



1
00:00:08,390 --> 00:00:06,920
hello i am justin lin mobility deling

2
00:00:11,470 --> 00:00:08,400
for the Mars Science Laboratory mission

3
00:00:14,360 --> 00:00:11,480
and this is your Curiosity rover report

4
00:00:16,099 --> 00:00:14,370
over the winter holidays curiosity was

5
00:00:18,470 --> 00:00:16,109
parked at a location dubbed grandmas

6
00:00:19,130 --> 00:00:18,480
house at Yellowknife Bay at this

7
00:00:21,380 --> 00:00:19,140
location

8
00:00:23,450 --> 00:00:21,390
curiosity took a series of images to

9
00:00:26,179 --> 00:00:23,460
create paramah of the surrounding area

10
00:00:28,820 --> 00:00:26,189
in addition the team downloaded as much

11
00:00:30,769 --> 00:00:28,830
data as possible from curiosity to free

12
00:00:32,889 --> 00:00:30,779
up the onboard data storage space to

13
00:00:35,750 --> 00:00:32,899

give her a fresh start to the new year

14

00:00:37,700 --> 00:00:35,760

once the new year approached curiosity

15

00:00:39,830 --> 00:00:37,710

was ready to spin her wheels and stretch

16

00:00:41,630 --> 00:00:39,840

her arm she started off with a three

17

00:00:44,600 --> 00:00:41,640

meter drive to an interesting feature

18

00:00:46,700 --> 00:00:44,610

called Snake River over time dust has

19

00:00:48,380 --> 00:00:46,710

accumulated on all the rocks and it

20

00:00:50,619 --> 00:00:48,390

hides features such as fissures

21

00:00:53,450 --> 00:00:50,629

inclusions or pits that are of interest

22

00:00:55,189 --> 00:00:53,460

at this location the team selected a

23

00:00:59,270 --> 00:00:55,199

rock for the first time use of the dust

24

00:01:01,670 --> 00:00:59,280

removal tool the tool has a set of

25

00:01:04,219 --> 00:01:01,680

spinning metallic brushes and this

26
00:01:06,560 --> 00:01:04,229
allows for the features to be exposed

27
00:01:08,990 --> 00:01:06,570
for unrestricted apxs or chemcam

28
00:01:11,120 --> 00:01:09,000
observations while the East activities

29
00:01:13,070 --> 00:01:11,130
are taking place the team is searching

30
00:01:15,649 --> 00:01:13,080
for a suitable rock to test out the

31
00:01:17,719 --> 00:01:15,659
rotary percussive drill this is a very

32
00:01:19,730 --> 00:01:17,729
exciting activity because it will be the

33
00:01:21,859 --> 00:01:19,740
first time that we will be drilling into

34
00:01:24,350 --> 00:01:21,869
a rock acquires sample from deep within

35
00:01:25,910 --> 00:01:24,360
the rock and also sort and transport it

36
00:01:29,149 --> 00:01:25,920
to the science instruments on board

37
00:01:31,340 --> 00:01:29,159
curiosity this has been your Curiosity