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ALUMINIUM FEDERATION

BLOODHOUND ALUMINIUM DESERT WHEELS DESIGN & TECHNOLOGY CHALLENGE

– Research & Resources –

Click on the hyperlinks below to watch the videos and write notes to help with your wheel designs. Then start your own independent research.

European Space Agency – Exomars rover wheels

Early tests 2010:

<https://www.youtube.com/watch?v=2-kLyxhwSn0>

<https://www.youtube.com/watch?v=-JhCUVxjFfA>

Later tests 2014 – How they developed the testing site:

<https://www.youtube.com/watch?v=wx9VrZDnWag>

Real Engineering

Clip including BLOODHOUND SSC as an example, with advanced science explanations:

<https://www.youtube.com/watch?v=mPshhkYpCBY>

BLOODHOUND videos

Andy Green on South African News talking about Hakskeen Pan:

<https://www.youtube.com/watch?v=WltXXTo2bcA>

Testing BLOODHOUND SSC's wheels at Hakskeen Pan:

<https://www.youtube.com/watch?v=XQD6qedj5Q4>

News 24 Interview with Andy Green: how he is preparing for the high-speed run, and why we are going to use Hakskeen Pan for the high-speed runs:

https://www.youtube.com/watch?time_continue=155&v=07SHpWCz6vI