

Media / ASX Release

31 August 2009

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## **COPPER-GOLD EXPLORATION RE-COMMENCES AT SPRINGFIELD**

### ***TARGETING VMS POTENTIAL ADJACENT TO HIGH-GRADE DEGRUSSA DISCOVERY***

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Talisman Mining Limited (ASX: **TLM**) is pleased to announce the commencement of a staged exploration program at its 100%-owned **Springfield Project** (previously known as the Sakaladis Project), located in the northern Murchison Goldfield of Western Australia.

The Springfield Project is located approximately 150km north east of Meekatharra and adjacent to Sandfire Resources Ltd's Doolgunna Project, which hosts the recently discovered DeGrussa high-grade copper-gold volcanogenic massive sulphide (VMS) deposit.

Initial reconnaissance exploration by Talisman at Springfield has identified the continuation of the same prospective Upper Narracoota Volcanic Formation through the Springfield Project area, which lies immediately east of the Doolgunna Project.

The Springfield Project comprises three Exploration Licence Applications (ELA's) pegged by Talisman as part of a strategy targeting prospective formations within the Peak Hill district for gold and copper mineralisation (see **Figure 1**).

The recent discovery of high-grade copper-gold mineralisation at DeGrussa, combined with the fact that this style of deposit typically occurs in clusters, has opened up Talisman's Springfield Project as one of the most prospective exploration properties in Western Australia for high-grade VMS deposits.

Accordingly, Talisman has decided to advance the Springfield Project on a priority basis.

Exploration completed by Talisman to date at the Springfield Project includes:

- Reconnaissance field investigations focusing primarily on lithostructural mapping, together with rock chip sampling and orientation geochemical sampling. This mapping and sampling work has confirmed that the prospective Upper Narracoota Volcanic Formation extends from Sandfire's DeGrussa prospect along strike into Talisman's Springfield Project. In addition, up to approximately 25km of strike of this prospective stratigraphy is interpreted to occur within the Springfield Project area around the margin of a large synclinal fold (see **Figure 2**);
- A review and compilation of historical open file data which has identified a previous extensive soil and lag geochemical sampling survey that was completed over parts of the Upper Narracoota Formation along strike from the DeGrussa Prospect and other parts of the identified prospective horizon (see **Figure 3**). This data has identified a robust, highly anomalous copper response over an area measuring approximately 4km by 1.25km immediately along strike from the DeGrussa Prospect. The anomalous area is also supported by sporadic high gold values; and
- Sourcing regional data sets including satellite imagery, airborne magnetic data and gravity data to enable construction of a regional geological context to establish a platform for new target identification.

In light of the extremely encouraging geochemical sampling results, Talisman will be commencing the following exploration programs as a priority:

- Detailed multi-element geochemical infill soil sampling covering approximately 5km of the immediate strike extension of the prospective Upper Narracoota Volcanic Formation (see **Figure 4**). This program is designed to confirm and enhance the existing copper anomaly and provide support from other indicator minerals (eg, gold). The aim of this sampling program is to provide defined targets that merit moving loop electromagnetic surveys (MLEM) and/or drilling programs;
- A program of regional reconnaissance lag and soil sampling to provide a first-pass test of approximately 15km strike of the prospective target Narracoota Formation stratigraphy (see **Figure 4**). The aim of this work is to quickly identify areas that require more detailed in-fill soil sampling; and
- Detailed lithostructural regolith mapping and gossan search.

This immediate initial program of work is designed to identify areas for additional surface geochemistry and geophysical surveying with the aim of defining drill targets.

#### **Competent Persons' Statement**

*Information in this ASX release that relates to Exploration Results is based on information compiled by Mr Harry Cornelius, who is a member of the Australasian Institute of Mining and Metallurgy.*

*Mr Harry Cornelius is a full time employee of Talisman Mining Ltd and has sufficient experience which is relevant to the style of mineralisation and types of deposit under consideration and to the activities undertaken to qualify as a Competent Person as defined in the 2004 Edition of the "Australian Code for Reporting of Mineral Resources and Ore Reserves".*

*Mr Harry Cornelius consents to the inclusion in this report of the matters based on information in the form and context in which it appears.*

- ENDS -

#### **For further information, please contact:**

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**or**

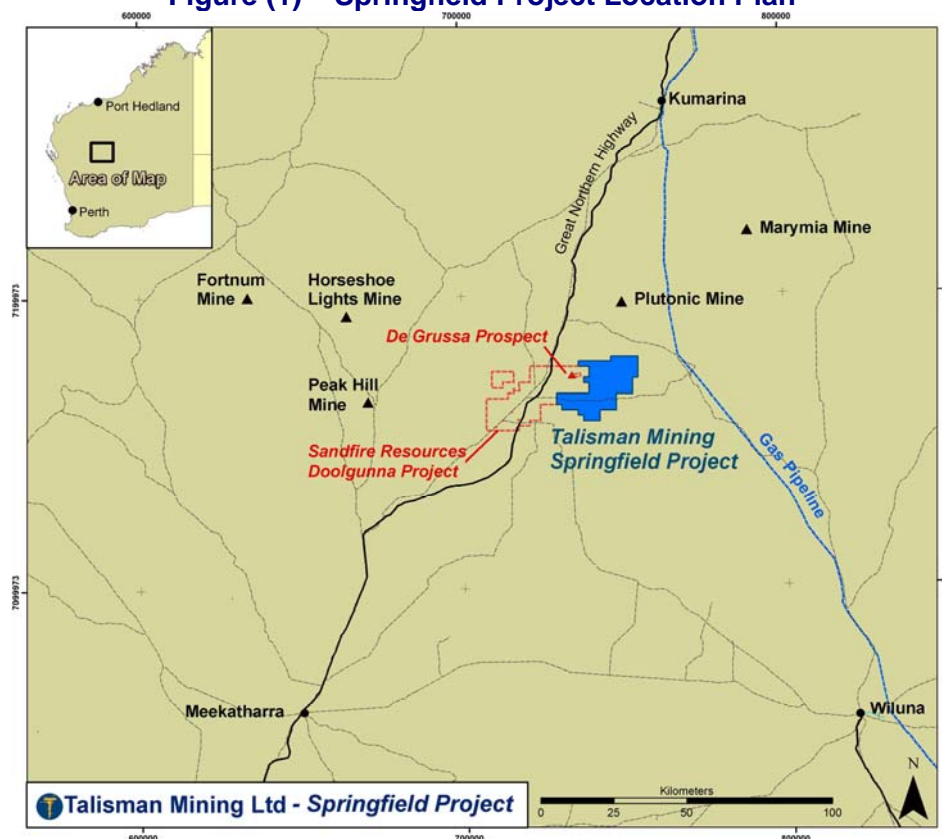
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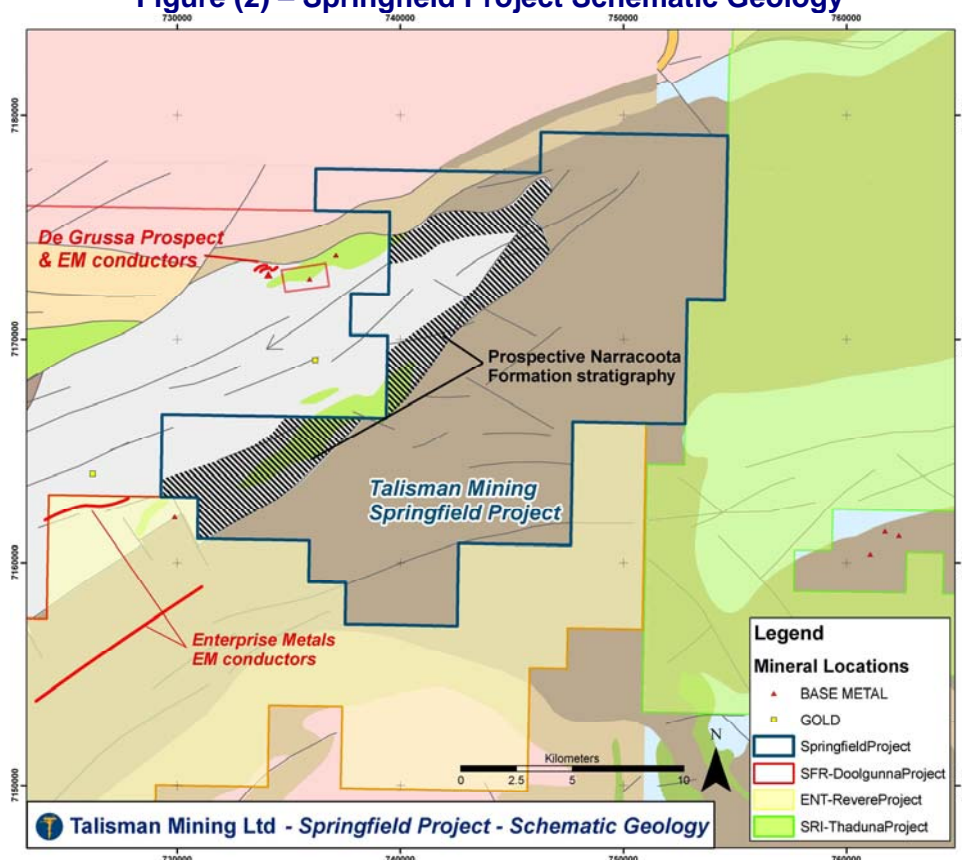
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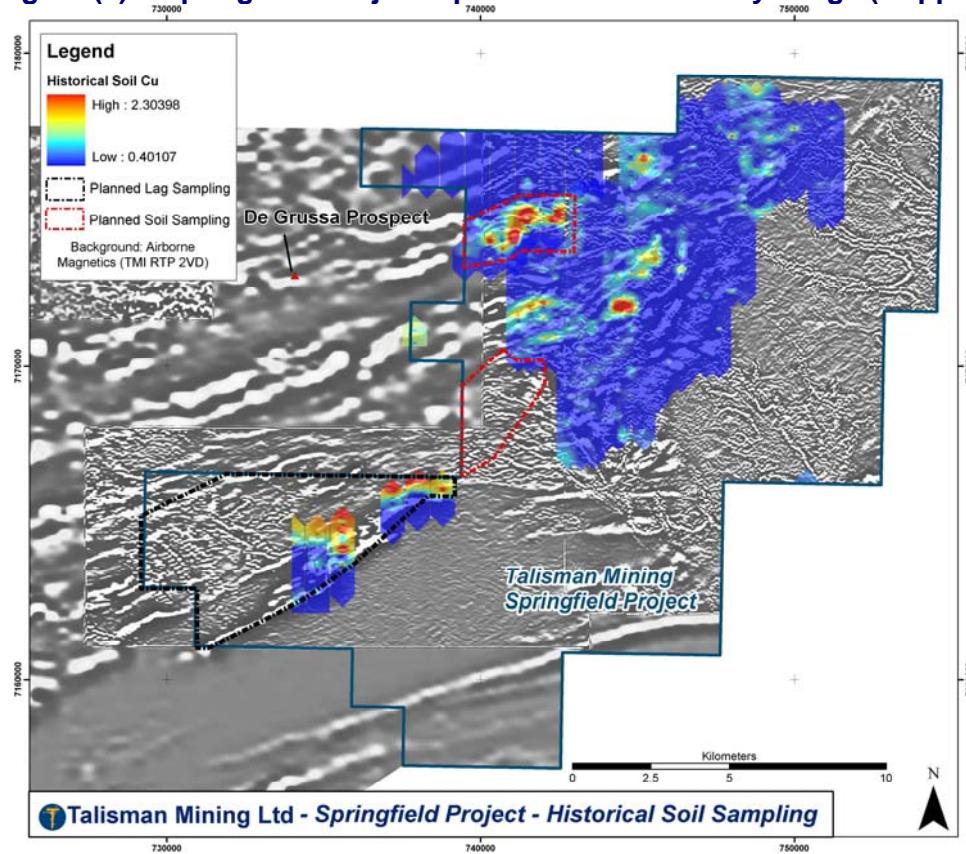
**Figure (1) – Springfield Project Location Plan**



**Figure (2) – Springfield Project Schematic Geology**



**Figure (3) – Springfield Project Open File Geochemistry Image (Copper)**



**Figure (4) – Springfield Project Geochemical Sampling Location Plan**

