750 --> 00:19:50,720
in the jumping castle because i'm too

557
00:19:54,870 --> 00:19:51,760
tall

558
00:19:59,190 --> 00:19:54,880
on the sliding on the shark slide

559
00:20:01,830 --> 00:20:00,070
well

560
00:20:03,669 --> 00:20:01,840
we thought ian bryce there a couple of

561
00:20:05,190 --> 00:20:03,679
diviners showed up very early and having

562
00:20:07,430 --> 00:20:05,200
a chat to us and they were telling you

563
00:20:09,270 --> 00:20:07,440

some of their concerns

564

00:20:11,909 --> 00:20:09,280

yes indeed one problem is that there are

565

00:20:13,350 --> 00:20:11,919

two different types of sand apparently

566

00:20:15,430 --> 00:20:13,360

there's river sand which has got

567

00:20:17,190 --> 00:20:15,440

minerals in it which which metal rods

568

00:20:19,430 --> 00:20:17,200

respond to

569

00:20:21,669 --> 00:20:19,440

and there's ricky sand which is washed

570

00:20:22,789 --> 00:20:21,679

free of all minerals

571

00:20:23,750 --> 00:20:22,799

and

572

00:20:25,669 --> 00:20:23,760

only

573

00:20:27,110 --> 00:20:25,679

wooden rods respond to that so there's

574

00:20:28,549 --> 00:20:27,120

two different things that's good to know

575

00:20:29,990 --> 00:20:28,559

so that's yeah that's another thing what

576
00:20:31,830 --> 00:20:30,000
was the other concern something to do

577
00:20:33,270 --> 00:20:31,840
with the metal poles around the court

578
00:20:35,909 --> 00:20:33,280
have you you've heard of spontaneous

579
00:20:37,909 --> 00:20:35,919
human combustion i'm sure i have

580
00:20:39,350 --> 00:20:37,919
well that's

581
00:20:40,950 --> 00:20:39,360
if you calculate you'll find out the

582
00:20:42,470 --> 00:20:40,960
third of the body burns away in that

583
00:20:44,470 --> 00:20:42,480
because a third of the body consists of

584
00:20:45,990 --> 00:20:44,480
static electricity

585
00:20:48,390 --> 00:20:46,000
and that interferes with divining is

586
00:20:49,430 --> 00:20:48,400
this what one of them just told you yes

587
00:20:51,430 --> 00:20:49,440
okay

588
00:20:52,789 --> 00:20:51,440

well you know i can't this is better

589

00:20:54,230 --> 00:20:52,799

than i could imagine because it's

590

00:20:55,990 --> 00:20:54,240

normally at the end of the day we hear

591

00:20:57,830 --> 00:20:56,000

all these wonderful

592

00:20:59,590 --> 00:20:57,840

uh new theories and excuses but it's

593

00:21:01,430 --> 00:20:59,600

coming thick and fast already and the

594

00:21:03,270 --> 00:21:01,440

problem is here that we're in a tennis

595

00:21:05,029 --> 00:21:03,280

court with the metal fence yeah and if

596

00:21:07,350 --> 00:21:05,039

some of those poles go down far enough

597

00:21:09,430 --> 00:21:07,360

to enter to connect with the electrical

598

00:21:11,029 --> 00:21:09,440

earth of the of the planet

599

00:21:11,909 --> 00:21:11,039

then that'll interfere with the divining

600

00:21:13,750 --> 00:21:11,919

rods

601
00:21:15,909 --> 00:21:13,760
it's amazing divining works at all ian

602
00:21:20,549 --> 00:21:15,919
isn't it so many things can go wrong how

603
00:21:25,270 --> 00:21:23,190
one of the tasks on the day was to

604
00:21:28,310 --> 00:21:25,280
run down to the river

605
00:21:30,710 --> 00:21:28,320
with lots of two litre milk bottles

606
00:21:35,270 --> 00:21:30,720
plastic milk bottles and fill them up

607
00:21:40,549 --> 00:21:37,350
i'm with steve roberts and his little

608
00:21:44,950 --> 00:21:43,350
walking down from the tennis court the

609
00:21:46,710 --> 00:21:44,960
netball court

610
00:21:49,430 --> 00:21:46,720
quite a distance actually down to the

611
00:21:51,669 --> 00:21:49,440
river so we need to use fresh river

612
00:21:53,669 --> 00:21:51,679
water steve yes from the foaming waters

613
00:21:56,549 --> 00:21:53,679

of the mittal river which is here

614

00:21:58,230 --> 00:21:56,559

somewhere because we can find it

615

00:21:59,669 --> 00:21:58,240

walking down a path there are campers

616

00:22:01,750 --> 00:21:59,679

here look these

617

00:22:04,070 --> 00:22:01,760

people camping here for the show

618

00:22:06,070 --> 00:22:04,080

and we'll be camping near the river yeah

619

00:22:07,510 --> 00:22:06,080

this might be a way down here there's

620

00:22:10,230 --> 00:22:07,520

the river look at that the flowing

621

00:22:11,990 --> 00:22:10,240

waters oh foaming of course foaming of

622

00:22:16,710 --> 00:22:12,000

course yeah that looks very very

623

00:22:21,350 --> 00:22:18,549

upon our return from the river and once

624

00:22:23,350 --> 00:22:21,360

we set the bottles out on the court to

625

00:22:25,270 --> 00:22:23,360

to inspect them we noticed that there

626
00:22:27,270 --> 00:22:25,280
was a lot of condensation on the outside

627
00:22:28,870 --> 00:22:27,280
of the bottles this could be a problem

628
00:22:31,190 --> 00:22:28,880
as the bottles were going to be wrapped

629
00:22:33,510 --> 00:22:31,200
up in cloth bags

630
00:22:36,070 --> 00:22:33,520
luckily the bottles didn't stay wet for

631
00:22:36,950 --> 00:22:36,080
long and dried out very nicely in the

632
00:22:38,549 --> 00:22:36,960
sun

633
00:22:40,390 --> 00:22:38,559
before long it was time for steve

634
00:22:44,789 --> 00:22:40,400
roberts to begin the briefing

635
00:22:47,750 --> 00:22:45,990
and they're the same as the other

636
00:22:49,350 --> 00:22:47,760
samples

637
00:22:51,510 --> 00:22:49,360
and we ask that you

638
00:22:52,950 --> 00:22:51,520

divine these four successfully and

639

00:22:55,270 --> 00:22:52,960

there's a space on the sheep for doing

640

00:22:57,350 --> 00:22:55,280

that to make sure your mods and

641

00:22:59,350 --> 00:22:57,360

techniques are working then you divide

642

00:23:01,029 --> 00:22:59,360

the other samples one of us will follow

643

00:23:02,870 --> 00:23:01,039

you around with a clipboard and try and

644

00:23:05,350 --> 00:23:02,880

not get in the way so if you want to

645

00:23:06,710 --> 00:23:05,360

step back a meter or so that's fine or

646

00:23:08,870 --> 00:23:06,720

be off the court altogether or whatever

647

00:23:10,870 --> 00:23:08,880

but lots of people on the court and as

648

00:23:12,630 --> 00:23:10,880

you go around you say if it's water or

649

00:23:14,149 --> 00:23:12,640

sand we've got a technique we got and we

650

00:23:16,070 --> 00:23:14,159

run it down on the

651
00:23:17,990 --> 00:23:16,080
on the form here we keep a copy there

652
00:23:19,510 --> 00:23:18,000
which you get to keep so you have to

653
00:23:21,110 --> 00:23:19,520
record it for yourself

654
00:23:23,190 --> 00:23:21,120
and now none of us know whether these

655
00:23:25,590 --> 00:23:23,200
samples of water or sand

656
00:23:27,110 --> 00:23:25,600
um at all i know about four of them and

657
00:23:27,750 --> 00:23:27,120
he knows about four of them that's about

658
00:23:28,789 --> 00:23:27,760
it

659
00:23:31,430 --> 00:23:28,799
um

660
00:23:33,510 --> 00:23:31,440
after you've all been round to your

661
00:23:35,270 --> 00:23:33,520
satisfaction we'll close the trial for

662
00:23:37,830 --> 00:23:35,280
we'll close that trial and be about an

663
00:23:40,070 --> 00:23:37,840

hour and then we will reveal what's in

664

00:23:41,430 --> 00:23:40,080

all the samples we can go around again

665

00:23:43,110 --> 00:23:41,440

fairly quickly then we get them all back

666

00:23:45,190 --> 00:23:43,120

in again randomized again put them all

667

00:23:46,950 --> 00:23:45,200

out again and do the whole test again

668

00:23:48,070 --> 00:23:46,960

and we do that many times during the

669

00:23:51,430 --> 00:23:48,080

days

670

00:23:54,950 --> 00:23:51,440

probably about once an hour okay um

671

00:24:00,470 --> 00:23:57,590

so off the diviners went eager

672

00:24:02,549 --> 00:24:00,480

to see if they could be the first to uh

673

00:24:04,390 --> 00:24:02,559

pass our divining test

674

00:24:05,990 --> 00:24:04,400

it's getting very warm out there on the

675

00:24:08,390 --> 00:24:06,000

tennis court the netball court but the

676

00:24:10,870 --> 00:24:08,400

diviners went out accompanied by a a

677

00:24:12,630 --> 00:24:10,880

score keeper and one by one they went

678

00:24:16,230 --> 00:24:12,640

around the 20

679

00:24:18,470 --> 00:24:16,240

bottles of water or sand

680

00:24:21,190 --> 00:24:18,480

some had water some had sand they were

681

00:24:22,950 --> 00:24:21,200

randomized so nobody knew what was what

682

00:24:26,390 --> 00:24:22,960

i caught up with one of the diviners

683

00:24:28,149 --> 00:24:26,400

after they'd finished their test

684

00:24:30,070 --> 00:24:28,159

we just had one of diviner finished and

685

00:24:32,310 --> 00:24:30,080

um what did you think of the conditions

686

00:24:33,750 --> 00:24:32,320

today you're happy yeah excellent and i

687

00:24:35,590 --> 00:24:33,760

i saw you going out there it looked like

688

00:24:37,430 --> 00:24:35,600

you were getting some positive uh

689

00:24:39,510 --> 00:24:37,440

feedback so you think you did okay yeah

690

00:24:41,990 --> 00:24:39,520

yeah excellent have you ever taken part

691

00:24:43,990 --> 00:24:42,000

in a divining test before no no no that

692

00:24:45,110 --> 00:24:44,000

first time first time yep all the best

693

00:24:47,190 --> 00:24:45,120

here

694

00:24:49,029 --> 00:24:47,200

best part of an hour into the test the

695

00:24:50,390 --> 00:24:49,039

court is full of diviners and helpers

696

00:24:51,990 --> 00:24:50,400

and skeptics how do you think it's going

697

00:24:53,669 --> 00:24:52,000

steve oh wonderful so we're about half

698

00:24:55,669 --> 00:24:53,679

an hour and there's six or eight

699

00:24:57,190 --> 00:24:55,679

diviners on the court spread evenly over

700

00:24:58,710 --> 00:24:57,200

all the samples

701
00:24:59,909 --> 00:24:58,720
uh they've got a helper with each one's

702
00:25:01,110 --> 00:24:59,919
a film crew i don't really mind it's

703
00:25:02,549 --> 00:25:01,120
going very smoothly it's going very

704
00:25:04,230 --> 00:25:02,559
smooth very smoothly we put a lot of

705
00:25:05,430 --> 00:25:04,240
time into preparing this and organizing

706
00:25:07,029 --> 00:25:05,440
it and um

707
00:25:08,470 --> 00:25:07,039
catering for possible excuses to some

708
00:25:09,990 --> 00:25:08,480
extent they'll come they'll come they'll

709
00:25:12,310 --> 00:25:10,000
come but yeah we've done what we can and

710
00:25:14,630 --> 00:25:12,320
uh in fairness to the diviners it's a

711
00:25:19,510 --> 00:25:14,640
good fair test they get a fair go

712
00:25:23,029 --> 00:25:21,350
one of the interesting things for me

713
00:25:25,350 --> 00:25:23,039

watching this and taking part as a

714

00:25:27,350 --> 00:25:25,360

scrutineer and various other activities

715

00:25:30,870 --> 00:25:27,360

was to see the different methods water

716

00:25:33,269 --> 00:25:30,880

diviners used in order to detect water

717

00:25:34,789 --> 00:25:33,279

when you use the traditional wire pole

718

00:25:37,269 --> 00:25:34,799

bent wire rod

719

00:25:39,590 --> 00:25:37,279

some use sticks some use many sticks

720

00:25:42,549 --> 00:25:39,600

one guy used a cricket ball on the end

721

00:25:45,990 --> 00:25:42,559

of a long bit of string rocking back and

722

00:25:47,750 --> 00:25:46,000

forth another man used a six-sided dice

723

00:25:49,669 --> 00:25:47,760

on the end of a string i think it was

724

00:25:51,669 --> 00:25:49,679

made out of the dust is made out of

725

00:25:53,029 --> 00:25:51,679

brass or something like that

726
00:25:57,590 --> 00:25:53,039
as a pendulum

727
00:25:58,789 --> 00:25:57,600
all sorts of things going on

728
00:26:00,390 --> 00:25:58,799
well i'm on the

729
00:26:02,070 --> 00:26:00,400
the court now

730
00:26:03,990 --> 00:26:02,080
there's about

731
00:26:06,950 --> 00:26:04,000
three left in

732
00:26:08,830 --> 00:26:06,960
this round three to water diviners left

733
00:26:11,190 --> 00:26:08,840
i just don't want to disturb their

734
00:26:13,110 --> 00:26:11,200
concentration so each diviner is walking

735
00:26:13,909 --> 00:26:13,120
around putting their dividing rods over

736
00:26:15,110 --> 00:26:13,919
the

737
00:26:16,549 --> 00:26:15,120
uh

738
00:26:17,990 --> 00:26:16,559

bottle of water which is covered with a

739

00:26:19,430 --> 00:26:18,000

bag so we don't know whether the water

740

00:26:21,430 --> 00:26:19,440

has sand or

741

00:26:22,230 --> 00:26:21,440

we don't know if the bag the box the

742

00:26:24,310 --> 00:26:22,240

bottle

743

00:26:25,830 --> 00:26:24,320

has sand or water

744

00:26:27,750 --> 00:26:25,840

and right now a diviner has got his

745

00:26:29,269 --> 00:26:27,760

divining rod over a bag and he's just

746

00:26:31,190 --> 00:26:29,279

concentrating

747

00:26:33,029 --> 00:26:31,200

and he'll tell the scrutineer

748

00:26:36,710 --> 00:26:33,039

what it is

749

00:26:38,950 --> 00:26:36,720

sandy says and that was number 19.

750

00:26:39,909 --> 00:26:38,960

so pretty soon

751
00:26:44,470 --> 00:26:39,919
uh

752
00:26:46,789 --> 00:26:44,480
will reveal the contents of all the

753
00:26:47,750 --> 00:26:46,799
boxes and the bottles

754
00:26:49,909 --> 00:26:47,760
and uh

755
00:26:51,510 --> 00:26:49,919
see who scored what

756
00:26:53,269 --> 00:26:51,520
you see there it isn't so we have

757
00:26:54,549 --> 00:26:53,279
another another diviner who's finished

758
00:26:55,669 --> 00:26:54,559
what did you think of the conditions out

759
00:26:57,830 --> 00:26:55,679
there today

760
00:26:59,990 --> 00:26:57,840
oh not too bad there is actually water

761
00:27:01,190 --> 00:27:00,000
underneath those um

762
00:27:03,190 --> 00:27:01,200
under the ground here because it's all

763
00:27:08,950 --> 00:27:03,200

riverbed right more soaks and riverbeds

764

00:27:12,710 --> 00:27:11,190

so i knew pretty well where they were

765

00:27:13,830 --> 00:27:12,720

but things might back away from the

766

00:27:15,669 --> 00:27:13,840

sample

767

00:27:17,110 --> 00:27:15,679

and move to one side and there's every

768

00:27:18,789 --> 00:27:17,120

likelihood that

769

00:27:19,990 --> 00:27:18,799

i'll pick they uh

770

00:27:21,510 --> 00:27:20,000

i'll pick the

771

00:27:23,110 --> 00:27:21,520

soak or the stream that's causing it

772

00:27:24,310 --> 00:27:23,120

right cause the aberration little

773

00:27:26,149 --> 00:27:24,320

generally speaking do you think you've

774

00:27:27,269 --> 00:27:26,159

got a good reaction on the the samples

775

00:27:28,870 --> 00:27:27,279

that were water

776

00:27:30,230 --> 00:27:28,880

yeah yeah but

777

00:27:31,510 --> 00:27:30,240

it's not sort of the

778

00:27:34,470 --> 00:27:31,520

sort of thing we're looking for when

779

00:27:36,230 --> 00:27:34,480

we're dividing a stagnant water

780

00:27:38,149 --> 00:27:36,240

did you have any problems with the the

781

00:27:39,669 --> 00:27:38,159

calibration ones where you no no no

782

00:27:41,029 --> 00:27:39,679

because the

783

00:27:43,029 --> 00:27:41,039

wire will just pick them up and just

784

00:27:45,350 --> 00:27:43,039

rotate around it but the thing is it

785

00:27:47,830 --> 00:27:45,360

will do the same thing to minerals okay

786

00:27:49,669 --> 00:27:47,840

so that's why i'm actually using the

787

00:27:51,430 --> 00:27:49,679

that one as well you've got what's this

788

00:27:53,269 --> 00:27:51,440

one here it's that looks very green a

789

00:27:54,630 --> 00:27:53,279

green fork sticker

790

00:27:56,149 --> 00:27:54,640

willow okay that's right because it

791

00:27:57,990 --> 00:27:56,159

won't break if you know the sticks

792

00:27:58,870 --> 00:27:58,000

you've got over there

793

00:28:01,669 --> 00:27:58,880

oh

794

00:28:03,669 --> 00:28:01,679

the dry ones old ones yeah

795

00:28:05,269 --> 00:28:03,679

i reckon i can break those yeah and this

796

00:28:07,029 --> 00:28:05,279

one's this one's really flexible yeah

797

00:28:08,950 --> 00:28:07,039

yeah willow is very flexible gum tree

798

00:28:10,230 --> 00:28:08,960

will shatter yeah if you get a good

799

00:28:11,510 --> 00:28:10,240

heavy er

800

00:28:13,350 --> 00:28:11,520

good stream

801
00:28:15,510 --> 00:28:13,360
the gum tree will pull around trying to

802
00:28:17,350 --> 00:28:15,520
curl itself around in a circle and in

803
00:28:20,149 --> 00:28:17,360
the process it'll break because it's not

804
00:28:21,590 --> 00:28:20,159
very good under tension wow

805
00:28:24,230 --> 00:28:21,600
i'd like to see that that must be

806
00:28:25,590 --> 00:28:24,240
spectacular yeah yeah i can do it

807
00:28:26,870 --> 00:28:25,600
but i can

808
00:28:28,789 --> 00:28:26,880
i tried a couple of those but yet

809
00:28:34,870 --> 00:28:28,799
they're a very brittle piece of yeah i

810
00:28:39,590 --> 00:28:37,190
just to upset somebody oh well i can see

811
00:28:40,870 --> 00:28:39,600
it's uh in full swing so uh yeah thanks

812
00:28:41,990 --> 00:28:40,880
and

813
00:28:42,789 --> 00:28:42,000

it shouldn't take too much longer but

814

00:28:45,029 --> 00:28:42,799

thank you

815

00:28:47,029 --> 00:28:45,039

we can scatter them around again and

816

00:28:48,070 --> 00:28:47,039

have another go yeah

817

00:28:49,590 --> 00:28:48,080

all the best

818

00:28:51,269 --> 00:28:49,600

no it's a lot

819

00:28:53,669 --> 00:28:51,279

finally after a couple of hours the

820

00:28:55,990 --> 00:28:53,679

first round was over

821

00:28:58,789 --> 00:28:56,000

skeptics went on to the tennis court and

822

00:29:00,470 --> 00:28:58,799

took out all the bottles from their bags

823

00:29:02,230 --> 00:29:00,480

and laid them on top of the tennis court

824

00:29:05,430 --> 00:29:02,240

so everybody could see

825

00:29:07,350 --> 00:29:05,440

which had water and which had sand

826
00:29:09,669 --> 00:29:07,360
after that all the water diviners

827
00:29:11,510 --> 00:29:09,679
hurried onto the course to check their

828
00:29:13,269 --> 00:29:11,520
scores

829
00:29:15,110 --> 00:29:13,279
so it's all over for the first round

830
00:29:17,510 --> 00:29:15,120
anyway and you're going around now

831
00:29:19,510 --> 00:29:17,520
double checking uh since we've revealed

832
00:29:20,470 --> 00:29:19,520
where everything is how are you going so

833
00:29:26,310 --> 00:29:20,480
far

834
00:29:27,669 --> 00:29:26,320
improve on the last bit so you've

835
00:29:28,789 --> 00:29:27,679
checked about half of them now and yeah

836
00:29:30,630 --> 00:29:28,799
we're wandering around and we can

837
00:29:33,029 --> 00:29:30,640
clearly see water or sand and water or

838
00:29:34,230 --> 00:29:33,039

sand yes and but i i couldn't help but

839

00:29:35,750 --> 00:29:34,240

overhearing you just want to beat your

840

00:29:37,190 --> 00:29:35,760

husband is that right that's exactly

841

00:29:39,269 --> 00:29:37,200

right

842

00:29:41,430 --> 00:29:39,279

we're a bit competitive let's see yeah

843

00:29:42,549 --> 00:29:41,440

well you never know you might yeah

844

00:29:46,630 --> 00:29:42,559

i'd like to

845

00:29:51,190 --> 00:29:49,110

at the scrutineers table steve roberts

846

00:29:53,190 --> 00:29:51,200

how is it going oh pretty good somebody

847

00:29:55,350 --> 00:29:53,200

got 13 but i mean that's what you expect

848

00:29:58,389 --> 00:29:55,360

at random if you test enough people

849

00:30:01,510 --> 00:29:58,399

so we've got a 12 12 8 and 13 so so far

850

00:30:02,549 --> 00:30:01,520

yeah i'm just just copying the marks out

851

00:30:03,830 --> 00:30:02,559

and they're gonna

852

00:30:05,750 --> 00:30:03,840

they're all having to go on the court

853

00:30:07,590 --> 00:30:05,760

we're gonna set the samples out again

854

00:30:08,789 --> 00:30:07,600

actually fairly soon when they're when

855

00:30:10,389 --> 00:30:08,799

they finished on the court and they're

856

00:30:12,149 --> 00:30:10,399

at peace you know we'll

857

00:30:14,950 --> 00:30:12,159

sweep them all up and um samples out

858

00:30:16,870 --> 00:30:14,960

again carry on thank you you know

859

00:30:18,470 --> 00:30:16,880

well the scores have been tallied at the

860

00:30:19,909 --> 00:30:18,480

end of the first round

861

00:30:23,269 --> 00:30:19,919

and i note that

862

00:30:26,470 --> 00:30:23,279

two out of 16 got a score of 13 out of

863

00:30:27,350 --> 00:30:26,480

20. the rest are ranging from

864

00:30:32,549 --> 00:30:27,360

there's a

865

00:30:34,470 --> 00:30:32,559

7 8 9 10 11 12 and 13 and very evenly

866

00:30:36,950 --> 00:30:34,480

very evenly distributed

867

00:30:37,830 --> 00:30:36,960

we're just going to make up a bell curve

868

00:30:41,669 --> 00:30:37,840

and

869

00:30:45,750 --> 00:30:43,669

well once the results were put up on the

870

00:30:47,750 --> 00:30:45,760

board for all to see the diviners took

871

00:30:50,070 --> 00:30:47,760

great interest in this

872

00:30:52,789 --> 00:30:50,080

and they could also see that nobody had

873

00:30:54,549 --> 00:30:52,799

got even close to uh showing any

874

00:30:56,789 --> 00:30:54,559

divining ability

875

00:30:59,990 --> 00:30:56,799

i'm pleased to say most of them

876

00:31:01,350 --> 00:31:00,000

took it here very well and decided to

877

00:31:04,870 --> 00:31:01,360

have another go

878

00:31:07,029 --> 00:31:04,880

in the next round

879

00:31:09,190 --> 00:31:07,039

and now it's round two and once again we

880

00:31:11,430 --> 00:31:09,200

venture on to this

881

00:31:13,590 --> 00:31:11,440

country tennis court or netball court

882

00:31:15,669 --> 00:31:13,600

it's been turned into

883

00:31:17,190 --> 00:31:15,679

and a lot of diviners are back for a

884

00:31:19,350 --> 00:31:17,200

second ago a lot of new diviners have

885

00:31:21,590 --> 00:31:19,360

showed up this afternoon

886

00:31:22,710 --> 00:31:21,600

and there's about six or seven on the

887

00:31:25,110 --> 00:31:22,720

court at the moment with their

888

00:31:27,110 --> 00:31:25,120

scrutineers walking around concentrating

889

00:31:30,149 --> 00:31:27,120

this lady's using a fork stick a classic

890

00:31:32,470 --> 00:31:30,159

fork stick too women are one woman has a

891

00:31:35,029 --> 00:31:32,480

like a bent coat hanger i think another

892

00:31:36,549 --> 00:31:35,039

guy over there's got two metal rods

893

00:31:38,630 --> 00:31:36,559

what's this person over here is a little

894

00:31:40,789 --> 00:31:38,640

boy here with two metal rods

895

00:31:42,470 --> 00:31:40,799

and another diviner with two metal rods

896

00:31:44,710 --> 00:31:42,480

so we're getting a bit of a

897

00:31:46,389 --> 00:31:44,720

getting a bit of a mixture today

898

00:31:48,149 --> 00:31:46,399

there wasn't

899

00:31:50,070 --> 00:31:48,159

too much complaining about the results

900

00:31:52,870 --> 00:31:50,080

of the first trial although somebody

901
00:31:54,149 --> 00:31:52,880
said that uh if the sand has water in it

902
00:31:55,669 --> 00:31:54,159
then that would throw off his water

903
00:31:58,310 --> 00:31:55,679
divining ability to be honest we're

904
00:32:04,070 --> 00:31:58,320
expecting to hear some interesting uh

905
00:32:08,710 --> 00:32:06,310
i was delighted to see dr chrissy wilson

906
00:32:11,990 --> 00:32:08,720
the roving reporter for the skeptic zone

907
00:32:13,990 --> 00:32:12,000
turn up to look at the tests and she did

908
00:32:15,830 --> 00:32:14,000
a lot of the publicity a lot of the

909
00:32:20,230 --> 00:32:15,840
media work in promoting the mighty

910
00:32:26,310 --> 00:32:24,630
chrissy wilson hello richard hello

911
00:32:27,430 --> 00:32:26,320
it's so hot out here it is it's getting

912
00:32:29,110 --> 00:32:27,440
hotter and hotter actually come back

913
00:32:30,470 --> 00:32:29,120

here into the shade

914

00:32:32,389 --> 00:32:30,480

now you've been having a chat with some

915

00:32:35,110 --> 00:32:32,399

of the um the vines what have they been

916

00:32:38,149 --> 00:32:35,120

telling you the whiners did you say

917

00:32:41,909 --> 00:32:40,310

you said whiners i said

918

00:32:44,310 --> 00:32:41,919

um folks you can play it back and hear

919

00:32:46,230 --> 00:32:44,320

it yourself yeah um yeah we've they've

920

00:32:47,990 --> 00:32:46,240

had two guys now

921

00:32:49,029 --> 00:32:48,000

and um some of them

922

00:32:52,630 --> 00:32:49,039

have

923

00:32:54,070 --> 00:32:52,640

expressed to me some reasons why

924

00:32:55,750 --> 00:32:54,080

they haven't done as well as they

925

00:32:59,029 --> 00:32:55,760

thought they would do

926

00:33:00,950 --> 00:32:59,039

apparently there's minerals in sand

927

00:33:02,149 --> 00:33:00,960

and the rods are picking up the minerals

928

00:33:04,870 --> 00:33:02,159

in the sand

929

00:33:06,310 --> 00:33:04,880

so we should have used flour flour yeah

930

00:33:07,830 --> 00:33:06,320

apparently that's that's where we've

931

00:33:10,389 --> 00:33:07,840

gone wrong

932

00:33:12,230 --> 00:33:10,399

so we should have had flour um but i've

933

00:33:14,470 --> 00:33:12,240

got to say i mean they're all

934

00:33:17,029 --> 00:33:14,480

very sincere people they're not here to

935

00:33:19,350 --> 00:33:17,039

make a fast buck they're not they're not

936

00:33:20,230 --> 00:33:19,360

you know charlatans they are genuinely

937

00:33:22,070 --> 00:33:20,240

smart

938

00:33:24,789 --> 00:33:22,080

i get an impression absolutely and take

939

00:33:26,470 --> 00:33:24,799

it very very seriously very seriously

940

00:33:27,669 --> 00:33:26,480

and we can we're seeing half the court

941

00:33:29,750 --> 00:33:27,679

at the moment as we speak from this

942

00:33:31,509 --> 00:33:29,760

little vantage point and look at him go

943

00:33:33,430 --> 00:33:31,519

look at him concentration he's stepping

944

00:33:35,269 --> 00:33:33,440

out yeah that tap in the far corner

945

00:33:36,549 --> 00:33:35,279

though that's that's andy i spoke to him

946

00:33:39,590 --> 00:33:36,559

a couple of times

947

00:33:41,509 --> 00:33:39,600

lovely bloke actually very genuine um

948

00:33:43,830 --> 00:33:41,519

and your mum had a gun and my mum had to

949

00:33:46,870 --> 00:33:43,840

go i'm terrified she's gonna get like

950

00:33:48,230 --> 00:33:46,880

18 or 20 19 out of 20. she was holding

951
00:33:49,909 --> 00:33:48,240
up proceedings though because she was

952
00:33:53,029 --> 00:33:49,919
gen this is embarrassing but she was

953
00:33:57,269 --> 00:33:53,039
genuinely genuinely waiting to get a

954
00:34:01,590 --> 00:34:00,149
just guess that's not real

955
00:34:03,430 --> 00:34:01,600
but yeah it's going to be hilarious if

956
00:34:04,950 --> 00:34:03,440
it turns out that she's gone

957
00:34:07,190 --> 00:34:04,960
good school that would be that would be

958
00:34:09,510 --> 00:34:07,200
lady but it's a fantastically successful

959
00:34:11,589 --> 00:34:09,520
event oh it's wonderful the only

960
00:34:13,030 --> 00:34:11,599
brilliant job thing is it's just hot

961
00:34:14,310 --> 00:34:13,040
it's really hot outside and it's a lot

962
00:34:15,669 --> 00:34:14,320
of heat coming off the tennis court so

963
00:34:16,710 --> 00:34:15,679

i'm running around making sure skeptics

964

00:34:19,109 --> 00:34:16,720

have got the

965

00:34:20,869 --> 00:34:19,119

water and sunscreen on well maybe all

966

00:34:22,629 --> 00:34:20,879

this added moisture is going to be

967

00:34:24,470 --> 00:34:22,639

interfering with

968

00:34:27,909 --> 00:34:24,480

ideas

969

00:34:29,909 --> 00:34:27,919

we've been running in rivers of sweat

970

00:34:32,149 --> 00:34:29,919

maybe that's going to be a

971

00:34:37,349 --> 00:34:32,159

confounding variable in the results here

972

00:34:42,389 --> 00:34:39,909

what you can hear now is me

973

00:34:44,629 --> 00:34:42,399

marking some of the scorecards crosses

974

00:34:46,950 --> 00:34:44,639

or ticks either they got it right or

975

00:34:55,829 --> 00:34:46,960

they got it wrong this process went on

976

00:34:59,430 --> 00:34:57,430

after looking at the scores from the

977

00:35:03,990 --> 00:34:59,440

second round i had a word to our

978

00:35:07,510 --> 00:35:05,750

we should move into the shade guys let's

979

00:35:08,710 --> 00:35:07,520

move into the shady and bryson i just

980

00:35:11,349 --> 00:35:08,720

noticed that

981

00:35:13,270 --> 00:35:11,359

you were looking at the histogram

982

00:35:14,630 --> 00:35:13,280

and it's more or less

983

00:35:16,950 --> 00:35:14,640

going along the lines of the classic

984

00:35:19,349 --> 00:35:16,960

bell curve wouldn't you say yes it is

985

00:35:21,030 --> 00:35:19,359

the highest point is nine which is very

986

00:35:22,230 --> 00:35:21,040

close to ten within statistical

987

00:35:23,990 --> 00:35:22,240

variation

988

00:35:25,270 --> 00:35:24,000

and the first round we colored in in

989

00:35:26,630 --> 00:35:25,280

black in the second round we cover

990

00:35:28,310 --> 00:35:26,640

colored in in red

991

00:35:30,069 --> 00:35:28,320

and you can see that the more points we

992

00:35:31,829 --> 00:35:30,079

get the more it approximates to a bell

993

00:35:34,950 --> 00:35:31,839

curve it's looking that way the highest

994

00:35:36,710 --> 00:35:34,960

score so far is 15 which is

995

00:35:38,310 --> 00:35:36,720

interesting but still within what you

996

00:35:39,910 --> 00:35:38,320

would expect given the more and more

997

00:35:41,589 --> 00:35:39,920

contestants we have coming through

998

00:35:43,750 --> 00:35:41,599

that's right yes

999

00:35:44,790 --> 00:35:43,760

it's not that easy to explain to someone

1000

00:35:46,550 --> 00:35:44,800

that although they've got the highest

1001
00:35:47,589 --> 00:35:46,560
score on the day it's still below chance

1002
00:35:49,030 --> 00:35:47,599
because they want to go home saying

1003
00:35:51,109 --> 00:35:49,040
they're the champion diviner who

1004
00:35:52,630 --> 00:35:51,119
admitted

1005
00:35:54,310 --> 00:35:52,640
it's a fairly difficult one to answer

1006
00:35:55,829 --> 00:35:54,320
roughly how many people have we had food

1007
00:35:58,550 --> 00:35:55,839
can you remember how many people have we

1008
00:36:00,790 --> 00:35:58,560
had do we know 16 and 20

1009
00:36:02,310 --> 00:36:00,800
roughly speaking so 36 today but they've

1010
00:36:04,550 --> 00:36:02,320
been repeats

1011
00:36:06,470 --> 00:36:04,560
oh well yes half of the second group i'd

1012
00:36:08,150 --> 00:36:06,480
say we're repeating another goal and

1013
00:36:09,510 --> 00:36:08,160

we're waiting now for a little break and

1014

00:36:10,870 --> 00:36:09,520

then we'll have another round yes

1015

00:36:12,470 --> 00:36:10,880

looking forward and i can see the box

1016

00:36:16,470 --> 00:36:12,480

the the bottles are already laid out

1017

00:36:22,390 --> 00:36:19,190

i caught up with an interesting diviner

1018

00:36:23,829 --> 00:36:22,400

who uh earlier in the day had defined

1019

00:36:24,870 --> 00:36:23,839

diet coke

1020

00:36:29,430 --> 00:36:24,880

hmm

1021

00:36:34,310 --> 00:36:31,910

i'm with the water diviner here who

1022

00:36:36,870 --> 00:36:34,320

divine's diet coke is that true

1023

00:36:38,550 --> 00:36:36,880

well every object has a serial number

1024

00:36:40,550 --> 00:36:38,560

and i'm not too sure what we came up

1025

00:36:43,270 --> 00:36:40,560

with what was the lorry

1026
00:36:44,230 --> 00:36:43,280
cake was about 17. i remember 17 what's

1027
00:36:50,230 --> 00:36:44,240
water

1028
00:36:52,069 --> 00:36:50,240
uh copper

1029
00:36:54,790 --> 00:36:52,079
so you can't really get them confused

1030
00:36:57,030 --> 00:36:54,800
because then at the end of the rotations

1031
00:36:58,710 --> 00:36:57,040
it pulls in a different direction

1032
00:37:00,150 --> 00:36:58,720
because water is a different direction

1033
00:37:02,310 --> 00:37:00,160
to copper that's how you distinguish

1034
00:37:04,870 --> 00:37:02,320
them all right so and you had to go out

1035
00:37:06,790 --> 00:37:04,880
here earlier today or only one or twice

1036
00:37:08,870 --> 00:37:06,800
i've had two guys who knows right how

1037
00:37:11,270 --> 00:37:08,880
did you go not all that successful i'm

1038
00:37:12,069 --> 00:37:11,280

not used to a combined uh

1039

00:37:13,270 --> 00:37:12,079

you know

1040

00:37:16,230 --> 00:37:13,280

space but

1041

00:37:17,589 --> 00:37:16,240

in the open areas where i um divine over

1042

00:37:19,430 --> 00:37:17,599

large acres

1043

00:37:21,349 --> 00:37:19,440

i do a lot of map dividing between

1044

00:37:22,550 --> 00:37:21,359

states even and then go to the site and

1045

00:37:24,950 --> 00:37:22,560

do the

1046

00:37:27,829 --> 00:37:24,960

survey on site which would take an hour

1047

00:37:31,430 --> 00:37:29,589

that's when the

1048

00:37:33,910 --> 00:37:31,440

pendulum comes in handy because then you

1049

00:37:36,150 --> 00:37:33,920

can then find whether there is water

1050

00:37:37,670 --> 00:37:36,160

underneath if it doesn't spin seven

1051
00:37:39,589 --> 00:37:37,680
times and

1052
00:37:40,950 --> 00:37:39,599
pull north west well there's no water

1053
00:37:42,310 --> 00:37:40,960
under there

1054
00:37:43,750 --> 00:37:42,320
do you learn something new every day

1055
00:37:47,589 --> 00:37:43,760
well i wish you the best of luck in this

1056
00:37:51,910 --> 00:37:49,829
a lovely young lady diviner here and i

1057
00:37:53,510 --> 00:37:51,920
saw you out there earlier

1058
00:37:56,150 --> 00:37:53,520
trying your luck uh how do you think you

1059
00:37:58,710 --> 00:37:56,160
went um i think i did pretty good i was

1060
00:38:00,310 --> 00:37:58,720
just getting a vibe so i wrote down what

1061
00:38:02,390 --> 00:38:00,320
i felt three years

1062
00:38:05,270 --> 00:38:02,400
ago yeah you're feeling pretty confident

1063
00:38:07,270 --> 00:38:05,280

um yeah i guess so it's my first time

1064

00:38:08,630 --> 00:38:07,280

doing it so

1065

00:38:09,829 --> 00:38:08,640

you're very interested to see and your

1066

00:38:12,390 --> 00:38:09,839

friends are having a sneaker over there

1067

00:38:15,430 --> 00:38:12,400

have you tried it yeah i have yeah and

1068

00:38:16,790 --> 00:38:15,440

how do you think you went okay yeah hey

1069

00:38:18,230 --> 00:38:16,800

it's very exciting i can't wait to see

1070

00:38:21,430 --> 00:38:18,240

what the results are and are you gonna

1071

00:38:22,230 --> 00:38:21,440

try it um no i just watched them really

1072

00:38:24,230 --> 00:38:22,240

so

1073

00:38:26,390 --> 00:38:24,240

i think they did pretty good

1074

00:38:28,150 --> 00:38:26,400

so yeah all right well we'll all know

1075

00:38:30,870 --> 00:38:28,160

the scores pretty soon so good luck to

1076

00:38:34,550 --> 00:38:32,870

after the next round i went out on the

1077

00:38:37,510 --> 00:38:34,560

court and caught up with yet more

1078

00:38:40,470 --> 00:38:37,520

diviners as they were checking their own

1079

00:38:44,150 --> 00:38:41,990

well folks so you had a big check of

1080

00:38:47,670 --> 00:38:44,160

your scores how did you go this time

1081

00:38:49,349 --> 00:38:47,680

worse oh how did you go do you

1082

00:38:51,430 --> 00:38:49,359

just checking now

1083

00:38:53,829 --> 00:38:51,440

nine nine okay and

1084

00:38:56,150 --> 00:38:53,839

yourself twelve twelve okay we're all

1085

00:38:57,910 --> 00:38:56,160

around the the middle mark at the moment

1086

00:39:01,190 --> 00:38:57,920

but it's a pretty it's a mighty hot day

1087

00:39:03,030 --> 00:39:01,200

for a mighty mid-master i must say

1088

00:39:04,790 --> 00:39:03,040

but i hope you had a fun today they're

1089

00:39:08,150 --> 00:39:04,800

just debating now whether to hold one

1090

00:39:10,310 --> 00:39:08,160

final one but we'll see we'll see

1091

00:39:11,589 --> 00:39:10,320

but as yet and i don't know because i

1092

00:39:14,470 --> 00:39:11,599

don't know all the final scores we

1093

00:39:16,310 --> 00:39:14,480

haven't found somebody yet who can um uh

1094

00:39:18,150 --> 00:39:16,320

get that magic number of 18 to pass the

1095

00:39:20,470 --> 00:39:18,160

test but uh

1096

00:39:21,829 --> 00:39:20,480

better check across there

1097

00:39:23,670 --> 00:39:21,839

i keep picking up a water pipe under

1098

00:39:25,670 --> 00:39:23,680

there and that throws you out

1099

00:39:28,470 --> 00:39:25,680

but if you know it's there can you sort

1100

00:39:30,550 --> 00:39:28,480

of yeah

1101

00:39:33,030 --> 00:39:30,560

well i think that laurie smith one of

1102

00:39:34,790 --> 00:39:33,040

the organizers has a um radar ground

1103

00:39:36,550 --> 00:39:34,800

radar image of this whole tennis court

1104

00:39:38,230 --> 00:39:36,560

yeah and i don't think there's a pipe

1105

00:39:40,230 --> 00:39:38,240

but you'll have to check with him yeah

1106

00:39:44,150 --> 00:39:40,240

right there okay

1107

00:39:47,910 --> 00:39:46,230

after the third and final round of

1108

00:39:51,030 --> 00:39:47,920

testing was complete

1109

00:39:53,349 --> 00:39:51,040

and the scores indicated that nobody had

1110

00:39:54,550 --> 00:39:53,359

in fact reached the magical level of 18

1111

00:39:56,470 --> 00:39:54,560

out of 20

1112

00:39:58,710 --> 00:39:56,480

i found another diviner

1113

00:40:01,270 --> 00:39:58,720

and asked him why he thought the scores

1114

00:40:02,950 --> 00:40:01,280

were so bad

1115

00:40:05,270 --> 00:40:02,960

i might have a quick word with if i may

1116

00:40:06,230 --> 00:40:05,280

so the binding test is all over

1117

00:40:09,190 --> 00:40:06,240

how

1118

00:40:11,270 --> 00:40:09,200

there were lots and lots and lots of

1119

00:40:13,030 --> 00:40:11,280

diviners here

1120

00:40:14,790 --> 00:40:13,040

how could all these diviners

1121

00:40:16,710 --> 00:40:14,800

fail on the day do you have any any

1122

00:40:19,430 --> 00:40:16,720

thoughts on that

1123

00:40:22,870 --> 00:40:19,440

a couple of things

1124

00:40:25,990 --> 00:40:22,880

the sands seem to be

1125

00:40:28,069 --> 00:40:26,000

picking up as if it was damp so it was

1126

00:40:29,829 --> 00:40:28,079

picking up uh

1127

00:40:31,829 --> 00:40:29,839

it was putting people off a bit because

1128

00:40:34,390 --> 00:40:31,839

the sand was dead

1129

00:40:35,670 --> 00:40:34,400

uh for some reason i don't know why

1130

00:40:37,190 --> 00:40:35,680

uh there

1131

00:40:39,030 --> 00:40:37,200

and

1132

00:40:41,109 --> 00:40:39,040

that was one thing that most diviners

1133

00:40:43,750 --> 00:40:41,119

said that the the damp sand in the

1134

00:40:46,630 --> 00:40:43,760

bottle seemed to be picking up

1135

00:40:49,030 --> 00:40:46,640

that it shouldn't be picking up

1136

00:40:54,069 --> 00:40:51,910

well well and another reason why it's

1137

00:40:57,030 --> 00:40:54,079

very hard to divine water that's still

1138

00:40:58,790 --> 00:40:57,040

because water a divining is a water

1139

00:41:01,349 --> 00:40:58,800

where the electricity is in your body

1140

00:41:03,030 --> 00:41:01,359

and electricity is running

1141

00:41:06,230 --> 00:41:03,040

and you're picking it up

1142

00:41:08,230 --> 00:41:06,240

the water is running and the and and

1143

00:41:10,470 --> 00:41:08,240

your rod and your electricity and your

1144

00:41:12,309 --> 00:41:10,480

body works that way so if there was a

1145

00:41:13,589 --> 00:41:12,319

test with running water instead of still

1146

00:41:15,990 --> 00:41:13,599

water you'd think you'd have a better

1147

00:41:16,950 --> 00:41:16,000

shot at it i think so

1148

00:41:18,470 --> 00:41:16,960

yeah

1149

00:41:20,550 --> 00:41:18,480

okay but there's nothing wrong with this

1150

00:41:23,270 --> 00:41:20,560

this was a real good test and you could

1151
00:41:26,950 --> 00:41:23,280
have it again oh yeah there's no problem

1152
00:41:28,390 --> 00:41:26,960
thanks very much yeah thank you

1153
00:41:30,150 --> 00:41:28,400
me and bryce i don't know about you but

1154
00:41:32,069 --> 00:41:30,160
i'm ready to jump into a cold swimming

1155
00:41:33,750 --> 00:41:32,079
pool or a river but we're looking at the

1156
00:41:36,309 --> 00:41:33,760
final results let's have a look at this

1157
00:41:38,309 --> 00:41:36,319
histogram and what can you tell me

1158
00:41:39,510 --> 00:41:38,319
okay great we have a histogram here

1159
00:41:41,190 --> 00:41:39,520
which shows the

1160
00:41:42,870 --> 00:41:41,200
number of times each particular result

1161
00:41:45,990 --> 00:41:42,880
came up for example the most common

1162
00:41:49,190 --> 00:41:46,000
result was 9 out of 20

1163
00:41:50,710 --> 00:41:49,200

and that occurred about 18 times 19

1164

00:41:52,950 --> 00:41:50,720

times

1165

00:41:56,630 --> 00:41:52,960

and the next was 8 out of 20 and 10 out

1166

00:41:58,390 --> 00:41:56,640

of 20. so with the perfectly average

1167

00:41:59,910 --> 00:41:58,400

statistical batch we would expect 10 out

1168

00:42:02,630 --> 00:41:59,920

of 20. so it's very close to that it's

1169

00:42:04,069 --> 00:42:02,640

very close to that and so most people

1170

00:42:06,790 --> 00:42:04,079

got slightly under what chance would

1171

00:42:08,790 --> 00:42:06,800

predict but we have uh the highest score

1172

00:42:09,829 --> 00:42:08,800

in the day was 16 this time yeah 16 out

1173

00:42:11,349 --> 00:42:09,839

of 20

1174

00:42:13,190 --> 00:42:11,359

which is quite possible according to

1175

00:42:15,430 --> 00:42:13,200

chance where you've got 50 odd

1176

00:42:17,349 --> 00:42:15,440

competitors indeed you would expect some

1177

00:42:18,790 --> 00:42:17,359

around 600 and of course the lowest was

1178

00:42:20,550 --> 00:42:18,800

six so it's sort of

1179

00:42:22,790 --> 00:42:20,560

it's more or less what we'd expect to

1180

00:42:24,710 --> 00:42:22,800

see yes so the null hypothesis

1181

00:42:27,190 --> 00:42:24,720

is not disproven unfortunately science

1182

00:42:28,870 --> 00:42:27,200

often talks in double negatives but

1183

00:42:31,270 --> 00:42:28,880

the null hypothesis survives in other

1184

00:42:33,829 --> 00:42:31,280

words the assumption that only

1185

00:42:35,829 --> 00:42:33,839

statistics is operating and no actual

1186

00:42:36,630 --> 00:42:35,839

mysterious force on the divining rod

1187

00:42:39,030 --> 00:42:36,640

that

1188

00:42:41,190 --> 00:42:39,040

test survives today survives today

1189

00:42:41,990 --> 00:42:41,200

survives to be tested another day thank

1190

00:42:45,829 --> 00:42:42,000

you

1191

00:42:48,470 --> 00:42:45,839

and then it was all over in fact there

1192

00:42:50,390 --> 00:42:48,480

were hardly any water diviners left to

1193

00:42:52,470 --> 00:42:50,400

look at the results at the end of the

1194

00:42:53,510 --> 00:42:52,480

day i think they knew what they were

1195

00:42:55,030 --> 00:42:53,520

going to be

1196

00:42:57,589 --> 00:42:55,040

i want to thank all the people who took

1197

00:43:00,550 --> 00:42:57,599

part all the volunteers from new south

1198

00:43:02,150 --> 00:43:00,560

wales in victoria a big thank you to

1199

00:43:04,390 --> 00:43:02,160

laurie and eden smith for their

1200

00:43:06,309 --> 00:43:04,400

wonderful hospitality big thank you to

1201

00:43:07,990 --> 00:43:06,319

dr chrissy wilson

1202

00:43:09,670 --> 00:43:08,000

for the wonderful work she did in

1203

00:43:11,990 --> 00:43:09,680

promoting the event

1204

00:43:15,030 --> 00:43:12,000

steve roberts skeptical steve roberts

1205

00:43:16,790 --> 00:43:15,040

who did the protocol and and was on hand

1206

00:43:19,030 --> 00:43:16,800

during the course of the day to make

1207

00:43:21,589 --> 00:43:19,040

sure everything ran smoothly martin

1208

00:43:24,309 --> 00:43:21,599

hadley for his work at the official

1209

00:43:26,390 --> 00:43:24,319

check-in desk and so many other skeptics

1210

00:43:27,589 --> 00:43:26,400

who helped out during the course of the

1211

00:43:31,750 --> 00:43:27,599

day

1212

00:43:35,829 --> 00:43:31,760

with a wonderful barbecue at the home of

1213

00:43:39,430 --> 00:43:38,069

it's all over we're here back at the

1214

00:43:41,589 --> 00:43:39,440

house of

1215

00:43:43,190 --> 00:43:41,599

yes russell and robin kelly the skeptics

1216

00:43:45,430 --> 00:43:43,200

have gathered around we've had our uh

1217

00:43:46,870 --> 00:43:45,440

steaks and sausages and fried potatoes

1218

00:43:48,069 --> 00:43:46,880

and all sorts of things and we're

1219

00:43:49,510 --> 00:43:48,079

cooking chicken wings and they're

1220

00:43:51,910 --> 00:43:49,520

cooking chicken wings but at last we can

1221

00:43:56,790 --> 00:43:51,920

celebrate a successful divining day

1222

00:44:03,510 --> 00:43:58,150

they don't clean they're made out of

1223

00:44:08,950 --> 00:44:06,230

oh thank you thank you

1224

00:44:11,710 --> 00:44:08,960

more detailed results of the test will

1225

00:44:16,710 --> 00:44:13,829

www.skeptics.com in the near future when

1226

00:44:18,230 --> 00:44:16,720

we sort out all the statistics

1227

00:44:20,870 --> 00:44:18,240

we look forward to the next series of

1228

00:44:26,550 --> 00:44:20,880

water defining tests wherever and

1229

00:44:31,910 --> 00:44:29,270

the gang turned up armed with wire and

1230

00:44:34,710 --> 00:44:31,920

wood to locate the water wherever they

1231

00:44:37,030 --> 00:44:34,720

could by reading vibrations that come

1232

00:44:40,630 --> 00:44:37,040

from the ground which show where the

1233

00:44:42,950 --> 00:44:40,640

water was sure to be found

1234

00:44:45,270 --> 00:44:42,960

they came to win money at the dowzers

1235

00:44:47,750 --> 00:44:45,280

convention with prayers of hope for

1236

00:44:52,150 --> 00:44:47,760

divine intervention to help them to

1237

00:44:54,150 --> 00:44:52,160

sense the old h2o then one by one they

1238

00:44:56,470 --> 00:44:54,160

all had a go

1239

00:44:59,030 --> 00:44:56,480

chance predicted the success they would

1240

00:45:01,190 --> 00:44:59,040

face as they searched for the water all

1241

00:45:03,430 --> 00:45:01,200

over the place at the muster in the

1242

00:45:05,829 --> 00:45:03,440

hills up metametaway

1243

00:45:07,670 --> 00:45:05,839

with a loot on the line they were ready

1244

00:45:09,990 --> 00:45:07,680

to play

1245

00:45:12,069 --> 00:45:10,000

walking in a circle or in a crisscross

1246

00:45:14,710 --> 00:45:12,079

line with a weight of belief in the

1247

00:45:17,589 --> 00:45:14,720

autumn sunshine making sweat on their

1248

00:45:21,829 --> 00:45:17,599

brows as they tried to tell which was

1249

00:45:24,150 --> 00:45:21,839

just sand and where was the well

1250

00:45:26,710 --> 00:45:24,160

then the sun went down on the muster at

1251

00:45:29,270 --> 00:45:26,720

bitter and the sweet taste of victory

1252

00:45:32,470 --> 00:45:29,280

had turned a bit bitter for the dowsers

1253

00:45:34,630 --> 00:45:32,480

and diviners had failed to find water

1254

00:45:36,550 --> 00:45:34,640

maybe their rods should have been longer

1255

00:45:38,710 --> 00:45:36,560

or shorter

1256

00:45:41,670 --> 00:45:38,720

the contestants blamed static and

1257

00:45:44,630 --> 00:45:41,680

streams and fences that disturbed the

1258

00:45:46,710 --> 00:45:44,640

waves and twiddled their senses but the

1259

00:45:47,829 --> 00:45:46,720

skeptics went home with their booty

1260

00:45:50,550 --> 00:45:47,839

intact