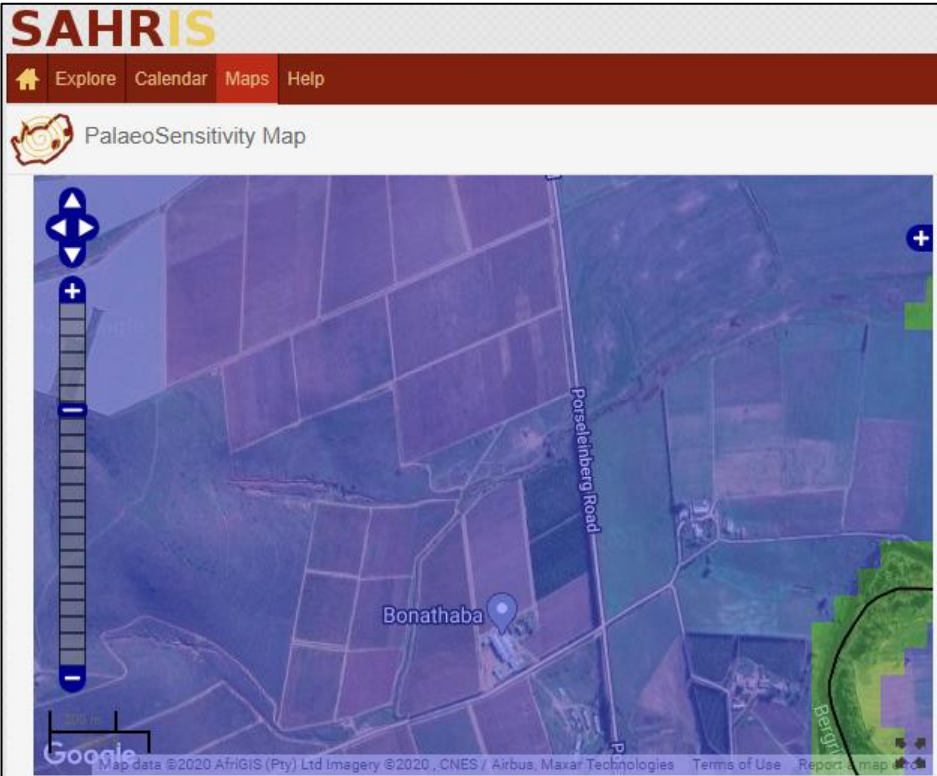


**DEA SCREENING TOOL\_ SPECIALIST ASSESSMENTS IDENTIFIED  
(COMMENTS AND MOTIVATIONS)**

**THE PROPOSED DEVELOPMENT OF AN INSTREAM DAM ON PORTIONS 2 AND 3 OF FARM  
NO. 1100, BONATHABA, MALMESBURY, WESTERN CAPE**

No	Specialist Assessment	Comments/ Motivations
1	Landscape/ Visual Impact Assessment	The proposed site is zoned for agricultural purposes and is surrounded by agricultural land uses. The proposed site is located on an undeveloped part of the property and is located adjacent to an existing farm road with limited vehicles utilizing this farm road. The type of development proposed is in line with the surrounding land use and therefore, will not be a novel visual impact. Therefore, it is envisaged that a Visual Impact Assessment will not be required.
2	Archaeological and Cultural Heritage Impact Assessment (HIA)	A Notice of Intent to Develop will be submitted to HWC. Response received from HWC will be acted on accordingly and a HIA will be conducted should it be required by HWC. As per section 38 of the National Heritage Resources Act, 1999 (Act 25 of 1999), and more specifically section 38. (1) (c) - any development or other activity which will change the character of a site- <i>(i) exceeding 5 000 m<sup>2</sup> in extent;</i> This subsection is applicable to this application as the proposed development is approximately 170 000m <sup>2</sup> (17ha). Thus, a Heritage Assessment may be required <i>subject to response received from HWC on NID.</i>
3	Palaeontological Impact Assessment	As per the PalaeoSensitivity Map , the site is located within an area of low paleontological sensitivity (see Figure 1 below/ accessed at: <a href="https://sahris.sahra.org.za/map/palaeo">https://sahris.sahra.org.za/map/palaeo</a> ). Therefore, although no palaeontological studies are required, a protocol for finds is required and will be included addressed in the Draft EIR phase.

		 <p><b>Figure 1.</b> Site palaeontological sensitivity (Blue = Low Sensitivity).</p>
4	<p>Terrestrial Biodiversity Assessment</p>	<p>The proposed site is located within the Swartland Shale Renosterveld, a vegetation type classified as Critically Endangered (GN 1002, December 2011). No animals were noted on site during the site visit. It is envisaged that a Botanical Impact Assessment will be required (please see comment/ motivation for No. 8) which will comment on and characterize aspects of the terrestrial biodiversity component present in the proposed site for development. Moreover, measures, to mitigate any potential impacts on terrestrial biodiversity, will be addressed and stipulated in the Environmental Impact Report (EIR). Therefore, it is envisaged that a Terrestrial Biodiversity Assessment will not be required for the proposed development.</p>
5	<p>Aquatic Biodiversity Impact Assessment</p>	<p>As per the DEA Screening Tool, the Aquatic Biodiversity Theme is classified as Low. However, due to the nature of the proposed development, it is envisaged that a Freshwater Impact Assessment will be required which will also be used to support the proposed Water Use Authorisation (WUA) application (still to be submitted). A Freshwater Impact Assessment has been undertaken.</p>
6	<p>Hydrological Assessment</p>	<p>Please see motivation above.</p>
7	<p>Socio-economic Assessment</p>	<p>All comments received from I&amp;APs will be addressed and responded to by the relevant personnel, namely the EAP, Applicant, and/ or Specialists. Conditions and measures, which will be addressed and stipulated in the EIR and EMP, will be implemented to mitigate any impacts on socioeconomic development within</p>

		the area and surrounds. Therefore, it is envisaged that a Socio-economic Assessment will not be required.
8	Plant Species Assessment	Although the Plant Species Theme was classified as Medium (see DEA Screening Tool), it is envisaged that a Botanical Assessment will be required. A Botanical Assessment has been undertaken to determine the presence of any plant species of conservational value within the proposed development footprint. It must be noted that conditions and mitigation measures will be addressed and stipulated in the EIR and EMPr to mitigate potential impact(s) of the proposed development on plant species of conservational importance, present within the development footprint.
9	Animal Species Assessment	No animals were noted on site during the site visit however, conditions and measures will be addressed and stipulated in the EIR and EMPr to mitigate potential impact(s) of the proposed development on animal species. This will include conducting earth moving activities in phases (to enable any animal species which may be present to move away from the area and to reduce soil erosion). Therefore, it is envisaged that no Animal Species Assessment will be required.

Please do not hesitate to contact me should you require any further information or clarity on the above.

**Best Regards,**

Anthony Mader



*Environmental Assessment Practitioner*

**EnviroAfrica cc**

p: +27 21 851 1616 m: +27 83 309 9211

f: +27 86 512 0154

a: Unit 7, Pastorie Park, Reitz St, Somerset West, 7130

P.O. Box 5367, Helderberg, 7135

w: [www.enviroafrica.co.za](http://www.enviroafrica.co.za) e: [anthony@enviroafrica.co.za](mailto:anthony@enviroafrica.co.za)