



AVNEL GOLD MINING LIMITED

Avnel Gold Mining Ltd. plans to drill define two high-grade mineralization zones recently discovered at the Kalana Exploitation Permit, South Mali

For immediate release: September 8, 2005

Following on the success of the recent percussion drill program at the 387 km² Kalana Exploitation Permit in southern Mali, Avnel Gold Mining Ltd. has completed a technical report that concludes a follow-up diamond core and RC drill program is justified in order to drill define and expand the newly-discovered, high-grade gold zones at Grid 8.

Two main mineralised zones have been identified by Avnel in the Grid 8 area; the Djirila Main zone, which encompasses gold mineralised intersections in RC-09a, RC09b, RC-10, and RC-15, and the Djirila South zone, which encompasses gold mineralised intersections in RAB-090 and RAB-118.

The Djirila Main zone is interpreted as a NE-trending, fault-controlled, quartz-vein-stockwork zone located on the NW side of Djirila hill (see Figure 29). This zone is characterised by high-grade gold mineralisation and produced highly significant gold assay intervals (e.g. **73.6g/t over 2m from 70 to 72m in RC-09a, and 45.9g/t Au over 4m from 114 to 118m in RC-15**). In addition, the Djirila Main zone also contains significant widths of lower grade intersections (e.g., **5.4g/t Au over 36m from 64 to 100m in RC-09a**).

The Djirila South zone is interpreted as a NE-trending, fault-controlled, quartz-vein-stockwork zone located on the SE side of Djirila hill (see Figure 29). This zone is characterised by significant but lower grade mineralisation and produced several significant gold assay intervals (e.g., **4.1g/t Au over 6m from 17 to 23m in RAB-090, and 8.3g/t Au over 22m from 35 to 57m in RAB-118**).

Gold mineralisation is invariably associated with an increase in quartz vein fragments in the RAB and RC cuttings and a positive correlation was also noticed between gold grade and the relative amount of arsenopyrite in panned concentrates.

A large zone of sulphide-rich metasediments was encountered in the RC drilling. The sulphides include pyrite and arsenopyrite. Some of the occurrences of the pyrite crystals are clearly related to the metasedimentary rocks as metasomatic porphyroblasts. However, both pyrite and arsenopyrite have been observed in abundance within quartz vein fragments and this latter generation of sulphides is interpreted to be related to a hydrothermal origin.

Based on the very encouraging results of the initial percussion drill program described in this report, it is recommended that a follow-up program of drilling be conducted with the objective of better defining and outlining the mineralised zones within the Grid 8 area. This program could begin in January 2006 and involve the use of both diamond core and RC drills. The proposed drill program will entail 12 diamond core holes (1,750m total) and 40 RC holes (3,920m total), all within the Grid 8 area. The projected cost of the drill program is \$865,500.00 USD.

Avnel Gold instituted a system of Quality Assurance and Quality Control (QA/QC) during the Kalana Phase III drilling program under the direct supervision of Michel Mercier, Senior Exploration Manager for Avnel Gold Mining Ltd. and the competent person responsible for the drill program and resulting technical reports. Three types of check samples were introduced into the sample stream in order to verify the preparation and analysis of samples. These included: 1) gold 'blanks' (1%); 2) control samples (2%); and 3) duplicates (2%). An evaluation of the data has determined that the analyses of the check samples give comparable results and the analytical precision is considered acceptable.

Graham Greenway, Principal Consultant, of Snowden International Mining Consultants observed the exploration program during a field visit in May. He reported that the Kalana Phase 3 exploration program appears to be well managed and organized. In Snowden's opinion the drilling, sample collection and preparation were being performed to a high standard.

The Avnel Gold Phase 3 exploration technical report is available on the Avnel Gold website (www.avnelgold.com).

Avnel's principal asset is an 80-per-cent interest in Société d'Exploitation des Mines d'Or de Kalana (SOMIKA). SOMIKA is the holder of an exploitation permit encompassing 387.4 square kilometers around the operating Kalana gold mine in southern Mali.

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Caution Regarding Forward Looking Statements:

Statements regarding the corporation's plans with respect to the Kalana Mine and exploration of the Kalana Permit are forward-looking statements. There can be no assurance that the planned ongoing development of the Kalana Gold Mine will be completed as forecast or that the exploration program on the Kalana Permit will identify minerals resources.

The TSX has neither approved nor disapproved the form or content of this information release.

SOCIÉTÉ DES MINES D'OR DE KALANA (SOMIKA EXPLORATION)

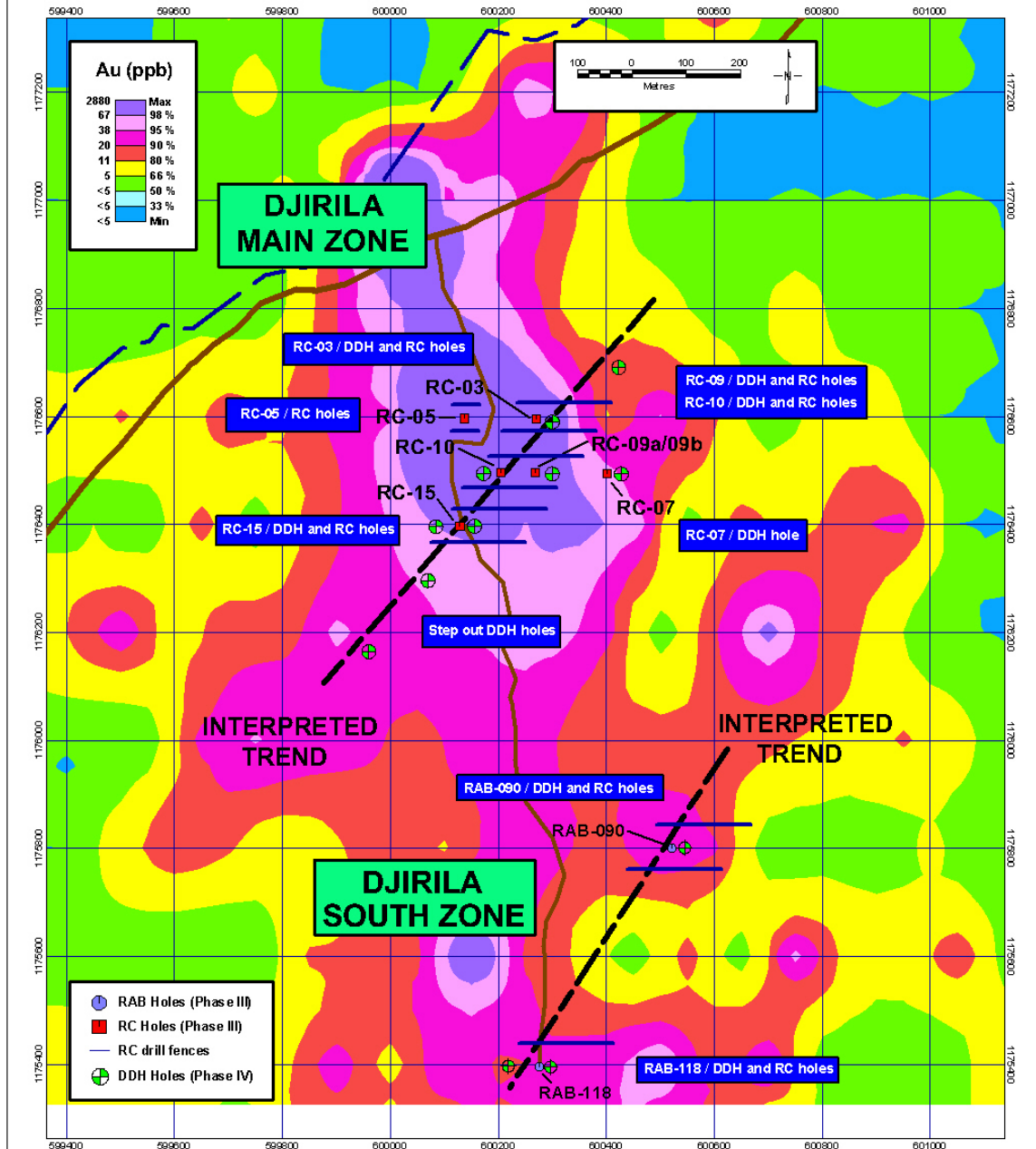


FIGURE 29. Location of proposed DDH and RC holes, Grid 8 area.