

Draft Water Licence Framework Rev0
Attachment B: Draft Water Licence Framework Rev0 Track Change

Part	Item	Sub	Term and Condition Current	Core Licence/ Amend No.	Proposed Changes	Proposed Terms
			COVER SHEET			
Cover Sheet			Licensee: Lupin Mines Incorporated Mailing Address: 1204 – 700 West Pender St, Vancouver, BC V6C 0A3 Water Management Area: Queen Maud Gulf Watershed (30) Location: Lupin Mine, Kitikmeot Region, Nunavut Purpose: Use of Water and Deposit of Waste Description: Mining Undertaking: Care and Maintenance Phase and Transition Phase Quantity of Water not to Exceeded: 5,000 cubic metres per year during Care & Maintenance phase or 500,000 cubic metres per year during Transition Phase	Core	Licensee: Lupin Mines Incorporated Mailing Address: 4204 — 700 West Pender St, Vancouver, BC V6C 0A3 76 Richmond Street East, Suite 330, Toronto, ON M5C 1P1 Water Management Area: Queen Maud Gulf Watershed (30) Location: Lupin Mine, Kitikmeot Region, Nunavut Purpose: Use of Water and Deposit of Waste Description: Mining Undertaking: Care and Maintenance Phase and Transition Phase Closure and Reclamation Quantity of Water not to Exceeded: 5,000 cubic metres per year during Care & Maintenance Phase and/or passive Post Closure Phase or 250,025 500,000 cubic metres per year during active Closure Transition Phase	Licensee: Lupin Mines Incorporated Mailing Address: 76 Richmond Street East, Suite 330, Toronto, ON M5C 1P1 Water Management Area: Queen Maud Gulf Watershed (30) Location: Lupin Mine, Kitikmeot Region, Nunavut Purpose: Use of Water and Deposit of Waste Description: Mining Undertaking: Care and Maintenance Phase and Closure and Reclamation Quantity of Water not to Exceeded: 5,000 cubic metres per year during Care & Maintenance Phase and/or passive Post Closure Phase or 250,025 cubic metres per year during active Closure Phase
A			SCOPE, DEFINITIONS AND ENFORCEMENT	Core	No Change	SCOPE, DEFINITIONS AND ENFORCEMENT
A	1		Scope	Core	No Change	Scope
A	1	a	This Licence authorizes Lupin Mines Incorporated (LMI or the Licensee) to use Water and deposit Waste during activities and undertakings carried out in support of the Care and Maintenance Phase and the Transition Phase at the Lupin Mine (Lupin or the Project), for an undertaking categorized as Mining under <i>Schedule 1</i> of the Regulations. The Project is located on the west shore of Contwoyto Lake, approximately 285 kilometres southeast of Kugluktuk, within the Kitikmeot Region, Nunavut, at the following general geographical coordinates: Latitude: 65° 46' N and Longitude: 111° 14' W.	Core	This Licence authorizes Lupin Mines Incorporated (LMI or the Licensee) to use Water and deposit Waste during activities and undertakings carried out in support of the Care and Maintenance Phase and the Transition Phase at Closure and Reclamation Phase of the Lupin Mine (Lupin or the Project), for an undertaking categorized as Mining under <i>Schedule 1</i> of the Regulations. The Project is located on the west shore of Contwoyto Lake, approximately 285 kilometres southeast of Kugluktuk, within the Kitikmeot Region, Nunavut, at the following general geographical coordinates: Latitude: 65° 46' N and Longitude: 111° 14' W.	This Licence authorizes Lupin Mines Incorporated (LMI or the Licensee) to use Water and deposit Waste during activities and undertakings carried out in support of the Care and Maintenance Phase and Closure and Reclamation Phase of the Lupin Mine (Lupin or the Project), for an undertaking categorized as Mining under <i>Schedule 1</i> of the Regulations. The Project is located on the west shore of Contwoyto Lake, approximately 285 kilometres southeast of Kugluktuk, within the Kitikmeot Region, Nunavut, at the following general geographical coordinates: Latitude: 65° 46' N and Longitude: 111° 14' W.

DRAFT

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			<p>Lupin Mines Incorporated is authorised to undertake the following activities during the Care and Maintenance Phase and Transition Phase of the Project:</p> <ul style="list-style-type: none">■ Use Water in accordance with thresholds established for each respective phases of the project;■ Deposit of tailings slurry into the Tailings Containment Area (TCA);■ Deposit of tailings paste into underground works;■ Deposit and treatment of Sewage into the Sewage Disposal Facilities;■ Discharge of Effluent from Tailing Containment Area (TCA);■ Discharge of Effluent from Sewage Disposal Facilities;■ Progressive Abandonment and Reclamation of Mine facilities;■ Carryout the required Monitoring Program;■ Care and Maintenance of site facilities and infrastructure, including:<ul style="list-style-type: none">▪ Mining and Milling structures▪ Water Supply Facility▪ Mine site camp facilities▪ Tailings Containment Area (TCA)▪ Tailings Line and associated facilities▪ Sewage Disposal Facilities▪ Mine site roads▪ Mine site airstrip▪ Breakwater and Causeway▪ Fuel Storage Facilities		<p>Lupin Mines Incorporated is authorised to undertake final reclamation and restoration of on -site facilities in accordance with the Final Closure and Reclamation Plan and Final Closure and Reclamation Plan for the Tailings Containment Area during the Closure and Post Closure Phase and continue to implement progressive reclamation in accordance with Care and Maintenance Plan for the Project. he the following activities during the Care and Maintenance Phase and Transition Closure and Reclamation Phase of the Project.</p> <ul style="list-style-type: none">■ Use Water in accordance with thresholds established for each respective phases of the project;■ Deposit of tailings slurry into the Tailings Containment Area (TCA);■ Deposit of tailings paste into underground works;■ Deposit and treatment of Sewage into the Sewage Disposal Facilities;■ Discharge of Effluent from Tailing Containment Area (TCA);■ Discharge of Effluent from Sewage Disposal Facilities;■ Progressive Abandonment and Reclamation of Mine facilities;■ Carryout the required Monitoring Program;■ Care and Maintenance of site facilities and infrastructure, including:<ul style="list-style-type: none">▪ Mining and Milling structures▪ Water Supply Facility▪ Mine site camp facilities▪ Tailings Containment Area (TCA)▪ Tailings Line and associated facilities	<p>Lupin Mines Incorporated is authorised to undertake final reclamation and restoration of on -site facilities in accordance with the Final Closure and Reclamation Plan and Final Closure and Reclamation Plan for the Tailings Containment Area during the Closure and Post Closure Phase and continue to implement progressive reclamation in accordance with Care and Maintenance Plan for the Project.</p>

DRAFT

Part	Item	Sub	Term and Condition Current	Core Licence/ Amend No.	Proposed Changes	Proposed Terms
			<ul style="list-style-type: none"> Construct and Operate an on-site Landfarm Facility to treat petroleum hydrocarbon contaminated soils generated by the Project; Changes to the frequency at which inspections of site infrastructure and site facilities are conducted to levels that are commensurate with the Care and Maintenance Phase and Transition Phase of the Project; Changes to the Monitoring Program associated with the Project to include minor updates to the description of monitoring stations, minor reductions and increases in the type of parameters being monitored and the frequency at which specific parameters are being monitored Changes in the frequency at which updated financial reclamation security assessments for the project must be submitted to the Board for review and/or approval; and Use of an existing or historical, on-site Landfill Facility to dispose of non- hazardous and non-combustible Waste generated by the Project. 		<ul style="list-style-type: none"> Sewage Disposal Facilities Mine site roads Mine site airstrip Breakwater and Causeway Fuel Storage Facilities Construct and Operate an on-site Landfarm Facility to treat petroleum hydrocarbon contaminated soils generated by the Project; Changes to the frequency at which inspections of site infrastructure and site facilities are conducted to levels that are commensurate with the Care and Maintenance Phase and Transition Phase of the Project; Changes to the Monitoring Program associated with the Project to include minor updates to the description of monitoring stations, minor reductions and increases in the type of parameters being monitored and the frequency at which specific parameters are being monitored Changes in the frequency at which updated financial reclamation security assessments for the project must be submitted to the Board for review and/or approval; and Use of an existing or historical, on-site Landfill Facility to dispose of non- hazardous and non-combustible Waste generated by the Project. 	
A	1	b	This Licence is issued subject to conditions contained herein with respect to the use of Water and the deposit of Waste of any type, in any Waters or in any place under any conditions where such Waste or any other Waste that results from the deposits of such Waste may enter any Waters. Whenever new Regulations are made or existing Regulations are amended by the Governor in Council under the Act, or other statutes imposing more stringent	Core	<i>No Change</i>	This Licence is issued subject to conditions contained herein with respect to the use of Water and the deposit of Waste of any type, in any Waters or in any place under any conditions where such Waste or any other Waste that results from the deposits of such Waste may enter any Waters. Whenever new Regulations are made or existing Regulations are amended by the Governor in Council under the Act, or other statutes imposing more stringent

DRAFT

Part	Item	Sub	Term and Condition Current	Core Licence/ Amend No.	Proposed Changes	Proposed Terms
			conditions relating to the quantity, type or manner under which any such Waste may be so deposited, this Licence shall be deemed to be subject to such requirements.			conditions relating to the quantity, type or manner under which any such Waste may be so deposited, this Licence shall be deemed to be subject to such requirements.
A	1	c	Compliance with the terms and conditions of this Licence does not absolve the Licensee from the responsibility for compliance with all applicable legislation, guidelines and directives.	Core	<i>No Change</i>	Compliance with the terms and conditions of this Licence does not absolve the Licensee from the responsibility for compliance with all applicable legislation, guidelines and directives.
A	2		DEFINITIONS	Core	<i>No Change</i>	DEFINITIONS
A	2	a	The Licensee shall refer to Schedule A for definitions of terms used in this Licence.	Core	<i>No Change</i>	The Licensee shall refer to Schedule A for definitions of terms used in this Licence.
A	3		ENFORCEMENT	Core	<i>No Change</i>	ENFORCEMENT
A	3	a	Failure to comply with this Licence may be a violation of the Act, subjecting the Licensee to the enforcement measures and the penalties provided for in the Act.	Core	<i>No Change</i>	Failure to comply with this Licence may be a violation of the Act, subjecting the Licensee to the enforcement measures and the penalties provided for in the Act.
A	3	b	All inspection and enforcement services regarding this Licence will be provided by Inspectors appointed under the Act.	Core	<i>No Change</i>	All inspection and enforcement services regarding this Licence will be provided by Inspectors appointed under the Act.
A	3	c	For the purpose of enforcing this Licence and with respect to the use of Water and deposit of Waste by the Licensee. Inspectors appointed under the Act hold all powers, privileges and protections that are conferred upon them by the Act or by other applicable laws.	Core	<i>No Change</i>	For the purpose of enforcing this Licence and with respect to the use of Water and deposit of Waste by the Licensee. Inspectors appointed under the Act hold all powers, privileges and protections that are conferred upon them by the Act or by other applicable laws.
B			GENERAL CONDITIONS	Core	<i>No Change</i>	GENERAL CONDITIONS
B	1		The Water use fees, payable to the Receiver General for Canada, shall be sent to the Board annually for the rights to the use of Waters in accordance with section 12 of the <i>Regulations</i> . Fees, which must be paid in advance, for the rights to use of Waters during the Care and Maintenance Phase and the Transition Phase of the Project, shall be based on maximum Water volumes authorized under Part D, Item 2, and Part D, Item 3 of the Licence, respectively.	Core	The amount of Water use fees, payable to the Receiver General for Canada, shall be sent to the Board annually for the rights to the use of Waters shall be determined, and payment of those fees shall be made in accordance with section 12 of the <i>Regulations</i> . Fees, which must be paid in advance, for the rights to use of Waters during the Care and Maintenance Phase and the Transition Phase of the Project, shall be based on maximum Water volumes authorized under Part D, Item 2, and Part D, Item 3 of the Licence, respectively.	The amount of Water use fees shall be determined, and payment of those fees shall be made in accordance with section 12 of the <i>Regulations</i> .

DRAFT

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B	2		The Licensee shall file an Annual Report with the Board no later than the 31st of March, of the year following the calendar year being reported. The Annual Report for the project shall be developed and submitted in accordance with Schedule B of the Licence, unless otherwise approved by the Board in writing.	Core	The Licensee shall file an Annual Report with the Board no later than the 31st of March 31st in , of the year following the calendar year being reported. The Annual Report for the project shall be developed and submitted in accordance with Schedule B of the Licence, unless otherwise approved by the Board in writing.	The Licensee shall file an Annual Report with the Board no later than March 31st in the year following the calendar year being reported. The Annual Report for shall be developed and submitted in accordance with Schedule B of the Licence, unless otherwise approved by the Board in writing.
B	3		The Licensee shall, install, operate and maintain meters, devices or other such methods used for measuring the volumes of Water used and Waste discharged to the satisfaction of an Inspector.	Core	No Change	The Licensee shall, install, operate and maintain meters, devices or other such methods used for measuring the volumes of Water used and Waste discharged to the satisfaction of an Inspector.
B	4		The Licensee shall maintain to the satisfaction of an Inspector, all the signs necessary to identify the stations of the "Monitoring Program", detailed in Schedule J.	Core	No Change	The Licensee shall maintain to the satisfaction of an Inspector, all the signs necessary to identify the stations of the "Monitoring Program", detailed in Schedule J.
B	5		The Licensee shall maintain a copy of this Licence at the site of operation at all times in English, Inuinnaqtun and Inuktitut.	Core	The Licensee shall retain and have maintain a copy of this Licence available at the site of operations at all times in English, Inuinnaqtun and Inuktitut.	
B	6		Any communication with respect to this Licence shall be made in writing to the attention of: Manager of Licensing Nunavut Water Board P. O. Box 119 Gjoa Haven, NU X0B 1J0 Telephone: (867) 360-6338 Fax: (867) 360-6369 Email: licensing@nwb-oen.ca	Core	No Change	Any communication with respect to this Licence shall be made in writing to the attention of: Manager of Licensing Nunavut Water Board P. O. Box 119 Gjoa Haven, NU X0B 1J0 Telephone: (867) 360-6338 Fax: (867) 360-6369 Email: licensing@nwb-oen.ca
B	7		Any notice made to an Inspector shall be made in writing to the attention of: Water Resources Officer Aboriginal Affairs and Northern Development Canada Nunavut District, Nunavut Region P.O. Box 100 Iqaluit, NU X0A 0H0 Telephone: (867) 975-4295 Fax: (867) 979-6445	Core	No Change	Any notice made to an Inspector shall be made in writing to the attention of: Water Resources Officer Aboriginal Affairs and Northern Development Canada Nunavut District, Nunavut Region P.O. Box 100 Iqaluit, NU X0A 0H0 Telephone: (867) 975-4295 Fax: (867) 979-6445
B	8		The Licensee shall submit one (1) paper copy and one (1) electronic copy of all reports, studies, and plans required under this Licence. Reports and/or studies and plans	Core	The Licensee shall submit one (1) paper copy and one (1) electronic copy of all reports, studies, and plans required under this Licence unless otherwise requested by the	The Licensee shall submit one (1) electronic copy of all reports, studies, and plans required under this Licence unless otherwise requested by the Board. Unless

DRAFT

Part	Item	Sub	Term and Condition Current	Core Licence/ Amend No.	Proposed Changes	Proposed Terms
			submitted to the Board by the Licensee shall include an executive summary in English, Inuinnaqtun and Inuktitut.		Board. Unless otherwise requested by the Board, R reports and/or studies and plans submitted to the Board by the Licensee shall include an executive summary in English, Inuinnaqtun and Inuktitut.	otherwise requested by the Board, reports and/or studies and plans submitted to the Board by the Licensee shall include an executive summary in English, Inuinnaqtun and Inuktitut.
B	9		The Licensee shall ensure that any document or correspondence submitted by the Licensee to the Board is received and acknowledged by the Manager of Licensing.	Core	The Licensee shall ensure that any document(s) or correspondence submitted by the Licensee to the Board is received and acknowledged by the Manager of Licensing.	The Licensee shall ensure that any document(s) or correspondence submitted by the Licensee to the Board is received and acknowledged by the Manager of Licensing.
B	10		This Licence is assignable as provided in section 44 of the Act.	Core	This Licence is assignable as provided in Section 44 of the Act.	This Licence is assignable as provided in Section 44 of the Act.
B	11		The Licensee shall, for all Plans submitted under this Licence, include a proposed timetable for implementation. Plans submitted that require approval or acceptance, cannot be undertaken without subsequent written Board approval and/or direction. The Board may alter or modify a Plan if necessary to achieve the legislative objectives and will notify the Licensee in writing of acceptance, rejection, or alteration of the Plan. Plans or drawings submitted to the Board for information purposes only, generally do not require the Board's approval prior to implementation; however, the Board reserves the right to accordingly request revisions to those Plans or drawings.	Core	No Change	The Licensee shall, for all Plans submitted under this Licence, include a proposed timetable for implementation. Plans submitted that require approval or acceptance, cannot be undertaken without subsequent written Board approval and/or direction. The Board may alter or modify a Plan if necessary to achieve the legislative objectives and will notify the Licensee in writing of acceptance, rejection, or alteration of the Plan. Plans or drawings submitted to the Board for information purposes only, generally do not require the Board's approval prior to implementation; however, the Board reserves the right to accordingly request revisions to those Plans or drawings.
B	12		In the event that a Plan is found unacceptable to the Board, the Licensee shall provide a revised version of the Plan to the Board for review and/or approval within sixty (60) days following notification by the Board, or within the timeframe specified in Board's notification to the Licensee.	Core	Unless otherwise directed by the Board in writing, if In the event that a Plan is found not unacceptable to the Board, the Licensee shall provide a revised version of the Plan to the Board for review and/or approval within sixty (60) days following notification by the Board. , or within the timeframe specified in Board's notification to the Licensee.	Unless otherwise directed by the Board in writing, if a Plan is found not acceptable to the Board, the Licensee shall provide a revised version of the Plan to the Board for review within sixty (60) days following notification by the Board.
B	13		The Licensee shall, for all Plans submitted under this Licence, implement the Plan as approved by the Board.	Core	No Change	The Licensee shall, for all Plans submitted under this Licence, implement the Plan as approved by the Board.
					New Term	The Board has previously approved the following Plans for implementation under the relevant sections in the Licence: a. Spill Contingency Plan, March 2016; b. Care and Maintenance Plan, March 2016; c. Waste Management Plan (Solid and Hazardous), March 2016, including: Incinerator Operation and

DRAFT

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						<p>Maintenance Procedure; Landfill Management Plan; and Landfarm Management Plan;</p> <p>d. Liquid Waste Management, March, 2016;</p> <p>e. Monitoring and Inspection Schedule, March 2016;</p> <p>f. Water Quality Monitoring Plan and Quality Assurance/Quality Control Plan, March 2016; and</p> <p>g. Closure Plan for Tailing Containment Area, January 2005.</p>
B	14		Every Plan to be carried out pursuant to the terms and conditions of this Licence shall become a part of this Licence, and any additional terms and condition imposed upon the Licensee through the approval of a Plan by the Board, shall become part of this Licence. All terms and conditions of the Licence should be contemplated in the development of a Plan where appropriate.	Core	<i>No Change</i>	Every Plan to be carried out pursuant to the terms and conditions of this Licence shall become a part of this Licence, and any additional terms and condition imposed upon the Licensee through the approval of a Plan by the Board, shall become part of this Licence. All terms and conditions of the Licence should be contemplated in the development of a Plan where appropriate.
B	15		The Licensee shall review the Plans and/or Manuals referred to in this Licence as required by changes in operation and/or technology and modify the Plans and/or Manuals accordingly. Revisions to the Plans or Manuals are to be submitted in the form of an Addendum to be included with the Annual Report required by Part B, Item 2, complete with a revisions list detailing where significant content changes are made.	Core	The Licensee shall review the Plans and/or Manuals referred to in this Licence as required by changes in operation and/or technology and modify the Plans and/or Manuals accordingly. Revisions to the Plans or Manuals are to be submitted in the form of an Addendum to be included with the Annual Report required by Part B, Item 2, complete with a revisions list detailing where significant content changes are made.	The Licensee shall review the Plans referred to in this Licence as required by changes in operation and/or technology and modify the Plans accordingly. Revisions to the Plans are to be submitted in the form of an Addendum to be included with the Annual Report required by Part B, Item 2, complete with a revisions list detailing where significant content changes are made.
B	16		The expiry or cancellation of this Licence does not relieve the Licensee from any obligations imposed by the Licence, or any other regulatory requirement.	Core	<i>No Change</i>	The expiry or cancellation of this Licence does not relieve the Licensee from any obligations imposed by the Licence, or any other regulatory requirement.
B	17		The Licensee shall refer to the Schedules included as appendices in this Licence for instructive details regarding relevant requirements associated with specific terms and conditions in the main body of the Licence as well as for assistance with aspects of clarity and interpretation of respective Licence terms and conditions.	Core	<p>The Licensee shall refer to the Schedules included as appendices in this Licence for instructive details regarding relevant requirements associated with specific terms and conditions in the main body of the Licence as well as for assistance with aspects of clarity and interpretation of respective Licence terms and conditions.</p> <p>attached to included as appendices in this Licence for instructive provide details regarding the relevant requirements associated with specific terms and conditions items in the main body of the Licence and are included in the Schedule to provide greater as well as for assistance with aspects of clarity and as an aid to interpretation of respective for the Licence terms and conditions. If the Board subsequently determines that an item in any of the Schedules requires revision in order to better reflect the intent and objectives of the Licence, the Board may at its discretion, and upon</p>	<p>The Schedules attached to this Licence provide details regarding the requirements associated with specific items in the main body of the Licence and are included in the Schedule to provide greater clarity and as an aid to interpretation for the Licence. If the Board subsequently determines that an item in any of the Schedules requires revision in order to better reflect the intent and objectives of the Licence, the Board may at its discretion, and upon consulting and providing written notice to the Licensee and interested parties, revise the Schedule accordingly. Unless the Board directs otherwise, such revision may not</p>

DRAFT

Part	Item	Sub	Term and Condition Current	Core Licence/ Amend No.	Proposed Changes	Proposed Terms
					consulting and providing written notice to the Licensee and interested parties, revise the Schedule accordingly. Unless the Board directs otherwise, such revision may not necessarily be considered as an “Amendment” to the Licence.	necessarily be considered as an “Amendment” to the Licence.
					<i>New Term</i>	Unless otherwise stated, references in the Licence to any specific legislation, policy, guideline or other regulatory requirement are deemed to refer to the regulatory requirement as may be amended or as may be expressly replaced by successor legislation, policy, guidelines or other regulatory requirement after the Licence is approved by the Minister.
B	18		The Licensee shall submit to the Board for processing, at least nine (9) months prior to the proposed date for recommencing the Operations Phase of the Project and associated activities, an application to renew and/or or amend the Licence that includes but is not limited to updated management plans, any changes to monitoring and inspection requirements, an updated security assessment, and other requirements stipulated in this Licence.	Core	<i>No Change</i>	The Licensee shall submit to the Board for processing, at least nine (9) months prior to the proposed date for recommencing the Operations Phase of the Project and associated activities, an application to renew and/or or amend the Licence that includes but is not limited to updated management plans, any changes to monitoring and inspection requirements, an updated security assessment, and other requirements stipulated in this Licence.
C			CONDITIONS APPLYING TO SECURITY		<i>Refer to Clean Version of DLF</i>	
D			CONDITIONS APPLYING TO WATER USE	Core	<i>No Change</i>	CONDITIONS APPLYING TO WATER USE
D	1		The Licensee shall obtain all fresh Water for the mining undertaking, from Contwoyto Lake, at monitoring station LUP-01 using the Water Supply Facility.	Core	The Licensee shall obtain all fresh Water for the mining undertaking, from Contwoyto Lake, at monitoring station LUP-01 using the Water Supply Facility <i>or as otherwise approved by the Board in writing.</i>	The Licensee shall obtain all fresh Water from Contwoyto Lake, at monitoring station LUP-01 using the Water Supply Facility <i>or as otherwise approved by the Board in writing.</i>
D	2		The annual volume of Water withdrawn from Contwoyto Lake for all uses under this Licence, during the current Care and Maintenance Phase of the Project, shall not exceed 5,000 cubic metres.	Core	The annual volume of Water withdrawn from Contwoyto Lake for all uses under this Licence, during the current Care and Maintenance <i>active Closure</i> Phase of the Project, shall not exceed <i>250,025</i> 500,000 cubic metres.	The annual volume of Water withdrawn from Contwoyto Lake for all uses under this Licence, during the <i>active Closure</i> Phase of the Project, shall not exceed <i>250,025</i> cubic metres.
D	3		The annual volume of Water withdrawn from Contwoyto Lake for all uses under this licence, during the Transition Phase of the Project, shall not exceed 500,000 cubic metres.	Core	The annual volume of Water withdrawn from Contwoyto Lake for all uses under this licence, during the <i>Care and Maintenance and/or passive Post Closure Transition</i> Phase of the Project, shall not exceed 5,000 cubic metres.	The annual volume of Water withdrawn from Contwoyto Lake for all uses under this licence, during the <i>Care and Maintenance and/or passive Post Closure</i> Phase of the Project, shall not exceed 5,000 cubic metres.

DRAFT

Part	Item	Sub	Term and Condition Current	Core Licence/ Amend No.	Proposed Changes	Proposed Terms
D	4		The Licensee shall equip the fresh water intake structure with a screen of an appropriate mesh size to ensure that fish are not entrained and shall withdraw water at a rate such that fish do not become impinged on the screen.	Core	The Licensee shall equip all Water the fresh water intake structure hoses with a screen of an appropriate mesh size to ensure that fish are not entrained and shall withdraw water at a rate such that fish do not become impinged on the screen.	The Licensee shall equip all Water intake hoses with a screen of an appropriate mesh size to ensure that fish are not entrained and shall withdraw water at a rate such that fish do not become impinged on the screen.
D	5		The Licensee shall, during the Care and Maintenance Phase of the Project, conduct inspections of water and Waste management structures on a bi-weekly basis during freshet (approx. May and June), and on a monthly basis during the remainder of the open water period (approx. July - October). All records of the inspections and findings must be maintained for review, upon the request of the Board or an Inspector	Core	The Licensee shall, during the active Closure Care and Maintenance Phase of the Project, conduct regular inspections of Water and Waste management structures during periods of flow on a bi-weekly basis during freshet (approx. May and June), and on a monthly basis during the remainder of the open water period (approx. July - October). All and the records to be kept of the inspections and findings must be maintained for review, upon the request of the Board or an Inspector.	The Licensee shall, during the active Closure Phase, conduct regular inspections of Water and Waste management structures during periods of flow and the records to be kept for review, upon the request of an Inspector.
D	6		The Licensee shall provide at least sixty (60) days' notice to the NWB and an Inspector indicating the date on which the project will shift from the Care and Maintenance Phase to the Transition Phase. The notice shall include, at a minimum, the duration of the Transition Phase, the purposes for which Water will be used during the Transition Phase, and the amount of fees prorated and paid in advance of the maximum volume of water authorized for the Transition Phase (Refer to Schedule D).	Core	The Licensee shall provide at least sixty (60) days' notice to the NWB and an Inspector indicating the date on which the project will shift from the Care and Maintenance Phase the Transition Phase of operation . The notice shall include, at a minimum, the duration of the Transition Phase, the purposes for which Water will be used during the Transition Phase, and the amount of fees prorated and paid in advance of the maximum volume of water authorized for the Transition Phase (Refer to Schedule D).	The Licensee shall provide at least sixty (60) days' notice to the NWB and an Inspector indicating the date on which the project will shift Phase of operation.
D	7		The Licensee shall, during the Transition Phase of the Project, conduct weekly inspections of all Water and Waste management structures during periods of flow and maintain records of the inspections and findings for review, upon the request of the Board and/or Inspector.	Core	Delete Term	
D	8		The Licensee shall implement measures to prevent the generation and deposition of dust and/or sediment into Water arising from road and airstrip use.	Core	The Licensee shall implement measures to minimize prevent the generation and deposition of dust and/or sediment into Water arising from road and airstrip use.	The Licensee shall implement measures to minimize the generation and deposition of dust and/or sediment into Water arising from road and airstrip use.
					New Term	The Licensee shall obtain water, for industrial purpose, including dust suppression from ponded water (against the road), or ponds or lakes proximal to the road.
E			CONDITIONS APPLYING TO WASTE DISPOSAL AND MANAGEMENT	Core	No Change	CONDITIONS APPLYING TO WASTE DISPOSAL AND MANAGEMENT

DRAFT

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E	1		The Licensee shall discharge all Tailings into the Tailings Containment Area, underground as Backfill, or to other locations in accordance with document entitled <i>A Guide to the Management of Tailings Facilities</i> (Mining Association of Canada, 2011) or as otherwise approved by the Board in writing.	Core	<i>No Change</i>	The Licensee shall discharge all Tailings into the Tailings Containment Area, underground as Backfill, or to other locations in accordance with document entitled <i>A Guide to the Management of Tailings Facilities</i> (Mining Association of Canada, 2011) or as otherwise approved by the Board in writing.																																																												
E	2		The discharge of Effluent from the Tailings Containment Area at Monitoring Station LUP-10 shall commence no sooner than July 15 of any calendar year unless otherwise approved by the Board in writing.	Core	<i>No Change</i>	The discharge of Effluent from the Tailings Containment Area at Monitoring Station LUP-10 shall commence no sooner than July 15 of any calendar year unless otherwise approved by the Board in writing.																																																												
E	3		The discharge of Effluent from the Tailings Containment Area shall not exceed a rate of 70,000 cubic metres per day, unless otherwise approved by the Board in writing.	Core	The discharge of Effluent from the Tailings Containment Area shall not exceed a rate of 70,000 125,000 cubic metres per day, unless otherwise approved by the Board in writing.	The discharge of Effluent from the Tailings Containment Area shall not exceed a rate of 125,000 cubic metres per day, unless otherwise approved by the Board in writing.																																																												
E	4		The Licensee shall provide at least ten (10) days' notice to an Inspector prior to any planned discharge from any facilities design to contain, withhold, divert or retain Water or Wastes. The notice shall include an estimated volume proposed for Discharge, duration of Discharge and the receiving location.	Core	<i>No Change</i>	The Licensee shall provide at least ten (10) days' notice to an Inspector prior to any planned discharge from any facilities design to contain, withhold, divert or retain Water or Wastes. The notice shall include an estimated volume proposed for Discharge, duration of Discharge and the receiving location.																																																												
E	5		<div>All Effluent discharged from the Tailings Containment Area at Monitoring Program station LUP-10, shall not exceed the following Effluent quality limits:<table><tr><th>Parameter</th><th>Maximum Average Concentration (mg/L)</th><th>Maximum Concentration of Any Grab Sample (mg/L)</th></tr><tr><td>Total Arsenic</td><td>0.50</td><td>1.00</td></tr><tr><td>Total Copper</td><td>0.15</td><td>0.30</td></tr><tr><td>Total Cyanide</td><td>0.80</td><td>1.60</td></tr><tr><td>Total Lead</td><td>0.10</td><td>0.20</td></tr><tr><td>Total Nickel</td><td>0.20</td><td>0.40</td></tr><tr><td>Total Zinc</td><td>0.40</td><td>0.80</td></tr><tr><td>Total Suspended Solids</td><td>15</td><td>30</td></tr><tr><td>Oil and Grease</td><td colspan="2">No Visible sheen</td></tr><tr><td colspan="3">The Effluent discharged shall have a pH between 6.0 and 9.5</td></tr></table></div>	Parameter	Maximum Average Concentration (mg/L)	Maximum Concentration of Any Grab Sample (mg/L)	Total Arsenic	0.50	1.00	Total Copper	0.15	0.30	Total Cyanide	0.80	1.60	Total Lead	0.10	0.20	Total Nickel	0.20	0.40	Total Zinc	0.40	0.80	Total Suspended Solids	15	30	Oil and Grease	No Visible sheen		The Effluent discharged shall have a pH between 6.0 and 9.5			Core	<i>No Change</i>	<div>All Effluent discharged from the Tailings Containment Area at Monitoring Program station LUP-10, shall not exceed the following Effluent quality limits:<table><tr><th>Parameter</th><th>Maximum Average Concentration (mg/L)</th><th>Maximum Concentration of Any Grab Sample (mg/L)</th></tr><tr><td>Total Arsenic</td><td>0.50</td><td>1.00</td></tr><tr><td>Total Copper</td><td>0.15</td><td>0.30</td></tr><tr><td>Total Cyanide</td><td>0.80</td><td>1.60</td></tr><tr><td>Total Lead</td><td>0.10</td><td>0.20</td></tr><tr><td>Total Nickel</td><td>0.20</td><td>0.40</td></tr><tr><td>Total Zinc</td><td>0.40</td><td>0.80</td></tr><tr><td>Total Suspended Solids</td><td>15</td><td>30</td></tr><tr><td>Oil and Grease</td><td colspan="2">No Visible sheen</td></tr><tr><td colspan="3">The Effluent discharged shall have a pH between 6.0 and 9.5</td></tr></table></div>	Parameter	Maximum Average Concentration (mg/L)	Maximum Concentration of Any Grab Sample (mg/L)	Total Arsenic	0.50	1.00	Total Copper	0.15	0.30	Total Cyanide	0.80	1.60	Total Lead	0.10	0.20	Total Nickel	0.20	0.40	Total Zinc	0.40	0.80	Total Suspended Solids	15	30	Oil and Grease	No Visible sheen		The Effluent discharged shall have a pH between 6.0 and 9.5		
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Part	Item	Sub	Term and Condition Current	Core Licence/ Amend No.	Proposed Changes	Proposed Terms
E	6		The Tailings Containment Area shall be constructed, operated and maintained to engineering standards such that:	Core	<i>No Change</i>	The Tailings Containment Area shall be constructed, operated and maintained to engineering standards such that:
E	6	a	A minimum Freeboard of 1.0 metre shall be maintained at all times or as recommended by a Geotechnical Engineer and as approved by the Board in writing;	Core	<i>No Change</i>	A minimum Freeboard of 1.0 metre shall be maintained at all times or as recommended by a Geotechnical Engineer and as approved by the Board in writing;
E	6	b	Seepage from the Tailings Containment Area is minimized;	Core	<i>No Change</i>	Seepage from the Tailings Containment Area is minimized;
E	6	c	Any Seepage that occurs is collected and returned immediately to the Tailings Containment Area;	Core	<i>No Change</i>	Any Seepage that occurs is collected and returned immediately to the Tailings Containment Area;
E	6	d	Erosion of constructed facilities is addressed immediately;	Core	<i>No Change</i>	Erosion of constructed facilities is addressed immediately;
E	6	e	The solids fraction of the mill Tailings shall be permanently contained within the Tailings Containment Area or underground as Backfill;	Core	<i>No Change</i>	The solids fraction of the mill Tailings shall be permanently contained within the Tailings Containment Area or underground as Backfill;
E	6	f	Implement measures to ensure that the Tailings Containment Area is adequately covered or managed, including the use of approved binding agents, so as to prevent windblown tailings from impacting other areas of the project site;	Core	<i>No Change</i>	Implement measures to ensure that the Tailings Containment Area is adequately covered or managed, including the use of approved binding agents, so as to prevent windblown tailings from impacting other areas of the project site;
E	6	g	During care and maintenance, inspections shall be carried out on a bi-weekly basis during freshet (approx. May and June), and monthly during the remainder of the open water period (approx. July - October) of the following: i) collection and return of seepage in Dam 2; ii) water levels in ponds 1 and 2, and cells 3 and 5; iii) general surface erosion and anomalies on dams; iv) tension crack in Dam M. If water levels in the ponds rise, then inspections shall be carried out bi-weekly during the open water season (approx. May - October); and v) Records of these inspections shall be kept for review upon the request of an Inspector, or as otherwise	Core	<i>Moved to Part J</i>	

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Part	Item	Sub	Term and Condition Current	Core Licence/ Amend No.	Proposed Changes	Proposed Terms																																
			approved by the Board. More frequent inspections shall be performed at the request of an Inspector.																																			
E	6	h	More frequent inspections shall be performed at the request of an Inspector; and	Core	Delete Term																																	
E	6	i	An inspection of the Tailings Containment Area shall be carried out annually during ice free, open-water conditions by a Geotechnical Engineer. The Engineer's report shall be submitted to the Board within sixty (60) days following the inspection, and shall include a cover letter from the Licensee outlining an implementation plan to respond to the Engineer's recommendations.	Core	Moved to Part J																																	
E	7		The Licensee shall continue to implement measures to ensure that the Tailings Containment Area is adequately covered or managed, including the use of approved binding agents, so as to prevent windblown from impacting other areas of the project site.	Core	Delete Term																																	
E	8		The Licensee shall direct all Sewage to the Sewage Lakes Disposal Facilities or as otherwise approved by the Board in writing.	Core	The Licensee shall direct all Sewage to the Sewage Lakes Disposal Facilities or as otherwise approved by the Board in writing or in accordance with the approved Final Closure and Reclamation Plan.	The Licensee shall direct all Sewage to the Sewage Lakes Disposal Facilities or as otherwise approved by the Board in writing or in accordance with the approved Final Closure and Reclamation Plan.																																
E	9		<div>All Effluent discharged from the Sewage Lakes Disposal Facilities at Monitoring Program monitoring station LUP-14, shall not exceed the following Effluent quality limits:</div> <table><tr><th>Parameter</th><th>Maximum Concentration of Any Grab Sample (mg/L)</th></tr><tr><td>Total Arsenic</td><td>0.05</td></tr><tr><td>Total Copper</td><td>0.20</td></tr><tr><td>Total Lead</td><td>0.05</td></tr><tr><td>Total Nickel</td><td>0.30</td></tr><tr><td>Total Zinc</td><td>0.50</td></tr><tr><td>Total Suspended Solids</td><td>35</td></tr><tr><td>BOD5</td><td>30</td></tr></table>	Parameter	Maximum Concentration of Any Grab Sample (mg/L)	Total Arsenic	0.05	Total Copper	0.20	Total Lead	0.05	Total Nickel	0.30	Total Zinc	0.50	Total Suspended Solids	35	BOD5	30	Core	No Change	<div>All Effluent discharged from the Sewage Lakes Disposal Facilities at Monitoring Program monitoring station LUP-14, shall not exceed the following Effluent quality limits:</div> <table><tr><th>Parameter</th><th>Maximum Concentration of Any Grab Sample (mg/L)</th></tr><tr><td>Total Arsenic</td><td>0.05</td></tr><tr><td>Total Copper</td><td>0.20</td></tr><tr><td>Total Lead</td><td>0.05</td></tr><tr><td>Total Nickel</td><td>0.30</td></tr><tr><td>Total Zinc</td><td>0.50</td></tr><tr><td>Total Suspended Solids</td><td>35</td></tr><tr><td>BOD5</td><td>30</td></tr></table>	Parameter	Maximum Concentration of Any Grab Sample (mg/L)	Total Arsenic	0.05	Total Copper	0.20	Total Lead	0.05	Total Nickel	0.30	Total Zinc	0.50	Total Suspended Solids	35	BOD5	30
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E	10		<p>All Effluent discharged from the Bulk Fuel Storage Facility and the Landfarm Facility at Monitoring Program stations LUP-27 and LUP-28, respectfully, shall not exceed the following Effluent quality limits</p> <table><tr><th>Parameter</th><th>Maximum Concentration of Any Grab Sample (mg/L)</th></tr><tr><td>pH</td><td>6.0 – 9.0</td></tr><tr><td>Total Suspended Solids (TSS)</td><td>15.0</td></tr><tr><td>Total Oil and Grease</td><td>5.0 and no visible sheen</td></tr><tr><td>Total Ammonia</td><td>2.0</td></tr></table>	Parameter	Maximum Concentration of Any Grab Sample (mg/L)	pH	6.0 – 9.0	Total Suspended Solids (TSS)	15.0	Total Oil and Grease	5.0 and no visible sheen	Total Ammonia	2.0	Core	No Change	<p>All Effluent discharged from the Bulk Fuel Storage Facility and the Landfarm Facility at Monitoring Program stations LUP-27 and LUP-28, respectfully, shall not exceed the following Effluent quality limits</p> <table><tr><th>Parameter</th><th>Maximum Concentration of Any Grab Sample (mg/L)</th></tr><tr><td>pH</td><td>6.0 – 9.0</td></tr><tr><td>Total Suspended Solids (TSS)</td><td>15.0</td></tr><tr><td>Total Oil and Grease</td><td>5.0 and no visible sheen</td></tr><tr><td>Total Ammonia</td><td>2.0</td></tr></table>	Parameter	Maximum Concentration of Any Grab Sample (mg/L)	pH	6.0 – 9.0	Total Suspended Solids (TSS)	15.0	Total Oil and Grease	5.0 and no visible sheen	Total Ammonia	2.0
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E	11		The Licensee shall confirm compliance with respective Effluent quality limits in Part E, Items 5, 9 and 10, prior to Discharge.	Core	No Change	The Licensee shall confirm compliance with respective Effluent quality limits in Part E, Items 5, 9 and 10, prior to Discharge.																				
E	12		The Licensee shall Discharge all Minewater to the Tailings Containment Area or to the Sewage Lakes Disposal Facilities, unless otherwise approved by the Board in writing.	Core	The Licensee shall Discharge all Minewater to the underground mine workings, the Tailings Containment Area or to the Sewage Lakes Disposal Facilities, or subject to Part E, Item 10 to the receiving environment, or as otherwise approved by the Board in writing.	The Licensee shall Discharge all Minewater to the underground mine workings, the Tailings Containment Area or to the Sewage Lakes Disposal Facilities, or subject to Part E, Item 5 to the receiving environment, or as otherwise approved by the Board in writing.																				
E	13		The Licensee shall submit to the Board for approval in writing, a proposal for the disposal of Minewater at a location other than that specified in Part E, Item 12. The proposal shall describe options for the Discharge of Minewater, data on the quantity and quality of the Minewater, and the alternative options for Minewater treatment and disposal.	Core	No Change	The Licensee shall submit to the Board for approval in writing, a proposal for the disposal of Minewater at a location other than that specified in Part E, Item 12. The proposal shall describe options for the Discharge of Minewater, data on the quantity and quality of the Minewater, and the alternative options for Minewater treatment and disposal.																				
E	14		The Licensee shall implement the proposal specified in Part E, Item 13, as approved by the Board in writing.	Core	No Change	The Licensee shall implement the proposal specified in Part E, Item 13, as approved by the Board in writing.																				

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Part	Item	Sub	Term and Condition Current	Core Licence/ Amend No.	Proposed Changes	Proposed Terms																																
E	15		The Licensee shall remove or backhaul Hazardous Wastes generated during all phases of the Project so as to prevent excessive buildup. Hazardous waste shall be stored and transported to an approved Hazardous Waste disposal facility for disposal, in accordance with the Government of Nunavut – Department of Environment, <i>Environmental Guidelines for the General Management of Hazardous Waste</i> (revised 2010) and the Transportation of dangerous Goods Regulation (SOR/2014-306)	Core	The Licensee shall remove or backhaul and dispose of Hazardous Wastes generated through the course of the operation generated during all phases of the Project so as to prevent excessive buildup. Hazardous waste shall be stored and transported to an approved Hazardous Waste disposal facility for disposal, in accordance with the Government of Nunavut – Department of Environment, <i>Environmental Guidelines for the General Management of Hazardous Waste</i> (revised 2010) and the Transportation of dangerous Goods Regulation (SOR/2014-306) at a licensed waste disposal site, unless otherwise approved for disposal in accordance with the approved <i>Final Closure and Reclamation Plan</i>.	The Licensee shall backhaul and dispose of Hazardous Wastes, generated through the course of the operation at a licensed waste disposal site, unless otherwise approved for disposal in accordance with the approved <i>Final Closure and Reclamation Plan</i>.																																
E	16		The Licensee shall maintain records of all Waste backhauled and confirmation of proper disposal through the use of Waste manifest tracking systems and registration with the Government of Nunavut, Department of Environment.	Core	No Change	The Licensee shall maintain records of all Waste backhauled and confirmation of proper disposal through the use of Waste manifest tracking systems and registration with the Government of Nunavut, Department of Environment.																																
E	17		The Licensee is authorized to dispose of relevant inert, non-hazardous and non- combustible waste generated by the Project at the existing Landfill Facility.	Core	The Licensee is authorized to dispose of relevant inert, non-hazardous and non- combustible waste generated by the Project at the existing any Landfill Facility, unless otherwise approved by the Board in writing.	The Licensee is authorized to dispose of relevant inert, non-hazardous and non- combustible waste generated by the Project at any Landfill Facility , unless otherwise approved by the Board in writing.																																
E	18		The Board has approved the Plan entitled <i>Lupin Mine, Nunavut, Canada Landfill Management Plan</i> , dated July 2014 and submitted for the Landfill Facility authorized in Part E, Item 17.	Core	Replace Term	The Licensee shall implement the Waste Management Plan (Solid and Hazardous), dated March 2016 and Liquid Waste Management Plan, dated March 2016, approved by the Board.																																
E	19		All Effluent discharged from the Landfill Facility at Monitoring Station LUP-31, into the Receiving Environment, shall not exceed the following Effluent quality limits: <table><tr><th>Parameters</th><th>Maximum Concentration of Any Grab Sample (mg/L)</th></tr><tr><td>Total Arsenic</td><td>0.50</td></tr><tr><td>Total Copper</td><td>0.30</td></tr><tr><td>Total Lead</td><td>0.20</td></tr><tr><td>Total Nickel</td><td>0.50</td></tr><tr><td>Total Zinc</td><td>0.50</td></tr></table>	Parameters	Maximum Concentration of Any Grab Sample (mg/L)	Total Arsenic	0.50	Total Copper	0.30	Total Lead	0.20	Total Nickel	0.50	Total Zinc	0.50	Core	All Effluent discharged from the Landfill Facility at Monitoring Station LUP-31, and LUP-35 , into the Receiving Environment, shall not exceed the following Effluent quality limits: <table><tr><th>Parameters</th><th>Maximum Concentration of Any Grab Sample (mg/L)</th></tr><tr><td>Total Arsenic</td><td>0.50</td></tr><tr><td>Total Copper</td><td>0.30</td></tr><tr><td>Total Lead</td><td>0.20</td></tr><tr><td>Total Nickel</td><td>0.50</td></tr></table>	Parameters	Maximum Concentration of Any Grab Sample (mg/L)	Total Arsenic	0.50	Total Copper	0.30	Total Lead	0.20	Total Nickel	0.50	All Effluent discharged from the Landfill Facility at Monitoring Station LUP-31, and LUP-35 , into the Receiving Environment, shall not exceed the following Effluent quality limits: <table><tr><th>Parameters</th><th>Maximum Concentration of Any Grab Sample (mg/L)</th></tr><tr><td>Total Arsenic</td><td>0.50</td></tr><tr><td>Total Copper</td><td>0.30</td></tr><tr><td>Total Lead</td><td>0.20</td></tr><tr><td>Total Nickel</td><td>0.50</td></tr></table>	Parameters	Maximum Concentration of Any Grab Sample (mg/L)	Total Arsenic	0.50	Total Copper	0.30	Total Lead	0.20	Total Nickel	0.50
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E	20		Effluent exceeding the limits set out in Part E, Item, 19 shall be collected and treated or disposed of at an approved facility, or as otherwise approved by the Board.	Core	No Change	Effluent exceeding the limits set out in Part E, Item, 19 shall be collected and treated or disposed of at an approved facility, or as otherwise approved by the Board.																						
E	21		The Licensee is authorized to treat petroleum hydrocarbon contaminated soil generated by the Project at the proposed on-site Landfarm Facility, included as part of the scope of the Application, or as otherwise approved by the Board in writing. All soil must to be treated to meet the appropriate post-treatment, land-use criteria outlined in the Canadian Council of Ministers of the Environment’s (CCME) <i>Canada-Wide Standards for Petroleum Hydrocarbons (PHC) in Soil</i> (2008) and the Government of Nunavut – Department of Environment’s <i>Guidelines for Contaminated Site Remediation</i> (Revised 2009).	Core	Replace Term	The Licensee is authorized to treat Project related petroleum hydrocarbon contaminated soils at the Landfarm Facility, or dispose of underground, or as otherwise approved by the Board in writing or as approved in the <i>Final Closure and Reclamation Plan</i> .																						
E	22		The Board has approved the Plan entitled, Lupin Mine, Nunavut, Canada, Landfarm Management Plan, dated December 2014, submitted for the Landfarm Facility authorized in Part E, Item 21.	Core	Delete Term																							
E	23		The Licensee shall, in consultation with an Inspector, establish Discharge locations, as required, for the facilities authorized under Part E, Item 17 and 21 in this Licence.	Core	The Licensee shall, in consultation with an Inspector, establish Discharge locations, as required, for any new facilities authorized under Part E, Item 17 and 24 in this Licence.																							
E	24		The Licensee shall treat, as required, the Effluent generated by the Landfarm Facility such that the Effluent discharged shall not exceed the Effluent quality limits established under Part E, Item 10, prior to Discharge into the Receiving Environment.	Core	No Change	The Licensee shall treat, as required, the Effluent generated by the Landfarm Facility such that the Effluent discharged shall not exceed the Effluent quality limits established under Part E, Item 10, prior to Discharge into the Receiving Environment.																						
E	25		The Licensee shall, in consultation with an Inspector and an Engineer, at least sixty (60) days prior to the initial use of the facilities, install monitoring wells consisting of at least one (1) up gradient and two (2) down gradient wells, at the	Core	Delete Term																							

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Part	Item	Sub	Term and Condition Current	Core Licence/ Amend No.	Proposed Changes	Proposed Terms
			Landfill Facility and the Landfarm Facility. Water samples collected from the monitoring wells shall be analyzed for criteria included under Part E, Item 19, and Part E, Item 10, respectively.			
E	26		The Licensee shall, during 2015, conduct a detailed sampling program within the vicinity of the Tailings Containment Area and other areas identified or suspected of being impacted by windblown Tailings associated with the Project. A written report detailing the sampling results along with relevant analyses shall be submitted to the Board for review by December 31, 2015.	Core	<i>Delete Term</i>	
E	27		The Licensee shall determine, prior to disposal at the Landfill Facility, that residue generated from the incineration or combustion of waste is non-hazardous. If the residue is determined unsuitable for disposal at the Landfill facility, the Licensee shall direct the Waste to an appropriate facility for disposal. The records of any analytical results and volume of ash generated and deposited shall be maintained and provided to the Board or an Inspector upon request.	Core	<i>Delete Term</i>	
					<i>New Term</i>	The Licensee shall submit to the Board for review, within ninety (90) days of Approval of the Licence by the Minister, updated Plan(s) referred to in Part E, Item 18 to reflect changes in operations.
F			CONDITIONS APPLYING TO MODIFICATIONS	Core	<i>No Change</i>	CONDITIONS APPLYING TO MODIFICATIONS
F	1		The Licensee may, without written consent from the Board, carry out Modifications provided that such Modifications are consistent with the terms of this Licence and the following requirements are met:	Core	<i>No Change</i>	The Licensee may, without written consent from the Board, carry out Modifications provided that such Modifications are consistent with the terms of this Licence and the following requirements are met:
F	1	a	The Licensee has notified the Board in writing of such proposed Modifications at least sixty (60) days prior to beginning the Modifications, that includes the requirements of Part F, Item 3;	Core	<i>No Change</i>	The Licensee has notified the Board in writing of such proposed Modifications at least sixty (60) days prior to beginning the Modifications, that includes the requirements of Part F, Item 3;
F		b	Such modifications do not place the Licensee in contravention of the Licence or the Act;	Core	<i>No Change</i>	Such modifications do not place the Licensee in contravention of the Licence or the Act;

DRAFT

Part	Item	Sub	Term and Condition Current	Core Licence/ Amend No.	Proposed Changes	Proposed Terms
F		c	Such Modifications are consistent with the NIRB Project Certificate;	Core	Such Modifications are consistent with the NIRB Project Certificate Screening ;	Such Modifications are consistent with the NIRB Screening ;
F		d	The Board has not, within sixty (60) days following notification of the proposed Modifications, informed the Licensee that review of the proposal will require more than sixty (60) days; and	Core	No Change	The Board has not, within sixty (60) days following notification of the proposed Modifications, informed the Licensee that review of the proposal will require more than sixty (60) days; and
F		e	The Board has not rejected the proposed Modifications.	Core	No Change	The Board has not rejected the proposed Modifications.
F	2		Modifications, for which all of the conditions referred to in Part F, Item 1 have not been met, may be carried out only with approval of the Board in writing.	Core	Modifications, for which all any of the conditions referred to in Part F, Item 1 have not been met, may can be carried out only with approval of the Board in writing.	Modifications, for which any of the conditions referred to in Part F, Item 1 have not been met can be carried out only with approval of the Board in writing.
F	3		Notifications for modifications shall contain:	Core	No Change	Notifications for modifications shall contain:
F	3	a	Description of the facilities and/or works to be constructed;	Core	Description of the facilities and/or works to be constructed or remediated ;	Description of the facilities and/or works to be constructed or remediated ;
F	3	b	The proposed location of the structure(s);	Core	No Change	The proposed location of the structure(s);
F	3	c	Identification of any potential impacts to the Receiving Environment;	Core	No Change	Identification of any potential impacts to the Receiving Environment;
F	3	d	A description of any monitoring required, including sampling locations, parameters measured and frequencies of sampling;	Core	No Change	A description of any monitoring required, including sampling locations, parameters measured and frequencies of sampling;
F	3	e	Schedule for construction;	Core	Schedule for construction or remediation ;	Schedule for construction or remediation ;
F	3	f	Drawings of engineered structures stamped by a Professional Engineer; and	Core	Drawings of engineered structures stamped by a Professional Engineer, if applicable ; and	Drawings of engineered structures stamped by a Professional Engineer, if applicable ; and
F	3	g	Proposed sediment and erosion control measures.	Core	Proposed sediment and erosion control measures.	Proposed sediment and erosion control measures.
F	4		The Licensee shall, within ninety (90) days of completion of the Modifications, provide as-built plans and drawings of the Modifications referred to in this Licence. These plans and drawings shall be stamped by an Engineer.	Core	The Licensee shall, within ninety (90) days of completion of the Modifications, where applicable , provide as-built plans and drawings of the Modifications referred to in this Licence. These plans and drawings shall be stamped by an Engineer.	The Licensee shall, within ninety (90) days of completion of the Modifications, where applicable , provide as-built plans and drawings of the Modifications referred to in this Licence. These plans and drawings shall be stamped by an Engineer.
G			CONDITIONS APPLYING TO CONSTRUCTION	Core	CONDITIONS APPLYING TO CONSTRUCTION AND OPERATION	CONDITIONS APPLYING TO CONSTRUCTION AND OPERATION

DRAFT

Part	Item	Sub	Term and Condition Current	Core Licence/ Amend No.	Proposed Changes	Proposed Terms
G	1		Prior to construction of any dams, dykes or structures intended to contain, withhold, divert or retain Water or Wastes, the Licensee shall submit to the Board, for review, final design specifications and for construction drawings, signed and stamped by an Engineer.	Core	<i>No Change</i>	Prior to construction of any dams, dykes or structures intended to contain, withhold, divert or retain Water or Wastes, the Licensee shall submit to the Board, for review, final design specifications and for construction drawings, signed and stamped by an Engineer.
G	2		The construction of engineered earthworks shall be supervised and field-checked by an Engineer. Construction records shall be maintained and made available at the request of the Board.	Core	<i>No Change</i>	The construction of engineered earthworks shall be supervised and field-checked by an Engineer. Construction records shall be maintained and made available at the request of the Board.
G	3		The Licensee shall submit a Construction Summary Report to the Board for review, within ninety (90) days following the completion of all new structures designed to contain, withhold, divert or retain Waters or Wastes. The Construction Summary Report shall be prepared by a qualified Engineer(s) in accordance with Schedule G, Item 1.	Core	The Licensee shall submit to the Board for review , a Construction Summary Report to the Board for review , within ninety (90) days following the of completion of all new structures each facility designed to contain, withhold, divert or retain Waters or Wastes, a. The Construction Summary Report shall be prepared by a qualified Engineer(s) in accordance with Schedule G, Item 2 4.	The Licensee shall submit to the Board for review , within ninety (90) days of completion of each facility designed to contain, withhold, divert or retain Waters or Wastes, a Construction Summary Report prepared by a qualified Engineer(s) in accordance with Schedule G, Item 2 .
G	4		The Licensee shall submit to the Board for review, at least sixty (60) days prior to construction of the Landfarm Facility, for-construction design drawings and specifications, signed and stamped by an Engineer.	Core	<i>Delete Term</i>	
G	5		The Licensee shall only use fill material for construction that is derived from an approved source and that has been demonstrated to be non-potentially acid generating (Acid Rock Drainage) and have non-metal leaching characteristics.	Core	<i>No Change</i>	The Licensee shall only use fill material for construction that is derived from an approved source and that has been demonstrated to be non-potentially acid generating (Acid Rock Drainage) and have non-metal leaching characteristics.
G	6		The Licensee shall, when carrying out construction activities and other undertakings under this licence, implement sediment and erosion control measures to prevent entry of sediment into Water.	Core	The Licensee shall, when carrying out construction activities and other undertakings under this licence , implement sediment and erosion control measures prior to and during Construction, Operations and Closure where necessary , to prevent entry of sediment into Water.	The Licensee shall implement sediment and erosion control measures prior to and during Construction, Operations and Closure where necessary , to prevent entry of sediment into Water.
G	7		The Licensee shall inspect daily, all activities related to construction, for signs of erosion in order to prevent the entry of sediment into Water and maintain the measures required under Part G, Item 6.	Core	The Licensee shall inspect daily, all activities related to Construction and Remediation , for signs of erosion in order to prevent the entry of sediment into Water and maintain the measures required under Part G, Item 6.	The Licensee shall inspect daily, all activities related to Construction and Remediation , for signs of erosion in order to prevent the entry of sediment into Water and maintain the measures required under Part G, Item 6.

DRAFT

Part	Item	Sub	Term and Condition Current	Core Licence/ Amend No.	Proposed Changes	Proposed Terms
G	8		The Licensee shall minimize disturbance to terrain, permafrost and drainage during on- site movement of the Licensee's and its contractors' equipment and personnel associated with construction activities.	Core	The Licensee shall minimize disturbance to terrain, permafrost and drainage during on-site movement of the Licensee's and its contractors' equipment and personnel associated with c around the site during Construction and Remediation activities.	The Licensee shall minimize disturbance to terrain, permafrost and drainage during movement of contractors' equipment and personnel around the site during Construction and Remediation activities.
G	9		The Licensee shall not store material on the surface of frozen streams or lakes except what is for immediate use.	Core	No Change	The Licensee shall not store material on the surface of frozen streams or lakes except what is for immediate use.
G	10		The Licensee shall locate new equipment storage areas on gravel, sand or other durable land, at a distance of at least thirty-one (31) metres above the ordinary High Water Mark of any Water body in order to minimize impacts on surface drainage and Water quality.	Core	The Licensee shall locate new equipment storage areas on gravel, sand or other durable land, at a distance of at least thirty-one (31) metres above the ordinary High Water Mark of any W waterbody in order to minimize impacts on surface drainage and W water quality, unless otherwise approved by the Board in writing.	The Licensee shall locate equipment storage areas on gravel, sand or other durable land, at a distance of at least thirty-one (31) metres above the ordinary High Water Mark of any w aterbody in order to minimize impacts on surface drainage and w ater quality, unless otherwise approved by the Board in writing.
G	11		The Licensee shall undertake necessary corrective measures to mitigate impacts on surface drainage resulting from the Licensee's activities.	Core	The Licensee shall undertake necessary appropriate corrective measures to mitigate impacts on surface drainage resulting from the Licensee's activities. operations.	The Licensee shall undertake appropriate corrective measures to mitigate impacts on surface drainage resulting from the Licensee's operations.
G	12		The Licensee shall limit any in-stream activity to low flow Water periods. In-stream activity is prohibited during fish migration.	Core	The Licensee shall limit any in-stream activity to low flow Water periods. In-stream activity is prohibited during fish migration unless otherwise approved by the Board or Fisheries and Oceans Canada.	The Licensee shall limit any in-stream activity to low Water periods. In-stream activity is prohibited during fish migration unless otherwise approved by the Board or Fisheries and Oceans Canada.
G	13		For the purposes of culvert and bridge installations, the Licensee shall not encroach on the natural channel width by the placement of abutments, footings or armoring below the ordinary High Water Mark of any water body.	Core	No Change	For the purposes of culvert and bridge installations, the Licensee shall not encroach on the natural channel width by the placement of abutments, footings or armoring below the ordinary High Water Mark of any water body.
			The Licensee shall implement preventive and mitigation measures to prevent any chemicals, fuels or Wastes associated with the undertaking from entering a waterbody.		Existing TC relocated to this Part	The Licensee shall implement preventive and mitigation measures to prevent any chemicals, fuels or Wastes associated with the undertaking from entering a waterbody, unless otherwise authorized under this License.
			The Licensee shall provide secondary containment for fuel and chemical storage as required by applicable regulations, standards and industry practice.		Existing TC relocated to this Part	The Licensee shall provide secondary containment for fuel and chemical storage as required by applicable regulations, standards and industry practice.

DRAFT

Part	Item	Sub	Term and Condition Current	Core Licence/ Amend No.	Proposed Changes	Proposed Terms
			Licensee shall operate the Bulk Fuel Storage Facilities in accordance with all applicable legislation, guidelines, and industry practices, including:		<i>Existing TC relocated to this Part</i>	Licensee shall operate the Bulk Fuel Storage Facilities in accordance with all applicable legislation, guidelines, and industry practices, including:
			<i>Environmental Code of Practice for Aboveground and Underground Storage Tank Systems Containing Petroleum and Allied Petroleum Products. (CCME, 2003)</i>		<i>Existing TC relocated to this Part</i>	<i>Environmental Code of Practice for Aboveground and Underground Storage Tank Systems Containing Petroleum and Allied Petroleum Products, 2003 (Updated in 2013) or most recent; CCME; and</i>
			<i>National Fire Code of Canada, 2010, and</i>		<i>Existing TC relocated to this Part</i>	<i>National Fire Code of Canada, 2010.</i>
			<i>Storage Tank Systems for Petroleum Products and Allied Petroleum Products Regulations (SOR/2008-197. June 12, 2008).</i>		<i>Delete Term</i>	
					<i>New Term</i>	The Licensee shall consider the principles of adaptive management in construction, operation and closure.
					<i>New Term</i>	All sumps and fuel caches shall be located at a distance of at least thirty-one (31) metres from the ordinary High Water Mark of any adjacent Water body and inspected on a regular basis.
H			CONDITIONS APPLYING TO EMERGENCY RESPONSE AND CONTINGENCY PLANNING	Core	<i>No Change</i>	CONDITIONS APPLYING TO EMERGENCY RESPONSE AND CONTINGENCY PLANNING
H	1		The Board has approved the plan entitled <i>Lupin Mine Site Nunavut, Canada, Spill Contingency Plan (Care and Maintenance)</i> , dated March 2013 and submitted on February 28, 2014 as additional information with the Application.	Core	The Licensee shall implement the <i>Board has approved the plan entitled Lupin Mine Site Nunavut, Canada, Spill Contingency Plan (Care and Maintenance), dated March 2013 and submitted on, approved by the Board.</i> February 28, 2014 as additional information with the Application.	The Licensee shall implement the <i>Spill Contingency Plan (Care and Maintenance), dated March 2016, approved by the Board.</i>
H	2		The Licensee shall submit to the Board for review, within ninety (90) days of Approval of the Licence by the Minister, an update to the plan referred to in Part H, Item 1, to address relevant interveners' comments and recommendations including changes to Appendix 1 of the Plan to include a complete inventory of fuel and chemicals stored on site.	Core	The Licensee shall submit to the Board for review, within ninety (90) days of Approval of the Licence by the Minister, an update to the plan referred to in Part H, Item 1 <i>to reflect changes in operations</i> , to address relevant interveners' comments and recommendations including changes to Appendix 1 of the Plan to include a complete inventory of fuel and chemicals stored on site.	The Licensee shall submit to the Board for review, within ninety (90) days of Approval of the Licence by the Minister, an update to the plan referred to in Part H, Item 1 <i>to reflect changes in operations.</i>

DRAFT

Part	Item	Sub	Term and Condition Current	Core Licence/ Amend No.	Proposed Changes	Proposed Terms
H	3		The Licensee shall submit to the Board for review, at least ninety (90) days prior to hauling material and supplies in support of the Project, a current copy of the Tibbit to Contwoyto Winter Road Joint Venture Spill Contingency Plan.	Core	<i>Delete Term</i>	
H	4		The Licensee shall keep an up-to-date copy of the spill contingency plans at each site, at all times.	Core	<i>No Change</i>	The Licensee shall keep an up-to-date copy of the spill contingency plans at each site, at all times.
H	5		The Licensee shall prevent any chemicals, fuel or Wastes associated with the undertaking from entering any Water body.	Core	<i>Existing TC relocated to Part G</i>	
H	6		The Licensee shall provide secondary containment for fuel and chemical storage as required by applicable regulations, standards and industry practice.	Core	<i>Existing TC relocated to Part G</i>	
H	7		Licensee shall operate the Bulk Fuel Storage Facilities in accordance with all applicable legislation, guidelines, and industry practices, including:	Core	<i>Existing TC relocated to Part G</i>	
H	7	a	<i>Environmental Code of Practice for Aboveground and Underground Storage Tank Systems Containing Petroleum and Allied Petroleum Products. (CCME, 2003)</i>	Core	<i>Existing TC relocated to Part G</i>	
H	7	b	<i>National Fire Code of Canada, 2010, and</i>	Core	<i>Existing TC relocated to Part G</i>	
H	7	c	<i>Storage Tank Systems for Petroleum Products and Allied Petroleum Products Regulations (SOR/2008-197. June 12, 2008).</i>	Core	<i>Existing TC relocated to Part G</i>	
H	8		The Licensee shall conduct emergency maintenance and servicing on equipment in designated areas, and shall implement measures to collect vehicle fluids and other Waste in order to prevent and/or contain spills.	Core	The Licensee shall conduct emergency maintenance and servicing on equipment in designated areas, and shall implement measures to collect motor vehicle fluids and other Waste in order to prevent and/or contain spills.	The Licensee shall conduct emergency maintenance and servicing on equipment in designated areas, and shall implement measures to collect motor fluids and other Waste in order to prevent and/or contain spills.
H	9		If during the term of this licence, an unauthorized Discharge of Waste and or Effluent occurs, or if such a discharge is foreseeable, the Licensee shall:	Core	The Licensee shall, subject to Section 16 of the Regulations, report any If during the term of this licence, an unauthorized deposits Discharge of Waste and/or discharges of Effluent occurs, or if such a discharge is foreseeable, the Licensee shall and:	The Licensee shall, subject to Section 16 of the Regulations, report any unauthorized deposits of Waste and/or discharges of Effluent and:

DRAFT

Part	Item	Sub	Term and Condition Current	Core Licence/ Amend No.	Proposed Changes	Proposed Terms
H	9	a	Employ, as required, the contingency Plan referred to in Part H, Item 1;	Core	Employ, as required, the <i>Spill Contingency Plan</i> referred to in Part H, Item 1;	Employ the <i>Spill Contingency Plan</i> ;
H	9	b	Report the incident immediately via the 24-Hour Spill Reporting Line at (867) 920- 8130 and to the Inspector at (867) 975-4295; and	Core	Report the incident immediately via the <i>NWT/NU</i> 24-Hour Spill Reporting Line at (867) 920- 8130 and to the Inspector at (867) 975-4295; and	Report the incident immediately via the <i>NWT/NU</i> 24-Hour Spill Reporting Line at (867) 920- 8130 and to the Inspector at (867) 975-4295; and
H	9	c	For each spill occurrence, submit a detailed report to the Inspector, no later than thirty (30) days after initially reporting the event, which includes the amount and type of spilled product, the GPS location of the spill, and the measures taken to contain, clean up and restore the spill site.	Core	<i>No Change</i>	For each spill occurrence, submit a detailed report to the Inspector, no later than thirty (30) days after initially reporting the event, which includes the amount and type of spilled product, the GPS location of the spill, and the measures taken to contain, clean up and restore the spill site.
H	10		The Licensee shall, in addition to Part H, Item 9, regardless of the quantity of releases of harmful substances, report to the NWT/NU Spill Line if the release is near or into a Water body.	Core	<i>No Change</i>	The Licensee shall, in addition to Part H, Item 9, regardless of the quantity of releases of harmful substances, report to the NWT/NU Spill Line if the release is near or into a Water body.
I			CONDITIONS APPLYING TO ABANDONMENT, RECLAMATION, AND CLOSURE PLANNING	Core	<i>No Change</i>	CONDITIONS APPLYING TO ABANDONMENT, RECLAMATION, AND CLOSURE PLANNING
I	1		The Board has approved the Plan entitled <i>Lupin Mine Site, Nunavut, Canada, Interim Abandonment and Restoration Plan (Care and Maintenance)</i> , dated March 2013, submitted as additional information with the Application and consisting of the following:	Core	<i>Replace Term</i>	The <i>Licensee</i> shall implement the <i>Final Closure and Reclamation Plan</i> , dated July 2018, approved by the <i>Board</i> .
I	1	a	Figures;	Core	<i>Delete Term</i>	
I	1	b	Closure Plan for Tailings Containment Area;	Core	<i>Delete Term</i>	
I	1	c	Studies Related to Water Licence Requirements and in Support of Reclamation Planning;	Core	<i>Delete Term</i>	
I	1	d	Ecological Risk Assessment for Lupin Mine Tailings;	Core	<i>Delete Term</i>	
I	1	e	Response to Technical Review Comments on Lupin TCA A&R Plan; and	Core	<i>Delete Term</i>	
I	1	f	Cycle 3 Environmental Effects Monitoring Report, Investigation of Cause Reports and Addendum.	Core	<i>Delete Term</i>	

DRAFT

Part	Item	Sub	Term and Condition Current	Core Licence/ Amend No.	Proposed Changes	Proposed Terms
I	2		The Licensee shall, within ninety (90) days of approval of the Licence by the Minister, submit to the Board for review, an update to the plan referred to in Part I, Item 1, to address relevant comments and recommendations provided by intervening parties and the Board during the review process for the Application. Revisions to all plans should take into consideration the <i>Mine Site Reclamation Guidelines for the Northwest Territories</i> (INAC, 2007) and the <i>Mine Site Reclamation Policy</i> (INAC, 2002).	Core	<i>Delete Term</i>	
I	2		The Licensee shall, within ninety (90) days following the approval, by the Minister, of Amendment No. 1 to Licence No. 2AM - LUP1520, submit to the Board for approval, an updated version of the Plan entitled <i>Interim Abandonment and Restoration Plan</i> , dated March 2016, to supersede the version approved under Part I, Item 1. The updated Plan shall take into consideration the <i>Mine Site Reclamation Guidelines for the Northwest Territories</i> (INAC, 2007) and the <i>Mine Site Reclamation Policy for Nunavut</i> (INAC, 2002), and address the following:	No. 1	The Licensee shall, within ninety (90) days following the approval, by the Minister, of Amendment No. 1 to Licence No. 2AM - LUP1520, submit to the Board for review approval, an updated version of the Plan entitled <i>Interim Abandonment and Restoration Final Closure and Reclamation Plan</i> , dated March 2016 July 2018, to supersede the version approved under Part I, Item 1. The updated Plan shall take into consideration the <i>Mine Site Reclamation Guidelines for the Northwest Territories</i> (INAC, 2007) and the <i>Mine Site Reclamation Policy for Nunavut</i> (INAC, 2002), and address the following: address relevant comments and recommendations provided by intervening parties and the Board during the review process for the Application.	The Licensee shall, within ninety (90) days following the approval, by the Minister, submit to the Board for review , an updated Final Closure and Reclamation Plan , dated July 2018, to address relevant comments and recommendations provided by intervening parties and the Board during the review process for the Application.
I	2	a	Inclusion of executive summaries in English and Inuktitut for the Plan and relevant documents associated with the Plan;	No. 1	<i>Delete Term</i>	
I	2	b	Revision to the effective date of the Plan;	No. 1	<i>Delete Term</i>	
I	2	c	Inclusion of updated information for expired mineral and surface leases listed in Section 2.2, Table 1, of the Plan;	No. 1	<i>Delete Term</i>	
I	2	d	Section 2.5, Table 2, of the Plan should include precipitation data for recent years if available. The last year of entry was 2006;	No. 1	<i>Delete Term</i>	
I	2	e	Section 2.5, Table 3, of the Plan should include monthly rainfall data for recent years if available. The last year of entry was 2006;	No. 1	<i>Delete Term</i>	

DRAFT

Part	Item	Sub	Term and Condition Current	Core Licence/ Amend No.	Proposed Changes	Proposed Terms
I	2	f	Inclusion of updated information in Section 5 of the Plan (Abandonment and Reclamation Plan History) to reflect any recent abandonment and reclamation activities conducted and not documented in the Plan;	No. 1	Delete Term	
I	2	g	Inclusion of details in Section 7.1.3 of the Plan to address any progressive reclamation that occurred subsequent to submission of the March 16, 2016 version of the Plan;	No. 1	Delete Term	
I	2	h	Updates, where applicable, to studies and related documents contained in Appendices A, B, C, D, E, F, G and H of the Plan.;	No. 1	Delete Term	
I	2	i	Inclusion of detail regarding any changes in ownership of the Project undertaking;	No. 1	Delete Term	
I	2	j	Inclusion of details regarding any changes to water and waste management structures to reflect ongoing or progressive closure and reclamation activities; and,	No. 1	Delete Term	
I	2	k	Inclusion of the updated reclamation amount posted for security with the Minister, under this amendment.	No. 1	Delete Term	
I	3		The Board has approved the Plan entitled <i>Lupin Mine Site Nunavut, Canada Care and Maintenance Plan (Care and Maintenance)</i> , dated March 2013, which was submitted as additional information with the Application and consisting of the following:	Core	Delete Term	
I	3	a	Lupin Mine Waste Management Plan (Solid and Hazardous)	Core	Move to Part E	
I	3	b	Incinerator Operation and Maintenance Procedure	Core	Move to Part E	
I	3	c	Lupin Mine Liquid Waste Management Plan	Core	Move to Part E	
I	3	d	Water Quality Monitoring Plan Quality Assurance/ Quality Control Plan	Core	Move to Part J	
I	3	e	Lupin Mine Wildlife Management Plan; and	Core	Delete	
I	3	f	Lupin Mine Fuel Containment Management Strategy	Core	Move to Part H	
I	4		The Licensee shall, within ninety (90) days of approval of the Licence by the Minister, update and submit to the Board	Core	Moved to Part E, H, & J	

DRAFT

Part	Item	Sub	Term and Condition Current	Core Licence/ Amend No.	Proposed Changes	Proposed Terms
			for review the plan(s) referred to in Part I, Item 3 to address relevant comments and recommendations provided by intervening parties during the review process for the Application. Revisions to all plans should take into consideration applicable regulations and guidelines.			
I	5		The Licensee shall notify the Board in writing, at least sixty (60) days prior to, or upon initiating the process to achieve Recognized Closed Mine status.	Core	<i>Delete Term</i>	
I	6		The Licensee shall submit to the Board for approval, at least two (2) years prior to the final closure of the mine, a Final Abandonment, Reclamation and Closure Plan. The Plan shall be prepared in accordance with Schedule I, Item 1.	Core	<i>Delete Term</i>	
I	7		The Licensee shall notify the Board in writing, as soon as is practically possible, of any change in the status of the mine or activities associated with the Mine. This notice shall include a summary of Plans and a Schedule for anticipated activities related to the Care and Maintenance, the Transition Phase or the Final Closure of the Mine and associated infrastructure.	Core	The Licensee shall notify the Board in writing, as soon as is practically possible, of any change in the status of the mine or activities associated with the Mine. This notice shall include a summary of Plans and a Schedule for anticipated activities related to the change in Phase . the Care and Maintenance, the Transition Phase or the Final Closure of the Mine and associated infrastructure.	The Licensee shall notify the Board in writing, as soon as is practically possible, of any change in the status of the mine or activities associated with the Mine. This notice shall include a summary of Plans and a Schedule for anticipated activities related to the change in Phase .
I	8		Notwithstanding the time schedule referred to in the Interim Abandonment, Reclamation and Closure Plan, in Part I, Item 1, the Licensee shall implement Progressive Reclamation, including progressive covering of the tailings and re-vegetation where feasible, as soon as is realistically possible.	Core	<i>Delete Term</i>	
I	9		The Licensee shall submit to the Board for review, as part of any application to amend and/or renew the Licence, or to commence active reclamation of the Project site, an updated or revised version of the Environmental Site Assessment conducted for the Project in 2006.	Core	<i>Delete Term</i>	
I	10		The Licensee shall, as part of the updated Environmental Site Assessment required under Part I, Item 9, conduct a detailed rock characterization study or program to determine the total quantity (inventory) of Potentially Acid Generating (PAG) material associated with the Project site	Core	<i>Delete Term</i>	

DRAFT

Part	Item	Sub	Term and Condition Current	Core Licence/ Amend No.	Proposed Changes	Proposed Terms
			and identify any potential contamination that may be linked to such material. A written report of the results obtained and analyses conducted shall be submitted to the Board for review as part of any application to amend and/or renew the Licence, or notification to commence active reclamation of the Project site.			
J			CONDITIONS APPLYING TO MONITORING	Core		
J	1		The Licensee shall carry out the Monitoring Program as per Table I of Schedule J.	Core	The Licensee shall carry out undertake the Monitoring Program as per provided in Table I, 2 and 3 of Schedule J.	The Licensee shall undertake the Monitoring Program provided in Table I, 2 and 3 of Schedule J.
J	2		The Licensee shall provide the GPS co-ordinates, in degrees, minutes and seconds of latitude and longitude, of all locations where sources of Water are utilized for all purposes.	Core	No Change	The Licensee shall provide the GPS co-ordinates, in degrees, minutes and seconds of latitude and longitude, of all locations where sources of Water are utilized for all purposes.
J	3		The Licensee shall determine the GPS co-ordinates, in degrees, minutes and seconds of latitude and longitude, of all locations where Wastes associated with the Project are deposited.	Core	Delete Term	
J	4		The quantity of ore milled shall be measured in tonnes and recorded monthly. The total volume of solids and the solid-to-solution ratio (%) of Waste discharged to the Tailings Containment Area and underground disposal as paste Backfill shall be recorded monthly.	Core	Delete Term	
J	5		All sampling, sample preservation and analyses shall be conducted in accordance with methods prescribed in the current edition of <i>Standard Methods for the Examination of Water and Wastewater</i> , or by such other methods approved by the Board in writing.	Core	All analyses shall be conducted as described in accordance with methods prescribed in the current most recent edition of " <i>Standard Methods for the Examination of Water and Wastewater</i> " or by such other methods approved by the Board in writing an Analyst .	All analyses shall be conducted as described in the most recent edition of " <i>Standard Methods for the Examination of Water and Wastewater</i> " or by such other methods approved by an Analyst .
J	6		All analyses shall be performed in a laboratory accredited according to ISO/IEC Standard 17025. The accreditation shall be current and in good standing.	Core	All compliance analyses shall be performed in an accredited laboratory accredited according to ISO/IEC Standard 17025. The accreditation shall be current and in good standing.	All compliance analyses shall be performed in an accredited laboratory according to ISO/IEC Standard 17025. The accreditation shall be current and in good standing.
J	7		The Board has accepted the Plan, entitled <i>Lupin Mine Site, Nunavut, Canada, Water Quality Monitoring Plan and</i>	Core	The Licensee implement the Board has accepted the Plan, entitled Lupin Mine Site, Nunavut, Canada, Water Quality Monitoring Plan and Quality Assurance/Quality Control	

DRAFT

Part	Item	Sub	Term and Condition Current	Core Licence/ Amend No.	Proposed Changes	Proposed Terms
			Quality Assurance/Quality Control Plan, included as a subset of the Care and Maintenance Plan in Part I, Item 3.		Plan (March 2016) and Monitoring and Inspection Schedule (March 2016), approved by the Board.	
J	8		The Licensee shall submit to the Board for review, as part of any application to amend and/or renew this Licence or notification to commence active reclamation, a revised version of the Plan referred to in Part J, Item 7 that addresses the appropriate phase of the Project.	Core	Replace Term	The Licensee shall submit to the Board for review, within ninety (90) days of Approval of the Licence by the Minister, updated Plan(s) referred to in Part J, Item 7 to reflect changes in operations. Where applicable (i.e. QA/QC measures), proposed changes shall be submitted to an Accredited Laboratory for approval.
J	9		Additional monitoring requirements may be requested by the Inspector.	Core	No Change	Additional monitoring requirements may be requested by the Inspector.
J	10		The Licensee shall include in the Annual Report required under Part B, Item 2, all data, monitoring results and information required by this Part and the associated Schedules.	Core	No Change	The Licensee shall include in the Annual Report required under Part B, Item 2, all data, monitoring results and information required by this Part and the associated Schedules.
J	11		The NWB may modify the Monitoring Program under Schedule J without a public hearing. Requests for changes to the Monitoring Program should be forwarded to the NWB in writing, and should include the justification and appropriate evidence to support the change.	Core	Replace Term	As noted in Part B, Item (TBD), changes to the Schedules, including Schedule J, which provides details of the Monitoring Program, may, at the Board's discretions, be considered without requiring an Amendment to the Licence. However, the Board must approve any changes to the Monitoring Program, as outlined in Part J and Schedule J; any request for changes to the Monitoring Program should be submitted to the Board in writing and should include the justification for the change.
J	12		The Licensee is responsible for all monitoring required during the Care and Maintenance Phase and the Transition Phase of the Project as set out in this Part. In the event the Licensee fails to carry out the monitoring requirements set out in this Part that are essential to ensuring the integrity of significant site components, including fuel storage, general site maintenance, Tailings Containment Area, Water and Sewage management, Canada shall carry out such monitoring during periods of highest risk to fresh Water.	Core	Delete Term	
			(Part E, Item 6(g)): During care and maintenance, inspections shall be carried out on a bi-weekly basis during freshet (approx. May and June), and monthly during the		Delete Term	

DRAFT

Part	Item	Sub	Term and Condition Current	Core Licence/ Amend No.	Proposed Changes	Proposed Terms
			<p>remainder of the open water period (approx. July - October) of the following:</p> <ul style="list-style-type: none">i) collection and return of seepage in Dam 2;ii) water levels in ponds 1 and 2, and cells 3 and 5;iii) general surface erosion and anomalies on dams;iv) tension crack in Dam M. If water levels in the ponds rise, then inspections shall be carried out bi-weekly during the open water season (approx. May - October); and <p>Records of these inspections shall be kept for review upon the request of an Inspector, or as otherwise approved by the Board. More frequent inspections shall be performed at the request of an Inspector.</p>			
			(Part E, Item 6(i): An inspection of the Tailings Containment Area shall be carried out annually during ice free, open-water conditions by a Geotechnical Engineer. The Engineer's report shall be submitted to the Board within sixty (60) days following the inspection, and shall include a cover letter from the Licensee outlining an implementation plan to respond to the Engineer's recommendations.		<i>Moved from Part E, The Licensee shall prior to Post Closure, carry out an inspection of the Tailings Containment Area shall be carried out annually during ice free, open-water conditions by a Geotechnical Engineer. The Engineer's report shall be submitted to the Board within sixty (60) days following the inspection, and shall include a cover letter from the Licensee outlining an implementation plan to respond to the Engineer's recommendations.</i>	The Licensee shall prior to Post Closure, carry out an inspection of the Tailings Containment Area, annually during ice free, open-water conditions by a Geotechnical Engineer. The Engineer's report shall be submitted to the Board within sixty (60) days following the inspection, and shall include a cover letter from the Licensee outlining an implementation plan to respond to the Engineer's recommendations.
					<i>New Term</i>	The Licensee shall, submit to the Board for Approval, within one (1) year following approval by the Minister, a Post-Closure Monitoring Plan in accordance with requirements in Schedule J, Item 1!
Sch. A			Definitions of terms	Core	<i>Only terms used should remain in the final draft.</i>	
Sch. A			"Abandonment" means the permanent dismantlement of a facility so it is permanently incapable of its intended use. This includes the removal of associated equipment and structures as defined in the Mine Site Reclamation Guidelines for the Northwest Territories (INAC, 2007);	Core	"Abandonment" means the permanent dismantlement of a facility so it is permanently incapable of its intended use. This includes the removal of associated equipment and structures as defined in the Mine Site Reclamation Guidelines for the Northwest Territories (INAC, 2007);	"Abandonment" means the permanent dismantlement of a facility, so it is permanently incapable of its intended use. This includes the removal of associated equipment and structures.

DRAFT

Part	Item	Sub	Term and Condition Current	Core Licence/ Amend No.	Proposed Changes	Proposed Terms
Sch. A			“Act” means the <i>Nunavut Waters and Nunavut Surface Rights Tribunal Act</i> ;	Core	<i>No Change</i>	
Sch. A			“Acid Rock Drainage (ARD)” means the production of acidic leachate, seepage or drainage from underground workings, ore piles, waste rock, construction rock, tailings, and overburden that can lead to the release of metals to groundwater and surface water during the life of the mine and after mine closure;	Core	“Acid Rock Drainage (ARD)” means the production of acidic leachate, seepage or drainage from underground workings, <i>open pits</i> , ore piles, waste rock, construction rock, <i>tailings, and overburden</i> that can lead to the release of metals to <i>land</i> , groundwater <i>and or</i> surface water during the life of the <i>mine Project</i> and after <i>mine</i> - <i>C</i> losure;	“Acid Rock Drainage (ARD)” means the production of acidic leachate, seepage or drainage from underground workings, <i>open pits</i> , ore piles, waste rock, construction rock, <i>tailings, and overburden</i> that can lead to the release of metals to <i>land</i> , groundwater <i>or</i> surface water during the life of the <i>Project</i> and after <i>C</i> losure;
Sch. A					<i>New Term</i>	“Acutely Lethal Effluent” means acutely lethal effluent as defined in the Metal and Diamond Mining Effluent Regulations SOR/2002-222 dated June 6, 2002, last amended on December 8, 2017 and as may be further amended from time to time;
Sch. A			“Addendum” means the supplemental text that is added to a full plan or report, usually included at the end of the document and is not intended to require a full resubmission of the revised report. It may also be considered as an appendix or supplement;	Core	<i>No Change</i>	“Addendum” means the supplemental text that is added to a full plan or report, usually included at the end of the document and is not intended to require a full resubmission of the revised report. It may also be considered as an appendix or supplement;
Sch. A			“Amendment” means a change to a term and condition of this Licence, not considered as a modification, which initiated by way of an application from the Licensee or induced by the Board, allowing for additions, deletions, and adjustments to specific terms and conditions of the Licence;	Core	“Amendment” means a change to a <i>any</i> terms and conditions of this Licence, not considered as a modification, which initiated by way of an <i>through</i> application from the Licensee or induced by to the Board, allowing for additions, deletions, and adjustments to specific terms and conditions of the Licence;	“Amendment” means a change to <i>any</i> terms and conditions of this Licence, <i>through</i> application to the Board, allowing for additions, deletions, and adjustments to specific terms and conditions of the Licence;
Sch. A			“Analyst” means an Analyst designated by the Minister under section 85 (1) of the <i>Act</i> ;	Core	<i>No Change</i>	“Analyst” means an Analyst designated by the Minister under section 85 (1) of the <i>Act</i> ;
Sch. A			“Annually” means, in the context of monitoring frequency, one sampling event occurring every 365 days with a minimum of 200 days between sampling events;	Core	<i>No Change</i>	“Annually” means, in the context of monitoring frequency, one sampling event occurring every 365 days with a minimum of 200 days between sampling events;

DRAFT

Part	Item	Sub	Term and Condition Current	Core Licence/ Amend No.	Proposed Changes	Proposed Terms
Sch. A			“Application” means the Type “A” Water Licence renewal and amendment application submitted by Lupin Mines Incorporated on February 28, 2014;	Core	<i>Replace Term</i>	“Application” includes the totality of relevant documents filed by the Licensee on the NWB and NIRB public registries in support of the Water Licence application filed in July 2018 and includes all documents subsequently submitted to the Board throughout the regulatory process;
Sch. A			“Backfill” means a combination of any or all of a mixture of sand, cement, water or Tailings that is pumped underground and is used to strengthen/support mined out areas;	Core	<i>Delete Term</i>	
Sch. A			“Board” means the Nunavut Water Board (NWB) established under Article 13 of the <i>Nunavut Land Claims Agreement</i> and under section 14 of the Act;	Core	<i>No Change</i>	“Board” means the Nunavut Water Board (NWB) established under Article 13 of the <i>Nunavut Land Claims Agreement</i> and under section 14 of the Act;
Sch. A			“Bulk Fuel Storage Facility” means the facility, constructed to contain a nominal capacity of approximately 21.6 million litres of petroleum products and all associated infrastructure, as described in the Renewal Application dated January 15, 2008 and in the Application.	Core	<i>Replace Term</i>	“Bulk Fuel Storage Facilities” means the facilities used to store large quantities of fuel as described in the Lupin Mine Site Spill Contingency Plan, dated March 2016, and as shown in Figure 3.
Sch. A			“Canadian Council of the Ministers of Environment (CCME)” means the organizations of Canadian Ministers of the Environment that sets guidelines for environmental protection across Canada such as the Canadian Water Quality Guidelines for the Protection of Freshwater Aquatic Life;	Core	<i>No Change</i>	“Canadian Council of the Ministers of Environment (CCME)” means the organizations of Canadian Ministers of the Environment that sets guidelines for environmental protection across Canada such as the Canadian Water Quality Guidelines for the Protection of Freshwater Aquatic Life;
Sch. A			“Care and Maintenance Phase” refers to the current state, at the time of Licence issuance, of the Lupin Mine, a scenario in which the mine ceases Operations with the intent of resuming mining activities at some point in the future, as described in Indian and Northern Affairs Canada’s (INAC) <i>Mine Site Reclamation Guidelines for the Northwest Territories</i> (2007);	Core	<i>Replace Term</i>	“Care and Maintenance” in respect of a mine, means the status of the facility when the Licensee ceases production or commercial operation temporarily for an undefined period of time;
Sch. A			“Chief Executive Officer” means the Chair or Chairperson of the Nunavut Water Board;	Core	<i>Delete Term</i>	

DRAFT

Part	Item	Sub	Term and Condition Current	Core Licence/ Amend No.	Proposed Changes	Proposed Terms
Sch. A			“Closure” means when an Operator ceases operations at a facility without the intent to resume mining activities in the future;	Core	<i>No Change</i>	“Closure” means when an Operator ceases operations at a facility without the intent to resume mining activities in the future;
Sch. A					<i>New Term</i>	“Closure Phase” means that period of time after the Operations Phase where the Project is no longer producing gold, there is no intention to resume mining activities, and reclamation and remediation of all mine facilities is undertaken.
Sch. A			“Dam Safety Guidelines” means the <i>Canadian Dam Association (CDA) Dam Safety Guidelines (DSG)</i> , (2007) or subsequent approved editions;	Core	“Dam Safety Guidelines” means the Canadian Dam Association (CDA) Dam Safety Guidelines (DSG), (2007) or subsequent approved editions; <i>(published in 2007, revised in 2013 or subsequent approved editions);</i>	“Dam Safety Guidelines” means the Canadian Dam Association (CDA) Dam Safety Guidelines (DSG), <i>(published in 2007, revised in 2013 or subsequent approved editions);</i>
Sch. A					<i>New Term</i>	“Demolition Waste Landfill Facility” means the new landfill facility developed for the disposal of inert demolition waste produced from the removal of buildings and infrastructure during reclamation and remediation activities of final closure of the mine site as described in the Lupin Mine Site, Final Closure and Reclamation Plan, July 2018;
Sch. A			“Discharge” means the release of any water or waste to the receiving environment;	Core	<i>No Change</i>	“Discharge” means the release of any water or waste to the receiving environment;
Sch. A			“Effluent” means the liquid discharge from any site water management facilities;	Core	“Effluent” means the <i>treated or untreated</i> liquid <i>waste that is discharged into the environment</i> from all <i>any</i> -site water management facilities;	“Effluent” means the <i>treated or untreated</i> liquid <i>waste that is discharged into the environment</i> from all site water management facilities;
Sch. A			“Engineer” means a professional engineer registered to practice in Nunavut in accordance with the <i>Consolidation of Engineers and Geoscientists Act S. Nu 2008, c.2</i> and the <i>Engineering and Geoscience Professions Act S.N.W.T. 2006, c.16 Amended by S.N.W.T. 2009, c.12</i> ;	Core	<i>No Change</i>	“Engineer” means a professional engineer registered to practice in Nunavut in accordance with the <i>Consolidation of Engineers and Geoscientists Act S. Nu 2008, c.2</i> and the <i>Engineering and Geoscience Professions Act S.N.W.T. 2006, c.16 Amended by S.N.W.T. 2009, c.12</i> ;
Sch. A			“Freeboard” means the vertical distance between the water line and the crest on a dam or dyke's upstream slope;	Core	<i>No Change</i>	“Freeboard” means the vertical distance between the water line and the crest on a dam or dyke's upstream slope;
Sch. A					<i>New Term</i>	“Fresh Water Intake” means the infrastructure required for extraction of Water from Contwoyto Lake, as described

DRAFT

Part	Item	Sub	Term and Condition Current	Core Licence/ Amend No.	Proposed Changes	Proposed Terms
						in the Lupin Mine Site, Final Closure and Reclamation Plan, July 2018;
Sch. A			“Geotechnical Engineer” means a professional engineer registered with the Association of Professional Engineers, Geologist and Geophysicists of Nunavut and whose principal field of specialization with the engineering properties of earth materials in dealing with man-made structures and earthworks that will be built on a site. These can include shallow and deep foundations, retaining walls, dams, and embankments;	Core	“Geotechnical Engineer” means a professional engineer registered with the Association of Professional Engineers, Geologist and Geophysicists of Nunavut and whose principal field of specialization with the engineering properties of earth materials in dealing with man-made structures and earthworks. Such structures and earthworks that will be built on a site. These can include shallow and deep foundations, retaining walls, dams, and embankments;	“Geotechnical Engineer” means a professional engineer registered with the Association of Professional Engineers, Geologist and Geophysicists of Nunavut and whose principal field of specialization with the engineering properties of earth materials in dealing with man-made structures and earthworks. Such structures and earthworks can include shallow and deep foundations, retaining walls, dams, and embankments;
Sch. A			“Grab Sample” means an undiluted quantity of material collected at a particular time and place that may be representative of the total substance being sampled at the time and place it was collected;	Core	No Change	“Grab Sample” means an undiluted quantity of material collected at a particular time and place that may be representative of the total substance being sampled at the time and place it was collected;
Sch. A			“Greywater” means the component of effluent produced from domestic use (i.e. washing, bathing, food preparation and laundering), excluding sewage;	Core	No Change	“Greywater” means the component of effluent produced from domestic use (i.e. washing, bathing, food preparation and laundering), excluding sewage;
Sch. A			“Hazardous Waste” means materials or contaminant which are categorized as dangerous goods under the <i>Transportation of Dangerous Good Act</i> (1992) and/or that is no longer used for their original purpose and is intended for recycling, treatment, disposal or storage;	Core	“Hazardous Waste” means materials or contaminant which are categorized as dangerous goods under the <i>Transportation of Dangerous Good Act</i> (1992) and/or that are is no longer used for their original purpose and are is intended for recycling, treatment, disposal or storage;	“Hazardous Waste” means materials or contaminant which are categorized as dangerous goods under the <i>Transportation of Dangerous Good Act</i> (1992) and/or that are no longer used for their original purpose and are intended for recycling, treatment, disposal or storage;
Sch. A			“High Water Mark” means the usual or average level to which a body of water rises at its highest point and remains for sufficient time so as to change the characteristics of the land (ref. <i>Department of Fisheries and Oceans Canada, Operational Statement: Mineral Exploration Activities</i>);	Core	No Change	“High Water Mark” means the usual or average level to which a body of water rises at its highest point and remains for sufficient time so as to change the characteristics of the land (ref. <i>Department of Fisheries and Oceans Canada, Operational Statement: Mineral Exploration Activities</i>);
Sch. A			“ICP Metals Scan” means for the purpose of the Licence elements detected using Inductively Coupled Plasma (ICP) mass spectrometer. Metal parameters should be consistent with baseline data previously collected, in particular Arsenic, Copper, Zinc, Nickel and Lead, and include any other metals of concern or interest;	Core	“ICP Metals Scan” means for the purpose of the Licence elements detected using Inductively Coupled Plasma (ICP) mass spectrometer. Metal parameters chose to be included in an ICP Metals Scan under the Licence should be consistent with baseline data previously collected, and include in particular Arsenic, Copper, Zinc, Nickel and Lead, and include any other metals of concern or interest;	“ICP Metals Scan” means elements detected using Inductively Coupled Plasma (ICP) mass spectrometer. Metal parameters chose to be included in an ICP Metals Scan under the Licence should be consistent with baseline data previously collected, and include any metals of concern or interest;

DRAFT

Part	Item	Sub	Term and Condition Current	Core Licence/ Amend No.	Proposed Changes	Proposed Terms
Sch. A			"Inspector" means an Inspector designated by the Minister under section 85 (1) of the Act;	Core	<i>No Change</i>	"Inspector" means an Inspector designated by the Minister under section 85 (1) of the Act;
Sch. A			"Interim Closure and Reclamation Plan" means a conceptual detailed plan on the reclamation of mine components which will not be closed until the end of the mining operations, and operational detail for components which are to be progressively reclaimed throughout the mine life;	Core	<i>Delete Term</i>	
Sch. A			"Landfarm Facility" means the proposed facility to be designed and constructed for treating of petroleum hydrocarbon contaminated soil as described in the Application, including the document entitled <i>Landfarm Management Plan</i> , dated December 2014;	Core	"Landfarm Facility" means the proposed facility to be designed and constructed for treating of petroleum hydrocarbon contaminated soil as described in the Application, including the document entitled <i>Landfarm Management Plan</i> , dated December 2014 <i>March 2016</i> ;	"Landfarm Facility" means the for treating of petroleum hydrocarbon contaminated soil as described in the Application, including the document entitled <i>Landfarm Management Plan</i> , dated <i>March 2016</i> ;
Sch. A			"Landfill Facility" means the existing or historical Waste disposal facility constructed for the purposed of treating non-hazardous and/or non-combustible Waste generated by the Project as described in the Application;	Core	"Landfill Facility" means the existing or historical Waste disposal facility constructed for the purposed of <i>disposing of treating</i> non-hazardous and/or non-combustible Waste generated by the Project as described in the <i>Landfill Management Plan</i> , dated <i>March 2016</i> ; <i>Application</i> ;	"Landfill Facility" means the existing or historical Waste disposal facility constructed for the purposed of <i>disposing of</i> non-hazardous and/or non-combustible Waste generated by the Project as described in the <i>Landfill Management Plan</i> , dated <i>March 2016</i> ;
Sch. A			"Licence" means this Type "A" Water Licence No 2AM-LUP1520, issued by the Nunavut Water Board in accordance with the <i>Act</i> , to Lupin Mines Incorporated for the Care and Maintenance Phase and Transition Phase for the Lupin Mine, which involves a Mining undertaking;	Core	"Licence" means this Type "A" Water Licence No 2AM-LUP 1520 <i>2030</i> , issued by the Nunavut Water Board in accordance with the <i>Act</i> , to Lupin Mines Incorporated for the Care and Maintenance Phase and Transition Phase for the Lupin Mine., which involves a Mining undertaking;	"Licence" means this Type "A" Water Licence No 2AM-LUP 1520 <i>2030</i> , issued by the Nunavut Water Board in accordance with the <i>Act</i> , to Lupin Mines Incorporated for the Lupin Mine;
Sch. A			"Licensee" means the entity to which Licence 2AM-LUP1520 is issued or assigned;	Core	"Licensee" means the entity to which Licence 2AM-LUP 1520 <i>(TBD)</i> is issued or assigned;	"Licensee" means the entity to which Licence 2AM-LUP 1520 <i>(TBD)</i> is issued or assigned;
Sch. A			"Maximum Average Concentration" means the maximum allowable arithmetic mean of any four consecutive analytical results submitted to the Board in accordance with the sampling and analysis requirements specified in the "Monitoring Program";	Core	"Maximum Average Concentration" means the maximum allowable arithmetic mean of any four consecutive analytical results <i>of samples collected from the identical sampling location during any given timeframe</i> ; submitted to the Board in accordance with the sampling and analysis requirements specified in the "Monitoring Program" ;	"Maximum Average Concentration" means the arithmetic mean of any four consecutive analytical results <i>of samples collected from the identical sampling location during any given timeframe</i> ;
Sch. A			"Maximum Average Concentration for Fecal Coliform"	Core	<i>Delete Term</i>	

DRAFT

Part	Item	Sub	Term and Condition Current	Core Licence/ Amend No.	Proposed Changes	Proposed Terms
Sch. A			“Metal Leaching” means the mobilization of metals into solution under neutral, acidic or alkaline conditions;	Core	<i>No Change</i>	“Metal Leaching” means the mobilization of metals into solution under neutral, acidic or alkaline conditions;
Sch. A			“Minewater” means groundwater or any water used in mining, which is pumped or flows out of any underground workings or open pit;	Core	“Minewater” means groundwater or any water, including groundwater used in mining, which is pumped or flows out of any underground workings or open pit;	“Minewater” means any water, including groundwater , which is pumped or flows out of any underground workings or open pit;
Sch. A			“Minister” means the Minister of Indian and Northern Affairs Canada (AANDC) also referred to as Aboriginal Affairs and Northern Development Canada (AANDC);	Core	“Minister” means the Minister of Crown-Indigenous Relations and Northern Affairs Canada (CIRNAC, formerly Indigenous and Northern Affairs Canada) . Indian and Northern Affairs Canada (AANDC) also referred to as Aboriginal Affairs and Northern Development Canada (AANDC);	“Minister” means the Minister of Crown-Indigenous Relations and Northern Affairs Canada (CIRNAC, formerly Indigenous and Northern Affairs Canada) ;
Sch. A			“Modification” means an alteration to a physical work that introduces new structure or eliminates an existing structure and does not alter the purpose or function of the work, but does not include an expansion; changes to the operating system that are consistent with the terms of this Licence and do not require amendment;	Core	“Modification” means an alteration to a physical work that introduces new structure or eliminates an existing structure and does not alter the purpose or function of the work; but does not include an expansion; changes to the operating system that are consistent with the terms of this Licence and do not require amendment;	“Modification” means an alteration to a physical work that introduces new structure or eliminates an existing structure and does not alter the purpose or function of the work;
Sch. A			“Monitoring Program” means the program to collect data on surface water and Ground Water quality to assess impacts to the environment of an appurtenant undertaking;	Core	“Monitoring Program” means the program to collect data on surface water and Ground Water quality and quantity to assess impacts to the environment of an appurtenant undertaking;	“Monitoring Program” means the program to collect data on surface water and Ground Water quality and quantity to assess impacts to the environment of an appurtenant undertaking;
Sch. A			“Monthly” means, in the context of monitoring frequency, one sampling event occurring every thirty (30) days with a minimum of twenty-one (21) days between sampling events;	Core	<i>No Change</i>	“Monthly” means, in the context of monitoring frequency, one sampling event occurring every thirty (30) days with a minimum of twenty-one (21) days between sampling events;
Sch. A			“Nunavut Land Claims Agreement” (NLCA) means the “ <i>Agreement Between the Inuit of the Nunavut Settlement Area and Her Majesty the Queen in Right of Canada,</i> ” including its preamble and schedules, and any amendments to that agreement made pursuant to it;	Core	“Nunavut Land Claims Agreement” (NLCA) means the “ <i>Agreement Between the Inuit of the Nunavut Settlement Area and Her Majesty the Queen in Right of Canada,</i> ” including its preamble and schedules, and any amendments to that agreement made pursuant to it;	“Nunavut Agreement” means the “ <i>Agreement Between the Inuit of the Nunavut Settlement Area and Her Majesty the Queen in Right of Canada,</i> ” including its preamble and schedules, and any amendments to that agreement made pursuant to it;
Sch. A			“Operations Phase” means the set of activities associated with mining, ore processing, and gold recovery, excluding activities linked to the Care and Maintenance Phase, the Transition Phase, construction and decommissioning, and	Core	<i>Delete Term</i>	

DRAFT

Part	Item	Sub	Term and Condition Current	Core Licence/ Amend No.	Proposed Changes	Proposed Terms
			activities and/or undertakings for which an amendment to Licence No.2AM-LUP1520 will be required;			
Sch. A					<i>New Term</i>	“Post Closure” means the period of time after the Closure Phase where confirmatory water quality, stability, aquatic effects, and ecosystem monitoring is conducted in order to ensure closure objectives have been met.
Sch. A			“Progressive Reclamation” means those reclamation activities conducted during the operation period of the mine prior to modification of final closure, to modify and restore the land and water to standards acceptable to the board;	Core	<i>No Change</i>	“Progressive Reclamation” means those reclamation activities conducted during the operation period of the mine prior to modification of final closure, to modify and restore the land and water to standards acceptable to the board;
Sch. A			“Quality Assurance/Quality Control (QA/QC)” Quality Assurance means the system of activities designed to better ensure that quality control is done effectively; Quality Control means the use of established procedures to achieve standards of measurement for the three principle components of quality: precision, accuracy and reliability;	Core	<i>No Change</i>	“Quality Assurance/Quality Control (QA/QC)” Quality Assurance means the system of activities designed to better ensure that quality control is done effectively; Quality Control means the use of established procedures to achieve standards of measurement for the three principle components of quality: precision, accuracy and reliability;
Sch. A			“Receiving Environment” means both the aquatic and terrestrial environments that receive any discharge resulting from the Project;	Core	<i>No Change</i>	“Receiving Environment” means both the aquatic and terrestrial environments that receive any discharge resulting from the Project;
Sch. A			“Reclamation” means the process of returning the mine site and affected areas to viable and, wherever practicable, self-sustaining ecosystems that are compatible with a healthy environment and with human activities;	Core	“Reclamation” means the process of returning a disturbed the mine-site to its natural state or one for other productive uses that prevents or minimizes any adverse effects on the and affected areas to viable and, wherever practicable, self-sustaining ecosystems that are compatible with a healthy environment or threats to and with human health and safety. activities;	“Reclamation” means the process of returning a disturbed site to its natural state or one for other productive uses that prevents or minimizes any adverse effects on the environment or threats to human health and safety;
Sch. A			“Recognized Closed Mine” means a recognized closed mine as defined by section (1) of the Metal Mining Effluent Regulations SOR/2002-222 dated 6 June 2002;	Core	“Recognized Closed Mine” means a recognized closed mine as defined by section (1) of the Metal and Diamond Mining Effluent Regulations SOR/2002-222 dated 6 June 2002 (last amended June 1, 2018);	“Recognized Closed Mine” means a recognized closed mine as defined by section (1) of the Metal and Diamond Mining Effluent Regulations SOR/2002-222 (last amended June 1, 2018);
Sch. A			“Regulations” means the Nunavut Waters Regulations SOR 2013/669 18th April, 2013;	Core	“Regulations” means the Nunavut Waters Regulations SOR 2013/669 18th April, 2013;	“Regulations” means the Nunavut Waters Regulations SOR 2013/669;

DRAFT

Part	Item	Sub	Term and Condition Current	Core Licence/ Amend No.	Proposed Changes	Proposed Terms
Sch. A			"Seepage" means any Water that drains through or escapes from any site structure designed to contain, withhold, divert or retain water or waste. Seepage also includes any flows that have emerged through open pits, runoff from waste rock and ore stockpile areas, quarries, Landfill, Landfarm and other facilities;	Core	"Seepage" means any Water that drains through or escapes from any site structure designed to contain, withhold, divert or retain water or waste. Seepage also includes any flows that have emerged through open pits, runoff from waste rock, and ore stockpile areas, quarries, Landfill, or Landfarm areas and other facilities;	"Seepage" means any Water that drains through or escapes from any structure designed to contain, withhold, divert or retain water or waste. Seepage also includes any flows that have emerged through open pits, runoff from waste rock, ore stockpile areas, quarries, Landfill, or Landfarm areas ;
Sch. A			"Sewage" means all toilet wastes and greywater;	Core	<i>No Change</i>	"Sewage" means all toilet wastes and greywater;
Sch. A			"Sewage Lakes Disposal Facilities" includes the sewage treatment area and the engineered structures designed to contain and treat Sewage as described in Drawing Number LUSEW95.DWG entitled "Lupin Mine-Sewage Lakes Disposal Plan-General Arrangement" updated March, 1995 and in the Application;	Core	"Sewage Lakes Disposal Facilities" includes means the sewage treatment area and the engineered structures designed to contain and treat Sewage as described in Drawing Number LUSEW95.DWG entitled "Lupin Mine-Sewage Lakes Disposal Plan-General Arrangement", updated March, 1995 and in the Application ;	"Sewage Lakes Disposal Facilities" means the sewage treatment area and the engineered structures designed to contain and treat Sewage as described in Drawing Number LUSEW95.DWG entitled "Lupin Mine-Sewage Lakes Disposal Plan-General Arrangement", updated March, 1995;
Sch. A			"Soil Quality Remediation Objectives (SQROs)" means the numerical concentration established as target value for soil quality remediation for contaminated sites as determined with guidance provided by the <i>Canadian Council of Ministers of the Environment (CCME)</i> ;	Core	<i>Delete Term</i>	
Sch. A			"Sump or Sumps" A structure or depression that collects, controls, and filters liquid waste before it is released to the environment. This structure should be designed to prevent erosion while allowing percolation of liquid waste.	Core	"Sump or Sumps" A means a structure or depression that collects, controls, and filters liquid waste before it is released to the environment. This structure should be designed to prevent erosion while allowing percolation of liquid waste.	"Sump or Sumps" A means a structure or depression that collects, controls, and filters liquid waste before it is released to the environment. This structure should be designed to prevent erosion while allowing percolation of liquid waste.
Sch. A			"Tailings" means material rejected from the mill after the recoverable valuable minerals have been extracted;	Core	<i>No Change</i>	"Tailings" means material rejected from the mill after the recoverable valuable minerals have been extracted;
Sch. A			"Tailings Containment Area (TCA)" consists of the Tailings containment basin and the engineered structures designed to contain Tailings as described in Drawing Number LUTA195.DWG entitled "Lupin Mine-Tailings Impoundment Plan-General Arrangement" dated January, 1995 and as described in the Application;	Core	"Tailings Containment Area (TCA)" means the area consists of the Tailings containment basin and the engineered structures designed to contain Tailings as described in as described in the Lupin Mine Site, Final Closure and Reclamation Plan, July 2018 and general arrangement Figure 3; Drawing Number LUTA195.DWG entitled "Lupin Mine-Tailings Impoundment Plan-General Arrangement" dated January, 1995; and as described in the Application;	"Tailings Containment Area (TCA)" means the area of the Tailings containment basin and the engineered structures designed to contain Tailings as described in the Lupin Mine Site, Final Closure and Reclamation Plan, July 2018 and general arrangement Figure 3

DRAFT

Part	Item	Sub	Term and Condition Current	Core Licence/ Amend No.	Proposed Changes	Proposed Terms
Sch. A			“Transition Phase” refers to the phase in which project activities including Water use may “ramp up” within specific or allowable thresholds for a predefined period of time and for the purposes of assess operational requirements but not including active mining and milling operations.	Core	<i>Delete Term</i>	
Sch. A			“Use” means use as defined in section 4 of the Act;	Core	“Use” means Water use as defined in section 4 of the Act;	“Use” means Water use as defined in section 4 of the Act;
Sch. A			“Waste” means waste as defined in section 4 of the Act;	Core	<i>No Change</i>	“Waste” means waste as defined in section 4 of the Act;
Sch. A			“Waste Management Facilities” means all facilities designated for the storage, treatment, and disposal of all Waste generated by the project;	Core	“Waste Management Facilities” means all facilities site infrastructure designated designed to contain Waste on a temporary or permanent basis including the Tailings Containment Area, Sewage Lakes Disposal Facilities, Landfill and Landfarm; for the storage, treatment, and disposal of all Waste generated by the project;	“Waste Management Facilities” means all site infrastructure designed to contain Waste on a temporary or permanent basis as described in the Final Closure and Reclamation Plan(s);
Sch. A			“Water” means water as defined in section 4 of the Act;	Core	<i>No Change</i>	“Water” means water as defined in section 4 of the Act;
Sch. A			“Water Supply Facility” comprises the Fresh Water Intake and associated infrastructure as identified in Drawing Number LUWAT95.DWG entitled "Lupin Mine-Raw Water Supply Plan General Arrangement" updated March, 1995, and described in the Application;	Core	“Water Supply Facility” comprises the Fresh Water Intake and associated infrastructure as identified in Drawing Number LUWAT95.DWG entitled "Lupin Mine-Raw Water Supply Plan General Arrangement" updated March, 1995, and described in the Application;	“Water Supply Facility” comprises the Fresh Water Intake and associated infrastructure as identified in Drawing Number LUWAT95.DWG entitled "Lupin Mine-Raw Water Supply Plan General Arrangement" updated March, 1995;
Sch. A			“Weekly” means, in the context of monitoring frequency, one sampling event occurring every 7 days with a minimum of five (5) days between sampling events.	Core	<i>No Change</i>	“Weekly” means, in the context of monitoring frequency, one sampling event occurring every 7 days with a minimum of five (5) days between sampling events.
Sch. B			General Conditions	Core	<i>No Change</i>	General Conditions
Sch. B	1		The Annual Report referred to in, shall include:	Core	<i>No Change</i>	The Annual Report referred to in, shall include:
Sch. B	1	a	The monthly and annual quantities in cubic metres of Water pumped from Contwoyto Lake at Station Number LUP-01;	Core	<i>No Change</i>	The monthly and annual quantities in cubic metres of Water pumped from Contwoyto Lake at Station Number LUP-01;
Sch. B	1	b	The monthly and annual quantities in cubic metres of treated Tailings Effluent discharged at Station Number LUP-10;	Core	<i>No Change</i>	The monthly and annual quantities in cubic metres of treated Tailings Effluent discharged at Station Number LUP-10;

DRAFT

Part	Item	Sub	Term and Condition Current	Core Licence/ Amend No.	Proposed Changes	Proposed Terms
Sch. B	1	c	The monthly and annual quantities in cubic metres of Minewater discharged at Station Number LUP-11;	Core	<i>No Change</i>	The monthly and annual quantities in cubic metres of Minewater discharged at Station Number LUP-11;
Sch. B	1	d	The monthly and annual quantities in cubic metres of treated Sewage Effluent discharged at Station Number LUP-14;	Core	<i>No Change</i>	The monthly and annual quantities in cubic metres of treated Sewage Effluent discharged at Station Number LUP-14;
Sch. B	1	e	Details on the types and quantities of Hazardous Waste and chemicals stored on site	Core	<i>No Change</i>	Details on the types and quantities of Hazardous Waste and chemicals stored on site
Sch. B	1	f	Tabular summaries of all data generated under the "Monitoring Program";	Core	<i>No Change</i>	Tabular summaries of all data generated under the "Monitoring Program";
Sch. B	1	g	A summary of actions taken to address concerns or deficiencies listed in the inspection reports and/or compliance reports filed by an Inspector;	Core	<i>No Change</i>	A summary of actions taken to address concerns or deficiencies listed in the inspection reports and/or compliance reports filed by an Inspector;
Sch. B	1	h	A summary of modification and/or major maintenance work carried out on the Water supply and the Waste disposal facilities, including all associated structures;	Core	<i>No Change</i>	A summary of modification and/or major maintenance work carried out on the Water supply and the Waste disposal facilities, including all associated structures;
Sch. B	1	i	A list and description of all unauthorized discharges including volumes, spill report line identification number and summaries of follow-up action taken;	Core	<i>No Change</i>	A list and description of all unauthorized discharges including volumes, spill report line identification number and summaries of follow-up action taken;
Sch. B	1	j	Where applicable, revisions as Addendums, with an indication of where changes have been made, for Plans, Reports, and Manuals;	Core	<i>No Change</i>	Where applicable, revisions as Addendums, with an indication of where changes have been made, for Plans, Reports, and Manuals;
Sch. B	1	k	Updated status of any progressive reclamation as it relates to tailings cover remediation and justification for not proceeding to full reclamation under Part I, Item 7;	Core	<i>Delete Term</i>	
Sch. B	1	l	A summary of public consultation and participation with local organizations and the residents of the nearby communities, including a schedule of upcoming community events and information sessions.	Core	<i>No Change</i>	A summary of public consultation and participation with local organizations and the residents of the nearby communities, including a schedule of upcoming community events and information sessions.
Sch. B	1	m	A summary of any abandonment and reclamation work completed during the year and an outline of any work anticipated for the next year;	Core	<i>No Change</i>	A summary of any abandonment and reclamation work completed during the year and an outline of any work anticipated for the next year;

DRAFT

Part	Item	Sub	Term and Condition Current	Core Licence/ Amend No.	Proposed Changes	Proposed Terms
Sch. B	1	n	Any other details on Water use or Waste disposal requested by the Board by the Board by November 1 of the year being reported.	Core	<i>No Change</i>	Any other details on Water use or Waste disposal requested by the Board by the Board by November 1 of the year being reported.
Sch. B	2				<i>New</i>	The Post Closure Monitoring Plan referred to in Part J, Item (TBD) shall include, an update to Schedule B for Annual Reporting requirement reflective of the Post Closure Phase.
Sch. C			Conditions Applying to Security		<i>New Schedule - Refer to Attachment A</i>	
Sch. D			Conditions Applying Water use	Core	<i>Delete Schedule</i>	
Sch. D	1		If the Licensee decides to amend and/or renew the Licence, the Licensee should include the following information as part of any Application to the Board:	Core	<i>Delete Schedule</i>	
Sch. D	1	a	The quantity of Water required for under the proposed renewed and/or amended licence;	Core	<i>Delete Schedule</i>	
Sch. D	1	b	Proposed sources or Water bodies from which the Water will be withdrawn;	Core	<i>Delete Schedule</i>	
Sch. D	1	c	Hydrology assessment of the Water sources or bodies from which all Water will be withdrawn;	Core	<i>Delete Schedule</i>	
Sch. G			Conditions Applying to Construction	Core	Conditions Applying to Construction and Operations	Conditions Applying to Construction and Operations
Sch. G	1		The Construction Monitoring Report referred to in Part G, Item 3 shall include:	Core	<i>Change to Item No. otherwise no change</i>	The Construction Monitoring Report referred to in Part G, Item 3 shall include:
Sch. G	1	a	A summary of construction activities including photographic records before, during and after construction;	Core	<i>Change to Item No. otherwise no change</i>	A summary of construction activities including photographic records before, during and after construction;
Sch. G	1	b	As-built drawings;	Core	<i>Change to Item No. otherwise no change</i>	As-built drawings;
Sch. G	1	c	Documentation of field decisions that deviate from original plans and any data used to support these decisions;	Core	<i>Change to Item No. otherwise no change</i>	Documentation of field decisions that deviate from original plans and any data used to support these decisions;

DRAFT

Part	Item	Sub	Term and Condition Current	Core Licence/ Amend No.	Proposed Changes	Proposed Terms
Sch. G	1	d	Discussion of mitigation measures implemented during construction as well as their effectiveness;	Core	<i>Change to Item No. otherwise no change</i>	Discussion of mitigation measures implemented during construction as well as their effectiveness;
Sch. G	1	e	Monitoring undertaken in accordance with Part G;	Core	<i>Change to Item No. otherwise no change</i>	Monitoring undertaken in accordance with Part G;
Sch. G	1	f	Blast vibration monitoring for any quarrying activity carried out in close proximity to fish bearing waters; and	Core	<i>No Change</i>	Blast vibration monitoring for any quarrying activity carried out in close proximity to fish bearing waters; and
Sch. G	1	g	Monitoring for sediment release from construction areas.	Core	<i>No Change</i>	Monitoring for sediment release from construction areas.
Sch. I			Conditions Applying to Abandonment, Reclamation and Closure Planning	Core		
Sch. I	1		The Final Abandonment, Reclamation and Closure Plan referred to in Part I, Item 6 shall, be developed in accordance with the <i>Mine Site Reclamation Guidelines for the Northwest Territories, 2007</i> and be consistent with the <i>INAC Mine Site Reclamation Policy for Nunavut, 2002</i> as well as address the following:	Core	<i>Delete Term</i>	
Sch. I	1	a	Disposal information for unsold accommodation facilities;	Core	<i>Delete Term</i>	
Sch. I	1	b	Disposal of contaminated soils;	Core	<i>Delete Term</i>	
Sch. I	1	c	Inspections for fuel/oil spills and inspection of fuel containment facilities;	Core	<i>Delete Term</i>	
Sch. I	1	d	Information on the geotechnical requirements, slope and the placement of rip rap along the downstream side of Dam 4;	Core	<i>Delete Term</i>	
Sch. I	1	e	Detailed drawings, activities, construction schedules and techniques - for the breakwater and causeway; and	Core	<i>Delete Term</i>	
Sch. I	1	f	Incorporation of recommendation made in the report entitled "Closure Cost Estimate and Scoping of Mine Closure Issues, Lupin Mine NWT," (Golder Associates, 1997);	Core	<i>Delete Term</i>	
Sch. I	1	g	An outline of methods to contain potential pore water expulsion from the TCA;	Core	<i>Delete Term</i>	
Sch. I	1	h	Identification of contaminated soil sites at the mine site;	Core	<i>Delete Term</i>	

DRAFT

Part	Item	Sub	Term and Condition Current	Core Licence/ Amend No.	Proposed Changes	Proposed Terms
Sch. I	1	i	A summary of existing data for background levels of metals in the area, and identification of needs for verification of data or reassessment with modern detection limits;	Core	<i>Delete Term</i>	
Sch. I	1	j	Soil Quality Remediation Objectives along with CCME Guidelines and the Government of Nunavut <i>Environmental Guideline for Site Remediation</i> ;	Core	<i>Delete Term</i>	
Sch. I	1	k	Environmental Site Assessment plans in accordance Canadian Standards Association (CSA) criteria;	Core	<i>Delete Term</i>	
Sch. I	1	l	An evaluation of the Human Health and Ecological Risk associated with closure options;	Core	<i>Delete Term</i>	
Sch. I	1	m	Description of reclamation activities outlined in the Interim Abandonment, Reclamation and Closure Plan.	Core	<i>Delete Term</i>	
Sch. I	1	n	An implementation schedule for the completion of reclamation; and	Core	<i>Delete Term</i>	
Sch. I	1	o	A detailed monitoring program.	Core	<i>Delete Term</i>	
Sch. J			Conditions Applying to the Monitoring Program	Core		
Sch. J	1		Post Closure Monitoring Plan		<i>New Term</i>	The Post Closure Monitoring Plan referred to in Part J, Item (TBD), shall include: a. An updated framework for annual reporting requirements as required by Schedule B, Item 2. b. Existing and Future Instrumentation Monitoring.

Notes:

- (1) Waste Management Plan (Solid and Hazardous) (March 2016), was originally Appendix 1 to Care & Maintenance Plan (March 2016);
- (2) Liquid Waste Management; (March 2016) was originally Appendix 2 to Care & Maintenance Plan (March 2016);
- (3) Monitoring and Inspection Schedule (March 2016) was originally Appendix 4 to Care & Maintenance Plan (March 2016);
- (4) Water Quality Monitoring Plan and Quality Assurance/Quality Control Plan (March 2016) was originally Appendix A of the Liquid Waste Management Plan (March 2016);
- (5) Final Closure Plan for Tailings Containment Area (January 2005) approved by the NWB in licence renewal issued August 19, 2015 by Part I, Item 1(b).