

NEW GUINEA GOLD

PROPOSAL FOR GEOPHYSICAL SURVEYS AT SINIVIT ML 122 and EL 1140 PNG

January 2010

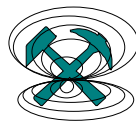
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Contours

Wild Dog Survey Block (0.16 sq.km) – 100m line spacing

The orientation three Dimensional Induced Polarisation (3D-IP) survey over the Wild Dog zone of mineralisation (Figure 1 and 2) is designed to test for the association of resistivity anomalies with the upper gold oxide zone as well as chargeability anomalies with the lower sulphide zone (refer to Maps 1 and 2).

This survey block will take a few days geophysical surveying and will also help train the local field hands with field techniques while in a relatively close proximity to open areas of the mine site. Once completed, the data will be emailed for modelling. During this time the crew will mobilise to survey the Mengmut Block.

Mengmut Survey Block (0.8 sq.km) – 100m line spacing

Following the completion of the Wild Dog Survey, the Mengmut survey is designed to test for areas of additional gold vein systems south of Wild Dog (refer to Maps 1 and 2). The Mengmut Survey Block occurs within the Nengmutka tenement (EL 1140) and covers the Mengmut, Keamgi, Kungunga and Magiabe vein systems. Responses in chargeability and / or resistivity over these partly drilled veins will help provide diagnostic tool for the interpretation over existing veins. This will help more confidently interpret areas of previously unknown veins. This survey will also help fulfill the expenditure and work commitments on EL 1140.

Kavursuki Survey Block (0.52 sq.km) – 100m line spacing

This survey block will test for extensions of potential gold mineralisation associated with veins to the northeast of Wild Dog. The Kavursuki vein system will be covered which will provide diagnostic interpretation of associated geophysical responses.

The results from the resistivity and chargeability modelling from the Wild Dog survey will assist in determining if the gold mineralisation has diagnostic signatures and whether it is feasible to undertake surveying over the Kavursuki Block.

Gorocho Survey Block (1.2 sq.km) – 200m line spacing

This survey area will test the interpreted 'Dilational Jog'. If dilational fracturing exists, it may permit volcanic centres to develop with accompanying breccia formation, alteration and mineralisation. The geophysical survey with wider line spacing may detect broader scale mineralisation associated with a zone of higher resistivity over brecciation and/or higher chargeability associated with sulphide related copper-gold mineralisation at depth.

Magiabe Survey Block (0.5 sq.km) – 200m line spacing

The interpreted Magiabe porphyry is associated with a distinct discrete magnetic anomaly which may be related to the magnetic host pluton (Figure 2). The host intrusive complex of the Ok Tedi deposit is readily mappable from airborne magnetic data.

Fine crystalline gold occurs at the surface of the Magiabe porphyry system within the margin of a mapped potassic altered micro-monzodiorite. The planned 3D-IP survey has 200m line spacings designed to cover a broad area including any pyritic halo within a potentially large mineralising system. Copper sulphide targets may be defined in the chargeability model and noted as immediate drill targets. This

information could be utilised as a marketing tool for prospective joint ventures or funding.

Logistics

Survey lines will be required to be cleared to the extent that a person carrying a backpack can get through. During the geophysical survey, inclination, compass and GPS readings are taken for the production of a topographic map to be suitable for geophysical levelling corrections.

As the survey lines are being cut, flagging or metal tags or wooden stakes need to be placed every 25m along the line measured by a steel chain from the mine grid baseline (50,000E). Distances must NOT be slope corrected as the geophysical wires are of fixed lengths in multiples of 100m and will not stretch over the additional slope corrected distances.

As this is a true three dimensional survey, readings are surveyed as a 'swath' of measurements between three survey lines at the same time.

At least 4 hand held VHF radios will be required together with 3 senior field hands to help with the geophysical wires and at least 5 general field hands to help with carrying equipment.

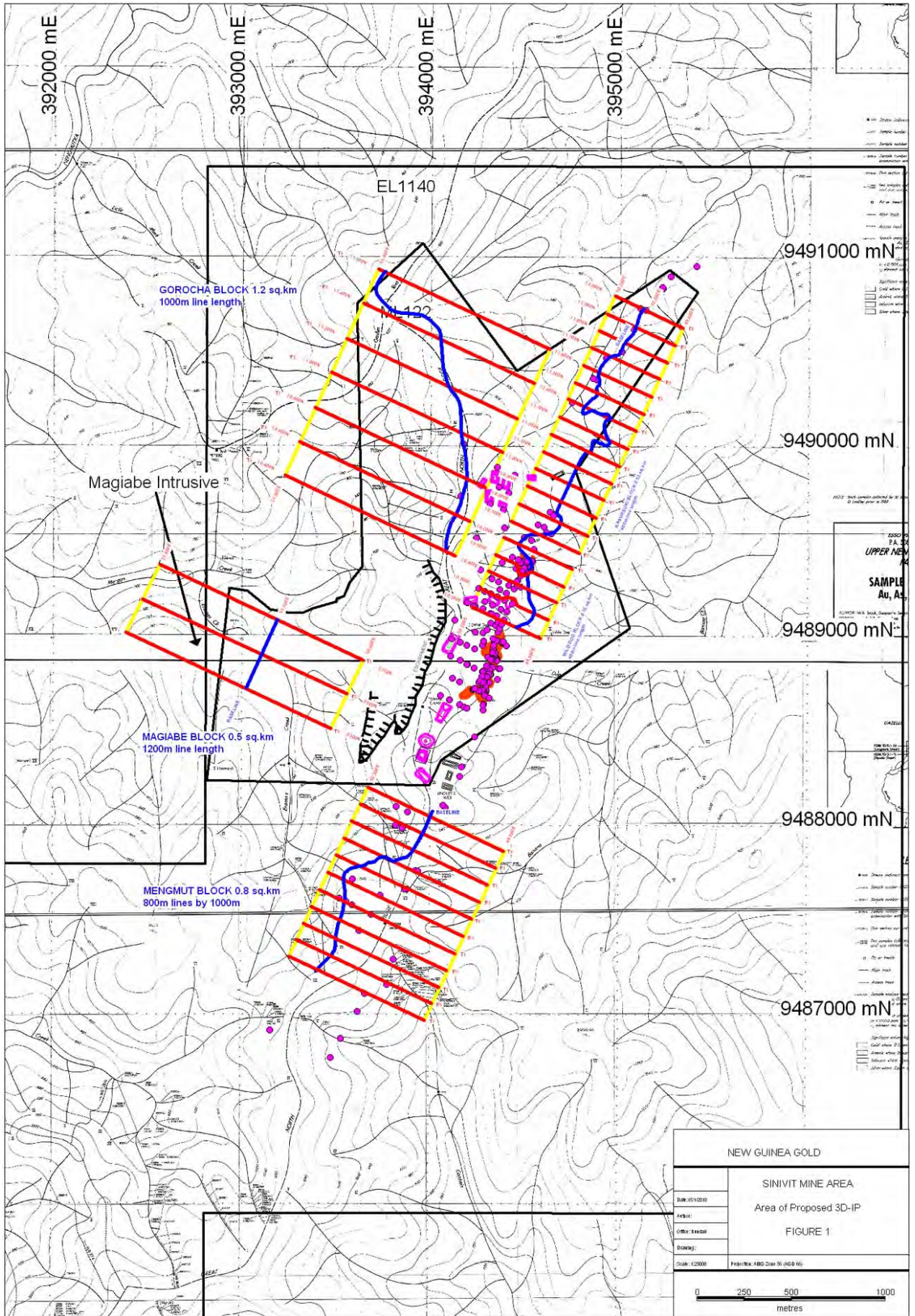


FIGURE 1

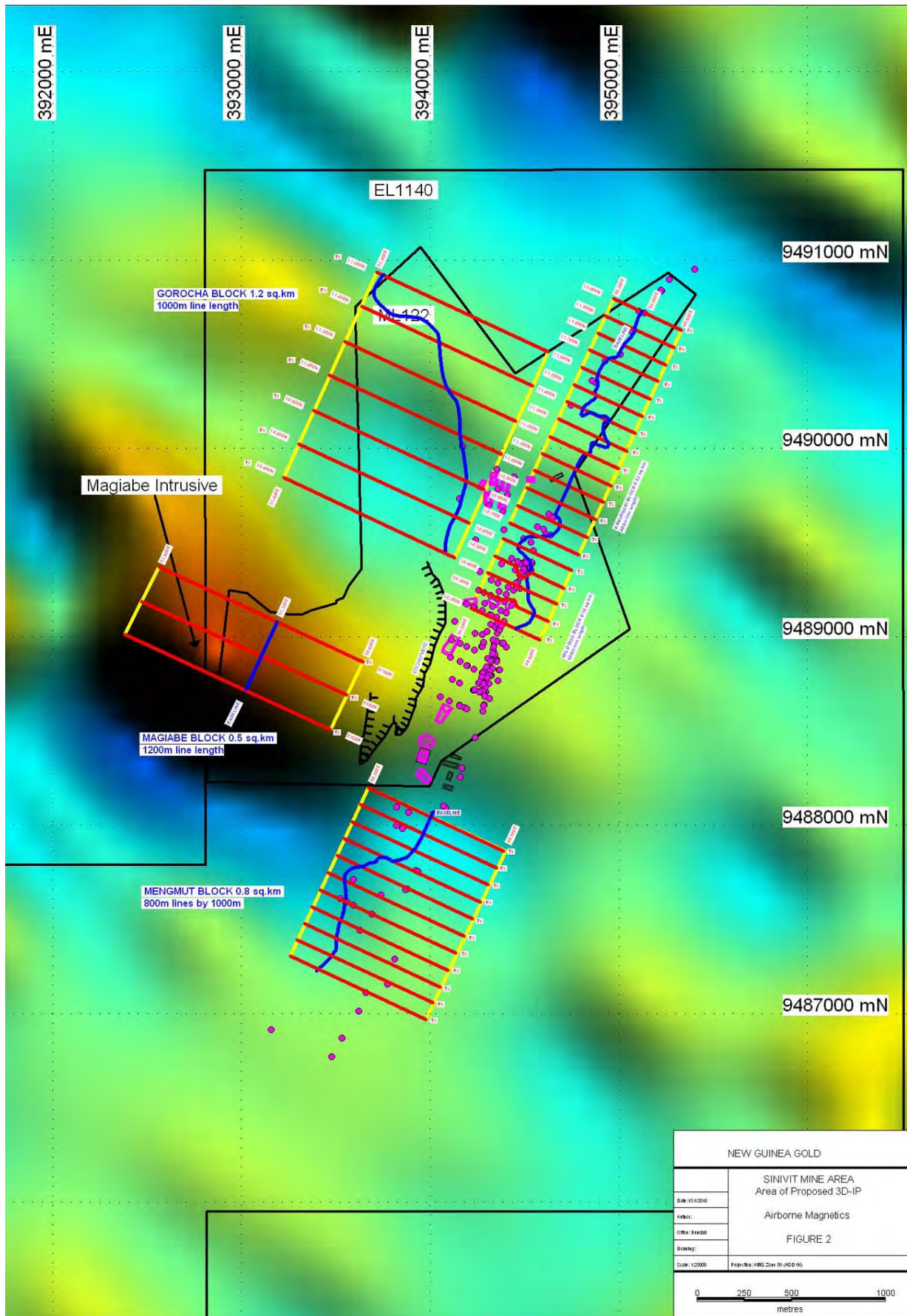
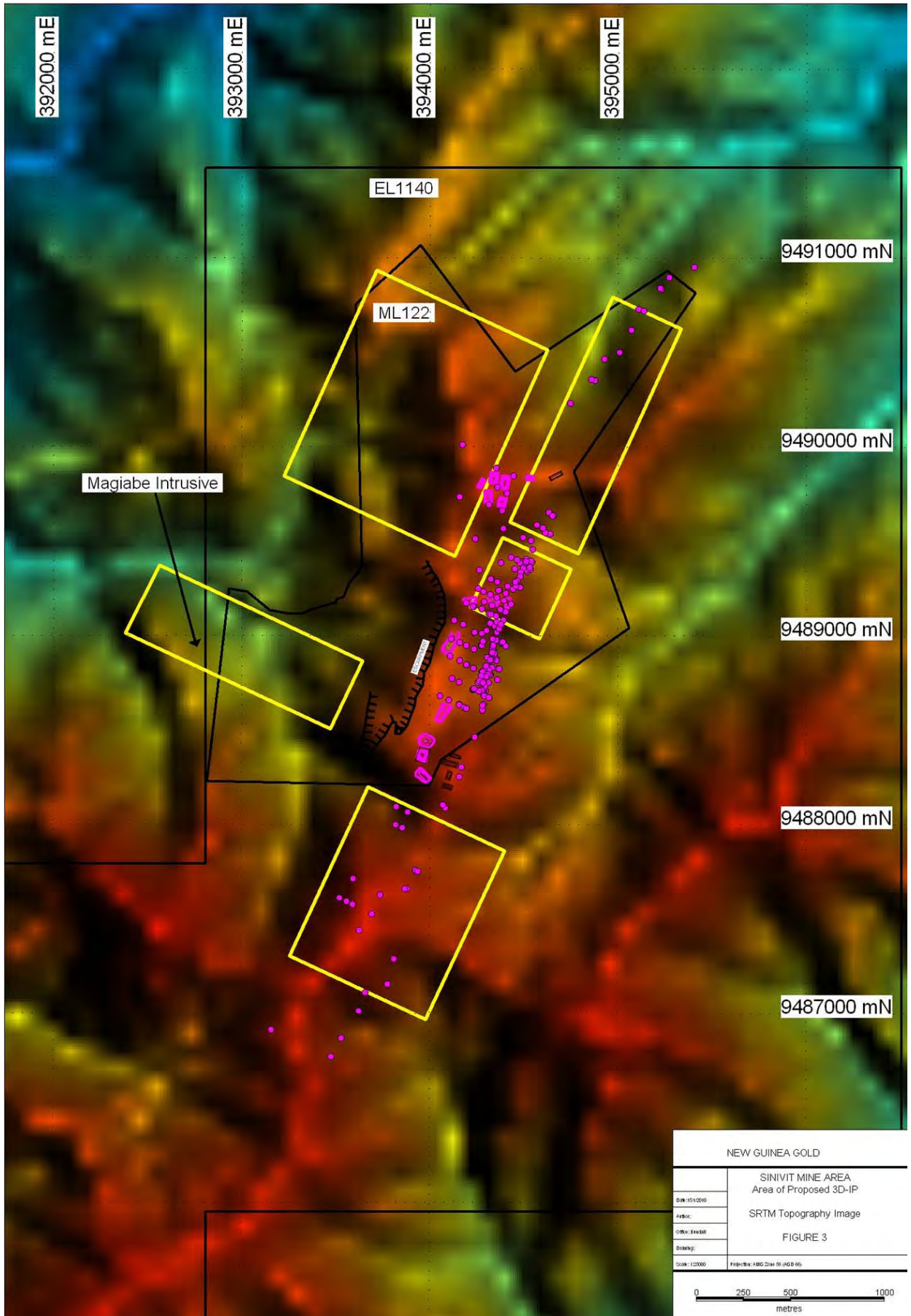


FIGURE 2



NEW GUINEA GOLD	
SINIVIT MINE AREA Area of Proposed 3D-IP	
Date: 15/12/10	SRTM Topography Image
Author:	FIGURE 3
Client: Freeport	
Scale: 1:2000	Projection: ABC Zone 51 (46° E)

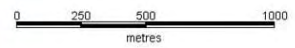


FIGURE 3