



# MANTLE RESOURCES INC.

## FOR IMMEDIATE RELEASE

Contact: Investor Relations  
Phone (604) 684-2181  
[info@mantleresources.com](mailto:info@mantleresources.com)

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## 2008 WORK PROGRAM COMMENCES AT AKIE PROPERTY

**Vancouver, B.C. – Monday, June 23, 2008 – Mantle Resources Inc. (TSX Venture: MTS; Frankfurt: A0F7E1) (“Mantle” or the “Company”)** is pleased to announce that the 2008 diamond drill program has commenced on its 100% owned Akie zinc-lead property in northeastern British Columbia. The first drill rig has been set up and is now turning. A second drill rig is expected to be operational shortly. The 2008 Akie exploration program will focus on advancing the Cardiac Creek deposit via targeted drilling and on discovering additional mineralization elsewhere on the property.

### 2008 Cardiac Creek Deposit Drill Program

Although the Cardiac Creek deposit remains open in all directions, the key objectives of this year’s drill program are to determine both the updip and on-strike extent of the deposit as well as to better define the ore body in key areas. Information gained from this work will assist in planning for the 2009 exploration program that may include advanced underground drilling and sampling activities. It is anticipated that this year’s drilling campaign will encompass approximately 10,000 m of drilling in 15 to 20 holes.

### Exploration Elsewhere at the Akie Property

In addition to the Cardiac Creek deposit drilling noted above, the Company plans to conduct an exploration drill program along strike of the Cardiac Creek deposit where historical work combined with recent geological work has identified new highly prospective targets.

One such target, a large (200 m x 1000 m), open-ended, lead-in-soil anomaly referred to as the ‘North Lead Anomaly’, is located approximately 2 km north of the nearest Cardiac Creek deposit drill hole. In 1996, this feature was tested with one drill hole by Inmet Mining Corporation, encountering Gunsteel formation containing 45 m of pyrite-bearing (5% to 12%), siliceous shale, followed by 0.8 m wide interval of massive sulphide mineralization consisting of pyrite, sphalerite and galena. The massive sulphide horizon yielded grades of 11.60% zinc and 9.05% lead. This occurrence may represent a new and separate hydrothermal cell, possibly leading to another sulphide depositional centre.

Once the Cardiac Creek deposit drilling is well advanced, several holes are planned to test the North Lead Anomaly and other Akie property targets.

### Akie Road Construction

The new access road construction re-commenced in early June, with clearing and logging activities having now advanced to approximately kilometer 8.7. This new road, anticipated to be completed in September, will facilitate the Company’s exploration plans for this year by reducing drilling costs, allowing for an extended drill season and safer working conditions for drilling and related activity. The new road will support the ongoing baseline environmental studies and will also provide access for upcoming potential underground exploration activities.



## **Regional Exploration**

In addition to the Akie property, Mantle also owns 100% of an extensive (78,526 ha.) regional exploration land package that covers prospective Gunsteel stratigraphy over a total distance of 160 km. These rocks host a number of zinc-lead showings and occurrences and exhibit numerous gossans indicating the presence of sulphide mineralization. During the next several months, regional exploration will be conducted on these tenures to identify new targets and crystallize their potential.

“With the commencement of this year’s exploration program at Akie and the soon to commence regional exploration, 2008 promises to be an exciting year for Mantle. We have established a number of key milestones that will further enhance the value of Akie and our property portfolio.. With the confidence gained from the work carried out in 2007 and the early start to this year’s exploration activity, we believe strongly that new discoveries can be made,” stated Jim Mustard, President of Mantle.

## **About the Akie Property**

The Akie zinc-lead property is situated within the southern-most part (Kechika Trough) of the regionally extensive Paleozoic Selwyn Basin, one of the most prolific sedimentary basins in the world for the occurrence of SEDEX zinc-lead-silver and stratiform barite deposits.

Drilling on the Akie property by Inmet Mining Corporation during the period 1994 to 1996 and by Mantle in 2005, 2006 and 2007 has identified a significant body of baritic-zinc-lead SEDEX mineralization (Cardiac Creek deposit). The deposit is hosted by variably siliceous, fine grained clastic rocks of the Middle to Late Devonian ‘Gunsteel’ formation. The Company recently filed a 43-101 report supporting the estimated inferred resource of 23.6 million tonnes grading 7.6% Zn, 1.5% Pb and 13.0 g/t Ag (at a 5% Zn cut off grade). The complete NI 43-101 technical report, titled “Geology, Diamond Drilling and Preliminary Resource Estimation, Akie Zinc-Lead-Silver Property, Northeast British Columbia, Canada” and dated May 30, 2008, can be viewed on SEDAR.

Two similar deposits, Cirque and South Cirque, located some 20 km northwest of Akie and owned under a joint venture by Teck Cominco and Korea Zinc, are also hosted by Gunsteel rocks and have a combined geologic inventory in excess of 50 million tonnes.

The Akie property is road accessible year round from Mackenzie and Prince George, and exploration and other activities are supported by a 50 person, all-weather trailer camp situated not far from the Cardiac Creek drill area.

## **Qualified Person**

John R. Fraser, P.Geo. (B.C.), Vice President of Exploration and a Director of Mantle Resources, is the Qualified Person for the Company, as defined by NI 43-101, and is responsible for the technical information contained in this release.

***The TSX Venture Exchange has neither approved nor disapproved the contents of this press release.***

**ON BEHALF OF THE BOARD OF DIRECTORS**

**MANTLE RESOURCES INC.**

**“PEEYUSH VARSHNEY”**

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PEEYUSH VARSHNEY, LL.B  
CEO & CHAIRMAN