

**MEDIA / ASX RELEASE**

**12 September 2011**

## **SPITFIRE HUNTING MORE DISCOVERIES**

### ***Gradient Array IP Survey Underway Targeting Potential New Discoveries Surrounding Contact and Contact North Deposits***

Spitfire Resources Limited (ASX: **SPI** – “Spitfire” or “the Company”) is pleased to announce that it has commenced a significant new phase of exploration at its flagship South Woodie Woodie Manganese Project in Western Australia, with a major program of Gradient Array Induced Polarisation (GAIP) commencing on site this week.

The surveys will initially be focused on a group of new target areas located immediately to the south-west and west of the recently discovered Contact North and Contact manganese deposits.

The “Contact” area is located in the north-eastern part of Spitfire’s 100%-owned tenement EL46/787, 11km north-west of the Company’s Tally-Ho deposit and approximately 70km directly south of the world-class Woodie Woodie Manganese Mine operated by Consolidated Minerals Limited (see *figure 1*).

GAIP is a sophisticated geophysical technique which has been successfully used to identify zones of manganese mineralisation beneath cover, both by Spitfire at South Woodie Woodie and by other operators in the area, including at Consolidated Minerals’ world-class Woodie Woodie mine to the north.

The GAIP survey undertaken by Spitfire in December 2010, which covered an area of 3 square kilometres, revealed several anomalies including the large anomaly which subsequently resulted in the discovery of the Contact North manganese deposit earlier this year. Subsequent drilling has indicated an excellent correlation between the results of that GAIP survey and discovered manganese mineralisation (See *figure 2*).

The current phase of surveying will cover a total area of approximately 30.1 square kilometres. Surveying is currently in progress over Area 1 (9.9 square kilometres), which is located to the south-west of Contact/Contact North. This comprises four discrete new target areas.

The second phase of surveying will cover a total area of 20.2 square kilometres over two discrete target areas, one to the north of Area 1 and another target area to the northwest of the Contact Deposits. A third area will be surveyed subsequently in early 2012 (see *figure 3*).

Spitfire has previously established an Exploration Target\* of 10-15MT grading 15-25% Mn for the Contact and Contact North discoveries, which is underpinned by the currently drilled mineralisation.

The GAIP survey has the potential to uncover additional target areas which, if successfully drilled, could result in additional discoveries with the potential to add to this Exploration Target and, ultimately, the JORC resource inventory at South Woodie Woodie.

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Spitfire's Managing Director, Mr. John Mackenzie, said the current GAIP surveys represented the most expansive program of geophysics ever undertaken at South Woodie Woodie.

"We aim to use the results from these surveys to plan our upcoming exploration program which will commence immediately after definition drilling at Contact North. Based on our previous success with this technique we are aiming to identify new high priority targets in the same way that led to the Contact North discovery," Mr. Mackenzie said.

"While the main focus of this upcoming drilling will be to establish a JORC resource estimate for the Contact North discovery, we will also have the opportunity this year to test some of the new targets identified by these GAIP surveys," he added.

"Given the effectiveness of geophysics to date in uncovering new discoveries, we are very excited about what the next few months will bring. Manganese deposits in this region generally occur in clusters. Given what we have seen to date, the potential to discover additional deposits at South Woodie Woodie is excellent."

**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 70km down-strike to the south from the 1.2Mtpa Woodie Woodie Manganese Mine in the East Pilbara region of Western Australia.*

*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 prospective base metals tenure in the Northern Territory which offer the potential for future diversification.*

## Appendix 1

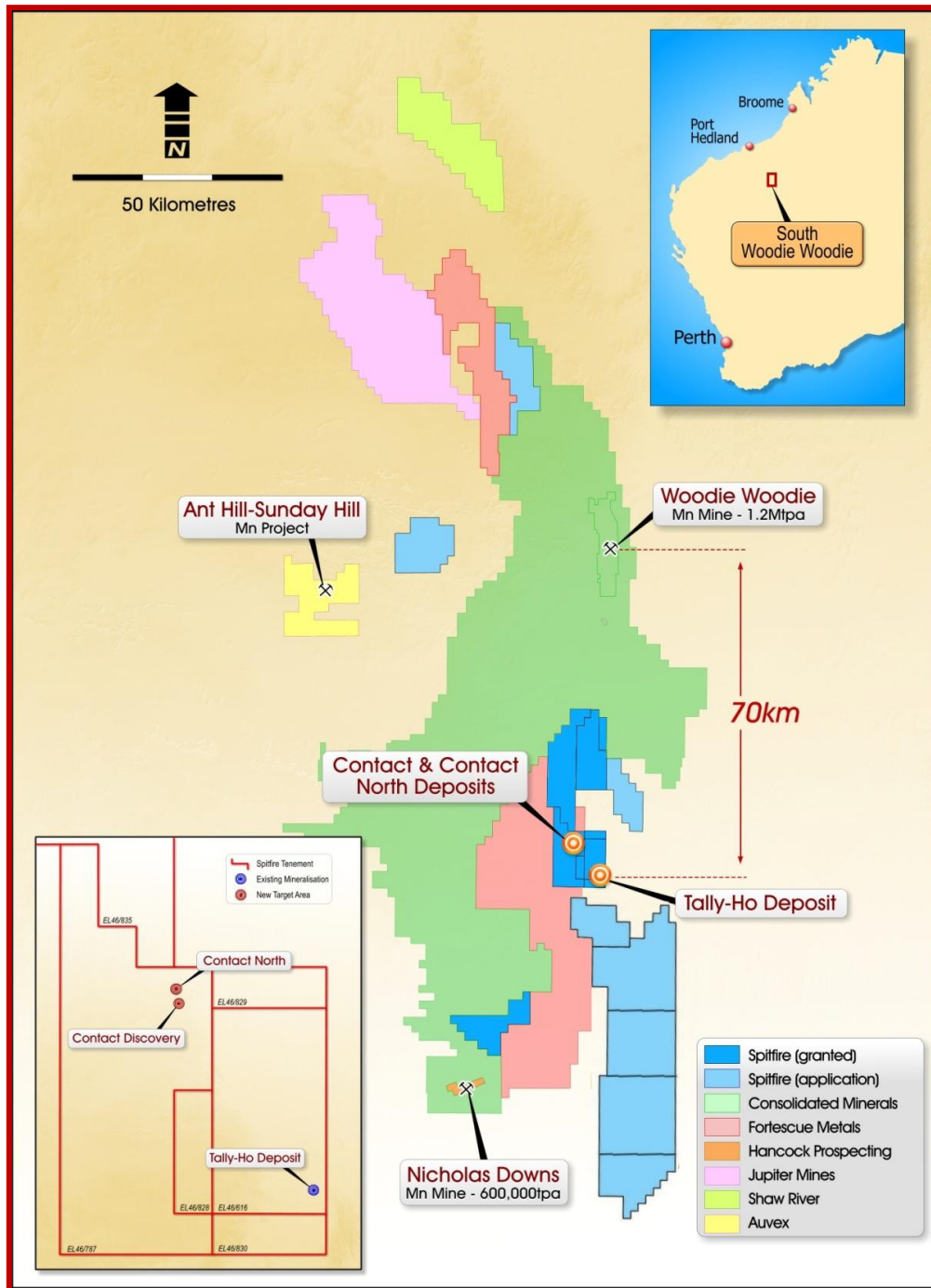


Figure 1 – South Woodie Woodie Tenement Holding

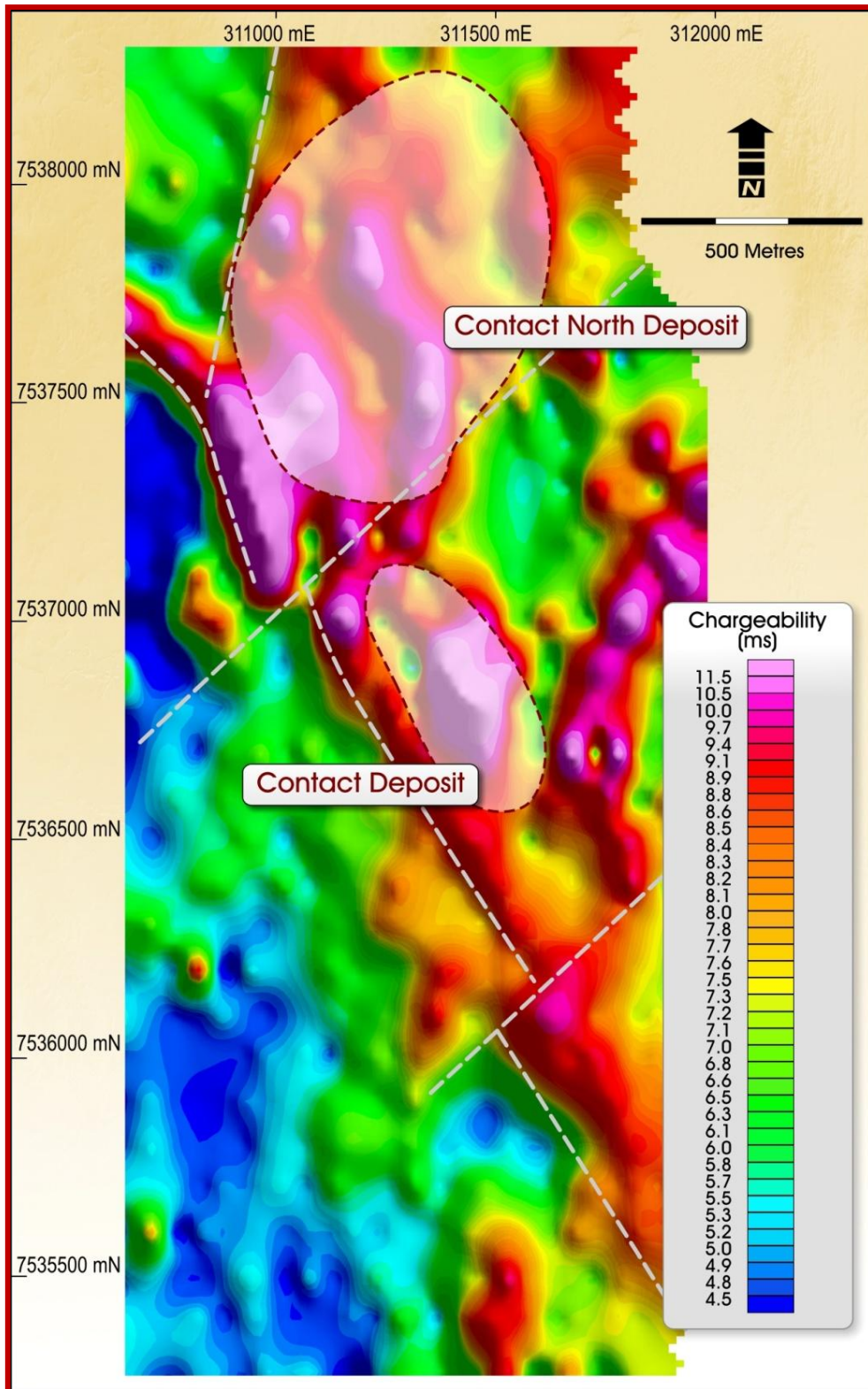


Figure 2 – GAIP Chargeability

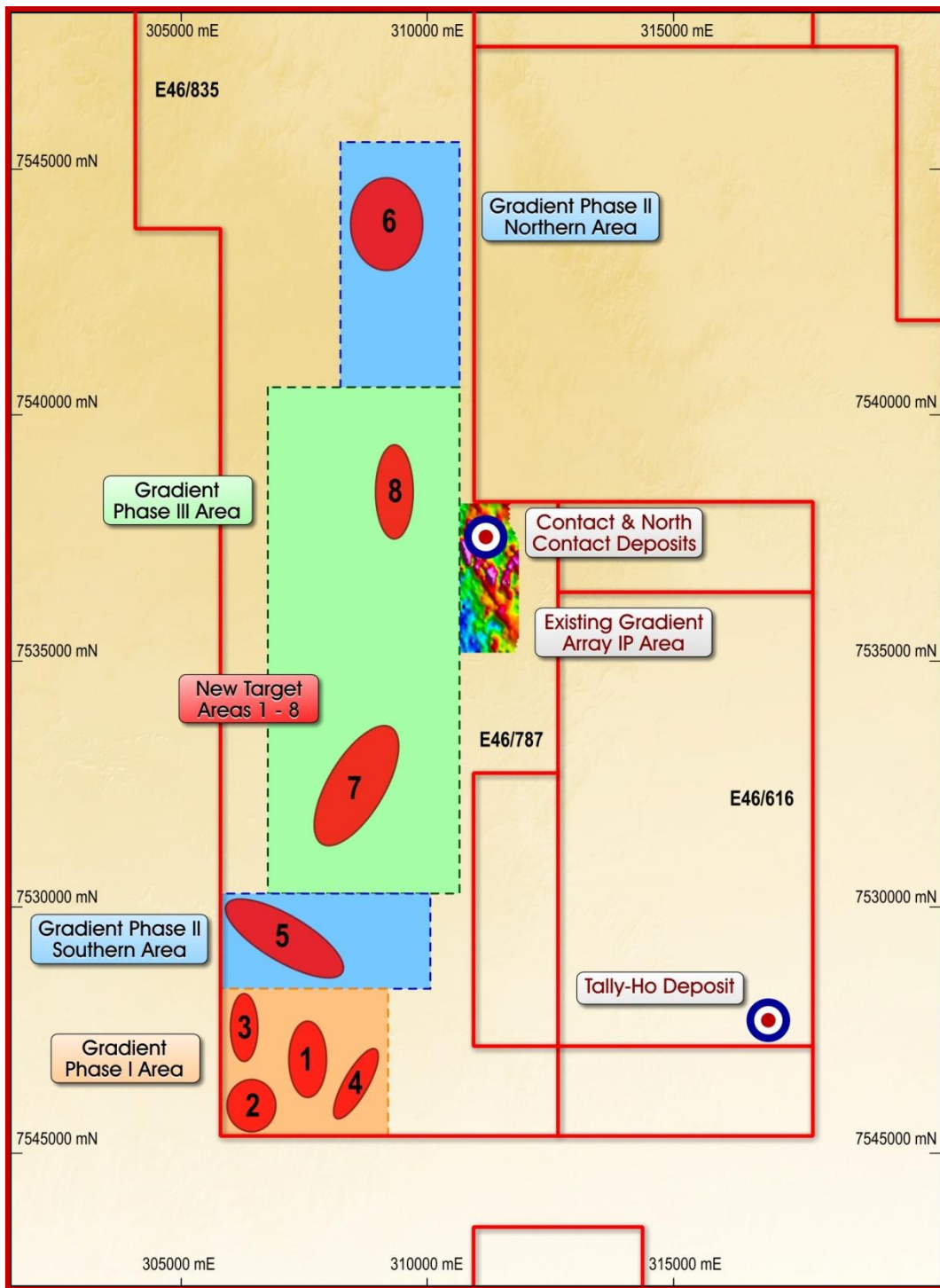


Figure 3 – GAIP Planned Work Schedule