



## **AVNEL GOLD MINING LIMITED**

### **Avnel Gold completes Phase 4 Exploration Technical Report and recommends next stage of exploration**

FOR IMMEDIATE RELEASE August 24<sup>th</sup>, 2006

Avnel Gold Mining Ltd. (AVK:TSX) has completed a Technical Review of the diamond drill and RC drill programs completed in quarters 1 and 2, 2006. The recommendations for the next phase of exploration are being reviewed by the Board.

The Technical Report has established there is good potential within the Djirila Main Zone along strike to the NNE and at depth. The results from this drilling were reported in press releases dated April 2006 and July 2006. It has been interpreted that the mineralization appears to form a distinct geometry with a NNE plunge. A minimum 8 hole diamond drill program is proposed to test this interpretation to a depth of 150 meters. This will provide new drill information on 50m spacing from 100m to 150m vertical depth. The zone of weathering at Djirila is deep and core from the planned deeper holes will enhance the understanding of the geology and mineralization at Djirila.

The Technical Report concluded that the results from the RC drill program at Grid 7A indicate that the mineralized systems in this grid area appear to have modest grades and widths in the near surface environment. No further work is proposed at this time.

Avnel Gold has identified a number of gold in soil anomalies on other

areas of the Permit and it is recommended that these be investigated by RC drilling, and were appropriate ground geophysical survey to help outline anomalous structures associated with the geochemical anomaly. The quantity of drilling to be planned in Phase 5 will be dependant on priorities and budget.

In the north of the Permit, close to the operating Kalana Mine, there are several potential drill targets that warrant more detailed investigation. The Kalanako 1 prospect has been investigated by Sonarem- Sogemork, Ashanti Goldfields and Avnel Gold. This work shows mineralization is present. Sogemork had estimated a geological resource of 600,000 tonnes at 3.7 g/t containing 2,160kgs of gold. The geometry and extent of the mineralization has not been confirmed by the data retrieved and compiled by Avnel. A geophysical survey has been recommended prior to the design of an RC drill program.

A new anomaly, Kalanako 1 West, has been identified near the Kalanako 1 prospect and it is recommended that this be investigated by completing an ICP analysis and geophysical survey prior to designing an RC drill program.

The Kalanako II artisanal workings extend over a 700m long, NE trending zone that includes 3,700 pits. Diamond drilling in the 1980's identified narrow, high grade zones in several holes that Avnel has obtained data on. It is recommended that systematic sampling of the quartz material from the pits be completed with the regolith profile being mapped and characterized.

The Technical Report was prepared by Michel Mercier (a "Qualified Person" in accordance with National Instrument 43-101), who is a consulting geochemist and exploration geologist with more than 20 years of experience in West Africa and the Senior Exploration Manager who supervised the field work. Jack Hamilton, a senior exploration consultant, assisted in the report preparation and Roy Meade, (a "Qualified Person" in accordance with National Instrument 43-101) reviewed the report. The Report dated August 3, 2006 is available on the Avnel Gold web site, [www.avnelgold.com](http://www.avnelgold.com).

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

the Kalana gold mine in southern Mali. The Malian government holds the remaining 20 per cent in SOMIKA. The Kalana Mine is an operating mine with a Proved and Probable Ore Reserve of 428,000 ounces at an average grade of 14.2g/t.

ON BEHALF

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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.