

SCHEDULE D – ANNUAL REPORTING REQUIREMENTS

The Annual Report must include all of the information indicated in each area. A concordance table must be submitted with the Annual Report and show where the response to each information request can be found. Information requirements that do not apply to the Undertaking at its current stage must be marked in the concordance table as “Not Applicable”.

All raw data and reports must be appended to the Annual Report.

1 Mine Development and Operations

This section, and the following subsections, must include a summary of all construction, development and production activities associated with the Undertaking. This section must include:

- a) a map showing the status of all engineered structures, works, and installations associated with the Undertaking; and
- b) an overlay map showing the underground mining areas.

1.1 Underground Mining

This section must include a summary of all underground mining activities including, but not limited to:

- a) a map showing the extent of all underground mining areas;
- b) as-built drawings of the underground mining area(s) and associated engineered structures, works or installations constructed or altered at the Undertaking during the reporting year;
- c) a summary of any exploration activities conducted to support underground mining;
- d) a summary of changes made to the underground mine development and operations plans that were authorized through an inspector's variation notice and any minor modifications from final designs submitted pursuant to condition 7.3 of the License;
- e) updated drawings for electrification and ventilation of underground development areas if variations from the approved mine plan occurred;
- f) provide the results and interpretation from all quality assurance and quality control programs related to underground mining activities; and
- g) a table indicating the amount of ore extracted, from each underground ore body mined during the year.

Underground Mining Ore Body	Ore Extracted from Area in reporting year (tonnes)	Ore Extracted throughout operating life (tonnes)
<i>Each ore body/zone presented in separate rows</i>		

1.2 Ore Processing and Concentrate Production

This section must include a summary of all ore processing and production activities including, but not limited to:

- a) as-built drawings of the processing facilities and associated engineered structures, works or installations constructed or altered at the Undertaking during the reporting year;
- b) types and amounts of reagents used during ore processing throughout the year, and a comparison of the annual consumption versus the average annual consumption totals for each reagent throughout the operating life;
- c) provide the results and interpretation from all quality assurance and quality control programs related to ore processing and production activities; and
- d) provide the following summary table with respect to milling and production of concentrate. Provide information on each commodity of interest produced.

	Total Ore milled (tonnes)	Average head grade of ore milled	Total Concentrate produced (dmt)	Average concentrate grade (% or g/t)	Total Concentrate removed from site (dmt)
Reporting year (each reporting year insert a new row)					
Cumulative total from the License Effective Date					

1.3 Ore Stockpiles

This section must include a summary of all ore stockpiling activities including, but not limited to:

- a) the total amount, type and the average grade of ore in each stockpile as of December 31st of the reporting year;
- b) map(s) showing the location, designated name, footprint size (m²) and storage limit (m³) of each stockpile; and
- c) a table depicting the monthly totals of ore added to and removed from each stockpile throughout the reporting year.

	Month (separate column for each month, if no ore is present mark as 0)	Reporting Year Cumulative Total
Volume (m ³) of ore placed in stockpile(s) (separated by grade if applicable)		
Volume (m ³) of ore removed from stockpile(s) (separated by grade if applicable)		

1.4 Waste Rock and Overburden

This section must include a summary of all waste rock and overburden management activities including, but not limited to:

- a) as-built drawings of the waste rock management facilities and associated engineered structures, works or installations constructed or altered at the Undertaking during the reporting year;
- b) a summary of changes made to the waste rock and overburden management plans that were authorized through an inspector's variation notice or minor modifications from final designs submitted pursuant to condition 7.3 of the License;
- c) the results and interpretation from all quality assurance and quality control programs related to waste rock management activities; and
- d) the following table summarizing the total amount of waste rock excavated at the Undertaking and stored in each waste rock management facility. If there are multiple storage locations, each must be reported in a separate row.

	Reporting Year (each reporting year insert a new column)	Cumulative total from the License Effective Date
Waste rock excavated at the Undertaking (t)		
Volume used for construction (m ³) <i>broken into locations where material was used</i>		
Volume stockpiled for construction (m ³)		
Volume placed in Waste Rock Management Facilities (m ³)		
Volume placed in temporary areas (m ³)		
Volume used for underground backfilling (m ³)		
Volume of overburden stockpiled (m ³)		

1.5 Tailings

This section must include a summary of all tailings management activities including, but not limited to:

- a) as-built drawings of the tailings management facilities and associated engineered structures, works or installations constructed or altered at the Undertaking during the reporting year;
- b) a summary of changes made to the tailings management plan that were authorized through an inspector's variation notice and any minor modifications from final designs submitted pursuant to condition 7.3 of the License;
- c) a summary of long term humidity cell tests of co-mingled tailings results;
- d) a table summarizing the amount of tailings deposited in each tailings management facility throughout the reporting year, the cumulative total from the License Effective Date and the remaining storage capacity in the facility;
- e) the amount of pyritic and other tailings disposed of underground and the location of its deposition.

	Reporting Year	Cumulative total from the License Effective Date	Remaining Storage Capacity in Facility
Volume of tailings produced (m ³)			
Volume of tailings placed as dry stacked tailings (m ³)			
Volume of tailings placed as a slurry (m ³)			

- f) the updated Operations, Maintenance and Surveillance Manual:
 - i. as vacant positions are filling and on an ongoing bases to reflect current status/conditions; and
 - ii. as the result of practical operational experience or where any additional monitoring or operational modifications are recommended pursuant to condition 13.4 of the License;
- g) provide the results and interpretation from all quality assurance and quality control programs related to tailings storage and management activities.

2 **Emergency Response, and Health and Safety**

Provide the following information in relation to the health and safety of employees:

- a) a report on the implementation of the emergency response and health and safety plan that includes triggered events, responses, plan updates and training opportunities. This report must include:
 - i. number of days incident free;

- ii. number and summary of incidents during the reporting year, the responses to these events, and any resulting amendments to emergency procedures; and
- iii. number and summary of near misses;
- b) number of times onsite health care attendants responded to non-life-threatening injuries or illnesses;
- c) number of times onsite health care attendants responded to life-threatening injuries or illnesses; and
- d) number of times that the Licensee had to seek outside health care services for urgent and non-urgent medical needs.

3 Camp and Ancillary Infrastructure

Provide the following information in relation to the operation of the camp and ancillary infrastructure:

- a) as-built drawings of the camp and any associated engineered structures, buildings, works or installations constructed or altered at the Undertaking during the reporting year; and
- b) remedial actions taken as a result of inspections by territorial or federal agencies.

4 Access and Transportation Management

Provide the following information in relation to transportation on site including the construction, use and management of roads and trails.

- a) an up to date map showing all roads and trails, associated with the Undertaking;
- b) as-built drawings of transportation infrastructure constructed or altered at the Undertaking during the reporting year;
- c) a summary of the volume of traffic, access control issues, wildlife incidents and other accidents, and any upgrade or maintenance work conducted during the reporting year;
- d) a summary of any upgrade or maintenance work planned for the upcoming year;
- e) a summary of the previous and projected use of mine site and access roads; and
- f) the results and interpretation from all quality assurance and quality control programs related to the construction and management of the transportation infrastructure under the Licensee's control.

5 Physical Monitoring

This section must summarize all monitoring and remedial activities undertaken to ensure the physical stability of engineered structures or natural features. The summary must include, but not be limited to the following:

- a) a report on the execution of the physical monitoring program that includes data from monitoring instrumentation, copies of internal and external inspections, and copies of supporting audits and evaluations undertaken throughout the reporting year;

- b) a summary report on the performance of engineered structures in service during the reporting year, including:
 - i. any operational deficiencies or failures to achieve operational requirements;
 - ii. a detailed record of any major maintenance work carried out;
 - iii. plans to conduct major maintenance work for the following year;
 - iv. a status report on any backup equipment and supplies for emergency management of the engineered structure, including records of exercising such equipment; and
 - v. records of any leakage from the engineered structure;
- c) a summary of any physical instability incidents in the underground mining areas, waste rock storage facilities or tailings facilities;
- d) details respecting any action taken as a result of the recommendations made by the independent engineer in relation to the inspection referred to in 13.2 of the License;
- e) details respecting the results of the ground conditions and support audit, for each mine area; and
- f) any remaining activities related to recommendations that could not be completed during the reporting year and a timeline for their completion.

6 Environmental Monitoring and Management

This section must provide a summary of all activities relating to environmental protection, monitoring, surveillance and management of the Undertaking, including:

- a) a summary of the programs undertaken for environmental protection, monitoring, surveillance and environmental management as outlined by the License, including an analysis of these data and any action taken or adaptive management strategies implemented to monitor or address any changes in environmental performance;
- b) include a summary of any changes to monitoring instrumentation, methodologies or frequencies;
- c) a report on the implementation of the Adaptive Management Plan that includes triggered events, responses, plan updates and engagement activities. This report must include:
 - i. a table of thresholds that were exceeded and the responses to these exceedances;
 - ii. an analysis of trends being seen in relation to the indicators, thresholds and exceedances;
 - iii. identification of performance thresholds that are continually exceeded; and
 - iv. a review of the site load and water balance model, updates to the model must be provided if necessary;
- d) a summary and interpretation of geochemical tests undertaken on mine waste materials and ore, including humidity cells and kinetic tests, including the assumptions and conclusions of the geochemical predictions and the effectiveness of existing mitigation measures;

- e) the results of any long-term column tests to study the geochemistry of mine waste materials, ore or water treatment residuals, and implications on the physical stability of facilities prone to geochemical weathering of such materials;
- f) a summary of results on the DSTF cover performance: specifically addressing seeps collected from the toe of the DSTF, volume of the seeps monitored, and an estimate of the reduction in precipitation infiltration from the area of the DSTF that was covered;
- g) a summary of invasive plants that have been identified on the site and measures taken to control or remove invasive plants;
- h) a summary of spills and accidents that occurred at the site and measures taken to respond to any spills or accidents, whether reported to the Yukon spills line or another Yukon government authority;
- i) a summary of all dust, noise, and traffic related incidences as reported by the public and residents of Keno City;
- j) a summary of any site improvements undertaken to address sediment and erosion control;
- k) an inventory of hazardous substances stored on-site and a description of storage environments and locations;
- l) provide the results and interpretation from all quality assurance and quality control programs related to environmental protection, monitoring, surveillance and management of the Undertaking; and
- m) a summary of all engineered structures, works or installations constructed or altered during the reporting year that are used to support the environmental protection, monitoring, surveillance and management at the Undertaking (i.e. solid waste disposal, sediment and erosion control measures).

7 Socio-Economic Monitoring

This section must include a summary of actions taken by the Licensee with respect to implementation of project specific socio-economic plans and programs, including but not limited to the following:

- a) a summary of action taken by the Licensee with respect to implementation of "Keno City Socio- Economic Mitigation Plan" described in YESAB 2013-0161 Decision Document condition 33; and
- b) a summary of action taken by the Licensee with respect engagement with Keno City residents in developing the Noise Monitoring and Mitigation Plan.

8 Greenhouse Gas Emissions and Climate Change

This section must provide a summary of greenhouse gas emissions and climate change impacts, including but not limited to the following:

- a) provide the following information on fuel use throughout the reporting year. Where it is reasonable to do so, please distinguish between fuel volumes used for mining and production operations, exploration activities, and closure activities;

	Volume delivered to site (in Litres)	Renewable Fuel Content (%)	Development/ production activities (in Litres)	Exploration activities (in Litres)	Closure activities (in Litres)
Heating Fuel (oil)					
Heating Fuel (propane)					
Heating Fuel (other)					
Aviation Fuel (Jet A)					
Aviation Fuel (Jet B)					
On-site transportation (diesel)					
On-site transportation (gasoline)					
Off-road transportation (diesel) ¹					
Off-road transportation (gasoline)					
Off-site transportation (diesel) ²					
Off-site transportation (gasoline)					
Electricity production (diesel)					

b) provide the following information for electricity purchased or generated on site;

Source	kWh Energy
Purchased from grid	
Produced using diesel	
Produced using LNG	

¹ E.g., exploration activities.

² E.g., personnel/supplies transport to and from site; concentrate/product transport on Yukon roadways.

Produced using renewable resources (e.g. solar, wind)	
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- c) report the hectares of land clearing undertaken throughout the reporting year attributed to exploration, production and closure;
- d) describe activities undertaken throughout the reporting year to reduce project emissions;
 - v. describe future options to reduce greenhouse gas emissions; and
 - vi. describe how you will evaluate options for greenhouse gas reductions;
- e) provide projections for greenhouse gas emissions for the next 10-years. Identify the expected stage(s) of operations throughout the 10-year projection period;
- f) identify any federal or territorial incentive programs that have been accessed to assist in the reduction of emissions; and
- g) identify any financial or other support provided by the Licensee to help community or territorial efforts to reduce emissions.

9 Reclamation Activities

This section must include a summary of all reclamation and closure activities including but not limited to the following:

- a) a map showing the status of all reclamation and closure activities;
- b) a summary of any care and maintenance activities that occurred during the reporting year;
- c) a summary of any temporary closure periods that occurred during the reporting year, including the duration of the temporary closure, and any activities undertaken during this time;
- d) a summary of progressive reclamation activities undertaken throughout the reporting year;
- e) a summary of results from progressive reclamation undertaken in previous years, including an interpretation of the effectiveness of closure measures implemented to date;
- f) a summary of reclamation research programs initiated during the reporting year;
- g) a summary of results from reclamation research programs undertaken in previous years, including an interpretation of the effectiveness of closure measures implemented to date;
- h) a summary of final reclamation activities undertaken throughout the reporting year;
- i) if permanent closure occurred during the reporting year, provide the date permanent closure commenced and the closure activities undertaken throughout the reporting year to implement the approved closure plan as it pertains to permanent closure; and

- j) a summary of proposed development, production, and reclamation activities for the coming year.

10 Associated Authorizations

In this section, provide a table of all authorizations from other agencies, both territorial and otherwise, that are required to support mine development and operations, including the expiry date of these authorizations.

Authorization Number	Authorization Permit	Effective Date	Expiry Date
	Example: Land Use Permit, Quarry Permit, Air Emission Permit, Water License, Work in Right of Way Permit		