



## **Final Comment**

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

Attention: Mr Evert Jacobs  
Transnet SOC Ltd  
Hatch  
14 Harrowdene Office Park  
Western Service Road  
Woodmead  
Johannesburg  
2157

### **PROPOSED MANGANESE EXPORT FACILITY AND ASSOCIATED INFRASTRUCTURE IN THE COEGA INDUSTRIAL DEVELOPMENT ZONE.**

The APM Unit at SAHRA received the Draft Scoping Report related to the above mentioned project. We apologise for the delay in commenting on this case. The proposed manganese export facility and associated infrastructure is expected to be located in zones 5, 8, 9, 11 and 13 of the Coega IDZ. The manganese stockyard and handling facility will be located on zones 8 and 9, while the rail compilation yard and the doubling of the rail will occur on zones 5, 11 and 13.

SAHRA has assessed the information in the Scoping Report provided along with the information included in the heritage impact assessments undertaken in 2010 for the area and the the archaeological and palaeontological impact assessments undertaken for zone 8 (Port of Ngqura) in 2013. SAHRA and the ECPHRA would like therefore to recommend the following:

#### Zone 5

Due to low visibility on most of zone 5, an archaeologist must be present on site during vegetation clearing and an ECO be trained by an archaeologist as site monitor to recognise possible archaeological material.

Two important palaeontological sites have been identified in this zone: one in the cliff section at the west end of the paired stormwater tunnels beneath the N2 and another one on the deep railway cutting west of the N2 to the south of the marshalling yard. If any development had to take place around these two sites, a palaeontologist or an ECO trained by a palaeontologist must monitor during excavations, to ensure protection of these deposits from disturbance.

High volume excavation of the Kirkwood Formation and of the Sundays River Formation must be examined and sampled by a professional palaeontologist soon after bedrock exposure.

A two-grave cemetery, belonging to the Du Piesanie's family, was identified in zone 5. No development may occur within 20m from the perimeter of the fence.





### Zone 8

Deeper (> 2 m) excavations in the Cretaceous Uitenhage Group and in the Late Caenozoic Algoa Group must be monitored by an ECO trained by a palaeontologist for the possible presence of fossil heritage.

### Zone 9

Two sensitive palaeontological sites were identified: an abandoned clay quarry and an active limestone quarry. The eastern face of the clay quarry and the faces of the limestone quarries must be safeguarded and preserved, including the large blocks at the western end of the limestone quarry.

High volume excavation of the Sundays River Formation must be examined and sampled by a professional palaeontologist soon after bedrock exposure.

One cemetery with a with a community plaque is also located on zone 9. No development may occur within 20m from the perimeter of the fence.

### Zone 11

Higher concentration of stone tools in areas around dry pans and wetlands must be recorded before destruction. After this, a report must be sent to SAHRA and the developer may apply for a destruction permit for the sites.

Any excavations in the Salnova Formation must be examined and sampled by a professional palaeontologist soon after bedrock exposure..

### Zone 13

An archaeologist needs to be present on site during vegetation clearing of selected (by an archaeologist) strips. Small machineries or the least invasive methodology is required for these strips. If vegetation clearing results in the discovery of sensitive material, then monitoring during excavation, or a Phase 2 mitigation according to the situation, will also be required. After vegetation clearing a report must be sent to SAHRA for review and guidance on the way forward.

At Tossies Quarry South, the excellent exposure of contact between the Alexandria and the Sundays River Formations must be preserved to ensure that the contact is kept for future research.

The richly fossiliferous area recorded in the erosion gully North of the Tossies Quarry North must be protected from disturbance and development, therefore a palaeontologist or an ECO trained by a palaeontologist, must monitor the excavations.



The South African Heritage Resources Agency

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**Manganese export facility and associated infrastructure at the Coega IDZ, Port Elizabeth**

**Our Ref: 9/2/073/0001**



Enquiries: Mariagrazia Galimberti  
Tel: 021 462 4502  
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CaseID: 868

Date: Tuesday March 05, 2013

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Any excavations in the Salnova formation must be examined and sampled by a professional palaeontologist soon after bedrock exposure.

No development may occur within 20m from the fence around the cemetery close to the railway.

If any new evidence of archaeological sites or remains (e.g., remnants of stone-made structures, indigenous ceramics, bones, stone artefacts, ostrich eggshell fragments, marine shell and charcoal/ash concentrations), unmarked human burials, fossils or other categories of heritage resources are found during mining activities, the Eastern Cape Provincial Heritage Resources Agency (Mr Sello Mokhanya, Tel: 043 642 2811) must be alerted immediately, and an accredited professional archaeologist must be contacted as soon as possible to inspect the findings. If the newly discovered heritage resources prove to be of archaeological or palaeontological significance a Phase 2 rescue operation might be necessary.

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

Yours faithfully

Mariagrazia Galimberti  
Heritage Officer: Archaeology  
South African Heritage Resources Agency

Colette Scheermeyer  
SAHRA Head Archaeologist  
South African Heritage Resources Agency

**ADMIN:**  
(DEA, Ref: 14/12/16/3/36/2/319)



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## 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.



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