

ZuluAlpha Remote Observatory														
Nature of Impact			Without Mitigation (Baseline)					Without Mitigation Score (Baseline)	With Mitigation					With Mitigation Score (Impact Assessment)
Number	Aspect	Impact	Probability (Likelihood)	Extent	Duration (Frequency)	Magnitude (Intensity/Severity)	Receiving Environment (Significance/Consequence)		Probability (Likelihood)	Extent	Duration (Frequency)	Magnitude (Intensity/Severity)	Receiving Environment (Significance/Consequence)	
CONSTRUCTION PHASE														
1	Biodiversity	Flora, Potential impact on threatened or protected plant species.	-2	-1	-6	-4	-4	-4	-1	-1	-2	-2	-2	-2
2		Potential impact on Fauna and Avi-Fauna	-1	-1	-1	-1	-4	-2	-1	-1	-1	-1	-4	-2
3		Potential impact on protected areas, CBAs, ESAs, SANParks NPAES or Centre's of Endemism.	-2	-1	-6	-4	-4	-4	-1	-1	-2	-2	-2	-2
4	Freshwater Resources	Potential impact to Freshwater resources from construction	0	0	0	0	0	0	0	0	0	0	0	0
5	Archaeological and Heritage Resource	Potential impact on ESA, MSA and LSA pieces, Graves or any sites of human settlement or activity	-1	-1	-2	-1	-1	-2	-1	-1	-2	-1	-1	-1
6	Palaeontology	Potential impact Palaeontology resources	-2	-1	-2	-2	-2	-2	-1	-1	-1	-1	-1	-1
7	Socio-economic	Creation of short- and long term employment opportunities.	5	1	2	3	3	3	5	1	2	3	3	3
8	Noise	Noise will be generated during the construction phase.	-2	-1	-2	-2	-2	-2	-1	-1	-1	-1	-1	-1
9	Dust	Dust will be generated during the construction of the proposed development.	-2	-1	-2	-2	-2	-2	-1	-1	-1	-1	-1	-1
OPERATIONAL PHASE														
10	Visual	Potential light pollution and visually, site may not look aesthetically appealing amid natural background.	-4	-1	-2	-2	-2	-3	-8	-1	-2	-2	-2	-3
11	Socio-economic	Increase in employment opportunities and in local interest in astronomy	4	1	4	3	3	3	4	1	4	3	3	3
12	Dust	Increased ambient dust	-4	-1	-2	-2	-2	-3	-1	-1	-1	-1	-1	-1