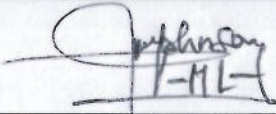
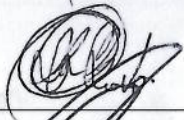




## High Risk Scope of Work Form

<b>Document Reference:</b> BGC-CORP-FORM-004	<b>Revision Number</b> 0	<b>Original Issue Date</b> January 20, 2025	<b>Review Date</b> January 18, 2030
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<b>Project Name:</b>	Hydro probe drilling and standpipes construction
<b>Site Location:</b>	Kibali
<b>Risk Rating of SOW:</b> (Based on Pre-Job Risk Assessment)	<input checked="" type="checkbox"/> High <input type="checkbox"/> Very High (Check one)

Stakeholders	Name	Signature	Date
Requestor	Jean Mananashi		09 March 2026
Technical Representative	Laurent Kabiku		2026/03/09
Health and Safety Manager	Duncan		2026/03/09
Environmental Manager If applicable	Jerry Zozo	N/A	2026/03/09
Community Relations Manager If applicable	Thaddee	N/A	2026/03/09
Department Manager	Masesa Salamba		2026/03/09
Contract Specialist	Servais Mango		2026/03/09

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**1. PROJECT OVERVIEW**

*Outline the specific deliverables, objectives and boundaries of the project.*

The objective of this scope of work is to undertake **hydrogeological probe drilling** using a **Reverse Circulation (RC) drilling rig** to characterize subsurface lithology, groundwater occurrence, permeability zones, and structural controls. The results will be used to **optimize the location, depth, and design of future production dewatering boreholes** for open pit operations.

The pilot holes will be converted into standpipes and dewatering boreholes

**2. GENERAL DESCRIPTION OF WORK**

**2.1. DELIVERABLES (KPI'S)**

Deliverable	Description	Expected Date
Deliverable 01	Contractor to provide qualified and trained labors	2026/05/15
Deliverable 02	Provide a fully operational drill rig or compressor meeting all safety and regulatory standards. Proof that the equipment meets all required safety certifications and has undergone all mandatory inspections	2026/05/15
Deliverable 03	Daily drilling progress reports	2026/05/15
Deliverable 04	Borehole completion records (depth, diameter, collar coordinates)	2025/11/15
Deliverable 05	Water strike summary table	2026/05/15
Deliverable 06	Final technical summary report highlighting: Key groundwater-bearing zones, structural controls, recommendations for optimal siting of production dewatering boreholes	2026/05/15

**2.2. PROJECT LOCATION**

*Provide an address and describe the specific location of the scope of work.*

Haut\_Uele, Durba, Kibali Gold Mine Site, Maison 35

**2.3. EQUIPMENT AND TOOLS REQUIRED**

*List all equipment and tools required to perform the Job.*

**Items supplied by Contractor**

A fully operational drill rig or compressor meeting all safety and regulatory standards.  
High-capacity air compressor and booster  
Sampling cyclone and splitter  
Support vehicles and water bowser  
Survey and logging equipment

**Items supplied by Barrick**

Equipment inspections  
Safe and secured parking  
Maintenance of roads, access, work platform  
Barricades

**2.4. INSURANCE AND WARRANTY REQUIREMENTS**

*Provide list of applicable insurances or warranties.*

**Requirements to be identified by the Contract Specialist**

N/A

**2.5. PROJECT RISK IDENTIFICATION**

*All project risks shall be identified within the Pre-Bid Risk Assessment taking into consideration all safety, environmental and community risks. Please attach the Pre-Bid Risk assessment to this document.*

**3. HEALTH AND SAFETY REQUIREMENTS**

*The Contractor shall apply all requirements established in Barrick's Health and Safety standards, as well as policies and procedures. The Contractor must consider all the requirements to prepare and submit a specific health and safety plan for the project using Barrick's Safe Work Plan form (please attach).*

**3.1. SPECIFIC SAFETY REQUIREMENTS**

*List the specific safety requirements associated with the job/work and all applicable procedures.*

**1. General HSE Commitment**

The Contractor shall ensure that all works are executed in a manner that protects:

- Personnel
- Local communities
- Property and equipment

The Contractor shall maintain a **zero-harm objective**, aiming to prevent injuries, occupational illness, and property damage.

**2. OHS Management System**

The Contractor shall implement a documented OHS management system aligned with

- **ISO 45001** – Occupational Health and Safety Management

The system shall include:

- HSE policy
- Risk assessment procedures

- Incident reporting and investigation
- Emergency preparedness
- Continuous improvement mechanisms

### 3. HSE Documentation Required Before Mobilization

Prior to mobilization, the Contractor shall submit for approval:

1. Site-specific **Health, Safety and Environmental Management Plan (HSEMP)**
2. **Method Statement for RC drilling operations**
3. **Job Safety Analysis (JSA)** for all drilling activities (or Baseline risk assessment)
4. Emergency response plan
5. Equipment inspection certificates
6. Training and competency records for all personnel

No fieldwork shall commence until the Company has approved the documentation.

### 4. Hazard Identification and Risk Assessment

The Contractor shall conduct a formal **Hazard Identification and Risk Assessment (HIRA)** prior to starting any activity.

Key drilling hazards include:

- High-pressure compressed air systems
- Rotating drilling equipment
- Falling objects
- Handling heavy drill rods
- Dust exposure
- Noise exposure
- Vehicle and equipment movement
- Slips, trips, and falls
- Borehole collapse hazards

Appropriate **risk mitigation measures** must be implemented and communicated to all workers.

### 5. Personnel Competence and Training

All personnel working on site shall:

- Be medically fit for duty.
- Receive **site safety induction training**.
- Be trained and competent for assigned tasks.

Key roles requiring certification include:

- Drill rig operators
- Compressor operators
- Heavy equipment operators
- First aid personnel
- OHS officers

The Contractor shall ensure that at least **one trained first aider** is present on each drilling shift.

### 6. Personal Protective Equipment (PPE)

The Contractor shall provide and enforce the use of appropriate PPE, including:

Mandatory minimum PPE:

- Safety helmet
- Safety glasses

- High-visibility clothing
- Steel-toe safety boots
- Gloves
- Hearing protection
- Respiratory protection for dust
- Face shields during high-pressure operations
- Fall protection where required

### **7. Drilling Safety Requirements**

The Contractor shall ensure safe drilling operations through the following controls:

#### **Equipment Safety**

- All drilling rigs and compressors must be **regularly inspected and maintained**.
- Guards must be installed on all moving parts.
- Emergency stop devices must be functional.
- High-pressure air systems must be properly secured.

#### **Safe Work Practices**

- Establish **safe working zones around the rig**.
- Only trained personnel may operate drilling equipment.
- No personnel shall stand near rotating drill rods.
- Drill rods must be handled using mechanical assistance where possible.

#### **Borehole Safety**

- Open boreholes must be clearly marked and protected.
- Boreholes shall be securely capped following installation of standpipes.

### **8. Vehicle and Traffic Safety**

The Contractor shall implement a **traffic management plan** for the movement of drilling equipment and support vehicles.

Requirements include:

- Licensed drivers only
- Daily vehicle inspections
- Speed limits within project areas
- Seatbelt use at all times
- Use of reversing alarms and spotters when required

### **9. Emergency Preparedness and Response**

The Contractor shall maintain emergency response capability throughout the project.

Minimum requirements include:

- First aid kits at drilling sites
- Emergency communication equipment
- Fire extinguishers on drilling rigs and support vehicles
- Emergency evacuation procedures

The Contractor shall immediately notify the Company of any:

- Injury or illness
- Environmental incident
- Equipment accident
- Near-miss event

Incident investigations shall be conducted and corrective actions implemented.

**10. Noise and Dust Control**

RC drilling operations can generate significant dust and noise.

The Contractor shall implement control measures such as:

- Use of dust suppression systems
- Water injection where necessary
- Regular equipment maintenance
- Limiting unnecessary engine idling

Personnel exposed to high noise levels shall wear **hearing protection**.

**11. HSE Monitoring and Reporting**

The Contractor shall submit **regular HSE reports**, including:

Daily records of:

- Alcohol test for Personnel on site
- Safety meetings
- Hazard observations
- Environmental observations

Monthly HSE reporting shall include:

- Safety statistics
- Incident reports
- Corrective actions
- Environmental monitoring results

**3.2. HEALTH AND SAFETY PROCEDURES**

*List all applicable Health and Safety operational procedures.*

- Drilling SOP
- Drilling Baseline Risk assessment

**4. ENVIRONMENTAL REQUIREMENTS**

The Contractor shall apply all the requirements established in Barrick's Environmental Guidelines for Contractors, comply with Barrick's Environmental Policy, and meet all other applicable environmental requirements, procedures or standards to present the specific environmental management plan for the project if applicable.

#### **4.1. ENVIRONMENTAL SPECIFIC REQUIREMENTS**

*List the specific Environmental requirements associated with the job/work and all applicable procedures.*

##### **1. General Environment Commitment**

The Contractor shall ensure that all works are executed in a manner that protects the natural environment. The Contractor shall maintain a **zero-harm objective**, aiming to prevent environmental incidents.

##### **2. Environment Management System**

The Contractor shall implement a documented HSE management system aligned with

- **ISO 14001** – Environmental Management

The system shall include:

- Environmental protection procedures

##### **3. Environment Documentation Required Before Mobilization**

Prior to mobilization, the Contractor shall submit for approval:

1. Site-specific **Environmental Management Plan (EMP)**
2. Environmental management plan

No fieldwork shall commence until the Company has approved the documentation.

##### **4. Personnel Competence and Training**

All personnel working on site shall:

- Be medically fit for duty.
- Receive **site safety induction training**.
- Be trained and competent for assigned tasks.

Key roles requiring certification include:

- Environment officers

##### **5. Emergency Preparedness and Response**

The Contractor shall immediately notify the Company of any:

- Environmental incident

##### **6. Environmental Protection**

The Contractor shall minimize environmental impact during drilling operations.

Environmental protection measures shall include:

##### **Soil and Vegetation Protection**

- Minimize disturbance during access track and drill pad construction.
- Avoid unnecessary vegetation clearing.

##### **Waste Management**

The Contractor shall manage all wastes generated during operations, including:

- Drill cuttings
- Packaging materials
- Domestic waste
- Used oils and lubricants

Waste shall be disposed of at approved disposal facilities.

**Water Protection**

The Contractor shall ensure that drilling operations do not contaminate:

- Surface water
- Groundwater
- Nearby drainage systems

Fuel storage areas must be equipped with **secondary containment systems**.

**7. Spill Prevention and Control**

The Contractor shall implement measures to prevent spills of:

- Diesel fuel
- Hydraulic oils
- Lubricants
- Chemicals used during drilling

Requirements include:

- Spill kits at each drilling site
- Proper storage containers

**4.2. ENVIRONMENTAL PROCEDURES**

*List all applicable Environmental operational procedures.*

- Waste management procedure
- Waste management procedure
  - Hydrocarbon management
  - Pollutants and spillages management

**5. SOCIAL REQUIREMENTS**

For the development of this project, the Contractor must apply all the social requirements established in Barrick's social performance policy, with the objective to support the company's social commitment to sustainable development.

**5.1. SOCIAL SPECIFIC REQUIREMENTS**

*List the specific social requirements associated with the job/work and all applicable procedures.*

N/A

**5.2. SOCIAL PROCEDURES**

*List all applicable Social operational procedures.*

N/A

**6. CERTIFICATIONS AND COMPETENCIES**

Mark an X in the box next to all applicable certifications and competencies.

COMPETENCE	Applies	COMPETENCE	Applies
Fall From Heights	<input type="checkbox"/>	Fire (Hot Work)	<input type="checkbox"/>
Confined Space	<input type="checkbox"/>	Hazardous Substances	<input type="checkbox"/>
Stored Energy (LOTOTO)	<input checked="" type="checkbox"/>	Excavations and Penetration (trenching)	<input type="checkbox"/>
Lifting	<input type="checkbox"/>	Working with High Voltage Lines	<input type="checkbox"/>
Hazards Recognition/ Risk Assessment	<input checked="" type="checkbox"/>	Mobile Equipment	<input checked="" type="checkbox"/>
Blasting and Explosives	<input type="checkbox"/>	Other:	<input type="checkbox"/>

**Other Applicable Competencies/Certifications**

Click or tap here to enter text.

**7. SOW MANAGEMENT**

The following documents must be attached when submitting this form to the Contract Specialist:

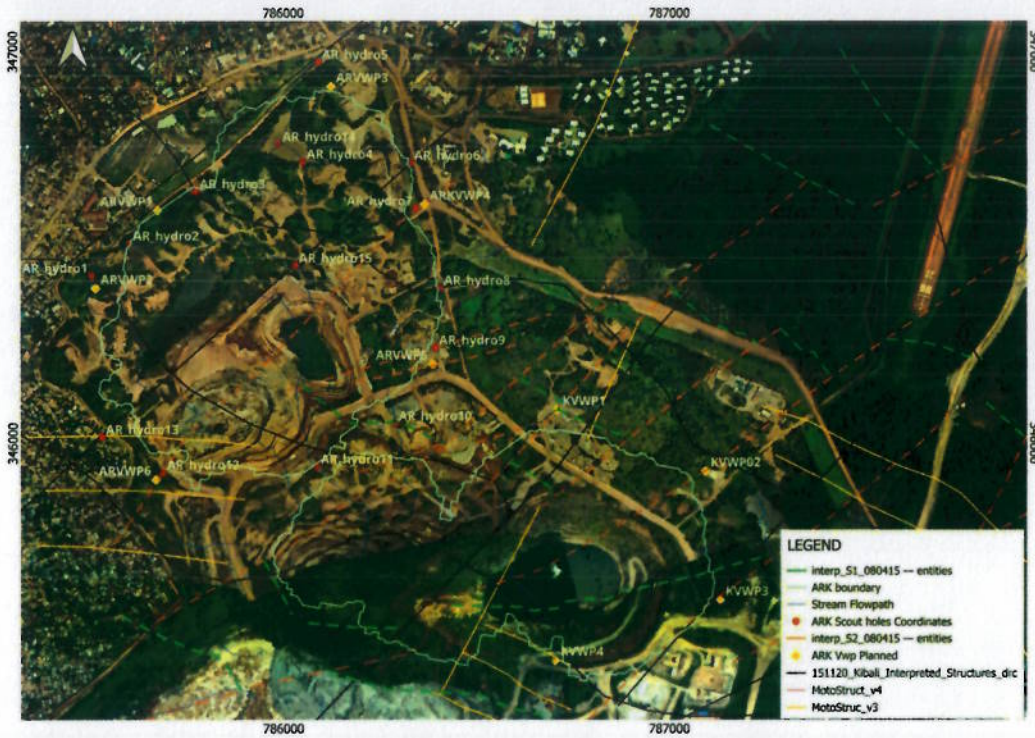
- Pre-Bid Risk Assessment
- Reference Documents: Images, documents, drawings
- Other: Click or tap here to enter text.

**8. APPENDIX**

Documents:

Drag and drop documents from your files here...

**ARK – HYDROGEOLOGICAL TESTWORK**



**Key Points of the Action Plan**

1. Bathymetric survey of the old pit planned for March
2. Drilling of Pilot holes to test potential underlying permeable structures plan for mid-March
3. Convert two pilots into Dewatering boreholes
4. Single packer testing planned in current Geotech campaign (to be effective from Mid-March)
5. Packer testing and VWP installation for permanent locations to start from April

Images/drawings:  
Drag and drop images from your files here...



Parameter	Value
Number of boreholes	15
Average depth	200 m
Total drilling	3,000 m
Hole diameter	5 inch (127 mm)
Completion	50 mm PVC standpipe piezometers+gravel+bentonite+headworks

1. Mobilization and Demobilization					
Item No	Description	Unit	Qty	Unit Rate (USD)	Amount (USD)
1.1	Mobilization of RC drilling rig, compressors, support equipment, crew and materials to site	LS	1	\$ -	\$ -
1.2	Demobilization of equipment and personnel from site	LS	1	\$ -	\$ -
2. RC Drilling (5 inch diameter)					
Item No	Description	Unit	Qty	Unit Rate	Amount
2.1	RC drilling 0–100 m depth	m	1500	\$ -	\$ -
2.2	RC drilling 100–200 m depth	m	1500	\$ -	\$ -
3. Geological Sampling and Logging Support					
Item No	Description	Unit	Qty	Unit Rate	Amount
3.1	Sample collection (1 m intervals)	m	3000	\$ -	\$ -
4. Hydrogeological Testing					
Item No	Description	Unit	Qty	Unit Rate	Amount
4.1	Airlift yield testing	Each	10	\$ -	\$ -
5. Standpipe Piezometer Installation (50 mm PVC)					
Item No	Description	Unit	Qty	Unit Rate	Amount
5.1	50 mm PVC casing installation (supplied by KGM)	m	3000	\$ -	\$ -
5.2	Silica gravel filter pack	m3	120	\$ -	\$ -
5.4	Cement/bentonite grout backfill	m	450	\$ -	\$ -
5.5	Surface completion (steel monument + lockable cap)	Each	15	\$ -	\$ -
6. Site Restoration					
Item No	Description	Unit	Qty	Unit Rate	Amount
6.1	Drill site clean-up and restoration	Each	15	\$ -	\$ -
7. Reporting and Documentation					
Item No	Description	Unit	Qty	Unit Rate	Amount
7.1	Daily drilling reports	LS	1	\$ -	\$ -
<b>Total</b>					\$ -

**Deep monitoring borehole (200m)**  
**(not to scale)**

