



IMPACT ASSESSMENT MATRIC FOR MOTUOANE EXPLORATION RIGHT 386 - EIA 12/3/386

Identifier	Discipline	Impact	Alternative	Phase	Event	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	Final Significance
1.1	All	Interference with Existing Land Uses (Damage / Disruption of activities / services / infrastructure)	Drilling / Survey	Planning	Normal operations or events	-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	Medium to low -
1.2	All		Drilling / Survey	Planning	Normal operations or events	-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	Medium to low -
1.3	Drilling		Rotary-Percussion Drilling	Construction / Operational	Normal operations or events	-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	Medium to low -
1.4	Drilling		Percussion Drilling	Construction / Operational	Normal operations or events	-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	Medium to low -
1.5	Drilling		Diamond Core Drilling	Construction / Operational	Normal operations or events	-1	2	2	3	3	-2,5	4	-10	Medium to high -	-1	2	2	3	3	-2,5	2	-5	Medium to low -	Medium	2	2	1,25	-6,25	Medium to low -
1.6	Drilling		Rotary-Percussion Drilling	Construction / Operational	Abnormal or unplanned events	-1	2	3	4	4	-3,25	4	-13	Medium to high -	-1	2	2	3	2	-2,25	2	-4,5	Medium to low -	Low	3	3	1,50	-6,75	Medium to low -
1.7	Drilling		Percussion Drilling	Construction / Operational	Abnormal or unplanned events	-1	2	3	4	4	-3,25	4	-13	Medium to high -	-1	2	2	3	2	-2,25	2	-4,5	Medium to low -	Low	3	3	1,50	-6,75	Medium to low -
1.8	Drilling		Diamond Core Drilling	Construction / Operational	Abnormal or unplanned events	-1	2	3	4	4	-3,25	4	-13	Medium to high -	-1	2	2	4	3	-2,75	2	-5,5	Medium to low -	Low	3	3	1,50	-8,25	Medium to low -
1.9	Survey		Vibroseis Survey	Construction / Operational	Normal operations or events	-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	Low -
1.10	Survey		AWD / MT Survey	Construction / Operational	Normal operations or events	-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	Low -
1.11	Survey		Vibroseis Survey	Construction / Operational	Abnormal or unplanned events	-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	Low -
1.12	Survey		AWD / MT Survey	Construction / Operational	Abnormal or unplanned events	-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	Low -
1.13	All		Drilling / Survey	Decommissioning / Closure & Rehab	Normal operations or events	-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	2	1,25	-4,38	Medium to low -
1.14	All		Drilling / Survey	Decommissioning / Closure & Rehab	Abnormal or unplanned events	-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	3	1	1,25	-4,38	Medium to low -
2.1	All	Soils and Agricultural Potential	Drilling / Survey	Planning	Normal operations or events	-1	2	1	2	1	-1,5	4	-6	Medium to low -	-1	2	1	2	1	-1,5	2	-3	Low -	Medium	2	1	1,13	-3,38	Low -
2.2	All		Drilling / Survey	Planning	Abnormal or unplanned events	-1	2	1	3	1	-1,75	5	-8,75	Medium to high -	-1	2	1	3	1	-1,75	2	-3,5	Low -	Medium	2	1	1,13	-3,94	Low -
2.3	Drilling		Rotary-Percussion Drilling	Construction / Operational	Normal operations or events	-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	Medium to low -
2.4	Drilling		Percussion Drilling	Construction / Operational	Normal operations or events	-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	Medium to low -
2.5	Drilling		Diamond Core Drilling	Construction / Operational	Normal operations or events	-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	Medium to low -
2.6	Drilling		Rotary-Percussion Drilling	Construction / Operational	Abnormal or unplanned events	-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 -	Low	2	1	1,13	-5,06	Medium to low -
2.7	Drilling		Percussion Drilling	Construction / Operational	Abnormal or unplanned events	-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 -	Low	2	1	1,13	-8,44	Medium to low -
2.8	Drilling		Diamond Core Drilling	Construction / Operational	Abnormal or unplanned events	-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 -	Low	2	1	1,13	-8,44	Medium to low -
2.9	Survey		Vibroseis Survey	Construction / Operational	Normal operations or events	-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	Low -
2.10	Survey		AWD / MT Survey	Construction / Operational	Normal operations or events	-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	Low -
2.11	Survey		Vibroseis Survey	Construction / Operational	Abnormal or unplanned events	-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	Low -
2.12	Survey		AWD / MT Survey	Construction / Operational	Abnormal or unplanned events	-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	Low -
2.13	All		Drilling / Survey	Decommissioning / Closure & Rehab	Normal operations or events	-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	Low -
2.14	All		Drilling / Survey	Decommissioning / Closure & Rehab	Abnormal or unplanned events	-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	Medium to low -
3.1	All	Land sedimentation	Drilling / Survey	Planning	Normal operations or events	-1	2	1	2	1	-1,5	4	-6	Medium to low -	-1	2	1	2	1	-1,5	2	-3	Low -	Medium	2	1	1,13	-3,38	Low -
3.2	All		Drilling / Survey	Planning	Abnormal or unplanned events	-1	2	1	3	1	-1,75	5	-8,75	Medium to high -	-1	2	1	3	1	-1,75	2	-3,5	Low -	Medium	2	1	1,13	-3,94	Low -
3.3	Drilling		Rotary-Percussion Drilling	Construction / Operational	Normal operations or events	-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	Medium to low -
3.4	Drilling		Percussion Drilling	Construction / Operational	Normal operations or events	-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	Medium to low -
3.5	Drilling		Diamond Core Drilling	Construction / Operational	Normal operations or events	-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	Medium to low -
3.6	Drilling		Rotary-Percussion Drilling	Construction / Operational	Abnormal or unplanned events	-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 -	Low	2	1	1,13	-5,06	Medium to low -
3.7	Drilling		Percussion Drilling	Construction / Operational	Abnormal or unplanned events	-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 -	Low	2	1	1,13	-8,44	Medium to low -



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3.8	Drilling	Soil erosion and	Diamond Core Drilling	Construction / Operational	Abnormal or unplanned events	-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 -	Low	2	1	1,13	-8,44	Medium to low -
3.9	Survey		Vibroseis Survey	Construction / Operational	Normal operations or events	-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	Low -
3.10	Survey		AWD / MT Survey	Construction / Operational	Normal operations or events	-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	Low -
3.11	Survey		Vibroseis Survey	Construction / Operational	Abnormal or unplanned events	-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	Low -
3.12	Survey		AWD / MT Survey	Construction / Operational	Abnormal or unplanned events	-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	Low -
3.13	All		Drilling / Survey	Decommissioning / Closure & Rehab	Normal operations or events	-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	Low -
3.14	All		Drilling / Survey	Decommissioning / Closure & Rehab	Abnormal or unplanned events	-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	Medium to low -
4.1	All	Landownership and displacement of landowners and livestock	Drilling / Survey	Planning	Normal operations or events	-1	2	2	2	3	-2,25	3	-6,75	Medium to low -	-1	2	2	2	2	-2	2	-4	Low -	Medium	2	2	1,25	-5,00	Medium to low -
4.2	All		Drilling / Survey	Planning	Abnormal or unplanned events	-1	2	2	2	3	-2,25	3	-6,75	Medium to low -	-1	2	2	2	2	-2	2	-4	Low -	Medium	2	2	1,25	-5,00	Medium to low -
4.3	Drilling		Rotary-Percussion Drilling	Construction / Operational	Normal operations or events	-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	Low -
4.4	Drilling		Percussion Drilling	Construction / Operational	Normal operations or events	-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	Low -
4.5	Drilling		Diamond Core Drilling	Construction / Operational	Normal operations or events	-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	Low -
4.6	Drilling		Rotary-Percussion Drilling	Construction / Operational	Abnormal or unplanned events	-1	2	2	4	2	-2,5	3	-7,5	Medium to low -	-1	2	1	2	2	-1,75	2	-3,5	Low -	Medium	2	1	1,13	-3,94	Low -
4.7	Drilling		Percussion Drilling	Construction / Operational	Abnormal or unplanned events	-1	2	2	4	2	-2,5	3	-7,5	Medium to low -	-1	2	1	2	2	-1,75	2	-3,5	Low -	Medium	2	1	1,13	-3,94	Low -
4.8	Drilling		Diamond Core Drilling	Construction / Operational	Abnormal or unplanned events	-1	2	2	4	2	-2,5	3	-7,5	Medium to low -	-1	2	1	2	2	-1,75	2	-3,5	Low -	Medium	2	1	1,13	-3,94	Low -
4.9	Survey		Vibroseis Survey	Construction / Operational	Normal operations or events	-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	Low -
4.10	Survey		AWD / MT Survey	Construction / Operational	Normal operations or events	-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	Low -
4.11	Survey		Vibroseis Survey	Construction / Operational	Abnormal or unplanned events	-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	Low -
4.12	Survey		AWD / MT Survey	Construction / Operational	Abnormal or unplanned events	-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	Low -
4.13	All		Drilling / Survey	Decommissioning / Closure & Rehab	Normal operations or events	-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	Low -
4.14	All		Drilling / Survey	Decommissioning / Closure & Rehab	Abnormal or unplanned events	-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	Low -
5.1	All	Air quality / greenhouse gas emissions	Drilling / Survey	Planning	Normal operations or events	-1	2	1	2	2	-1,75	3	-5,25	Medium to low -	-1	2	1	2	1	-1,5	2	-3	Low -	High	1	1	1,00	-3,00	Low -
5.2	All		Drilling / Survey	Planning	Abnormal or unplanned events	-1	2	1	3	2	-2	3	-6	Medium to low -	-1	2	1	2	1	-1,5	2	-3	Low -	High	1	1	1	-3	Low -
5.3	Drilling		Rotary-Percussion Drilling	Construction / Operational	Normal operations or events	-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	-8,438	Medium to low -
5.4	Drilling		Percussion Drilling	Construction / Operational	Normal operations or events	-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	-8,438	Medium to low -
5.5	Drilling		Diamond Core Drilling	Construction / Operational	Normal operations or events	-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	-8,438	Medium to low -
5.6	Drilling		Rotary-Percussion Drilling	Construction / Operational	Abnormal or unplanned events	-1	3	2	4	4	-3,25	5	-16,25	High -	-1	2	2	3	3	-2,5	3	-7,5	Medium to low -	Low	2	2	1,25	-9,375	Medium to high -
5.7	Drilling		Percussion Drilling	Construction / Operational	Abnormal or unplanned events	-1	3	2	4	4	-3,25	5	-16,25	High -	-1	2	2	3	3	-2,5	3	-7,5	Medium to low -	Low	2	2	1,25	-9,375	Medium to high -
5.8	Drilling		Diamond Core Drilling	Construction / Operational	Abnormal or unplanned events	-1	3	2	4	4	-3,25	5	-16,25	High -	-1	2	2	3	3	-2,5	3	-7,5	Medium to low -	Low	2	2	1,25	-9,375	Medium to high -
5.9	Survey		Vibroseis Survey	Construction / Operational	Normal operations or events	-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	Low -
5.10	Survey		AWD / MT Survey	Construction / Operational	Normal operations or events	-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	Low -
5.11	Survey		Vibroseis Survey	Construction / Operational	Abnormal or unplanned events	-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	Low -
5.12	Survey		AWD / MT Survey	Construction / Operational	Abnormal or unplanned events	-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	Low -
5.13	Drilling		Drilling	Decommissioning / Closure & Rehab	Normal operations or events	-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	Medium to low -
5.14	Drilling		Drilling	Decommissioning / Closure & Rehab	Abnormal or unplanned events	-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	Medium to low -
5.15	Survey		Survey	Decommissioning / Closure & Rehab	Normal operations or events	-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	Low -
5.16	Survey		Survey	Decommissioning / Closure & Rehab	Abnormal or unplanned events	-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	Low -



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6.1	All	Safety and security (Health and Safety of the Community)	Drilling / Survey	Planning	Normal operations or events	-1	2	1	2	2	-1,75	3	-5,25	Medium to low -	-1	2	1	2	1	-1,5	2	-3	Low -	High	1	1	1,00	-3,00	Low -
6.2	All		Drilling / Survey	Planning	Abnormal or unplanned events	-1	2	1	3	2	-2	3	-6	Medium to low -	-1	2	1	2	1	-1,5	2	-3	Low -	High	1	1	1,00	-3,00	Low -
6.3	Drilling		Rotary-Percussion Drilling	Construction / Operational	Normal operations or events	-1	3	2	3	3	-2,75	4	-11	Medium to high -	-1	2	2	2	3	-2,25	3	-6,8	Medium to low -	Low	1	2	1,13	-7,59	Medium to low -
6.4	Drilling		Percussion Drilling	Construction / Operational	Normal operations or events	-1	3	2	3	4	-3	4	-12	Medium to high -	-1	2	2	2	3	-2,25	3	-6,8	Medium to low -	Low	1	2	1,13	-7,59	Medium to low -
6.5	Drilling		Diamond Core Drilling	Construction / Operational	Normal operations or events	-1	3	2	3	4	-3	4	-12	Medium to high -	-1	2	2	2	3	-2,25	3	-6,8	Medium to low -	Low	1	2	1,13	-7,59	Medium to low -
6.6	Drilling		Rotary-Percussion Drilling	Construction / Operational	Abnormal or unplanned events	-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	Medium to low -
6.7	Drilling		Percussion Drilling	Construction / Operational	Abnormal or unplanned events	-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	Medium to low -
6.8	Drilling		Diamond Core Drilling	Construction / Operational	Abnormal or unplanned events	-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	Medium to low -
6.9	Survey		Vibroseis Survey	Construction / Operational	Normal operations or events	-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	Low -
6.10	Survey		AWD / MT Survey	Construction / Operational	Normal operations or events	-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	Low -
6.11	Survey		Vibroseis Survey	Construction / Operational	Abnormal or unplanned events	-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	Low -
6.12	Survey		AWD / MT Survey	Construction / Operational	Abnormal or unplanned events	-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	Low -
6.13	All		Drilling / Survey	Decommissioning / Closure & Rehab	Normal operations or events	-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	Low -
6.14	All		Drilling / Survey	Decommissioning / Closure & Rehab	Abnormal or unplanned events	-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	Low -
7.1	All	Noise Impacts	Drilling / Survey	Planning	Normal operations or events	-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	Low -
7.2	All		Drilling / Survey	Planning	Abnormal or unplanned events	-1	2	1	4	2	-2,25	3	-6,75	Medium to low -	-1	2	1	2	2	-1,75	2	-3,5	Low -	Medium	1	1	1,00	-3,50	Low -
7.3	Drilling		Rotary-Percussion Drilling	Construction / Operational	Normal operations or events	-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	Low -
7.4	Drilling		Percussion Drilling	Construction / Operational	Normal operations or events	-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	Low -
7.5	Drilling		Diamond Core Drilling	Construction / Operational	Normal operations or events	-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	Low -
7.6	Drilling		Rotary-Percussion Drilling	Construction / Operational	Abnormal or unplanned events	-1	3	2	3	3	-2,75	4	-11	Medium to high -	-1	2	1	2	2	-1,75	2	-3,5	Low -	Low	1	1	1,00	-3,50	Low -
7.7	Drilling		Percussion Drilling	Construction / Operational	Abnormal or unplanned events	-1	3	2	4	3	-3	4	-12	Medium to high -	-1	2	1	3	2	-2	2	-4	Low -	Low	1	1	1,00	-4,00	Low -
7.8	Drilling		Diamond Core Drilling	Construction / Operational	Abnormal or unplanned events	-1	3	2	3	3	-2,75	4	-11	Medium to high -	-1	2	1	2	2	-1,75	2	-3,5	Low -	Low	1	1	1,00	-3,50	Low -
7.9	Survey		Vibroseis Survey	Construction / Operational	Normal operations or events	-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	Low -
7.10	Survey		AWD / MT Survey	Construction / Operational	Normal operations or events	-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	Low -
7.11	Survey		Vibroseis Survey	Construction / Operational	Abnormal or unplanned events	-1	2	1	3	1	-1,75	3	-5,25	Medium to low -	-1	2	1	2	2	-1,75	2	-3,5	Low -	Medium	1	1	1,00	-3,50	Low -
7.12	Survey		AWD / MT Survey	Construction / Operational	Abnormal or unplanned events	-1	2	1	3	1	-1,75	3	-5,25	Medium to low -	-1	2	1	2	2	-1,75	2	-3,5	Low -	Medium	1	1	1,00	-3,50	Low -
7.13	All		Drilling / Survey	Decommissioning / Closure & Rehab	Normal operations or events	-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	Low -
7.14	All		Drilling / Survey	Decommissioning / Closure & Rehab	Abnormal or unplanned events	-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	Low -
8.1	All	Safety and Impact on Sense of Place	Drilling / Survey	Planning	Normal operations or events	-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	Low -
8.2	All		Drilling / Survey	Planning	Abnormal or unplanned events	-1	2	1	4	2	-2,25	3	-6,75	Medium to low -	-1	2	1	2	2	-1,75	2	-3,5	Low -	Medium	1	1	1,00	-3,50	Low -
8.3	Drilling		Rotary-Percussion Drilling	Construction / Operational	Normal operations or events	-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	Low -
8.4	Drilling		Percussion Drilling	Construction / Operational	Normal operations or events	-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	Low -
8.5	Drilling		Diamond Core Drilling	Construction / Operational	Normal operations or events	-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	Low -
8.6	Drilling		Rotary-Percussion Drilling	Construction / Operational	Abnormal or unplanned events	-1	3	2	3	3	-2,75	4	-11	Medium to high -	-1	2	1	2	2	-1,75	2	-3,5	Low -	Low	1	1	1,00	-3,50	Low -
8.7	Drilling		Percussion Drilling	Construction / Operational	Abnormal or unplanned events	-1	3	2	3	3	-2,75	4	-11	Medium to high -	-1	2	1	2	2	-1,75	2	-3,5	Low -	Low	1	1	1,00	-3,50	Low -
8.8	Drilling		Diamond Core Drilling	Construction / Operational	Abnormal or unplanned events	-1	3	2	4	3	-3	4	-12	Medium to high -	-1	2	1	3	2	-2	2	-4	Low -	Low	1	1	1,00	-4,00	Low -
8.9	Survey		Vibroseis Survey	Construction / Operational	Normal operations or events	-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	Low -



Identifier	Discipline	Impact	Alternative	Phase	Event	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	Final Significance
8.10	Survey	Nuisance	AWD / MT Survey	Construction / Operational	Normal operations or events	-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	Low -
8.11	Survey		Vibroseis Survey	Construction / Operational	Abnormal or unplanned events	-1	2	1	3	1	-1,75	3	-5,25	Medium to low -	-1	2	1	2	2	-1,75	2	-3,5	Low -	Medium	1	1	1,00	-3,50	Low -
8.12	Survey		AWD / MT Survey	Construction / Operational	Abnormal or unplanned events	-1	2	1	3	1	-1,75	3	-5,25	Medium to low -	-1	2	1	2	2	-1,75	2	-3,5	Low -	Medium	1	1	1,00	-3,50	Low -
8.13	All		Drilling / Survey	Decommissioning / Closure & Rehab	Normal operations or events	-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	Low -
8.14	All		Drilling / Survey	Decommissioning / Closure & Rehab	Abnormal or unplanned events	-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	Low -
9.1	All	Impact on Groundwater Quality and Quantity	Drilling / Survey	Planning	Normal operations or events	-1	2	1	2	2	-1,75	3	-5,25	Medium to low -	-1	2	1	2	1	-1,5	2	-3	Low -	High	1	1	1,00	-3,00	Low -
9.2	All		Drilling / Survey	Planning	Abnormal or unplanned events	-1	2	1	3	2	-2	3	-6	Medium to low -	-1	2	1	2	1	-1,5	2	-3	Low -	High	1	1	1,00	-3,00	Low -
9.3	Drilling		Rotary-Percussion Drilling	Construction / Operational	Normal operations or events	-1	3	2	3	3	-2,75	5	-13,75	Medium to high -	-1	2	2	2	2	-2	3	-6	Medium to low -	Low	2	2	1,25	-7,50	Medium to low -
9.4	Drilling		Percussion Drilling	Construction / Operational	Normal operations or events	-1	3	2	3	3	-2,75	5	-13,75	Medium to high -	-1	2	2	2	2	-2	3	-6	Medium to low -	Low	2	2	1,25	-7,50	Medium to low -
9.5	Drilling		Diamond Core Drilling	Construction / Operational	Normal operations or events	-1	3	2	3	3	-2,75	5	-13,75	Medium to high -	-1	2	2	2	2	-2	3	-6	Medium to low -	Low	2	2	1,25	-7,50	Medium to low -
9.6	Drilling		Rotary-Percussion Drilling	Construction / Operational	Abnormal or unplanned events	-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	Medium to low -
9.7	Drilling		Percussion Drilling	Construction / Operational	Abnormal or unplanned events	-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	Medium to low -
9.8	Drilling		Diamond Core Drilling	Construction / Operational	Abnormal or unplanned events	-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	Medium to low -
9.9	Survey		Vibroseis Survey	Construction / Operational	Normal operations or events	-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	Low -
9.10	Survey		AWD / MT Survey	Construction / Operational	Normal operations or events	-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	Low -
9.11	Survey		Vibroseis Survey	Construction / Operational	Abnormal or unplanned events	-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	Low -
9.12	Survey		AWD / MT Survey	Construction / Operational	Abnormal or unplanned events	-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	Low -
9.13	Drilling		Drilling	Decommissioning / Closure & Rehab	Normal operations or events	-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	Medium to low -
9.14	Drilling		Drilling	Decommissioning / Closure & Rehab	Abnormal or unplanned events	-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	Medium to low -
9.15	Survey		Survey	Decommissioning / Closure & Rehab	Normal operations or events	-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	1,00	-2,50	Low -
9.16	Survey		Survey	Decommissioning / Closure & Rehab	Abnormal or unplanned events	-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	1,00	-2,50	Low -
10.1	All	Impact on Surface water Quality and Quantity	Drilling / Survey	Planning	Normal operations or events	-1	2	1	2	2	-1,75	3	-5,25	Medium to low -	-1	2	1	2	1	-1,5	2	-3	Low -	High	1	1	1,00	-3,00	Low -
10.2	All		Drilling / Survey	Planning	Abnormal or unplanned events	-1	2	1	3	2	-2	3	-6	Medium to low -	-1	2	1	2	1	-1,5	2	-3	Low -	High	1	1	1,00	-3,00	Low -
10.3	Drilling		Rotary-Percussion Drilling	Construction / Operational	Normal operations or events	-1	3	2	3	3	-2,75	5	-13,75	Medium to high -	-1	2	2	2	2	-2	3	-6	Medium to low -	Low	2	2	1,25	-7,50	Medium to low -
10.4	Drilling		Percussion Drilling	Construction / Operational	Normal operations or events	-1	3	2	3	3	-2,75	5	-13,75	Medium to high -	-1	2	2	2	2	-2	3	-6	Medium to low -	Low	2	2	1,25	-7,50	Medium to low -
10.5	Drilling		Diamond Core Drilling	Construction / Operational	Normal operations or events	-1	3	2	3	3	-2,75	5	-13,75	Medium to high -	-1	2	2	2	2	-2	3	-6	Medium to low -	Low	2	2	1,25	-7,50	Medium to low -
10.6	Drilling		Rotary-Percussion Drilling	Construction / Operational	Abnormal or unplanned events	-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	Medium to low -
10.7	Drilling		Percussion Drilling	Construction / Operational	Abnormal or unplanned events	-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	Medium to low -
10.8	Drilling		Diamond Core Drilling	Construction / Operational	Abnormal or unplanned events	-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	Medium to low -
10.9	Survey		Vibroseis Survey	Construction / Operational	Normal operations or events	-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	Low -
10.10	Survey		AWD / MT Survey	Construction / Operational	Normal operations or events	-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	Low -
10.11	Survey		Vibroseis Survey	Construction / Operational	Abnormal or unplanned events	-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	Low -
10.12	Survey		AWD / MT Survey	Construction / Operational	Abnormal or unplanned events	-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	Low -
10.13	Drilling		Drilling	Decommissioning / Closure & Rehab	Normal operations or events	-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	Medium to low -
10.14	Drilling		Drilling	Decommissioning / Closure & Rehab	Abnormal or unplanned events	-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	Medium to low -
10.15	Survey		Survey	Decommissioning / Closure & Rehab	Normal operations or events	-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	1,00	-2,50	Low -
10.16	Survey		Survey	Decommissioning / Closure & Rehab	Abnormal or unplanned events	-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	1,00	-2,50	Low -



Identifier	Discipline	Impact	Alternative	Phase	Event	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	Final Significance
11.1	All	Impacts on natural habitat	Drilling / Survey	Planning	Normal operations or events	-1	2	2	4	3	-2,75	5	-13,75	Medium to high -	-1	2	1	2	2	-1,75	4	-7	Medium to low -	Medium	2	2	1,25	-8,75	Medium to high -
11.2	All		Drilling / Survey	Planning	Abnormal or unplanned events	-1	3	2	5	4	-3,5	4	-14	High -	-1	2	1	3	3	-2,25	4	-9	Medium to high -	Medium	2	2	1,25	-11,25	Medium to high -
11.3	Drilling		Rotary-Percussion Drilling	Construction / Operational	Normal operations or events	-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	2	1,25	-4,38	Medium to low -
11.4	Drilling		Percussion Drilling	Construction / Operational	Normal operations or events	-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	2	1,25	-4,38	Medium to low -
11.5	Drilling		Diamond Core Drilling	Construction / Operational	Normal operations or events	-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	2	1,25	-4,38	Medium to low -
11.6	Drilling		Rotary-Percussion Drilling	Construction / Operational	Abnormal or unplanned events	-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	2	1,25	-4,38	Medium to low -
11.7	Drilling		Percussion Drilling	Construction / Operational	Abnormal or unplanned events	-1	2	1	3	2	-2	3	-6	Medium to low -	-1	2	1	2	2	-1,75	2	-3,5	Low -	Medium	2	2	1,25	-4,38	Medium to low -
11.8	Drilling		Diamond Core Drilling	Construction / Operational	Abnormal or unplanned events	-1	2	1	3	2	-2	3	-6	Medium to low -	-1	2	1	2	2	-1,75	2	-3,5	Low -	Medium	2	2	1,25	-4,38	Medium to low -
11.9	Survey		Vibroseis Survey	Construction / Operational	Normal operations or events	-1	2	1	3	2	-2	3	-6	Medium to low -	-1	2	1	2	2	-1,75	2	-3,5	Low -	Medium	2	2	1,25	-4,38	Medium to low -
11.10	Survey		AWD / MT Survey	Construction / Operational	Normal operations or events	-1	2	1	3	2	-2	3	-6	Medium to low -	-1	2	1	2	2	-1,75	2	-3,5	Low -	Medium	2	2	1,25	-4,38	Medium to low -
11.11	Survey		Vibroseis Survey	Construction / Operational	Abnormal or unplanned events	-1	2	1	3	3	-2,25	3	-6,75	Medium to low -	-1	2	1	3	2	-2	2	-4	Low -	Medium	2	2	1,25	-5,00	Medium to low -
11.12	Survey		AWD / MT Survey	Construction / Operational	Abnormal or unplanned events	-1	2	1	3	3	-2,25	3	-6,75	Medium to low -	-1	2	1	3	2	-2	2	-4	Low -	Medium	2	2	1,25	-5,00	Medium to low -
11.13	All		Drilling / Survey	Decommissioning / Closure & Rehab	Normal operations or events	-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	1	1,00	-3,50	Low -
11.14	All		Drilling / Survey	Decommissioning / Closure & Rehab	Abnormal or unplanned events	-1	2	1	3	3	-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	Low -
12.1	All	Impacts on Microorganisms	Drilling / Survey	Planning	Normal operations or events	-1	2	2	4	3	-2,75	5	-13,75	Medium to high -	-1	2	1	2	2	-1,75	4	-7	Medium to low -	Low	2	2	1,25	-8,75	Medium to high -
12.2	All		Drilling / Survey	Planning	Abnormal or unplanned events	-1	2	2	5	4	-3,25	4	-13	Medium to high -	-1	2	1	3	3	-2,25	4	-9	Medium to high -	Low	2	2	1,25	-11,25	Medium to high -
12.3	Drilling		Rotary-Percussion Drilling	Construction / Operational	Normal operations or events	-1	2	1	3	2	-2	4	-8	Medium to low -	-1	2	1	2	2	-1,75	3	-5,3	Medium to low -	Low	2	2	1,25	-6,56	Medium to low -
12.4	Drilling		Percussion Drilling	Construction / Operational	Normal operations or events	-1	2	1	3	2	-2	4	-8	Medium to low -	-1	2	1	2	2	-1,75	3	-5,3	Medium to low -	Low	2	2	1,25	-6,56	Medium to low -
12.5	Drilling		Diamond Core Drilling	Construction / Operational	Normal operations or events	-1	2	1	3	2	-2	4	-8	Medium to low -	-1	2	1	2	2	-1,75	3	-5,3	Medium to low -	Low	2	2	1,25	-6,56	Medium to low -
12.6	Drilling		Rotary-Percussion Drilling	Construction / Operational	Abnormal or unplanned events	-1	2	1	3	2	-2	4	-8	Medium to low -	-1	2	1	3	2	-2	3	-6	Medium to low -	Low	2	2	1,25	-7,50	Medium to low -
12.7	Drilling		Percussion Drilling	Construction / Operational	Abnormal or unplanned events	-1	2	1	4	2	-2,25	4	-9	Medium to high -	-1	2	1	3	2	-2	3	-6	Medium to low -	Low	2	2	1,25	-7,50	Medium to low -
12.8	Drilling		Diamond Core Drilling	Construction / Operational	Abnormal or unplanned events	-1	2	1	4	2	-2,25	4	-9	Medium to high -	-1	2	1	3	2	-2	3	-6	Medium to low -	Low	2	2	1,25	-7,50	Medium to low -
12.9	Survey		Vibroseis Survey	Construction / Operational	Normal operations or events	-1	2	1	4	2	-2,25	5	-11,25	Medium to high -	-1	2	1	3	2	-2	3	-6	Medium to low -	Low	2	2	1,25	-7,50	Medium to low -
12.10	Survey		AWD / MT Survey	Construction / Operational	Normal operations or events	-1	2	1	3	2	-2	5	-10	Medium to high -	-1	2	1	2	2	-1,75	3	-5,3	Medium to low -	Low	2	2	1,25	-6,56	Medium to low -
12.11	Survey		Vibroseis Survey	Construction / Operational	Abnormal or unplanned events	-1	2	1	5	3	-2,75	5	-13,75	Medium to high -	-1	2	1	3	2	-2	3	-6	Medium to low -	Low	2	2	1,25	-7,50	Medium to low -
12.12	Survey		AWD / MT Survey	Construction / Operational	Abnormal or unplanned events	-1	2	1	4	3	-2,5	5	-12,5	Medium to high -	-1	2	1	3	2	-2	3	-6	Medium to low -	Low	2	2	1,25	-7,50	Medium to low -
12.13	All		Drilling / Survey	Decommissioning / Closure & Rehab	Normal operations or events	-1	2	1	2	2	-1,75	3	-5,25	Medium to low -	-1	2	1	2	2	-1,75	2	-3,5	Low -	Low	1	1	1,00	-3,50	Low -
12.14	All		Drilling / Survey	Decommissioning / Closure & Rehab	Abnormal or unplanned events	-1	2	1	3	3	-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	Low -
13.1	All	Impacts on Vegetation and Flora species	Drilling / Survey	Planning	Normal operations or events	-1	2	2	4	3	-2,75	5	-13,75	Medium to high -	-1	2	1	2	2	-1,75	5	-8,8	Medium to high -	Medium	2	2	1,25	-10,94	Medium to high -
13.2	All		Drilling / Survey	Planning	Abnormal or unplanned events	-1	3	2	5	4	-3,5	4	-14	High -	-1	2	1	3	3	-2,25	4	-9	Medium to high -	Medium	2	2	1,25	-11,25	Medium to high -
13.3	Drilling		Rotary-Percussion Drilling	Construction / Operational	Normal operations or events	-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	2	1,25	-4,38	Medium to low -
13.4	Drilling		Percussion Drilling	Construction / Operational	Normal operations or events	-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	2	1,25	-4,38	Medium to low -
13.5	Drilling		Diamond Core Drilling	Construction / Operational	Normal operations or events	-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	2	1,25	-4,38	Medium to low -
13.6	Drilling		Rotary-Percussion Drilling	Construction / Operational	Abnormal or unplanned events	-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	2	1,25	-4,38	Medium to low -
13.7	Drilling		Percussion Drilling	Construction / Operational	Abnormal or unplanned events	-1	2	1	3	2	-2	3	-6	Medium to low -	-1	2	1	2	2	-1,75	2	-3,5	Low -	Medium	2	2	1,25	-4,38	Medium to low -
13.8	Drilling		Diamond Core Drilling	Construction / Operational	Abnormal or unplanned events	-1	2	1	3	2	-2	3	-6	Medium to low -	-1	2	1	2	2	-1,75	2	-3,5	Low -	Medium	2	2	1,25	-4,38	Medium to low -
13.9	Survey		Vibroseis Survey	Construction / Operational	Normal operations or events	-1	2	1	3	2	-2	3	-6	Medium to low -	-1	2	1	2	2	-1,75	2	-3,5	Low -	Medium	2	2	1,25	-4,38	Medium to low -



Identifier	Discipline	Impact	Alternative	Phase	Event	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	Final Significance
13.10	Survey	Impacts on Fauna species	AWD / MT Survey	Construction / Operational	Normal operations or events	-1	2	1	3	2	-2	3	-6	Medium to low -	-1	2	1	2	2	-1,75	2	-3,5	Low -	Medium	2	2	1,25	-4,38	Medium to low -
13.11	Survey		Vibroseis Survey	Construction / Operational	Abnormal or unplanned events	-1	2	1	3	3	-2,25	3	-6,75	Medium to low -	-1	2	1	3	2	-2	2	-4	Low -	Medium	2	2	1,25	-5,00	Medium to low -
13.12	Survey		AWD / MT Survey	Construction / Operational	Abnormal or unplanned events	-1	2	1	3	3	-2,25	3	-6,75	Medium to low -	-1	2	1	3	2	-2	2	-4	Low -	Medium	2	2	1,25	-5,00	Medium to low -
13.13	All		Drilling / Survey	Decommissioning / Closure & Rehab	Normal operations or events	-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	1	1,00	-3,50	Low -
13.14	All		Drilling / Survey	Decommissioning / Closure & Rehab	Abnormal or unplanned events	-1	2	1	3	3	-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	Low -
14.1	All	Impacts on Fauna species	Drilling / Survey	Planning	Normal operations or events	-1	2	2	4	3	-2,75	5	-13,75	Medium to high -	-1	2	1	2	2	-1,75	5	-8,8	Medium to high -	Medium	2	2	1,25	-10,94	Medium to high -
14.2	All		Drilling / Survey	Planning	Abnormal or unplanned events	-1	3	2	5	4	-3,5	4	-14	High -	-1	2	1	3	3	-2,25	4	-9	Medium to high -	Medium	2	2	1,25	-11,25	Medium to high -
14.3	Drilling		Rotary-Percussion Drilling	Construction / Operational	Normal operations or events	-1	2	1	2	2	-1,75	4	-7	Medium to low -	-1	2	1	2	2	-1,75	2	-3,5	Low -	Medium	2	2	1,25	-4,38	Medium to low -
14.4	Drilling		Percussion Drilling	Construction / Operational	Normal operations or events	-1	2	1	2	2	-1,75	4	-7	Medium to low -	-1	2	1	2	2	-1,75	2	-3,5	Low -	Medium	2	2	1,25	-4,38	Medium to low -
14.5	Drilling		Diamond Core Drilling	Construction / Operational	Normal operations or events	-1	2	1	2	2	-1,75	4	-7	Medium to low -	-1	2	1	2	2	-1,75	2	-3,5	Low -	Medium	2	2	1,25	-4,38	Medium to low -
14.6	Drilling		Rotary-Percussion Drilling	Construction / Operational	Abnormal or unplanned events	-1	2	1	4	3	-2,5	3	-7,5	Medium to low -	-1	2	1	3	2	-2	2	-4	Low -	Medium	2	2	1,25	-5,00	Medium to low -
14.7	Drilling		Percussion Drilling	Construction / Operational	Abnormal or unplanned events	-1	2	1	4	3	-2,5	3	-7,5	Medium to low -	-1	2	1	3	2	-2	2	-4	Low -	Medium	2	2	1,25	-5,00	Medium to low -
14.8	Drilling		Diamond Core Drilling	Construction / Operational	Abnormal or unplanned events	-1	2	1	4	3	-2,5	3	-7,5	Medium to low -	-1	2	1	3	2	-2	2	-4	Low -	Medium	2	2	1,25	-5,00	Medium to low -
14.9	Survey		Vibroseis Survey	Construction / Operational	Normal operations or events	-1	2	1	3	2	-2	3	-6	Medium to low -	-1	2	1	2	2	-1,75	2	-3,5	Low -	Medium	2	2	1,25	-4,38	Medium to low -
14.10	Survey		AWD / MT Survey	Construction / Operational	Normal operations or events	-1	2	1	3	2	-2	3	-6	Medium to low -	-1	2	1	2	2	-1,75	2	-3,5	Low -	Medium	2	2	1,25	-4,38	Medium to low -
14.11	Survey		Vibroseis Survey	Construction / Operational	Abnormal or unplanned events	-1	2	1	3	3	-2,25	3	-6,75	Medium to low -	-1	2	1	3	2	-2	2	-4	Low -	Medium	2	2	1,25	-5,00	Medium to low -
14.12	Survey		AWD / MT Survey	Construction / Operational	Abnormal or unplanned events	-1	2	1	3	3	-2,25	3	-6,75	Medium to low -	-1	2	1	3	2	-2	2	-4	Low -	Medium	2	2	1,25	-5,00	Medium to low -
14.13	All		Drilling / Survey	Decommissioning / Closure & Rehab	Normal operations or events	-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	1	1,00	-3,50	Low -
14.14	All		Drilling / Survey	Decommissioning / Closure & Rehab	Abnormal or unplanned events	-1	2	1	3	3	-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	Low -
15.1	All	Disturbance / Destruction of Heritage Features	Drilling / Survey	Planning	Normal operations or events	-1	5	5	4	5	-4,75	3	-14,25	High -	-1	3	4	4	5	-4	2	-8	Medium to low -	Medium	2	3	1,38	-11,00	Medium to high -
15.2	All		Drilling / Survey	Planning	Abnormal or unplanned events	-1	5	5	4	5	-4,75	4	-19	High -	-1	4	4	4	5	-4,25	2	-8,5	Medium to low -	Medium	2	3	1,38	-11,69	Medium to high -
15.3	Drilling		Rotary-Percussion Drilling	Construction / Operational	Normal operations or events	-1	5	5	4	5	-4,75	2	-9,5	Medium to high -	-1	3	4	3	5	-3,75	2	-7,5	Medium to low -	Medium	2	3	1,38	-10,31	Medium to high -
15.4	Drilling		Percussion Drilling	Construction / Operational	Normal operations or events	-1	5	5	4	5	-4,75	2	-9,5	Medium to high -	-1	3	4	3	5	-3,75	2	-7,5	Medium to low -	Medium	2	3	1,38	-10,31	Medium to high -
15.5	Drilling		Diamond Core Drilling	Construction / Operational	Normal operations or events	-1	5	5	4	5	-4,75	2	-9,5	Medium to high -	-1	3	4	3	5	-3,75	2	-7,5	Medium to low -	Medium	2	3	1,38	-10,31	Medium to high -
15.6	Drilling		Rotary-Percussion Drilling	Construction / Operational	Abnormal or unplanned events	-1	5	5	4	5	-4,75	2	-9,5	Medium to high -	-1	4	4	3	5	-4	2	-8	Medium to low -	Medium	2	3	1,38	-11,00	Medium to high -
15.7	Drilling		Percussion Drilling	Construction / Operational	Abnormal or unplanned events	-1	5	5	4	5	-4,75	2	-9,5	Medium to high -	-1	4	4	4	5	-4,25	2	-8,5	Medium to low -	Medium	2	3	1,38	-11,69	Medium to high -
15.8	Drilling		Diamond Core Drilling	Construction / Operational	Abnormal or unplanned events	-1	5	5	4	5	-4,75	2	-9,5	Medium to high -	-1	4	4	4	5	-4,25	2	-8,5	Medium to low -	Medium	2	3	1,38	-11,69	Medium to high -
15.9	Survey		Vibroseis Survey	Construction / Operational	Normal operations or events	-1	5	5	4	5	-4,75	3	-14,25	High -	-1	3	4	4	5	-4	2	-8	Medium to low -	Medium	2	3	1,38	-11,00	Medium to high -
15.10	Survey		AWD / MT Survey	Construction / Operational	Normal operations or events	-1	5	5	4	5	-4,75	3	-14,25	High -	-1	3	4	3	5	-3,75	2	-7,5	Medium to low -	Medium	2	3	1,38	-10,31	Medium to high -
15.11	Survey		Vibroseis Survey	Construction / Operational	Abnormal or unplanned events	-1	5	5	4	5	-4,75	3	-14,25	High -	-1	4	4	4	5	-4,25	2	-8,5	Medium to low -	Medium	2	3	1,38	-11,69	Medium to high -
15.12	Survey		AWD / MT Survey	Construction / Operational	Abnormal or unplanned events	-1	5	5	4	5	-4,75	3	-14,25	High -	-1	4	4	3	5	-4	2	-8	Medium to low -	Medium	2	3	1,38	-11,00	Medium to high -
15.13	All		Drilling / Survey	Decommissioning / Closure & Rehab	Normal operations or events	-1	5	5	4	5	-4,75	2	-9,5	Medium to high -	-1	4	4	3	5	-4	2	-8	Medium to low -	Medium	1	3	1,25	-10,00	Medium to high -
15.14	All		Drilling / Survey	Decommissioning / Closure & Rehab	Abnormal or unplanned events	-1	5	5	4	5	-4,75	3	-14,25	High -	-1	3	4	4	5	-4	2	-8	Medium to low -	Low	1	3	1,25	-10,00	Medium to high -
16.1	All	al Features	Drilling / Survey	Planning	Normal operations or events	-1	4	5	4	5	-4,5	3	-13,5	Medium to high -	-1	3	4	4	5	-4	2	-8	Medium to low -	Medium	1	3	1,25	-10,00	Medium to high -
16.2	All		Drilling / Survey	Planning	Abnormal or unplanned events	-1	4	5	4	5	-4,5	4	-18	High -	-1	4	4	4	5	-4,25	2	-8,5	Medium to low -	Medium	1	3	1,25	-10,63	Medium to high -
16.3	Drilling		Rotary-Percussion Drilling	Construction / Operational	Normal operations or events	-1	4	5	4	5	-4,5	3	-13,5	Medium to high -	-1	3	4	3	5	-3,75	2	-7,5	Medium to low -	Medium	1	3	1,25	-9,38	Medium to high -
16.4	Drilling		Percussion Drilling	Construction / Operational	Normal operations or events	-1	4	5	4	5	-4,5	3	-13,5	Medium to high -	-1	3	4	3	5	-3,75	2	-7,5	Medium to low -	Medium	1	3	1,25	-9,38	Medium to high -



Identifier	Discipline	Impact	Alternative	Phase	Event	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	Final Significance
16.5	Drilling	Disturbance / Destruction of Palaeontologic	Diamond Core Drilling	Construction / Operational	Normal operations or events	-1	4	5	4	5	-4,5	3	-13,5	Medium to high -	-1	3	4	3	5	-3,75	2	-7,5	Medium to low -	Medium	1	3	1,25	-9,38	Medium to high -
16.6	Drilling		Rotary-Per percussion Drilling	Construction / Operational	Abnormal or unplanned events	-1	4	5	4	5	-4,5	3	-13,5	Medium to high -	-1	4	4	3	5	-4	2	-8	Medium to low -	Medium	1	3	1,25	-10,00	Medium to high -
16.7	Drilling		Per cussion Drilling	Construction / Operational	Abnormal or unplanned events	-1	4	5	4	5	-4,5	3	-13,5	Medium to high -	-1	4	4	4	5	-4,25	2	-8,5	Medium to low -	Medium	1	3	1,25	-10,63	Medium to high -
16.8	Drilling		Diamond Core Drilling	Construction / Operational	Abnormal or unplanned events	-1	4	5	4	5	-4,5	3	-13,5	Medium to high -	-1	4	4	4	5	-4,25	2	-8,5	Medium to low -	Medium	1	3	1,25	-10,63	Medium to high -
16.9	Survey		Vibroseis Survey	Construction / Operational	Normal operations or events	-1	4	4	4	5	-4,25	2	-8,5	Medium to low -	-1	3	4	3	5	-3,75	2	-7,5	Medium to low -	Medium	1	3	1,25	-9,38	Medium to high -
16.10	Survey		AWD / MT Survey	Construction / Operational	Normal operations or events	-1	4	4	4	5	-4,25	2	-8,5	Medium to low -	-1	3	4	4	5	-4	2	-8	Medium to low -	Medium	1	3	1,25	-10,00	Medium to high -
16.11	Survey		Vibroseis Survey	Construction / Operational	Abnormal or unplanned events	-1	4	5	4	5	-4,5	2	-9	Medium to high -	-1	4	4	4	5	-4,25	2	-8,5	Medium to low -	Medium	1	3	1,25	-10,63	Medium to high -
16.12	Survey		AWD / MT Survey	Construction / Operational	Abnormal or unplanned events	-1	4	5	4	5	-4,5	2	-9	Medium to high -	-1	4	4	3	5	-4	2	-8	Medium to low -	Medium	1	3	1,25	-10,00	Medium to high -
16.13	All		Drilling / Survey	Decommissioning / Closure & Rehab	Normal operations or events	-1	4	5	4	5	-4,5	2	-9	Medium to high -	-1	4	4	3	5	-4	2	-8	Medium to low -	Medium	1	3	1,25	-10,00	Medium to high -
16.14	All		Drilling / Survey	Decommissioning / Closure & Rehab	Abnormal or unplanned events	-1	4	5	4	5	-4,5	3	-13,5	Medium to high -	-1	3	4	4	5	-4	2	-8	Medium to low -	Low	1	3	1,25	-10,00	Medium to high -
17.1	All	Impacts on Traffic and road infrastructure	Drilling / Survey	Planning	Normal operations or events	-1	3	2	3	3	-2,75	3	-8,25	Medium to low -	-1	2	1	2	2	-1,75	2	-3,5	Low -	Medium	1	1	1,00	-3,50	Low -
17.2	All		Drilling / Survey	Planning	Abnormal or unplanned events	-1	3	2	4	3	-3	3	-9	Medium to high -	-1	2	1	3	2	-2	2	-4	Low -	Medium	1	1	1,00	-4,00	Low -
17.3	Drilling		Rotary-Per cussion Drilling	Construction / Operational	Normal operations or events	-1	3	2	3	3	-2,75	2	-5,5	Medium to low -	-1	2	1	2	2	-1,75	2	-3,5	Low -	Medium	1	1	1,00	-3,50	Low -
17.4	Drilling		Per cussion Drilling	Construction / Operational	Normal operations or events	-1	3	2	3	3	-2,75	2	-5,5	Medium to low -	-1	2	1	2	2	-1,75	2	-3,5	Low -	Medium	1	1	1,00	-3,50	Low -
17.5	Drilling		Diamond Core Drilling	Construction / Operational	Normal operations or events	-1	3	2	3	3	-2,75	2	-5,5	Medium to low -	-1	2	1	2	2	-1,75	2	-3,5	Low -	Medium	1	1	1,00	-3,50	Low -
17.6	Drilling		Rotary-Per cussion Drilling	Construction / Operational	Abnormal or unplanned events	-1	3	2	3	3	-2,75	2	-5,5	Medium to low -	-1	2	1	3	2	-2	2	-4	Low -	Medium	1	1	1,00	-4,00	Low -
17.7	Drilling		Per cussion Drilling	Construction / Operational	Abnormal or unplanned events	-1	3	2	3	3	-2,75	2	-5,5	Medium to low -	-1	2	1	3	2	-2	2	-4	Low -	Medium	1	1	1,00	-4,00	Low -
17.8	Drilling		Diamond Core Drilling	Construction / Operational	Abnormal or unplanned events	-1	3	2	3	3	-2,75	2	-5,5	Medium to low -	-1	2	1	3	2	-2	2	-4	Low -	Medium	1	1	1,00	-4,00	Low -
17.9	Survey		Vibroseis Survey	Construction / Operational	Normal operations or events	-1	3	2	3	3	-2,75	2	-5,5	Medium to low -	-1	2	1	2	2	-1,75	2	-3,5	Low -	Medium	1	1	1,00	-3,50	Low -
17.10	Survey		AWD / MT Survey	Construction / Operational	Normal operations or events	-1	3	2	3	3	-2,75	2	-5,5	Medium to low -	-1	2	1	2	2	-1,75	2	-3,5	Low -	Medium	1	1	1,00	-3,50	Low -
17.11	Survey		Vibroseis Survey	Construction / Operational	Abnormal or unplanned events	-1	3	2	3	3	-2,75	2	-5,5	Medium to low -	-1	2	1	3	2	-2	2	-4	Low -	Medium	1	1	1,00	-4,00	Low -
17.12	Survey		AWD / MT Survey	Construction / Operational	Abnormal or unplanned events	-1	3	2	3	3	-2,75	2	-5,5	Medium to low -	-1	2	1	3	2	-2	2	-4	Low -	Medium	1	1	1,00	-4,00	Low -
17.13	All		Drilling / Survey	Decommissioning / Closure & Rehab	Normal operations or events	-1	3	2	3	3	-2,75	2	-5,5	Medium to low -	-1	2	1	2	2	-1,75	2	-3,5	Low -	Medium	1	1	1,00	-3,50	Low -
17.14	All		Drilling / Survey	Decommissioning / Closure & Rehab	Abnormal or unplanned events	-1	3	2	3	3	-2,75	3	-8,25	Medium to low -	-1	2	1	3	2	-2	2	-4	Low -	Medium	1	1	1,00	-4,00	Low -
18.1	All	Stakeholder Fatigue / Public Participation Fatigue	Drilling / Survey	Planning	Normal operations or events	-1	4	1	3	2	-2,5	3	-7,5	Medium to low -	-1	2	1	2	2	-1,75	2	-3,5	Low -	Medium	3	1	1,25	-4,38	Medium to low -
18.2	All		Drilling / Survey	Planning	Abnormal or unplanned events	-1	4	1	4	2	-2,75	3	-8,25	Medium to low -	-1	2	1	3	2	-2	2	-4	Low -	Medium	3	1	1,25	-5,00	Medium to low -
18.3	Drilling		Rotary-Per cussion Drilling	Construction / Operational	Normal operations or events	-1	2	1	2	2	-1,75	2	-3,5	Low -	-1	2	1	1	2	-1,5	2	-3	Low -	Medium	3	1	1,25	-3,75	Low -
18.4	Drilling		Per cussion Drilling	Construction / Operational	Normal operations or events	-1	2	1	2	2	-1,75	2	-3,5	Low -	-1	2	1	1	2	-1,5	2	-3	Low -	Medium	3	1	1,25	-3,75	Low -
18.5	Drilling		Diamond Core Drilling	Construction / Operational	Normal operations or events	-1	2	1	2	2	-1,75	2	-3,5	Low -	-1	2	1	1	2	-1,5	2	-3	Low -	Medium	3	1	1,25	-3,75	Low -
18.6	Drilling		Rotary-Per cussion Drilling	Construction / Operational	Abnormal or unplanned events	-1	2	1	3	2	-2	2	-4	Low -	-1	2	1	2	2	-1,75	2	-3,5	Low -	Medium	3	1	1,25	-4,38	Medium to low -
18.7	Drilling		Per cussion Drilling	Construction / Operational	Abnormal or unplanned events	-1	2	1	3	2	-2	2	-4	Low -	-1	2	1	2	2	-1,75	2	-3,5	Low -	Medium	3	1	1,25	-4,38	Medium to low -
18.8	Drilling		Diamond Core Drilling	Construction / Operational	Abnormal or unplanned events	-1	2	1	3	2	-2	2	-4	Low -	-1	2	1	2	2	-1,75	2	-3,5	Low -	Medium	3	1	1,25	-4,38	Medium to low -
18.9	Survey		Vibroseis Survey	Construction / Operational	Normal operations or events	-1	2	1	2	2	-1,75	2	-3,5	Low -	-1	2	1	1	2	-1,5	2	-3	Low -	Medium	3	1	1,25	-3,75	Low -
18.10	Survey		AWD / MT Survey	Construction / Operational	Normal operations or events	-1	2	1	2	2	-1,75	2	-3,5	Low -	-1	2	1	1	2	-1,5	2	-3	Low -	Medium	3	1	1,25	-3,75	Low -
18.11	Survey		Vibroseis Survey	Construction / Operational	Abnormal or unplanned events	-1	2	1	3	2	-2	2	-4	Low -	-1	2	1	2	2	-1,75	2	-3,5	Low -	Medium	3	1	1,25	-4,38	Medium to low -
18.12	Survey		AWD / MT Survey	Construction / Operational	Abnormal or unplanned events	-1	2	1	3	2	-2	2	-4	Low -	-1	2	1	2	2	-1,75	2	-3,5	Low -	Medium	3	1	1,25	-4,38	Medium to low -
18.13	All		Drilling / Survey	Decommissioning / Closure & Rehab	Normal operations or events	-1	2	1	2	2	-1,75	2	-3,5	Low -	-1	2	1	2	2	-1,75	2	-3,5	Low -	High	2	1	1,13	-3,94	Low -



Identifier	Discipline	Impact	Alternative	Phase	Event	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	Final Significance
18.14	All		Drilling / Survey	Decommissioning / Closure & Rehab	Abnormal or unplanned events	-1	2	1	3	3	-2,25	2	-4,5	Medium to low -	-1	2	1	3	2	-2	2	-4	Low -	Medium	2	1	1,13	-4,50	Medium to low -
19.1	All	Upliftment of Communities / Employment Opportunities	Drilling / Survey	Planning	Normal operations or events	1	3	1	3	2	2,25	3	6,75	Low to medium +	1	3	1	3	2	2,25	3	6,75	Low to medium +	Medium	3	1	1,25	8,44	Medium to low +
19.2	All		Drilling / Survey	Planning	Abnormal or unplanned events	1	3	1	4	2	2,5	3	7,5	Low to medium +	1	3	1	4	2	2,5	3	7,5	Low to medium +	Medium	3	1	1,25	9,38	Medium to high +
19.3	Drilling		Rotary-Percussion Drilling	Construction / Operational	Normal operations or events	1	2	1	2	2	1,75	2	3,5	Low +	1	2	1	1	2	1,5	2	3	Low +	Medium	3	1	1,25	3,75	Low +
19.4	Drilling		Percussion Drilling	Construction / Operational	Normal operations or events	1	2	1	2	2	1,75	2	3,5	Low +	1	2	1	1	2	1,5	2	3	Low +	Medium	3	1	1,25	3,75	Low +
19.5	Drilling		Diamond Core Drilling	Construction / Operational	Normal operations or events	1	2	1	2	2	1,75	2	3,5	Low +	1	2	1	1	2	1,5	2	3	Low +	Medium	3	1	1,25	3,75	Low +
19.6	Drilling		Rotary-Percussion Drilling	Construction / Operational	Abnormal or unplanned events	1	2	1	3	2	2	2	4	Low +	1	2	1	2	2	1,75	2	3,5	Low +	Medium	3	1	1,25	4,38	Medium to low +
19.7	Drilling		Percussion Drilling	Construction / Operational	Abnormal or unplanned events	1	2	1	3	2	2	2	4	Low +	1	2	1	2	2	1,75	2	3,5	Low +	Medium	3	1	1,25	4,38	Medium to low +
19.8	Drilling		Diamond Core Drilling	Construction / Operational	Abnormal or unplanned events	1	2	1	3	2	2	2	4	Low +	1	2	1	2	2	1,75	2	3,5	Low +	Medium	3	1	1,25	4,38	Medium to low +
19.9	Survey		Vibroseis Survey	Construction / Operational	Normal operations or events	1	2	1	2	2	1,75	2	3,5	Low +	1	2	1	1	2	1,5	2	3	Low +	Medium	3	1	1,25	3,75	Low +
19.10	Survey		AWD / MT Survey	Construction / Operational	Normal operations or events	1	2	1	2	2	1,75	2	3,5	Low +	1	2	1	1	2	1,5	2	3	Low +	Medium	3	1	1,25	3,75	Low +
19.11	Survey		Vibroseis Survey	Construction / Operational	Abnormal or unplanned events	1	2	1	3	2	2	2	4	Low +	1	2	1	2	2	1,75	2	3,5	Low +	Medium	3	1	1,25	4,38	Medium to low +
19.12	Survey		AWD / MT Survey	Construction / Operational	Abnormal or unplanned events	1	2	1	3	2	2	2	4	Low +	1	2	1	2	2	1,75	2	3,5	Low +	Medium	3	1	1,25	4,38	Medium to low +
19.13	All		Drilling / Survey	Decommissioning / Closure & Rehab	Normal operations or events	-1	2	1	2	2	-1,75	2	-3,5	Low -	-1	2	1	2	2	-1,75	2	-3,5	Low -	High	2	1	1,13	-3,94	Low -
19.14	All		Drilling / Survey	Decommissioning / Closure & Rehab	Abnormal or unplanned events	-1	2	1	3	3	-2,25	2	-4,5	Medium to low -	-1	2	1	3	2	-2	2	-4	Low -	Medium	2	1	1,13	-4,50	Medium to low -