

Mars Curiosity Rover Report (Sept. 9, 2012)

Hello, my name is Saina Ghandchi. I am a member of engineering, operations team and this is your Curiosity Rover update.

Couple of days ago, we performed some atmospheric measurements with our instrument, SAM. Scientists are going through the data at this point and I'm very excited because since Viking mission, we haven't had any instruments on Mars that can tell what is the composition of the Martian atmosphere.

We also received these color beautiful HiRise images. They show clearly the back shell, the site where the descent stage crashed. And also, very cool, you can clearly see the rover tracks in these images.

Our goal is to get to Glenelg, which is 400 meters to the east of the landing site.

We have been driving for several days now.

On Sol 29, we finished another successful 30 meters.

We are going to park here another 7 days and check out the arm and the instruments that are located on the arm.

As you know, the arm is loaded with science remote sensing instruments and also it has a couple of tools, that will help us acquire sample from Mars and from rock and deliver them to SAM and CheMin instruments.

So that was your Curiosity Rover Report. Please check back with us for more updates.