

## ***Sheffield Resources Ltd.***

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### **NEWS RELEASE**

#### **SHEFFIELD RELEASES MOONLIGHT NI 43-101 COMPLIANT COPPER RESOURCES**

Vancouver – March 27, 2007 - Sheffield Resources Ltd. (“Sheffield”) (TSX-V: SLD), (PINK SHEETS: “SLDOF”) and (FRANKFURT: “S2Q”) is pleased to announce the results of a resource estimate prepared by Giroux Consultants Ltd. (“Giroux”) and Orequest Consultants Ltd. (“Orequest”) for the Company’s Moonlight Deposit. This benchmark work establishes for the first time resources for the Moonlight Deposit that are compliant with current CIM guidelines. The Giroux/Orequest National Instrument 43-101 compliant report of these resources will be available to regulators and investors within 45 days of this release.

#### **Moonlight Indicated Resource Grade-Tonnage Table**

Cutoff (Cu %)	Tons > Cutoff (tons)	Grade > Cutoff		
		Cu (%)	Au (oz/t)	Ag (oz/t)
0.20	161,570,000	0.324	0.003	0.099
0.25	114,570,000	0.366	0.003	0.112
0.30	76,150,000	0.413	0.003	0.124

#### **Moonlight Inferred Resource Grade-Tonnage Table**

Cutoff (Cu %)	Tons > Cutoff (tons)	Grade > Cutoff		
		Cu (%)	Au (oz/t)	Ag (oz/t)
0.20	88,350,000	0.282	0.003	0.089
0.25	48,820,000	0.329	0.003	0.107
0.30	23,720,000	0.390	0.003	0.118

Giroux estimated the metal grades using a combination of kriging and indicator kriging methods. The data base for the Moonlight Deposit consists of 207 drill holes with 11,165 sample intervals. A total of 194 diamond drill holes were drilled by Placer Development Ltd. (now Barrick Gold Corporation) in the 1960’s and 12 diamond drill holes were completed in 2005-06 by Sheffield. The Placer programs were done using “BX” gauge diamond core drilling, while the more recent Sheffield program used larger diameter “HQ” gauge diamond core drilling.

Placer recognized that it lost significant amounts of copper during its drilling in the 1960’s and because of this copper grades estimated from Placer’s data are conservative. Sheffield used large diameter core and angle drilling to maximize copper recovery. Giroux compared grade distributions using Placer’s drill data with distributions of grade from Sheffield’s drill data. While gold and silver assays compare reasonably well between the two programs, copper grades from Sheffield’s holes are significantly (44%) higher on average than copper grades from Placer’s drill results. This confirms Sheffield management’s belief that as drilling continues and Sheffield drill data gradually replace the older Placer data, the estimated average copper grade of the deposit will increase due to better sampling and better geological modeling.

The additional historical resource of 43 million tons averaging 0.55% copper at the Superior mine and the 21 million tons of historical resource averaging 0.63% copper at the Engels mine (see news release of April 24, 2006) were not considered by Giroux and Orequest and as a consequence remain non-compliant with NI43-101 protocols. A qualified person has not done sufficient work to classify the historical estimate as current mineral resources, the issuer is not treating the historical estimate as current mineral resources and the historical estimate should not be relied upon.

The Company now intends to undertake a preliminary economic assessment of the Moonlight Project to demonstrate the Project's viability. This will be completed in the coming months.

### **Quality Control and Assurance**

A rigorous Quality Control and Assurance program (QC/QA) is in place, including systematic inclusion of standard sample materials, blank samples, duplicate samples and inter-laboratory check assaying. Samples are sent in sealed containers to ALS Chemex in Reno, Nevada. ALS Chemex is a recognized ISO 9000 registered laboratory. The control samples and duplicate assay results received for the drilling program demonstrated to Sheffield Resources that the results are considered reliable. Copper is determined by atomic absorption spectrometry after a four acid digestion of a 0.4-gram aliquot. A second copper determination plus analyses of silver and other metals are made by ICP-AES after a three acid digestion of a 0.4-gram aliquot.

The exploration program is managed by Robert Wetzel, a California registered professional geologist and qualified person.

### **About Sheffield Resources Ltd.**

Sheffield Resources Ltd. is an exploration and development company focused on the acquisition and systematic exploration of copper and nickel/cobalt deposits with potential for large tonnages of ore that are located in politically stable areas close to infrastructure with the goal of advancing the deposits to production.

The information in this news release that describes the CIM compliant resources at the Moonlight Deposit has been reviewed and approved for release by Mr. Gary Giroux, P.Eng., the qualified person for the Moonlight Deposit resource estimate.

For further information, please contact:

#### **SHEFFIELD RESOURCES LTD.**

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