Uganda Ready for Investment
New Exploration Targets (2)

Ministry of Energy and Mineral Development
Website: www.energyandminerals.go.ug

Gold in Buhweju area, SW Uganda

Stream sediment geochemistry carried out by UNDP (Pikkallas 1985) was partly reanalyzed by SMMRP. Soil geochemistry was tested on one target. The new geochemical results confirm the gold potential of the Buhweju area. A new target area to the south of the Madinga gold occurrence (Fig. 1) was located. In addition to gold also a limited area with anomalous REE grades in the stream sediments was found.

West Nile gold potential

The stream sediment survey by SMMRP indicates clearly that the Nibbi area in NW Uganda, with Archaean greenstone belts (Fig. 2), corresponding to the Kilo-Moto environment in DRC, has gold potential (Fig. 3).

Magmatic anomalies in Karuma Falls area, Masindi

Stream sediment sampling carried out during 1972-1975 by Rask (1977) covering map sheet 31 S at Karuma Falls, indicated anomalous nickel grades. When comparing the results to new airborne magnetic maps (Fig. 4) it was noted that the nickel anomalies group around a magnetic anomaly at Kasongoire. A new stream sediment sampling was carried out by SMMRP in order to confirm the prospectivity of this area (Fig. 3).

Marble at Moroto Karamoja area

In the Karakus series marble is common in several areas in and around Moroto in eastern Uganda (Fig. 7). The most important use of these resources would be for cement, but also use for dimension stone should be considered, due to quite attractive banding and folding in the marble (Fig. 8). Currently only small scale mining is on going (Fig. 9).

Tanzania through western Kenya. These rocks host gold mineralization in connection to banded iron formation (BIF) and with quartz veins in shear zones. Gold is currently being explored at Tira Mine in Busia District. A larger area has gold potential.

Gold potential Busia area, SE Uganda

The Archaean Granite Belt in south-east Uganda is composed of various sedimentary rock sequences known to extend from neighbouring Tanzania into Uganda. Gold potential Busia area is composed of adjacent sedimentary rock sequences likely to be covered by later sediments (Fig. 1). Gold anomalies produced by the UNDP survey were confirmed and further work is necessary. Gold anomalies samples are mostly concentrated in NE of the sampling area.

Wallariki area gold workings in Busia area

Gold potential in Busia area is indicated by a magnetic anomaly at Kasongoire. A new magnetic anomaly hosts potential for sulphide occurrences and iron ore.