

ENVIRONMENTAL IMPACT STATEMENT			
EXPANSION ACTIVITIES – SITE ESTABLISHMENT PHASE			
<u>TYPE OF IMPACT</u>	<u>DURATION</u>	<u>LIKELIHOOD</u>	<u>SIGNIFICANCE</u>
<u>Stripping and Stockpiling of Topsoil and/or Overburden:</u>	Site establishment and Operational phase (±19 years)		
♦ Loss of grazing land		Definite	Low-Medium
♦ Visual intrusion		Definite	High
♦ Dust generation		Possible	Low
♦ Noise disturbance		Possible	Low
♦ Soil and water contamination		Low Possibility	Low
♦ Localised loss of CBA2 areas on the plains		Definite	Low
♦ Localised loss of CBA2 areas on the ridge		Definite	Low
♦ Disturbance of fauna		Possible	Low
♦ Alien invasive plant infestation		Low Possibility	Low
♦ Increased runoff and erosion		Low Possibility	Low
♦ Disturbance of heritage and palaeontological resources		Low Possibility	Low
♦ Alteration of surface drainage		Definite	Low

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OPERATIONAL AND EXPANSION ACTIVITIES – OPERATIONAL PHASE

<u>TYPE OF IMPACT</u>	<u>DURATION</u>	<u>LIKELIHOOD</u>	<u>SIGNIFICANCE</u>
<u>Drilling and Blasting:</u> ♦ Topographical alteration ♦ Blasting safety risk ♦ Dust generation ♦ Noise disturbance ♦ Ground vibration ♦ Flyrock ♦ Potential impact of blasting on the N6 National Road and road users	Operational phase (±19 years)	Definite Low Possibility Possible Definite Low Possibility Low Possibility Low Possibility	Medium-High Low Medium Low-Medium Low Low Low
<u>Excavation, Processing, Loading and Hauling of Aggregate:</u> ♦ Dust generation ♦ Noise disturbance ♦ Unsafe working conditions ♦ Soil contamination ♦ Alien invasive plant infestation ♦ Runoff and erosion ♦ Overloading of haul trucks ♦ Continued employment opportunities (+) ♦ Continued supply of aggregate (+) ♦ Continued community investment (+)		Possible Possible Low Possibility Low Possibility Low Possibility Low Possibility Low Possibility Low Possibility Definite Definite Definite	Low Low Low Low Low Low Low Low High (+) High (+) High (+)
<u>Cumulative Impacts:</u> ♦ Cumulative loss of grazing land ♦ Cumulative ecological disturbance ♦ Cumulative topographical alteration		Definite Definite Definite	Medium Low-Medium Medium-High

OPERATIONAL AND EXPANSION ACTIVITIES – DECOMMISSIONING PHASE

<u>TYPE OF IMPACT</u>	<u>DURATION</u>	<u>LIKELIHOOD</u>	<u>SIGNIFICANCE</u>
<u>Sloping and Landscaping During Rehabilitation:</u> ♦ Safety risk from unrehabilitated excavations ♦ Topsoil erosion ♦ Alien invasive plant contamination ♦ Residual soil contamination ♦ Failure of vegetation establishment	Decommissioning Phase (±12 months)	Low Possibility Low Possibility Low Possibility Low Possibility Low Possibility	Low Low Low Low Low

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♦ Visual scarring following rehabilitation		Definite	Low-Medium
♦ Failure of stormwater controls		Low Possibility	Low