



## AVNEL GOLD MINING LIMITED

### Avnel Gold Mining Ltd. Outlines Six Prospective Drill Targets at Kalana Permit

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**Avnel Gold Mining Ltd. (AVK:TSX)** is a newly listed gold mining and exploration company. 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 Kalana gold mine in southern Mali. The Malian government holds the remaining 20 per cent in SOMIKA.

The first phase of detailed soil geochemical surveys, initiated across the large Kalana Exploitation Permit as part of the year 2004 exploration program outlined six significant, km-scale gold-in-soil anomalies that are spatially associated with corresponding arsenic anomalies.

Avnel management believes that each of the soil anomalies described above is a valid drill target that requires a program of concentrated RAB and RC drilling. An initial drill program focused on the Grid 8 anomaly was undertaken in the spring of 2005 and the results are being evaluated.

The exploration results from the Phase 1 2004 program are described in the Final Prospectus May 27, 2005 and the Technical Report (Kalana Phase1 Exploration dated November 4, 2004) by Snowden Mining Industry Consultants available on the SEDAR website ([www.sedar.com](http://www.sedar.com)).

The initial phase (Phase I) of soil sampling was completed from May to June 2004. A total of 2,854 soil samples were collected within seven grid areas. The specific grid areas were chosen on the basis of the degree of artisanal activity, results of historical work by Sonarem-Sogemork (the Malian state exploration company), the interpretation of an airborne magnetic survey and the presence of interpreted greenstone rocks (i.e., Birimian metasediments).

The following is a summary description of the significant, km-scale gold-and-arsenic-in-soil anomalies that have been outlined by the 2004 soil programs.

Location	Au-in-soil Anomaly Length	Au-in-soil Anomaly Width	Au-As correlation	Comment
Grid 8	1.5km	600m maximum	yes	Core defined over 800m length and 600m width

Grid 6	1.75km	200-400m	Yes	
Grid 2	4.0km	500-800m	Yes	3 clusters showing a semi-continuous trend
Grid 3	2.5km 2.0km	300m 250m	Yes Yes	Westerly anomaly Easterly anomaly
Grid 4	600m	300-400m	Yes	Largest of a several anomalies
Grid 5	1.0km	250m	yes	Largest of several anomalies

Avnel management is very encouraged by the results of the soil geochemical surveys as almost all the chosen grid areas have produced significant, km-scale, coinciding gold-in-soil and arsenic-in-soil anomalies, suggesting large fluid systems and a common genesis. Many of the soil anomalies have a pronounced NNW or NW elongation suggesting a fundamental fault control on gold emplacement, similar to that at the Kalana deposit that lies within the northern part of the exploitation permit.

The soil sampling program was planned and supervised in the field by Michel Mercier a consulting geochemist and exploration geologist with more than 15 years of experience in West Africa. Mr. Mercier was formerly the chief geochemist for Barrick Gold Corporation in Africa (1996-7) who has since consulted for Geo-Services International, Northern Mining, Barrick Gold Corporation, and Nevsun Resources in Eastern, Central and Western Africa.

The Phase I results were reviewed by Graham Greenway, Principal Resource Consultant, of Snowden Industry Mining Consultants, who is a "Qualified Person" in accordance with National Instrument 43-101 and reported in their technical report entitled *Kalana Phase I Exploration* dated November 4, 2004.

Avnel Gold Mining Ltd. is also aggressively exploring the large Kalana Exploitation Permit in order to augment the resources available to the Kalana mine and to explore for large gold deposits of the sediment-hosted disseminated style similar to the Morila deposit.

For further information contact:

Roy Meade

Chief Executive Officer

Phone +44 207 589 9082; Fax+44 207 589 8507

Email: rmeade@avnelgold.com

Barry Mire or Neil Murray-Lyon

Renmark Financial Communications

Phone +1 514 939 3989 ; Fax +1 514 939 3717

*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.