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SMMLS
SAUDI-
MAURITANIAN
COMPANY FOR
MINERAL
LOGISTICS
SERVICES

GOLD CONCESSION ZONE IN SELIBABI

A Reconnaissance Study | Author: Scientific Consultant: Prof. M.Belal

Selibabi



Selibabi location is near Senegal River in the far south point in Mauritania. Our company "" Saudi – Mauritanian company for Mineral logistic Services"" has 5000 km² as an exploration area in Selibabi and 475 km² as Gold Extraction Zone.

Thousands of samples has analyzed previously by many Authorities and international Offices using XRF analysis, but as a routine work on soil and poor rocks of Gold, Just a sweep of the surface soil and Rocks. Those samples indicate ppb concentrations.

Extraction area: A team from our company did reconnaissance phase and take a random samples from the Zone. The results of the mission indicated that:

The Zone is sedimentary (muddy) compositions and sediment by the Senegal River mud, which is rich of gold.

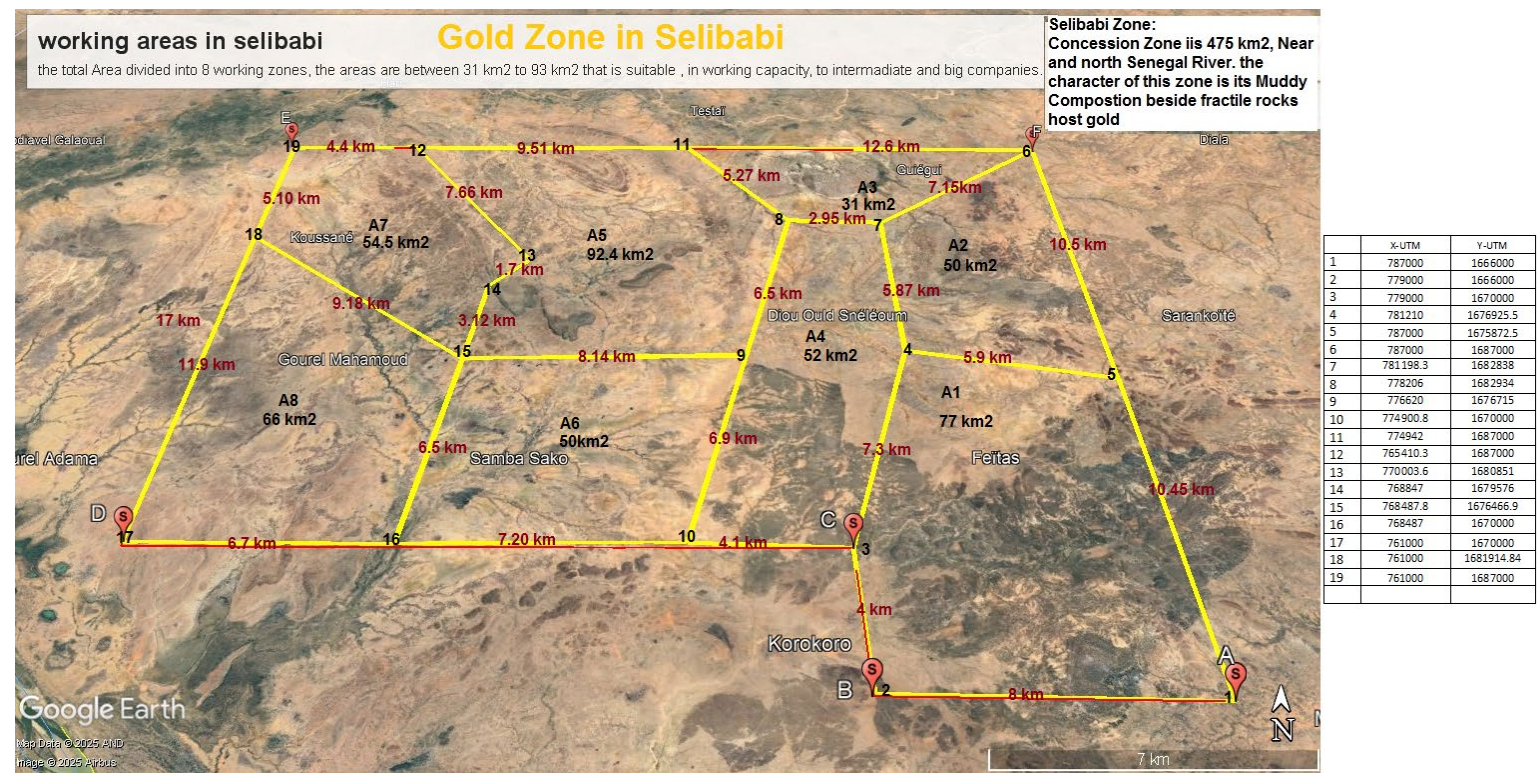
Green cover is over most of the area.

The gold Rush diggers did shallow wells in most of the Zone and extracted the Gold Masses, left only the gold in gravel and sandy sizes as shown in the photos which extracted by our team.

The rough estimation of the gravel and Sandy gold in the zone pointed to the dominant weight as (3: 4 Gram/ton) but in not little no. of wells reaches 6 to 22 grams in a ton. That is beside Impeded gold in some rocks, some are friable and some are quartzite hard rocks.

Therefore: the Zone is considered a promising Zone for extraction Gold, by water centrifuge technique and MAY also by Sodium cyanide technique if necessary in some rocks.

We divided the Area into 8 sub-zones, to be suitable to the production capacity of gold extraction companies as shown in the figure



Best regards