

**19 February 2013**

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## **SIGNIFICANT GOLD RESULTS – MT VETTERS**

- **Air Core drilling of the previously identified palaeochannel gold anomaly at Mt Vettters has intersected gold up to 1.09 gram per tonne over 4 metres from 24 metre depth.**
- **Drill programme completed 16 holes for 1,119 metres.**
- **Gold anomaly is closed to the east and is open to the north-north-west, west and south.**
- **Potential remains for a bedrock gold source on the tenement.**
- **The palaeochannel Gold target is 5 kilometres south east of the Gordon Goldfield and within 10 kilometres of other producing gold mines.**

The Board of Proto Resources & Investments Limited ("Proto") is pleased to announce the Company has intersected gold through Air Core ("AC") drilling of the previously identified gold anomaly at the Mt Vettters Nickel and Gold Project ("Mt Vettters") in the Western Australian Goldfields.

Mt Vettters (E27/0358) which is 50% owned by Proto is located 39 kilometres north-north east of Kalgoorlie in Western Australia and the gold target is 5 kilometres south east of the Gordon Goldfield and the Gordon Sirdar underground mine owned by FMR Investments Pty Ltd (refer Figure 1).

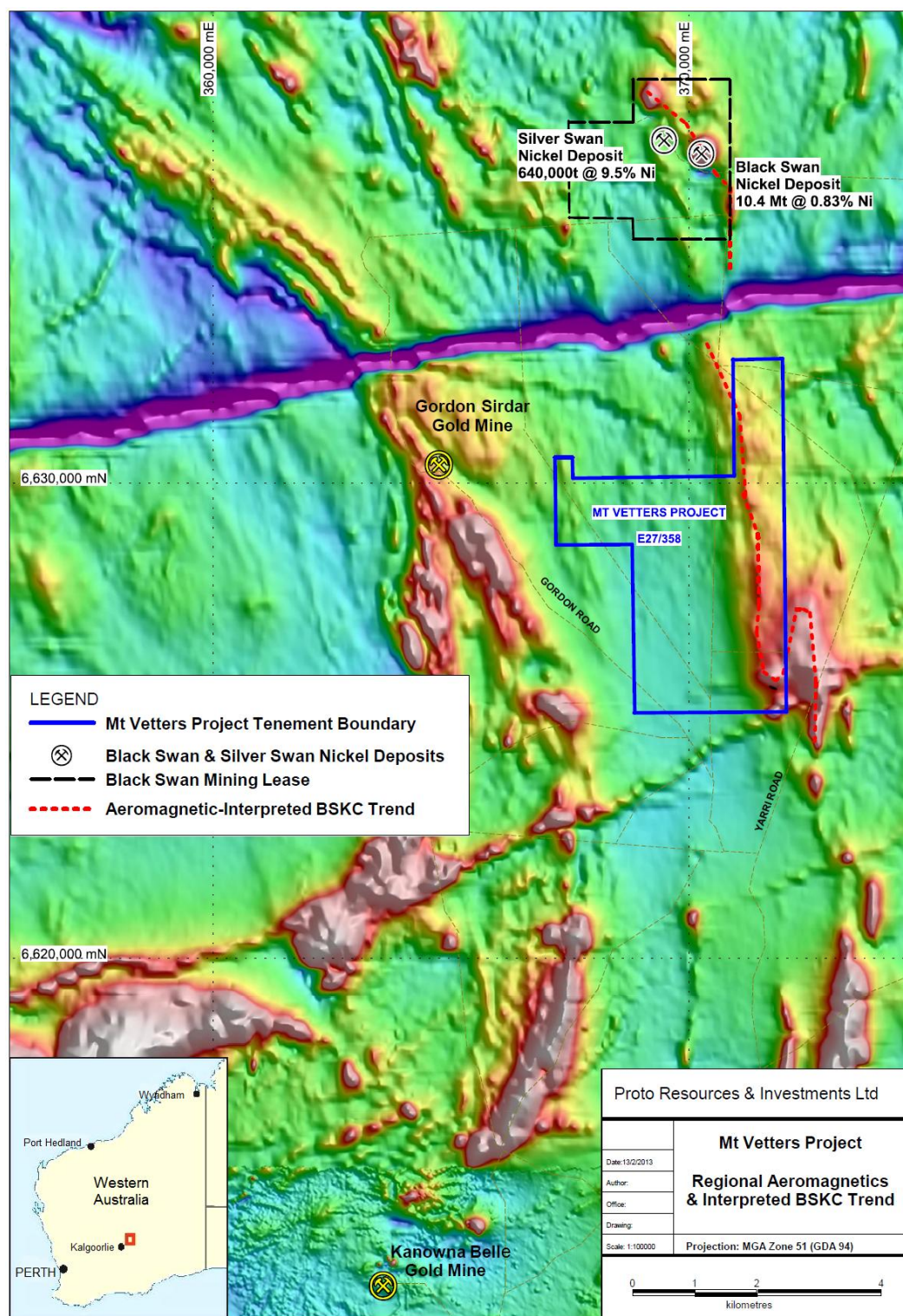


Figure 1. *Mt Vettters Location Map*

### **Air Core Drilling**

Air Core ("AC") drilling of the gold (Au) target at Mt Vettters has completed 16 holes for 1,119 metre (m) over a 200m x 100m drill pattern.

As can be seen in Table 1 below, significant gold assays up to 1.090 parts per million (ppm) were returned from 4 m composite sampling, generally from 24 to 36 m hole depths at approximately mid-way through the palaeochannel sedimentary sequence.

<b>Hole no.</b>	<b>From (m)</b>	<b>To (m)</b>	<b>Au (ppm)</b>	<b>EOH depth (m)</b>	<b>EOH Bedrock Lithology</b>
MVPAC018	28	32	0.182	77	Dacite
MVPAC019	28	32	0.287	37	Palaeochannel Silcrete
MVPAC020	24	28	1.090		
MVPAC020	28	32	0.443	70	Felsic Volcaniclastics
MVPAC022	28	32	0.234	72	Dacite
MVPAC023	28	32	0.132	63	Felsic Volcaniclastics
MVPAC024	28	32	0.130	66	Felsic Volcaniclastics
MVPAC026	32	36	0.181	73	Felsic Volcaniclastics

Table 1. *Significant Gold Assay Intervals  $\geq 0.1$  ppm Au from AC Drilling at Mt Vettters*

The targeted palaeochannel geochemical regolith gold anomaly previously discovered by Cazaly Resources with AC drilling in 2003 (drill holes MVAC001 to MVAC013), has been further defined by Proto with closure to the east and extensions remaining open towards the north-north-west, west and south directions (see Figure 2).



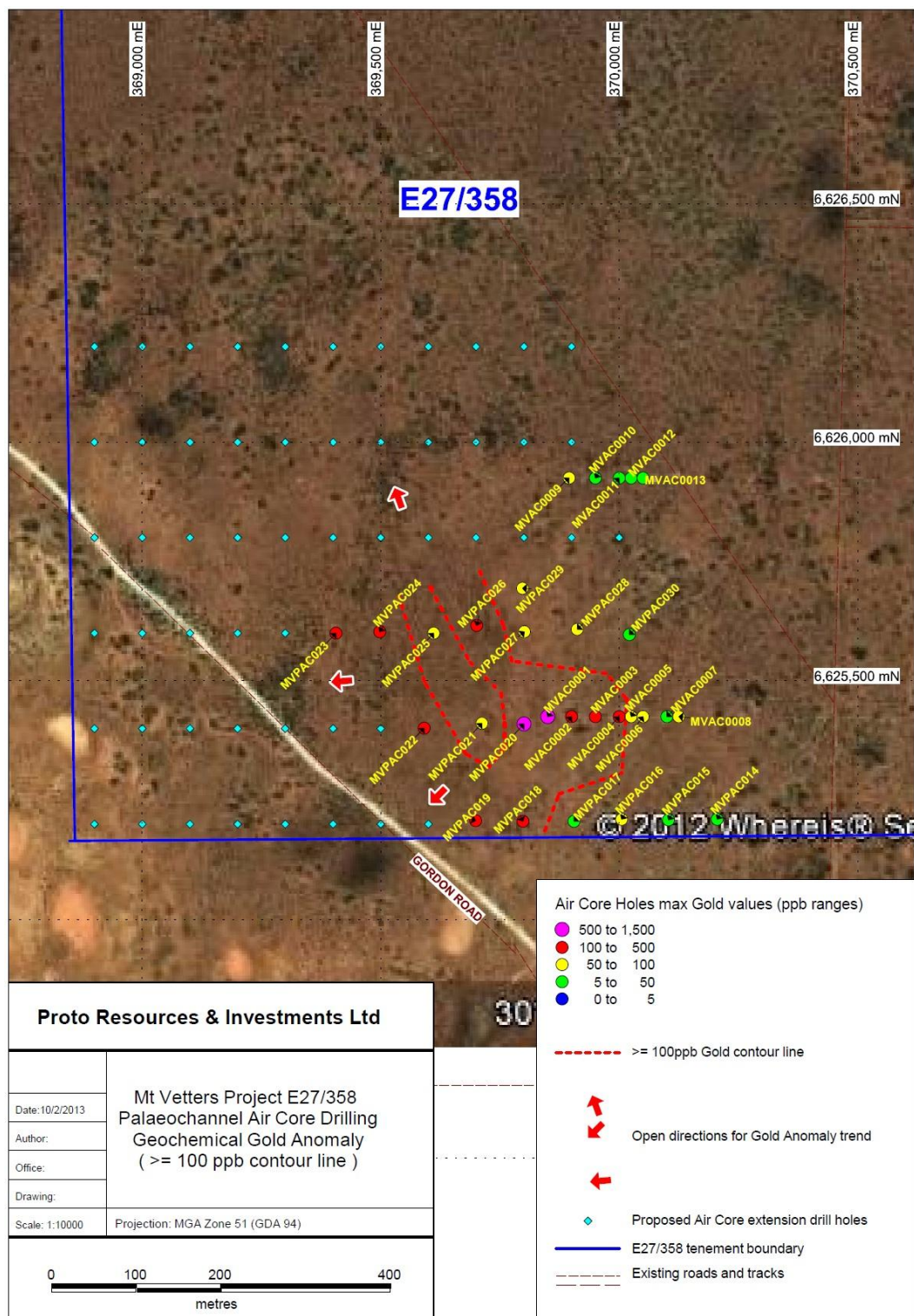


Figure 2. Significant Gold Assay Intervals  $\geq 0.100$  ppm Au from AC Drilling at Mt Veters open to the north-north-west, west and south directions

Indications of a possible underlying bedrock gold source to explain the overlying palaeochannel regolith anomaly remains unsolved, with gold values only up to 145 ppb being obtained from underlying felsic volcanoclastic bedrock.

The regolith anomaly currently remaining open towards the north-north-west, west and south directions suggests potential remains for a bedrock gold source in the vicinity of the south-west corner of tenement E27/358.

No significant multi element geochemistry was obtained from end-of-hole ("EOH") sampling in the bedrock. The best bedrock multi-element assay results were for Zinc, ranging between 110 parts per million (ppm) to 252 ppm, currently interpreted to be related to background levels for Zinc occurring in sedimentary components within the felsic volcanoclastic bedrock sequences.

### **Future Work**

A further 35 Air Core holes on a 200m x 100m grid are proposed, as extensional drilling to the existing drill pattern (see Figure 2) in an effort to further define the identified palaeochannel regolith gold anomaly as well as attempt to locate a possible bedrock source to this gold anomalism.

## **Regional Setting**

Mt Vettters is located in the highly mineralised Archaean Volcanics containing gold and nickel and is situated just to the north of the world-class Kanowna Belle Goldfield.

### **Kanowna Belle**

The Kanowna Belle Gold Mine ("Kanowna") – owned by Barrick Gold Corporation – is the world's largest gold producer and is located about 14 kilometres south-south west of the Mt Vettters gold target (see Figure 1) in the same geological setting. During 2011, the Kanowna Project produced approximately 226,000 ounces of gold and had proven and probable mineral reserves as of December 31, 2011 estimated at 832,000 ounces of gold.

### **Gordon Goldfield**

The Gordon Goldfield containing the Gordon Sirdar Gold Mine begins about 5 kilometres north west of the Mt Vettters gold target. Gordon Sirdar – owned by FMR Investments Pty Ltd ("FMR") – is located about 7 kilometres north west of the Mt Vettters gold target (see Figure 1) also in the same geological setting.

Historically, Gordon Sirdar produced 16,610 ounces of gold at 11.27 g/t between 1899 and 1950 from underground workings. A further 18,341 ounces of gold at 6.26 g/t were produced between June 1999 and May 2000 by open cut. FMR mined the main pit in 2010 /2011 and also diamond drilled under the pit to better define the resource which now stands at 80,000 ounces of gold.

### **Lawson's**

The Lawson's Gold Project – owned by Lawson Gold Limited, formerly owned by Gutnick Resources NL – is located about 12 kilometres north-north west of the Mt Vettters gold target (see Figure 1) in the same geological setting. Resource definition is on-going with results to-date including 4m @ 8.58 g/t Au from 44 metres depth and 5m @ 18.22 g/t Au from 72 metres depth.

Shareholders and interested parties should direct their enquiries to;

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**Competent Persons Statement**

*The information in this release that relates to Exploration Results, Mineral Resources or Ore Reserves is based on information compiled by Carl Swensson, who is a Member of the Australasian Institute of Mining & Metallurgy. Mr Swensson is a director of Swensson Integrated Resource Management Services and has sufficient experience relevant to the style of mineralisation and type of deposit under consideration and to the activity which he is undertaking 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". Mr Swensson consents to the inclusion in the release of the matters based on his information in the form and context in which it appears.*