

**Terms of Reference (Consultant) – Mineral Resource Potential  
Assessment for planetGOLD Philippines Paracale Site**

Project title:	planetGOLD Philippines: “Contribution toward the elimination of mercury in the artisanal and small-scale gold mining (ASGM) sector: from miners to refiners”
Contract duration	90 working days (may be assumed intermittently starting from January 2022)
Salary	Will be determined by experience and qualifications and paid in local currency
Deadline	Open until filled

## **BACKGROUND**

### Organizational Context

Based in Victoria, Canada, the Artisanal Gold Council (AGC) is a not-for-profit organization dedicated to improving the work conditions and opportunities, as well as the environment, and health of the millions of people involved in Artisanal and Small-Scale Gold Mining (ASGM) in the developing world. The AGC helps to improve the global gold sector by promoting better practices in ASGM through technology transfer, policy development, and awareness-raising in Africa, Asia, and Latin America. The AGC consists of core staff, associates, and a council of experts (Board of Directors) in areas of ASGM, economics, sustainable development, social responsibility, human and environmental health, and gold production and extraction. For more information about the AGC and its projects, please visit [www.artisanalgold.org](http://www.artisanalgold.org)

### Project Description

The Global Environmental Facility (GEF)-supported program “Global Opportunities for the Long-term Development of the ASGM sector (planetGOLD)” has been designed to address the key issues linked to continued mercury use and provide sustainable development opportunities for the communities involved. The Program is composed of eight (8) child projects implemented in 9 countries including the Philippines.

The objective of the planetGOLD Philippine project is to contribute towards the elimination of mercury in the ASGM sector by applying a supply chain approach from the miners to refiners. The Project has four components. UN Environment is implementing components 1, 2, and 4 on (i) formalization, (ii) finance and market access, and (iv) knowledge management, respectively, while UNIDO is responsible for component 3 on (iii) technology transfer.

The Project is expected to demonstrate: 1) Government incentives to formalize the ASGM sector in Mongolia and Philippines are increasingly adopted by miners; 2) national governments guiding the creation of ASGM fund to allow miners to invest in mercury-free technologies and access responsible gold markets, with miners able to sell their gold directly into a transparent supply chain; 3) reduced mercury releases by the ASGM sector in both countries, and 4) ASGM communities and the government agreeing on an approach to reach all ASGM communities in each country.

### Rationale

The Project is tasked to install, operate, and manage mercury-free processing facilities (MFPT) as an alternative to the traditional amalgamation process employed by the ASGM sector. The successful operation of an MFPT depends on reliably estimating ore characteristics of feed material that the processing facilities receive, including expected volumes in which to gauge throughput.

Thus, the Project is seeking a consultant with expertise in conducting a mineral resource potential assessment as part of the planetGOLD Philippines Project.

### **OBJECTIVES OF THE ASSIGNMENT**

To conduct a mineral resource potential program, not limited to, the following:

- a. Fieldwork mapping and sampling of tunnel workings
- b. Submission of rock sample logs to MGB for assaying, with 10% submitted as duplicates to an approved third-party analytical laboratory for QA/QC purposes
- c. Development maps and geological cross-sections of the mineralized structures
- d. Development of mineral resource estimation report, including a simplified calculation of the resource potential of the ore deposit
- e. Provide draft report two weeks before final delivery for AGC headquarters to review and provide feedback before final version is submitted

### **SCOPE OF WORK**

The pre-identified project sites include *Minahang Bayan* areas in Paracale, Camarines Norte, where samples may be taken to avoid inconsistencies between laboratory and actual plant setups.

### **DELIVERABLE(S)**

The consultant is expected to produce a Mineral Resource Potential Final Report containing items stated in the objective of the assignment as well as a report on methodologies, laboratory raw data/results, and analyses.

### **WORKPLAN**

Submission of a work plan after the contract signing will be requested by the Project.



## QUALIFICATIONS

- Degree in geology, geological engineering, or other related fields
- Qualified person designation in the respective country
- 7-10 years (minimum) of experience in a similar role
- Work experience in the mining/metals extractive industry is an advantage
- Extensive experience in performing resource assessment work or similar research as shown by publications or papers
- Experience in working with international and national organizations under pressure and within a limited timeframe
- Excellent written communication skills as shown by previous studies conducted on related fields
- Absence of conflict of interest
- Strong problem-solving and creative analytical thinking skills
- Self-motivated, able to prioritize, and work with minimal guidance
- Fluency in written and spoken English is required

## APPLICATION PROCESS

To apply to this position, please send a cover letter and resume, in English, stating the job title in the subject line, to [careers@artisanalgold.org](mailto:careers@artisanalgold.org).

Applications will be treated in the strictest confidence. Please know that only those selected for interviews will be contacted. If your skills do not suit this position, but you believe you would be a great asset to the Artisanal Gold Council, we would like to hear from you.