

MATERIAL CHANGE REPORT

Item 1: Reporting Issuer

Frontline Gold Corporation
802 – 1550 Bedford Highway
Bedford, NS B4A 1E6

Item 2: Date of Material Change

July 29, 2010

Item 3: Press Release

July 28, 2010
Dissemination: Stockwatch, Marketwire

Item 4: Summary of Material Change

Frontline Gold RAB Drilling Identifies Numerous Diamond Drill Targets at Niaouleni Project, Mali

Item 5: Full Description of Material Change

Walter Henry, President and CEO of Frontline Gold Corporation ("Frontline")(TSX Venture: FGC) announces that the preliminary reconnaissance RAB drill program, termite mound sampling and mapping and sampling of old workings has identified two substantial mineralized trends and will assist in the identification of diamond drill targets at Frontline's 100% owned Niaouleni Gold Project ("Niaouleni") in South Mali, West Africa.

Highlights

- **Significant RAB Intersections: 4 metres @ 3.81 g/tonne; 4 metres @ 3.24 g/tonne; 4 metres @ 1.15 g/tonne; 4 metres @ 1.21 g/tonne; 8 metres @ 1.82 g/tonne including 2 metres @ 5.63 g/tonne; 4 metres @ 2.12 g/tonne**
- **Lebre Plateau, South Niaouleni and Kangou Moussa mineralized areas structurally connected over six kilometres**
- **New mineralized structural trend in the Lebre Plateau**
- **Goingoindougou confirmed as independent gold-mineralized area**
- **Numerous additional targets identified for follow up.**

Commentary

"Our preliminary reconnaissance RAB (Rotary Air Blast) drill program has met all of our expectations" said President and CEO, Walter Henry. "When the RAB drill results are interpreted together with the historic drill data, artisanal pit sampling, orpaillage zones mapping and our own soil and termite mound geochemistry, we will have identified a number of targets for diamond drilling.

The Lebre Plateau, South Niaouleni and Kangou Moussa mineralized areas are interpreted as being structurally connected over six kilometres strike length. Additionally, the **Goingoindougou mineralized area** in the southeastern area of the permits **has been confirmed as an independent gold-mineralized area.** A further **new gold-mineralized trend has been identified in the Lebre Plateau** ([see map attached](#)).

We have commissioned a new NI 43-101 compliant Technical Report by ACA Howe International Limited which will include a comprehensive integration of these new and historic results, and recommendations for a fall program of follow-up exploration including a targeted diamond drilling campaign. The report will be delivered by August 31, 2010."

Reconnaissance RAB Drill Program

Frontline has completed the preliminary reconnaissance RAB drill program on its 94 Km² Niaouleni property in South Mali, Africa including the four areas of historical artisanal workings known as the Lebre Plateau, Niaouleni Sud (South Niaouleni), Kankou Moussa and Goingoindougou gold-mineralized areas. 173 holes (9521 metres) were drilled to depths varying between 10 and 90 metres.

In the northwest and central parts of the Niaouleni Permits area, the **Lebre Plateau, South Niaouleni and Kankou Moussa gold-mineralized areas are interpreted as being structurally connected over six kilometres strike length** along a northeast to southwest trend. An additional area is currently indicated from termite mound sampling to extend two kilometres to the North from

Kankou Moussa. This interpreted **gold-mineralized trend is open to the north and at depth**. A recently discovered region of ancient artisanal working is located along the same trend about 600 metres to the north of the interpreted area. These artisanal workings occur in a tree-covered lateritic plateau and are marked by a strong, coherent termite mound anomaly. This **gold-mineralized area extends for 600 metres with a width of 200 metres**. The newly discovered mineralized area in the Lebre Plateau area occurs farther north along the trend, on the opposite side of a 500 metre wide river valley. The workings **extend an additional 600 metres to the north with a width of 200-300 metres**. These areas of former artisanal activity were not known to the local mining community, indicating their considerable age.

In the southeast region of the permits area **Goingindougou is confirmed as an independent gold-mineralized area**. RAB drilling returned **intersections of 2.12 g/t Au over 4.0 metres, and 1.82 g/t Au over 8 metres including 5.63 g/t Au over 2 metres**.

RAB Methodology

Samples were collected at the exit of the drill cyclone with plastic buckets resulting in 50 kg of material. The cyclone is blown clean by the drill operator between samples. Each sample is split with a high capacity splitter until an average of three kg sample for assay is obtained. The excess material is poured as heaps of cuttings on the ground in a systematic down-hole line for logging by a geologist. For the quality control of assays, every 50th sample is duplicated, every 25th sample of the batch to be submitted to the lab corresponds alternatively to a blank or standard sample. All samples are bagged, numbered and sealed. The samples are then transported by truck to the exploration camp under the direction and supervision of the supervising geologist. The secured samples are packed in rice bags and shipped directly by truck to Bamako with a sample shipment control form. Samples are recorded upon receipt at the ALS Chemex ABILAB Laboratory and then assayed for gold by fire assay method with absorption atomic finish.

The program is being carried out in field by Mamadou Diallo the project Senior Geologist under the supervision of Marie-France Dikizeyeko, Exploration Country Manager.

Item 6: Reliance on section 85 (2) of the Act

Not confidential.

Item 7: Omitted Information

Information not omitted

Item 8: Senior Officers

Gregory Isenor
Telephone: 902.832.5555

Item 9: Statement of Senior Officer

The foregoing accurately discloses the material change referred to herein.
Gregory Isenor, P.Geo.
Director
Halifax, NS.
Date: July 29, 2010