



an agency of the  
Department of Arts and Culture

T: +27 21 462 4502 | F: +27 21 462 4509 | E: info@sahra.org.za  
South African Heritage Resources Agency | 111 Harrington Street | Cape Town  
P.O. Box 4637 | Cape Town | 8001  
www.sahra.org.za

Enquiries: Natasha Higgitt

Date: Monday January 18, 2016

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Email: nhiggitt@sahra.org.za

CaseID: 8817

## Final Comment

### In terms of Section 38(8) of the National Heritage Resources Act (Act 25 of 1999)

Attention: Site Plan Consulting  
PO Box 28  
Strand  
7139

**An application for a mining permit is being lodged with the Department of Mineral Resources Northern Cape, in order to mine the deposits on the farm. The proposed quarry will provide suitable quality material for the construction/maintenance of gravel access roads, crane platforms, and most importantly, aggregate for concrete bases to serve the wind energy projects currently underway in the Sutherland area. The proposed application area is 4.95 ha in extent, of which the quarry excavation itself will be less than 1.5 ha in extent. An abandoned quarry is located within the application area and the intention is to excavate dolerite deposits westwards from the edge of the old quarry. The project is situated 5.8km south of Sutherland on the farm Jakhals Valley 99 Portion 3, the Northern Cape.**

Site Plan Consulting CC was appointed by Power Construction (Pty) Ltd to compile a Mining Permit Application for a quarry in compliance with the Minerals and Petroleum Resources Development Act, 2002 (Act No. 28 Of 2002) (MPRDA). A Final Scoping Report was completed as part of the Environmental Impact Assessment (EIA) process in accordance with the National Environmental Management Act, 1998 (Act No. 107 of 1998) (NEMA) and the EIA Regulations, 2014. The project is located 5.8 km from Sutherland on the farm of Jakhals Valley 99 Portion 3, in the Northern Cape Province. Power Construction is in the process of submitting three other application for similar developments in the area i.e. Karusa East, Karusa North and Karusa R345.

Site Plan Consulting contracted Jonathan Kaplan and Johan Almond to conduct the Archaeological Impact Assessment (AIA) and the Palaeontological Impact Assessment (PIA) for the proposed quarry.

*Kaplan, 2015. Archaeological Impact Assessment for the proposed quarry on the farm Jakhals Valley 99 Portion 3 near Sutherland, Northern Cape.*

The author assessed the proposed quarry area and recorded the survey through photographs and a track log. One surface occurrence of heritage resources was identified within the proposed project area. These occurrences included one stone chunk and one flake and were assigned a low significance. No other tangible heritage resources such as grave markers, or old buildings/structures and features were present in the project area. No impacts on significant heritage resources were anticipated.



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Recommendations in the AIA included the following:

Should any unmarked human remains be uncovered during mining operations, these must be immediately reported to the South African Heritage Resources Agency or Jonathan Kaplan.

*Almond, 2015. Recommended Exemption from further Palaeontological Studies for the proposed exploitation of fresh and weathered dolerite from four quarry sites near Sutherland, Namaqua District Municipality, Northern Cape.*

The author assessed all four application areas in one combined report. The author found the Jakals Valley application area is underlain by unfossiliferous dolerite intrusions and the potentially fossiliferous Abrahamskraal Formation. The Abrahamskraal formation may contain invertebrate trace fossils, compressions and rare fossil wood impressions. The anticipated impact of the proposed development is deemed to be low.

Recommendations provided in the Palaeontological study state that should any substantial fossil remains be uncovered during the construction phase, they should be reported to SAHRA for mitigation by a professional palaeontologist.

## **Final Comment**

Based on the information provided, it is unlikely that significant archaeological resources will be impacted by the proposed Mining Permit Application. The recommendations provided in the AIA and PIA must be included in the final EMP. The following additional conditions must be adhered to and must form part of the final EMP:

- A Chance Finds Procedures inclusive of a Fossil Finds Procedure must be developed for the project to ensure that standard protocols and steps are followed should any heritage resources be uncovered during excavations. These procedures should outline the steps and reporting structure to be followed in the instance that heritage resources are found.

Should you have any further queries, please contact the designated official using the case number quoted above in the case header.

Yours faithfully



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Natasha Higgitt  
Heritage Officer  
South African Heritage Resources Agency

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Phillip Hine  
SAHRA Head Archaeologist (Acting)  
South African Heritage Resources Agency

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**ADMIN:**

Direct URL to case: <http://www.sahra.org.za/node/349418>  
(DMR - NC, Ref: NC30/5/1/3/2/10487MP)

**Terms & Conditions:**

1. This approval does not exonerate the applicant from obtaining local authority approval or any other necessary approval for proposed work.
2. If any heritage resources, including graves or human remains, are encountered they must be reported to SAHRA immediately.
3. SAHRA reserves the right to request additional information as required.