

ENVIRONMENTAL IMPACT STATEMENT

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

ENVIRONMENTAL IMPACT STATEMENT			
FINAL PROJECT PROPOSAL			
<u>TYPE OF IMPACT</u>	<u>DURATION</u>	<u>LIKELIHOOD</u>	<u>SIGNIFICANCE</u>
<u>Site Establishment Phase</u> ☞ Temporary loss of agricultural land earmarked for site camp establishment. ☞ Visual intrusion because of site camp. ☞ Work opportunities for 15 – 20 community members (Positive Impact) . ☞ Upgrading of access roads during invasive prospecting (Positive Impact) .	Duration of site establishment phase (±2-3 months)	Definite Possible Definite Definite	Low-Medium Concern Low Concern Medium-High (+) Low-Medium (+)
<u>Operational Phase:</u> ☞ Temporary loss of some agricultural land earmarked for invasive prospecting. ☞ Visual intrusion because of invasive prospecting. ☞ Potential negative impact on the identified CBA areas. ☞ Potential negative impact on the watercourses and FEPA of the study area. ☞ Increase in toxic heavy metal contaminants due to prospecting. ☞ Dust nuisance because of invasive prospecting. ☞ Noise nuisance because of invasive prospecting. ☞ Potential impact on sensitive/protected flora within the footprint area. ☞ Potential impact on fauna within the footprint area. ☞ Infestation of the prospecting areas with invader plant species. ☞ Potential soil contamination associated with littering and/or hydrocarbon spillages.	Duration of operational phase (Phase 4 & 6)	<u>LIKELIHOOD</u> Definite Low Possibility Low Possibility Low Possibility Low Possibility Low Possibility Low Possibility Low Possibility Low Possibility Low Possibility	<u>SIGNIFICANCE</u> Low-Medium Concern Low Concern Low Concern Low Concern Low Concern Low Concern Low-Medium Concern Low Concern Low Concern Low Concern

ENVIRONMENTAL IMPACT STATEMENT

FINAL PROJECT PROPOSAL

<ul style="list-style-type: none"> ☞ Potential impact on areas/infrastructure of heritage or cultural concern. ☞ Erosion of denuded areas. ☞ Deterioration of access roads due to prospecting activities. ☞ Health and safety risk posed by invasive activities to prospecting employees. ☞ Presence of prospector negatively affecting safety and security of the property. ☞ Increased fire risk during operational phase. ☞ Upgrading of access roads during invasive prospecting (Positive Impact). 		<p>Low Possibility</p> <p>Low Possibility Low Possibility</p> <p>Low Possibility</p> <p>Low Possibility</p> <p>Low Possibility</p> <p>Definite</p>	<p>Low Concern</p> <p>Low Concern Low Concern</p> <p>Low Concern</p> <p>Low Concern</p> <p>Low Concern</p> <p>Low-Medium (+)</p>
<p><u>Decommissioning Phase:</u></p> <ul style="list-style-type: none"> ☞ Safety risk due to uncapped boreholes. ☞ Potential impact associated with litter/hydrocarbon spillages left at the prospected areas. ☞ Erosion of roads, vehicle tracks and/or denuded areas. ☞ Infestation of the reinstated areas with invader plant species. ☞ Return of the site camp and prospected areas to agricultural use (Positive Impact). 	<p>Duration of decommissioning phase (±2 months)</p>	<p><u>LIKELIHOOD</u></p> <p>Low Possibility Low Possibility</p> <p>Low Possibility</p> <p>Low Possibility</p> <p>Definite</p>	<p><u>SIGNIFICANCE</u></p> <p>Low Concern Low Concern</p> <p>Low Concern</p> <p>Low Concern</p> <p>Medium-High (+)</p>
<p><u>Cumulative Impacts:</u></p> <ul style="list-style-type: none"> ☞ Reduced ability to meet national conservation obligations and targets as a result of the proposed prospecting. ☞ Loss and fragmentation of vegetation communities within the CBA ecosystems. ☞ Fragmentation of ecosystems affecting safe movement of faunal species. ☞ Compensation of landowners during operational phase. (Positive Impact) 	<p>Duration of operational phase (Phase 4 & 6)</p>	<p><u>LIKELIHOOD</u></p> <p>Low Possibility</p> <p>Low Possibility</p> <p>Low Possibility</p> <p>Definite</p>	<p><u>SIGNIFICANCE</u></p> <p>Low Concern</p> <p>Low Concern</p> <p>Low Concern</p> <p>Medium-High (+)</p>