

APPENDIX J – IMPACT TABLES

Preferred Alternative: Darling Housing phase 2 on remainder of erf 551 will consists of 290 Residential Zone 2 erven (Single); 72 Residential Zone 2 erven (Walkup); 25 Residential Zone 1 erven (GAP); 1 Community Zone 1 (crèche) erf; 1 Community Zone 2 (church) erf; 1 Community Zone 1 (School) erf; 2 Open Space Zone 1 erven; 2 Authority Zone erf; Transport Zone 2 erf with a Total Development area of approximately 12.1905ha.

GEOGRAPHICAL AND PHYSICAL

SOIL EROSION AND DUST

Preferred Alternative:	Geographical and Physical Impacts
PLANNING, DESIGN AND DEVELOPMENT PHASE	
Potential impact and risk:	Soil erosion and dust
Nature of impact:	Soil erosion can occur due to wind (wind erosion cause dust pollution); and due to overland storm water flow should rains fall during construction. Due to the sloping nature of the terrain, it is unlikely that a shallow perched water table will develop on site.
Extent and duration of impact:	Extent 1 & Duration 5 (permanent)
Consequence of impact or risk:	Clearing and excavation activities can result in erosion and dust.
Magnitude	2
Probability of occurrence:	2 (Improbable: some possibility, but low likelihood)
Degree to which the impact may cause irreplaceable loss of resources:	2-Resource may be partly destroyed (PR)
Degree to which the impact can be reversed:	Completely reversible (R)
Indirect impacts:	Disturbance to surface area can result in erosion and dust generation
Cumulative impact prior to mitigation:	Exposing soil may lead to erosion and dust generation if not mitigated.
Significance rating of impact prior to mitigation (e.g. Low, Medium, Medium-High, High, or Very-High)	16 - Low
Degree to which the impact can be avoided:	High
Degree to which the impact can be managed:	High
Degree to which the impact can be mitigated:	1-Completely mitigatable (CM)
Proposed mitigation:	• Access to roads and other areas must be controlled to avoid disturbance of areas outside the development footprint. Personnel should be restricted to the immediate construction areas only. • Monitor construction areas frequently for signs of erosion and if signs of erosion are detected implement repair and preventative measures immediately. • Undertake dust suppression as needed. • Rehabilitate or stabilise eroded areas immediately to prevent increase in erosion.

	Undertake storm water management measures as required.
Residual impacts:	It is not anticipated that the impact will be high if the mitigation measures are adhered to.
Cumulative impact post mitigation:	It is not anticipated that the impact will be high if the mitigation measures are adhered to.
Significance rating of impact after mitigation (e.g. Low, Medium, Medium-High, High, or Very-High)	8 - Low
OPERATIONAL PHASE	
Potential impact and risk:	Not applicable to operational phase.
DECOMMISSIONING AND CLOSURE PHASE	
Potential impact and risk:	Similar to impacts associated with construction phase.

WATER POLLUTION

Preferred Alternative:	Geographical and Physical Impacts
PLANNING, DESIGN AND DEVELOPMENT PHASE	
Potential impact and risk:	Impact of construction activities on surface and underground water pollution.
Nature of impact:	Construction could result in the pollution of surface water and eventually result in ground water pollution. Storm water contamination will result in surface water pollution. Construction activities such as excavation and clearing of vegetation and or diesel and oil spills could impact surface and ground water quality.
Extent and duration of impact:	Extent 3 (Within a 20 km radius of the centre of the site) & Duration 2 (2-5 years)
Consequence of impact or risk:	Possible pollution of surface and ground water.
Magnitude	6
Probability of occurrence:	4 (most likely)
Degree to which the impact may cause irreplaceable loss of resources:	Partly destroyed 2 (PR)
Degree to which the impact can be reversed:	Partly reversible 6-89% (PR)
Indirect impacts:	Pollution of water resources.
Cumulative impact prior to mitigation:	Diesel and oil spills affecting ground and surface water quality.
Significance rating of impact prior to mitigation (e.g. Low, Medium, Medium-High, High, or Very-High)	44 - Medium
Degree to which the impact can be avoided:	High
Degree to which the impact can be managed:	High
Degree to which the impact can be mitigated:	2-Partly mitigatable (PM)
Proposed mitigation:	Mitigation measures included in EMP, attached as Appendix H, shall be adhered to.
Residual impacts:	It is not anticipated that the impact will be high if the mitigation measures are adhered to.

Cumulative impact post mitigation:	Diesel and oil spills affecting ground and surface water quality.
Significance rating of impact after mitigation (e.g. Low, Medium, Medium-High, High, or Very-High)	27 – Low
OPERATIONAL PHASE	
Potential impact and risk:	Impact of operational activities on surface and underground water pollution.
Potential impact and risk:	Impact of operational activities on surface and underground water pollution.
Nature of impact:	Hazardous material spills could result in the pollution of surface water and eventually result in ground water pollution. Storm water contamination will result in surface water pollution.
Extent and duration of impact:	Extent 3 (Within a 20 km radius of the centre of the site) & Duration 2 (2-5 years)
Consequence of impact or risk:	Possible pollution of surface and ground water.
Magnitude	6
Probability of occurrence:	4 (most likely)
Degree to which the impact may cause irreplaceable loss of resources:	Partly destroyed 2 (PR)
Degree to which the impact can be reversed:	Partly reversible 6-89% (PR)
Indirect impacts:	Pollution of water resources.
Cumulative impact prior to mitigation:	Diesel and oil spills affecting ground and surface water quality.
Significance rating of impact prior to mitigation (e.g. Low, Medium, Medium-High, High, or Very-High)	44 - Medium
Degree to which the impact can be avoided:	High
Degree to which the impact can be managed:	High
Degree to which the impact can be mitigated:	2-Partly mitigatable (PM)
Proposed mitigation:	Mitigation measures included in EMP, attached as Appendix H, shall be adhered to.
Residual impacts:	It is not anticipated that the impact will be high if the mitigation measures are adhered to.
Cumulative impact post mitigation:	Diesel and oil spills affecting ground and surface water quality.
Significance rating of impact after mitigation (e.g. Low, Medium, Medium-High, High, or Very-High)	27 – Low
DECOMMISSIONING AND CLOSURE PHASE	
Potential impact and risk:	Similar to impacts associated with construction phase.

DISTURBANCE TO SUBSURFACE GEOLOGICAL LAYERS

Preferred Alternative:	Geographical and Physical Impacts
PLANNING, DESIGN AND DEVELOPMENT PHASE	

Potential impact and risk:	Construction activities can affect the underlying geological layers on site to some extent.
Nature of impact:	Disturbance to subsurface geological layers.
Extent and duration of impact:	Extent 1 & Duration 2 (2-5 years)
Consequence of impact or risk:	Excavation activities can disturb subsurface geological layers.
Magnitude	2
Probability of occurrence:	2 (Improbable: some possibility, but low likelihood)
Degree to which the impact may cause irreplaceable loss of resources:	2-Resource may be partly destroyed (PR)
Degree to which the impact can be reversed:	0% (IR)
Indirect impacts:	Disturbance to surface area can result in erosion and dust generation
Cumulative impact prior to mitigation:	It is not anticipated that the impact will be high as the affected substrata is very shallow and the integrity of the underlying ground structures will thus not be sacrificed.
Significance rating of impact prior to mitigation (e.g. Low, Medium, Medium-High, High, or Very-High)	10 – Low
Degree to which the impact can be avoided:	High
Degree to which the impact can be managed:	High
Degree to which the impact can be mitigated:	2
Proposed mitigation:	Due to the nature of the impacts, not much can be done to mitigate the impact, only the severity of it can be managed. Mitigation and management for affecting geology is to ensure that removal of soil is kept to a minimum – removal of soil should only be in areas where infrastructure will be established.
Residual impacts:	It is not anticipated that the impact will be high if the mitigation measures are adhered to.
Cumulative impact post mitigation:	It is not anticipated that the impact will be high if the mitigation measures are adhered to.
Significance rating of impact after mitigation (e.g. Low, Medium, Medium-High, High, or Very-High)	10 - Low
OPERATIONAL PHASE	
Potential impact and risk:	Not applicable to operational phase.
DECOMMISSIONING AND CLOSURE PHASE	
Potential impact and risk:	Similar to impacts associated with construction phase.

WASTE IMPACTS

Preferred Alternative:	
PLANNING, DESIGN AND DEVELOPMENT PHASE	
Potential impact and risk:	Waste Impacts
Nature of impact:	General construction waste will be generated during the construction phase. Poor waste

	management practices on site may lead to dumping and windblown litter creating a negative visual impact and nuisance for adjacent landowners / users as well as impacting the natural environment.
Extent and duration of impact:	Extent 2 (On site or within 100 m of the site) & Duration 2
Consequence of impact or risk:	Pollution and nuisance.
Magnitude:	4
Probability of occurrence:	3
Degree to which the impact may cause irreplaceable loss of resources:	1-Resource will not be lost (R)
Degree to which the impact can be reversed:	Reversible
Indirect impacts:	Impacts on ecological functioning of river. Impacts on fauna.
Cumulative impact prior to mitigation:	• Dumping; • Windblown litter causing nuisance; • Pollution / degradation of the natural environment.
Significance rating of impact prior to mitigation (e.g. Low, Medium, Medium-High, High, or Very-High)	24 -Low
Degree to which the impact can be avoided:	High
Degree to which the impact can be managed:	High
Degree to which the impact can be mitigated:	1
Proposed mitigation:	All waste generated on site shall be collected and disposed of at a registered landfill facility; All safe disposal certificates and waste manifests from service providers to be kept and maintained; All staff to receive training on correct waste management practices.
Residual impacts:	None
Cumulative impact post mitigation:	None
Significance rating of impact after mitigation (e.g. Low, Medium, Medium-High, High, or Very-High)	18 – Low
OPERATIONAL PHASE	
Potential impact and risk:	Waste Impacts
Nature of impact:	Improved waste collection and service provision.
Extent and duration of impact:	Extent 2 (On site or within 100 m of the site) & Duration 2
Consequence of impact or risk:	Pollution and nuisance.
Probability of occurrence:	4
Degree to which the impact may cause irreplaceable loss of resources:	3
Degree to which the impact can be reversed:	1-Resource will not be lost (R)
Indirect impacts:	Reversible
Cumulative impact prior to mitigation:	Impacts on ecology.

Significance rating of impact prior to mitigation (e.g. Low, Medium, Medium-High, High, or Very-High)	• Dumping; • Windblown litter causing nuisance; • Pollution / degradation of the natural environment.
Degree to which the impact can be avoided:	24 -Low
Degree to which the impact can be managed:	High
Degree to which the impact can be mitigated:	High
Proposed mitigation:	All waste generated on site shall be collected and disposed of at a registered landfill facility; All safe disposal certificates and waste manifests from service providers to be kept and maintained; All staff to receive training on correct waste management practices.
Residual impacts:	None
Cumulative impact post mitigation:	None
Significance rating of impact after mitigation (e.g. Low, Medium, Medium-High, High, or Very-High)	18 – Low
DECOMMISSIONING AND CLOSURE PHASE	
Potential impact and risk:	Similar to impacts associated with construction phase.

NOISE

Preferred alternative	Socio-Economic Impacts
PLANNING, DESIGN AND DEVELOPMENT PHASE	
Potential impact and risk:	Impact of noise on surrounding environment, especially the surrounding residential area.
Nature of impact:	Environmental noise pollution. Nuisance impacts could relate to the increase noise and disturbance associated with the proposed development, e.g. noise, traffic etc. Construction activities and construction personnel on the sites, and construction vehicles moving to and from the sites would cause an increase in noise in the area, which may impact negatively upon the adjoining landowners.
Extent and duration of impact:	Extent 2 (On site or within 100 m of the site) & Duration 1 (0 – 1 years)
Magnitude	2
Consequence of impact or risk:	Nuisance
Probability of occurrence:	3 (distinct possibly)
Degree to which the impact may cause irreplaceable loss of resources:	1-Resource will not be lost (R)
Degree to which the impact can be reversed:	Completely reversible (R) - This will not be a long-term impact nor will it have an impact on the natural processes. It is thus 100% reversible.
Indirect impacts:	Nuisance
Cumulative impact prior to mitigation:	Nuisance

Significance rating of impact prior to mitigation (e.g. Low, Medium, Medium-High, High, or Very-High)	15 – Low
Degree to which the impact can be avoided:	High
Degree to which the impact can be managed:	High
Degree to which the impact can be mitigated:	1- Completely mitigatable (CM)
Proposed mitigation:	- Working hours will be restricted to normal working hours. - All noise and sounds generated by plant or machinery must adhere to SABS 0103 specifications for the maximum permissible noise levels. - All plant and machinery are to be fitted with adequate silencers. - No sound amplification equipment such as sirens, loud hailers or hooters may be used on site, after normal working hours, except in emergencies. - If work is to be undertaken outside of normal work hours, permission must be obtained from the Local Authority
Residual impacts:	Nuisance
Cumulative impact post mitigation:	Nuisance
Significance rating of impact after mitigation (e.g. Low, Medium, Medium-High, High, or Very-High)	15 - Low
OPERATIONAL PHASE	
Potential impact and risk:	Not applicable to operational phase.
DECOMMISSIONING AND CLOSURE PHASE	
Potential impact and risk:	Similar to impacts associated with construction phase.

SOCIO-ECONOMIC, HEALTH AND NUISANCE IMPACT

Preferred Alternative:	Socio-Economic Impacts
PLANNING, DESIGN AND DEVELOPMENT PHASE	
Potential impact and risk:	The surrounding land users/ owners will be exposed to the presence of the construction machinery.
Nature of impact:	Nuisance and air quality impacts as a result of dust and exhaust fumes
Extent and duration of impact:	Extent 3 & Duration 2 (2-5 years)
Consequence of impact or risk:	The surrounding land users/ owners will be exposed to nuisance and air quality impacts as a result of dust and exhaust fumes
Magnitude	2
Probability of occurrence:	4 (most likely)
Degree to which the impact may cause irreplaceable loss of resources:	2 (PR)

Degree to which the impact can be reversed:	2 (PM)
Indirect impacts:	
Cumulative impact prior to mitigation:	Nuisance and air quality impacts as a result of dust and exhaust fumes
Significance rating of impact prior to mitigation (e.g. Low, Medium, Medium-High, High, or Very-High)	28 - Low
Degree to which the impact can be avoided:	Low
Degree to which the impact can be managed:	Low
Degree to which the impact can be mitigated:	Low
Proposed mitigation:	• Proposed construction activities must be limited to development footprint site. • Dust must be managed and control on site. • All construction vehicles must be serviced to prevent access exhaust emissions and noise.
Residual impacts:	Health impacts
Cumulative impact post mitigation:	The surrounding environment will not be affected by construction activities
Significance rating of impact after mitigation (e.g. Low, Medium, Medium-High, High, or Very-High)	24 – Low
OPERATIONAL PHASE	
Potential impact and risk:	Development will provide much needed housing opportunities
Nature of impact:	Health impacts as a result of the housing and better living conditions.
Extent and duration of impact:	Permanent
Consequence of impact or risk:	Health impacts as a result of the housing and better living conditions.
Magnitude	2
Probability of occurrence:	4 (most likely)
Degree to which the impact may cause irreplaceable loss of resources:	2 (PR)
Degree to which the impact can be reversed:	2 (PM)
Indirect impacts:	
Cumulative impact prior to mitigation:	None
Significance rating of impact prior to mitigation (e.g. Low, Medium, Medium-High, High, or Very-High)	Positive
Degree to which the impact can be avoided:	
Degree to which the impact can be managed:	
Degree to which the impact can be mitigated:	
Proposed mitigation:	None

Residual impacts:	None
Cumulative impact post mitigation:	None
Significance rating of impact after mitigation (e.g. Low, Medium, Medium-High, High, or Very-High)	Positive impacts
DECOMMISSIONING AND CLOSURE PHASE	
Potential impact and risk:	Similar to construction phase.

VISUAL IMPACT

Preferred Alternative:	Socio-Economic Impacts
PLANNING, DESIGN AND DEVELOPMENT PHASE	
Potential impact and risk:	The surrounding land users/ owners will be exposed to the presence of the construction machinery
Nature of impact:	Visual impacts
Extent and duration of impact:	Extent 3 & Duration 2 (2-5 years)
Consequence of impact or risk:	The surrounding land users/ owners will be exposed to construction vehicles and development equipment.
Magnitude	2
Probability of occurrence:	4 (most likely)
Degree to which the impact may cause irreplaceable loss of resources:	2 (PR)
Degree to which the impact can be reversed:	2 (PM)
Indirect impacts:	
Cumulative impact prior to mitigation:	The surrounding land users/ owners will be exposed to construction vehicles and development equipment.
Significance rating of impact prior to mitigation (e.g. Low, Medium, Medium-High, High, or Very-High)	28 - Low
Degree to which the impact can be avoided:	Low
Degree to which the impact can be managed:	Low
Degree to which the impact can be mitigated:	Low
Proposed mitigation:	Proposed construction activities must be limited to development footprint site.
Residual impacts:	Visual impacts
Cumulative impact post mitigation:	The surrounding environment will not be affected by construction activities
Significance rating of impact after mitigation (e.g. Low, Medium, Medium-High, High, or Very-High)	24 – Low
OPERATIONAL PHASE	
Potential impact and risk:	Visual impacts

Nature of impact:	Change in landscape from open areas to urban development.
Extent and duration of impact:	Permanent
Consequence of impact or risk:	Change in landscape from open areas to urban development.
Magnitude	2
Probability of occurrence:	4 (most likely)
Degree to which the impact may cause irreplaceable loss of resources:	2 (PR)
Degree to which the impact can be reversed:	2 (PM)
Indirect impacts:	
Cumulative impact prior to mitigation:	None
Significance rating of impact prior to mitigation (e.g. Low, Medium, Medium-High, High, or Very-High)	Low
Degree to which the impact can be avoided:	None
Degree to which the impact can be managed:	None
Degree to which the impact can be mitigated:	None
Proposed mitigation:	None
Residual impacts:	None
Cumulative impact post mitigation:	None
Significance rating of impact after mitigation (e.g. Low, Medium, Medium-High, High, or Very-High)	Low
DECOMMISSIONING AND CLOSURE PHASE	
Potential impact and risk:	Similar to construction phase.

TRAFFIC IMPACT

Preferred Alternative:	Socio-Economic Impacts
PLANNING, DESIGN AND DEVELOPMENT PHASE	
Potential impact and risk:	Traffic Impacts
Nature of impact:	The surrounding land users/ owners will be exposed to construction and delivery vehicle traffic
Extent and duration of impact:	Extent 3 & Duration 2 (2-5 years)
Consequence of impact or risk:	The surrounding land users/ owners will be exposed to construction and delivery vehicle traffic
Magnitude	2
Probability of occurrence:	4 (most likely)
Degree to which the impact may cause irreplaceable loss of resources:	2 (PR)
Degree to which the impact can be reversed:	2 (PM)
Indirect impacts:	

Cumulative impact prior to mitigation:	The surrounding land users/ owners will be exposed to construction and delivery vehicle traffic
Significance rating of impact prior to mitigation (e.g. Low, Medium, Medium-High, High, or Very-High)	28 - Low
Degree to which the impact can be avoided:	Low
Degree to which the impact can be managed:	Low
Degree to which the impact can be mitigated:	Low
Proposed mitigation:	• Proposed construction activities must be limited to development footprint site. • Existing roads must be used. • All roads must be swept and kept clean of mud that may be disposed on tarmac as a result of construction vehicles entering and leaving the site
Residual impacts:	Traffic Impacts
Cumulative impact post mitigation:	The surrounding land users/ owners will be exposed to construction and delivery vehicle traffic
Significance rating of impact after mitigation (e.g. Low, Medium, Medium-High, High, or Very-High)	24 – Low
OPERATIONAL PHASE	
Potential impact and risk:	Traffic Impacts
Nature of impact:	The surrounding land users/ owners will be exposed to construction and delivery vehicle traffic
Extent and duration of impact:	Permanent
Consequence of impact or risk:	The surrounding land users/ owners will be exposed to construction and delivery vehicle traffic
Magnitude	2
Probability of occurrence:	4 (most likely)
Degree to which the impact may cause irreplaceable loss of resources:	2 (PR)
Degree to which the impact can be reversed:	2 (PM)
Indirect impacts:	
Cumulative impact prior to mitigation:	None
Significance rating of impact prior to mitigation (e.g. Low, Medium, Medium-High, High, or Very-High)	Low
Degree to which the impact can be avoided:	Cannot be avoided.
Degree to which the impact can be managed:	High

Degree to which the impact can be mitigated:	High
Proposed mitigation:	Existing roads and accesses is sufficient to accommodated the development traffic.
Residual impacts:	None
Cumulative impact post mitigation:	None
Significance rating of impact after mitigation (e.g. Low, Medium, Medium-High, High, or Very-High)	Low
DECOMMISSIONING AND CLOSURE PHASE	
Potential impact and risk:	Similar to construction phase.

TERRESTRIAL BIODIVERSITY IMPACTS

Development Construction	TERRESTRIAL BIODIVERSITY IMPACTS
PLANNING, DESIGN AND DEVELOPMENT PHASE	
Potential impact and risk:	Terrestrial Biodiversity Impacts
Nature of impact:	Discussion: The vegetation type is classified as endangered. The terrestrial CBA on site was incorreccted mapped as the site is transformed and does not represent Swartland Granite Renosterveld vegetation types and structures. No protected area or priority areas for protected area expansion are inside the study area. No indigenous forests are inside or close to the study area.
Extent and duration of impact:	Extent 1 (footprint) & Duration 1
Magnitude:	2
Consequence of impact or risk:	Loss or impacts on indigenous vegetation
Probability of occurrence:	Low
Degree to which the impact may cause irreplaceable loss of resources:	2 (PR)
Degree to which the impact can be reversed:	PR
Indirect impacts:	Disturbance to surface area can result in impacts on indigenous vegetation
Cumulative impact prior to mitigation:	Habitat fragmentation, loss of ecological connectivity and erosion
Significance rating of impact prior to mitigation (e.g. Low, Medium, Medium-High, High, or Very-High)	Low
Degree to which the impact can be avoided:	High
Degree to which the impact can be managed:	High
Degree to which the impact can be mitigated:	1 (CM)
Proposed mitigation:	Demarcate no-go areas before any land clearing occurs under the supervision of an ECO. Demarcation must be clearly visible and effective and no-go area

	must remain demarcated throughout construction phase. The no-go area is the wetland area mapped. Site clearance along the border of the no-go areas must be done under the supervision of an ECO.
Residual impacts:	It is not anticipated that the impact will be high if the mitigation measures are adhered to.
Cumulative impact post mitigation:	It is not anticipated that the impact will be high if the mitigation measures are adhered to.
Significance rating of impact after mitigation (e.g. Low, Medium, Medium-High, High, or Very-High)	Low
OPERATIONAL PHASE	
Potential impact and risk:	Impact on terrestrial biodiversity
Nature of impact:	None. Area will be developed
Extent and duration of impact:	None. Area will be developed
Magnitude:	None. Area will be developed
Consequence of impact or risk:	None. Area will be developed
Probability of occurrence:	None. Area will be developed
Degree to which the impact may cause irreplaceable loss of resources:	None. Area will be developed
Degree to which the impact can be reversed:	None. Area will be developed
Indirect impacts:	None. Area will be developed
Cumulative impact prior to mitigation:	None. Area will be developed
Significance rating of impact prior to mitigation (e.g. Low, Medium, Medium-High, High, or Very-High)	None. Area will be developed
Degree to which the impact can be avoided:	None. Area will be developed
Degree to which the impact can be managed:	None. Area will be developed
Degree to which the impact can be mitigated:	None. Area will be developed
Proposed mitigation:	None. Area will be developed
Residual impacts:	None. Area will be developed
Cumulative impact post mitigation:	None. Area will be developed
Significance rating of impact after mitigation (e.g. Low, Medium, Medium-High, High, or Very-High)	None. Area will be developed
DECOMMISSIONING AND CLOSURE PHASE	
Potential impact and risk:	Impact on indigenous vegetation
Nature of impact:	Similar to that in the development phase.

IMPACT TABLES-NO-GO

GEOGRAPHICAL AND PHYSICAL SOIL EROSION AND DUST

Preferred alternative	Geographical and Physical Impacts
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PLANNING, DESIGN AND DEVELOPMENT PHASE	
Potential impact and risk:	Not applicable
OPERATIONAL PHASE	
Potential impact and risk:	Soil erosion
Nature of impact:	Storm water channels prone to erosion.
Extent and duration of impact:	Extent 2 & Duration 3 (5 – 15 years)
Consequence of impact or risk:	Possible pollution of surface and ground water.
Magnitude	4 (will cause a slight impact on processes)
Probability of occurrence:	4 (most likely)
Degree to which the impact may cause irreplaceable loss of resources:	2-Resource may be partly destroyed (PR)
Degree to which the impact can be reversed:	Partly reversible (PR)
Indirect impacts:	Pollution of water resources.
Cumulative impact prior to mitigation:	Erosion and impact on surrounding environment.
Significance rating of impact prior to mitigation (e.g. Low, Medium, Medium-High, High, or Very-High)	36-Medium
Degree to which the impact can be avoided:	Low
Degree to which the impact can be managed:	Low
Degree to which the impact can be mitigated:	3
Proposed mitigation:	NA
Residual impacts:	Soil erosion.
Cumulative impact post mitigation:	Soil erosion.
Significance rating of impact after mitigation (e.g. Low, Medium, Medium-High, High, or Very-High)	36 – Medium
DECOMMISSIONING AND CLOSURE PHASE	
Potential impact and risk:	Not applicable