psed alluvial diamonds prospcting with bulk samp			Nature of Impact	Probability	Wa	Duration	n (Baseline) Magnitude (Intensity/	Receiving	Without Mitigation Score	Probability	_	With Mitig	Magnitude (Intensity/	Receiving Environment	With Mitigation Score (Impact	Short Description of som Mitigation Measures /
ENVIRONMENTAL RATING SIGNIFICANCE KEY	Number	Aspect	Impact	Probability (Likelihood)	Extent	(Frequency)	Severity)	(Consequence)	(Baseline)	(Likelihood)	Extent	(Frequency)	(Intensity/ Severity)	Environment (Consequence)	Assessment)	Enhancement Measures
SIGNIFICANCE RATING Final rating score (value range View Significant Very High >-7 to -11 Significant High >-7 to -11	1	Surface water	Disturbance to welfande associated with much of the SaR New owing to construction-related activities and polydion caused by sensega	-6	-4	-4	-4	-8	ε -5	-2	4	-3	-2	-2	-4	Minimise costruction activiti in the northern parts of the proposed site as much as possible. Provide environmental training that includes strict usage of on-si toilets and waste bins. Collec- sewage and waste regularly and lawfully dispose of these off-site.
Significant High X/10-11 Increasing Significance Medium X-10-7 Insignificant Low 2-to-4 Very Low 1to-2- SIGN/FICANCE RATING Final rating score / Value range	2	Waste	Pollution through littering and from insufficient number of tollets and or inappropriate disposal of sew	-10	-4	-4	-4	-4	-6	-3	4	-3	-2	-2	-3	Provide a sufficient number- toilets for workers as far south as is reasonable. The sewage must be removed regularly before the toilets a full and disposal thereof mustlawfully take place off- site.
Significant High 11 to 16 increasing Significant High 11 to 16 increasing Significant Low 1 to 41	3		Topographic impact caused by neglected spoil heaps	-10	-4	-4	-6	-8	-7	3	-3	-3	-3	-3	-3	Provide environmental awareness training before construction work is commenced with and hold tl supervisor responsible for adherence.
	4	Terrestrial	Potential harm to protected and endangered species	-7	-7	-4	-5	-7	5	-3	-1	-2	-2	-2	-2	Confine construction work to the area between the low- water and high-water mark of the sea and to bare patches located seaward of the coast dunes Keep construction footprint
	5	biodiversity	Conservation priority: Potential impact on coastal dunes, CBAs, ESAs or Centres of Endemism.	-8	-7	-4	-3	-5	-4	-2	-3	-1	-1	-1	-1	bare patches and seaward of
	6	+	Connectivity: Potential loss of ecological migration corridors. Encroachment of alien invasive vegetation in disturbed areas	0	0	0	0	0	0	0	0	0	0	0	0	
	7	4	during construction activities	-5	5	4	0	0	1	0	0	0	0	0	Ö	No fires must be allowed on
	8	Impact on Cultural, Archaeological Palaeontological,	Veld fire ruis: Potential risk of weld fires as a result of construction workers trying to warm themselves using fire. Artefracts, fossils and parts of shipwrecks may be discovered andior damaged during the construction phase.	-10	-1	-4	-5	-5	-5	-2	-2	-1	-1	-3	-2	No fires must be allowed on the site materials prior to making any excavation. If heritage significant material is encountered, stop
		Marine ecology	Impact on nearshore marine biodiversity	-9	-6	-4	-9	-7	7	-9	-6	-1	-1	-3	-4	construction and request Heritage Western Cape to provide guidance Implement specialst recommendations
	11	Socio-economic	Creation of a few short-term employment opportunities during the construction phase.	8	3	4	4	4	4						#DIV/0!	No mitigation required
	12	Dust	Dust may be generated during the construction phase	-8	-3	-3	-2	-2	-4	-1	-1	-1	-1	-1	-4	Implement dust suppresion
	13	Noise	Noise will be generated during the construction phase.	0	0	0	0	0		0	0	0	0	0	0	measures No mitigation required in
	13	NOSE	Cumulative impacts: Cumulative impact of proposed construction activities	-7	-2	-3	-1	-1	-3	-1	-1	-1	-1	-1	-1	remote coastal area Implement all the mitigation measures suggested above and below for the small
	15		Potential impacts of adopting 'no-go' alternative	0	0	0	0	0	0	0	0	0	0	0	0	construction footprint.
	10	1		1		1	OPE	RATIONAL PHASE				0				Minimise activities in the
	16	Surface water	Disturbance to wetlands associated with mouth of the Salt River owing to prospecting with bulk sampling operational phase activities and pollution caused by sewage	-6	-4	-4	-9	-9	-5	-2	-4	-3	-2	-2	-4	northern parts of the proposed site as much as
	17		Pollution through littering and from insufficient number of toilets and or inappropriate disposal of sewage .	-10	-4	-4	-4	-4	-6	-3	4	-3	-2	-2	3	Provide a sufficient number toilets for workers as far sou as is reasonable. The sewage must be removed regularly
		Waste														before the toilets are full and disposal thereof mustlawfull
	18	Waste	learing and general waste	-10	-4	-4	-5	-3	-6	-4	-3	-3	-3	-2	-3	before the toilets are full and disposal thereof mustlawfull take place off-site. awareness training before construction work is commenced with and hold the construction supervisor
	18	Waste	terring and general wate	-10 -7	-4	-4 -4	-5	-3 -7	-6	4.	-3	-3 -2	-3 -2	-2 -2	-3 -2	before the toilets are full and disposal thereof mustlawfull take place off-site. awareness training before construction work is commenced with and hold th construction supervisor responsible for adherence. Confine construction to the area between the low-water and high-water mark of the
	19	Waste	Protected & endangered plant species: Potential impact on threatened or protected Conservation priority: Potential impact on coastal dures, CBAs, ESAs or Crentres of Indemirian.	-7	-7	-4	-5	-7		-3	-1	-2 -1	-2	-2 -1		before the toilets are full and disposal thereof mustawfull take place off-site. awareness training before construction work is commenced with and hold th construction supervisor responsible for adherence. Confine construction to the
	19 20 21		Protected & endangered plant species: Potential impact on threatened or protected Conservation priority: Potential impact on coastal dunes, CBAe, ESAs or Centres of Informism. Connectivity: Potential loss of ecological migration corridors.	-7 -8 0	-7 -7 0	-4 -4 0	-5 -3 0	-7 -5 0	5	-3 -2 0	-1 -3 0	-2 -1 0	-2 -1 0	-2 -1 0	-2	before the toilets are full and disposal thereof mustlawfull take place off-site. awareness training before construction work is commenced with and hold ti construction supervisor responsible for adherence. Confine construction to the area between the low-water and high-water mark of the Keep construction footprim
	19		Protected & endangered plant species: Potential impact on threatmend or protected Conservation priority: Potential impact on coastal dures, CBAs, EBAs or Cemers of Endamon. Connectivity: Potential loss of ecological migration controlors. Encreachment of allow havelets without the formation of the tech area the procession of the stress of the tech and the stress of the tech and the stress of the tech and the stress of tech and te	-7	-7	-4	-5	-7	5	-3	-1	-2 -1	-2	-2 -1	-2	before the toilets are full and disposal thereof mustlawfull take place off-site. awareness training before construction work is commenced with and hold ti construction supervisor responsible for adherence. Confine construction to the area between the low-water and high-water mark of the Keep construction footprim
	19 20 21	Terrestrial biodiversity	Protected & endangered plant species: Potential impact on threatened or protected Conservation priority: Potential impact on coastal dunes, CBAe, ESAs or Centres of Informism. Connectivity: Potential loss of ecological migration corridors.	-7 -8 0	-7 -7 0	-4 -4 0	-5 -3 0	-7 -5 0	5	-3 -2 0	-1 -3 0	-2 -1 0	-2 -1 0	-2 -1 0	-2 -1 0	before the toilets are full an unstabulut take place off-site. awareness training before construction work is commenced with and hold it construction supervisor responsible for adhere took responsible for adhere took eras between the bow waite and high-water mark of the Keep construction footprint within the total maximum nu inter smissi ce anivecution the site.
	19 20 21 22 23 24	Terrestrial biodiversity Impact on Cultural Archaeological Palaeonological,	Protocold & endogrand jury species: Potential impact on the endoted in the endoted impact on costnat dures. CBAs, Biola or correst of the endotemics. Connection, Praterial loss of endoted impacts contribution. Connection, Praterial loss of endoted impacts and endoted and the endoted biological impacts and endoted and the endoted biological and and the endoted and the endoted biological of users are and an another than actions to endote an endoted and the endoted biological of users are an endoted and the distance of the and and the discovered and of damaged during the construction phase.	-7 -8 0 -5 -10 -3	-7 -7 -7 5 -1 -1	-4 -4 0 4 -4 -3	-5 -3 0 -5 -3	-7 -5 0 -5 -3	-4 -4 0 1 -5 -3	-3 -2 0	-1 -3 0	-2 -1 0	-2 -1 0	-2 -1 0	-2 -1 0 -2 -2 -1	before the toolks are full an adopted the toolks are full an adopted the order mutual-will take place of size. and an advancess training before construction work is commercical with and hold the construction supervisor many straining and the straining of the size and high-water marks of the size. These construction for portal materials prior to maining an execution. The fragments is a supervisor in the size and the si
	19 20 21 22 23 24 25	Terrestrial biodiversity Impact on Coltural Archaeological Palaeontological and Heritaeontological	Protected & protected Protected & protected Conservation priority: Potential impact on coastal during, CBAs, ESIA to Charters of Endemine. Concercity: Potential impact on coastal during, CBAs, Concercity: Potential to set devolgical migration controlm. Encountered of allem havable vegetation in disturbed areas Concercity: Potential to set devolgical migration controlm. Encountered of the impact of allem havable vegetation in disturbed areas constructions unders in Jona to anymeted may be discovered and/or damaged during to anymete anymeter of the anymeters Disturbance and polition to reaching environment	-7 -8 0 -5 -10 -3 8	-7 -7 0 5 -1 -1 3	-4 -4 0 4 -3 4	-5 -5 -3 0 -5 -3 4	-7 -5 0 -5 -3 4	-4 0 1 -5	-3 -2 0 -2 -1	-1 -3 0 -2 -1	-2 -1 0 -1 -1	-2 -1 0 -1 -1	-2 -1 0 -3 -1	-2 -1 0 0 -2	before the totels are full an adversess transmission mutual-vull take pixed off-site. avareness straining before construction work is construction source and tagh-mutual mutual construction to the and tagh-mutual mutual mutual tages between the low-water and tagh-mutual mutual mutual tages and tages and and tagh-mutual mutual tages between the low-water and tagh-mutual mutual tages and tages and and tage and tages and and tages and tages and the site mutual tages and tages and the site and tages and tages and tages a
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