

Reducing Mine Site Liabilities with a Portable Real-Time Hydrocarbon Detector: RemScan™

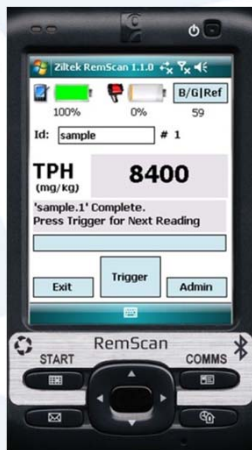


Richard Stewart, 23 September, 2016 - SACOME Innovation Summit



RemScan is Easy to Use

- Pull the trigger for a 20 second readout of total petroleum hydrocarbons in soil (mg/kg)
- Simple caps for infield calibration
- Data is stored on a standard SD card
- Full day of battery life



PDA



Calibration caps



SD card slot



Global Customers

Regions	Industries	Applications
<ul style="list-style-type: none">• Australia• USA• Europe• Middle East• SE Asia• Africa	<ul style="list-style-type: none">• Oil and Gas• Defence• Environmental• Laboratories• <u>Mining</u>	<ul style="list-style-type: none">• Spill response• Bioremediation monitoring• Site assessment

Petroleum Sources	Soil Types
<ul style="list-style-type: none">• Crude oil• Diesel• Mineral oil• Jet fuel• Petrol	<ul style="list-style-type: none">• Sand• Loam• Clay• Swampy peat



Fortescue Metals Group (FMG)

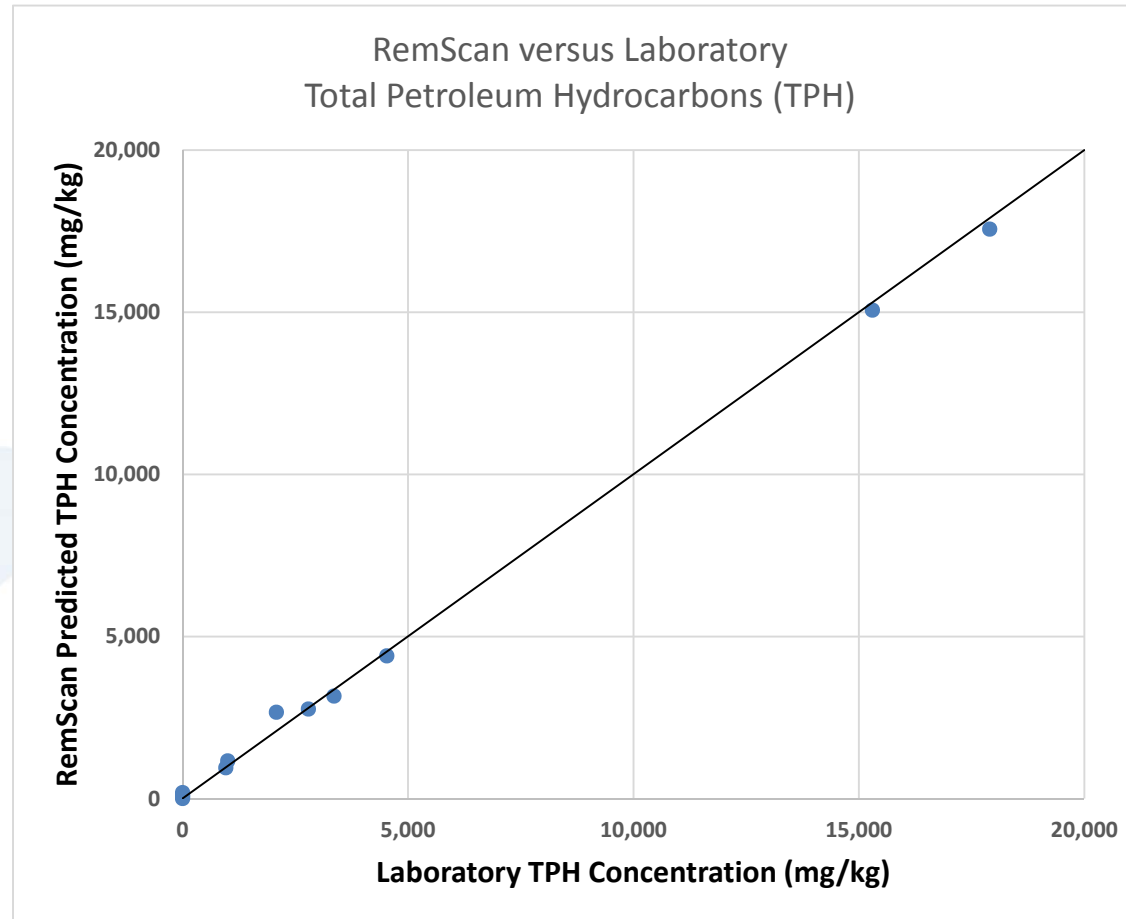
- Use RemScan units daily at two sites in WA:
 - Cloudbreak
 - Solomon



Mine Site Applications

Applications	Benefits
1. Faster and more accurate spill delineation and clean-up	<ul style="list-style-type: none">• Minimise over- or under- excavation• Reduce resources downtime
2. More frequent monitoring of the biodegradation process	<ul style="list-style-type: none">• More data, more confidence• Minimise lab analysis costs
3. Rapid assessment of contractor laydown areas	<ul style="list-style-type: none">• Real-time data before demobilisation• Better liability management

Great Technical Performance



Great Commercial Outcomes

- Cost savings estimated at >\$70,000 pa per site
- Payback period less than 12 months



Further Information

For more information please contact Ziltek:

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**See a demonstration today at
the Ziltek Booth**

