

The Manager
Company Announcements Office
Australian Securities Exchange Limited
Exchange Centre
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Dear Sir

## **EXTENSIVE COPPER MINERALISATION AT NOSIB H**

## **KEY POINTS**

- An area of extensive copper mineralisation has been identified at Nosib H through surface geochemical sampling.
- The copper anomaly covers more than 2,000 metres of strike and returned values in the order of 500 ppm Copper.
- Nosib H hosts outcropping copper, lead & zinc mineralisation (see Figure 1).
- The Nosib H prospect is located on the 15 km long base metal 'Pavian Trend' within Sabre's Ongava project, in the Otavi Mountain Land of northern Namibia.
- The surface copper anomalism at Nosib H is consistent with that of recognised copper deposits in the Otavi Mountain Land, such as that of the Kombat, Guchab and Harasib copper mines.



**Figure 1 –** Malachite (copper carbonate, green) and galena (lead sulphide, grey) in outcrop at Nosib H. The orangey-brown mineral is smithsonite (zinc carbonate).

The 'Pavian Trend' is a 15 kilometre long structural lineament in the Otavi Mountain Land of Namibia (Figures 1 & 2). The trend is defined by highly anomalous base metal soil geochemistry, and hosts a number of lead & zinc (Pb+Zn) prospects. Recent sampling by Sabre Resources ('Sabre') shows an extensive, and previously unidentified, copper anomaly across the Nosib H prospect, at the western end of the recognised Pavian Trend.

Sabre has shown that the Pavian Trend is highly prospective for base metal sulphides including zinc, lead and copper mineralisation. Recognised prospects and deposits on the Pavian Trend include the Border lead-zinc deposit and Khusib Springs Copper mine (see Figure 3).



Figure 2 – Location of the Ongava Project, Namibia

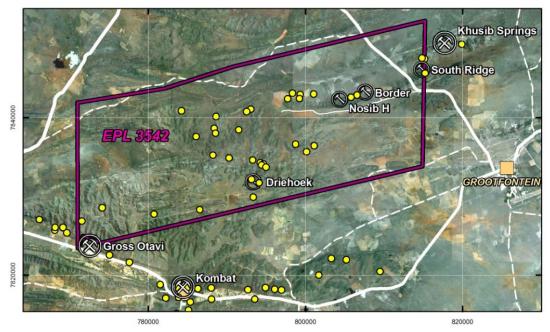
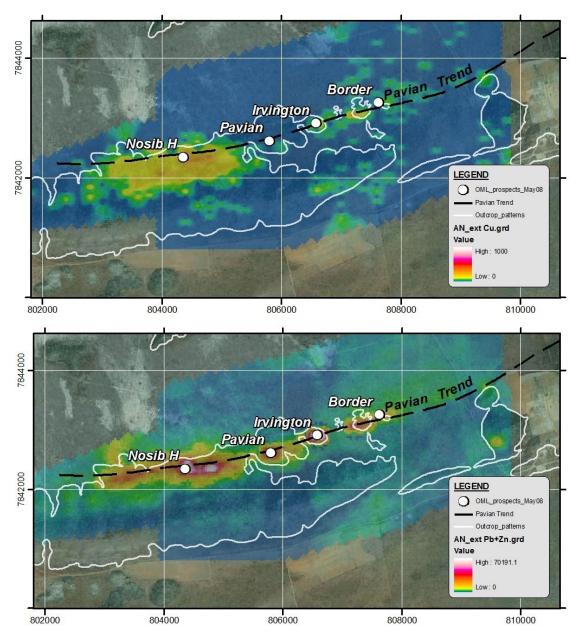


Figure 3 – The Ongava Multi-Element Project area (EPL 3542). Major mines and prospects are labelled. Other prospects are represented by yellow dots (20km grid).

**Nosib H represents a distinct copper, lead & zinc anomaly** on the Pavian Trend, which has been identified by Sabre through comprehensive soil sampling. In outcrop, the Nosib H anomaly coincides with exposures of a number of recognised base metal mineralisation including galena (lead sulphide), malachite (copper carbonate) and smithsonite (zinc carbonate) (Figure 1).

Copper values at Nosib H are remarkably consistent along more than 2,000 metres of strike (Figure 4), with peak values of around 500 ppm copper. Elsewhere in the Otavi Mountain Land, values of 500 ppm copper in soils coincide with historic copper mines and known copper prospects. The identification of such values at Nosib H provides a strong incentive for further detailed exploration.

The copper anomalism at Nosib H contrasts sharply with that of the Border deposit to the east (Figure 4). Secondary copper mineralisation at Border is observed as malachite and cuprite, which were identified in outcrop but a coherent copper anomaly could not be defined. The Nosib H copper anomaly is **coherent**, **measuring approximately 2,200 x 800 metres** and follows the Pavian Trend.



**Figure 4** – Soil geochemistry results for the Pavian Trend between Nosib H and Border. The top image shows copper anomalism, and the bottom image shows zinc and lead anomalism. Note that, despite the overlap in Zn+Pb and Cu values, the distribution of copper anomalies at Nosib H is quite different to distributions further along strike at Border.

The geological structures defining the Pavian Trend control mineralisation at Nosib H, but the copper is more widely dispersed than the zinc and lead (Figure 4). This may represent either the distribution of primary copper sulphides at depth or may represent greater dispersion of oxidised copper in weathered rocks near surface.

The strong association of anomalous copper values with high lead and zinc soil geochemistry values marks Nosib H as **a high priority exploration target** on the Pavian Trend. The large size of the soil anomaly is highly encouraging, and may represent the surface expression of a **significant poly-metallic base metal deposit**.

Yours faithfully
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## For further information please contact:

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## **Competent Person Declaration**

The information in this report that relates to Exploration Results, Mineral Resources or Ore Reserves is based on information compiled by Dr Matthew Painter of Sabre Resources Ltd, who is a member of The Australasian Institute of Geoscientists. Dr Painter has sufficient experience that is relevant to the style of mineralisation and type of deposit under consideration and to the activity that 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 Resource and Ore Reserves". Dr Painter consents to the inclusion in the report of the matters based on his information in the form and context in which it appears.