

Desert Living Challenge Simon Procter. BEng(Hons), CEng, MIET, MIMechE.

28th November 2016

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Race Track



⁶⁰⁰⁰⁹ Goode - Man data 60009 Tele Atlas, Europa Techn



How do we get the car, team and equipment to the Desert ?



Antonov large cargo aircraft.



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The Hakskeen pan desert surface.



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Day – Hot and dry Night – Very cold! Quite strong winds Dry lake bed – dust!



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Can flood to knee height December to March !



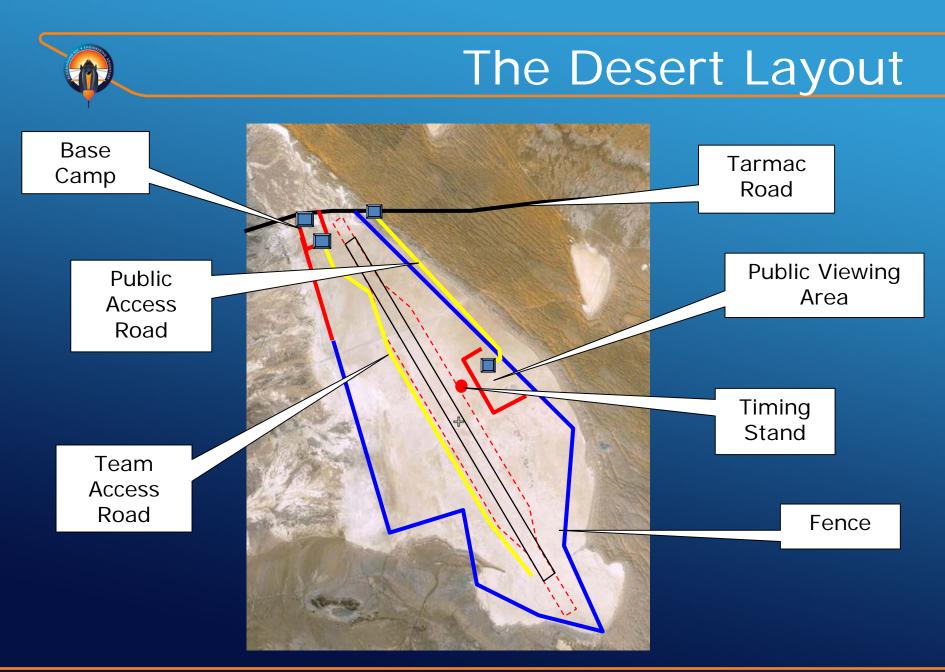
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Desert Preparation



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Hazmat chemical protection





Chemical resistant.

Chemical proof !

Team Task



Design a suitable village, based next to the track, for the team to live in whilst out at Hakskeen Pan in South Africa.





WHAT THINGS DO YOU NEED TO CONSIDER ?

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Don't forget...

 Shelter – Team & Car Equipment Power Sources Medical Arrangements Evacuation Procedures Food & Water





Remember!

Nearest town – 154 miles away We need to look after the team... AND the car!



Join the Adventure



Sign up to the 1K Club: www.BLOODHOUNDSSC.com



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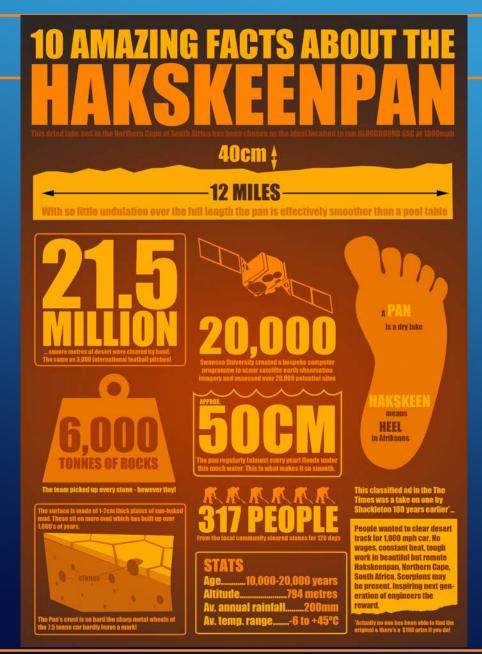
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Meteorites can be seen in Deserts.



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Power generation on the Hakskeen Pan.



DIESEL GENERATOR

WIND TURBINES.





SOLAR PANELS.