



Impact	Alternative	Phase	Pre-Nature	Pre-Extent	Pre-Duration	Pre-Magnitude	Pre-Reversibility	Consequence	Pre-Probability	Pre-Mitigation Significance Score	Pre-Mitigation Significance	Post-Nature	Post-Extent	Post-Duration	Post-Magnitude	Post-Reversibility	Consequence2	Post-Probability	Post-mitigation Significance Score	Post-Mitigation Significance	Confidence	Cumulative Impact	Irreplaceable loss	Priority Factor	Final score
Interference with Existing Land Uses (Damage / Disruption of activities / services / infrastructure)	Survey	Planning	-1	2	2	2	2	-2	4	-8	Medium to low -	-1	2	2	2	2	-2	2	-4	Low -	Medium	1	1	1,00	-4,00
	Rotary-Percussion Drilling	Construction / Operational	-1	2	2	2	3	-2,25	4	-9	Medium to high -	-1	2	2	2	2	-2	2	-4	Low -	Medium	2	2	1,25	-5,00
	Percussion Drilling	Construction / Operational	-1	2	2	2	3	-2,25	4	-9	Medium to high -	-1	2	2	2	2	-2	2	-4	Low -	Medium	2	2	1,25	-5,00
	Diamond Core Drilling	Construction / Operational	-1	2	2	3	3	-2,5	4	-10	Medium to high -	-1	2	2	2	3	-2,25	2	-4,5	Medium to low -	Medium	2	2	1,25	-5,63
	Vibroseis Survey	Construction / Operational	-1	2	1	3	2	-2	3	-6	Medium to low -	-1	1	1	2	2	-1,5	2	-3	Low -	Medium	1	1	1,00	-3,00
	AWD / MT Survey	Construction / Operational	-1	2	1	2	2	-1,75	3	-5,25	Medium to low -	-1	1	1	1	2	-1,25	2	-2,5	Low -	Medium	1	1	1,00	-2,50
	L1	Construction / Operational	-1	2	3	3	3	-2,75	3	-8,25	Medium to low -	-1	2	1	2	2	-1,75	2	-3,5	Low -	Medium	2	2	1,25	-4,38
	L2/L3	Construction / Operational	-1	2	3	4	3	-3	3	-9	Medium to high -	-1	2	2	2	2	-2	2	-4	Low -	Medium	3	1	1,25	-5,00
Soils and Agricultural Potential	Rotary-Percussion Drilling	Construction / Operational	-1	2	2	3	2	-2,25	4	-9	Medium to high -	-1	2	2	3	2	-2,25	2	-4,5	Medium to low -	Medium	2	1	1,13	-5,06
	Percussion Drilling	Construction / Operational	-1	2	2	3	3	-2,5	4	-10	Medium to high -	-1	2	2	3	3	-2,5	3	-7,5	Medium to low -	Medium	2	1	1,13	-8,44
	Diamond Core Drilling	Construction / Operational	-1	2	2	3	3	-2,5	4	-10	Medium to high -	-1	2	2	3	3	-2,5	3	-7,5	Medium to low -	Medium	2	1	1,13	-8,44
	Vibroseis Survey	Construction / Operational	-1	2	1	3	2	-2	3	-6	Medium to low -	-1	1	1	2	2	-1,5	2	-3	Low -	Medium	1	1	1,00	-3,00
	AWD / MT Survey	Construction / Operational	-1	2	1	2	2	-1,75	3	-5,25	Medium to low -	-1	1	1	1	2	-1,25	2	-2,5	Low -	Medium	1	1	1,00	-2,50
	L1	Construction / Operational	-1	2	1	2	2	-1,75	3	-5,25	Medium to low -	-1	2	1	2	2	-1,75	2	-3,5	Low -	Medium	2	1	1,13	-3,94
	L2/L3	Construction / Operational	-1	2	1	3	2	-2	3	-6	Medium to low -	-1	2	1	3	2	-2	2	-4	Low -	Low	2	1	1,13	-4,50
Soil erosion and sedimentation	Rotary-Percussion Drilling	Construction / Operational	-1	2	2	3	2	-2,25	4	-9	Medium to high -	-1	2	2	3	2	-2,25	2	-4,5	Medium to low -	Medium	2	1	1,13	-5,06
	Percussion Drilling	Construction / Operational	-1	2	2	3	2	-2,25	4	-9	Medium to high -	-1	2	2	3	2	-2,25	2	-4,5	Medium to low -	Medium	2	1	1,13	-5,06
	Diamond Core Drilling	Construction / Operational	-1	2	2	3	2	-2,25	4	-9	Medium to high -	-1	2	2	3	2	-2,25	2	-4,5	Medium to low -	Medium	2	1	1,13	-5,06
	Vibroseis Survey	Construction / Operational	-1	2	1	3	2	-2	3	-6	Medium to low -	-1	1	1	2	2	-1,5	2	-3	Low -	Medium	1	1	1,00	-3,00
	AWD / MT Survey	Construction / Operational	-1	2	1	2	2	-1,75	3	-5,25	Medium to low -	-1	1	1	1	2	-1,25	2	-2,5	Low -	Medium	1	1	1,00	-2,50
	L1	Construction / Operational	-1	2	1	2	2	-1,75	3	-5,25	Medium to low -	-1	2	1	2	2	-1,75	2	-3,5	Low -	Medium	2	1	1,13	-3,94
	L2/L3	Construction / Operational	-1	2	1	3	2	-2	3	-6	Medium to low -	-1	2	1	3	2	-2	2	-4	Low -	Low	2	1	1,13	-4,50
and displacement of rs and livestock	Rotary-Percussion Drilling	Construction / Operational	-1	2	2	3	2	-2,25	3	-6,75	Medium to low -	-1	2	1	2	2	-1,75	2	-3,5	Low -	Medium	2	1	1,13	-3,94
	Percussion Drilling	Construction / Operational	-1	2	2	3	2	-2,25	3	-6,75	Medium to low -	-1	2	1	2	2	-1,75	2	-3,5	Low -	Medium	2	1	1,13	-3,94
	Diamond Core Drilling	Construction / Operational	-1	2	2	3	2	-2,25	3	-6,75	Medium to low -	-1	2	1	2	2	-1,75	2	-3,5	Low -	Medium	2	1	1,13	-3,94
	Vibroseis Survey	Construction / Operational	-1	2	1	3	2	-2	3	-6	Medium to low -	-1	1	1	2	2	-1,5	2	-3	Low -	Low	1	1	1,00	-3,00



Impact	Alternative	Phase	Pre-Nature	Pre-Extent	Pre-Duration	Pre-Magnitude	Pre-Reversibility	Consequence	Pre-Probability	Pre-Mitigation Significance Score	Pre-Mitigation Significance	Post-Nature	Post-Extent	Post-Duration	Post-Magnitude	Post-Reversibility	Consequence2	Post-Probability	Post-mitigation Significance Score	Post-Mitigation Significance	Confidence	Cumulative Impact	Irreplaceable loss	Priority Factor	Final score
Landownership landowne	AWD / MT Survey	Construction / Operational	-1	2	1	2	2	-1,75	3	-5,25	Medium to low -	-1	1	1	1	2	-1,25	2	-2,5	Low -	Low	1	1	1,00	-2,50
	L1	Construction / Operational	-1	2	1	2	2	-1,75	3	-5,25	Medium to low -	-1	2	1	2	2	-1,75	2	-3,5	Low -	Medium	1	2	1,13	-3,94
	L2/L3	Construction / Operational	-1	2	2	3	2	-2,25	3	-6,75	Medium to low -	-1	2	1	2	2	-1,75	2	-3,5	Low -	Low	1	1	1,00	-3,50
Air quality / greenhouse gas emissions	Rotary-Percussion Drilling	Construction / Operational	-1	3	2	3	3	-2,75	5	-13,75	Medium to high -	-1	2	2	2	3	-2,25	3	-6,8	Medium to low -	Low	2	2	1,25	-8,4375
	Percussion Drilling	Construction / Operational	-1	3	2	3	3	-2,75	5	-13,75	Medium to high -	-1	2	2	2	3	-2,25	3	-6,8	Medium to low -	Low	2	2	1,25	-8,4375
	Diamond Core Drilling	Construction / Operational	-1	3	2	3	3	-2,75	5	-13,75	Medium to high -	-1	2	2	2	3	-2,25	3	-6,8	Medium to low -	Low	2	2	1,25	-8,4375
	Vibroseis Survey	Construction / Operational	-1	2	1	3	2	-2	3	-6	Medium to low -	-1	2	1	2	1	-1,5	2	-3	Low -	Medium	1	1	1	-3
	AWD / MT Survey	Construction / Operational	-1	2	1	2	2	-1,75	3	-5,25	Medium to low -	-1	2	1	2	1	-1,5	2	-3	Low -	Medium	1	1	1	-3
	L1	Construction / Operational	-1	2	1	2	1	-1,5	3	-4,5	Medium to low -	-1	1	1	2	1	-1,25	2	-2,5	Low -	Medium	1	1	1	-2,5
	L2/L3	Construction / Operational	-1	2	1	2	1	-1,5	3	-4,5	Medium to low -	-1	1	1	2	1	-1,25	2	-2,5	Low -	Medium	1	1	1	-2,5
Safety and security (Health and Safety of the Community)	Rotary-Percussion Drilling	Construction / Operational	-1	3	2	4	5	-3,5	4	-14	High -	-1	2	2	3	3	-2,5	3	-7,5	Medium to low -	Low	1	2	1,13	-8,44
	Percussion Drilling	Construction / Operational	-1	3	2	4	5	-3,5	4	-14	High -	-1	2	2	3	3	-2,5	3	-7,5	Medium to low -	Low	1	2	1,13	-8,44
	Diamond Core Drilling	Construction / Operational	-1	3	2	4	5	-3,5	4	-14	High -	-1	2	2	3	3	-2,5	3	-7,5	Medium to low -	Low	1	2	1,13	-8,44
	Vibroseis Survey	Construction / Operational	-1	2	1	3	2	-2	3	-6	Medium to low -	-1	2	1	2	1	-1,5	2	-3	Low -	Medium	1	1	1,00	-3,00
	AWD / MT Survey	Construction / Operational	-1	2	1	2	2	-1,75	3	-5,25	Medium to low -	-1	2	1	2	1	-1,5	2	-3	Low -	Medium	1	1	1,00	-3,00
	L1	Construction / Operational	-1	2	1	2	2	-1,75	3	-5,25	Medium to low -	-1	2	1	2	2	-1,75	2	-3,5	Low -	Medium	1	2	1,13	-3,94
	L2/L3	Construction / Operational	-1	2	2	3	2	-2,25	3	-6,75	Medium to low -	-1	2	1	2	2	-1,75	2	-3,5	Low -	Low	1	1	1,00	-3,50
Noise Impacts	Rotary-Percussion Drilling	Construction / Operational	-1	2	2	3	3	-2,5	4	-10	Medium to high -	-1	2	1	2	2	-1,75	2	-3,5	Low -	Low	1	1	1,00	-3,50
	Percussion Drilling	Construction / Operational	-1	2	2	4	3	-2,75	4	-11	Medium to high -	-1	2	1	3	2	-2	2	-4	Low -	Low	1	1	1,00	-4,00
	Diamond Core Drilling	Construction / Operational	-1	2	2	3	3	-2,5	4	-10	Medium to high -	-1	2	1	2	2	-1,75	2	-3,5	Low -	Low	1	1	1,00	-3,50
	L2/L3	Construction / Operational	-1	2	1	3	2	-2	3	-6	Medium to low -	-1	2	1	1	2	-1,5	2	-3	Low -	Low	1	1	1,00	-3,00
Nuisance and Impact on Sense of Place	Rotary-Percussion Drilling	Construction / Operational	-1	2	2	3	3	-2,5	4	-10	Medium to high -	-1	2	1	2	2	-1,75	2	-3,5	Low -	Low	1	1	1,00	-3,50
	Vibroseis Survey	Construction / Operational	-1	2	1	2	1	-1,5	4	-6	Medium to low -	-1	2	1	2	2	-1,75	2	-3,5	Low -	Medium	1	1	1,00	-3,50
	AWD / MT Survey	Construction / Operational	-1	2	1	2	1	-1,5	4	-6	Medium to low -	-1	2	1	1	2	-1,5	2	-3	Low -	Medium	1	1	1,00	-3,00
	L1	Construction / Operational	-1	2	1	2	1	-1,5	3	-4,5	Medium to low -	-1	2	1	1	1	-1,25	2	-2,5	Low -	Medium	1	1	1,00	-2,50
	L2/L3	Construction / Operational	-1	2	1	3	2	-2	3	-6	Medium to low -	-1	2	1	1	2	-1,5	2	-3	Low -	Low	1	1	1,00	-3,00



Impact	Alternative	Phase	Pre-Nature	Pre-Extent	Pre-Duration	Pre-Magnitude	Pre-Reversibility	Consequence	Pre-Probability	Pre-Mitigation Significance Score	Pre-Mitigation Significance	Post-Nature	Post-Extent	Post-Duration	Post-Magnitude	Post-Reversibility	Consequence2	Post-Probability	Post-mitigation Significance Score	Post-Mitigation Significance	Confidence	Cumulative Impact	Irreplaceable loss	Priority Factor	Final score
Impact on Groundwater Quality and Quantity	Rotary-Percussion Drilling	Construction / Operational	-1	3	2	5	4	-3,5	4	-14	High -	-1	2	2	3	3	-2,5	2	-5	Medium to low -	Low	2	2	1,25	-6,25
	Percussion Drilling	Construction / Operational	-1	3	2	5	4	-3,5	4	-14	High -	-1	2	2	3	3	-2,5	2	-5	Medium to low -	Low	2	2	1,25	-6,25
	Diamond Core Drilling	Construction / Operational	-1	3	2	5	4	-3,5	4	-14	High -	-1	2	2	3	3	-2,5	2	-5	Medium to low -	Low	2	2	1,25	-6,25
	Vibroseis Survey	Construction / Operational	-1	2	1	3	2	-2	3	-6	Medium to low -	-1	2	1	2	1	-1,5	2	-3	Low -	Medium	1	1	1,00	-3,00
	AWD / MT Survey	Construction / Operational	-1	2	1	2	2	-1,75	3	-5,25	Medium to low -	-1	2	1	2	1	-1,5	2	-3	Low -	Medium	1	1	1,00	-3,00
	L1	Construction / Operational	-1	2	2	2	3	-2,25	3	-6,75	Medium to low -	-1	2	2	2	2	-2	2	-4	Low -	Low	2	2	1,25	-5,00
	L2/L3	Construction / Operational	-1	3	2	3	3	-2,75	3	-8,25	Medium to low -	-1	2	2	2	2	-2	2	-4	Low -	Low	2	2	1,25	-5,00