



**forestry, fisheries
& the environment**

Department:
Forestry, Fisheries and the Environment
REPUBLIC OF SOUTH AFRICA

**RISK MANAGEMENT PLAN IN TERMS OF REGULATION 10 OF THE
WASTE EXCLUSION REGULATIONS**

	(For official use only)
File Reference Number:	12/9/11
NEAS Reference Number:	
Date Received:	

Risk Assessment for an application for exclusion of waste stream or portion of waste stream in terms of the National Environmental Management: Waste Act, 2008(Act No.59 of 2008), as amended.

Kindly note that:

1. This form is current as of 01 April 2021. It is the responsibility of the applicant to ascertain whether subsequent versions of the form have been published or produced by the competent authority.
2. The information must be typed within the spaces provided in the form. The sizes of the spaces provided are not necessarily indicative of the amount of information to be provided. Spaces are provided in tabular format and will extend automatically when each space is filled with typing.
3. Incomplete forms (including information as required in the application form may be returned to the applicant for revision and the inclusion of additional information.
4. Unless protected by law, all information filled in on this application will become public information on receipt by the competent authority. Any interested and affected party should be provided with the information contained in this application on request, during any stage of the application process.

BACKGROUND INFORMATION	
APPLICANT	Glencore Operations South Africa (Pty) Ltd
CONTACT PERSON	Oos van der Merwe
NAME	Oos van der Merwe
ADDRESS	Goedgevonden Complex, Farm Goedgevonden 10IS, eMalahleni, 1038, South Africa
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WASTE FACILITY OR FACILITIES						
SOURCE (S) OF WASTE	Overburden from coal mining activities					
WASTE TO BE BENEFICIATED	No beneficiation of overburden will take place – to be backfilled as is.					
GPS CO-ORDINATES AT CORNERS OF WASTE GENERATING FACILITY OR FACILITIES	LATITUDE			LONGITUDE		
	26°	3'	20.09"	29°	3'	33.95"
	26°	3'	11.42"	29°	3'	29.07"
	26°	3'	21.47"	29°	3'	22.39"
	26°	3'	23.65"	29°	3'	30.35"
	26°	3'	23.65"	29°	3'	39.14"
	26°	3'	50.99"	29°	1'	48.00"
	26°	3'	50.86"	29°	1'	36.57"
	26°	3'	57.35"	29°	1'	38.44"
	26°	3'	52.50"	29°	1'	49.52"
	26°	3'	46.21"	29°	1'	58.74"
	26°	7'	8.26"	29°	2'	20.50"
	26°	7'	9.09"	29°	2'	2.63"
	26°	7'	2.28"	29°	2'	37.02"
	26°	7'	12.23"	29°	2'	6.31"
	26°	7'	5.87"	29°	2'	38.43"
	26°	6'	45.86"	29°	3'	57.01"
	26°	6'	44.27"	29°	3'	38.92"
	26°	6'	38.15"	29°	4'	13.60"
	26°	6'	50.21"	29°	3'	38.52"
26°	6'	45.98"	29°	4'	14.54"	
BENEFICIAL USE/S	Open pit backfilling					

WASTE GENERATING PROCESS		
MSDS ATTACHED IF HAZARDOUS	YES ✓	NO
WASTE GENERATING FACILITY	HAZARDOUS ✓	GENERAL

RISK MANAGEMENT PLAN

Activity	Risk Description	Action(s) to minimise/manage the risk	Responsibility (Who is responsible to carry out the action(s))
1. Loading of material onto trucks (on the mine)	Uncontrolled dispersion of dust	<p>Preventative mitigation measure</p> <ul style="list-style-type: none"> • Dust management during loading of material through wetting (depending on particle size analysis). • Dependant on particle size, stop loading during extreme wind conditions. <p>Corrective mitigation measure</p> <ul style="list-style-type: none"> • Wearing of relevant PPE (dust mask and eye protection) during loading where required. 	Goedgevonden
2. Transportation of material (on the mine)	Uncontrolled dispersion of dust	<p>Preventative mitigation measure</p> <ul style="list-style-type: none"> • Dust management during transportation will include ensuring vehicles follow an approved route that will limit the exposure of dust in nearby communities. • Side tippers with tarpaulin devices will be recommended for the transportation of the material locally on the mine, where the community can be exposed but dependant on the particle size. <p>Corrective mitigation measure</p> <ul style="list-style-type: none"> • None 	Goedgevonden
3. Off-loading of material (on and off the mine)	Uncontrolled dispersion of dust	<p>Preventative mitigation measure</p> <ul style="list-style-type: none"> • Dust management during off-loading of material through wetting (depending on particle size analysis). • Stop off-loading of material during extreme wind conditions. <p>Corrective mitigation measure</p> <ul style="list-style-type: none"> • Wearing of relevant PPE (dust mask and eye protection) during off-loading where required. 	Goedgevonden
4. Storage of material (on the mine)	Uncontrolled dispersion of dust	<p>Preventative mitigation measure</p>	Goedgevonden

	Seepage into water resource/s	<ul style="list-style-type: none"> • Confirmatory monitoring of AMD potential from overburden disposed. • Incorporate the geochemistry results into a geochemical model to evaluate long-term geochemical behaviour. • Allow for effective clean and affected water separation. • Material will be placed by means of soft placement and not tipped from a height. • Where possible, use existing infrastructure to backfill overburden material into the open pits. • All activities and supporting infrastructure / equipment in or adjacent to watercourses shall be minimised where appropriate. • Maintenance of equipment should be undertaken regularly, and adherence to operational procedures. • Ensure water management facilities are operating adequately until such time that these get rehabilitated to prevent silt loading of surrounding areas or water courses. • All activities and supporting infrastructure / equipment in or adjacent to watercourses shall be minimised where appropriate. • Capture seepage from the dump and reticulate to a closed affected water circuit or treat and dispose. • Implement scavenger pumps (if relevant) to contain groundwater pollution if undesirable water quality is detected. • Do not discharge water that does not comply with regulatory release standards. • Vegetate long-term stockpiles. 	
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		<ul style="list-style-type: none">• Seed all long-term stockpiles. Seeding must be completed as soon as practically possible in the wet season. <p>Corrective mitigation measure</p> <ul style="list-style-type: none">• The use of Safety Data Sheet (SDS) with hazard classification which is provided to all users. <p>Clean-up plan to be implemented where material is carried away from storage area.</p>	
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* I, Jacobus Costerwaldt van der Merwe hereby declare that I have read the completed the Risk Assessment form and hereby confirm that the information is to the best of my knowledge true and correct.

Furthermore, I declare that I am fully aware of my responsibilities in terms of the Waste Exclusion Regulations, and that failure to comply with these Regulations may constitute an offence in terms of the National Environmental Management: Waste Act, 2008 (Act 59 of 2008).

Applicant (Full names) Jacobus Costerwaldt van der Merwe

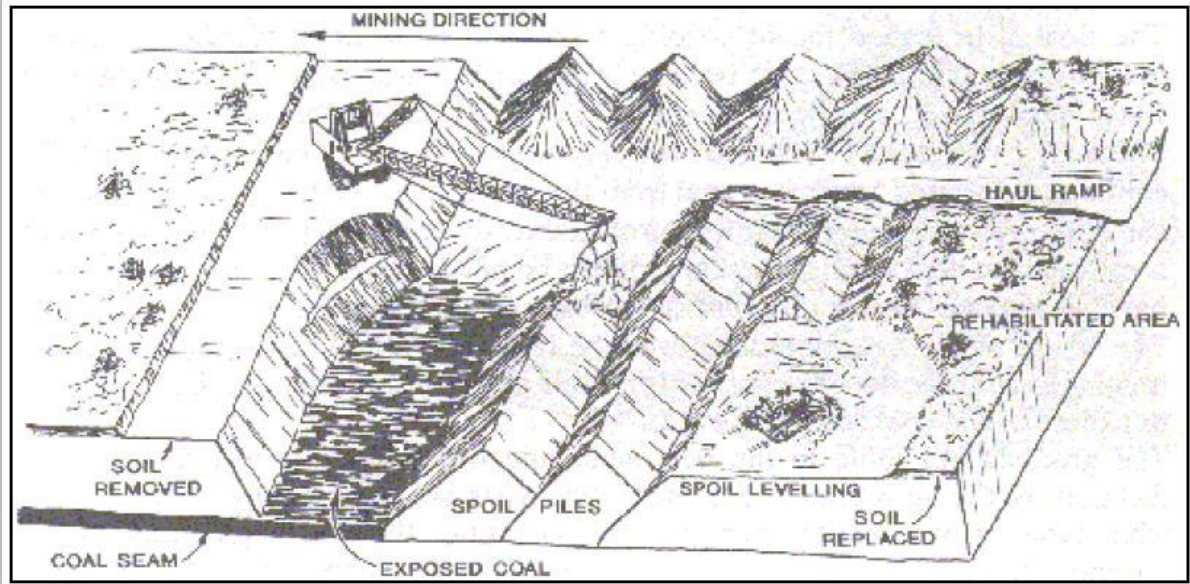
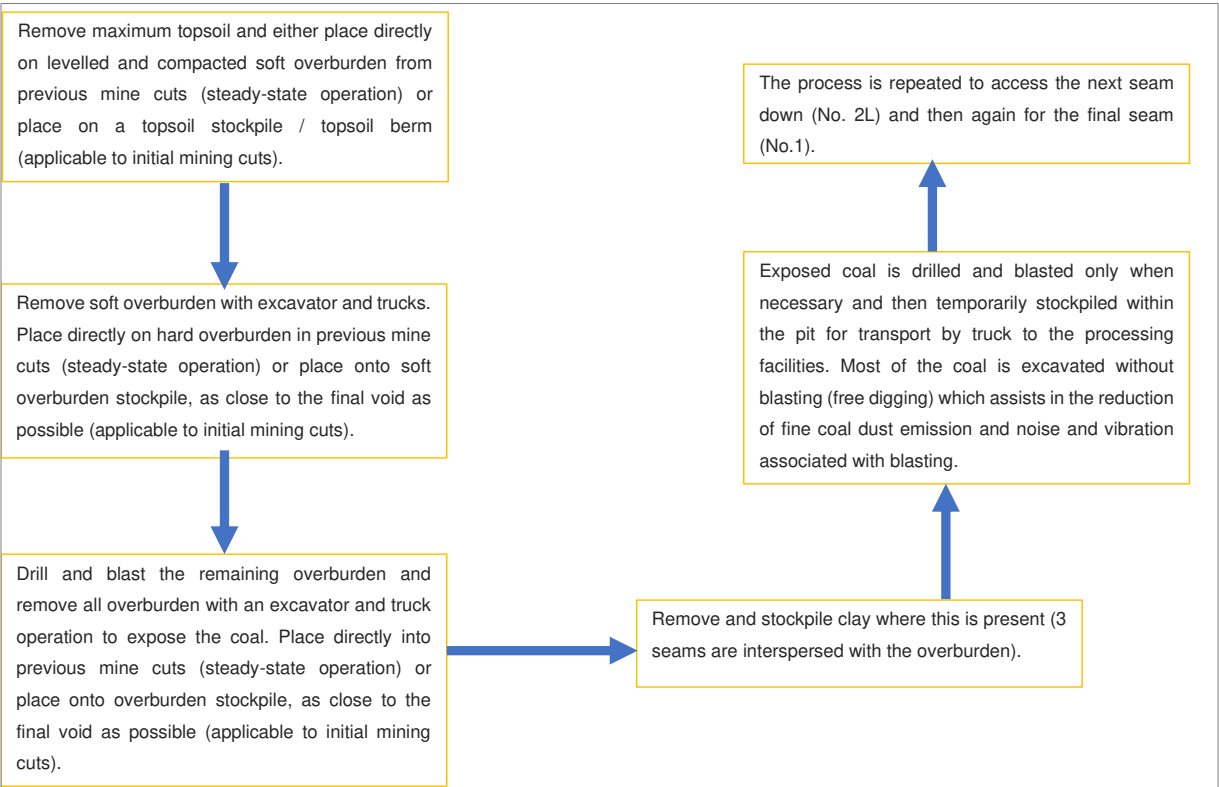
Designation General Manager

* Signature 

Date 15 January 2021 Place Goedgevonden

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Date Received			
Decision Taken	Authorised		Not Authorised (provide reasons)
Reference Number			



Process Flow illustration of the overburden generation and storage

