

August 16, 2006

Sienna Gold Inc.

Sienna Confirms Presence of Mineralized Porphyry Intrusive

Calgary, Alberta – **Sienna Gold Inc. (SGP TSX Venture Exchange)** announces that it has completed its first phase of exploration on the Igor property and has already commenced the second phase which involves the planning and construction of 12 km of road for rig access.. The work completed to-date focused on the Tesoros breccia zone. A total of 17 holes and 1755 meters of drill core was obtained and a summary report is being prepared. .

In the course of exploring the Tesoros zone, geological mapping indicated the presence of a mineralized porphyry intrusive. This was confirmed by a recent induced polarization geophysical survey (see press release July 26, 2006). The geophysical results caused the Company to change the orientation but not the location of two of its Tesoros holes (7a and 7b) to test both the breccia and potential porphyry structures.

Results

As previously announced, the geophysical anomaly measured 2,500 meters by 500 meters with a chargeability amplitude of 30 mV/V and a resistivity amplitude of 12,000 ohm-meters. Both in size and amplitude, the IP target at Igor compares well with anomalies present at operating copper mines such as San Manuel and Mission in Arizona.

The two holes were intended to test the Tesoros breccia and there was no opportunity to change their approved locations. As a result the holes were drilled into the northeastern flank of geophysical anomaly where the measured chargeability averaged 15 mV/V.

	Hole 7a		Hole 7b	
	Hole Average	Best section	Hole Average	Best section
Gold includes	120 m of 0.20 gpt	18 m of 1.02 gpt 2 m of 8.04 gpt	110 m of 0.08 gpt	8 m of 0.3 gpt 4 m of 0.47 gpt
Silver Includes	120 m of 2.56 gpt	18 m of 16.4 gpt 2 m of 114.4 gpt	110 m of 4.43 gpt	14 m of 9.64 gpt 2 m of 28.5 gpt
Copper Includes	120 m of 0.03%	16 m of 0.09% 4 m of 0.2%	110 m of 0.02%	16 m of 0.06% 4 m of 0.09%
Lead Includes	120 m of 0.04%	14 m of 0.12% 6 m of 0.17%	110 m of 0.08%	16 m of 0.18% 6 m of 0.26%
Zinc includes	120 m of 0.10%	24 m of 0.21% 6 m of 0.31%	110 m of 0.35%	16 m of 0.73% 10 m of 1.09% 4 m of 2.3%

The results of these two drill holes, shown on the table above, confirm the presence of a mineralized porphyry system. The full length of core of both holes was mineralized with anomalous values of copper, zinc and, in places gold and silver

The Company plans to complete a second phase geophysical survey to provide data on lines spaced every 200 meters and to find the limits of the anomaly in areas where there was no closure. Drill locations will be selected based on the surface mapping and sampling and the completed geophysical survey. The Company has signed a cost-sharing agreement with the local municipality for the construction of a 12 kilometre road to the community of Callanquitas from which drill pads will be accessed.

The Company has also commenced a detailed trenching and sampling program on the Domo, Callanquitas and Portochuelo areas of the concession. These results will be made available when the trenching and sampling program is complete.

Sienna Gold Inc. is exploring in Peru for precious metals and its major project is IGOR which continues to hold management's attention and exploration direction.

This press release has been reviewed and approved by Murray Lytle, P.Eng. who is the Company's Qualified Person.

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