

PREPARED FOR:

**Africa Oil SA
Corp**



PREPARED BY:



SITE SCREENING AND VERIFICATION REPORT

Site ID:	Block 3B/4B Exploration Right EIA	Company:	EIMS
Location:	Block 3B/4B, West Coast, South Africa	Consultant:	GP Kriel
Client representative:	Jan Maier	Date:	12 July 2023

1 Background

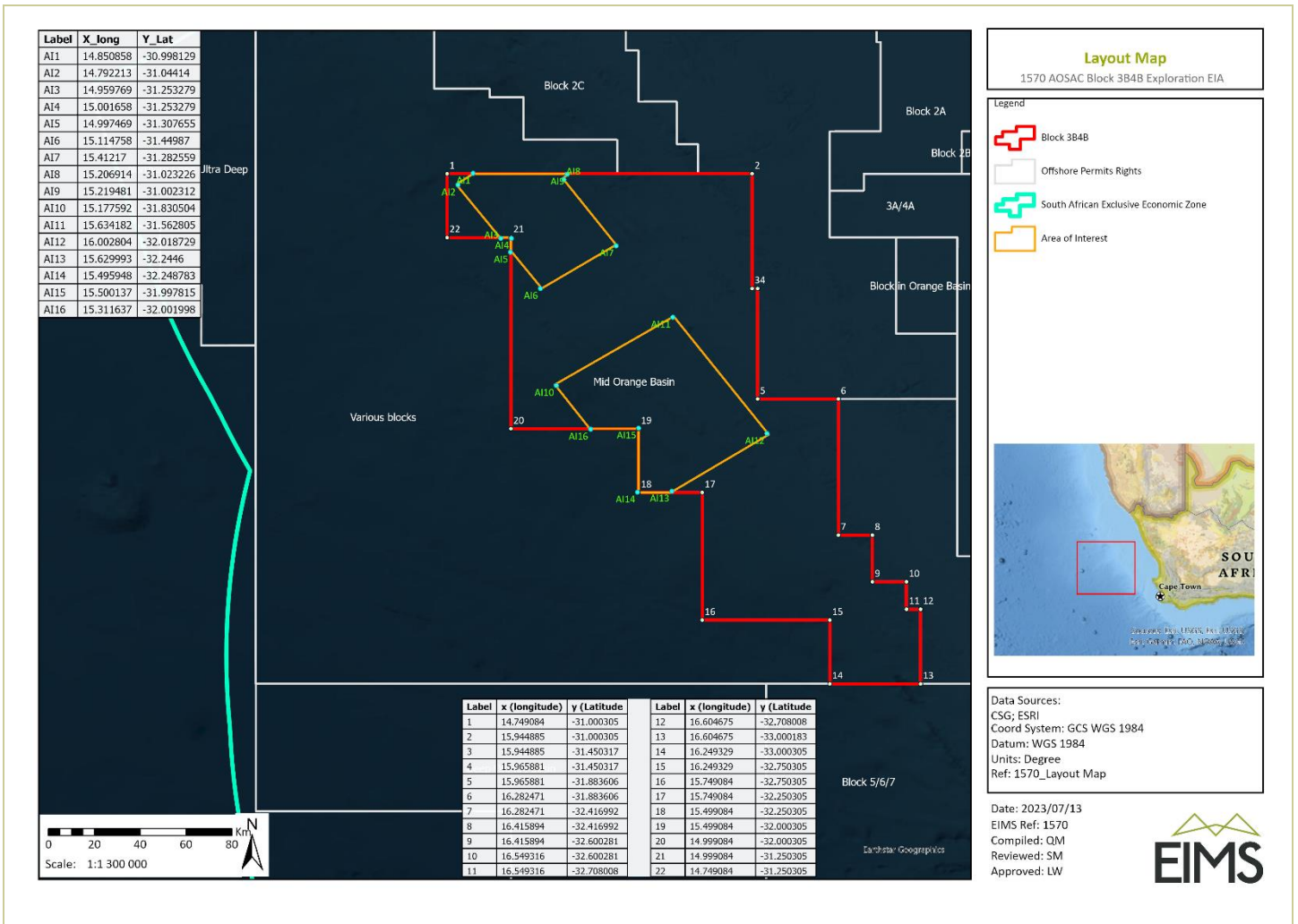
Africa Oil SA Corp, Ricocure (Pty) Ltd and Azinam Limited (a wholly owned subsidiary of Eco Atlantic) (the Joint Venture (JV) Partners – hereafter jointly referred to as the Applicant) are proposing to drill up to five exploration wells within the Area of Interest (AOI) within the Block 3B/4B licence block. The licence block covers an area of approximately 17 581 km² and is situated between latitudes 31°S and 33°S on the continental shelf in water depths ranging from 200 m to 2 000 m.

Block 3B/4B is located approximately 120 km west of St Helena Bay and approximately 145 km south-west of Hondeklip Bay off the West Coast of South Africa. The area of primary interest is in the north of this block, but this could also cover the central part of the block. Within Block 3B/4B the AOI for drilling is located offshore roughly between Port Nolloth and Hondeklip Bay, approximately 188 km from the coast at its closest point and 340 km at its furthest, in water depths between 1 000 m and 3 000 m. The expected target drilling depth is not confirmed yet and a notional well depth, below mudline, of 3 570 m is assumed at this stage.

The schedule for drilling the wells is not confirmed yet; however, the earliest anticipated date for commencement of drilling is between first quarter of 2024 (Q1 2024) and third quarter of 2024 (Q3 2024). The expected target drilling depth is not confirmed yet and a notional well depth of 3 570 m below sea floor is assumed at this stage. It is expected that it would take approximately three to four months to complete the physical drilling and testing of each well (excluding mobilisation and demobilisation). The Applicant's strategy for future drilling is that drilling could be undertaken throughout the year (i.e. not limited to a specific seasonal window period).



2 Site Layout Plan



3 DEA Screening Tool Assessment

It should be noted that the Screening Tool Report stated that “No intersection with any sensitive areas found”. Despite the fact that no sensitivities were identified in this report, a list of specialist studies were presented for this project. Please refer to

Aspect	Very High	High	Medium	Low
Landscape/Visual				
Aquatic Biodiversity				
Marine				
Avian				
Defense				
Noise				
Radioactivity				
Traffic				
Geotechnical				
Climate				
Health				
Socio-Economic				
Ambient Air Quality				
Air Quality				
Seismicity				



4 Motivation for Specialist Studies Undertaken

Screening Tool Specialist Study Required	Level of Sensitivity	Required level of Assessment	Motivation	
Landscape/Visual	Not Specified	None	<input checked="" type="checkbox"/>	The proposed Area of Interest (AOI) is located in excess of 192 km offshore. The proposed exploration drilling activities are temporary in nature and will not be visible by any visual receptors, apart from normal shipping operations.
		Compliance Statement	<input type="checkbox"/>	
		Full Assessment	<input type="checkbox"/>	
		Other	<input type="checkbox"/>	
Aquatic Biodiversity Marine Avian	Not Specified	None	<input type="checkbox"/>	A comprehensive Marine Ecological Assessment was undertaken as part of the EIA Phase of the project and included considerations of Aquatic Biodiversity and Marine and Avian Ecology.
		Compliance Statement	<input type="checkbox"/>	
		Full Assessment	<input checked="" type="checkbox"/>	
		Other	<input type="checkbox"/>	
Defence	Not Specified	None	<input checked="" type="checkbox"/>	It is understood that there are no features of defence importance located within the proposed AOI (e.g. ammunition dumps, etc.). The exploration activities are also not anticipated to interfere with defence related activities.
		Compliance Statement	<input type="checkbox"/>	
		Full Assessment	<input type="checkbox"/>	
		Other	<input type="checkbox"/>	
Noise	Not Specified	None	<input type="checkbox"/>	An acoustic modelling assessment was undertaken. The results of this study were utilised by the Marine Ecology and Fisheries Specialists as part of their studies in order to determine the significance of the impacts.
		Compliance Statement	<input type="checkbox"/>	
		Full Assessment	<input checked="" type="checkbox"/>	
		Other	<input type="checkbox"/>	
Radioactivity	Not Specified	None	<input checked="" type="checkbox"/>	The material safety data sheets (MSDS) for the substances utilised as part of the exploration drilling activities will be scrutinised and toxicity of the chemicals to be used as part of the proposed drilling operations will be assessed as part of the marine ecological impact assessment. The resources in question are not expected to be naturally radioactive. In the case that radioactive materials are encountered or utilised during exploration activities, volumes are expected to be low. Management of these activities would be undertaken as per the requirements of the relevant legislation and guidelines for the management of radioactive sources.
		Compliance Statement	<input type="checkbox"/>	
		Full Assessment	<input type="checkbox"/>	
		Other	<input type="checkbox"/>	
Traffic	Not Specified	None	<input checked="" type="checkbox"/>	The proposed Area of Interest (AOI) is located in excess of 192 km offshore. The proposed exploration drilling activities are not anticipated to have any effect on onshore traffic.
		Compliance Statement	<input type="checkbox"/>	
		Full Assessment	<input type="checkbox"/>	
		Other	<input type="checkbox"/>	
Geotechnical		None	<input checked="" type="checkbox"/>	The proposed AOI is located in excess of 192 km offshore. Part of the proposed exploration activities will involve investigations into the soil and underlying geology.
		Compliance Statement	<input type="checkbox"/>	
		Full Assessment	<input type="checkbox"/>	
		Other	<input type="checkbox"/>	
Climate		None	<input type="checkbox"/>	A Climate Change Assessment has been included in the EIA.
		Compliance Statement	<input type="checkbox"/>	
		Full Assessment	<input checked="" type="checkbox"/>	



Screening Tool Specialist Study Required	Level of Sensitivity	Required level of Assessment	Motivation
		Other	<input type="checkbox"/>
Health		None	<input checked="" type="checkbox"/>
		Compliance Statement	<input type="checkbox"/>
		Full Assessment	<input type="checkbox"/>
		Other	<input type="checkbox"/>
Socio-Economic		None	<input type="checkbox"/>
		Compliance Statement	<input type="checkbox"/>
		Full Assessment	<input checked="" type="checkbox"/>
		Other	<input type="checkbox"/>
Ambient Air Quality/ Air Quality		None	<input type="checkbox"/>
		Compliance Statement	<input type="checkbox"/>
		Full Assessment	<input type="checkbox"/>
		Other	<input type="checkbox"/>
Seismicity		None	<input checked="" type="checkbox"/>
		Compliance Statement	<input type="checkbox"/>
		Full Assessment	<input type="checkbox"/>
		Other	<input type="checkbox"/>