

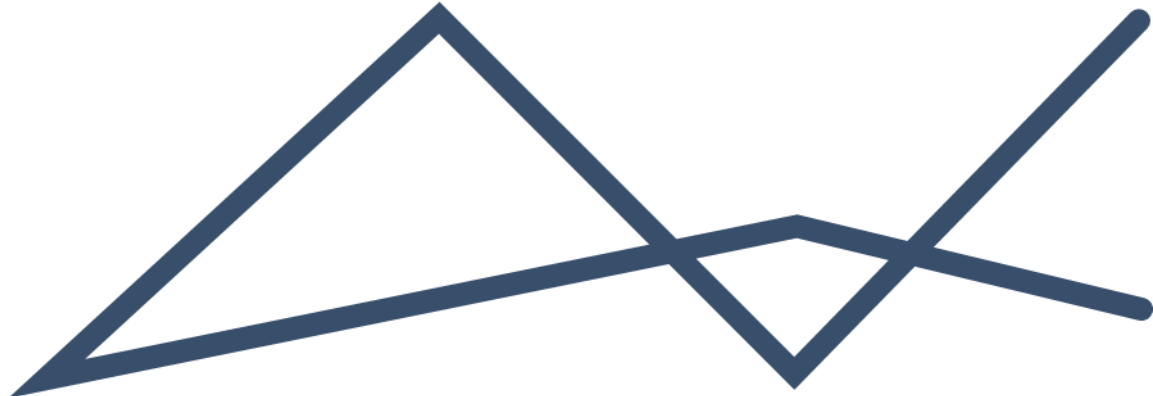


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ENVIRONMENTAL MANAGEMENT PROGRAMME ADDENDUM

NTCSA GREATER EAST LONDON PHASE 4 (PEMBROKE-POSEIDON)
400 kV TRANSMISSION POWERLINE – SITE SPECIFIC EMPr





DOCUMENT DETAILS

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DOCUMENT CONTROL

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REVISION AND AMENDMENTS

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1 INTRODUCTION

The National Transmission Company of South Africa SOC Limited (NTSCA) has appointed Environmental Impact Management Services (Pty) Ltd (EIMS) as the Environmental Assessment Practitioner (EAP) to undertake a site-specific Environmental Management Programme (EMPr) update for the EMPr that was approved as part of the Environmental Impact Assessment undertaken for the proposed Greater East London Phase 4 (Pembroke-Poseidon) 400kV transmission powerline.

The site-specific EMPr is based on a tower-to-tower walkdown undertaken by the EAP and specialist team from the 7th of April to 17th April 2025. The specialist team encompassed the following environmental themes:

- Terrestrial Biodiversity (Fauna and Flora) – The Biodiversity Company;
- Avifauna – The Biodiversity Company;
- Wetlands and Aquatics – The Biodiversity Company; and
- Heritage – EIMS.

Following the site visit, each specialist has provided appropriate additional mitigation measures applicable to the pylon positions as well as the cable spans (where relevant). These mitigation measures have been tabulated according to NTSCA's pylon position unique identifying numbering system and form part of this addendum to the existing EMPr. The site-specific EMPr addendum must be read together with EMPr approved for the Greater East London Phase 4 (Pembroke-Poseidon) 400kV transmission powerline and relevant specialist reports.

The site-specific mitigation measures proposed by the specialists are summarised in the table below.

Table 1: Site-Specific Mitigation Measures

Pylon Number	Coordinates		Specialist Discipline							
			Heritage		Avifauna		Freshwater / Wetlands		Terrestrial Ecology	
Pem/Pos 1	32° 53' 7,73" S	27° 31' 19,62" E	No mitigation required.	site-specific measures	Fit flight diverters as per industry standards.	No mitigation required.	site-specific measures	No mitigation required.	site-specific measures	
Pem/Pos 2	32° 53' 13,76" S	27° 31' 20,48" E								
Pem/Pos 3	32° 53' 26,37" S	27° 31' 21,29" E			Fit flight diverters every 5 m within the 100m buffer around the freshwater delineations.					
Pem/Pos 4	32° 53' 40,2" S	27° 31' 22,17" E								
Pem/Pos 5	32° 53' 52,12" S	27° 31' 20,51" E								
Pem/Pos 6	32° 54' 3,47" S	27° 31' 20,9" E								
Pem/Pos 7	32° 54' 15,16" S	27° 31' 29,15" E								
Pem/Pos 8	32° 54' 30,1" S	27° 31' 26,57" E								
Pem/Pos 9	32° 54' 45,92" S	27° 31' 23,84" E								
Pem/Pos 10	32° 54' 58,59" S	27° 31' 21,65" E								
							Intersection with preferential flow, non-perennial drainage or buffer and wetland buffer. Relocate to			

Pylon Number	Coordinates		Heritage	Specialist Discipline		
				Avifauna	Freshwater / Wetlands	Terrestrial Ecology
					avoid features and buffers where feasible	
Pem/Pos 11	32° 55' 13,83" S	27° 31' 19,02" E		Fit flight diverters as per industry standards.	No site-specific mitigation measures required.	
Pem/Pos 12	32° 55' 28,04" S	27° 31' 16,56" E		Fit flight diverters every 5 m within the 100m buffer around the freshwater delineations.		<i>Tritonia laxifolia</i> which is a protected species was observed at position. Destruction permits should be obtained.
Pem/Pos 13	32° 55' 44,29" S	27° 31' 13,75" E			Intersection with preferential flow, non-perennial drainage or buffer and wetland buffer. Relocate to avoid features and buffers where feasible	No site-specific mitigation measures required.
Pem/Pos 14	32° 55' 52,71" S	27° 31' 12,3" E			No site-specific mitigation measures required.	
Pem/Pos 15	32° 56' 6,86" S	27° 31' 10,36" E				
Pem/Pos 16	32° 56' 16,43" S	27° 31' 7,93" E				
Pem/Pos 17	32° 56' 24,02" S	27° 31' 5,53" E				<i>Tritonia laxifolia</i> which is a protected species was observed at position.

Pylon Number	Coordinates		Specialist Discipline			
			Heritage	Avifauna	Freshwater / Wetlands	Terrestrial Ecology
						Destruction permits should be obtained.
Pem/Pos 18	32° 56' 35,48" S	27° 31' 1,9" E				No site-specific mitigation measures required.
Pem/Pos 19	32° 56' 41,7" S	27° 30' 48,33" E				
Pem/Pos 20	32° 56' 47,02" S	27° 30' 36,72" E				
Pem/Pos 21	32° 56' 54,68" S	27° 30' 20,01" E				
Pem/Pos 22	32° 57' 0,57" S	27° 30' 7,16" E				Relocation or avoidance of water resources to overcome future water erosion.
Pem/Pos 23	32° 57' 1,63" S	27° 29' 44,68" E				No site-specific mitigation measures required.
Pem/Pos 24	32° 57' 2,33" S	27° 29' 29,86" E		Fit flight diverters as per industry standards.		
Pem/Pos 25	32° 57' 2,86" S	27° 29' 18,66" E		Fit flight diverters every 5 m within the 100m buffer around the freshwater delineations.		
Pem/Pos 26	32° 57' 3,64" S	27° 29' 1,99" E				
Pem/Pos 27	32° 57' 4,12" S	27° 28' 51,74" E				Relocation or avoidance of water resources to overcome future water erosion.

Pylon Number	Coordinates		Specialist Discipline			
			Heritage	Avifauna	Freshwater / Wetlands	Terrestrial Ecology
Pem/Pos 28	32° 57' 5,17" S	27° 28' 29,5" E	Single Stone Flake. No further mitigation or action is recommended. However, a Heritage Chance Find Procedure is advised to be followed should additional heritage finds or sites be encountered.		Intersection with non-perennial drainage and wetland. Relocate to avoid wetland, drainage and buffer.	No site-specific mitigation measures required.
Pem/Pos 29	32° 57' 5,74" S	27° 28' 17,4" E				
Pem/Pos 30	32° 57' 6,34" S	27° 28' 4,55" E				
Pem/Pos 31	32° 57' 7,03" S	27° 27' 50,02" E			No site-specific mitigation measures required.	
Pem/Pos 32	32° 57' 7,78" S	27° 27' 33,94" E				
Pem/Pos 33	32° 57' 8,8" S	27° 27' 12,13" E				
Pem/Pos 34	32° 57' 9,56" S	27° 26' 56" E	LSA-MSA stone tool site. Includes examples of cores with multiple removals and flakes. A buffer of 30 meters must be considered around the feature. Should structure intersect with this buffer, it is advised that the structure be moved. If the structure cannot be	Fit flight diverters as per industry standards.		

Pylon Number	Coordinates		Specialist Discipline			
			Heritage	Avifauna	Freshwater / Wetlands	Terrestrial Ecology
			moved to accommodate the buffer, the feature must be included in a heritage permit application to account for any potential destruction or disturbance which may occur to the overall site.			
Pem/Pos 35	32° 57' 10,42" S	27° 26' 37,55" E	No mitigation required.	site-specific measures	Fit flight diverters every 5 m within the 100m buffer around the freshwater delineations.	Intersection with preferential flow, non-perennial drainage or buffer and wetland buffer. Relocate to avoid features and buffers where feasible.
Pem/Pos 36	32° 57' 11,07" S	27° 26' 23,77" E				
Pem/Pos 37	32° 57' 11,58" S	27° 26' 12,93" E				
Pem/Pos 38	32° 57' 4,4" S	27° 26' 3,25" E				
Pem/Pos 39	32° 56' 56,73" S	27° 25' 52,89" E				
Pem/Pos 40	32° 56' 48,21" S	27° 25' 41,4" E				

Pylon Number	Coordinates		Heritage	Specialist Discipline			
				Avifauna	Freshwater / Wetlands	Terrestrial Ecology	
Pem/Pos 41	32° 56' 35,93" S	27° 25' 24,82" E		Fit flight diverters as per industry standards.	No site-specific mitigation measures required.		
Pem/Pos 42	32° 56' 28,68" S	27° 25' 15,04" E		Fit flight diverters every 5 m within the 100m buffer around the freshwater delineations.			
Pem/Pos 43	32° 56' 17,71" S	27° 25' 0,23" E					
Pem/Pos 44	32° 56' 7,47" S	27° 24' 46,42" E					
Pem/Pos 45	32° 55' 59,42" S	27° 24' 35,56" E		Fit flight diverters as per industry standards.		<i>Boophone disticha</i> were recorded at PemPos 46 which is a protected species. Obtain a destruction permit from the appropriate authorities for the <i>Boophone disticha</i> species.	
Pem/Pos 46	32° 55' 52,9" S	27° 24' 26,77" E					
Pem/Pos 47	32° 55' 46,93" S	27° 24' 14,01" E		Fit flight diverters every 5 m within the 100m buffer around the freshwater delineations.		No site-specific mitigation measures required.	
Pem/Pos 48	32° 55' 38,75" S	27° 23' 56,53" E					
Pem/Pos 49	32° 55' 33,52" S	27° 23' 45,36" E					
Pem/Pos 50	32° 55' 24,42" S	27° 23' 25,93" E					

Pylon Number	Coordinates		Specialist Discipline			
			Heritage	Avifauna	Freshwater / Wetlands	Terrestrial Ecology
Pem/Pos 51	32° 55' 17,99" S	27° 23' 12,19" E	ESA site including handaxe. No further mitigation or action is recommended. However, a Heritage Procedure is advised to be followed should additional heritage finds or sites be encountered.	Fit flight diverters as per industry standards.		
Pem/Pos 52	32° 55' 10,37" S	27° 22' 55,93" E				
Pem/Pos 53	32° 55' 4,12" S	27° 22' 42,58" E	No site-specific mitigation measures required.	Fit flight diverters every 5 m within the 100m buffer around the freshwater delineations.		
Pem/Pos 54	32° 54' 55,34" S	27° 22' 23,84" E				
Pem/Pos 55	32° 54' 48,73" S	27° 22' 9,72" E				
Pem/Pos 56	32° 54' 41,53" S	27° 21' 54,35" E				
Pem/Pos 57	32° 54' 36,46" S	27° 21' 43,54" E		Fit flight diverters as per industry standards.		
Pem/Pos 58	32° 54' 30,45" S	27° 21' 30,72" E	Graves. A buffer of 50 meters must be considered around the feature. Should structure	Fit flight diverters every 5 m within the 100m buffer around the freshwater delineations.	Intersection with preferential flow, non-	Retain basal vegetation beneath towers.
Pem/Pos 59	32° 54' 22,61" S	27° 21' 13,99" E				
Pem/Pos 60	32° 54' 16,03" S	27° 20' 59,94" E				
Pem/Pos 61	32° 54' 8,41" S	27° 20' 43,68" E				

Pylon Number	Coordinates	Specialist Discipline			
		Heritage	Avifauna	Freshwater / Wetlands	Terrestrial Ecology
		intersect with this buffer, it is advised that the structure be moved. If the structure cannot be moved to accommodate the buffer, the feature, in this case a grave or grave site, must be included in a heritage permit application to account for any potential destruction or disturbance which may occur to unidentified underground features or graves. It is recommended that the feature be fenced off to ensure it is not disturbed during or after construction. The site should be accessible to any visitors or family members of the interred individuals. Consultation with communities in proximity is advised. Any records gathered in relation to the grave or grave site should be kept for future reference.		perennial drainage or buffer and wetland buffer. Relocate to avoid features and buffers where feasible.	

Pylon Number	Coordinates		Specialist Discipline			
			Heritage	Avifauna	Freshwater / Wetlands	Terrestrial Ecology
			Painted stones. Potentially related to intangible heritage. The feature itself is not of heritage value; however, the developer is advised to liaise with surrounding communities regarding the significance of this feature. Should the feature not be of cultural heritage significance as per the advice of the community, the feature may be destroyed.			
Pem/Pos 62	32° 54' 1,65" S	27° 20' 29,27" E	No site-specific mitigation measures required.		No site-specific mitigation measures required.	
Pem/Pos 63	32° 53' 54,3" S	27° 20' 13,61" E			Intersection with non-perennial drainage and wetland. Relocate to avoid wetland, drainage and buffer.	
Pem/Pos 64	32° 53' 46,17" S	27° 19' 56,27" E		Fit flight diverters as per industry standards.	No site-specific mitigation measures required.	
Pem/Pos 65	32° 53' 40,07" S	27° 19' 43,26" E				

Pylon Number	Coordinates		Specialist Discipline			
			Heritage	Avifauna	Freshwater / Wetlands	Terrestrial Ecology
Pem/Pos 66	32° 53' 33,87" S	27° 19' 30,03" E				
Pem/Pos 67	32° 53' 26,44" S	27° 19' 14,19" E				
Pem/Pos 68	32° 53' 20,86" S	27° 19' 2,3" E				
Pem/Pos 69	32° 53' 15,24" S	27° 18' 50,33" E				
Pem/Pos 70	32° 53' 8,31" S	27° 18' 35,56" E				
Pem/Pos 71	32° 53' 6,33" S	27° 18' 19,17" E				
Pem/Pos 72	32° 53' 4,59" S	27° 18' 4,76" E				
Pem/Pos 73	32° 53' 2,75" S	27° 17' 49,45" E	Complete graveyard. A buffer of 50 meters must be considered around the feature. Should structure intersect with this buffer, it is advised that the structure be moved. If the structure cannot be moved to accommodate the buffer, the feature, in this case a grave or grave	Fit flight diverters every 5 m within the 100m buffer around the freshwater delineations.	Intersection with non-perennial drainage and wetland. Relocate to avoid wetland, drainage and buffer.	No site-specific mitigation measures required.
Pem/Pos 74	32° 53' 0,64" S	27° 17' 31,99" E				

Pylon Number	Coordinates		Specialist Discipline			
			Heritage	Avifauna	Freshwater / Wetlands	Terrestrial Ecology
			<p>site, must be included in a heritage permit application to account for any potential destruction or disturbance which may occur to unidentified underground features or graves. It is recommended that the feature be fenced off to ensure it is not disturbed during or after construction. The site should be accessible to any visitors or family members of the interred individuals. Consultation with communities in proximity is advised. Any records gathered in relation to the grave or grave site should be kept for future reference.</p>			
Pem/Pos 75	32° 52' 58,24" S	27° 17' 12,18" E	<p>No site-specific mitigation measures required.</p>			
Pem/Pos 76	32° 52' 57,2" S	27° 17' 3,51" E				
Pem/Pos 77	32° 52' 54,81" S	27° 16' 43,74" E				
Pem/Pos 78	32° 52' 52,89" S	27° 16' 27,89" E				

Pylon Number	Coordinates		Specialist Discipline						
			Heritage	Avifauna	Freshwater / Wetlands	Terrestrial Ecology			
Pem/Pos 79	32° 52' 50,93" S	27° 16' 11,69" E			Intersection with preferential flow, non-perennial drainage or buffer and wetland buffer. Relocate to avoid features and buffers where feasible.				
Pem/Pos 80	32° 52' 49,02" S	27° 15' 55,89" E							
Pem/Pos 81	32° 52' 46,47" S	27° 15' 34,83" E							
Pem/Pos 82	32° 52' 44,56" S	27° 15' 19,03" E							
Pem/Pos 83	32° 52' 42,03" S	27° 14' 58,2" E							
Pem/Pos 84	32° 52' 40,09" S	27° 14' 42,19" E		Fit flight diverters as per industry standards.	No site-specific mitigation measures required.				
Pem/Pos 85	32° 52' 38,45" S	27° 14' 28,66" E							
Pem/Pos 86	32° 52' 36,23" S	27° 14' 10,32" E					Fit flight diverters every 5 m within the 100m buffer around the freshwater delineations.	Intersection with non-perennial drainage and wetland. Relocate to avoid wetland, drainage and buffer.	
Pem/Pos 87	32° 52' 34,58" S	27° 13' 56,73" E							No site-specific mitigation measures required.
Pem/Pos 88	32° 52' 32,3" S	27° 13' 41,88" E							

Pylon Number	Coordinates		Specialist Discipline			
			Heritage	Avifauna	Freshwater / Wetlands	Terrestrial Ecology
Pem/Pos 89	32° 52' 30,5" S	27° 13' 30,14" E		Fit flight diverters as per industry standards.		
Pem/Pos 90	32° 52' 27,65" S	27° 13' 11,6" E				
Pem/Pos 91	32° 52' 25,35" S	27° 12' 56,63" E				
Pem/Pos 92	32° 52' 22,59" S	27° 12' 38,68" E				
Pem/Pos 93	32° 52' 20,5" S	27° 12' 25,1" E				
Pem/Pos 94	32° 52' 18,48" S	27° 12' 11,97" E				
Pem/Pos 95	32° 52' 15,7" S	27° 11' 53,89" E	Grave and Complete Graveyard. A buffer of 50 meters must be considered around the feature. Should structure intersect with this buffer, it is advised that the structure be moved. If the structure cannot be moved to accommodate the buffer, the feature, in this case a grave or grave site, must be included in a heritage permit application to account for any potential destruction or disturbance which			
Pem/Pos 96	32° 52' 13,83" S	27° 11' 41,78" E				

Pylon Number	Coordinates		Specialist Discipline		
			Heritage	Avifauna	Freshwater / Wetlands Terrestrial Ecology
			may occur to unidentified underground features or graves. It is recommended that the feature be fenced off to ensure it is not disturbed during or after construction. The site should be accessible to any visitors or family members of the interred individuals. Consultation with communities in proximity is advised. Any records gathered in relation to the grave or grave site should be kept for future reference.		
Pem/Pos 97	32° 52' 11,47" S	27° 11' 26,43" E	No site-specific mitigation measures required.		
Pem/Pos 98	32° 52' 8,58" S	27° 11' 7,64" E			
Pem/Pos 99	32° 52' 6,84" S	27° 10' 56,38" E			
Pem/Pos 100	32° 52' 4,67" S	27° 10' 42,28" E			
Pem/Pos 101	32° 52' 2,66" S	27° 10' 29,22" E			
Pem/Pos 102	32° 52' 0,4" S	27° 10' 14,58" E		Fit flight diverters every 5 m within the 100m buffer around the freshwater delineations.	Intersection with preferential flow, non-

Pylon Number	Coordinates		Specialist Discipline			
			Heritage	Avifauna	Freshwater / Wetlands	Terrestrial Ecology
					perennial drainage or buffer and wetland buffer. Relocate to avoid features and buffers where feasible.	
Pem/Pos 103	32° 51' 59,18" S	27° 10' 6,68" E			No site-specific mitigation measures required.	
Pem/Pos 104	32° 51' 55,65" S	27° 9' 43,73" E				
Pem/Pos 105	32° 51' 53,96" S	27° 9' 32,83" E				
Pem/Pos 106	32° 51' 51,85" S	27° 9' 19,11" E				
Pem/Pos 107	32° 51' 49,27" S	27° 9' 2,4" E				
Pem/Pos 108	32° 51' 47,68" S	27° 8' 52,09" E				
Pem/Pos 109	32° 51' 45,11" S	27° 8' 35,47" E				
Pem/Pos 110	32° 51' 43,37" S	27° 8' 24,21" E				
Pem/Pos 111	32° 51' 41,12" S	27° 8' 9,61" E				
Pem/Pos 112	32° 51' 38,08" S	27° 7' 49,89" E				
Pem/Pos 113	32° 51' 36,13" S	27° 7' 37,3" E				
Pem/Pos 114	32° 51' 34,05" S	27° 7' 23,86" E				

Pylon Number	Coordinates		Specialist Discipline			
			Heritage	Avifauna	Freshwater / Wetlands	Terrestrial Ecology
Pem/Pos 115	32° 51' 35,61" S	27° 7' 13,38" E		Fit flight diverters every 5 m within the 100m buffer around the freshwater delineations.		
Pem/Pos 116	32° 51' 37,62" S	27° 6' 59,88" E				
Pem/Pos 117	32° 51' 39,76" S	27° 6' 45,5" E				
Pem/Pos 118	32° 51' 42,81" S	27° 6' 24,99" E				
Pem/Pos 119	32° 51' 44,98" S	27° 6' 10,38" E				
Pem/Pos 120	32° 51' 47,28" S	27° 5' 54,93" E				
Pem/Pos 121	32° 51' 50,31" S	27° 5' 34,5" E				
Pem/Pos 122	32° 51' 52,88" S	27° 5' 17,19" E				
Pem/Pos 123	32° 51' 55,09" S	27° 5' 2,31" E				
Pem/Pos 124	32° 51' 57,42" S	27° 4' 46,64" E				
Pem/Pos 125	32° 51' 59,82" S	27° 4' 30,41" E				
Pem/Pos 126	32° 52' 1,9" S	27° 4' 16,44" E		Fit flight diverters as per industry standards.		
Pem/Pos 127	32° 52' 3,84" S	27° 4' 3,34" E		Fit flight diverters every 5 m within the 100m buffer around the freshwater delineations.		
Pem/Pos 128	32° 52' 5,94" S	27° 3' 49,19" E				

Pylon Number	Coordinates		Specialist Discipline			
			Heritage	Avifauna	Freshwater / Wetlands	Terrestrial Ecology
Pem/Pos 129	32° 52' 8,02" S	27° 3' 35,13" E		Fit flight diverters as per industry standards.		
Pem/Pos 130	32° 52' 10,33" S	27° 3' 19,54" E			Intersection with non-perennial drainage and wetland. Relocate to avoid wetland, drainage and buffer.	
Pem/Pos 131	32° 52' 13,06" S	27° 3' 1,14" E			Graveyard. A buffer of 50 meters must be considered around the feature. Should structure intersect with this buffer, it is advised that the structure be moved. If the structure cannot be moved to accommodate the buffer, the feature, in this case a grave or grave site, must be included in a heritage permit application to account for any potential destruction or disturbance which may occur to unidentified underground features or graves. It is recommended that the feature be fenced off to ensure it is not disturbed during or after	

Pylon Number	Coordinates		Specialist Discipline			
			Heritage	Avifauna	Freshwater / Wetlands	Terrestrial Ecology
			construction. The site should be accessible to any visitors or family members of the interred individuals. Consultation with communities in proximity is advised. Any records gathered in relation to the grave or grave site should be kept for future reference.			
Pem/Pos 132	32° 52' 15,12" S	27° 2' 47,25" E	No site-specific mitigation measures required.	Fit flight diverters every 5 m within the 100m buffer around the freshwater delineations.		
Pem/Pos 133	32° 52' 17,47" S	27° 2' 31,38" E				
Pem/Pos 134	32° 52' 10,33" S	27° 2' 9,25" E				
Pem/Pos 135	32° 52' 6,72" S	27° 1' 58,07" E		Fit flight diverters as per industry standards.		
Pem/Pos 136	32° 52' 3,06" S	27° 1' 46,7" E		Fit flight diverters every 5 m within the 100m buffer around the freshwater delineations.		No SCC species were observed in this section however one protected species was recorded namely <i>Aloiampelos ciliaris</i> . Obtain a relocation permit from the appropriate
Pem/Pos 137	32° 51' 55,77" S	27° 1' 24,1" E				
Pem/Pos 138	32° 51' 50,53" S	27° 1' 7,87" E		Fit flight diverters as per industry standards.		
Pem/Pos 139	32° 51' 47,02" S	27° 0' 56,99" E				

Pylon Number	Coordinates		Specialist Discipline			
			Heritage	Avifauna	Freshwater / Wetlands	Terrestrial Ecology
Pem/Pos 140	32° 51' 42,24" S	27° 0' 42,16" E				authorities for the <i>Aloiampelos ciliaris</i> species.
Pem/Pos 141	32° 51' 38,18" S	27° 0' 29,58" E				
Pem/Pos 142	32° 51' 34,92" S	27° 0' 19,5" E				
Pem/Pos 143	32° 51' 34,99" S	27° 0' 4,65" E				
Pem/Pos 144	32° 51' 35,06" S	26° 59' 50,23" E				
Pem/Pos 145	32° 51' 35,13" S	26° 59' 36,43" E				
Pem/Pos 146	32° 51' 35,2" S	26° 59' 21,25" E				
Pem/Pos 147	32° 51' 35,28" S	26° 59' 4,33" E				
Pem/Pos 148	32° 51' 35,4" S	26° 58' 39,1" E				
Pem/Pos 149	32° 51' 35,45" S	26° 58' 28,07" E				
Pem/Pos 150	32° 51' 35,52" S	26° 58' 14,69" E				
Pem/Pos 151	32° 51' 35,61" S	26° 57' 54,25" E				
Pem/Pos 152	32° 51' 35,68" S	26° 57' 39,95" E				
Pem/Pos 153	32° 51' 35,77" S	26° 57' 18,94" E				
Pem/Pos 154	32° 51' 35,84" S	26° 57' 4,71" E				

Fit flight diverters every 5 m within the 100m buffer around the freshwater delineations.

Pylon Number	Coordinates		Specialist Discipline			
			Heritage	Avifauna	Freshwater / Wetlands	Terrestrial Ecology
Pem/Pos 155	32° 51' 35,93" S	26° 56' 43,56" E				
Pem/Pos 156	32° 51' 35,98" S	26° 56' 31,54" E				
Pem/Pos 157	32° 51' 36,07" S	26° 56' 12" E				
Pem/Pos 158	32° 51' 36,13" S	26° 55' 57,79" E				
Pem/Pos 159	32° 51' 36,18" S	26° 55' 45,63" E				
Pem/Pos 160	32° 51' 36,25" S	26° 55' 29,27" E			Intersection with non-perennial drainage and wetland. Relocate to avoid wetland, drainage and buffer.	
Pem/Pos 161	32° 51' 36,33" S	26° 55' 11,66" E			No site-specific mitigation measures required.	
Pem/Pos 162	32° 51' 36,4" S	26° 54' 55,04" E			Intersection with preferential flow, non-perennial drainage or buffer and wetland buffer. Relocate to avoid features and buffers where feasible.	
Pem/Pos 163	32° 51' 36,86" S	26° 54' 35,37" E				

Pylon Number	Coordinates		Specialist Discipline				
			Heritage	Avifauna	Freshwater / Wetlands	Terrestrial Ecology	
Pem/Pos 164	32° 51' 37,23" S	26° 54' 19,99" E	Stone tool. MSA unifacial piece. No further mitigation or action is recommended. However, a Heritage Procedure is advised to be followed should additional heritage finds or sites be encountered.	Fit flight diverters as per industry standards.	No site-specific mitigation measures required.		
Pem/Pos 165	32° 51' 37,6" S	26° 54' 4,16" E		Fit flight diverters every 5 m within the 100m buffer around the freshwater delineations.			No site-specific mitigation measures required.
Pem/Pos 166	32° 51' 38,03" S	26° 53' 45,9" E					
Pem/Pos 167	32° 51' 38,37" S	26° 53' 31,41" E					
Pem/Pos 168	32° 51' 38,77" S	26° 53' 14,34" E					
Pem/Pos 169	32° 51' 39,16" S	26° 52' 57,79" E					
Pem/Pos 170	32° 51' 39,59" S	26° 52' 39,27" E	No site-specific mitigation measures required.	Fit flight diverters as per industry standards.			
Pem/Pos 171	32° 51' 39,94" S	26° 52' 24,45" E		Fit flight diverters every 5 m within the 100m buffer around the freshwater delineations.			Intersection with non-perennial drainage and wetland. Relocate to avoid wetland, drainage and buffer.
Pem/Pos 172	32° 51' 40,49" S	26° 52' 0,93" E					

Pylon Number	Coordinates	Heritage	Specialist Discipline		
			Avifauna	Freshwater / Wetlands	Terrestrial Ecology
				No site-specific mitigation measures required.	appropriate authorities for the <i>Boscia albitrunca</i> and the species seeing that relocation of the <i>Boscia albitrunca</i> species has a very low success rate.
Pem/Pos 173	32° 51' 41,31" S 26° 51' 49,45" E				No site-specific mitigation measures required.
Pem/Pos 174	32° 51' 42,45" S 26° 51' 33,32" E				
Pem/Pos 175	32° 51' 43,62" S 26° 51' 16,89" E				
Pem/Pos 176	32° 51' 44,61" S 26° 51' 2,97" E				
Pem/Pos 177	32° 51' 45,88" S 26° 50' 45,11" E		Fit flight diverters as per industry standards.	Intersection with preferential flow, non-perennial drainage or buffer and wetland buffer. Relocate to avoid features and buffers where feasible.	
Pem/Pos 178	32° 51' 47,07" S 26° 50' 28,35" E			No site-specific mitigation measures required.	
Pem/Pos 179	32° 51' 48,18" S 26° 50' 12,68" E		Fit flight diverters every 5 m within the 100m buffer around the		
Pem/Pos 180	32° 51' 49,41" S 26° 49' 55,27" E				

Pylon Number	Coordinates		Heritage	Specialist Discipline		
				Avifauna	Freshwater / Wetlands	Terrestrial Ecology
Pem/Pos 181	32° 51' 50,6" S	26° 49' 38,46" E		freshwater delineations.	Intersection with preferential flow, non-perennial drainage or buffer and wetland buffer. Relocate to avoid features and buffers where feasible.	
Pem/Pos 182	32° 51' 51,75" S	26° 49' 22,33" E		Fit flight diverters as per industry standards.	No site-specific mitigation measures required.	
Pem/Pos 183	32° 51' 52,59" S	26° 49' 10,38" E				
Pem/Pos 184	32° 51' 53,58" S	26° 48' 56,42" E		Fit flight diverters every 5 m within the 100m buffer around the freshwater delineations.		
Pem/Pos 185	32° 51' 54,21" S	26° 48' 47,5" E				
Pem/Pos 186	32° 51' 54,97" S	26° 48' 36,74" E				
Pem/Pos 187	32° 51' 56,16" S	26° 48' 19,92" E			Intersection with preferential flow, non-perennial drainage or buffer and wetland buffer. Relocate to avoid features and buffers where feasible.	
Pem/Pos 188	32° 51' 57,4" S	26° 48' 2,34" E			No site-specific mitigation measures required.	
Pem/Pos 189	32° 51' 58,57" S	26° 47' 45,83" E				

Pylon Number	Coordinates		Specialist Discipline			
			Heritage	Avifauna	Freshwater / Wetlands	Terrestrial Ecology
Pem/Pos 190	32° 51' 59,84" S	26° 47' 27,84" E		Fit flight diverters as per industry standards.		
Pem/Pos 191	32° 52' 1,04" S	26° 47' 10,77" E				
Pem/Pos 192	32° 52' 2,01" S	26° 46' 57,02" E				
Pem/Pos 193	32° 52' 2,93" S	26° 46' 44,03" E				
Pem/Pos 194	32° 52' 3,75" S	26° 46' 30,04" E				
Pem/Pos 195	32° 52' 4,64" S	26° 46' 14,89" E				
Pem/Pos 196	32° 52' 5,62" S	26° 45' 58,29" E		Fit flight diverters every 5 m within the 100m buffer around the freshwater delineations.		<p><i>Ammocharis coranica</i> was recorded at PemPos 197. Obtain a destruction permit from the appropriate authorities.</p> <p>No site-specific mitigation measures required.</p>
Pem/Pos 197	32° 52' 6,51" S	26° 45' 43,11" E				
Pem/Pos 198	32° 52' 7,58" S	26° 45' 24,87" E				
Pem/Pos 199	32° 52' 8,58" S	26° 45' 7,87" E				
Pem/Pos 200	32° 52' 9,43" S	26° 44' 53,47" E				
Pem/Pos 201	32° 52' 10,27" S	26° 44' 39,03" E				
Pem/Pos 202	32° 52' 11,21" S	26° 44' 23,01" E		Fit flight diverters as per industry standards.		

Pylon Number	Coordinates		Specialist Discipline			
			Heritage	Avifauna	Freshwater / Wetlands	Terrestrial Ecology
Pem/Pos 203	32° 52' 12,25" S	26° 44' 5,3" E			Intersection with preferential flow, non-perennial drainage or buffer and wetland buffer. Relocate to avoid features and buffers where feasible.	
Pem/Pos 204	32° 52' 13,12" S	26° 43' 50,49" E				
Pem/Pos 205	32° 52' 14" S	26° 43' 35,29" E				
Pem/Pos 206	32° 52' 15,34" S	26° 43' 12,5" E			No site-specific mitigation measures required.	
Pem/Pos 207	32° 52' 15,86" S	26° 43' 3,48" E				
Pem/Pos 208	32° 52' 17,09" S	26° 42' 42,44" E				
Pem/Pos 209	32° 52' 17,76" S	26° 42' 30,94" E				
Pem/Pos 210	32° 52' 18,59" S	26° 42' 16,7" E				
Pem/Pos 211	32° 52' 19,64" S	26° 41' 58,75" E				<i>Boscia albitrunca</i> . Obtain a destruction permit from the appropriate authorities for the <i>Boscia albitrunca</i> and the species seeing that relocation of the <i>Boscia albitrunca</i>

Pylon Number	Coordinates		Specialist Discipline			
			Heritage	Avifauna	Freshwater / Wetlands	Terrestrial Ecology
						species has a very low success rate.
Pem/Pos 212	32° 52' 20,79" S	26° 41' 38,96" E				No site-specific mitigation measures required.
Pem/Pos 213	32° 52' 21,79" S	26° 41' 21,9" E				
Pem/Pos 214	32° 52' 22,46" S	26° 41' 10,3" E				
Pem/Pos 215	32° 52' 23,54" S	26° 40' 51,78" E				<i>Boscia albitrunca</i> . Obtain a destruction permit from the appropriate authorities for the <i>Boscia albitrunca</i> and the species seeing that relocation of the <i>Boscia albitrunca</i> species has a very low success rate.
Pem/Pos 216	32° 52' 24,52" S	26° 40' 34,79" E				No site-specific mitigation measures required.
Pem/Pos 217	32° 52' 25,35" S	26° 40' 20,55" E				
Pem/Pos 218	32° 52' 26,32" S	26° 40' 3,92" E				<i>Boscia albitrunca</i> . Obtain a destruction permit from the appropriate authorities for the <i>Boscia albitrunca</i> and

Pylon Number	Coordinates	Specialist Discipline			
		Heritage	Avifauna	Freshwater / Wetlands	Terrestrial Ecology
					the species seeing that relocation of the <i>Boscia albitrunca</i> species has a very low success rate.
Pem/Pos 219	32° 52' 27,08" S 26° 39' 50,78" E				<i>Boscia albitrunca</i> . Obtain a destruction permit from the appropriate authorities for the <i>Boscia albitrunca</i> and the species seeing that relocation of the <i>Boscia albitrunca</i> species has a very low success rate.
Pem/Pos 220	32° 52' 27,82" S 26° 39' 37,97" E				No site-specific mitigation measures required.
Pem/Pos 221	32° 52' 29,36" S 26° 39' 11,39" E				
Pem/Pos 222	32° 52' 30,05" S 26° 38' 59,49" E				<i>Boscia albitrunca</i> . Obtain a destruction permit from the appropriate authorities for the <i>Boscia albitrunca</i> and the species seeing that relocation of the <i>Boscia albitrunca</i>

Pylon Number	Coordinates		Specialist Discipline			
			Heritage	Avifauna	Freshwater / Wetlands	Terrestrial Ecology
						species has a very low success rate.
Pem/Pos 223	32° 52' 31,32" S	26° 38' 37,52" E				No site-specific mitigation measures required.
Pem/Pos 224	32° 52' 32,23" S	26° 38' 21,74" E				<i>Tritonia laxifolia</i> . Obtain a destruction permit from the appropriate authorities seeing that relocation of the <i>Tritonia laxifolia</i> species has a very low success rate.
Pem/Pos 225	32° 52' 33,18" S	26° 38' 5,3" E				No site-specific mitigation measures required.
Pem/Pos 226	32° 52' 34,09" S	26° 37' 49,61" E				
Pem/Pos 227	32° 52' 34,7" S	26° 37' 39" E	Pem/Pos 227 Specifically - MSA Site - Examples of knapped flakes. A buffer of 30 meters must be considered around the feature. Should structure intersect with this buffer, it is advised that the structure be moved. If the structure cannot be	Fit flight diverters every 5 m within the 100m buffer around the freshwater delineations.		
Pem/Pos 228	32° 52' 35,72" S	26° 37' 21,21" E				
Pem/Pos 229	32° 52' 36,48" S	26° 37' 8,07" E				

Pylon Number	Coordinates	Specialist Discipline			
		Heritage	Avifauna	Freshwater / Wetlands	Terrestrial Ecology
		<p>moved to accommodate the buffer, the feature must be included in a heritage permit application to account for any potential destruction or disturbance which may occur to the overall site.</p> <p>Pem/Pos 227-229 - MSA site. A buffer of 30 meters must be considered around the feature. Should structure intersect with this buffer, it is advised that the structure be moved. If the structure cannot be moved to accommodate the buffer, the feature must be included in a heritage permit application to account for any potential destruction or disturbance which may occur to the overall site.</p> <p>Pem/Pos 229 Specifically - Stone tool. MSA</p>			

Pylon Number	Coordinates		Specialist Discipline			
			Heritage	Avifauna	Freshwater / Wetlands	Terrestrial Ecology
			Unifacial flake - Levallois example. No further mitigation or action is recommended. However, a Heritage Procedure is advised to be followed should additional heritage finds or sites be encountered.			
Pem/Pos 230	32° 52' 37,44" S	26° 36' 51,39" E	No site-specific mitigation measures required.			
Pem/Pos 231	32° 52' 38,41" S	26° 36' 34,51" E				<i>Boscia albitrunca</i> . Obtain a destruction permit from the appropriate authorities for the <i>Boscia albitrunca</i> and the species seeing that relocation of the <i>Boscia albitrunca</i> species has a very low success rate.
Pem/Pos 232	32° 52' 39,3" S	26° 36' 19,16" E	ESA tools including a handaxe. No further mitigation or action is recommended. However, a Heritage Procedure is advised to be followed should additional			No site-specific mitigation measures required.

Pylon Number	Coordinates		Specialist Discipline			
			Heritage	Avifauna	Freshwater / Wetlands	Terrestrial Ecology
			heritage finds or sites be encountered.			
Pem/Pos 233	32° 52' 40,61" S	26° 35' 56,29" E	ESA Cleaver. No further mitigation or action is recommended. However, a Heritage Procedure is advised to be followed should additional heritage finds or sites be encountered.			
Pem/Pos 234	32° 52' 41,43" S	26° 35' 41,95" E	No site-specific mitigation measures required.			
Pem/Pos 235	32° 52' 38,42" S	26° 35' 24,91" E		Fit flight diverters as per industry standards.		
Pem/Pos 236	32° 52' 35,54" S	26° 35' 8,64" E				
Pem/Pos 237	32° 52' 33,53" S	26° 34' 57,26" E				
Pem/Pos 238	32° 52' 30,82" S	26° 34' 41,94" E		Fit flight diverters every 5 m within the 100m buffer around the freshwater delineations.		<i>Boscia albitrunca</i> . Obtain a destruction permit from the appropriate authorities for the <i>Boscia albitrunca</i> and the species seeing that relocation of the <i>Boscia albitrunca</i> species has a very low success rate.

Pylon Number	Coordinates		Specialist Discipline				
			Heritage	Avifauna	Freshwater / Wetlands	Terrestrial Ecology	
Pem/Pos 239	32° 52' 27,32" S	26° 34' 22,19" E				No site-specific mitigation measures required.	
Pem/Pos 240	32° 52' 24,87" S	26° 34' 8,33" E		Fit flight diverters as per industry standards.			
Pem/Pos 241	32° 52' 22,34" S	26° 33' 54,02" E					
Pem/Pos 242	32° 52' 19,86" S	26° 33' 40,02" E		Fit flight diverters every 5 m within the 100m buffer around the freshwater delineations.			
Pem/Pos 243	32° 52' 16,52" S	26° 33' 21,18" E					
Pem/Pos 244	32° 52' 14,57" S	26° 33' 10,16" E					
Pem/Pos 245	32° 52' 12,36" S	26° 32' 57,69" E					
							<i>Sideroxylon inerme</i> Obtain a destruction permit from the appropriate authorities for the <i>Sideroxylon inerme</i> and the species seeing that relocation of the <i>Sideroxylon inerme</i> species has a very low success rate.
Pem/Pos 246	32° 52' 8,65" S	26° 32' 36,79" E					No site-specific mitigation measures required.
Pem/Pos 247	32° 52' 6,06" S	26° 32' 22,14" E					
Pem/Pos 248	32° 52' 3,19" S	26° 32' 5,98" E					

Pylon Number	Coordinates		Specialist Discipline			
			Heritage	Avifauna	Freshwater / Wetlands	Terrestrial Ecology
Pem/Pos 249	32° 52' 0,06" S	26° 31' 48,34" E				
Pem/Pos 250	32° 51' 57,33" S	26° 31' 32,93" E				
Pem/Pos 251	32° 51' 54,53" S	26° 31' 17,13" E				<i>Sideroxylon inerme</i> Obtain a destruction permit from the appropriate authorities for the <i>Sideroxylon inerme</i> and the species seeing that relocation of the <i>Sideroxylon inerme</i> species has a very low success rate.
Pem/Pos 252	32° 51' 51,28" S	26° 30' 58,83" E				No site-specific mitigation measures required.
Pem/Pos 253	32° 51' 48,92" S	26° 30' 45,57" E				
Pem/Pos 254	32° 51' 46,4" S	26° 30' 31,37" E	MSA site. A buffer of 30 meters must be considered around the feature. Should structure intersect with this buffer, it is advised that the structure be moved. If the structure cannot be moved to accommodate the buffer, the feature must be included in a			

Pylon Number	Coordinates		Specialist Discipline			
			Heritage	Avifauna	Freshwater / Wetlands	Terrestrial Ecology
			heritage permit application to account for any potential destruction or disturbance which may occur to the overall site.			
Pem/Pos 255	32° 51' 43,09" S	26° 30' 12,71" E	No mitigation required.	site-specific measures		
Pem/Pos 256	32° 51' 40,16" S	26° 29' 56,23" E				
Pem/Pos 257	32° 51' 37,29" S	26° 29' 40,07" E				
Pem/Pos 258	32° 51' 34,78" S	26° 29' 25,96" E				
Pem/Pos 259	32° 51' 32,63" S	26° 29' 13,88" E				
Pem/Pos 260	32° 51' 30,14" S	26° 28' 59,87" E				
Pem/Pos 261	32° 51' 27,93" S	26° 28' 47,44" E				
Pem/Pos 262	32° 51' 26,12" S	26° 28' 37,25" E				
Pem/Pos 263	32° 51' 23,42" S	26° 28' 22,04" E				
Pem/Pos 264	32° 51' 20,42" S	26° 28' 5,18" E				
Pem/Pos 265	32° 51' 18,08" S	26° 27' 52,06" E				
Pem/Pos 266	32° 51' 15,61" S	26° 27' 38,18" E				

Pylon Number			Coordinates		Specialist Discipline			
					Heritage	Avifauna	Freshwater / Wetlands	Terrestrial Ecology
Pem/Pos 267	32° 51' 12,83" S	26° 27' 22,53" E		Fit flight diverters every 5 m within the 100m buffer around the freshwater delineations.				
Pem/Pos 268	32° 51' 10,52" S	26° 27' 9,58" E						
Pem/Pos 269	32° 51' 7,64" S	26° 26' 53,38" E						
Pem/Pos 270	32° 51' 5,14" S	26° 26' 39,39" E						
Pem/Pos 271	32° 51' 2,38" S	26° 26' 23,9" E			Intersection with non-perennial drainage and wetland. Relocate to avoid wetland, drainage and buffer.			
Pem/Pos 272	32° 50' 59,62" S	26° 26' 8,39" E			No site-specific mitigation measures required.			
Pem/Pos 273	32° 50' 57,01" S	26° 25' 53,76" E						
Pem/Pos 274	32° 50' 54,93" S	26° 25' 42,05" E						
Pem/Pos 275	32° 50' 51,37" S	26° 25' 22,09" E						
Pem/Pos 276	32° 50' 48,29" S	26° 25' 4,81" E						
Pem/Pos 277	32° 50' 45,47" S	26° 24' 49,03" E						
Pem/Pos 278	32° 50' 42,55" S	26° 24' 32,67" E						
Pem/Pos 279	32° 50' 39,82" S	26° 24' 17,34" E						
Pem/Pos 280	32° 50' 36,32" S	26° 23' 57,73" E						

Pylon Number	Coordinates		Specialist Discipline			
			Heritage	Avifauna	Freshwater / Wetlands	Terrestrial Ecology
Pem/Pos 281	32° 50' 33,46" S	26° 23' 41,74" E	<p>MSA flakes. No further mitigation or action is recommended. However, a Heritage Procedure is advised to be followed should additional heritage finds or sites be encountered.</p> <p>Pem/Pos 284 Specifically - Other examples of MSA cores and flakes. No further mitigation or action is recommended. However, a Heritage Procedure is advised to be followed should additional heritage finds or sites be encountered.</p> <p>No site-specific mitigation measures required.</p>			
Pem/Pos 282	32° 50' 30,94" S	26° 23' 27,63" E				
Pem/Pos 283	32° 50' 28,26" S	26° 23' 12,59" E				
Pem/Pos 284	32° 50' 24,36" S	26° 22' 50,8" E				
Pem/Pos 285	32° 50' 22,54" S	26° 22' 40,58" E				
Pem/Pos 286	32° 50' 19,99" S	26° 22' 26,32" E				
Pem/Pos 287	32° 50' 16,48" S	26° 22' 6,71" E				
Pem/Pos 288	32° 50' 14,56" S	26° 21' 55,97" E				

Pylon Number	Coordinates		Specialist Discipline			
			Heritage	Avifauna	Freshwater / Wetlands	Terrestrial Ecology
Pem/Pos 289	32° 50' 11,36" S	26° 21' 38,05" E				
Pem/Pos 290	32° 50' 8,49" S	26° 21' 22,01" E				
Pem/Pos 291	32° 50' 4,65" S	26° 21' 0,55" E				
Pem/Pos 292	32° 50' 2,17" S	26° 20' 46,72" E				
Pem/Pos 293	32° 49' 59,32" S	26° 20' 30,8" E				
Pem/Pos 294	32° 49' 57,11" S	26° 20' 18,43" E				
Pem/Pos 295	32° 49' 54,67" S	26° 20' 4,79" E				
Pem/Pos 296	32° 49' 51,7" S	26° 19' 48,23" E	MSA Site. A buffer of 30 meters must be considered around the feature. Should structure intersect with this buffer, it is advised that the structure be moved. If the structure cannot be moved to accommodate the buffer, the feature must be included in a heritage permit application to account for any potential destruction or disturbance which			

Pylon Number	Coordinates		Specialist Discipline			
			Heritage	Avifauna	Freshwater / Wetlands	Terrestrial Ecology
			may occur to the overall site.			
Pem/Pos 297	32° 49' 49,16" S	26° 19' 34,02" E	No site-specific mitigation measures required.	Fit flight diverters as per industry standards.		
Pem/Pos 298	32° 49' 46,03" S	26° 19' 16,58" E				
Pem/Pos 299	32° 49' 43,12" S	26° 19' 0,34" E				
Pem/Pos 300	32° 49' 40,25" S	26° 18' 44,34" E				
Pem/Pos 301	32° 49' 37,48" S	26° 18' 28,87" E				
Pem/Pos 302	32° 49' 34,55" S	26° 18' 12,55" E				
Pem/Pos 303	32° 49' 31,81" S	26° 17' 57,29" E				
Pem/Pos 304	32° 49' 28,9" S	26° 17' 41,05" E	Single stone tool - similar to other MSA examples. No further mitigation or action is recommended. However, a Heritage Procedure is advised to be followed should additional heritage finds or sites be encountered.			
Pem/Pos 305	32° 49' 25,86" S	26° 17' 24,12" E	MSA Site. A buffer of 30 meters must be considered around the feature. Should structure			

Pylon Number	Coordinates	Specialist Discipline			
		Heritage	Avifauna	Freshwater / Wetlands	Terrestrial Ecology
		intersect with this buffer, it is advised that the structure be moved. If the structure cannot be moved to accommodate the buffer, the feature must be included in a heritage permit application to account for any potential destruction or disturbance which may occur to the overall site.			
Pem/Pos 306	32° 49' 22,83" S 26° 17' 7,21" E	Single LSA piece. No further mitigation or action is recommended. However, a Heritage Procedure is advised to be followed should additional heritage finds or sites be encountered.			
Pem/Pos 307	32° 49' 19,91" S 26° 16' 50,95" E	No site-specific mitigation measures required.	Fit flight diverters every 5 m within the 100m buffer around the freshwater delineations.		
Pem/Pos 308	32° 49' 16,94" S 26° 16' 34,44" E	ESA Cleaver. No further mitigation or action is recommended. However, a Heritage Procedure is			

Pylon Number	Coordinates		Specialist Discipline			
			Heritage	Avifauna	Freshwater / Wetlands	Terrestrial Ecology
			advised to be followed should additional heritage finds or sites be encountered.			
Pem/Pos 309	32° 49' 13,62" S	26° 16' 15,93" E	Pem/Pos 309 Specifically - Stone tools MSA/LSA. No further mitigation or action is recommended. However, a Heritage Procedure is advised to be followed should additional heritage finds or sites be encountered.			
Pem/Pos 310	32° 49' 10,65" S	26° 15' 59,4" E	<p>Pem/Pos 309-310 - Complete graveyard included ~10 graves. Many graves covered in vegetation and difficult to identify. A buffer of 50 meters must be considered around the feature. Should structure intersect with this buffer, it is advised that the structure be moved. If the structure cannot be moved to accommodate the buffer, the feature, in this case a grave or grave site, must be included in</p>		Intersection with preferential flow, non-perennial drainage or buffer and wetland buffer. Relocate to avoid features and buffers where feasible.	23 <i>Ammocharis coranica</i> was recorded at PemPos 310. Obtain a destruction permit from the appropriate authorities.

Pylon Number	Coordinates	Specialist Discipline		
		Heritage	Avifauna	Freshwater / Wetlands Terrestrial Ecology
		<p>a heritage permit application to account for any potential destruction or disturbance which may occur to unidentified underground features or graves. It is recommended that the feature be fenced off to ensure it is not disturbed during or after construction. The site should be accessible to any visitors or family members of the interred individuals. Consultation with communities in proximity is advised. Any records gathered in relation to the grave or grave site should be kept for future reference.</p> <p>Pem/Pos 310 Specifically - Some examples of ESA/MSA tools. No further mitigation or action is recommended. However, a Heritage Procedure is advised to be followed should</p>		

Pylon Number	Coordinates	Specialist Discipline		
		Heritage	Avifauna	Freshwater / Wetlands Terrestrial Ecology
		<p>additional heritage finds or sites be encountered.</p> <p>Pem/Pos 310 Specifically - Complete graveyard including ~10-15 graves. Landscape very eroded. A buffer of 50 meters must be considered around the feature. Should structure intersect with this buffer, it is advised that the structure be moved. If the structure cannot be moved to accommodate the buffer, the feature, in this case a grave or grave site, must be included in a heritage permit application to account for any potential destruction or disturbance which may occur to unidentified underground features or graves. It is recommended that the feature be fenced off to ensure it is not disturbed during or after construction. The site should be accessible to any visitors or family</p>		

Pylon Number	Coordinates	Specialist Discipline			
		Heritage	Avifauna	Freshwater / Wetlands	Terrestrial Ecology
		members of the interred individuals. Consultation with communities in proximity is advised. Any records gathered in relation to the grave or grave site should be kept for future reference.			
Pem/Pos 311	32° 49' 7,33" S 26° 15' 40,95" E	MSA site and MSA point – part of closer site. A buffer of 30 meters must be considered around the feature. Should structure intersect with this buffer, it is advised that the structure be moved. If the structure cannot be moved to accommodate the buffer, the feature must be included in a heritage permit application to account for any potential destruction or disturbance which may occur to the overall site.		Intersection with non-perennial drainage and wetland. Relocate to avoid wetland, drainage and buffer.	No site-specific mitigation measures required.
Pem/Pos 312	32° 49' 4,74" S 26° 15' 26,5" E	MSA Sites and Part of MSA Site. A buffer of 30 meters must be		No site-specific mitigation measures required.	
Pem/Pos 313	32° 49' 1,54" S 26° 15' 8,72" E				

Pylon Number	Coordinates	Specialist Discipline			
		Heritage	Avifauna	Freshwater / Wetlands	Terrestrial Ecology
		considered around the feature. Should structure intersect with this buffer, it is advised that the structure be moved. If the structure cannot be moved to accommodate the buffer, the feature must be included in a heritage permit application to account for any potential destruction or disturbance which may occur to the overall site.			
Pem/Pos 314	32° 48' 58,54" S 26° 14' 52,03" E	No site-specific mitigation measures required.		Intersection with non-perennial drainage and wetland. Relocate to avoid wetland, drainage and buffer.	
Pem/Pos 315	32° 48' 55,32" S 26° 14' 34,15" E	Stone tool flake/MSA stone tool piece - No further mitigation or action is recommended. However, a Heritage Procedure is advised to be followed should additional heritage finds or sites be encountered.		Intersection with preferential flow, non-perennial drainage or buffer and wetland buffer. Relocate to avoid features and buffers where feasible.	

Pylon Number	Coordinates		Specialist Discipline					
			Heritage		Avifauna		Freshwater / Wetlands	
Pem/Pos 316	32° 48' 52,57" S	26° 14' 18,82" E	No mitigation required.	site-specific measures		No mitigation required.	site-specific measures	
Pem/Pos 317	32° 48' 50,12" S	26° 14' 5,25" E			Fit flight diverters as per industry standards.			
Pem/Pos 318	32° 48' 46,51" S	26° 13' 45,17" E						
Pem/Pos 319	32° 48' 43,55" S	26° 13' 28,71" E						
Pem/Pos 320	32° 48' 40,39" S	26° 13' 11,19" E						
Pem/Pos 321	32° 48' 37,29" S	26° 12' 53,98" E						
Pem/Pos 322	32° 48' 34,36" S	26° 12' 37,68" E						
Pem/Pos 323	32° 48' 31,15" S	26° 12' 19,91" E						
Pem/Pos 324	32° 48' 27,95" S	26° 12' 2,13" E						
Pem/Pos 325	32° 48' 25,11" S	26° 11' 46,38" E						
Pem/Pos 326	32° 48' 22,2" S	26° 11' 30,23" E						
Pem/Pos 327	32° 48' 19,31" S	26° 11' 14,2" E						
Pem/Pos 328	32° 48' 16,98" S	26° 11' 1,29" E						
Pem/Pos 329	32° 48' 14,74" S	26° 10' 48,9" E						
Pem/Pos 330	32° 48' 14,51" S	26° 10' 33,9" E						

Pylon Number	Coordinates		Heritage	Specialist Discipline		
				Avifauna	Freshwater / Wetlands	Terrestrial Ecology
Pem/Pos 331	32° 48' 14,18" S	26° 10' 13,12" E		Fit flight diverters every 5 m within the 100m buffer around the freshwater delineations.		
Pem/Pos 332	32° 48' 13,91" S	26° 9' 55,68" E		Fit flight diverters as per industry standards.		
Pem/Pos 333	32° 48' 13,64" S	26° 9' 38,87" E				
Pem/Pos 334	32° 48' 13,38" S	26° 9' 22,41" E				
Pem/Pos 335	32° 48' 13,1" S	26° 9' 4,64" E				
Pem/Pos 336	32° 48' 12,78" S	26° 8' 44,74" E		Fit flight diverters every 5 m within the 100m buffer around the freshwater delineations.		
Pem/Pos 337	32° 48' 12,5" S	26° 8' 27" E		Fit flight diverters as per industry standards.		
Pem/Pos 338	32° 48' 12,24" S	26° 8' 10,81" E				
Pem/Pos 339	32° 48' 11,96" S	26° 7' 53,62" E		Fit flight diverters every 5 m within the 100m buffer around the freshwater delineations.		
Pem/Pos 340	32° 48' 11,66" S	26° 7' 34,77" E			Intersection with preferential flow, non-perennial drainage or buffer and wetland buffer. Relocate to	

Pylon Number	Coordinates	Specialist Discipline			
		Heritage	Avifauna	Freshwater / Wetlands	Terrestrial Ecology
				avoid features and buffers where feasible.	
Pem/Pos 341	32° 48' 11,38" S 26° 7' 17,33" E			No site-specific mitigation measures required.	One Near Threatened SCC species was observed at PemPos 341 in this section namely <i>Pelargonium reniforme</i> . A relocation permit should be obtained for the <i>Pelargonium reniforme</i> and should be relocated in a similar habitat close to its original location.
Pem/Pos 342	32° 48' 11,13" S 26° 7' 2,13" E				No site-specific mitigation measures required.
Pem/Pos 343	32° 48' 10,93" S 26° 6' 49,64" E				
Pem/Pos 344	32° 48' 8,89" S 26° 6' 36,37" E				
Pem/Pos 345	32° 48' 4,64" S 26° 6' 25,22" E				
Pem/Pos 346	32° 47' 59,02" S 26° 6' 10,48" E				
Pem/Pos 347	32° 47' 53,51" S 26° 5' 56,03" E				
Pem/Pos 348	32° 47' 48,02" S 26° 5' 41,66" E				

Pylon Number	Coordinates		Specialist Discipline			
			Heritage	Avifauna	Freshwater / Wetlands	Terrestrial Ecology
Pem/Pos 349	32° 47' 42,42" S	26° 5' 26,98" E	ESA Handaxe - No further mitigation or action is recommended. However, a Heritage Procedure is advised to be followed should additional heritage finds or sites be encountered.	Fit flight diverters as per industry standards.		
Pem/Pos 350	32° 47' 37,82" S	26° 5' 14,91" E				
Pem/Pos 351	32° 47' 31,98" S	26° 4' 58,88" E	No site-specific mitigation measures required.			
Pem/Pos 352	32° 47' 26,03" S	26° 4' 42,55" E				
Pem/Pos 353	32° 47' 20,54" S	26° 4' 27,48" E				
Pem/Pos 354	32° 47' 14,91" S	26° 4' 12,03" E				
Pem/Pos 355	32° 47' 9,36" S	26° 3' 56,8" E				
Pem/Pos 356	32° 47' 3,38" S	26° 3' 40,41" E				
Pem/Pos 357	32° 47' 1,48" S	26° 3' 23,59" E				
Pem/Pos 358	32° 46' 59,62" S	26° 3' 7,15" E		Fit flight diverters every 5 m within the 100m buffer around the freshwater delineations.		
Pem/Pos 359	32° 46' 57,55" S	26° 2' 48,87" E				

Pylon Number	Coordinates		Specialist Discipline				
			Heritage	Avifauna	Freshwater / Wetlands	Terrestrial Ecology	
Pem/Pos 360	32° 46' 55,7" S	26° 2' 32,6" E		Fit flight diverters as per industry standards.			
Pem/Pos 361	32° 46' 53,92" S	26° 2' 16,92" E					
Pem/Pos 362	32° 46' 52,03" S	26° 2' 0,24" E					
Pem/Pos 363	32° 46' 50,12" S	26° 1' 43,36" E					
Pem/Pos 364	32° 46' 48,19" S	26° 1' 26,41" E					
Pem/Pos 365	32° 46' 46,22" S	26° 1' 9,04" E					
Pem/Pos 366	32° 46' 44,42" S	26° 0' 53,16" E					
Pem/Pos 367	32° 46' 42,54" S	26° 0' 36,62" E					
Pem/Pos 368	32° 46' 40,78" S	26° 0' 21,13" E					
Pem/Pos 369	32° 46' 39,23" S	26° 0' 7,57" E					No site-specific mitigation measures required.
Pem/Pos 370	32° 46' 34,54" S	25° 59' 52,27" E					
Pem/Pos 371	32° 46' 28,38" S	25° 59' 32,23" E					

Pylon Number	Coordinates		Specialist Discipline			
			Heritage	Avifauna	Freshwater / Wetlands	Terrestrial Ecology
Pem/Pos 372	32° 46' 23,45" S	25° 59' 16,19" E				
Pem/Pos 373	32° 46' 18,92" S	25° 59' 1,45" E				
Pem/Pos 374	32° 46' 12,83" S	25° 58' 41,61" E				
Pem/Pos 375	32° 46' 8,63" S	25° 58' 27,97" E				
Pem/Pos 376	32° 46' 4,92" S	25° 58' 15,89" E				
Pem/Pos 377	32° 45' 59,88" S	25° 57' 59,5" E				
Pem/Pos 378	32° 45' 53,95" S	25° 57' 40,21" E				
Pem/Pos 379	32° 45' 49,59" S	25° 57' 26,04" E				
Pem/Pos 380	32° 45' 45,81" S	25° 57' 13,75" E		Fit flight diverters every 5 m within the 100m buffer around the freshwater delineations.		
Pem/Pos 381	32° 45' 41,02" S	25° 56' 58,19" E		Fit flight diverters as per industry standards.		
Pem/Pos 382	32° 45' 37,56" S	25° 56' 46,92" E		Fit flight diverters every 5 m within the 100m buffer around the freshwater delineations.	Intersection with preferential flow, non-perennial drainage or buffer and wetland buffer. Relocate to	

Pylon Number	Coordinates		Specialist Discipline			
			Heritage	Avifauna	Freshwater / Wetlands	Terrestrial Ecology
					avoid features and buffers where feasible.	
Pem/Pos 383	32° 45' 33,98" S	25° 56' 35,29" E		Fit flight diverters as per industry standards.		
Pem/Pos 384	32° 45' 29,54" S	25° 56' 20,88" E		Fit flight diverters every 5 m within the 100m buffer around the freshwater delineations.		
Pem/Pos 385	32° 45' 24,93" S	25° 56' 10,91" E		Fit flight diverters as per industry standards.		
Pem/Pos 386	32° 45' 20,2" S	25° 56' 0,66" E		Fit flight diverters every 5 m within the 100m buffer around the freshwater delineations.		
Pem/Pos 387	32° 45' 13,66" S	25° 55' 46,53" E				
Pem/Pos 388	32° 45' 3,14" S	25° 55' 43,58" E				
Pem/Pos 389	32° 44' 53,95" S	25° 55' 41" E			Intersection with non-perennial drainage and wetland. Relocate to avoid wetland, drainage and buffer.	
Pem/Pos 390	32° 44' 45,4" S	25° 55' 38,6" E			No site-specific mitigation measures required.	