al housing development on Site 1 (Portion of New

ENVIRONMENTAL RATING SIGNIFICANCE KEY

	SIGNIFICANCE	RATING	Final rating score / value range
Negative Impacts	Very Significant	Very High	>11 to -16
	Significant	High	>-7 to -11
	Increasing Significance	Medium	>-4 to -7
	Insignificant	Low	-2 to -4
		Very Low	-1 to <-2
Positive Impacts	SIGNIFICANCE	RATING	Final rating score / value range
	Significant	High	10 to 16
	Increasing Significance	Medium	4 to <10
	Insignificant	Low	1 to <4

Nature of Impact			Without Mitigation (Baseline)					Without Mitigation Score (Baseline)	With Mitigation					With Mitigation Score (Impact Assessment)	Short Description of some Mitigation Measures / Enhancement Measures
Number	Aspect	Impact	Probability (Likelihood)	Extent	Duration (Frequency)	Magnitude (Intensity/ Severity)	Receiving Environment (Consequence)		Probability (Likelihood)	Extent	Duration (Frequency)	Magnitude (Intensity/ Severity)	Receiving Environment (Consequence)		
CONSTRUCTION PHASE															
1	Freshwater	Polllution by construction materials and mud. Obliteration of drainage lines by construction activities	-7	-1	-8	-2	-1	-4	-2	-1	-3	-1	-1	-1	Comply with recommendations given in Aquatic Biodiversity Assessment and EMPr
2	Waste	Insufficient number of toilets and / or inappropriate disposal of sewage generated during the construction phase.	-4	-1	-3	-2	-2	-3	-1	-1	-3	-1	-1	-2	Provide sufficient number of toilets for constrution phase workers
3		Temporary increase in waste and litter	-6	-1	-3	-5	-3	-4	-2	-1	-1	-1	-1	-2	Provide an environmental awareness presentation before construction work is commenced with and hold the construction supervisor responsible for adherence.
4	Biodiversity	Clearance of indigenous vegetation	-2	-1	-1	-1	-3	-2	-1	-1	-1	-1	-1	-1	Implement recommendations given in Terrestrial Bidiversity Complilance Statement and EMPr
5		Protected & endangered plant species: Potential impact on threatened or protected	-7	-1	-5	-7	-5	-5	-1	-1	-1	-1	-1	-1	Obtain permits to disturb protected plants and then search for and rescue the protected plants that can be transplanted successfully.
6		Conservation priority: Potential impact on protected areas, CBAs, ESAs or Centres of Endemism.	0	0	0	0	0	0	0	0	0	0	0	0	
7		Connectivity: Potential loss of ecological migration corridors.	0	0	0	0	0	0	0	0	0	0	0	0	
8		Encroachment of alien invasive vegetation in disturbed areas during construction activities	0	0	0	0	0	0	0	0	0	0	0	0	
9		Veld fire risk: Potential risk of veld fires as a result of construction workers trying to warm themselves using fire.	-5	-1	-4	-5	-5	-4	-2	-2	-1	-1	-3	-2	No fires must be allowed on the site
10		Cumulative impacts: Cumulative impact associated with proposed activity.	-2	-1	-1	-1	-1	-2	-1	-1	-1	-1	-1	-1	Keep to all the mitigation measures suggested above and below.
11		The "No-Go" option: Potential impact associated with the No-Go alternative.	0	0	0	0	0	0	0	0	0	0	0	0	
13	Impact on Cultural, Archaeological Palaeontological, and Heritage	Artefacts may be discovered and/or damaged during the construction phase.	-3	-1	-3	-3	-3	-3	-2	-2	-1	-1	-1	-2	Check for any heritage related materials prior to making any excavation.
14		Loss and/or damage to potential fossils and archaeological and historical sites within the construction footprint	-3	-1	-3	-3	-3	-3	-2	-2	-1	-1	-1	-2	Implement recommendations contained in the Heritage Impact Report
		Disturbance caused by temporary displacement of the residents of the informal settlement	-9	-7	-5	-5	-5	-7	-9	-5	-5	-4	-3	-6	Implement recommendations contained in the Social Impact Assessment Report
15	Socio-economic	Creation of short-term employment opportunities and skills acquisition during the construction phase.	8	8	8	8	8	8						#DIV/0!	No mitigation relevant
16	Dust	Dust will be generated during the construction phase of the proposed development which may impact drivers and commuters.	-2	-1	-1	-1	-1	-2	-1	-1	-1	-1	-1	-1	Spray water when dust is generated
17	Visual	Site may look unappealing during the construction phase	-5	-2	-3	-5	-4	-4	-2	-2	-3	-3	-2	-3	Seal off from view as much as possible, specific areas where construction work is taking place.Complete the construction phase as quickly as possible to limit the visualdisturbance caused by construction work.
18	Noise	Noise will be generated during the construction phase.	-4	-2	-1	-3	-2	-3	-3	-2	-1	-2	-1	-2	Limit construction work strictly to normal construction industry work hours. Deliver ready made concrete by mixer truck instead of mixing concrete on the site
OPERATIONAL PHASE															
19	Visual	Eyesore	0	0	0	0	0	0	0	0	0	0	0	0	0
20	Freshwater	Pollution	-7	-1	-8	-2	-1	-4	4	-1	2	-1	-2	-2	
21	Socio-economic	Alleviation of shortage of formaal housing and of basic municipal services	7	7	5	7	8	6							Mitigation is not required