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## **REGIONAL GOLD DRILLING PROGRAMME UNDERWAY AT BRANSAN, SENEGAL**

### **Promising Anomalous First-up Drill Results at Bransan**

As part of the company's regional gold exploration programme, drilling has commenced on the Bransan Exploration Permit which covers an area of some of 353 square kilometres. The targeted drill programme is positioned approximately 10 kilometres north of the Sabodala treatment plant.

The initial geochemical drill results for the first three lines from the wide-spaced drilling (200 metre step-outs) have demonstrated the presence of a near-surface and wide zone of gold mineralisation (see Attachment 1).

### **Geochemical Drilling Confirms Gold Mineralisation in Quartz Diorite Stockwork**

Results are available for the first three lines of geochemical drilling from the Goumbou Gamba prospect at Bransan, situated approximately 15 kilometres north of the Sabodala gold treatment plant. On each line, drill holes are planned at 40 metre intervals and directed grid west at -600. The lines are spaced approximately 200 metres apart in a north direction. Anomalous gold values were returned from each line from within the stockwork and altered quartz diorite body.

Line 1 reported the most anomalous gold values. Line 1 covers the position of a mapped northwest structure where previous rock chip sampling returned values of 5.7g/t and 11.4g/t gold at surface. On Line 1, drill hole BSRB004 intersected 34 metres grading 0.36g/t gold from 8 metres and bottomed at 42 metres in mineralisation (0.62g/t). Better intervals within this hole include:

- 15 metres grading 0.43g/t from 10 metres; and
- 5 metres grading 0.42g/t from 37 metres.

A second drill hole, BSRB113, drilled back towards BSRB004, intersected 53 metres grading 0.42g/t gold from 19 metres and bottomed in mineralisation, with 1.16g/t reported at 72 metres. Better intersections within this hole include 8 metres grading 0.57g/t from 19 metres and 13 metres grading 0.67g/t from 59 metres (all downhole).

### **Phase 1 Geochemical Drilling**

Geochemical drilling using a Cubex blast hole drill rig commenced at Bransan on 17 October. The initial programme is confined to testing a north trending quartz diorite intrusive mapped over a strike length of some two kilometres and identified from aeromagnetic data to extend in excess of three kilometres. The quartz diorite ranges from 30 metres to 50 metres in width and has a steep easterly dip. The diorite is strongly altered with albite, sericite and pyrite. The body is also strongly oxidised from weathering and initial geochemical drilling to a maximum down-hole depth of 72 metres has not reached fresh rock. Quartz stockwork veining is abundant and the body may be described as a mega-stockwork breccia.

Previous detailed geological mapping and rock chip sampling shows the diorite is also cut by a series of northwest trending structures generally recognised from quartz veining.

The increasing tenor of mineralisation with depth is encouraging. Additional holes will be drilled towards the northwest structure from collars selected to provide an azimuth towards the southwest. This drilling is anticipated to assist targeting for follow up reverse circulation drilling of the mineralised zone.

### Scope of Geochemical Drilling Programme

1. The encouraging drill results from the first three drill lines support continuation of the programme testing the quartz diorite target. Additional access lines for drilling will be prepared to both the north and south of existing lines.
2. Near the local Bransan village, a soil geochemical anomaly will be tested with 3-4 geochemical drill holes.
3. A key objective of the geochemical drilling programme is to test identified structural targets where surface geochemistry is ineffective such as where the regolith is depositional or comprises laterite or more commonly ferricrete. This will include geochemical drill evaluation of a series of targets:
  - (a) west extension of Line 3;
  - (b) west extension of Line 12;
  - (c) Leigh Rankin's structural zones at the Diadiako Prospect; and
  - (d) east extension of Line 2 to test one of Leigh Rankin's structural zones.
4. To firm up geochemical drilling targets at the Soungoutoukouro Prospect, which lies to the north of Oromin's Dendifa West prospect, a series of infill soil lines will be completed at a 200 metre line spacing. In the area of the proposed infill soil geochemistry, two main northerly trends are recognised - Denfida West and the possible extension of the Sabodala structure.
5. In the southeast corner of the Bransan Permit, a small number of infill soil lines (200 metre spacing) and mapping will be completed to cover a soil geochemical anomaly.
6. Regolith mapping and compilation will continue based on the soil geochemical programmes.

The Bransan project is subject to a 70:30 joint venture between Sabodala Mining Company SARL (MDL 100%-owned subsidiary) and private Senegalese interests.

*The information in this report that relates to Exploration Results is based on information compiled by MDL's Mining Operations Manager, Bruce Van Brunt MSc Mining Engineering, who is a member of The Australasian Institute of Mining and Metallurgy and is also a registered professional geologist in the State of Washington, USA. Mr Van Brunt has sufficient experience which is relevant to the style of mineralisation and type of deposit under consideration and to the activity undertaken. He is qualified as a Competent Person as defined in the 2004 Edition of the "Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves" and as defined in NI43-101. Mr Van Brunt has consented to the inclusion of this information in the form and context in which it appears in this report.*

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