SCREENING REPORT FOR AN ENVIRONMENTAL AUTHORIZATION AS REQUIRED BY THE 2014 EIA REGULATIONS – PROPOSED SITE ENVIRONMENTAL SENSITIVITY

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EIA Reference number:

Project name: AMSA Logistics Hub

Project title: AMSA Logiststics Hub Basic Assessment

Date screening report generated: 13/05/2025 07:20:43

Applicant: ArcelorMittal South Africa Limited

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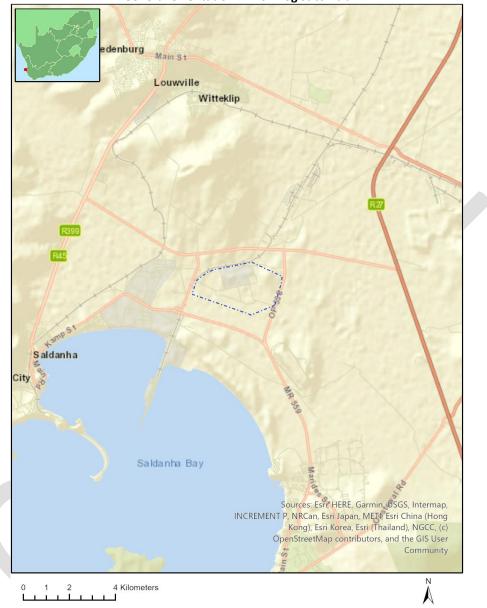
Application Category: Infrastructure | Localised infrastructure | Storage | Dangerous Goods | Chemicals

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Proposed Project Location

Orientation map 1: General location



General Orientation: AMSA Logistics Hub



Map of proposed site and relevant area(s)

Cadastral details of the proposed site

Property details:

No	Farm Name	Farm/ Erf	Portion	Latitude	Longitude	Property
		No				Туре
1	YZERVARKENSRUG	129	0	32°59'30.64S	18°0'50.17E	Farm
2		195	0	32°59'59.05S	18°1'41.44E	Farm
3	YZERVARKENSRUG	129	0	32°58'5.25S	18°2'33.73E	Farm
4		1132	0	32°58'56.61S	18°1'31.25E	Farm
5	YZERVARKENSRUG	129	0	32°59'35.69S	18°1'7.02E	Farm Portion
6	YZERVARKENSRUG	129	0	32°59'0.89S	18°2'34.84E	Farm Portion
7	YZERVARKENSRUG	129	0	32°59'30.85S	18°1'10.31E	Farm Portion
8		195	2	32°59'43.42S	18°1'46.75E	Farm Portion
9		195	2	32°59'35.6S	18°2'5.51E	Farm Portion
10		1132	0	32°59'9.01S	18°1'25.84E	Farm Portion
11		1132	0	32°58'56.61S	18°1'31.24E	Farm Portion
12		1132	1	32°58'48.48S	18°0'31.01E	Farm Portion

Development footprint¹ vertices: No development footprint(s) specified.

¹ "development footprint", means the area within the site on which the development will take place and incudes all ancillary developments for example roads, power lines, boundary walls, paving etc. which require vegetation clearance or which will be disturbed and for which the application has been submitted.

Wind and Solar developments with an approved Environmental Authorisation or applications under consideration within 30 km of the proposed area

No	EIA Reference No	Classification	Status of	Distance from proposed
			application	area (km)
1	12/12/20/1581/A3	Wind	Approved	15.9
2	14/12/16/3/3/2/2540	Solar PV	Approved	15
3	14/12/16/3/3/1/2348	Solar PV	Approved	20.2
4	14/12/16/3/3/2/1057	Wind	Approved	17.6
5	12/12/20/2126/AM6	Solar PV	Approved	4.6
6	14/12/16/3/3/2/2053	Solar PV	Approved	12.8
7	14/12/16/3/3/2/2436	Solar PV	Approved	25.8
8	12/12/20/2126/1/AM2	Solar PV	Approved	4.6
9	12/12/20/2126/AM7	Solar PV	Approved	4.6
10	12/12/20/2126/1	Solar PV	Approved	4.6
11	12/12/20/1781/AM3	Wind	Approved	12.4
12	12/12/20/2157	Wind	Approved	17.5
13	14/12/16/3/3/2/2503	Solar PV	Approved	16.6
14	14/12/16/3/3/2/1144	Solar PV	Approved	25.8
15	14/12/16/3/3/2/1031	Solar PV	Approved	9.4
16	12/12/20/2126	Solar PV	Approved	2.5
17	12/12/20/1581	Wind	Approved	15.9
18	12/12/20/1781/AM2	Wind	Approved	12.4
19	12/12/20/2626	Solar PV	Approved	4.2
20	12/12/20/1781/A1	Wind	Approved	12.4
21	12/12/20/2339	Wind	Approved	0
22	14/12/16/3/3/1/2108	Wind	Approved	16.6
23	12/12/20/2126/AM5	Solar PV	Approved	4.6
24	14/12/16/3/3/2/2020	Solar PV	Approved	1.2
25	12/12/20/1781	Wind	Approved	12.4
26	12/12/20/2126/1/AM5	Solar PV	Approved	4.6
27	12/12/20/2126/AM2	Solar PV	Approved	4.6
28	12/12/20/2625	Solar PV	Approved	3

Environmental Management Frameworks relevant to the application

No intersections with EMF areas found.

Environmental screening results and assessment outcomes

The following sections contain a summary of any development incentives, restrictions, exclusions or prohibitions that apply to the proposed development site as well as the most environmental sensitive features on the site based on the site sensitivity screening results for the application classification that was selected. The application classification selected for this report is: Infrastructure | Localised infrastructure | Storage | Dangerous Goods | Chemicals.

Relevant development incentives, restrictions, exclusions or prohibitions

The following development incentives, restrictions, exclusions or prohibitions and their implications that apply to this site are indicated below.

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Disclaimer applies 13/05/2025

Incentive, restriction or prohibition	Implication
Strategic Transmission Corridor-Western corridor	https://screening.environment.gov.za/ScreeningDownloads/Developmen tZones/Combined_EGI.pdf
Besaansklip Industrial	https://screening.environment.gov.za/ScreeningDownloads/Developmen
Zone-Offset Needed	tZones/The Saldanha Strategic Offset Strategy 2020.pdf
Besaansklip Industrial	https://screening.environment.gov.za/ScreeningDownloads/Developmen
Zone-Not Developable	tZones/The Saldanha Strategic Offset Strategy_2020.pdf
Besaansklip Industrial	https://screening.environment.gov.za/ScreeningDownloads/Developmen
Zone-No Offset Needed	tZones/The Saldanha Strategic Offset Strategy 2020.pdf
Main Electricity	https://screening.environment.gov.za/ScreeningDownloads/Developmen
Distribution Substation	tZones/Distribution_Transmission.pdf

Proposed Development Area Environmental Sensitivity

The following summary of the development site environmental sensitivities is identified. Only the highest environmental sensitivity is indicated. The footprint environmental sensitivities for the proposed development footprint as identified, are indicative only and must be verified on site by a suitably qualified person before the specialist assessments identified below can be confirmed.

Theme	Very High sensitivity	High sensitivity	Medium sensitivity	Low sensitivity
Agriculture Theme		X		
Animal Species Theme		X		
Aquatic Biodiversity Theme	X			
Archaeological and Cultural Heritage Theme				X
Civil Aviation Theme		Х		
Defence Theme			Х	
Paleontology Theme	X			
Plant Species Theme			Х	
Terrestrial Biodiversity Theme	Х			

Specialist assessments identified

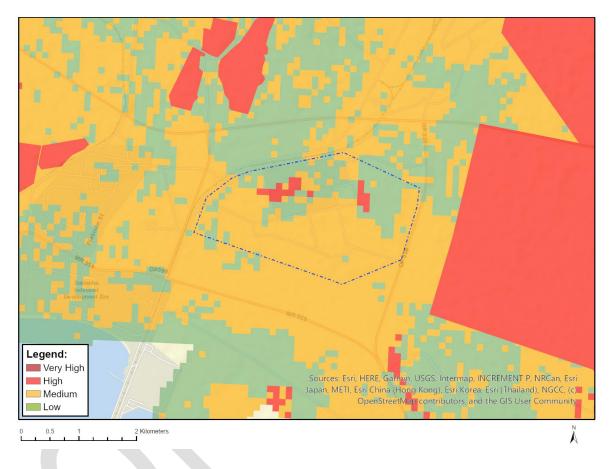
Based on the selected classification, and the known impacts associated with the proposed development, the following list of specialist assessments have been identified for inclusion in the assessment report. It is the responsibility of the EAP to confirm this list and to motivate in the assessment report, the reason for not including any of the identified specialist study including the provision of photographic evidence of the site situation.

No	Specialist	Assessment Protocol
	assessment	
1	Agricultural Impact Assessment	https://screening.environment.gov.za/ScreeningDownloads/Asse ssmentProtocols/Gazetted_General_Agriculture_Assessment_Pro tocols.pdf
2	Archaeological and Cultural Heritage Impact Assessment	https://screening.environment.gov.za/ScreeningDownloads/Asse ssmentProtocols/GuidanceforHIA.pdf

3	Palaeontology Impact	https://screening.environment.gov.za/ScreeningDownloads/Asse
	Assessment	ssmentProtocols/GuidanceforPIA.pdf
4	Terrestrial Biodiversity	https://screening.environment.gov.za/ScreeningDownloads/Asse
	Impact Assessment	ssmentProtocols/Gazetted_Terrestrial_Biodiversity_Assessment_
		Protocols.pdf
5	Aquatic Biodiversity	https://screening.environment.gov.za/ScreeningDownloads/Asse
	Impact Assessment	ssmentProtocols/Gazetted_Aquatic_Biodiversity_Assessment_Pr
		<u>otocols.pdf</u>
6	Hydrology Assessment	https://screening.environment.gov.za/ScreeningDownloads/Asse
		ssmentProtocols/Gazetted_General_Requirement_Assessment_P
		rotocols.pdf
7	Noise Impact Assessment	https://screening.environment.gov.za/ScreeningDownloads/Asse
		ssmentProtocols/Gazetted_Noise_Impacts_Assessment_Protocol.
		<u>pdf</u>
8	Traffic Impact	https://screening.environment.gov.za/ScreeningDownloads/Asse
	Assessment	ssmentProtocols/Gazetted_General_Requirement_Assessment_P
		rotocols.pdf
9	Geotechnical Assessment	https://screening.environment.gov.za/ScreeningDownloads/Asse
		ssmentProtocols/Gazetted_General_Requirement_Assessment_P
		rotocols.pdf
10	Socio-Economic	https://screening.environment.gov.za/ScreeningDownloads/Asse
	Assessment	<pre>ssmentProtocols/Gazetted_General_Requirement_Assessment_P</pre>
		rotocols.pdf
11	Plant Species Assessment	https://screening.environment.gov.za/ScreeningDownloads/Asse
		ssmentProtocols/Gazetted Plant Species Assessment Protocols.
		pdf
12	Animal Species <u>https://screening.environment.gov.za/ScreeningDownloads</u>	
	Assessment	ssmentProtocols/Gazetted_Animal_Species_Assessment_Protoco
		<u>ls.pdf</u>

Results of the environmental sensitivity of the proposed area.

The following section represents the results of the screening for environmental sensitivity of the proposed site for relevant environmental themes associated with the project classification. It is the duty of the EAP to ensure that the environmental themes provided by the screening tool are comprehensive and complete for the project. Refer to the disclaimer.

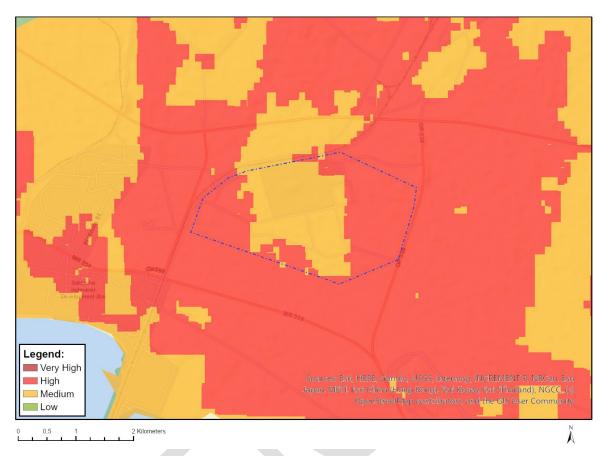


MAP OF RELATIVE AGRICULTURE THEME SENSITIVITY

Very High sensitivity	High sensitivity	Medium sensitivity	Low sensitivity
	Х		

Sensitivity	Feature(s)
High	08. Moderate
High	09. Moderate-High
Low	04. Low-Very low
Low	05. Low
Medium	06. Low-Moderate
Medium	07. Low-Moderate

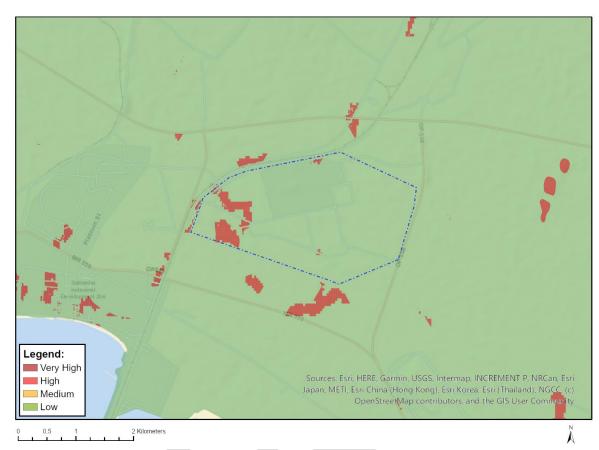
MAP OF RELATIVE ANIMAL SPECIES THEME SENSITIVITY



Where only a sensitive plant unique number or sensitive animal unique number is provided in the screening report and an assessment is required, the environmental assessment practitioner (EAP) or specialist is required to email SANBI at <u>eiadatarequests@sanbi.org.za</u> listing all sensitive species with their unique identifiers for which information is required. The name has been withheld as the species may be prone to illegal harvesting and must be protected. SANBI will release the actual species name after the details of the EAP or specialist have been documented.

Very High sensitivity	High sensitivity	Medium sensitivity	Low sensitivity
	X		

Sensitivity	Feature(s)		
High	Aves-Circus ranivorus		
High	Aves-Falco biarmicus		
High	Aves-Afrotis afra		
High	Aves-Circus maurus		
Medium	Aves-Hydroprogne caspia		
Medium	Invertebrate-Bullacris obliqua		



MAP OF RELATIVE AQUATIC BIODIVERSITY THEME SENSITIVITY

Very High sensitivity	High sensitivity	Medium sensitivity	Low sensitivity
X			

Sensitivity	Feature(s)
Low	Low sensitivity
Very High	CBA 1: Aquatic
Very High	ESA 1: Aquatic
Very High	Wetlands_West Strandveld Bioregion (Depression)

MAP OF RELATIVE ARCHAEOLOGICAL AND CULTURAL HERITAGE THEME **SENSITIVITY**



0.5 2 Kilometers

Very High sensitivity	High sensitivity	Medium sensitivity	Low sensitivity
			Х

Sensitivity	Feature(s)
Low	Low Sensitivity

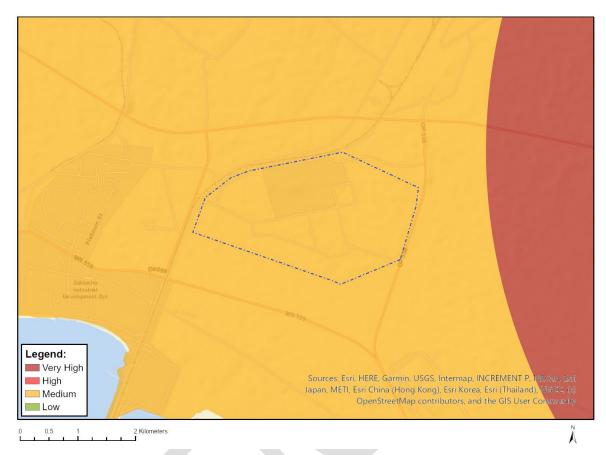
MAP OF RELATIVE CIVIL AVIATION THEME SENSITIVITY



Very High sensitivity	High sensitivity	Medium sensitivity	Low sensitivity
	Х		

Sensitivity	Feature(s)
High	Within 8 km of other civil aviation aerodrome
High	Dangerous and restricted airspace as demarcated

MAP OF RELATIVE DEFENCE THEME SENSITIVITY



Very High sensitivity	High sensitivity	Medium sensitivity	Low sensitivity
		Х	

eature(s)
lilitary and Defence Site



MAP OF RELATIVE PALEONTOLOGY THEME SENSITIVITY

Very High sensitivity	High sensitivity	Medium sensitivity	Low sensitivity
Х			

Sensitivity	Feature(s)
Very High	Features with a Very High paleontological sensitivity

<figure>

MAP OF RELATIVE PLANT SPECIES THEME SENSITIVITY

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Very High sensitivity	High sensitivity	Medium sensitivity	Low sensitivity
		х	

Sensitivity Features:

Sensitivity	Feature(s)
Low	Low Sensitivity
Medium	Sensitive species 244
Medium	Antimima limbata
Medium	Ruschia cupulata
Medium	Ruschia langebaanensis
Medium	Ruschia tecta
Medium	Drosanthemum hispifolium
Medium	Cephalophyllum rostellum
Medium	Indigofera platypoda
Medium	Otholobium venustum
Medium	Wiborgia fusca subsp. macrocarpa
Medium	Podalyria sericea
Medium	Leucadendron cinereum

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		1
Medium	Leucospermum hypophyllocarpodendron subsp. canaliculatum	
Medium	Manulea augei	
Medium	Manulea corymbosa	
Medium	Echiostachys spicatus	
Medium	Sensitive species 878	
Medium	Geissorhiza lewisiae	
Medium	Sparaxis calcicola	
Medium	Ixia purpureorosea	
Medium	Sensitive species 881	
Medium	Sensitive species 816	
Medium	Romulea barkerae	
Medium	Romulea saldanhensis	
Medium	Sensitive species 127	
Medium	Sensitive species 272	
Medium	Ferraria densepunctulata	
Medium	Ferraria parva	
Medium	Pauridia longituba	
Medium	Pauridia linearis	
Medium	Empodium veratrifolium	
Medium	Oxalis burtoniae	
Medium	Oxalis subsessilis	
Medium	Erica trichostigma	
Medium	Hermannia procumbens subsp. myrrhifolia	
Medium	Sensitive species 222	
Medium	Sensitive species 93	
Medium	Galenia crystallina var. maritima	
Medium	Hessea mathewsii	
Medium	Sensitive species 840	
Medium	Annesorhiza calcicola	
Medium	Sensitive species 1243	
Medium	Cynanchum zeyheri	
Medium	Felicia elongata	
Medium	Steirodiscus tagetes	
Medium	Cineraria angulosa	
Medium	Cotula duckittiae	
Medium	Cotula eckloniana	
Medium	Osteospermum calcicola	
Medium	Helichrysum bachmannii	
Medium	Agathosma thymifolia	
Medium	Limonium acuminatum	
Medium	Limonium purpuratum	
Medium	Muraltia harveyana	
Medium	Sensitive species 333	
Medium	Sensitive species 156	
Medium	Silene ornata	
Medium	Silene saldanhensis	
Medium	Phylica greyii	
Medium	Phylica harveyi	
Medium	Wiborgiella dahlgrenii	
Medium	Argyrolobium velutinum	
	Xiphotheca reflexa	
Neniim		
Medium Medium	Leucospermum rodolentum	
Medium	Leucospermum rodolentum	
Medium Medium	Sensitive species 599	
Medium Medium Medium	Sensitive species 599 Cotula pusilla	
Medium Medium	Sensitive species 599	



MAP OF RELATIVE TERRESTRIAL BIODIVERSITY THEME SENSITIVITY

Very High sensitivity	High sensitivity	Medium sensitivity	Low sensitivity
х			

Sensitivity	Feature(s)
Very High	ESA 2: Restore from other land use
Very High	ESA 1
Very High	CBA 2: Terrestrial
Very High	CBA 1: Terrestrial
Very High	National Protected Area Expansion Strategy (NPAES)
Very High	EN_Saldanha Flats Strandveld
Very High	CR_Saldanha Limestone Strandveld