



The

SKINWALKER

Debrief



1  
00:00:00,440 --> 00:00:38,380

[Music]

2  
00:00:42,740 --> 00:00:40,700

welcome to the skinwalker debrief

3  
00:00:44,569 --> 00:00:42,750

I'm your host TJ Allard and I'm one of

4  
00:00:46,729 --> 00:00:44,579

the executive producers of the new

5  
00:00:48,290 --> 00:00:46,739

television series on history called the

6  
00:00:51,560 --> 00:00:48,300

secret of skinwalker ranch

7  
00:00:53,660 --> 00:00:51,570

I'm joined each week by Jason McClellan

8  
00:00:55,850 --> 00:00:53,670

and Marine Ellsbury and together we'll

9  
00:00:57,860 --> 00:00:55,860

dissect each episode to give you more

10  
00:00:58,910 --> 00:00:57,870

insight into the show and a little

11  
00:01:01,520 --> 00:00:58,920

background info

12  
00:01:03,770 --> 00:01:01,530

Jason McCullen has been exploring all

13  
00:01:06,550 --> 00:01:03,780

the strange for more than a decade he's

14

00:01:09,560 --> 00:01:06,560

appeared on Nat Geo sci-fi history and

15

00:01:10,940 --> 00:01:09,570

he's the author of only readers two UFOs

16

00:01:12,740 --> 00:01:10,950

an introduction to the public's

17

00:01:14,480 --> 00:01:12,750

misperception of unidentified aerial

18

00:01:16,880 --> 00:01:14,490

phenomenon and extraterrestrial life

19

00:01:19,190 --> 00:01:16,890

marine is a journalist researcher and

20

00:01:21,230 --> 00:01:19,200

podcaster specializing in the anomalous

21

00:01:23,540 --> 00:01:21,240

she started the docu-series uncovering

22

00:01:25,279 --> 00:01:23,550

aliens on Animal Planet and served as

23

00:01:27,830 --> 00:01:25,289

the ambassador for science channels are

24

00:01:28,940 --> 00:01:27,840

we alone initiative for those joining us

25

00:01:30,499 --> 00:01:28,950

for the first time here on the

26

00:01:33,859 --> 00:01:30,509

skinwalker debrief we go over each

27

00:01:36,740 --> 00:01:33,869

episode block-by-block and discuss in TV

28

00:01:39,770 --> 00:01:36,750

a block is considered the time between

29

00:01:41,930 --> 00:01:39,780

commercials and tonight we like to

30

00:01:44,059 --> 00:01:41,940

welcome back plasma physicist and

31

00:01:45,469 --> 00:01:44,069

principal investigator at skinwalker

32

00:01:47,979 --> 00:01:45,479

ranch Erik Bard

33

00:01:51,290 --> 00:01:47,989

Erik thank you again for joining us

34

00:01:53,510 --> 00:01:51,300

thanks for the invite of course you're

35

00:01:56,540 --> 00:01:53,520

glad to have you here this is awesome

36

00:01:58,279 --> 00:01:56,550

so like I said we're gonna go through

37

00:01:59,900 --> 00:01:58,289

the show now last week you were on we

38

00:02:01,969 --> 00:01:59,910

didn't have a chance to go through a

39

00:02:04,279 --> 00:02:01,979

show because we weren't on the air but

40

00:02:05,749 --> 00:02:04,289

you took a lot of questions and we'd

41

00:02:07,940 --> 00:02:05,759

gotten a lot of feedback and even more

42

00:02:10,130 --> 00:02:07,950

questions but this week you're with us

43

00:02:11,420 --> 00:02:10,140

for our first dissection of an episode

44

00:02:14,420 --> 00:02:11,430

and I'm sure you'll be able to

45

00:02:16,640 --> 00:02:14,430

contribute some really cool info the way

46

00:02:19,010 --> 00:02:16,650

we do it I'm gonna pick out a few points

47

00:02:22,130 --> 00:02:19,020

in each block of the show we'll discuss

48

00:02:25,040 --> 00:02:22,140

and then get you to chime in and tell us

49

00:02:27,490 --> 00:02:25,050

a little bit more cool yeah I'm looking

50

00:02:30,710 --> 00:02:27,500

forward to it yeah you know how it works

51  
00:02:34,220 --> 00:02:30,720  
all right so this week's episode

52  
00:02:36,110 --> 00:02:34,230  
dangerous curves so the the byline for

53  
00:02:38,540 --> 00:02:36,120  
this was advanced testing shows evidence

54  
00:02:40,580 --> 00:02:38,550  
of strange anomalies under the ranch and

55  
00:02:44,270 --> 00:02:40,590  
Brandon finally gives the team

56  
00:02:45,530 --> 00:02:44,280  
permission to dig I know you don't

57  
00:02:47,320 --> 00:02:45,540  
normally get a chance to see the

58  
00:02:49,210 --> 00:02:47,330  
episodes because they're so busy

59  
00:02:50,500 --> 00:02:49,220  
at the ranch but this time you actually

60  
00:02:53,200 --> 00:02:50,510  
said you did get to see it

61  
00:02:54,250 --> 00:02:53,210  
so yeah I got to see it last night for

62  
00:02:58,180 --> 00:02:54,260  
all first impressions

63  
00:03:01,480 --> 00:02:58,190

what were they good memories that was a

64

00:03:04,380 --> 00:03:01,490

pretty enjoyable time period and I felt

65

00:03:07,180 --> 00:03:04,390

like the work that we were doing was not

66

00:03:09,450 --> 00:03:07,190

just not just interesting but the

67

00:03:11,980 --> 00:03:09,460

beginning of something else to come

68

00:03:13,630 --> 00:03:11,990

excellent no Thomas didn't Thomas you

69

00:03:16,360 --> 00:03:13,640

guys didn't you say something about this

70

00:03:23,230 --> 00:03:16,370

episode too but like his favorite it was

71

00:03:25,540 --> 00:03:23,240

his favorite yeah yeah yeah he said I

72

00:03:27,940 --> 00:03:25,550

think he was hinting that he was

73

00:03:30,040 --> 00:03:27,950

expecting the most a lot of data to come

74

00:03:31,600 --> 00:03:30,050

out of the specific testing that was

75

00:03:34,180 --> 00:03:31,610

going on in this episode sure

76

00:03:37,450 --> 00:03:34,190

well it did met quite a bit of data yes

77

00:03:39,550 --> 00:03:37,460

so when we first start off the show in

78

00:03:54,820 --> 00:03:39,560

in the a block of the show so you have

79

00:03:57,440 --> 00:03:54,830

Travis wake up with William barking like

80

00:03:59,900 --> 00:03:57,450

51 a.m. and

81

00:04:02,420 --> 00:03:59,910

and he's barking like crazy he took off

82

00:04:06,740 --> 00:04:02,430

running out across the field I'll go see

83

00:04:09,260 --> 00:04:06,750

if I can see what it was and you know he

84

00:04:12,410 --> 00:04:09,270

wakes up hearing something on the

85

00:04:14,270 --> 00:04:12,420

spectrum analyzer I'm getting a huge and

86

00:04:17,150 --> 00:04:14,280

constant level of radio waves across the

87

00:04:19,430 --> 00:04:17,160

entire frequency spectrum and it's like

88

00:04:21,229 --> 00:04:19,440

turning on a radio and having every

89

00:04:26,270 --> 00:04:21,239

single station playing the exact same

90

00:04:28,879 --> 00:04:26,280

song at the exact same level across look

91

00:04:31,340 --> 00:04:28,889

at the signal it's extremely sinusoidal

92

00:04:32,210 --> 00:04:31,350

and has a lot of structure never seen

93

00:04:34,850 --> 00:04:32,220

anything like it

94

00:04:37,940 --> 00:04:34,860

now he also mentions that you have a a

95

00:04:40,430 --> 00:04:37,950

different kind of spectrum analyzer can

96

00:04:43,850 --> 00:04:40,440

you explain well the devices are

97

00:04:46,550 --> 00:04:43,860

fundamentally the same the type of

98

00:04:50,270 --> 00:04:46,560

analyzer that he's using is known as an

99

00:04:52,130 --> 00:04:50,280

SDR which is software definable radio so

100

00:04:55,640 --> 00:04:52,140

it's a it's a device that we connect to

101  
00:04:58,340 --> 00:04:55,650  
our computers and it allows us to not

102  
00:05:00,110 --> 00:04:58,350  
just listen but also to visualize the

103  
00:05:03,230 --> 00:05:00,120  
signals across the you know a given

104  
00:05:06,830 --> 00:05:03,240  
frequency range and he right away picked

105  
00:05:11,360 --> 00:05:06,840  
up on something it's something that I

106  
00:05:14,570 --> 00:05:11,370  
hadn't seen before and you know I don't

107  
00:05:16,490 --> 00:05:14,580  
want to preempt it so let's continue yes

108  
00:05:18,050 --> 00:05:16,500  
of course no but it was being picked up

109  
00:05:19,790 --> 00:05:18,060  
by two different devices so you could

110  
00:05:21,850 --> 00:05:19,800  
kind of corroborate that it was

111  
00:05:24,140 --> 00:05:21,860  
happening that's the right way to say I

112  
00:05:27,140 --> 00:05:24,150  
wasn't I wasn't looking for it at the

113  
00:05:32,140 --> 00:05:27,150

time that at the time that he first

114

00:05:35,120 --> 00:05:32,150

noticed this unusual noise for effect I

115

00:05:39,710 --> 00:05:35,130

wasn't looking at that range of the RF

116

00:05:41,690 --> 00:05:39,720

spectrum and in fact you know he noticed

117

00:05:43,969 --> 00:05:41,700

this I think for the first time you

118

00:05:49,210 --> 00:05:43,979

notice it really late at night and I'll

119

00:05:52,820 --> 00:05:49,220

confess I I wasn't looking so right away

120

00:05:55,360 --> 00:05:52,830

afterwards of course I went to to see if

121

00:05:57,830 --> 00:05:55,370

I could corroborate it and yes we have

122

00:06:01,190 --> 00:05:57,840

some interesting things that happen with

123

00:06:03,950 --> 00:06:01,200

across a very wide range of the RF

124

00:06:05,450 --> 00:06:03,960

spectrum affecting what we refer to as

125

00:06:08,630 --> 00:06:05,460

the noise for kind of the background

126  
00:06:10,220 --> 00:06:08,640  
level so imagine if you can remember the

127  
00:06:12,890 --> 00:06:10,230  
old days when we had

128  
00:06:16,310 --> 00:06:12,900  
TVs that worked off the HSU agent and

129  
00:06:17,540 --> 00:06:16,320  
the fuzz you know the all the the black

130  
00:06:18,080 --> 00:06:17,550  
and white dots that would dance around

131  
00:06:20,900 --> 00:06:18,090  
on the screen

132  
00:06:23,060 --> 00:06:20,910  
imagine if you saw a pattern in those

133  
00:06:24,740 --> 00:06:23,070  
black and white dots something that

134  
00:06:28,010 --> 00:06:24,750  
looked like it had a structure to it

135  
00:06:32,960 --> 00:06:28,020  
that's kind of like what Travis noticed

136  
00:06:35,290 --> 00:06:32,970  
in the RF spectrum okay I mean from his

137  
00:06:38,600 --> 00:06:35,300  
description this is something that it's

138  
00:06:41,330 --> 00:06:38,610

impossible for for us as humans to do

139

00:06:43,490 --> 00:06:41,340

right now our tech isn't there I heard

140

00:06:45,650 --> 00:06:43,500

him say that yeah yeah does it seem does

141

00:06:47,900 --> 00:06:45,660

it seem like there could be plausible

142

00:06:49,670 --> 00:06:47,910

explanations for this that we just have

143

00:06:53,030 --> 00:06:49,680

yet to think of or that you guys have

144

00:06:55,760 --> 00:06:53,040

tested or didn't test other things you

145

00:06:57,800 --> 00:06:55,770

want to test to try to pull this out and

146

00:07:00,320 --> 00:06:57,810

try to figure this out well you know

147

00:07:02,690 --> 00:07:00,330

there are two things once our attention

148

00:07:06,350 --> 00:07:02,700

was turned to this after Travis alerted

149

00:07:08,180 --> 00:07:06,360

to this thing yes we've done the RF

150

00:07:10,190 --> 00:07:08,190

spectrum you know

151  
00:07:13,190 --> 00:07:10,200  
sweeping and and you know looking and

152  
00:07:15,970 --> 00:07:13,200  
focusing on a particular region in the

153  
00:07:19,430 --> 00:07:15,980  
past and do it on an ongoing basis but

154  
00:07:21,500 --> 00:07:19,440  
after he drew attention to specifically

155  
00:07:25,790 --> 00:07:21,510  
what was happening with the background

156  
00:07:27,950 --> 00:07:25,800  
you know the the noise floor we noticed

157  
00:07:32,450 --> 00:07:27,960  
two things going on there was the

158  
00:07:36,110 --> 00:07:32,460  
periodicity that shows up in the in the

159  
00:07:37,700 --> 00:07:36,120  
footage that I saw in the episode but

160  
00:07:41,270 --> 00:07:37,710  
there's also something else that happens

161  
00:07:43,010 --> 00:07:41,280  
that's transient and I guess the word

162  
00:07:44,300 --> 00:07:43,020  
that comes to mind is that it's violent

163  
00:07:46,160 --> 00:07:44,310

there's something happening across a

164

00:07:47,960 --> 00:07:46,170

wide range of the RF spectrum where it's

165

00:07:51,680 --> 00:07:47,970

jumping up and down and if you listen to

166

00:07:54,650 --> 00:07:51,690

it it's like a thumping hissing sound

167

00:07:56,420 --> 00:07:54,660

that comes and goes I'm not really sure

168

00:07:58,070 --> 00:07:56,430

what the origin is I have some ideas of

169

00:08:00,590 --> 00:07:58,080

course it's my job to come up with ideas

170

00:08:02,510 --> 00:08:00,600

and I suppose we will be continuing to

171

00:08:05,360 --> 00:08:02,520

look at that yeah we don't want to give

172

00:08:07,610 --> 00:08:05,370

away too much um parry periodicities is

173

00:08:09,530 --> 00:08:07,620

that the word you used yeah sure what

174

00:08:11,960 --> 00:08:09,540

was that what is that those who don't

175

00:08:14,840 --> 00:08:11,970

know yeah good question so that's that's

176  
00:08:16,340 --> 00:08:14,850  
something that repeats you know we can

177  
00:08:19,340 --> 00:08:16,350  
use the term to refer to something that

178  
00:08:22,070 --> 00:08:19,350  
happens over and over in time so there's

179  
00:08:23,660 --> 00:08:22,080  
a certain period to the repetition it

180  
00:08:24,080 --> 00:08:23,670  
also can apply in space you know

181  
00:08:25,460 --> 00:08:24,090  
something

182  
00:08:27,260 --> 00:08:25,470  
have a spatial periodicity like a

183  
00:08:30,530 --> 00:08:27,270  
regular pattern but not I want to get

184  
00:08:32,060 --> 00:08:30,540  
off into the weeds please you could jump

185  
00:08:36,440 --> 00:08:32,070  
in the weeds anytime you want like

186  
00:08:42,709 --> 00:08:36,450  
you're all the time anyway right yes

187  
00:08:45,019 --> 00:08:42,719  
the Serengeti that is today yeah so I'm

188  
00:08:47,740 --> 00:08:45,029

just curious is is this perhaps I think

189

00:08:51,710 --> 00:08:47,750

last last week I kind of asked you about

190

00:08:53,210 --> 00:08:51,720

whether you had experienced the what

191

00:08:54,829 --> 00:08:53,220

people are calling the hum phenomenon

192

00:08:57,530 --> 00:08:54,839

you said there was something else going

193

00:09:00,980 --> 00:08:57,540

on that we've heard and this this was

194

00:09:03,560 --> 00:09:00,990

what you were alluding to or is yeah

195

00:09:04,970 --> 00:09:03,570

it's actually something else now I'm

196

00:09:06,200 --> 00:09:04,980

glad you asked that question marine

197

00:09:08,630 --> 00:09:06,210

because you just reminded me of

198

00:09:10,940 --> 00:09:08,640

something prompted by what I saw last

199

00:09:13,100 --> 00:09:10,950

night I had to go back and look at my

200

00:09:17,030 --> 00:09:13,110

own footage you know on the surveillance

201  
00:09:20,990 --> 00:09:17,040  
systems and in particular what we were

202  
00:09:24,680 --> 00:09:21,000  
picking up in in the audio channel and

203  
00:09:28,610 --> 00:09:24,690  
this other thing that I that I alluded

204  
00:09:30,470 --> 00:09:28,620  
to last time this this grinding coming

205  
00:09:33,280 --> 00:09:30,480  
out of place sound whose origins I've

206  
00:09:37,100 --> 00:09:33,290  
yet to determine actually did happen on

207  
00:09:38,780 --> 00:09:37,110  
that night now is there a relationship I

208  
00:09:42,079 --> 00:09:38,790  
don't know you're gonna hear me say it a

209  
00:09:44,210 --> 00:09:42,089  
lot correlation is not causation I don't

210  
00:09:46,430 --> 00:09:44,220  
know but yeah that's an interesting

211  
00:09:47,480 --> 00:09:46,440  
signals coming in on a lot of streams

212  
00:09:48,650 --> 00:09:47,490  
and that's the kind of thing we're

213  
00:09:51,260 --> 00:09:48,660

looking for we're looking for those

214

00:09:53,570 --> 00:09:51,270

correlations right I had the same

215

00:09:55,370 --> 00:09:53,580

thought when when I saw that on the show

216

00:09:58,070 --> 00:09:55,380

I was thinking about your comment last

217

00:09:59,150 --> 00:09:58,080

week about that so I'm glad I said at

218

00:10:01,940 --> 00:09:59,160

least one thing that was worth

219

00:10:03,440 --> 00:10:01,950

remembering come on you see a lot of

220

00:10:09,050 --> 00:10:03,450

things worth remembering I mean I can't

221

00:10:12,350 --> 00:10:09,060

remember them now but no no uh alright

222

00:10:15,260 --> 00:10:12,360

you know that that little you know that

223

00:10:17,750 --> 00:10:15,270

vignette happens the dog William barking

224

00:10:19,670 --> 00:10:17,760

you know stuff happening Travis picking

225

00:10:21,890 --> 00:10:19,680

up some signals next thing we know we're

226

00:10:25,310 --> 00:10:21,900

in the room and we're talking about

227

00:10:27,860 --> 00:10:25,320

I know theories right and we get the the

228

00:10:30,250 --> 00:10:27,870

dramatic flip of the blackboard so

229

00:10:33,350 --> 00:10:30,260

here's one thing it could possibly mean

230

00:10:38,370 --> 00:10:33,360

this might sound crazy but what if the

231

00:10:48,010 --> 00:10:43,030

with a wormhole you're like what yeah

232

00:10:50,079 --> 00:10:48,020

so please yeah I noticed the sort of

233

00:10:52,600 --> 00:10:50,089

dumbfounded look at my own face kind of

234

00:10:54,190 --> 00:10:52,610

embarrassing no it was good

235

00:10:58,630 --> 00:10:54,200

the look on dragon's face was priceless

236

00:11:04,240 --> 00:10:58,640

- please cut to that

237

00:11:07,900 --> 00:11:04,250

please show drag his face there but

238

00:11:09,670 --> 00:11:07,910

really this is this is the kind of

239

00:11:11,440 --> 00:11:09,680

discussion that I really treasured this

240

00:11:15,310 --> 00:11:11,450

is something that I enjoy a lot and I

241

00:11:20,980 --> 00:11:15,320

hope we get to do this a lot more you

242

00:11:23,980 --> 00:11:20,990

know no theory is - too strange or

243

00:11:25,630 --> 00:11:23,990

far-fetched and in fact I think what

244

00:11:28,480 --> 00:11:25,640

Travis is reaching for with that

245

00:11:29,949 --> 00:11:28,490

explanation is something that has what

246

00:11:33,400 --> 00:11:29,959

we can all appreciate and that is kind

247

00:11:36,610 --> 00:11:33,410

of a unifying appeal meaning a single

248

00:11:38,440 --> 00:11:36,620

cause resulting in multiple effects and

249

00:11:40,510 --> 00:11:38,450

so anytime we see something that could

250

00:11:41,890 --> 00:11:40,520

possibly explain lots of things that

251  
00:11:44,380 --> 00:11:41,900  
we're seeing that don't have an apparent

252  
00:11:46,930 --> 00:11:44,390  
relationship to each other and and this

253  
00:11:51,220 --> 00:11:46,940  
one cause could possibly give rise to it

254  
00:11:53,620 --> 00:11:51,230  
it's it's it's really enticing and so I

255  
00:11:56,170 --> 00:11:53,630  
want to continue that discussion on that

256  
00:11:58,240 --> 00:11:56,180  
topic with him ya know I feel like you

257  
00:11:59,620 --> 00:11:58,250  
know we we didn't get too deep into it

258  
00:12:01,420 --> 00:11:59,630  
which is fine because I think we come

259  
00:12:03,190 --> 00:12:01,430  
back to that stuff later

260  
00:12:06,310 --> 00:12:03,200  
there's more data that needs to happen

261  
00:12:08,440 --> 00:12:06,320  
so you know it's it's we we have the

262  
00:12:10,240 --> 00:12:08,450  
wormhole revelation and then we go in to

263  
00:12:12,370 --> 00:12:10,250

eat heartbreak and then we come back and

264

00:12:13,930 --> 00:12:12,380

this was something that really struck me

265

00:12:15,610 --> 00:12:13,940

because I know this is near and dear to

266

00:12:17,260 --> 00:12:15,620

your heart it's near dear to my heart

267

00:12:20,140 --> 00:12:17,270

it's something that happens a lot out

268

00:12:25,329 --> 00:12:20,150

there that I just can't understand and

269

00:12:28,450 --> 00:12:25,339

it's Caleb's phone freaking out yeah my

270

00:12:31,450 --> 00:12:28,460

phone's freaking out explain you see it

271

00:12:33,310 --> 00:12:31,460

what is it doing I don't know it's just

272

00:12:34,840 --> 00:12:33,320

been doing this for the less you know a

273

00:12:36,730 --> 00:12:34,850

couple minutes of this right up here so

274

00:12:40,300 --> 00:12:36,740

you can see it it was in my contacts I

275

00:12:41,890 --> 00:12:40,310

tried calling a couple people and then

276

00:12:44,710 --> 00:12:41,900

it's been messing around in my camera in

277

00:12:46,630 --> 00:12:44,720

the last couple minute so you touched on

278

00:12:48,340 --> 00:12:46,640

it for like five seconds in the show and

279

00:12:50,020 --> 00:12:48,350

I know there's so much more there so

280

00:12:54,790 --> 00:12:50,030

please could you enlighten us as to what

281

00:12:57,970 --> 00:12:54,800

was going on you know thumbs they're

282

00:13:04,090 --> 00:12:57,980

telling us a lot particularly on the

283

00:13:05,980 --> 00:13:04,100

ranch I don't know what's going on in

284

00:13:09,190 --> 00:13:05,990

that case you know that when he showed

285

00:13:10,540 --> 00:13:09,200

that to me ultimately by the by the end

286

00:13:13,210 --> 00:13:10,550

of the summer this is something that

287

00:13:15,130 --> 00:13:13,220

happened several times and he and he

288

00:13:18,760 --> 00:13:15,140

says that this is something that happens

289

00:13:20,590 --> 00:13:18,770

only when he's on the ranch there's

290

00:13:23,590 --> 00:13:20,600

there's clearly something going on with

291

00:13:25,630 --> 00:13:23,600

this phone and so what we saw where all

292

00:13:29,620 --> 00:13:25,640

these parent button pushers are taking

293

00:13:31,510 --> 00:13:29,630

place it's tempting to interpret that as

294

00:13:34,360 --> 00:13:31,520

deliberate it's tempting to interpret

295

00:13:36,070 --> 00:13:34,370

that as someone doing that I don't know

296

00:13:40,090 --> 00:13:36,080

that that's what's going on and I've

297

00:13:43,240 --> 00:13:40,100

seen some possible explanations for

298

00:13:45,010 --> 00:13:43,250

phones misbehaving that way Erica did

299

00:13:46,090 --> 00:13:45,020

you tell us a couple of those like I

300

00:13:47,950 --> 00:13:46,100

know a lot of people are like oh that's

301

00:13:49,180 --> 00:13:47,960

[h\_\_\h] does this happen this isn't

302

00:13:50,890 --> 00:13:49,190

happening you know this is like

303

00:13:52,780 --> 00:13:50,900

someone's touching it off screen there's

304

00:13:54,460 --> 00:13:52,790

a producer doing something like what are

305

00:14:01,450 --> 00:13:54,470

potential explanations that you know of

306

00:14:03,730 --> 00:14:01,460

that right good pauses so one of the

307

00:14:05,380 --> 00:14:03,740

things that could or it does seem to go

308

00:14:07,240 --> 00:14:05,390

along with that is if there's a there's

309

00:14:11,470 --> 00:14:07,250

damage to the screen but you know cracks

310

00:14:13,030 --> 00:14:11,480

on the screen and I think we can go out

311

00:14:16,720 --> 00:14:13,040

on on the web and we can find examples

312

00:14:19,780 --> 00:14:16,730

people's phones doing this or something

313

00:14:22,210 --> 00:14:19,790

similar what I what I have to wonder is

314

00:14:25,630 --> 00:14:22,220

why in the case of his phone why is it

315

00:14:29,380 --> 00:14:25,640

happening according to Caleb exclusively

316

00:14:33,490 --> 00:14:29,390

on the ranch or close by as opposed to

317

00:14:36,280 --> 00:14:33,500

you know when he's out he's at home it

318

00:14:37,990 --> 00:14:36,290

so it occurred to me that maybe the RF

319

00:14:40,480 --> 00:14:38,000

generating phenomena that we see

320

00:14:42,280 --> 00:14:40,490

maybe it's he's got maybe he's got a

321

00:14:44,110 --> 00:14:42,290

device that's marginal maybe it's

322

00:14:46,090 --> 00:14:44,120

it's it's on the on the edge if you will

323

00:14:48,970 --> 00:14:46,100

of misbehaving this way and maybe

324

00:14:50,829 --> 00:14:48,980

there's some triggering physics that's a

325

00:14:52,689 --> 00:14:50,839

bit stronger there on the ranch like the

326

00:14:54,340 --> 00:14:52,699

RF like you know radio frequency in the

327

00:14:57,009 --> 00:14:54,350

nations that we perhaps don't see in

328

00:14:59,710 --> 00:14:57,019

other environments maybe that's what's

329

00:15:03,370 --> 00:14:59,720

going on but like I said I've seen this

330

00:15:07,300 --> 00:15:03,380

happen multiple times and he's shared it

331

00:15:10,449 --> 00:15:07,310

with me sometimes he's able to snatch a

332

00:15:14,160 --> 00:15:10,459

video of it with another phone like we

333

00:15:16,269 --> 00:15:14,170

saw on the episode so the two two two

334

00:15:19,150 --> 00:15:16,279

the two elders here

335

00:15:20,710 --> 00:15:19,160

in this world Marine marine and Jake you

336

00:15:21,910 --> 00:15:20,720

guys kind of know this stuff like is

337

00:15:24,160 --> 00:15:21,920

this a common thing have you heard of

338

00:15:25,889 --> 00:15:24,170

this before where phones kind of freak

339

00:15:29,530 --> 00:15:25,899

out like this or this kind of behavior

340

00:15:31,180 --> 00:15:29,540

in these environments I don't know if it

341

00:15:34,720 --> 00:15:31,190

in those environments it's happened to

342

00:15:38,620 --> 00:15:34,730

to my phone before not as Extreme as

343

00:15:40,449 --> 00:15:38,630

that but yeah I had my phone it seemed

344

00:15:42,430 --> 00:15:40,459

like it was possessed and I couldn't

345

00:15:45,970 --> 00:15:42,440

turn it off there do anything and

346

00:15:48,910 --> 00:15:45,980

everything was sloshing but that was I

347

00:15:50,740 --> 00:15:48,920

have no idea what caused it or what

348

00:15:54,100 --> 00:15:50,750

happened but I was I was just out

349

00:15:56,620 --> 00:15:54,110

camping so there's no landscape excuse

350

00:16:00,759 --> 00:15:56,630

for for that incident but I don't know

351

00:16:04,540 --> 00:16:00,769

Jason I'm I'm an Android that's Android

352

00:16:06,670 --> 00:16:04,550

life for me too yeah I can't say I've

353

00:16:10,540 --> 00:16:06,680

heard of iPhones misbehaving and I say

354

00:16:11,920 --> 00:16:10,550

that because we're we go no but I mean

355

00:16:14,559 --> 00:16:11,930

we we definitely saw it so that's

356

00:16:17,769 --> 00:16:14,569

fascinating and I mean we've heard heard

357

00:16:21,610 --> 00:16:17,779

about misbehaving phones both with you

358

00:16:24,280 --> 00:16:21,620

know like during ghost hunts and you

359

00:16:28,780 --> 00:16:24,290

know alleged UFO encounters both of

360

00:16:32,189 --> 00:16:28,790

which you know there are theories about

361

00:16:34,059 --> 00:16:32,199

or speculation about you know

362

00:16:36,120 --> 00:16:34,069

electromagnetic frequencies and things

363

00:16:39,550 --> 00:16:36,130

like that playing some role in that I

364

00:16:42,189 --> 00:16:39,560

haven't physically seen it happen and I

365

00:16:44,650 --> 00:16:42,199

haven't seen examples on video like we

366

00:16:46,210 --> 00:16:44,660

saw on this show and I gotta say I mean

367

00:16:47,980 --> 00:16:46,220

seeing what was happening to his phone

368

00:16:48,429 --> 00:16:47,990

looked like something out of a horror

369

00:16:51,340 --> 00:16:48,439

movie

370

00:16:53,800 --> 00:16:51,350

it was it was crazy I just kept thinking

371

00:16:55,840 --> 00:16:53,810

I hope his phone doesn't start actually

372

00:16:56,170 --> 00:16:55,850

dialing people that you forgot to delete

373

00:16:58,300 --> 00:16:56,180

from

374

00:17:04,240 --> 00:16:58,310

phone past flames are pulling up your

375

00:17:07,569 --> 00:17:04,250

naughty photos nice turkey Lopez a

376

00:17:11,049 --> 00:17:07,579

naughty photos in there yeah exactly

377

00:17:15,160 --> 00:17:11,059

what ask Caleb about that all right yeah

378

00:17:19,480 --> 00:17:15,170

we got to get him on here but I'll tell

379

00:17:23,020 --> 00:17:19,490

you he has commented to me before that

380

00:17:28,270 --> 00:17:23,030

in fact yes his phone has sent messages

381

00:17:30,580 --> 00:17:28,280

and placed calls home you know and again

382

00:17:33,120 --> 00:17:30,590

it's to its it's tempting to read though

383

00:17:37,180 --> 00:17:33,130

listen into that in order its attention

384

00:17:40,510 --> 00:17:37,190

I don't have to go right there you know

385

00:17:43,000 --> 00:17:40,520

I guess if you if you do something

386

00:17:45,130 --> 00:17:43,010

enough right you can get some of the

387

00:17:46,690 --> 00:17:45,140

outlier cases coming through and yeah it

388

00:17:48,310 --> 00:17:46,700

dials the number sends a message worth

389

00:17:49,810 --> 00:17:48,320

over there's a meaningful word at one

390

00:17:52,020 --> 00:17:49,820

point I thought I saw Cyrillic

391

00:17:54,160 --> 00:17:52,030

characters on his on his screen uh

392

00:17:57,040 --> 00:17:54,170

usually correct me if I'm wrong but I I

393

00:17:58,600 --> 00:17:57,050

saw characters that I recognized as

394

00:18:01,660 --> 00:17:58,610

being English characters so it was it

395

00:18:05,010 --> 00:18:01,670

was all over the map and you know here's

396

00:18:07,840 --> 00:18:05,020

an idea I just thought it out of this

397

00:18:11,410 --> 00:18:07,850

you know you you've seen what I did with

398

00:18:14,530 --> 00:18:11,420

the with the magnet right as as being

399

00:18:16,419 --> 00:18:14,540

something that could again explain not

400

00:18:18,040 --> 00:18:16,429

just the misbehavior of a mobile the

401  
00:18:19,900 --> 00:18:18,050  
electronic device but perhaps some of

402  
00:18:22,600 --> 00:18:19,910  
the other things that are happening with

403  
00:18:26,110 --> 00:18:22,610  
us physiologically as well as with other

404  
00:18:27,520 --> 00:18:26,120  
other equipment types you know with with

405  
00:18:32,470 --> 00:18:27,530  
the magnet you know I was looking for

406  
00:18:34,419 --> 00:18:32,480  
can I at least elicit the same behavior

407  
00:18:36,340 --> 00:18:34,429  
is there something that I can do that

408  
00:18:38,500 --> 00:18:36,350  
will cause this device even though a

409  
00:18:40,630 --> 00:18:38,510  
phone is not intended to be a scientific

410  
00:18:45,130 --> 00:18:40,640  
instrument it really is it contains lots

411  
00:18:46,930 --> 00:18:45,140  
of very sensitive memory devices so why

412  
00:18:48,760 --> 00:18:46,940  
not use it as such and so if I can find

413  
00:18:52,450 --> 00:18:48,770

a way to get the device to behave in the

414

00:18:54,700 --> 00:18:52,460

same way knowing what the physics are

415

00:18:56,500 --> 00:18:54,710

then maybe that's going to give me some

416

00:18:59,200 --> 00:18:56,510

insight into what's happening in the

417

00:19:01,540 --> 00:18:59,210

wild on its own and so so getting to the

418

00:19:02,860 --> 00:19:01,550

idea it just occurred to me a couple you

419

00:19:04,570 --> 00:19:02,870

try a couple of things we could take

420

00:19:05,980 --> 00:19:04,580

Caleb's phone or a phone that's

421

00:19:08,940 --> 00:19:05,990

exhibiting this behavior and

422

00:19:11,380 --> 00:19:08,950

deliberately subject it to

423

00:19:12,909 --> 00:19:11,390

imitations from some kind of like a

424

00:19:14,710 --> 00:19:12,919

frequency generator of an RF frequency

425

00:19:16,570 --> 00:19:14,720

generator or even a microwave oven you

426  
00:19:19,029 --> 00:19:16,580  
know we can put it near not inside there

427  
00:19:20,620 --> 00:19:19,039  
near the microwave oven you know you

428  
00:19:21,880 --> 00:19:20,630  
know the Trifield is you know I've got

429  
00:19:25,480 --> 00:19:21,890  
one of those right here you've seen

430  
00:19:27,520 --> 00:19:25,490  
these on so these these things actually

431  
00:19:28,779 --> 00:19:27,530  
are sensitive enough that if you have

432  
00:19:31,029 --> 00:19:28,789  
one in your home and you turn your

433  
00:19:35,289 --> 00:19:31,039  
microwave oven on bill don't they'll

434  
00:19:38,529 --> 00:19:35,299  
indicate and strong perhaps there's

435  
00:19:42,100 --> 00:19:38,539  
enough all right that gets out of say a

436  
00:19:46,360 --> 00:19:42,110  
microwave oven that it could elicit that

437  
00:19:47,830 --> 00:19:46,370  
response on a phone it's it's on the

438  
00:19:51,640 --> 00:19:47,840

edge of malfunctioning anyway I don't

439

00:19:53,850 --> 00:19:51,650

I'm just an idea okay no I mean he

440

00:19:57,669 --> 00:19:53,860

seemed pretty freaked out by it so I

441

00:20:00,970 --> 00:19:57,679

would have been too yeah but so then we

442

00:20:04,960 --> 00:20:00,980

you know we see kalos phone and then I

443

00:20:07,539 --> 00:20:04,970

love your comment to the visiting GPR

444

00:20:09,549 --> 00:20:07,549

tech who says who's laughing and you're

445

00:20:19,480 --> 00:20:09,559

like I'm not sure we should be laughing

446

00:20:22,090 --> 00:20:19,490

about this no it is oh it's an open

447

00:20:23,470 --> 00:20:22,100

question is this funny or not because if

448

00:20:25,330 --> 00:20:23,480

in fact there's something going on in

449

00:20:27,310 --> 00:20:25,340

the environment with some additional RF

450

00:20:29,919 --> 00:20:27,320

that we're all being subjected to that's

451  
00:20:32,440 --> 00:20:29,929  
not a good thing you know we know and I

452  
00:20:35,220 --> 00:20:32,450  
don't want to I don't want to be too

453  
00:20:38,440 --> 00:20:35,230  
shrill about this but there are

454  
00:20:40,360 --> 00:20:38,450  
medically relevant defects associated

455  
00:20:42,250 --> 00:20:40,370  
with the phenomenology on the range it

456  
00:20:44,440 --> 00:20:42,260  
doesn't always happen it's unpredictable

457  
00:20:47,680 --> 00:20:44,450  
but some people have experienced things

458  
00:20:50,890 --> 00:20:47,690  
that have caused them to be sick and

459  
00:20:52,570 --> 00:20:50,900  
even worse mm-hmm I mean and I keep

460  
00:20:56,080 --> 00:20:52,580  
going back to my experiences I got very

461  
00:20:57,580 --> 00:20:56,090  
very sick there you know it through this

462  
00:20:59,260 --> 00:20:57,590  
episode a lot of the things that Travis

463  
00:21:01,390 --> 00:20:59,270

is done actually I feel like Travis is

464

00:21:03,730 --> 00:21:01,400

following in the path of a lot of things

465

00:21:06,850 --> 00:21:03,740

that I had done previously and I also

466

00:21:09,640 --> 00:21:06,860

ended up with with you know markings and

467

00:21:13,659 --> 00:21:09,650

and issues for months and months

468

00:21:14,830 --> 00:21:13,669

afterward so you know I probably

469

00:21:18,460 --> 00:21:14,840

shouldn't have done those things however

470

00:21:20,110 --> 00:21:18,470

I did but anyway yeah we'll get into

471

00:21:22,240 --> 00:21:20,120

them or I mean there's plenty of time

472

00:21:23,620 --> 00:21:22,250

that go into those as

473

00:21:25,480 --> 00:21:23,630

things I just want to kind of go through

474

00:21:26,250 --> 00:21:25,490

the rest of what's been happening here

475

00:21:29,260 --> 00:21:26,260

like so

476  
00:21:31,900 --> 00:21:29,270  
you know we got to we begin now with the

477  
00:21:34,900 --> 00:21:31,910  
GPR stuff the GPR and the soil

478  
00:21:38,050 --> 00:21:34,910  
resistivity resistivity there at least

479  
00:21:40,000 --> 00:21:38,060  
this tivity the resistivity thank you so

480  
00:21:41,890 --> 00:21:40,010  
Eric what's the difference which which

481  
00:21:44,530 --> 00:21:41,900  
is more effective which is what is

482  
00:21:46,840 --> 00:21:44,540  
better or for what purpose well they

483  
00:21:49,840 --> 00:21:46,850  
they measure physically different things

484  
00:21:52,650 --> 00:21:49,850  
by physically different means right so

485  
00:21:55,140 --> 00:21:52,660  
in the case of GPR as the name indicates

486  
00:21:59,980 --> 00:21:55,150  
ground-penetrating radar we are

487  
00:22:02,380 --> 00:21:59,990  
broadcasting electromagnetic waves

488  
00:22:04,780 --> 00:22:02,390

radiation down into the ground and we're

489

00:22:08,020 --> 00:22:04,790

looking at what comes back so you have a

490

00:22:10,480 --> 00:22:08,030

something that's emanating a source and

491

00:22:12,010 --> 00:22:10,490

then we have a detector a lot of devices

492

00:22:14,920 --> 00:22:12,020

work that way some of the devices that

493

00:22:17,200 --> 00:22:14,930

I've developed in industry do the same

494

00:22:20,230 --> 00:22:17,210

kinds of things in the in the in the

495

00:22:22,060 --> 00:22:20,240

x-ray physics realm so here do you have

496

00:22:28,300 --> 00:22:22,070

a device that sends something out and it

497

00:22:30,670 --> 00:22:28,310

looks for what comes back and this is RF

498

00:22:32,140 --> 00:22:30,680

now in the case of the resistivity

499

00:22:34,990 --> 00:22:32,150

measurement what you're doing is you've

500

00:22:36,760 --> 00:22:35,000

got a series of basically electrodes

501  
00:22:38,620 --> 00:22:36,770  
pounded into the ground and you have a

502  
00:22:41,020 --> 00:22:38,630  
device that can energize those

503  
00:22:43,180 --> 00:22:41,030  
electrodes in sequence and you're

504  
00:22:44,920 --> 00:22:43,190  
measuring how much electrical resistance

505  
00:22:46,360 --> 00:22:44,930  
there is in between any two points and

506  
00:22:48,220 --> 00:22:46,370  
you're looking at what we would call the

507  
00:22:51,580 --> 00:22:48,230  
transient response as well as the DC

508  
00:22:54,430 --> 00:22:51,590  
response I don't want to put too much

509  
00:22:59,740 --> 00:22:54,440  
lingo in everyone's ears no please put

510  
00:23:03,100 --> 00:22:59,750  
the lingo that's good you know it was it

511  
00:23:06,940 --> 00:23:03,110  
was really helpful for me to get to

512  
00:23:08,380 --> 00:23:06,950  
learn more about these technologies from

513  
00:23:09,790 --> 00:23:08,390

the gentleman who came on site I

514

00:23:11,710 --> 00:23:09,800

actually took some time with Zack

515

00:23:13,270 --> 00:23:11,720

afterwards after everybody left and we

516

00:23:15,880 --> 00:23:13,280

did some additional measurements it was

517

00:23:19,390 --> 00:23:15,890

fun it was my first time to do that kind

518

00:23:20,860 --> 00:23:19,400

of thing but what we're what are we

519

00:23:25,360 --> 00:23:20,870

getting out of it what we're getting out

520

00:23:28,120 --> 00:23:25,370

of it is an indication of differences in

521

00:23:32,440 --> 00:23:28,130

the electrical properties of things down

522

00:23:35,050 --> 00:23:32,450

below the ground level GPR penetrates

523

00:23:36,170 --> 00:23:35,060

two different depths depending upon the

524

00:23:38,030 --> 00:23:36,180

device and depending on

525

00:23:41,230 --> 00:23:38,040

you know the conductivity of the soil

526  
00:23:44,000 --> 00:23:41,240  
and other parameters so we're seeing

527  
00:23:46,790 --> 00:23:44,010  
those what look like dome-shaped

528  
00:23:48,950 --> 00:23:46,800  
features we're seeing these they're

529  
00:23:52,220 --> 00:23:48,960  
hyperboloids is the right term that

530  
00:23:55,100 --> 00:23:52,230  
hyperbolic features that as phil

531  
00:23:57,470 --> 00:23:55,110  
indicated tell us that there's a change

532  
00:24:00,770 --> 00:23:57,480  
in density there there's either a rock

533  
00:24:04,190 --> 00:24:00,780  
or you know a boulder or a metal object

534  
00:24:07,310 --> 00:24:04,200  
or or even a void I think the term

535  
00:24:11,170 --> 00:24:07,320  
cavern or tunnel was used it's a change

536  
00:24:14,180 --> 00:24:11,180  
in density and so as we were as we were

537  
00:24:17,450 --> 00:24:14,190  
dragging that one instrument behind the

538  
00:24:19,430 --> 00:24:17,460

UTV we were looking at a map as it as it

539

00:24:22,250 --> 00:24:19,440

emerged on the screen showing us that

540

00:24:24,610 --> 00:24:22,260

yeah we were getting we were coming into

541

00:24:26,620 --> 00:24:24,620

an area where there were objects

542

00:24:28,610 --> 00:24:26,630

different from the surrounding material

543

00:24:30,740 --> 00:24:28,620

along that path

544

00:24:33,740 --> 00:24:30,750

and you confirmed it because you went

545

00:24:37,280 --> 00:24:33,750

back and forth yeah yeah we made several

546

00:24:39,800 --> 00:24:37,290

passes now so was it just to be honest

547

00:24:42,260 --> 00:24:39,810

really I'm only going to be satisfied

548

00:24:43,580 --> 00:24:42,270

when we've applied the same technology

549

00:24:46,550 --> 00:24:43,590

to every square inch of the property

550

00:24:49,130 --> 00:24:46,560

right so I mean this was that this was a

551

00:24:50,810 --> 00:24:49,140

first and I think this is the

552

00:24:54,200 --> 00:24:50,820

appropriate way to do this you just do

553

00:24:58,040 --> 00:24:54,210

it you probe lead you do a first look

554

00:24:59,150 --> 00:24:58,050

and motivate additional steps and I

555

00:25:03,770 --> 00:24:59,160

don't know how do you feel I feel

556

00:25:05,750 --> 00:25:03,780

motivated yeah I think in this it is a

557

00:25:08,750 --> 00:25:05,760

kind of desire after you find it in one

558

00:25:11,240 --> 00:25:08,760

place well could there be the whole

559

00:25:14,150 --> 00:25:11,250

ranch and testing out different sections

560

00:25:16,580 --> 00:25:14,160

at a time yeah I would be motivated to

561

00:25:19,730 --> 00:25:16,590

like let's let's go do this let's go

562

00:25:22,220 --> 00:25:19,740

let's go look some more yeah yes so I

563

00:25:25,850 --> 00:25:22,230

guess what we will I was just gonna make

564

00:25:27,290 --> 00:25:25,860

the comment there as it is with with all

565

00:25:28,460 --> 00:25:27,300

the things that we encounter on the

566

00:25:31,580 --> 00:25:28,470

ranch there's always the possibility

567

00:25:33,200 --> 00:25:31,590

that what we're looking at is just

568

00:25:35,740 --> 00:25:33,210

mundane you know I mean there's there

569

00:25:37,850 --> 00:25:35,750

are natural variations in the in the

570

00:25:41,540 --> 00:25:37,860

materials beneath the ground anywhere

571

00:25:43,700 --> 00:25:41,550

you go so you know we don't have to

572

00:25:46,610 --> 00:25:43,710

interpret it as meaning that there's

573

00:25:48,350 --> 00:25:46,620

something exotic structurally exotic

574

00:25:49,640 --> 00:25:48,360

material you've got you know under the

575

00:25:52,100 --> 00:25:49,650

ranch but it but it but it's

576

00:25:56,390 --> 00:25:52,110

we start to at least address the

577

00:25:59,810 --> 00:25:56,400

question nice ok I mean so we're doing

578

00:26:02,900 --> 00:25:59,820

our GPR scans and we come back again

579

00:26:04,490 --> 00:26:02,910

with some so in the C Block we come back

580

00:26:06,500 --> 00:26:04,500

with some assumptions as to what it

581

00:26:09,800 --> 00:26:06,510

could be

582

00:26:12,710 --> 00:26:09,810

I think someone mentioned 8 to 25 feet

583

00:26:14,660 --> 00:26:12,720

underground right was that right they

584

00:26:16,190 --> 00:26:14,670

right they're saying 8 to 25 feet

585

00:26:19,880 --> 00:26:16,200

underground and then it was determined

586

00:26:21,350 --> 00:26:19,890

to be a thousand feet long is this

587

00:26:24,890 --> 00:26:21,360

correct yeah

588

00:26:29,420 --> 00:26:24,900

I mean come on a thousand foot long

589

00:26:33,620 --> 00:26:29,430

object 25 feet underground or or okay

590

00:26:37,010 --> 00:26:33,630

series of objects distributed over a

591

00:26:39,110 --> 00:26:37,020

distance of about a thousand feet and a

592

00:26:43,120 --> 00:26:39,120

thousand foot area that it's spanning is

593

00:26:45,170 --> 00:26:43,130

around homestead to where a lot of the

594

00:26:46,940 --> 00:26:45,180

anomalous activities and things are

595

00:26:49,580 --> 00:26:46,950

breaking down like equipment failures

596

00:26:56,060 --> 00:26:49,590

battery failing all of that so that's

597

00:26:58,070 --> 00:26:56,070

kind of that area it is and I think you

598

00:27:00,260 --> 00:26:58,080

introduced that the right way I mean

599

00:27:05,000 --> 00:27:00,270

that area is especially interesting to

600

00:27:07,280 --> 00:27:05,010

us you know I'm not making any claims at

601  
00:27:10,030 --> 00:27:07,290  
this point as to assignable cause but it

602  
00:27:12,500 --> 00:27:10,040  
makes a lot of sense to study that area

603  
00:27:14,440 --> 00:27:12,510  
well just remember batteries finally

604  
00:27:20,290 --> 00:27:14,450  
worked on the GPR so you could do that

605  
00:27:24,590 --> 00:27:22,850  
where was it really was it really odd

606  
00:27:28,210 --> 00:27:24,600  
was it really I mean it's kind of

607  
00:27:33,170 --> 00:27:28,220  
commonplace like is it really out there

608  
00:27:35,980 --> 00:27:33,180  
I asked the question when we brought the

609  
00:27:38,690 --> 00:27:35,990  
instruments out of the out of the truck

610  
00:27:41,210 --> 00:27:38,700  
you know what's going on why why is why

611  
00:27:44,060 --> 00:27:41,220  
is the instrument already indicating you

612  
00:27:45,770 --> 00:27:44,070  
know such a low charge level and it was

613  
00:27:48,200 --> 00:27:45,780

the answer that I got that got my

614

00:27:50,780 --> 00:27:48,210

attention and I was told that the

615

00:27:53,540 --> 00:27:50,790

instrument was fully charged prior to

616

00:27:55,760 --> 00:27:53,550

these gentleman coming on site I sort of

617

00:27:57,830 --> 00:27:55,770

think it's my attention you know rapid

618

00:27:59,180 --> 00:27:57,840

anomalous battery discharge is something

619

00:28:02,210 --> 00:27:59,190

that we see in a lot of different

620

00:28:02,799 --> 00:28:02,220

devices and and so that's what I meant

621

00:28:06,519 --> 00:28:02,809

when I said

622

00:28:08,529 --> 00:28:06,529

and odd but then you know others

623

00:28:11,019 --> 00:28:08,539

including viewers have asked a very

624

00:28:12,310 --> 00:28:11,029

appropriate question well if it's if you

625

00:28:14,230 --> 00:28:12,320

have something that's doing this to

626

00:28:17,049 --> 00:28:14,240

boundaries then why are you able to even

627

00:28:18,700 --> 00:28:17,059

make up you know documentary how are you

628

00:28:21,249 --> 00:28:18,710

able to function at all and the answer

629

00:28:23,499 --> 00:28:21,259

that I give which I hope is not

630

00:28:25,869 --> 00:28:23,509

misunderstood as evasive the answer that

631

00:28:29,889 --> 00:28:25,879

I give is that it is episodic it's

632

00:28:31,060 --> 00:28:29,899

transient it comes and goes and perhaps

633

00:28:33,909 --> 00:28:31,070

that's one of its most interesting

634

00:28:35,039 --> 00:28:33,919

properties what's causing it to come and

635

00:28:38,440 --> 00:28:35,049

go right

636

00:28:40,659 --> 00:28:38,450

have there been attempts yet to I don't

637

00:28:43,810 --> 00:28:40,669

know to track that waxing and waning of

638

00:28:49,149 --> 00:28:43,820

it of that transient nature not sure try

639

00:28:51,930 --> 00:28:49,159

I imagine you have as you mentioned last

640

00:28:54,609 --> 00:28:51,940

week TJ it it did affect production

641

00:28:56,169 --> 00:28:54,619

production who did did experience some

642

00:28:58,509 --> 00:28:56,179

of this stuff obviously you're not going

643

00:28:59,680 --> 00:28:58,519

to see that on the TV show because I'm

644

00:29:01,720 --> 00:28:59,690

not going to show cameras going down

645

00:29:05,919 --> 00:29:01,730

well it's the footage you don't have

646

00:29:07,570 --> 00:29:05,929

okay yeah and you know I think I

647

00:29:10,210 --> 00:29:07,580

mentioned before you know pretty much

648

00:29:12,430 --> 00:29:10,220

across the board almost every piece of

649

00:29:16,409 --> 00:29:12,440

technology that we've put out on the

650

00:29:18,340 --> 00:29:16,419

ranch if it's there long enough it will

651  
00:29:21,970 --> 00:29:18,350  
experience some kind of a malfunction

652  
00:29:24,669 --> 00:29:21,980  
and atypical behavior that we don't see

653  
00:29:26,680 --> 00:29:24,679  
in other places you know eventually

654  
00:29:30,249 --> 00:29:26,690  
enough of these results stack up that we

655  
00:29:33,460 --> 00:29:30,259  
start to see a pattern and so in the

656  
00:29:36,460 --> 00:29:33,470  
spirit of Eric's trying to expand the

657  
00:29:39,070 --> 00:29:36,470  
reach of the the experimentation and the

658  
00:29:41,919 --> 00:29:39,080  
reach of people's interests if anyone

659  
00:29:43,779 --> 00:29:41,929  
who's listening has plausible

660  
00:29:45,190 --> 00:29:43,789  
explanations as to why these things

661  
00:29:47,470 --> 00:29:45,200  
happen that maybe we're just completely

662  
00:29:49,919 --> 00:29:47,480  
unaware of like you know batteries fail

663  
00:29:52,419 --> 00:29:49,929

because I don't know there's too much

664

00:29:54,700 --> 00:29:52,429

oregano in the room it's something silly

665

00:29:56,379 --> 00:29:54,710

like something we never think of but if

666

00:29:59,259 --> 00:29:56,389

there are explanations like that that

667

00:30:00,879 --> 00:29:59,269

you can you know put forth please like

668

00:30:02,440 --> 00:30:00,889

these are kind of things this is you

669

00:30:03,759 --> 00:30:02,450

know so Eric please tell us like talk to

670

00:30:05,919 --> 00:30:03,769

us about that I mean you're very

671

00:30:08,200 --> 00:30:05,929

interested in you know trying to help

672

00:30:10,450 --> 00:30:08,210

people help you or help will help this

673

00:30:16,090 --> 00:30:10,460

search absolutely you know I really I

674

00:30:16,870 --> 00:30:16,100

really enjoy the dialogue with with

675

00:30:18,490 --> 00:30:16,880

those people

676

00:30:22,150 --> 00:30:18,500

engage it with the right kind of

677

00:30:24,010 --> 00:30:22,160

discipline you know it's it's it's a

678

00:30:28,360 --> 00:30:24,020

balance between free free and creative

679

00:30:31,660 --> 00:30:28,370

thinking and you know being too too

680

00:30:33,010 --> 00:30:31,670

restrictive but you know for for those

681

00:30:34,750 --> 00:30:33,020

who are familiar with for example

682

00:30:37,570 --> 00:30:34,760

battery technology and I think I

683

00:30:41,350 --> 00:30:37,580

mentioned last time we spoke that a part

684

00:30:44,490 --> 00:30:41,360

of my career was in the development of

685

00:30:47,980 --> 00:30:44,500

battery charger and management circuitry

686

00:30:50,020 --> 00:30:47,990

so as it happens coincidentally I have

687

00:30:53,350 --> 00:30:50,030

experience with that and I raised the

688

00:30:55,720 --> 00:30:53,360

question and I think I have an answer to

689

00:30:58,500 --> 00:30:55,730

this question is it really the battery

690

00:31:00,850 --> 00:30:58,510

or is it the the charge management

691

00:31:02,650 --> 00:31:00,860

circuitry that's being affected and I

692

00:31:06,190 --> 00:31:02,660

think I have evidence to say that it is

693

00:31:09,310 --> 00:31:06,200

at least the latter if not both and so

694

00:31:11,710 --> 00:31:09,320

going back to your question I know that

695

00:31:13,120 --> 00:31:11,720

there are folks who have insights into

696

00:31:14,500 --> 00:31:13,130

this sort of thing perhaps from

697

00:31:18,100 --> 00:31:14,510

experience that they've had in other

698

00:31:21,130 --> 00:31:18,110

areas and I'd love to hear those

699

00:31:22,900 --> 00:31:21,140

theories are read those theories this is

700

00:31:26,260 --> 00:31:22,910

why we have to get Ben McGee talking

701  
00:31:28,000 --> 00:31:26,270  
with Eric right yeah yeah we we should

702  
00:31:29,950 --> 00:31:28,010  
get these two on a on a call together

703  
00:31:32,020 --> 00:31:29,960  
could you explain it tell Eric who Ben

704  
00:31:33,940 --> 00:31:32,030  
is so I didn't just he's like what the

705  
00:31:36,790 --> 00:31:33,950  
hell's has been McGee guy because nobody

706  
00:31:41,050 --> 00:31:36,800  
knows yeah

707  
00:31:42,730 --> 00:31:41,060  
so Ben is a what's his official

708  
00:31:46,150 --> 00:31:42,740  
geologist or what does he have some

709  
00:31:48,160 --> 00:31:46,160  
fancy title his fancy title calls itself

710  
00:31:49,690 --> 00:31:48,170  
an interdisciplinary science is because

711  
00:31:53,110 --> 00:31:49,700  
he is he's been up in radiation

712  
00:31:55,570 --> 00:31:53,120  
scientists he's a geologist at one time

713  
00:31:58,710 --> 00:31:55,580

he was he set up a company to train

714

00:32:01,240 --> 00:31:58,720

astronauts to go to space he's a

715

00:32:03,100 --> 00:32:01,250

multidisciplinary scientist he actually

716

00:32:07,780 --> 00:32:03,110

worked for a Robert Bigelow for a little

717

00:32:10,060 --> 00:32:07,790

bit so he we met him through the he was

718

00:32:13,000 --> 00:32:10,070

on a scientist on a UFO show and that's

719

00:32:14,800 --> 00:32:13,010

how we got introduced to him he's a

720

00:32:17,620 --> 00:32:14,810

really smart guy but we talked to him a

721

00:32:20,380 --> 00:32:17,630

bit about what some of the effects on

722

00:32:22,120 --> 00:32:20,390

the Mesa could relate to and he was

723

00:32:25,540 --> 00:32:22,130

super excited trying to come up with

724

00:32:27,010 --> 00:32:25,550

with some theories so yeah he'd

725

00:32:28,450 --> 00:32:27,020

definitely be a good person to connect

726

00:32:29,740 --> 00:32:28,460

with actually

727

00:32:34,650 --> 00:32:29,750

we spent a lot of time in the region

728

00:32:38,050 --> 00:32:34,660

doing geologic work and and

729

00:32:42,220 --> 00:32:38,060

radioactivity related work in that

730

00:32:43,900 --> 00:32:42,230

region perfect perfectly yeah these are

731

00:32:47,320 --> 00:32:43,910

the kinds of minds that with whom we

732

00:32:48,730 --> 00:32:47,330

want to engage yes it's just a matter of

733

00:32:50,590 --> 00:32:48,740

reaching that reaching out to them and

734

00:32:52,000 --> 00:32:50,600

are finding having them reach out to us

735

00:32:54,280 --> 00:32:52,010

and then finding the ones that were best

736

00:32:55,690 --> 00:32:54,290

fit but I mean these guys we had talked

737

00:32:57,400 --> 00:32:55,700

about him before and it's like you know

738

00:33:00,190 --> 00:32:57,410

the I think Eric yeah I think you would

739

00:33:01,870 --> 00:33:00,200

really you guys would really have a lot

740

00:33:04,930 --> 00:33:01,880

of fun together just kind of you know

741

00:33:06,760 --> 00:33:04,940

nerding out and i would love to put a

742

00:33:09,250 --> 00:33:06,770

camera on that nerding out that's gonna

743

00:33:12,850 --> 00:33:09,260

happen but we got to figure out a way to

744

00:33:14,680 --> 00:33:12,860

make that happen but so going forward

745

00:33:17,320 --> 00:33:14,690

so we're going back to this now we're

746

00:33:19,170 --> 00:33:17,330

back now we're into the C Block which is

747

00:33:21,880 --> 00:33:19,180

you know you guys are talking about the

748

00:33:24,310 --> 00:33:21,890

confirmed domes eight to twenty feet

749

00:33:28,600 --> 00:33:24,320

under underground same place with a

750

00:33:30,130 --> 00:33:28,610

drone drone did not work and here's a

751

00:33:33,160 --> 00:33:30,140

pretty basic question and you know if

752

00:33:35,080 --> 00:33:33,170

you can't that's fine because it might

753

00:33:38,200 --> 00:33:35,090

be hard to kind of abstractly to

754

00:33:41,230 --> 00:33:38,210

describe what the hell are people see

755

00:33:43,300 --> 00:33:41,240

when they look at the GPR screams when

756

00:33:44,920 --> 00:33:43,310

they're showing the results it's always

757

00:33:49,960 --> 00:33:44,930

these like wavy lines and everyone's

758

00:33:53,290 --> 00:33:49,970

like oh yeah I get it I think yeah never

759

00:33:55,150 --> 00:33:53,300

understands that well so part of me

760

00:33:58,630 --> 00:33:55,160

wants to jump to the front of the line

761

00:34:01,150 --> 00:33:58,640

and give the answer right and be seen as

762

00:34:02,590 --> 00:34:01,160

as a source of wisdom on this topic the

763

00:34:06,400 --> 00:34:02,600

other part of me wants to encourage

764

00:34:10,930 --> 00:34:06,410

those who are motivated to type it in

765

00:34:13,120 --> 00:34:10,940

and go look it up so I'll share a little

766

00:34:15,370 --> 00:34:13,130

but I don't want to preempt the others

767

00:34:16,840 --> 00:34:15,380

search into this you know one of the

768

00:34:19,630 --> 00:34:16,850

things that I'm hoping will happen as a

769

00:34:21,370 --> 00:34:19,640

as a natural byproduct of this of this

770

00:34:23,290 --> 00:34:21,380

documentary series is that we will get

771

00:34:25,450 --> 00:34:23,300

people taking that initiative to go

772

00:34:27,250 --> 00:34:25,460

research some of these topics a little

773

00:34:30,280 --> 00:34:27,260

more deeply for themselves rather than

774

00:34:32,500 --> 00:34:30,290

having me give my version of it and so

775

00:34:34,270 --> 00:34:32,510

again with the caveat that you know I'm

776

00:34:35,560 --> 00:34:34,280

trained as a plasma physicist I've

777

00:34:39,760 --> 00:34:35,570

worked as an electrical engineer and

778

00:34:42,670 --> 00:34:39,770

I've worked in other areas I'm not a

779

00:34:44,980 --> 00:34:42,680

geologist and I'm not a guy who

780

00:34:46,420 --> 00:34:44,990

teenee uses ground-penetrating radar but

781

00:34:52,900 --> 00:34:46,430

I think I understand that what we're

782

00:34:56,820 --> 00:34:52,910

seeing are the local variations in the

783

00:35:02,380 --> 00:34:56,830

material beneath the ground and how they

784

00:35:04,510 --> 00:35:02,390

either absorb or reflect the the RF

785

00:35:06,460 --> 00:35:04,520

signal that's coming down from the

786

00:35:10,030 --> 00:35:06,470

device and then coming back up off of

787

00:35:11,920 --> 00:35:10,040

them so as we as we move along the earth

788

00:35:14,290 --> 00:35:11,930

we should expect to see variations you

789

00:35:16,000 --> 00:35:14,300

mentioned the ripples right now the

790

00:35:17,770 --> 00:35:16,010

other features that really stand out to

791

00:35:20,130 --> 00:35:17,780

us because we're really good at pattern

792

00:35:22,240 --> 00:35:20,140

recognition I think these are visually

793

00:35:25,360 --> 00:35:22,250

the other thing that stands out are

794

00:35:31,870 --> 00:35:25,370

these are these very well defined curves

795

00:35:34,660 --> 00:35:31,880

these hyperbolic features and those

796

00:35:35,080 --> 00:35:34,670

result from perhaps one object right

797

00:35:40,810 --> 00:35:35,090

here

798

00:35:44,350 --> 00:35:40,820

might get a hyperboloid that spans the

799

00:35:47,050 --> 00:35:44,360

object so it's a localized cause here

800

00:35:50,110 --> 00:35:47,060

you know an effect that that is it is

801  
00:35:55,840 --> 00:35:50,120  
imaged by the system coming back up

802  
00:35:59,050 --> 00:35:55,850  
we should not misinterpret those those

803  
00:36:00,910 --> 00:35:59,060  
shapes as being the actual physical

804  
00:36:03,900 --> 00:36:00,920  
shape of an object leave the ground I

805  
00:36:07,630 --> 00:36:03,910  
hope I haven't butchered that too badly

806  
00:36:15,340 --> 00:36:07,640  
makes sense I mean better than most most

807  
00:36:19,660 --> 00:36:15,350  
of us probably do I'm here to be caught

808  
00:36:22,840 --> 00:36:19,670  
red-handed in the act of learning nice I

809  
00:36:25,150 --> 00:36:22,850  
like to do that with good company well

810  
00:36:26,680 --> 00:36:25,160  
I'm I'm glad you asked that question TJ

811  
00:36:28,660 --> 00:36:26,690  
because I had the same question as I was

812  
00:36:30,850 --> 00:36:28,670  
watching the show thinking man I wish I

813  
00:36:32,800 --> 00:36:30,860

knew how to interpret this data that I'm

814

00:36:34,390 --> 00:36:32,810

seeing on the screen because it was so

815

00:36:36,310 --> 00:36:34,400

exciting to be getting that and I could

816

00:36:38,560 --> 00:36:36,320

see how excited they were the people who

817

00:36:40,600 --> 00:36:38,570

knew how to read this so thank you for

818

00:36:42,370 --> 00:36:40,610

for that explanation and I think I will

819

00:36:54,250 --> 00:36:42,380

go do some digging and try to learn more

820

00:36:58,070 --> 00:36:54,260

about perfect yes thank you I'm only on

821

00:37:00,350 --> 00:36:58,080

the search result I haven't gotten that

822

00:37:04,280 --> 00:37:00,360

but ya know and I think that that's good

823

00:37:07,450 --> 00:37:04,290

it's kind of explaining to the the dumb

824

00:37:13,550 --> 00:37:07,460

down answer of that is no there is not a

825

00:37:15,500 --> 00:37:13,560

football shaped base necessarily under

826

00:37:19,430 --> 00:37:15,510

there we're not looking at the actual

827

00:37:21,920 --> 00:37:19,440

shape like you said the domes right you

828

00:37:23,420 --> 00:37:21,930

know in all fairness I don't want to

829

00:37:26,180 --> 00:37:23,430

say something that sounds like I'm

830

00:37:29,000 --> 00:37:26,190

contradicting what's been said in in the

831

00:37:33,440 --> 00:37:29,010

series in all fairness what you can have

832

00:37:36,140 --> 00:37:33,450

are associated sources of those signals

833

00:37:37,730 --> 00:37:36,150

that are distributed as as Travis did

834

00:37:38,990 --> 00:37:37,740

the exercise I loved the way he did this

835

00:37:40,760 --> 00:37:39,000

you know he took some paper

836

00:37:42,410 --> 00:37:40,770

they got handed him several pieces of

837

00:37:46,040 --> 00:37:42,420

paper he take them up on the screen and

838

00:37:48,170 --> 00:37:46,050

he started locating the apex of each of

839

00:37:51,320 --> 00:37:48,180

those features and looking at how they

840

00:37:55,609 --> 00:37:51,330

are distributed as a group and certainly

841

00:37:59,270 --> 00:37:55,619

those could be caused by features of

842

00:38:01,370 --> 00:37:59,280

some common object but my first

843

00:38:03,140 --> 00:38:01,380

interpretation of these was to say oh it

844

00:38:06,349 --> 00:38:03,150

looks like I have a pattern of objects

845

00:38:10,520 --> 00:38:06,359

here and that's the thousand foot long

846

00:38:13,700 --> 00:38:10,530

thing but I I think it's best for me to

847

00:38:15,020 --> 00:38:13,710

defer to the experts in that field sure

848

00:38:16,580 --> 00:38:15,030

no you're very good at that you don't

849

00:38:18,680 --> 00:38:16,590

like to speak out of turn and me all

850

00:38:20,150 --> 00:38:18,690

right you stay in your lane you know

851  
00:38:23,930 --> 00:38:20,160  
what you know and you don't like to kind

852  
00:38:27,080 --> 00:38:23,940  
of beer right right yes what Travis

853  
00:38:30,050 --> 00:38:27,090  
noticed was a pattern yeah just

854  
00:38:34,190 --> 00:38:30,060  
distribution so you know what somebody's

855  
00:38:35,680 --> 00:38:34,200  
head said though those the the domes

856  
00:38:38,359 --> 00:38:35,690  
were the anomalies that they had seen

857  
00:38:40,310 --> 00:38:38,369  
they were like oh you know this this it

858  
00:38:43,220 --> 00:38:40,320  
looks like he could be metal but GPR

859  
00:38:43,910 --> 00:38:43,230  
does not determine what that element is

860  
00:38:47,359 --> 00:38:43,920  
correct

861  
00:38:50,180 --> 00:38:47,369  
um yeah again in my rudimentary

862  
00:38:52,099 --> 00:38:50,190  
understanding of GPR it's the strength

863  
00:38:55,849 --> 00:38:52,109

of the signal how well define the signal

864

00:38:57,770 --> 00:38:55,859

is may may be an indicator of how

865

00:39:00,349 --> 00:38:57,780

different the material is that's

866

00:39:03,550 --> 00:39:00,359

responsible for that reflection from its

867

00:39:05,990 --> 00:39:03,560

surroundings but as far as identifying

868

00:39:08,330 --> 00:39:06,000

you know the elemental composition of

869

00:39:10,500 --> 00:39:08,340

the material I don't think it gives us

870

00:39:12,690 --> 00:39:10,510

that information right I didn't

871

00:39:14,790 --> 00:39:12,700

so either and listen do you guys know

872

00:39:16,410 --> 00:39:14,800

any of this I believe on the show they

873

00:39:18,150 --> 00:39:16,420

were even speculating that boulders

874

00:39:22,350 --> 00:39:18,160

could potentially cause it so I think

875

00:39:24,180 --> 00:39:22,360

that answers it a little bit sure yeah I

876

00:39:27,720 --> 00:39:24,190

think there's a whole whole stream of

877

00:39:30,990 --> 00:39:27,730

things that are possibilities with that

878

00:39:32,730 --> 00:39:31,000

same kind of looking data right and so I

879

00:39:34,950 --> 00:39:32,740

wonder if we would all agree that the

880

00:39:35,720 --> 00:39:34,960

take home from this is we need to look

881

00:39:38,520 --> 00:39:35,730

some more

882

00:39:39,000 --> 00:39:38,530

absolutely I think everyone's we're all

883

00:39:42,780 --> 00:39:39,010

looking ahead

884

00:39:44,460 --> 00:39:42,790

yep you know and when I make the

885

00:39:46,140 --> 00:39:44,470

statement it may or may not be

886

00:39:48,780 --> 00:39:46,150

understood right away when I say you

887

00:39:51,480 --> 00:39:48,790

know let's be led by the data let's let

888

00:39:53,670 --> 00:39:51,490

what we do be motivated by what we have

889

00:39:55,890 --> 00:39:53,680

done and what we have seen and so this

890

00:39:57,540 --> 00:39:55,900

is how we we proceed forward you know

891

00:39:59,790 --> 00:39:57,550

that first test I think was a very good

892

00:40:01,500 --> 00:39:59,800

one obviously I you know this is one of

893

00:40:04,350 --> 00:40:01,510

the few times when you see me smugly in

894

00:40:05,610 --> 00:40:04,360

this you know you know I was quite happy

895

00:40:07,230 --> 00:40:05,620

that we were actually out there doing

896

00:40:09,420 --> 00:40:07,240

something that contemplated doing for

897

00:40:12,360 --> 00:40:09,430

quite some time and so I I'm excited

898

00:40:14,310 --> 00:40:12,370

about the potential of extending

899

00:40:17,520 --> 00:40:14,320

expanding that study across the property

900

00:40:19,280 --> 00:40:17,530

as much as we can yeah and I I think

901  
00:40:22,800 --> 00:40:19,290  
I've read somewhere to that I was like

902  
00:40:25,230 --> 00:40:22,810  
that similar kind of not necessarily on

903  
00:40:27,450 --> 00:40:25,240  
the scope of what is appearing here but

904  
00:40:29,970 --> 00:40:27,460  
grandpa in trading radar too has been

905  
00:40:34,680 --> 00:40:29,980  
used to find burial sites and you are on

906  
00:40:38,040 --> 00:40:34,690  
old Native American grounds so it's you

907  
00:40:40,200 --> 00:40:38,050  
know there's so much that could be down

908  
00:40:42,180 --> 00:40:40,210  
there so it's really intriguing - let's

909  
00:40:45,690 --> 00:40:42,190  
find out what it is yeah

910  
00:40:48,110 --> 00:40:45,700  
and hopefully not disturb any uh burial

911  
00:40:50,610 --> 00:40:48,120  
sites I should say that preface that I

912  
00:40:53,430 --> 00:40:50,620  
appreciate that outlook you know I feel

913  
00:40:55,620 --> 00:40:53,440

the same way I guess you know some will

914

00:40:57,870 --> 00:40:55,630

look at what I've done is being light

915

00:40:59,940 --> 00:40:57,880

handed particularly out of concern for

916

00:41:02,160 --> 00:40:59,950

not disturbing the very thing that I'm

917

00:41:04,500 --> 00:41:02,170

trying to study or not disturbing

918

00:41:06,720 --> 00:41:04,510

something that is very important to

919

00:41:08,340 --> 00:41:06,730

others so there's a right way in a wrong

920

00:41:10,800 --> 00:41:08,350

way to do this I don't just charge in

921

00:41:13,260 --> 00:41:10,810

out of curiosity and start excavating I

922

00:41:15,740 --> 00:41:13,270

like this approach that that you see us

923

00:41:17,790 --> 00:41:15,750

taking in this episode where we are

924

00:41:20,160 --> 00:41:17,800

motivating further steps

925

00:41:23,250 --> 00:41:20,170

obviously we chose our location for four

926  
00:41:24,240 --> 00:41:23,260  
reasons grounded in our history and we

927  
00:41:27,060 --> 00:41:24,250  
came in and we

928  
00:41:29,850 --> 00:41:27,070  
we looked at what might be considered

929  
00:41:32,940 --> 00:41:29,860  
just a probe of the question sure and

930  
00:41:35,610 --> 00:41:32,950  
and now I would say if we have the

931  
00:41:39,270 --> 00:41:35,620  
opportunity which I expect we will we

932  
00:41:40,220 --> 00:41:39,280  
need to do that again on a much larger

933  
00:41:43,800 --> 00:41:40,230  
scale

934  
00:41:45,870 --> 00:41:43,810  
absolutely so then going back or going

935  
00:41:47,940 --> 00:41:45,880  
into the d-block we have you know

936  
00:41:52,170 --> 00:41:47,950  
basically the more anomalies underground

937  
00:41:56,250 --> 00:41:52,180  
in that area and then we have the

938  
00:41:59,670 --> 00:41:56,260

lifting up of the concrete cap and then

939

00:42:06,390 --> 00:41:59,680

express what we are led to believe is

940

00:42:09,090 --> 00:42:06,400

exposure to I am ionizing radiation holy

941

00:42:10,800 --> 00:42:09,100

mines beeping come back so stories about

942

00:42:12,680 --> 00:42:10,810

once one yes one twenty something that's

943

00:42:16,080 --> 00:42:12,690

pretty high that's pretty high

944

00:42:17,640 --> 00:42:16,090

this is really scary my dosimeter device

945

00:42:20,220 --> 00:42:17,650

which measures exposure to ionizing

946

00:42:21,900 --> 00:42:20,230

radiation it's showing that I just got

947

00:42:24,630 --> 00:42:21,910

hit with a hundred and twenty mill rats

948

00:42:26,790 --> 00:42:24,640

per second that's like getting 20,000

949

00:42:29,040 --> 00:42:26,800

full-body x-ray scans in an airport

950

00:42:32,400 --> 00:42:29,050

which is five times more than the legal

951  
00:42:34,820 --> 00:42:32,410  
limit allows in a year so there are lots

952  
00:42:37,230 --> 00:42:34,830  
of different kinds of radiation

953  
00:42:39,000 --> 00:42:37,240  
detecting devices the one they were

954  
00:42:40,800 --> 00:42:39,010  
using the ones they were using you guys

955  
00:42:42,420 --> 00:42:40,810  
were issued those right when you got

956  
00:42:46,440 --> 00:42:42,430  
there those red ones and what were those

957  
00:42:48,600 --> 00:42:46,450  
though I do you ever so you know I never

958  
00:42:51,420 --> 00:42:48,610  
looked inside but it's my understanding

959  
00:42:55,860 --> 00:42:51,430  
that these are the solid-state okay

960  
00:42:59,070 --> 00:42:55,870  
gamma detecting devices they may have

961  
00:43:01,530 --> 00:42:59,080  
also been sensitive to betas but alphas

962  
00:43:03,720 --> 00:43:01,540  
don't really penetrate so I don't I

963  
00:43:05,460 --> 00:43:03,730

don't I don't remember seeing a window

964

00:43:08,040 --> 00:43:05,470

like a mica window on them that we've

965

00:43:10,140 --> 00:43:08,050

allowed for the detection of alphas but

966

00:43:14,160 --> 00:43:10,150

maybe that was there too it's been a

967

00:43:16,860 --> 00:43:14,170

while okay I mean again the collaborate

968

00:43:18,930 --> 00:43:16,870

Travis's claims I did the same thing

969

00:43:20,790 --> 00:43:18,940

that damn concrete that I should not

970

00:43:23,400 --> 00:43:20,800

have picked it up it was the day in

971

00:43:26,220 --> 00:43:23,410

erekle know this so not getting into too

972

00:43:28,830 --> 00:43:26,230

many details or spoilers but we were

973

00:43:31,350 --> 00:43:28,840

doing an interview that same day the day

974

00:43:34,170 --> 00:43:31,360

that I I had done that and ended up with

975

00:43:35,610 --> 00:43:34,180

it with marks on myself as well and I

976

00:43:36,570 --> 00:43:35,620

got hit by that door when the door one

977

00:43:38,190 --> 00:43:36,580

of the doors fell off at the homestead

978

00:43:42,270 --> 00:43:38,200

we were interviewing

979

00:43:44,609 --> 00:43:42,280

someone who was kind of someone who was

980

00:43:48,420 --> 00:43:44,619

talking about what could potentially lie

981

00:43:50,010 --> 00:43:48,430

underneath and and I don't know if you

982

00:43:51,329 --> 00:43:50,020

remember that event but it when you and

983

00:43:52,859 --> 00:43:51,339

I were doing that and we were kneeled

984

00:43:55,800 --> 00:43:52,869

behind the trees during in the interview

985

00:43:58,040 --> 00:43:55,810

and at that point that's that was just

986

00:44:01,470 --> 00:43:58,050

after I had lifted all of that stuff and

987

00:44:04,260 --> 00:44:01,480

I went home and that's when I was the

988

00:44:05,760 --> 00:44:04,270

most sick I had been right after that so

989

00:44:07,410 --> 00:44:05,770

I don't know if that has anything to do

990

00:44:10,140 --> 00:44:07,420

if there's any kind of correlation there

991

00:44:12,569 --> 00:44:10,150

but it's just I we didn't have anything

992

00:44:15,810 --> 00:44:12,579

to measure that measure any of those any

993

00:44:19,800 --> 00:44:15,820

of that stuff so yeah nine months of

994

00:44:22,079 --> 00:44:19,810

sunburn ish type stuff I remember you

995

00:44:23,640 --> 00:44:22,089

describing that to me when we would

996

00:44:26,670 --> 00:44:23,650

speak on the phone and I remember the

997

00:44:31,230 --> 00:44:26,680

difficulty that your physicians had with

998

00:44:33,720 --> 00:44:31,240

identifying exactly what was it and what

999

00:44:34,890 --> 00:44:33,730

would have been the cause did you did

1000

00:44:36,569 --> 00:44:34,900

you ever get what you thought was a

1001  
00:44:39,930 --> 00:44:36,579  
satisfactory answer there's nothing

1002  
00:44:42,569 --> 00:44:39,940  
nothing it was it was it was respiratory

1003  
00:44:45,540 --> 00:44:42,579  
and I did have lesions I did have some

1004  
00:44:47,430 --> 00:44:45,550  
kind of but here to be burns but I mean

1005  
00:44:48,690 --> 00:44:47,440  
you know I was getting you're walking

1006  
00:44:50,400 --> 00:44:48,700  
through the woods you're getting you

1007  
00:44:52,319 --> 00:44:50,410  
know chip or cuts or whatever so you

1008  
00:44:55,470 --> 00:44:52,329  
don't really know what I mean to see it

1009  
00:44:57,270 --> 00:44:55,480  
see him have the same kind of markings

1010  
00:44:59,430 --> 00:44:57,280  
it's like oh maybe maybe it's something

1011  
00:45:01,020 --> 00:44:59,440  
but I could never I can't prove that I

1012  
00:45:03,240 --> 00:45:01,030  
mean I you know but it was just

1013  
00:45:04,650 --> 00:45:03,250

coincidental that wow he's got that he

1014

00:45:07,550 --> 00:45:04,660

had the same of the same marks that I

1015

00:45:09,089 --> 00:45:07,560

did in the same location after the same

1016

00:45:12,300 --> 00:45:09,099

stupid move

1017

00:45:14,910 --> 00:45:12,310

ie lifting up a big-ass concrete

1018

00:45:18,420 --> 00:45:14,920

freaking casing yeah that wasn't smart

1019

00:45:20,010 --> 00:45:18,430

um I don't know I it's natural to be

1020

00:45:21,900 --> 00:45:20,020

curious what's in there I mean it is

1021

00:45:25,319 --> 00:45:21,910

it's clearly an artificial structure

1022

00:45:27,510 --> 00:45:25,329

it's you know it looks like a well and I

1023

00:45:30,780 --> 00:45:27,520

as far as we can tell that's that's what

1024

00:45:33,089 --> 00:45:30,790

it is there was water in there it may

1025

00:45:36,329 --> 00:45:33,099

interest you to know that I returned to

1026  
00:45:41,900 --> 00:45:36,339  
that site several times with measurement

1027  
00:45:46,490 --> 00:45:41,910  
devices and with the exception of a

1028  
00:45:49,260 --> 00:45:46,500  
couple of short visits when I would

1029  
00:45:51,510 --> 00:45:49,270  
literally poke the device down into that

1030  
00:45:55,290 --> 00:45:51,520  
area where that early

1031  
00:45:58,230 --> 00:45:55,300  
I didn't see anything hmm and so again

1032  
00:46:01,530 --> 00:45:58,240  
this goes to the diocese yeah

1033  
00:46:04,170 --> 00:46:01,540  
I it makes me it makes me uncomfortable

1034  
00:46:05,460 --> 00:46:04,180  
describing everything is transient what

1035  
00:46:07,200 --> 00:46:05,470  
do you do when everything's trains about

1036  
00:46:13,940 --> 00:46:07,210  
you know it's it is what it is

1037  
00:46:20,760 --> 00:46:17,940  
yeah there does it have anything to do

1038  
00:46:22,620 --> 00:46:20,770

with the well itself or is it something

1039

00:46:26,790 --> 00:46:22,630

to do with that area and I think that's

1040

00:46:30,750 --> 00:46:26,800

the right question yeah question back to

1041

00:46:32,490 --> 00:46:30,760

the the radiation and just I don't know

1042

00:46:36,230 --> 00:46:32,500

if you can answer this but it was just

1043

00:46:39,270 --> 00:46:36,240

curious the type of radiation that

1044

00:46:42,630 --> 00:46:39,280

Travis and Jim were supposedly exposed

1045

00:46:54,960 --> 00:46:42,640

to is that the same type of radiation

1046

00:46:57,900 --> 00:46:54,970

put out by the GPR machine no because we

1047

00:47:00,690 --> 00:46:57,910

use these terms sometimes loosely I mean

1048

00:47:06,200 --> 00:47:00,700

it is radiation in the sense that yes it

1049

00:47:11,490 --> 00:47:09,510

when we're talking about GPR we're

1050

00:47:13,820 --> 00:47:11,500

talking about what we sometimes call RF

1051  
00:47:15,600 --> 00:47:13,830  
or radio frequency we're talking about

1052  
00:47:18,930 --> 00:47:15,610  
electromagnetic waves that are being

1053  
00:47:20,550 --> 00:47:18,940  
sent into in this case the ground like a

1054  
00:47:21,720 --> 00:47:20,560  
radio so think of it as a radio station

1055  
00:47:26,340 --> 00:47:21,730  
that you're dragging along the ground

1056  
00:47:28,440 --> 00:47:26,350  
right in in the case of the ionizing

1057  
00:47:30,960 --> 00:47:28,450  
radiation that was mentioned and that

1058  
00:47:33,540 --> 00:47:30,970  
it's is picked up by those red devices

1059  
00:47:35,900 --> 00:47:33,550  
or by a Geiger counter or something like

1060  
00:47:39,270 --> 00:47:35,910  
that you're looking at something else

1061  
00:47:42,990 --> 00:47:39,280  
and and Europe there are categories of

1062  
00:47:44,520 --> 00:47:43,000  
some things else that that might bear

1063  
00:47:48,870 --> 00:47:44,530

mentioning here so you could be seeing

1064

00:47:52,440 --> 00:47:48,880

gamma rays this is electromagnetic

1065

00:47:54,920 --> 00:47:52,450

radiation typically higher energy it's

1066

00:47:58,620 --> 00:47:54,930

one of the byproducts of for example

1067

00:48:01,460 --> 00:47:58,630

nuclear decay event or even a fusion

1068

00:48:05,250 --> 00:48:01,470

event so there's that type of energy

1069

00:48:09,980 --> 00:48:07,560

pretty common I have like I said I have

1070

00:48:12,300 --> 00:48:09,990

some here but then there there's also

1071

00:48:14,070 --> 00:48:12,310

what we referred to as beta radiation

1072

00:48:15,570 --> 00:48:14,080

which really we're just talking about

1073

00:48:21,000 --> 00:48:15,580

electrons you know that have been

1074

00:48:23,790 --> 00:48:21,010

ejected from a nucleus also a let the

1075

00:48:28,680 --> 00:48:23,800

fission by-product and then there's

1076

00:48:31,020 --> 00:48:28,690

alphas these are basically helium nuclei

1077

00:48:32,880 --> 00:48:31,030

without any electrons just a just a

1078

00:48:36,690 --> 00:48:32,890

couple of protons and a couple of

1079

00:48:38,730 --> 00:48:36,700

nutrients zipping out and and each of

1080

00:48:41,180 --> 00:48:38,740

these things can do things not just to

1081

00:48:45,170 --> 00:48:41,190

our instruments but also to our our

1082

00:48:47,340 --> 00:48:45,180

physiology and not all of them good

1083

00:48:49,530 --> 00:48:47,350

there are a lot of different radiation

1084

00:48:52,220 --> 00:48:49,540

types clearly that's right so the

1085

00:48:55,020 --> 00:48:52,230

distinguishing you know the term

1086

00:48:56,940 --> 00:48:55,030

ionizing radiation you know do we

1087

00:49:00,720 --> 00:48:56,950

understand what that means or would that

1088

00:49:02,550 --> 00:49:00,730

bear some explanation here no please I

1089

00:49:07,470 --> 00:49:02,560

don't understand it I mean if you guys

1090

00:49:09,180 --> 00:49:07,480

here so what we're talking about is

1091

00:49:10,950 --> 00:49:09,190

we're taking you know material in its

1092

00:49:12,840 --> 00:49:10,960

natural state you know say an atom with

1093

00:49:15,030 --> 00:49:12,850

all its electrons and we might be

1094

00:49:17,310 --> 00:49:15,040

knocking some of those electrons

1095

00:49:19,859 --> 00:49:17,320

completely out of their orbits if you

1096

00:49:25,530 --> 00:49:19,869

will out of their orbitals and taking

1097

00:49:28,050 --> 00:49:25,540

them away from the from the host atom so

1098

00:49:30,300 --> 00:49:28,060

these kinds of you know where you put

1099

00:49:32,580 --> 00:49:30,310

energy into the system you know the the

1100

00:49:34,920 --> 00:49:32,590

the atom or the molecule we put energy

1101

00:49:39,450 --> 00:49:34,930

in because of incoming radiation what

1102

00:49:42,720 --> 00:49:39,460

happens is you can break molecular bonds

1103

00:49:46,320 --> 00:49:42,730

such as make up our proteins and our in

1104

00:49:51,390 --> 00:49:46,330

our genes that's bad okay maybe maybe I

1105

00:49:55,349 --> 00:49:51,400

should have just said bad but I ins is

1106

00:49:56,849 --> 00:49:55,359

nothing is nothing to trifle with you

1107

00:50:00,000 --> 00:49:56,859

know it's something that can be quite

1108

00:50:01,920 --> 00:50:00,010

harmful and the harm can be long-term or

1109

00:50:05,730 --> 00:50:01,930

it can just be an injury like a burn

1110

00:50:08,070 --> 00:50:05,740

that we can heal from okay our

1111

00:50:11,340 --> 00:50:08,080

attendings have to explain them oh sure

1112

00:50:12,390 --> 00:50:11,350

seriously no I think you did I mean this

1113

00:50:13,830 --> 00:50:12,400

is stuff that people want to hear

1114

00:50:16,620 --> 00:50:13,840

because we're not getting enough of that

1115

00:50:19,110 --> 00:50:16,630

in the show I mean it's just because of

1116

00:50:21,930 --> 00:50:19,120

time I mean to get a deep dive it's

1117

00:50:24,000 --> 00:50:21,940

I really love Travis and Jim's

1118

00:50:27,750 --> 00:50:24,010

explanations of the very same topics I

1119

00:50:29,730 --> 00:50:27,760

think they do a more succinct job than I

1120

00:50:32,580 --> 00:50:29,740

do yeah I don't kid yourself you do an

1121

00:50:34,950 --> 00:50:32,590

awesome job I love this here to you now

1122

00:50:36,870 --> 00:50:34,960

so II block we go into and we're just

1123

00:50:38,760 --> 00:50:36,880

talking about more of the thousand foot

1124

00:50:40,500 --> 00:50:38,770

object an anomalous object in that area

1125

00:50:42,510 --> 00:50:40,510

and then we go to the f-block where it's

1126

00:50:45,690 --> 00:50:42,520

kind of like well yeah it's time to

1127

00:50:47,430 --> 00:50:45,700

start digging and you know not to give

1128

00:50:50,910 --> 00:50:47,440

too much away for what you said but the

1129

00:50:57,120 --> 00:50:50,920

teaser you do get into a we do see

1130

00:50:59,190 --> 00:50:57,130

alpacas about being brought oh no so

1131

00:51:01,170 --> 00:50:59,200

there are other biosensors right Eric

1132

00:51:03,660 --> 00:51:01,180

what's the alpaca what was the what's

1133

00:51:05,160 --> 00:51:03,670

the reasoning behind alpacas as a poker

1134

00:51:07,140 --> 00:51:05,170

as opposed to any of the other animals

1135

00:51:11,880 --> 00:51:07,150

or beasts you know creatures we could

1136

00:51:13,920 --> 00:51:11,890

put in the ranch well Peck us so I I

1137

00:51:17,850 --> 00:51:13,930

want to speak to this without making

1138

00:51:19,950 --> 00:51:17,860

anyone angry at me look we know that

1139

00:51:23,580 --> 00:51:19,960

there have been events with animals in

1140

00:51:25,740 --> 00:51:23,590

the past gory events mutilations sure

1141

00:51:29,520 --> 00:51:25,750

and there's all kinds of speculation as

1142

00:51:32,340 --> 00:51:29,530

to who or what is doing it we've we've

1143

00:51:38,520 --> 00:51:32,350

had reports of things happening to cows

1144

00:51:41,700 --> 00:51:38,530

and bulls and calves and dogs there's

1145

00:51:45,060 --> 00:51:41,710

one line of thinking that says that the

1146

00:51:48,600 --> 00:51:45,070

phenomenon if we allow ourselves to

1147

00:51:50,850 --> 00:51:48,610

attribute volition to it is novelty

1148

00:51:52,860 --> 00:51:50,860

seeking or novelty sensitive meaning

1149

00:51:54,860 --> 00:51:52,870

when you introduce something new to the

1150

00:51:56,940 --> 00:51:54,870

property perhaps you get a new

1151  
00:51:59,220 --> 00:51:56,950  
phenomenology or a new reaction

1152  
00:52:00,990 --> 00:51:59,230  
look I'm not I'm not saying that that's

1153  
00:52:02,850 --> 00:52:01,000  
the case I'm not asserting it I'm

1154  
00:52:05,910 --> 00:52:02,860  
basically repeating something that's

1155  
00:52:09,840 --> 00:52:05,920  
been said to me before so it occurred to

1156  
00:52:11,760 --> 00:52:09,850  
me that a reasonable test of this would

1157  
00:52:13,740 --> 00:52:11,770  
be to introduce animal species onto the

1158  
00:52:16,290 --> 00:52:13,750  
ranch that have perhaps never been there

1159  
00:52:17,490 --> 00:52:16,300  
before I'm sure you follow this line of

1160  
00:52:20,070 --> 00:52:17,500  
thinking right absolutely

1161  
00:52:22,260 --> 00:52:20,080  
something new there I and so I was

1162  
00:52:24,630 --> 00:52:22,270  
joking with Brandon about all the all

1163  
00:52:26,400 --> 00:52:24,640

the exact kind of animals that we might

1164

00:52:27,750 --> 00:52:26,410

introduce because I'm pretty sure there

1165

00:52:30,810 --> 00:52:27,760

haven't been any ostriches on that

1166

00:52:32,520 --> 00:52:30,820

property I'm pretty sure that there

1167

00:52:36,620 --> 00:52:32,530

haven't been any silverback gorillas

1168

00:52:40,350 --> 00:52:36,630

or you know and so that would be awesome

1169

00:52:42,480 --> 00:52:40,360

alligators sweater you know so so you

1170

00:52:47,130 --> 00:52:42,490

know just just brainstorming I think

1171

00:52:50,100 --> 00:52:47,140

putting alpacas is a way to test the

1172

00:52:52,410 --> 00:52:50,110

hypothesis of did we see anything might

1173

00:52:56,940 --> 00:52:52,420

we see something to happen if we

1174

00:52:59,190 --> 00:52:56,950

introduced that novel species the goal

1175

00:53:03,810 --> 00:52:59,200

is not and I want to be clear about this

1176

00:53:06,510 --> 00:53:03,820

it is not to see an animal harmed

1177

00:53:08,400 --> 00:53:06,520

I think it's been made pretty clear and

1178

00:53:11,430 --> 00:53:08,410

right at people they know that's not

1179

00:53:13,910 --> 00:53:11,440

that's not the intention it's trying to

1180

00:53:17,460 --> 00:53:13,920

draw something out I mean you know sure

1181

00:53:19,260 --> 00:53:17,470

sure you know at least my reaction to

1182

00:53:22,560 --> 00:53:19,270

seeing an alpaca is not to harm it I

1183

00:53:24,810 --> 00:53:22,570

think they're kind of cute and I think

1184

00:53:27,420 --> 00:53:24,820

you still get huge tax breaks if you own

1185

00:53:28,980 --> 00:53:27,430

alpaca isn't that a thing I'm pretty

1186

00:53:31,860 --> 00:53:28,990

sure that's a thing yeah it was the

1187

00:53:35,130 --> 00:53:31,870

thing I know for years Oh check it my

1188

00:53:36,510 --> 00:53:35,140

HOA allows for it seriously I think if

1189

00:53:39,270 --> 00:53:36,520

you owned a certain number of a pakka

1190

00:53:41,460 --> 00:53:39,280

you got like ridiculous tax breaks for

1191

00:53:42,660 --> 00:53:41,470

some unknown reason I don't know if

1192

00:53:45,900 --> 00:53:42,670

that's still true or not but I know it

1193

00:53:47,700 --> 00:53:45,910

was at one point so all right Eric

1194

00:53:50,760 --> 00:53:47,710

that's kind of so we've gone through you

1195

00:53:53,010 --> 00:53:50,770

know our last episode and I think you

1196

00:53:56,730 --> 00:53:53,020

know we can get to some of the questions

1197

00:53:57,840 --> 00:53:56,740

direct from the magical internet there's

1198

00:53:59,550 --> 00:53:57,850

sent questions I mean we could do it

1199

00:54:00,990 --> 00:53:59,560

like last time Morini if you want to go

1200

00:54:03,090 --> 00:54:01,000

first please you could be the first

1201  
00:54:04,530 --> 00:54:03,100  
thumb I don't think those are emails and

1202  
00:54:09,290 --> 00:54:04,540  
then Jason could take the Twitter ones

1203  
00:54:12,780 --> 00:54:09,300  
and I'll do the Facebook ones and so

1204  
00:54:15,450 --> 00:54:12,790  
John has a couple questions

1205  
00:54:17,160 --> 00:54:15,460  
he spoke about in episode 5 we saw that

1206  
00:54:19,350 --> 00:54:17,170  
there may be heightened radiation coming

1207  
00:54:21,540 --> 00:54:19,360  
from the well has there been any testing

1208  
00:54:23,940 --> 00:54:21,550  
done on that well in the water within it

1209  
00:54:26,370 --> 00:54:23,950  
if so what could account for such high

1210  
00:54:28,650 --> 00:54:26,380  
levels of radiation and a well do any

1211  
00:54:30,990 --> 00:54:28,660  
neighbors have reports of radiation from

1212  
00:54:31,760 --> 00:54:31,000  
their well water these are great

1213  
00:54:35,420 --> 00:54:31,770

questions

1214

00:54:37,800 --> 00:54:35,430

I haven't participated in any

1215

00:54:41,730 --> 00:54:37,810

radioactive characterization of the

1216

00:54:43,470 --> 00:54:41,740

water in that well I mentioned earlier

1217

00:54:46,260 --> 00:54:43,480

that I have personally taken

1218

00:54:50,280 --> 00:54:46,270

measurements in the vicinity of the well

1219

00:54:52,710 --> 00:54:50,290

um and when the the lead has been moved

1220

00:54:55,020 --> 00:54:52,720

back just a bit you know actually poked

1221

00:54:59,880 --> 00:54:55,030

an instrument down in there to see what

1222

00:55:04,950 --> 00:54:59,890

might show up and again here's that word

1223

00:55:08,640 --> 00:55:04,960

transient you know with rare exception I

1224

00:55:11,100 --> 00:55:08,650

see nothing there and as for the as for

1225

00:55:14,580 --> 00:55:11,110

the the rest of the question it's a good

1226

00:55:16,710 --> 00:55:14,590

question just had several parts about

1227

00:55:18,000 --> 00:55:16,720

the surrounding properties neighboring

1228

00:55:20,130 --> 00:55:18,010

properties and you know are people

1229

00:55:24,359 --> 00:55:20,140

seeing radiate great radioactivity there

1230

00:55:26,490 --> 00:55:24,369

I I have to say I don't know but that

1231

00:55:32,550 --> 00:55:26,500

question motivates me to try to do a

1232

00:55:34,400 --> 00:55:32,560

little digging that's not but but I

1233

00:55:36,540 --> 00:55:34,410

appreciate the question because it

1234

00:55:38,130 --> 00:55:36,550

raises a good point maybe we should be

1235

00:55:40,890 --> 00:55:38,140

finding out whether there has been any

1236

00:55:48,020 --> 00:55:40,900

kind of radiation characterization done

1237

00:55:50,340 --> 00:55:48,030

and nearby properties yeah so yeah and

1238

00:55:52,470 --> 00:55:50,350

John also wants to know if you've

1239

00:55:55,230 --> 00:55:52,480

experienced any equipment malfunctions

1240

00:55:57,890 --> 00:55:55,240

off the ranch such as when you're

1241

00:56:00,000 --> 00:55:57,900

traveling around the basin yes

1242

00:56:00,900 --> 00:56:00,010

neither could you elaborate on that at

1243

00:56:02,040 --> 00:56:00,910

all has there been anything in

1244

00:56:03,210 --> 00:56:02,050

particular that you're noticing that

1245

00:56:06,630 --> 00:56:03,220

goes out all the time

1246

00:56:09,330 --> 00:56:06,640

sure I guess how I approach this

1247

00:56:12,630 --> 00:56:09,340

question depends upon whether it is me

1248

00:56:15,780 --> 00:56:12,640

personally or whether it is to our team

1249

00:56:18,170 --> 00:56:15,790

it kind of in the aggregate I should

1250

00:56:26,250 --> 00:56:18,180

probably only speak to my own experience

1251  
00:56:30,420 --> 00:56:26,260  
is that fair absolutely okay so one

1252  
00:56:32,370 --> 00:56:30,430  
thing when one of the kind of strange

1253  
00:56:35,099 --> 00:56:32,380  
things that happened during one of my

1254  
00:56:39,150 --> 00:56:35,109  
trips to the ranch or following one of

1255  
00:56:42,020 --> 00:56:39,160  
my trips to the ranch I should say as I

1256  
00:56:44,970 --> 00:56:42,030  
was on my way back from the property I

1257  
00:56:49,140 --> 00:56:44,980  
looked at my GPS and discovered that I

1258  
00:56:51,150 --> 00:56:49,150  
had instead of the usual two to three

1259  
00:56:54,390 --> 00:56:51,160  
hour trip ahead of me I had about a 13

1260  
00:56:58,790 --> 00:56:54,400  
hour trip ahead of me because the GPS

1261  
00:57:04,770 --> 00:57:02,460  
it's about dock at night you angel me to

1262  
00:57:08,849 --> 00:57:04,780  
the Twitter questions sure go for it

1263  
00:57:11,700 --> 00:57:08,859

all right well Edie asks what was the

1264

00:57:13,620 --> 00:57:11,710

range in Hertz that was subject to the

1265

00:57:17,040 --> 00:57:13,630

intense transmissions at the beginning

1266

00:57:18,930 --> 00:57:17,050

of the episode I would I would like to

1267

00:57:20,930 --> 00:57:18,940

suggest that we saved that question for

1268

00:57:24,690 --> 00:57:20,940

Travis I believe that was his

1269

00:57:26,670 --> 00:57:24,700

observation and I know that we're seeing

1270

00:57:32,250 --> 00:57:26,680

a portion of that exercise that he

1271

00:57:35,430 --> 00:57:32,260

conducted on camera but the short answer

1272

00:57:38,930 --> 00:57:35,440

is it's it's actually quite broad band

1273

00:57:40,859 --> 00:57:38,940

it was across a very wide range of the

1274

00:57:43,319 --> 00:57:40,869

white portion of the electromagnetic

1275

00:57:45,120 --> 00:57:43,329

spectrum and I think that's a great one

1276  
00:57:48,960 --> 00:57:45,130  
please save that question for when you

1277  
00:57:52,349 --> 00:57:48,970  
speak to Travis absolutely great all

1278  
00:57:55,260 --> 00:57:52,359  
right well next blue mini mic asks in

1279  
00:57:57,809 --> 00:57:55,270  
the most recent episode Travis came up

1280  
00:58:00,270 --> 00:57:57,819  
with theories about wormholes and a

1281  
00:58:03,390 --> 00:58:00,280  
buried UFO what was your initial

1282  
00:58:06,420 --> 00:58:03,400  
reaction to his ideas and do you have

1283  
00:58:08,790 --> 00:58:06,430  
access to tools that can prove them are

1284  
00:58:10,650 --> 00:58:08,800  
there more mundane theories that you can

1285  
00:58:14,059 --> 00:58:10,660  
test that can explain what is going on

1286  
00:58:16,620 --> 00:58:14,069  
at the ranch first if so what are they

1287  
00:58:19,559 --> 00:58:16,630  
well I actually appreciate the question

1288  
00:58:21,540 --> 00:58:19,569

a lot it's the right kind of question my

1289

00:58:24,540 --> 00:58:21,550

initial reaction is probably the least

1290

00:58:26,280 --> 00:58:24,550

relevant of all of those my initial

1291

00:58:28,410 --> 00:58:26,290

reaction is probably like the reaction

1292

00:58:29,970 --> 00:58:28,420

of the viewer you know I'm hearing

1293

00:58:32,040 --> 00:58:29,980

something for the first time so I would

1294

00:58:33,780 --> 00:58:32,050

ask anyone who's hearing it what was

1295

00:58:39,410 --> 00:58:33,790

your initial reaction to what you heard

1296

00:58:44,910 --> 00:58:39,420

I don't presume any any knowledge of

1297

00:58:48,500 --> 00:58:44,920

wormholes that is any more authoritative

1298

00:58:50,700 --> 00:58:48,510

than the next person

1299

00:58:54,900 --> 00:58:50,710

particularly any more authoritative than

1300

00:58:57,000 --> 00:58:54,910

say Travis so this is a case where I

1301  
00:59:00,410 --> 00:58:57,010  
think it's it's good behavior on my part

1302  
00:59:03,210 --> 00:59:00,420  
to to listen and to learn and to allow

1303  
00:59:05,579 --> 00:59:03,220  
Travis and others to finish developing

1304  
00:59:07,460 --> 00:59:05,589  
that that hypothesis so that we we

1305  
00:59:09,900 --> 00:59:07,470  
arrive at a point where it is testable

1306  
00:59:11,430 --> 00:59:09,910  
because the hypotheses that are in

1307  
00:59:12,160 --> 00:59:11,440  
greatest value to us are those that

1308  
00:59:15,850 --> 00:59:12,170  
aren't

1309  
00:59:18,340 --> 00:59:15,860  
and falsifiable if we can do a test that

1310  
00:59:21,280 --> 00:59:18,350  
has the power to falsify the hypothesis

1311  
00:59:23,470 --> 00:59:21,290  
and in fact we support it then we're on

1312  
00:59:27,070 --> 00:59:23,480  
our way to understanding what the hell

1313  
00:59:31,600 --> 00:59:27,080

is going on on the ranch and so when

1314

00:59:33,190 --> 00:59:31,610

when I when I listened as Travis

1315

00:59:37,120 --> 00:59:33,200

explained this what I was particularly

1316

00:59:40,600 --> 00:59:37,130

listening for is what events could be

1317

00:59:41,920 --> 00:59:40,610

accounted for by that idea and that's

1318

00:59:44,290 --> 00:59:41,930

what I would encourage anyone else to do

1319

00:59:46,270 --> 00:59:44,300

is to ask this question what are we what

1320

00:59:49,750 --> 00:59:46,280

what comes under the cover of this

1321

00:59:51,580 --> 00:59:49,760

explanation and and in the second part

1322

00:59:55,330 --> 00:59:51,590

of the question was well what tools do

1323

00:59:57,610 --> 00:59:55,340

we have to explore it I do have some

1324

01:00:03,690 --> 00:59:57,620

ideas about something that can be

1325

01:00:03,700 --> 01:00:10,500

distortions if you will in in space-time

1326

01:00:14,890 --> 01:00:12,760

but you know this is all new territory

1327

01:00:16,840 --> 01:00:14,900

for me so I don't really want to go into

1328

01:00:18,580 --> 01:00:16,850

a lot of conjecture about what that is

1329

01:00:19,990 --> 01:00:18,590

and how it worked but I'm looking

1330

01:00:23,110 --> 01:00:20,000

forward to giving that a try

1331

01:00:25,300 --> 01:00:23,120

nice all right we'll move on to the next

1332

01:00:28,300 --> 01:00:25,310

question and it comes from Paul and Paul

1333

01:00:30,130 --> 01:00:28,310

asks will they be getting in experts or

1334

01:00:32,530 --> 01:00:30,140

experts that know about the local

1335

01:00:38,020 --> 01:00:32,540

environment like a geologist or a

1336

01:00:41,200 --> 01:00:38,030

biologist all right

1337

01:00:47,290 --> 01:00:41,210

they're out there excellent I like it no

1338

01:00:50,140 --> 01:00:47,300

that's a great answer that's the very

1339

01:00:52,960 --> 01:00:50,150

definition of due diligence is right you

1340

01:00:55,480 --> 01:00:52,970

know get get the folks who who who bring

1341

01:00:58,000 --> 01:00:55,490

that perspective and who are willing to

1342

01:01:01,390 --> 01:00:58,010

come onto the property

1343

01:01:04,030 --> 01:01:01,400

disclose to them what we've observed

1344

01:01:07,090 --> 01:01:04,040

share that with them let them wrap their

1345

01:01:09,190 --> 01:01:07,100

minds around it and volunteer some some

1346

01:01:12,340 --> 01:01:09,200

ideas adding to what we know

1347

01:01:14,260 --> 01:01:12,350

collectively I I welcome that all right

1348

01:01:17,050 --> 01:01:14,270

our final question from Twitter comes

1349

01:01:18,370 --> 01:01:17,060

from Shaunie two times and the question

1350

01:01:20,080 --> 01:01:18,380

is what do you think of Travis's

1351  
01:01:22,120 --> 01:01:20,090  
methodology and studying the phenomenon

1352  
01:01:24,940 --> 01:01:22,130  
at the ranch what would you have done

1353  
01:01:26,020 --> 01:01:24,950  
differently you know I'm really

1354  
01:01:29,170 --> 01:01:26,030  
interested in why

1355  
01:01:32,650 --> 01:01:29,180  
I'm being asked that question because

1356  
01:01:34,720 --> 01:01:32,660  
you you are a respected scientist here

1357  
01:01:37,510 --> 01:01:34,730  
and it's interesting to hear your take

1358  
01:01:39,250 --> 01:01:37,520  
on another scientists approach yeah I

1359  
01:01:41,020 --> 01:01:39,260  
don't know I'm helping out here yeah I

1360  
01:01:42,460 --> 01:01:41,030  
appreciate that a lot

1361  
01:01:45,030 --> 01:01:42,470  
I've learned a lot through my

1362  
01:01:51,970 --> 01:01:45,040  
interactions with Travis and with Jim

1363  
01:01:53,620 --> 01:01:51,980

and if I were not learning in those

1364

01:01:56,890 --> 01:01:53,630

interactions if I were not hearing

1365

01:01:58,240 --> 01:01:56,900

things that I hadn't thought myself then

1366

01:02:03,160 --> 01:01:58,250

it really wouldn't be worth their time

1367

01:02:09,100 --> 01:02:03,170

or mine so I'm always parsing the

1368

01:02:10,660 --> 01:02:09,110

communication for what's new and when I

1369

01:02:15,370 --> 01:02:10,670

listen I think you've heard me say this

1370

01:02:18,310 --> 01:02:15,380

before I really work hard to to maintain

1371

01:02:22,120 --> 01:02:18,320

the balance of having neither

1372

01:02:24,250 --> 01:02:22,130

conformation nor contrarian bias I don't

1373

01:02:26,050 --> 01:02:24,260

think I know all the answers in fact I

1374

01:02:28,450 --> 01:02:26,060

know I don't know know all the answers

1375

01:02:32,140 --> 01:02:28,460

or even the right methodology

1376

01:02:34,060 --> 01:02:32,150

I've had some an opportunity to develop

1377

01:02:37,870 --> 01:02:34,070

and test some hypotheses and it's

1378

01:02:41,230 --> 01:02:37,880

refreshing to have to have Travis come

1379

01:02:43,810 --> 01:02:41,240

and volunteer some of his own I will say

1380

01:02:46,810 --> 01:02:43,820

that some of the things that he and and

1381

01:02:48,070 --> 01:02:46,820

also Jim have done some of the

1382

01:02:49,720 --> 01:02:48,080

activities and some of the things

1383

01:02:51,550 --> 01:02:49,730

they've deployed are things that perhaps

1384

01:02:53,910 --> 01:02:51,560

I wouldn't have thought of at least not

1385

01:02:56,730 --> 01:02:53,920

right away if that's why we need a team

1386

01:03:00,490 --> 01:02:56,740

to think about this differently very

1387

01:03:01,890 --> 01:03:00,500

cool it's so gracious in your answer

1388

01:03:04,660 --> 01:03:01,900

Eric I love it

1389

01:03:06,520 --> 01:03:04,670

no I mean seriously you know it's it's

1390

01:03:07,450 --> 01:03:06,530

you're learning from em you guys are all

1391

01:03:08,890 --> 01:03:07,460

learning from each other you're all

1392

01:03:12,190 --> 01:03:08,900

bringing something new to the party you

1393

01:03:14,350 --> 01:03:12,200

know I hope so so I think I think it's

1394

01:03:16,000 --> 01:03:14,360

showing that camera as well so I'm gonna

1395

01:03:18,940 --> 01:03:16,010

start with these a couple of Facebook

1396

01:03:23,680 --> 01:03:18,950

questions so from Facebook we have Rick

1397

01:03:25,150 --> 01:03:23,690

Lee Waddell he asks and I said this

1398

01:03:27,400 --> 01:03:25,160

before we had part of this question I

1399

01:03:30,010 --> 01:03:27,410

believe last week he says I'm curious to

1400

01:03:32,260 --> 01:03:30,020

know what kind of vibratory frequencies

1401

01:03:35,050 --> 01:03:32,270

and testing they've used or have tried

1402

01:03:38,800 --> 01:03:35,060

but besides gamma microwave and RF

1403

01:03:39,790 --> 01:03:38,810

frequencies also what ground testing has

1404

01:03:42,550 --> 01:03:39,800

been done

1405

01:03:48,550 --> 01:03:42,560

water table radon etc that has been

1406

01:03:50,230 --> 01:03:48,560

ruled out okay very good so in that list

1407

01:03:52,900 --> 01:03:50,240

that you just read I don't think I heard

1408

01:03:54,490 --> 01:03:52,910

anything about seismic there's one of

1409

01:03:56,770 --> 01:03:54,500

the things that we are continually

1410

01:03:58,090 --> 01:03:56,780

monitoring because there's always the

1411

01:04:01,840 --> 01:03:58,100

possibility that some of what we're

1412

01:04:07,900 --> 01:04:01,850

looking at has geophysics as its really

1413

01:04:11,290 --> 01:04:07,910

as at the base the other one that comes

1414

01:04:12,820 --> 01:04:11,300

to mind is measurement of sound really

1415

01:04:14,950 --> 01:04:12,830

what we're talking about our atmospheric

1416

01:04:16,630 --> 01:04:14,960

pressure variations sounds at a

1417

01:04:21,220 --> 01:04:16,640

frequency that's much lower than what we

1418

01:04:25,990 --> 01:04:21,230

can hear we call that infrasound so I I

1419

01:04:28,030 --> 01:04:26,000

collect infrasonic data now I forget all

1420

01:04:30,130 --> 01:04:28,040

the items on that list but just for

1421

01:04:32,910 --> 01:04:30,140

completeness I think we've also

1422

01:04:37,330 --> 01:04:32,920

mentioned that we look at low-frequency

1423

01:04:41,410 --> 01:04:37,340

magnetic or electromagnetic e.l.f Ulf

1424

01:04:44,290 --> 01:04:41,420

VLF and of course we're looking at the

1425

01:04:46,420 --> 01:04:44,300

RF the radio frequency strength ok so

1426

01:04:47,950 --> 01:04:46,430

then going to the ground testing what

1427

01:04:51,220 --> 01:04:47,960

ground testing has been done before and

1428

01:04:54,880 --> 01:04:51,230

examples are like water table radon etc

1429

01:04:56,920 --> 01:04:54,890

like what has been ruled out you know at

1430

01:04:58,600 --> 01:04:56,930

the very beginning when I was invited to

1431

01:05:01,930 --> 01:04:58,610

participate in a discussion about the

1432

01:05:03,700 --> 01:05:01,940

ranch with with some folks who hadn't

1433

01:05:07,600 --> 01:05:03,710

previously been involved that was one of

1434

01:05:11,370 --> 01:05:07,610

my questions and my understanding is

1435

01:05:15,730 --> 01:05:11,380

that extensive testing was performed and

1436

01:05:18,580 --> 01:05:15,740

that nothing extraordinary was was

1437

01:05:22,000 --> 01:05:18,590

identified through those tests so it may

1438

01:05:25,870 --> 01:05:22,010

be that we want to revisit that all

1439

01:05:29,470 --> 01:05:25,880

right so then we have one from Joe Smith

1440

01:05:31,540 --> 01:05:29,480

and Joe asks has the team thought of

1441

01:05:33,790 --> 01:05:31,550

building a Faraday cage to block out the

1442

01:05:35,800 --> 01:05:33,800

harmful signals being produced in the

1443

01:05:37,630 --> 01:05:35,810

sky and around the Mesa I'm curious

1444

01:05:46,350 --> 01:05:37,640

since it hasn't been mentioned in the

1445

01:05:53,410 --> 01:05:52,630

the topic of human safety is is raised

1446

01:05:54,579 --> 01:05:53,420

and

1447

01:05:56,680 --> 01:05:54,589

think about some of the things that have

1448

01:05:58,329 --> 01:05:56,690

happened to individuals specific

1449

01:06:01,650 --> 01:05:58,339

individuals on the property and I think

1450

01:06:08,430 --> 01:06:06,039

the idea of a of an electromagnetic safe

1451

01:06:10,210 --> 01:06:08,440

house doesn't sound so crazy does it a

1452

01:06:13,799 --> 01:06:10,220

Faraday cage that's what he's referring

1453

01:06:16,150 --> 01:06:13,809

to an enclosure that does not allow

1454

01:06:18,849 --> 01:06:16,160

electromagnetic emanations to get hurt

1455

01:06:20,380 --> 01:06:18,859

off I mean I think it would be

1456

01:06:21,819 --> 01:06:20,390

incredible to put like the command

1457

01:06:24,940 --> 01:06:21,829

center or part of the command center

1458

01:06:28,329 --> 01:06:24,950

just encased in that as the safe house

1459

01:06:32,620 --> 01:06:28,339

that would be a very cool very cool

1460

01:06:36,539 --> 01:06:32,630

structure yeah you know you can you can

1461

01:06:42,579 --> 01:06:40,480

using copper screen material in fact

1462

01:06:46,660 --> 01:06:42,589

some in my career I did some what's

1463

01:06:48,609 --> 01:06:46,670

called screen room work where electronic

1464

01:06:50,940 --> 01:06:48,619

devices need to be characterized in an

1465

01:06:55,000 --> 01:06:50,950

environment where there are no external

1466

01:06:56,289 --> 01:06:55,010

RF sources so the terms so that when we

1467

01:06:57,579 --> 01:06:56,299

measure something inside of that

1468

01:07:00,490 --> 01:06:57,589

environment we know that it's coming

1469

01:07:03,880 --> 01:07:00,500

from something inside ostensibly the

1470

01:07:05,620 --> 01:07:03,890

device under test or the D UT so the

1471

01:07:07,780 --> 01:07:05,630

idea of a Faraday cage I think is it

1472

01:07:09,430 --> 01:07:07,790

really is a really good one and it makes

1473

01:07:11,170 --> 01:07:09,440

a lot of sense to me that someone

1474

01:07:15,130 --> 01:07:11,180

watching the program would raise this

1475

01:07:17,890 --> 01:07:15,140

question sure I'd like to see I had to

1476

01:07:22,000 --> 01:07:17,900

be sewn into a Faraday suit once for

1477

01:07:24,390 --> 01:07:22,010

testing so they could simulate me

1478

01:07:27,490 --> 01:07:24,400

getting electrocuted to test whether

1479

01:07:31,299 --> 01:07:27,500

lightning was a factor in a UFO case and

1480

01:07:34,059 --> 01:07:31,309

I all have this a picture that's made

1481

01:07:36,099 --> 01:07:34,069

for great TV it was really ridiculous

1482

01:07:37,569 --> 01:07:36,109

but I looked like a big silver blob and

1483

01:07:40,809 --> 01:07:37,579

now I just want to see people wearing

1484

01:07:41,319 --> 01:07:40,819

Faraday suits on the on the ranch gonna

1485

01:07:44,170 --> 01:07:41,329

be awesome

1486

01:07:45,910 --> 01:07:44,180

I you know there's a there's a material

1487

01:07:50,250 --> 01:07:45,920

that you can purchase that is like a

1488

01:07:53,079 --> 01:07:50,260

fine copper mesh it's supple like our

1489

01:07:56,680 --> 01:07:53,089

our clock the cloth that we wear in our

1490

01:07:59,710 --> 01:07:56,690

clothing and you know I've thought about

1491

01:08:02,230 --> 01:07:59,720

it I've thought about hmm I could get it

1492

01:08:05,170 --> 01:08:02,240

you know something on my head got

1493

01:08:06,960 --> 01:08:05,180

something to wear on my chest would I I

1494

01:08:09,230 --> 01:08:06,970

think I might yeah

1495

01:08:11,940 --> 01:08:09,240

I think so you know it's not gonna hurt

1496

01:08:15,780 --> 01:08:11,950

ya

1497

01:08:18,780 --> 01:08:15,790

electromagnetic chainmail Debbi some

1498

01:08:20,370 --> 01:08:18,790

kickass chainmail it would be something

1499

01:08:21,780 --> 01:08:20,380

to see wouldn't it but it sounds like

1500

01:08:24,780 --> 01:08:21,790

you've already beat me to the punch

1501  
01:08:26,070 --> 01:08:24,790  
they're very you you put that on and it

1502  
01:08:27,540 --> 01:08:26,080  
kept you from being what were you

1503  
01:08:33,660 --> 01:08:27,550  
standing in the vicinity of some big

1504  
01:08:39,060 --> 01:08:33,670  
Tesla coils or something uh it was yeah

1505  
01:08:42,030 --> 01:08:39,070  
basically I they had the Tesla coil

1506  
01:08:43,200 --> 01:08:42,040  
reach out to shock me right well it

1507  
01:08:48,470 --> 01:08:43,210  
would either be that or a vandegraaff

1508  
01:08:52,860 --> 01:08:48,480  
right yeah and so yeah and I actually

1509  
01:08:56,670 --> 01:08:52,870  
did feel it but not as much as I should

1510  
01:09:00,090 --> 01:08:56,680  
have the last question we have right now

1511  
01:09:02,760 --> 01:09:00,100  
from Facebook is from a guy named Brian

1512  
01:09:05,970 --> 01:09:02,770  
Berkey and he says what kind of

1513  
01:09:08,010 --> 01:09:05,980

education does Eric have I've heard

1514

01:09:09,930 --> 01:09:08,020

several cast members talk about how

1515

01:09:12,240 --> 01:09:09,940

smart he is and he seems to be a

1516

01:09:15,330 --> 01:09:12,250

scientist or tech specialist so I'm just

1517

01:09:19,020 --> 01:09:15,340

curious my graduate degree is plasma

1518

01:09:24,630 --> 01:09:19,030

physics I studied physics and

1519

01:09:28,170 --> 01:09:24,640

mathematics as an undergraduate and I've

1520

01:09:31,860 --> 01:09:28,180

worked in as an electrical engineer I've

1521

01:09:33,450 --> 01:09:31,870

done product development in consumer

1522

01:09:38,820 --> 01:09:33,460

electronics I think I mentioned the

1523

01:09:40,530 --> 01:09:38,830

battery chargers and so forth also other

1524

01:09:43,590 --> 01:09:40,540

circuit design that made its way into

1525

01:09:45,740 --> 01:09:43,600

some reasonably successful commercial

1526

01:09:50,070 --> 01:09:45,750

products in addition I've developed

1527

01:09:51,960 --> 01:09:50,080

instruments used in the x-ray and aliens

1528

01:09:56,670 --> 01:09:51,970

industry you know the kinds of things

1529

01:09:59,970 --> 01:09:56,680

that people use to do elemental analysis

1530

01:10:01,740 --> 01:09:59,980

I've designed x-ray sources and I've

1531

01:10:05,550 --> 01:10:01,750

also worked in the in the field of

1532

01:10:07,380 --> 01:10:05,560

archival optical media I was my title

1533

01:10:11,600 --> 01:10:07,390

was lead scientists and the development

1534

01:10:13,680 --> 01:10:11,610

of something known as the EM disk and so

1535

01:10:16,710 --> 01:10:13,690

you know I've had an opportunity to work

1536

01:10:19,020 --> 01:10:16,720

I love that in you know a few different

1537

01:10:20,580 --> 01:10:19,030

areas and hopefully that's a

1538

01:10:23,430 --> 01:10:20,590

satisfactory answer

1539

01:10:26,729 --> 01:10:23,440

yes absolutely yeah they're perfect so

1540

01:10:28,709 --> 01:10:26,739

um I mean let's yeah let's not push on

1541

01:10:30,060 --> 01:10:28,719

any more of these these these questions

1542

01:10:33,270 --> 01:10:30,070

right now I think this is good I think

1543

01:10:36,209 --> 01:10:33,280

we got more than enough I you we have a

1544

01:10:37,530 --> 01:10:36,219

few save for later for Travis and for

1545

01:10:40,439 --> 01:10:37,540

when we bring you back again and

1546

01:10:42,089 --> 01:10:40,449

hopefully you know after last night's

1547

01:10:45,030 --> 01:10:42,099

show we'll have an announcement soon

1548

01:10:46,740 --> 01:10:45,040

fingers crossed for our season two so I

1549

01:10:49,950 --> 01:10:46,750

think we're I think we're getting close

1550

01:10:52,290 --> 01:10:49,960

so we should know very soon bye Eric

1551  
01:10:54,570 --> 01:10:52,300  
thank you again so much for joining us I

1552  
01:10:55,800 --> 01:10:54,580  
mean you know this is awesome I know we

1553  
01:10:57,390 --> 01:10:55,810  
all really enjoyed having you

1554  
01:11:02,160 --> 01:10:57,400  
I mean well no I enjoyed having you I

1555  
01:11:03,629 --> 01:11:02,170  
know about them super insightful and

1556  
01:11:05,910 --> 01:11:03,639  
great to hear from the scientific

1557  
01:11:08,669 --> 01:11:05,920  
perspective in more depth than what we

1558  
01:11:10,430 --> 01:11:08,679  
get obviously in a 45-minute television

1559  
01:11:12,990 --> 01:11:10,440  
show

1560  
01:11:15,149 --> 01:11:13,000  
and thank you for forming the format of

1561  
01:11:16,470 --> 01:11:15,159  
our informal discussion I think it's one

1562  
01:11:19,830 --> 01:11:16,480  
that I'm more comfortable with to be

1563  
01:11:22,439 --> 01:11:19,840

honest I like the discussion more than I

1564

01:11:24,270 --> 01:11:22,449

like to be put in front of cameras nice

1565

01:11:26,280 --> 01:11:24,280

and that's it for us this week on

1566

01:11:27,959 --> 01:11:26,290

skin-walker debrief so be sure to join

1567

01:11:30,359 --> 01:11:27,969

us next week for another episode

1568

01:11:33,689 --> 01:11:30,369

along with yet another cast member who I

1569

01:11:34,950 --> 01:11:33,699

have yet to really identify know we have

1570

01:11:36,780 --> 01:11:34,960

somebody coming in next week we're just

1571

01:11:38,479 --> 01:11:36,790

we're kind of seeing which one's gonna

1572

01:11:42,000 --> 01:11:38,489

be able to jump on it really quick I

1573

01:11:45,270 --> 01:11:42,010

knew guys it would be surprised yes to

1574

01:11:47,339 --> 01:11:45,280

be surprised in Jason could you tell us

1575

01:11:50,220 --> 01:11:47,349

how to tell people how to get a hold of

1576

01:11:54,060 --> 01:11:50,230

us questions keep those questions coming

1577

01:11:56,609 --> 01:11:54,070

in so email is always good contact at

1578

01:11:58,890 --> 01:11:56,619

rogue planet TV that's the email address

1579

01:12:02,209 --> 01:11:58,900

to send us your questions and of course

1580

01:12:04,740 --> 01:12:02,219

on Twitter we are at skinwalker pod

1581

01:12:07,680 --> 01:12:04,750

excellent Eric thanks again man this has

1582

01:12:10,200 --> 01:12:07,690

been great and I know I'm gonna get a

1583

01:12:11,729 --> 01:12:10,210

lot of fans out there and I know you're

1584

01:12:14,010 --> 01:12:11,739

not on social media so you know we'll

1585

01:12:17,220 --> 01:12:14,020

we'll try to filter stuff through you as

1586

01:12:19,620 --> 01:12:17,230

more stuff comes in yeah I'll commit

1587

01:12:21,390 --> 01:12:19,630

I'll try to come up with a better and

1588

01:12:23,399 --> 01:12:21,400

more effective way to interface with

1589

01:12:26,070 --> 01:12:23,409

people who are really genuinely

1590

01:12:28,770 --> 01:12:26,080

interested I I just haven't found it yet

1591

01:12:33,510 --> 01:12:28,780

and quite honestly I don't sleep much so

1592

01:12:34,140 --> 01:12:33,520

I'm pretty busy guy yeah we all know

1593

01:12:37,200 --> 01:12:34,150

this

1594

01:12:39,270 --> 01:12:37,210

I serve a lot of masters I think well

1595

01:12:40,980 --> 01:12:39,280

thanks again Eric this has been great if

1596

01:12:42,050 --> 01:12:40,990

we [h\_\_\h] it and now we'll see you all

1597

01:12:45,440 --> 01:12:42,060

next week