

ENVIRONMENTAL IMPACT STATEMENT

Taking the assessment of potential impacts into account, herewith please receive an environmental impact statement that summarises the impact that the proposed activity may have on the environment after the management and mitigation of impacts have been taken into account, with specific reference to types of impact, duration of impacts, likelihood of potential impacts actually occurring and the significance of impacts.

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<u>ENVIRONMENTAL IMPACT STATEMENT</u>			
SITE ALTERNATIVE 1			
<u>TYPE OF IMPACT</u>	<u>DURATION</u>	<u>LIKELIHOOD</u>	<u>SIGNIFICANCE</u>
Planning & Surface Sampling phase <ul style="list-style-type: none"> • Air quality and emissions as a result of planning and surface sampling phase, • Visual intrusion as a result of planning and surface sampling phase; • Potential hydrocarbon contamination from leaks or spills leeching into the water table; • Potential impact on fauna within the footprint area; • Dust nuisance as a result of the result of planning and surface sampling phase; • Noise nuisance as a result of the result of planning and surface sampling phase; • Safety and security on properties due to trespassing of contractors / workers; • Work opportunities to 6 local residents (Positive Impact) 	Duration of site establishment phase (<3 month)	Low Possibility Low Possibility Low Possibility Low Possibility Low Possibility Low Possibility Low Possibility Definite	Low Concern Low Concern Low Concern Low Concern Low Concern Low Concern Low Concern Medium-High (+)
<u>Operational phase:</u> <ul style="list-style-type: none"> • Visual intrusion as a result of prospecting activities; • Potential impact associated with littering and hydrocarbon spills; • Disturbance to fauna within the footprint area; • Loss of topsoil and fertility during prospecting activities 	Duration of site establishment phase (<60 months)	Low Possibility Low Possibility Low Possibility Low Possibility	Low Concern Low Concern Low-Medium Concern Low-Medium Concern Low Concern

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<ul style="list-style-type: none"> • Disturbance to the avifauna community; • Loss of habitat within the footprint area; • Noise nuisance as a result of the prospecting activities; • Dust nuisance as a result of the prospecting activities; • Infestation of denuded areas with invader plant species; • Deterioration of the access road to the prospecting area; • Safety and security on properties due to trespassing of contractors / workers; • Changing local fire regime from wildfires from alien species invasion; • Establishment and operations of the drilling may result in erosion on site and within 500m of wetlands and 100m of a river. • Potential impact on areas/infrastructure of heritage or cultural concern. 		<p>Low Possibility Low Possibility Low Possibility</p> <p>Low Possibility</p> <p>Low Possibility</p> <p>Low Possibility</p> <p>Low Possibility</p> <p>Low Possibility</p> <p>Low Possibility</p> <p>Low Possibility</p> <p>Low Possibility</p>	<p>Low-Medium Concern Low-Medium Concern Low-Medium Concern</p> <p>Low Concern</p> <p>Low Concern</p> <p>Low Concern</p> <p>Low Concern</p> <p>Low-Medium Concern</p> <p>Low-Medium Concern</p> <p>Low Concern</p>
<p><u>Sloping and landscaping upon closure of the mining area:</u></p> <ul style="list-style-type: none"> • Safety risk posed by un-sloped areas; • Visual intrusion as a result of the decommissioning activities; • Erosion after rehabilitation; • Infestation of denuded areas with invader plant species • Noise nuisance as a result of the decommissioning activities; • Dust nuisance as a result of the decommissioning activities • Potential impact associated with litter/hydrocarbon spills left at the decommissioning activities; • Disturbance to fauna within the footprint area; 	<p align="center">Duration of decommissioning phase (Progressive rehabilitation)</p>	<p align="center"><u>LIKELIHOOD</u></p> <p>Low Possibility Low Possibility</p> <p>Low Possibility Low Possibility</p> <p>Low Possibility</p> <p>Low Possibility</p> <p>Low Possibility</p> <p>Low Possibility</p>	<p align="center"><u>SIGNIFICANCE</u></p> <p>Low Concern Low Concern</p> <p>Low Concern Low Concern</p> <p>Low Concern</p> <p>Low Concern</p> <p>Low Concern</p> <p>Low Concern</p>

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<ul style="list-style-type: none">• Safety and security on properties due to trespassing of contractors / workers;• Return of the prospecting area to landscape feature upon closure (Positive Impact).		<p>Low Possibility</p> <p>Definite</p>	<p>Low Concern</p> <p>Medium-High (+)</p>
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