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## **SPITFIRE EXPANDS EAST PILBARA FOOTPRINT WITH STRATEGIC GROUND ACQUISITION NEAR WOODIE WOODIE**

***FURTHER STRENGTHENS GROUND POSITION AHEAD OF MAJOR DRILLING PUSH***

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Spitfire Resources Limited (ASX: **SPI** – “Spitfire” or “the Company”) is pleased to advise that it has applied for a prospective exploration tenement located 38km due west of the world-class **Woodie Woodie Manganese Mine** in Western Australia, further expanding its strategic footprint in the East Pilbara manganese province.

The new tenement application, E46/935, covers a total area of 149.7km<sup>2</sup> and has had no modern ground based exploration. It includes a large historical geophysical anomaly identified from a previous State-funded aeromagnetic survey.

Spitfire intends to review the historical data with a view to planning an exploration program on the tenement once it is granted.

The acquisition reflects the Company’s aggressive approach to expand and enhance its tenement holding in the East Pilbara, which now covers a total area of more than 1,800 square kilometres.

### **2011 Exploration Program – Update**

Spitfire is currently in the final stages of preparing for its upcoming 2011 exploration program, which will comprise of approximately 10,000 metres of Reverse Circulation and Diamond Core drilling to test the new “Contact” discovery at its South Woodie Woodie Project, as well as newly identified targets in the vicinity of this discovery.

The exploration camp is currently being transported to site and other logistical preparations are well advanced to enable drilling to commence in early April, or as soon as weather conditions permit.

The campaign, which is intended to take 3 months, will focus on:

- RC drilling to extend and then in-fill the Contact mineralised zone and establish an initial JORC compliant Mineral Resource;
- Diamond drilling to obtain representative core samples for definitive metallurgical test work. This test work program will be designed to confirm the ability to upgrade the Contact material to a final direct shipping grade product (+40% Mn); and

- Selective RC based drilling on the targets generated from the GAIP survey to assess the potential for the Contact area and surrounding zones to host high-grade Woodie Woodie-style (+40% Mn) manganese within the Carawine Dolomite host rock – with particular focus on the large anomaly to the north-east of Contact. The presence of Carawine Dolomite has strengthened the potential for this area to host high-grade manganese deposits.

Spitfire's Chief Executive Officer Mr. John Mackenzie, said the Company was eagerly awaiting the commencement of drilling at South Woodie Woodie, which will mark the beginning of the most active exploration program in the Company's history.

## ENDS

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### Competent Person's Statement

*The information in this report relating to exploration results and mineral resources is based on information compiled by Mr. N. Cull who is a Member of the Australian Institute of Geoscientists. Mr. Cull is a senior geological consultant 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.'*

### About Spitfire Resources

*Spitfire Resources Limited (ASX Code: SPI) is an emerging Australian resource development company focused on the carbon steel materials sector. Spitfire's flagship asset is the South Woodie Woodie Manganese Project, which is located approximately 50km down-strike to the south from the 1Mtpa Woodie Woodie Manganese Mine in the East Pilbara region of Western Australia.*

*Spitfire's initial exploration success at South Woodie Woodie has been within the Southern Target Area, where it has defined a near-surface manganese deposit at the Tally-Ho Prospect, in an area which has had little historical exploration.*

*Spitfire's principal focus will remain the exploration and evaluation of manganese deposits in the East Pilbara, although it has also acquired a portfolio of advanced thermal coal projects in Tasmania and prospective base metals tenure in the Northern Territory which offer the potential for future diversification.*

Figure 1 – Regional location map showing Spitfire tenements and nearby Manganese Mine sites

