

NEWS RELEASE

FEBRUARY 22, 2007

MAWSON IDENTIFIES HIGH-GRADE URANIUM AT STENSJÖDALEN IN SWEDEN

Vancouver, Canada – Mawson Resources Limited (“Mawson”) TSXv – MAW; Frankfurt – MRY. Michael Hudson, President & CEO, announces the staking of the Stensjö dalen and Stensjö dalen South uranium prospects in Northern Sweden. The project area lies three kilometres northwest of Mawson's Kläppibäcken project and is contained with the 100%-owned Hotagen nr 1 exploration permit of 5273 hectares.

At the *Stensjö dalen* prospect, a granite host rock with multiple uranium-fluorite-hematite bearing fractures and zones of cataclastic breccia are exposed within outcrops over a 50-metre-square area. Each uranium mineralized structure ranges from decimetres to half-metre widths. The prospect was first discovered by the Swedish Geological Survey (“SGU”) in the early 1980s, when three samples taken from outcrop areas **averaged 2.1% U₃O₈**, and ranged from 0.2% to 5.1% U₃O₈. Forty boulders are associated with the mineralized outcrop. Five boulder samples averaged 0.6% U₃O₈ and ranged from 0.2% to 1.9% U₃O₈. The SGU completed a total of 15 diamond drill holes at the prospect over a 150-metre by 50-metre area. The project remains open along strike and at depth. Better drill results from this campaign included:

- **7 metres for 0.14% U₃O₈** from 15 metres, **3 metres for 0.33% U₃O₈** from 33 metres and **3 metres for 0.75% U₃O₈** from 41 metres in drill hole 83807
- **5 metres for 0.19% U₃O₈** from 15 metres in drill hole 83803
- **1 metre for 0.64% U₃O₈** from 15 metres in drill hole 83801

At *Stensjö dalen South*, a glacial boulder train with a total of 110 radioactive boulders has been discovered 450 metres south of the prospect area. Analyses from two mineralized boulders returned 0.6% U₃O₈ and 0.1% U₃O₈. One SGU drillhole has been completed to test the prospect, which returned **2 metres for 0.29% U₃O₈** from 75 metres in drillhole 84804. Further information regarding these projects may be found at <http://www.mawsonresources.com/index.php?page=ProjectsStensjodalen>.

Mr Hudson stated: “The Stensjö dalen area has high uranium grades up to 5.1% U₃O₈ from surface outcrops, and a first program of drilling successfully extended uranium mineralization under cover. Drilled uranium mineralization at Stensjö dalen and Stensjö dalen South extends the total zone over a 450-metre-long trend. Previous exploration of the project did not continue beyond the early 1980s, due to the change in sentiment towards the nuclear industry at that time, leaving the potential for mineralization along strike and at depth untested. The proximity of this project to Mawson's Kläppibäcken uranium project, located only three kilometres away, where better drill intersections include 53.1m for 0.16% U₃O₈ from 30.2m, is particularly encouraging. Mawson will commence ground-based surveys in May 2007 once the snow cover has melted”.

The qualified person for the Stensjö dalen project, Mark Saxon, Mawson's VP-Exploration and director, and a member of the Australasian Institute of Mining and Metallurgy, has reviewed and verified the contents of this release.

On behalf of the Board,

“Michael Hudson”

Michael Hudson, President & CEO

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