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## SPITFIRE COMMENCES SECOND PHASE OF MANGANESE DRILLING AT SOUTH WOODIE WOODIE

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### HIGHLIGHTS

- **Second phase drilling commences at South Woodie Woodie Manganese Project, East Pilbara.**
  - **Program to comprise circa 3,000-4,000m of RC drilling, with provision for extensions subject to results.**
  - **Several targets to be tested including two newly identified manganese outcrops in the northern tenement area and one extensive outcrop in the southern area.**
  - **Drilling also planned to test the area around the final hole of the previous program (WWSO41), which intersected 12m of anomalous manganese grades.**
  - **Further mapping underway to locate new target areas.**
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Australian exploration company Spitfire Resources Limited (ASX: SPI – “Spitfire” or “the Company”) is pleased to advise that it has commenced the second phase of exploration drilling at its 80%-owned **South Woodie Woodie Project**, located 230km north east of Newman in the East Pilbara region of Western Australia.

The program – comprising approximately 3,000-4,000m of Reverse Circulation (RC) drilling – will focus on a number of **priority manganese targets** within both the southern and northern areas of Spitfire’s granted tenement package, which lies approximately 50km along strike to the south of the Woodie Woodie Manganese Mining Centre.

The second-phase drilling program represents the next stage of Spitfire’s systematic exploration program at South Woodie Woodie. The Company’s maiden drilling program which commenced in April this year was terminated ahead of schedule in June following unseasonal heavy mid-year rainfall.

The initial drilling program confirmed the presence of Bangermall Basin lithologies at South Woodie Woodie, which are mineralised in exactly the same nature as the Woodie Woodie deposits. Information from this drilling provided significant insights for Spitfire’s geological team, enabling them to refine the targeting process for the second phase of drilling activity.

In addition, the Company has completed an extensive field mapping program over the southern and northern areas of the project. This has resulted in the delineation of significant new target areas, including an extensive area of high-grade Manganese outcrop in the southern area and two significant areas of high-grade Manganese outcrop in the northern area.

Close-spaced geophysics gravity surveys have been conducted over these areas of interest. Significant anomalies were generated within these zones which, in conjunction with geological mapping, have further refined the manganese targets.

Key targets planned to be tested during the current round of drilling include:

- Potential extensions of the manganese mineralization intersected in drill hole WWS041, the final hole from the maiden drilling program earlier this year, which intersected 12 metres of anomalous manganese grades. The follow-up drill hole to WWS041 was abandoned due to rain;
- A substantial zone of high-grade Manganese outcrop which was located during the recently completed field-mapping exercise in the southern part of the South Woodie Woodie Project; and
- Two new areas of high-grade Manganese outcrop which were identified from the recent field-mapping exercise in the northern part of the South Woodie Woodie Project;

Commenting on the announcement, Spitfire's Chairman and Managing Director, James Hamilton, said: "We have made significant progress over the past six months towards improving our understanding of the geology and exploration potential of the South Woodie Woodie Project.



"We have identified a number of significant new targets based on the results of detailed mapping and reinterpretation of the regional geology, including several significant areas of high-grade manganese outcrop which will be tested as part of the current round of drilling," he continued. "We look forward to reporting the results from this drilling as they become available."

**A large manganese outcrop discovered by field mapping in the South of Spitfire's leases.**

#### **Competent Person's Statement**

*The information in this release relating to exploration is based on information compiled by Mr. N. Cull who is a Member of the Australian Institute of Geoscientists. Mr. Cull is Exploration Manager for Spitfire Resources Ltd, and consents to the inclusion in this type of report of the information as presented. He has sufficient experience relevant to the style of mineralisation and to the type of activity described to qualify as a competent person as defined in the 2004 Edition of the 'Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves.'*

**ENDS**

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## **About Spitfire Resources**

*Spitfire Resources Limited (ASX Code: SPI) is an Australian resource company initially focused on the exploration and development of a portfolio of manganese exploration assets in the East Pilbara region of Western Australia. Spitfire listed on the Australian Securities Exchange in December 2007 following a successful A\$6 million Initial Public Offer (IPO).*

*AIM-listed Churchill Mining Plc is the Company's largest shareholder, which it received as vendor consideration for the divestment to Spitfire of its asset, an 80% interest in the **South Woodie Woodie Manganese Project** in Western Australia's East Pilbara region.*

*The South Woodie Woodie Project comprises three granted Exploration Licences. The principal area of initial exploration focus lies some 50km down-strike from the 1Mtpa Woodie Woodie manganese mine.*

*Spitfire also announced that it had secured a substantial portfolio of new exploration tenure near the South Woodie Woodie Project, more than doubling its existing land holdings in the prospective East Pilbara region. The Company has lodged applications for four strategic tenements, covering a total area of 899 square kilometres, which are located approximately 13km south-east of the South Woodie Woodie Project.*

*Some of the new ground package abuts tenements managed by Consolidated Minerals, the former listed owner of the Woodie Woodie mine, and who was bought by private Ukrainian group Palmary Enterprises. Spitfire selected the ground after completing interpretive geological work suggesting that the area to the south-east could host strike extensions of a potential corridor of manganese host rocks.*

*In June 2008, Spitfire announced a significant addition to its asset base through a conditional agreement to acquire a portfolio of advanced thermal coal projects located in Tasmania, providing the basis for a potential niche thermal coal export business.*

**ENDS**