M E M O R A N D U M

SUBJECT:	**2011 Yoda IP Report**
DATE:	Friday, 9th December 2011
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SUMMARY

- 1 line of IP/resistivity was collected over the Yoda prospect
- 3 drill holes are proposed to test IP anomalies

INTRODUCTION

In October 2011, Zonge Engineering of Adelaide surveyed a 1.05km line of IP/resistivity at the Yoda prospect, as shown in Figure 1. The line was planned to test for chargeability anomalies associated outcropping auriferous quartz veins and was extended to the east to cover a magnetic high that is under cover, as shown in Figure 2.

SURVEY SPECIFICATIONS

The data was acquired with the following specifications.

Line	Ori	Start E	Start N	End E	End N	Length
Yo_2	105	516576	7446467	517590	7446195	1.05 km

n – 8

time base – 2000ms

Rx dipole – 25m from station 1050 to 1550, 50m from station 1550 to 2100

Tx dipole – 25 and 50 as per Rx

transmitter – Zonge GT30 with XMT-32 controller

receiver – GDD GRx8-32

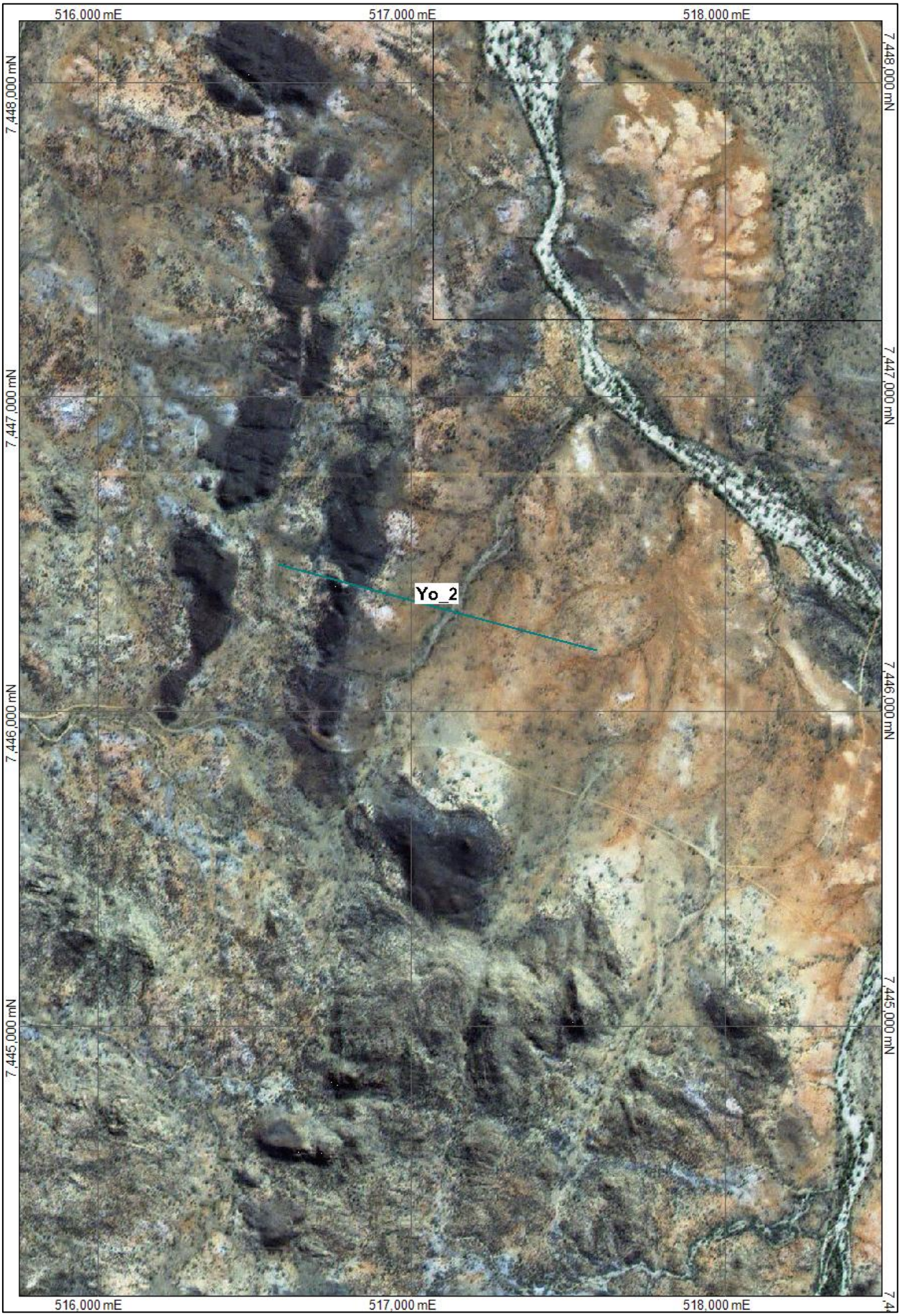

Figure 1: Location of 2011 IP line (green) at Yoda.

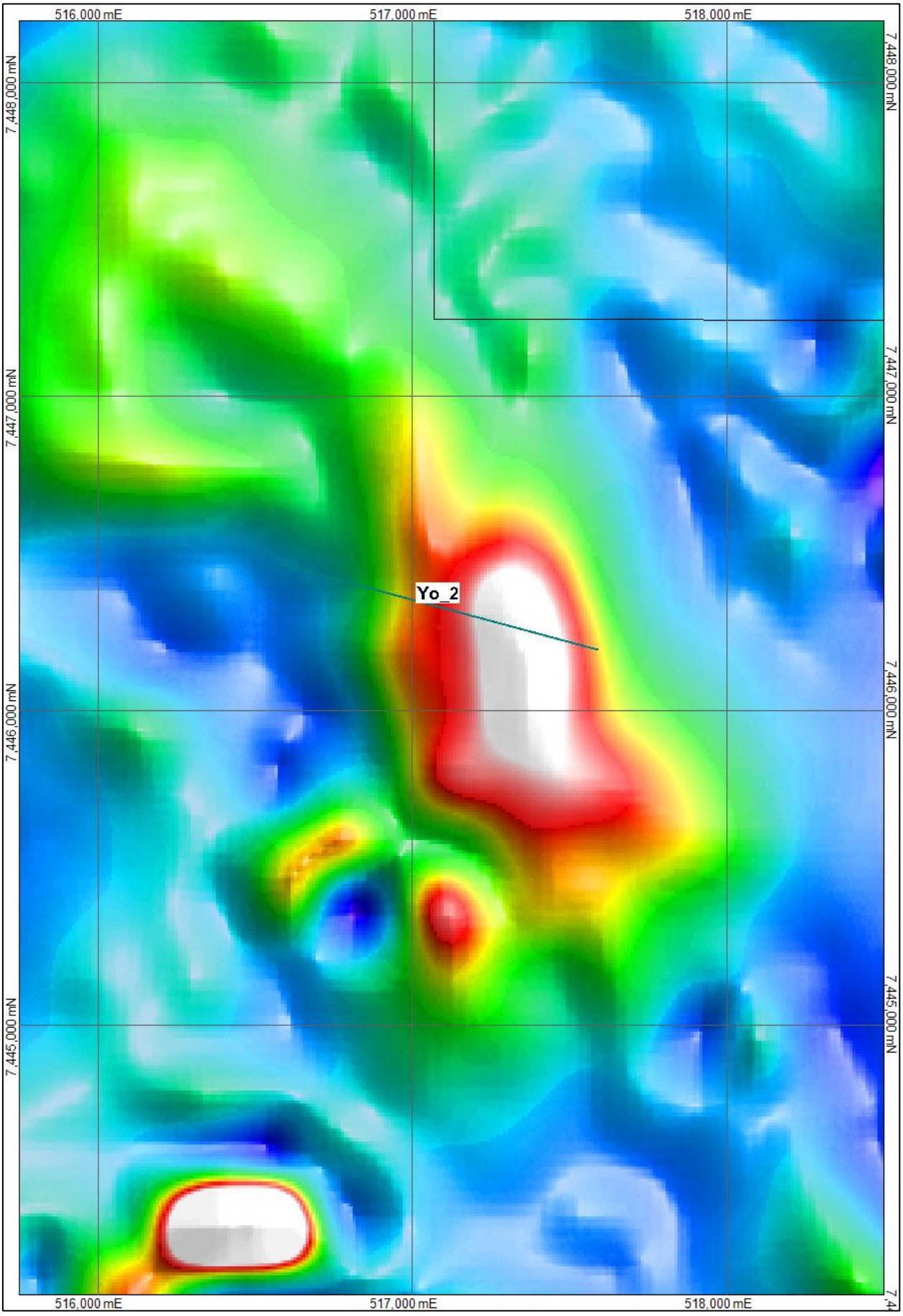

Figure 2: Yoda IP line over magnetics (RTP, 0.5VD).

RESULTS

Basic quality control and inversions have been undertaken by Simon Mann of Zonge Engineering. Induced polarisation and resistivity models are shown in Figures 3 and 4. There are three IP anomalies of interest, 2 associated with the outcropping auriferous quartz veins and a weaker one at depth, coincident with the magnetic high. The location of the IP anomalies is shown in Figures 5 and 6. It should be noted that there is a positive spatial relationship between resistivity and chargeability, indicating that the chargeability may be related to lithology.

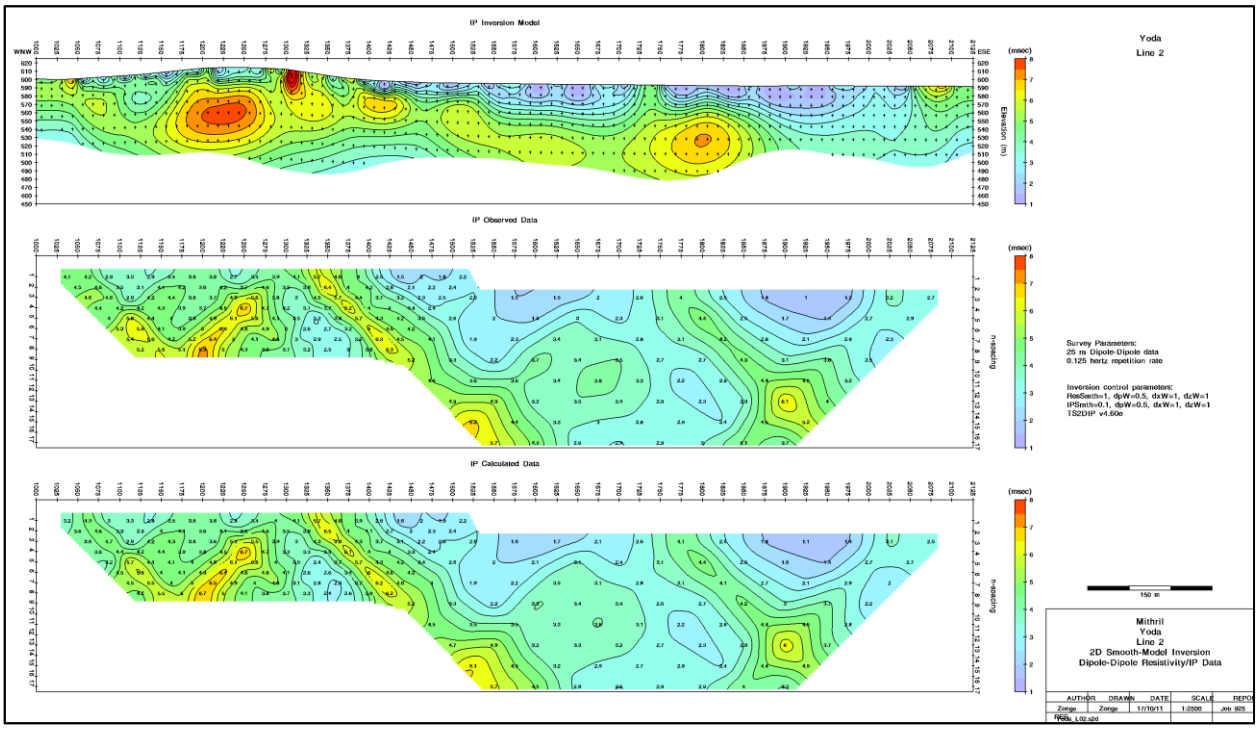

Figure 3: Yo_2 resistivity data and model.

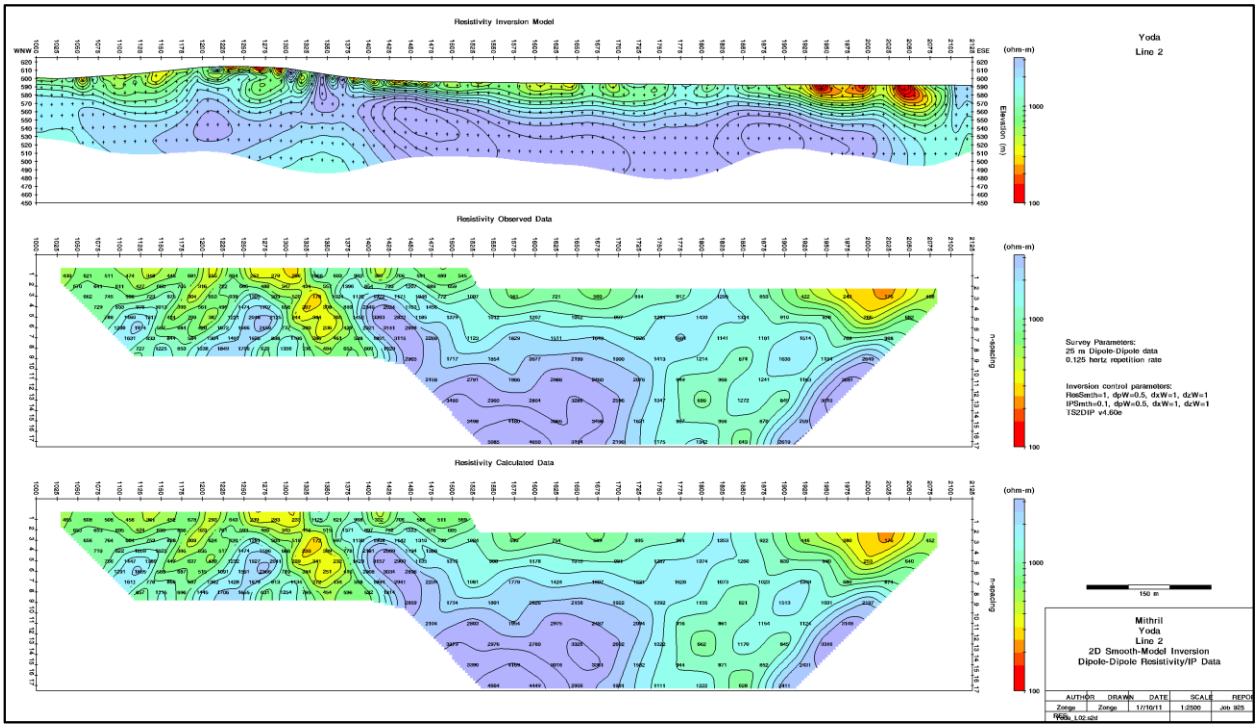

Figure 4: Yo_2 resistivity data and model.

Figure 5: Yoda IP anomalies (pink stars) and planned drill holes (green).

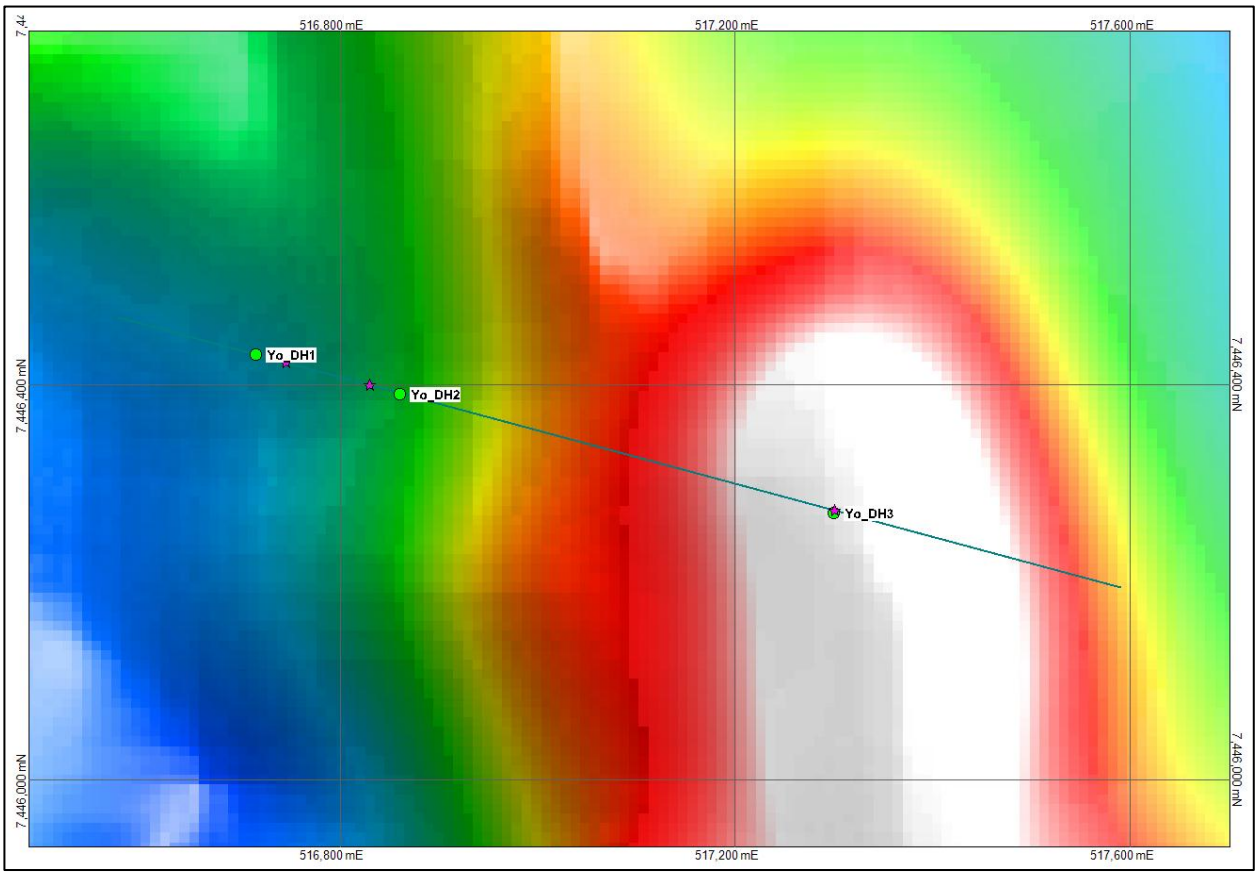

Figure 6: Yoda IP anomalies (pink stars) and planned drill holes (green) on magnetics (RTP 0.5VD).

PROPOSED DRILL HOLES

Three drill holes, outlined in Table 1, are proposed to test the IP anomalies on line Yo_1. They are shown in section view in Figures 5, 6 and 7.

Table 1: Proposed drill holes at Yoda.

HOLE ID	East MGA53	North MGA53	EOH	Dip	Azi	Target Depth	IP Line	Comments
Yo_DH1	516715	7446430	80	60	105	55	Yo_2	
Yo_DH2	516860	7446390	60	60	285	35	Yo_2	Downdip intersection of surface mineralisation and IP anomaly
Yo_DH3	517300	7446270	100	90	0	65	Yo_2	Coincident IP and mag anomaly

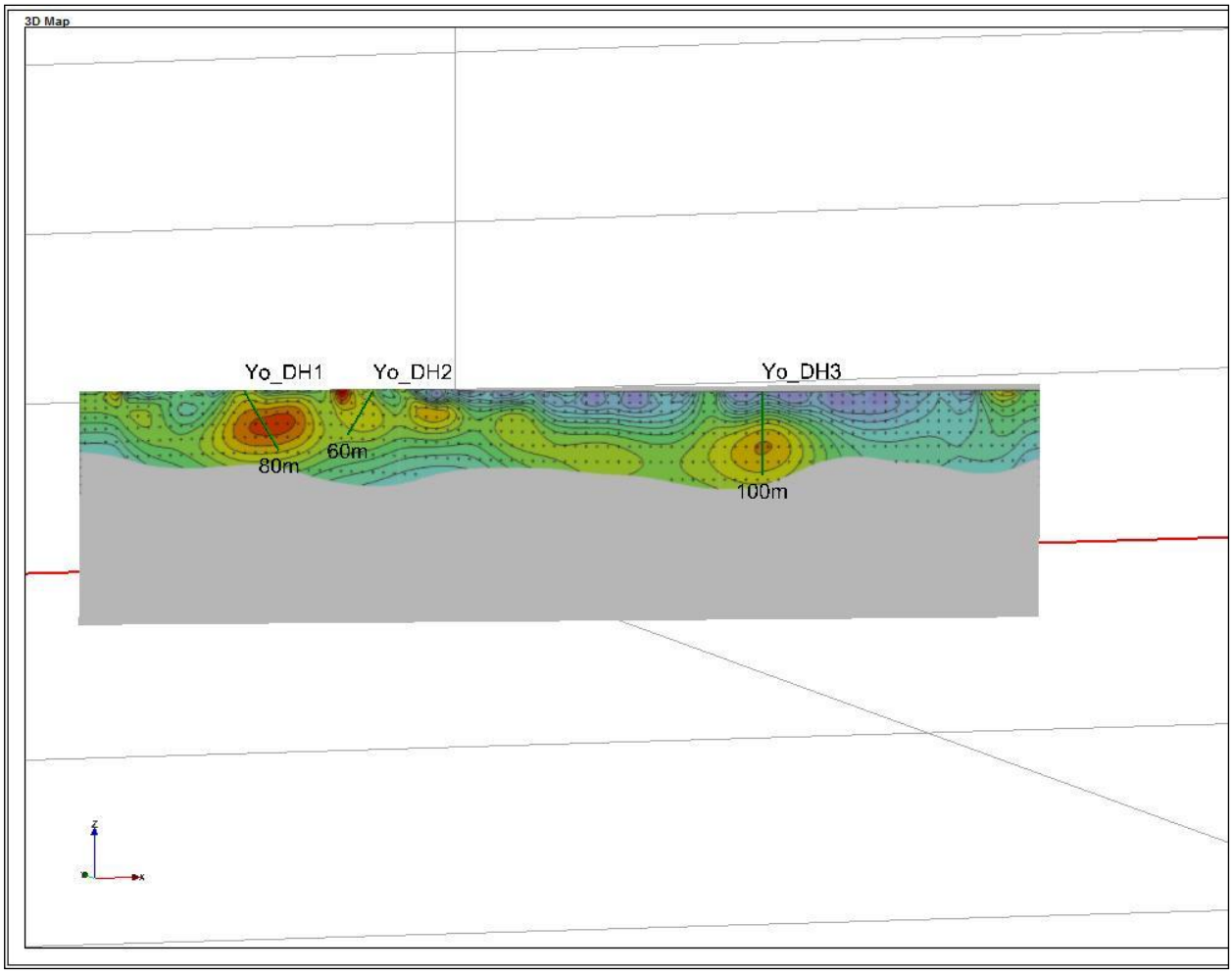

Figure 7: Section view of IP anomalies and planned drill holes at Yoda.