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Steve Squyres: We went into this, honestly, with big ambitions.

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We went into this to try to transform our understanding of Mars.

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And, that's hard to do in 90 days, but turns out if you have 10 years you can come pretty close.

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Music.

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Squyres: It's been a decade-long string of 'Can we make it to the next crater?'

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Matt Golombek: That first 90 days in Eagle crater was basically taking all this information that had suggested

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that Mars may have been warmer and wetter earlier on, to 'there's the rocks,'

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and there's no alternative to there have been any water on the surface and near surface

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at the time those rocks formed. And that's a huge moment in Mars science

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now you've got the rocks, you've got the proof. Laughs.

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Music.

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So the next step was to go to Endurance.

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We saw really a rather narrow section of rocks in Eagle,

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and now we have a bigger section of rocks in Endurance,

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and gave us a much richer story about how the evolution of this environment occurred.

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Music.

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Squyres: We got to Victoria, we spent two years exploring it, we went down into it...

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came back out...

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walked along the edge of it...

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peered over the edge of the cliff.

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Golombek: And we could see the dune forms that existed and which way they were blowing the sediment.

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And a much clearer idea of the changes that occurred within the rocks when they were buried.

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Music.

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Squyres: It took three years of driving.

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Endeavour has this rim that sticks up real high, and as soon as we pulled up to the rim of that crater,

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everything changed. It was like a new mission, a new landing site, like it started all over again.

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Golombek: We went from what had been a predominately acid-rich environment,

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and now we see minerals and materials at the surface

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that indicate everything that you perhaps needed to support life existing.

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Squyres: We have got fabulous science out ahead of us. And I know really know quite what to expect.

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But from orbit we see compelling evidence that this is a place where there are clay minerals

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in concentrations far greater than anything we've seen before.

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Golombek: If Mars was wet shouldn't there have been life there, too?

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Are we an accident of the highest order?

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Or will life form anywhere that liquid water was present?

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And to have the ability to answer questions of almost theological significance,

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'Are we alone in the Universe?'