

IMPACT DESCRIPTION		Pre-Mitigation							Post Mitigation							Priority Factor Criteria						
Identifier	Impact	Alternative	Phase	Nature	Extent	Duration	Magnitude	Reversibility	Probability	Pre-mitigation ER	Nature	Extent	Duration	Magnitude	Reversibility	Probability	Post-mitigation ER	Confidence	Cumulative Impact	Irreplaceable loss	Priority Factor	Final score
1	Agriculture: Destruction, further loss and fragmentation of the high agricultural land use – TSP, Pit, WRD	Alternative 1	Construction	-1	4	4	4	4	5	-20	-1	3	3	3	3	4	-12	Medium	1	2	1,13	-13,5
2	Agriculture: Destruction, further loss and fragmentation of the high agricultural land use - Linear servitudes and Magazine	Alternative 1	Construction	-1	4	3	4	4	5	-18,75	-1	3	3	3	3	4	-12	Medium	1	2	1,13	-13,5
3	Agriculture: Destruction, further loss and fragmentation of the high agricultural land use – Plants	Alternative 1	Construction	-1	4	4	4	4	5	-20	-1	3	3	3	3	4	-12	Medium	1	2	1,13	-13,5
4	Agriculture: Erosion	Alternative 1	Construction	-1	3	3	3	4	4	-13	-1	2	3	3	3	3	-8,25	Medium	1	2	1,13	-9,28125
5	Agriculture: Erosion	Alternative 1	Operation	-1	3	3	3	4	4	-13	-1	2	3	3	3	3	-8,25	Medium	1	2	1,13	-9,28125
6	Agriculture: Destruction, further loss and fragmentation of the high agricultural land use	Alternative 1	Operation	-1	4	4	4	4	4	-16	-1	3	3	3	3	3	-9	Medium	1	2	1,13	-10,125
7	Agriculture: Continued destruction, further loss and fragmentation of the high agricultural land use	Alternative 1	Decommissioning	-1	3	3	3	4	4	-13	-1	2	3	3	3	3	-8,25	Medium	1	2	1,13	-9,28125
8	Agriculture: Destruction, further loss and fragmentation of the high agricultural land use	Alternative 1	Rehab and closure	-1	3	3	3	3	4	-12	-1	2	3	3	3	3	-8,25	Medium	1	2	1,13	-9,28125
9	Freshwater Ecology: Habitat modification from Pit Extension, TSF Extension and Associated infrastructure	Alternative 1	Construction	-1	2	3	3	3	3	-8,25	-1	1	2	2	2	1	-1,75	Low	1	2	1,13	-1,96875
10	Freshwater Ecology: Habitat modification from Production Plant and Associated infrastructure	Alternative 1	Construction	-1	2	3	3	3	3	-8,25	-1	1	2	2	2	1	-1,75	Low	1	2	1,13	-1,96875
11	Freshwater Ecology: Habitat modification from New Magazine and Associated infrastructure	Alternative 1	Construction	-1	2	3	3	3	3	-8,25	-1	1	2	2	2	1	-1,75	Low	1	2	1,13	-1,96875
12	Freshwater Ecology: Habitat modification from Spanover WRD Expansion and Associated infrastructure	Alternative 1	Construction	-1	2	3	3	3	3	-8,25	-1	1	2	2	2	1	-1,75	Low	1	2	1,13	-1,96875
13	Freshwater Ecology: Water quality modification from Pit Extension, TSF Extension and Associated infrastructure	Alternative 1	Construction	-1	3	3	3	3	3	-9	-1	1	2	2	2	1	-1,75	Low	1	2	1,13	-1,96875
14	Freshwater Ecology: Water quality modification from Production Plant and Associated infrastructure	Alternative 1	Construction	-1	3	3	3	3	3	-9	-1	1	2	2	2	1	-1,75	Low	1	2	1,13	-1,96875
15	Freshwater Ecology: Water quality modification from New Magazine and Associated infrastructure	Alternative 1	Construction	-1	3	3	3	3	3	-9	-1	1	2	2	2	1	-1,75	Low	1	2	1,13	-1,96875
16	Freshwater Ecology: Water quality modification from Spanover WRD Expansion and Associated infrastructure	Alternative 1	Construction	-1	3	3	3	3	3	-9	-1	1	2	2	2	1	-1,75	Low	1	2	1,13	-1,96875
17	Freshwater Ecology: Habitat modification from Pit Extension, TSF Extension and Associated infrastructure	Alternative 1	Operation	-1	3	3	3	3	3	-9	-1	1	1	1	1	2	-2	Medium	1	2	1,13	-2,25
18	Freshwater Ecology: Habitat modification from Production Plant and Associated infrastructure	Alternative 1	Operation	-1	3	3	3	3	3	-9	-1	1	1	1	1	2	-2	Medium	1	2	1,13	-2,25
19	Freshwater Ecology: Habitat modification from New Magazine and Associated infrastructure	Alternative 1	Operation	-1	3	3	3	3	3	-9	-1	1	3	2	3	1	-2,25	Medium	1	2	1,13	-2,53125
20	Freshwater Ecology: Habitat modification from Spanover WRD Expansion and Associated infrastructure	Alternative 1	Operation	-1	3	3	3	3	3	-9	-1	1	3	2	3	1	-2,25	Medium	1	2	1,13	-2,53125
21	Freshwater Ecology: Water quality modification from Pit Extension, TSF Extension and Associated infrastructure	Alternative 1	Operation	-1	4	4	4	4	4	-16	-1	3	3	4	3	2	-6,5	Medium	1	2	1,13	-7,3125
22	Freshwater Ecology: Water quality modification from Production Plant and Associated infrastructure	Alternative 1	Operation	-1	4	4	4	4	4	-16	-1	3	3	4	3	2	-6,5	Medium	1	2	1,13	-7,3125
23	Freshwater Ecology: Water quality modification from New Magazine and Associated infrastructure	Alternative 1	Operation	-1	4	4	4	4	4	-16	-1	3	3	4	3	2	-6,5	Medium	1	2	1,13	-7,3125
24	Freshwater Ecology: Water quality modification from Spanover WRD Expansion and Associated infrastructure	Alternative 1	Operation	-1	4	4	4	4	4	-16	-1	3	3	4	3	2	-6,5	Medium	1	2	1,13	-7,3125
25	Freshwater Ecology: Habitat modification from Pit Extension, TSF Extension and Associated infrastructure	Alternative 1	Decommissioning	-1	2	3	3	3	2	-5,5	-1	2	3	3	3	1	-2,75	Medium	1	1	1,00	-2,75
26	Freshwater Ecology: Habitat modification from Production Plant and Associated infrastructure	Alternative 1	Decommissioning	-1	2	3	3	3	2	-5,5	-1	2	3	3	3	1	-2,75	Medium	1	1	1,00	-2,75
27	Freshwater Ecology: Habitat modification from New Magazine and Associated infrastructure	Alternative 1	Decommissioning	-1	2	3	3	3	2	-5,5	-1	2	3	3	3	1	-2,75	Medium	1	1	1,00	-2,75
28	Freshwater Ecology: Habitat modification from Spanover WRD Expansion and Associated infrastructure	Alternative 1	Decommissioning	-1	2	3	3	3	2	-5,5	-1	3	3	4	3	2	-6,5	Medium	1	1	1,00	-6,5
29	Freshwater Ecology: Water quality modification from Pit Extension, TSF Extension and Associated infrastructure	Alternative 1	Decommissioning	-1	4	3	3	4	2	-7	-1	3	3	4	3	2	-6,5	Medium	1	1	1,00	-6,5
30	Freshwater Ecology: Water quality modification from Production Plant and Associated infrastructure	Alternative 1	Decommissioning	-1	4	3	3	4	2	-7	-1	3	3	4	3	2	-6,5	Medium	1	1	1,00	-6,5
31	Freshwater Ecology: Water quality modification from New Magazine and Associated infrastructure	Alternative 1	Decommissioning	-1	4	3	3	4	2	-7	-1	3	3	4	3	2	-6,5	Medium	1	1	1,00	-6,5
32	Freshwater Ecology: Water quality modification from Spanover WRD Expansion and Associated infrastructure	Alternative 1	Decommissioning	-1	4	3	3	4	2	-7	-1	3	3	4	3	2	-6,5	Medium	1	1	1,00	-6,5