

July 9, 2008
Release 08-10

NEWS RELEASE

**Comaplex Provides an Update on
the Meliadine West Exploration Program**

Comaplex Minerals Corp. (TSX-CMF) is pleased to provide an update on the 2008 exploration program on the Meliadine West gold property near Rankin Inlet, Nunavut Territory, Canada. The property is owned 78% by Comaplex and 22% by Meliadine Resources Ltd. (a private company owned 100% by Resource Capital Fund III L.P. of Denver), with Comaplex having an option to increase to 80%.

An external, third party Scoping Study (Preliminary Economic Assessment) is well advanced on the Meliadine project. It is hoped that the NI43-101 compliant document will be complete and ready for distribution in mid to late summer.

2008 Drill Program

Drilling on the Tiriganiaq started for the summer season in early April and 20,000-25,000 meters of drilling is expected to be completed some time in September of this year. There are presently three drills active on the property with 10,024 meters in 32 holes completed to date. The 2008 drill program is predominantly an infill program to upgrade resource status and increase understanding in the Western Deeps portion of the Tiriganiaq gold deposit. Two drills are testing targets in the Western Deeps portion of the Tiriganiaq deposit (the deeper, down-plunge western extension of the orebody). A total of 18 drill-holes (8518 meters) have been completed to date. Lab results have been received for only five of these holes.

The third rig is infill testing the F Zone gold mineralization, located four kilometers southwest of the Tiriganiaq deposit. The goal of the drilling is to determine the open pit potential of three shallow targets in the zone. A total of 1506 meters in 14 short holes have been completed at this time.

Results from the first five holes are detailed in this release. All five of the drill-holes released targeted the 1255 lode gold mineralization in the Western Deeps area of the Tiriganiaq deposit at depths of 375 to 450 meters below surface (see attached figure for approximate hole locations). The results from these holes continue to confirm that significant gold mineralization is present in multiple lodes in the Western Deeps.

Detailed drill results on all five holes are attached to this release. Highlights include:

11.8 gmt gold over 6.9 meters in hole M08-720A
including: 17.4 gmt gold over 4.0 meters

48.3 gmt gold over 9.4 meters in hole M08-721
and: 12.9 gmt gold over 2.8 meters

17.5 gmt gold over 3.6 meters in hole M08-723

15.3 gmt gold over 10.1 meters in hole M08-725
and: 10.8 gmt gold over 21.5 meters
including: 15.2 gmt gold over 7.6 meters

With the lab analyzing samples for many other active mining ventures and from the Comaplex surface drilling, along with chip and channel samples from the ongoing underground exploration program, the turnaround time for assay results is considerably slower than normal. It is hoped that a significant number of assays will be forthcoming in the near term. Drilling results to date are consistent with expectations for the deposit.

Wandering of the drill bit away from target locations in the deep holes remains a challenge. Comaplex is experimenting with a process of wedging off of a drill-hole to get a second intersection away from that hole. This process is fairly new in the permafrost bearing ground in the north, but results to date are encouraging. If successful, the technique should decrease the amount of drilling required.

Underground Exploration Program Continues

Underground exploration on the Tiriganiaq gold deposit has been active through the winter and will continue into the late summer. At present, over 948 meters of decline development (5.2m x 5.3m) has been completed. Access to the 1100 gold lode at 70 meters below surface was achieved in mid March.

Drifting along the 1100 mineralized lode is largely complete (total of 157 meters) and a total of 95 rounds were excavated and processed through a crusher and sample tower on a round by round basis. Representative samples of each round of ore has been, or will be, sent to SGS Research (Lakefield) in Lakefield, Ontario for assaying and further metallurgical work. Assay results of the bulk sample ore rounds will be compared to the drill results for each zone.

It is expected that decline development will conclude in the 3rd week of July, with drifting and bulk sampling of the 1000 lode mineralization completed in early September (at ~120 meters below surface). Comaplex has extended the original underground program to include additional drifting, cross-cuts, and raises through other gold bearing lodes in the deposit. The underground exploration work should be finished at about the same time as the surface drilling program, in mid to late September.

Drill results from the summer exploration program will be released on a timely basis as assays are received from the lab. Results from the underground exploration bulk sample are expected to be received on an ongoing basis in the near future and will be reported when the results have been interpreted.

Other

Grassroots exploration gold programs will be conducted on the Meliadine West property this summer. Significant, high grade gold bearing boulder fields west of the Tiriganiaq deposit have yet to be sourced.

At this time, there are no plans to complete exploration for the source of the diamond bearing till samples on the east end of the property. Unrelated third party activity around Comaplex's claim block is continuing this summer and Comaplex will monitor results from that exploration before committing resources to the diamond play.

For additional information, please contact George F. Fink, President, or Mark J. Balog, Chief Operating Officer, at (403) 265-2846 or visit our website at www.comaplex.com.

Doug Dumka, P.Geo. is the Chief Geologist for Comaplex Minerals and is the Senior Project Geologist and designated Qualified Person (Q.P.) for the Meliadine West Project. Mr. Dumka supervised drill hole planning, implementation and quality control/quality assurance programs at the Meliadine West project for 2008.

Drill core analysis is performed on cut, half NQ core with standard fire assay procedures and a gravimetric finish (2 assay ton, 1000 gram pulp). QA/QC programs employ the insertion of external standards (low to high grade Au), blanks, and core duplicates every 20 samples. All assaying was completed by TSL Laboratories Ltd. based in Saskatoon, Saskatchewan. TSL completes its own internal QA/QC by inserting a standard, blank, pulp duplicate, and coarse reject duplicate in every batch of 20 analyses. QA/QC compliance was rigorously checked on a continuous basis during the exploration program.

Meterage provided is measured down hole and intersection widths are interpreted to be approximately 80% of true width.

The TSX has not reviewed and does not accept responsibility for the adequacy or accuracy of this release. Not for distribution to United States newswire services or dissemination in the United States.

Meliadine West Property - Comaplex Press Release 08- 10

July 9, 2008

<u>hole #</u>	<u>area</u>	<u>lode</u>	<u>meterage</u>	<u>weigh. aver. (gmt Au/m)</u>	<u>Cut to 60 gmt Au weigh. aver. (gmt Au/m)</u>
M08-720A	Tiriganiaq - West Deeps	1255	444.55 - 451.50	11.8 / 6.9m	
			incl. 447.45 - 451.5	17.4 / 4.0m	
		1255	455.85 - 457.8	6.3 / 2.0m	
M08-721	Tiriganiaq - West Deeps	1255	459.8 - 462.6	12.9 / 2.8m	
		1255	468.7 - 478.05	48.3 / 9.4m	29.1 / 9.4m
M08-722	Tiriganiaq - West Deeps	1253	407.2 - 408.2	13.1 / 1.0m	
		1252	450.0 - 450.5	11.0 / 0.5m	
M08-723	Tiriganiaq - West Deeps	1255	421.9 - 425.45	17.5 / 3.6m	
		1015	508.1 - 510.0	11.1 / 1.9m	
		1015	514.2 - 516.5	8.4 / 2.3m	
M08-725	Tiriganiaq - West Deeps	1255	391.4 - 401.5	15.3 / 10.1m	
		1252	411.0 - 432.5	10.8 / 21.5m	
			incl. 416.4 - 424.0	15.2 / 7.6m	
		1015	500.7 - 503.2	8.7 / 2.5m	10.5 / 21.5m

