

### **GEOSERVE DRILLING SERVICES**

### **PROJECT REPORT UPDATE – CIMERA KARIN PROJECT – WILLOWVALE**

#### **INTEGRATED MANAGEMENT SYSTEM (IMS)**



- **OHSAS 18001:2007**
- **ISO 9001:2008**
- **ISO 14001:2004**
- **ISSUE BASED RISK ASSESSMENT**
- **ENVIRONMENTAL IMPACT ASSESSMENT**

**AUG/ SEPT 2015**

#### **PROJECT TEAM**

**N. MOGRIDGE – OPERATIONS MANAGER**

**E. CROUS – SHEQ MANAGER**

**J BOTES – SITE MANAGER 2.6.1**

**A. BIRCH – CLIENT REPRESENTATIVE 2.6.1**

# GEOSERVE EXPLORATION DRILLING PTY LTD.

## INTERNAL AUDIT TEAM SUMMARY

SPECIAL REPORT

QUALITY AND SHE

SHEQIA01/2015

### ACTIVITY

**24 – 27 August 2015**

*Site Mobilization. Waterpoint allocated at river crossing. All working areas bunded – spillage control. Waterpumps situated at river bunded and general local worker employed to monitor water pipeline for any water leaks etc. Machine cemented on 500cm block and bolted on for stability and prevention of rig falling over*



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### ACTIVITY

**27 August Thurs 2015**– Started drilling- Hole KVV01. 0 – 2m

**28 August Friday 2015** - continued drilling 2 – 10,22m.

Setting up Solids Removal Unit – SRU.



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### ACTIVITY

**31 August 2015** – Continued Drilling 10,22m - 18,50m. Pulling rods in order to ream the hole for installation of casing.

**1 September 2015** – 18,50m – 27,60m Hard formation. Experiencing waterloss



GEOSERVE

Project No.: CIMERA KARIN PROJECT – WILLOWVALE - KVV01

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# GEOSERVE EXPLORATION DRILLING PTY LTD.

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### ACTIVITY

**2 September** – Continued drilling - 27,60m – 46,22m. Hard formation and struggling with waterloss.

**3 September** - 46,22m - 67,07m. Hard formation and struggling with waterloss

### ACTIVITY

**4 September** - Continued drilling – 67,07m – 82,10m. Stopped for maintenance.  
Hard formation and waterloss.



## INTERNAL AUDIT TEAM SUMMARY

### ACTIVITY

5 September - Continued Drilling - 82,1m – 109,22m.(27m for shift) Changed bit PQ3 6 series to a PQ3 9 series. Penetration rate increased. Formation changed.



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### ACTIVITY

7 September 2015 - Continue Drilling – 109,22 – 148,22. – (39m for shift) Dolomite formation. Penetration rate still increasing



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### ACTIVITY

**08/09/2015** – Starting depth – 148,22 – 175,22 – (27,00m)

Wireline broke - pulled rods lost 1,5 hrs.

2 hrs to rectify core depth. Incorrect core depth calculated – difference +3m. Issue rectified.



**9/09/2015** - Starting depth – 175,22 – 211,22 – 36m



**17/09/2015** - Switched to double shift

- 300,16 – 346,2 - (46m)

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**18/09/2015 – Starting depth - 346,2 – 409,45 - (62,81m)**

**21/09/2015 – Starting depth – 448,45 – 508,45**



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### **FOCUS AREA RESULTS**

### **CONCLUSION / NEXT STEP**

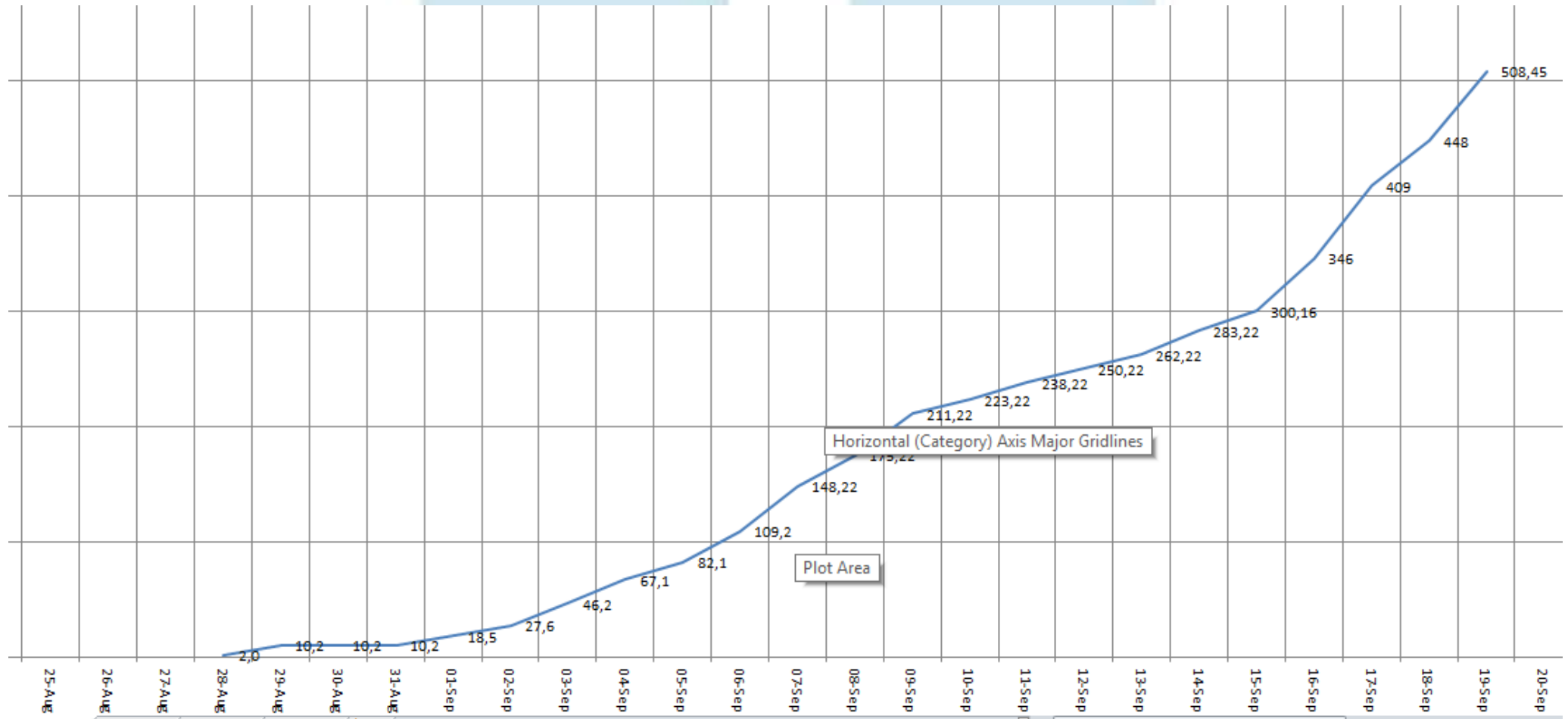
- Site Managers / Supervisors to focus on pre shift toolbox talks and Risk Assessments. Coach Employees daily with regards to EMP and any impact.
- Conduct Safety and Environmental Awareness sessions put emphasis on preventative actions in order to reduce risk and Environmental Impact
- Metre rate improving - Daily target 29,7m – Current AVG 40m a shift since double shift

<b>MANAGEMENT TEAM</b>	<b>SIGNATURE</b>	<b>DATE</b>
<b>C MOREL - COO</b>		<b>21/09/2015</b>
<b>TE CROUS - SHEQ MANAGER</b>		<b>21/09/2015</b>
<b>S MOGRIDGE - CEO</b>		<b>21/09/2015</b>

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**ACCUMILATIVE DRILLING RATE - PROJECT TO DATE**

