Desert Living Challenge
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Race Track

Hakskeen Pan
Logistics :-

• How do we get the car, team and equipment to the Desert?
Antonov large cargo aircraft.
The Hakskeen pan desert surface.
Weather

Day – Hot and dry

Night – Very cold!

Quite strong winds

Dry lake bed – dust!
Problems with dust and sand?
Can flood to knee height December to March!
Desert Preparation
The Desert Layout

- Base Camp
- Tarmac Road
- Public Access Road
- Public Viewing Area
- Team Access Road
- Timing Stand
- Fence
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?
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.BLOODHOUNDSSSC.com

Follow us on Twitter: www.twitter.com/BLOODHOUND_SSC

Find us on Facebook: www.facebook.com/BLOODHOUNDSSSC
Meteorites can be seen in Deserts.
10 Amazing Facts About the Hakskeenpan

- **21.5 Million**
  - Tonne means of descent were cleared by hand.
  - The same as 3,000 international football pitches!

- **6,000 Tonnes of Rocks**
  - The team picked up every stone - however tiny!
  - The surface is made of 7-10cm thick pieces of sun-baked sand. Tread on more mud which has built up over 1,000's of years.

- **20,000**
  - Swinburne University created a bespoke computer programme to score satellite earth observation imagery and assessed over 70,000 potential sites

- **50cm**
  - The pan regularly floods every year! Floods under this much water. This is what makes it so smooth.

- **317 People**
  - From the local community cleared stones for 120 days

- **Stats**
  - Age: 10,000-20,000 years
  - Altitude: 794 metres
  - Av. annual rainfall: 200mm
  - Av. temp. range: -6 to +45°C

- **A PAN is a dry lake**

- **HAKSKEEN means HEEL in Afrikaans**

- **This classified ad in the Times was a talk one by Shackleton 100 years earlier**

- **People wanted to clear desert track for 1,000 mph car. No wages, constant heat, tough work in beautiful but remote Hakskeenpan, Northern Cape, South Africa. Scorpions may be present, inspiring next generation of engineers the reward.**

  *Actually no one has been able to find the original & there's a $100 prize if you do!*

With so little undulation over the full length the pan is effectively smoother than a pool table.
Power generation on the Hakskeen Pan.

**DIESEL GENERATOR**

**WIND TURBINES.**

**SOLAR PANELS.**