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FILE No.	6397/85			

THE ALBERTON GOLDFIELD

E.L. 23 / 82

OCEANIA TASMANIA PTY. LTD.,

MICROFILMED

THE ALBERTON GOLDFIELDE.L. 23 / 82OCEANIA TASMANIA PTY. LTD.INTRODUCTION

The last annual report detailed the geology, previous reports and assays done on the lodes, and will not be repeated in this report. The years work involved the further prospecting for new lodes and examination of the alluvial ground by geophysical methods. Both electromagnetic and resistivity methods were used in the program. The resistivity for the alluvial, because of the experience at the Scamander prospect where it really did not work for lode and the electromagnetic methods for locating the lodes, further panning and drolling of samples was also continued in relation especially to the long struggle and mercury mines. Rock falls were also cleared from the Ringarooma United, Mercury and Long Struggle Mines, as well as some dewatering of underhand stopes.

ECONOMIC GEOLOGY/GEOPHYSICS

Figure 1 shows the phase changes associated with a transmit receive electromagnetic instrument. It can be seen from the data that the lodes display distinct characteristics making their locating easy. The lodes located were the southern extensions of the ^{Rosland} premier gumsucker, and ^{Kannah} hannatt's lodes. The ^mtransit line followed the bulldozer track which starts from the bottom level of the Ringarooma United Mine and proceeds up the ridge to the old Mines Dept drill site; then on up the hill to the Cannon Mine via a track cut by Oceania Tasmania Pty.Ltd.

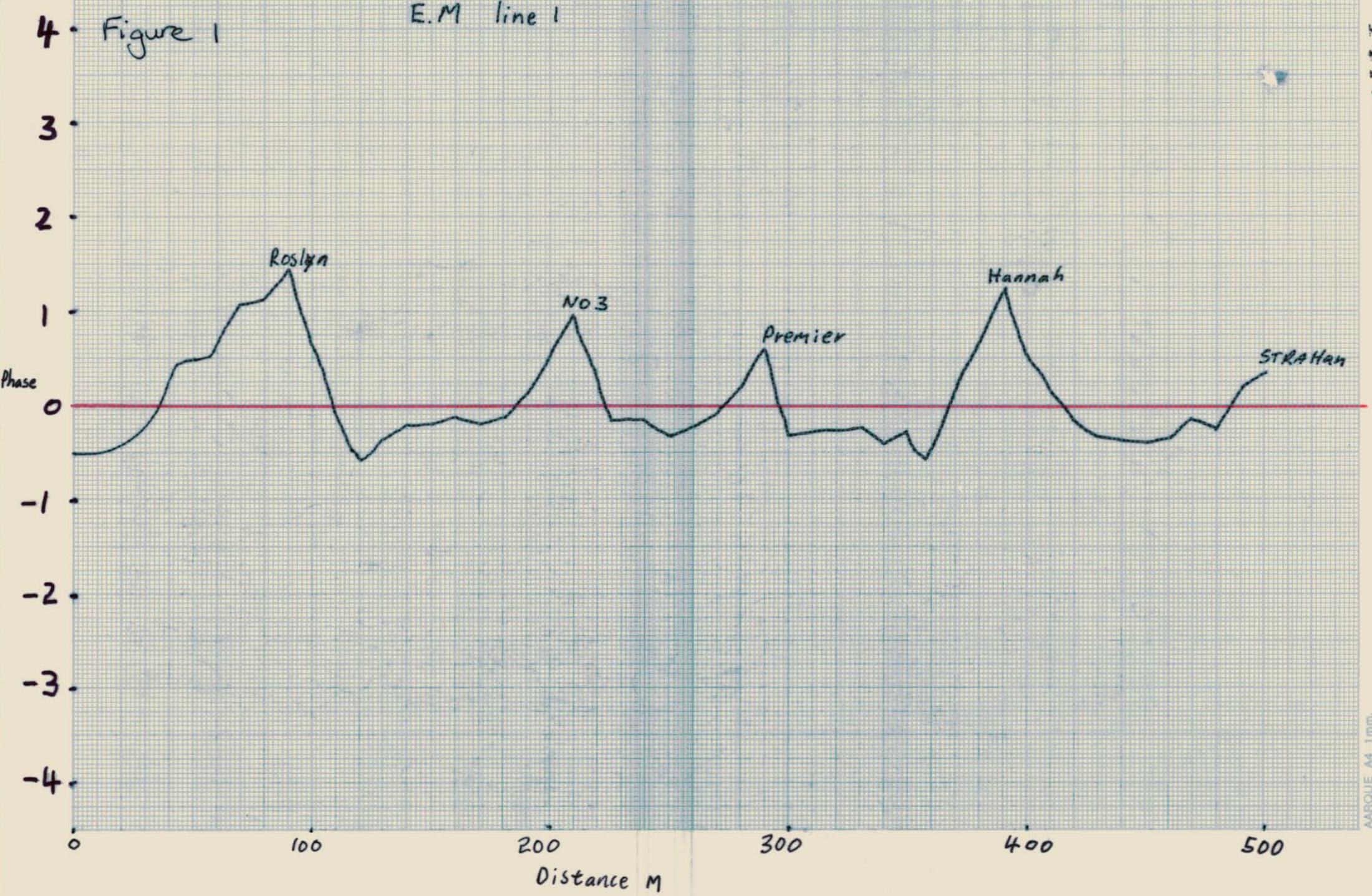
The resistivity gear was used to determine the depth of the sediments in the Alberton River Valley. The results were also studied to see if a distinction could be made between the usually barren Ringarooma shingle and the gold bearing birdseye quartz wash. Figure 2 shows the location of the electric 'drill' holes, and also shows the results from which no real distinction could be drawn between different wash types. However the contact between wash and Mathinna beds is quite obvious and is recorded.

The uncovering of the stope at the Long Struggle Mine was worthy of mention in this report as a specimen of visible gold in the quartz from the stope from the stope was recovered and also the pug associated with the lode, upon denuding produced a quite good color of gold.

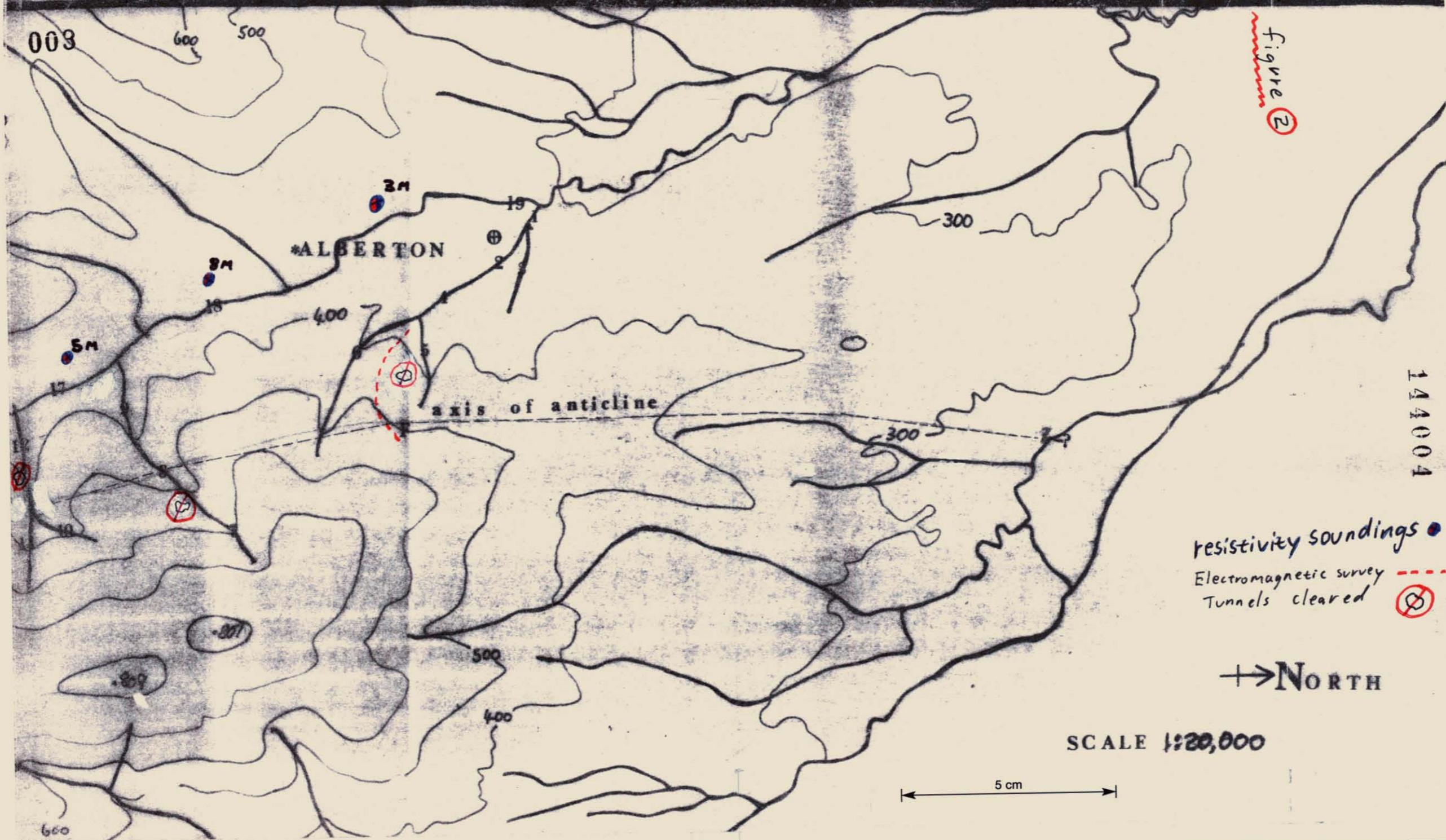
002 Figure 1

E.M line 1

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AAPOUE A4 1mm.



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MINSTOCK MINING GROUP

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E.L. 23/82

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ASSOCIATED COMPANIES

SWANSEA MINING CO. PTY. LTD.
OCEANIA TASMANIA PTY. LTD.
TRIAL HARBOUR MINING CO. PTY. LTD.
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OCEANIA TASMANIA PTY. LTD.

9th July, 1986..

Director of Mines,
P.O. Box 56,
ROSEY PARK Tas. 7018

14 JUL 1986

E. No. 6418/86

Dear Sir,

Further to your letter of the 25th June, 1986, I am supplying the additional information you require regarding exploration licences 23/82 and 24/82.

Re: EL 24/82. Resistivity results.

The measuring instrument was a Tellohm soil resistance meter with a plus/minus 1% accuracy. It has 150 volt alternating current being applied through current electrodes C & C2 (See diagram 1) and that potential difference being measured by inner electrodes P, & P2.

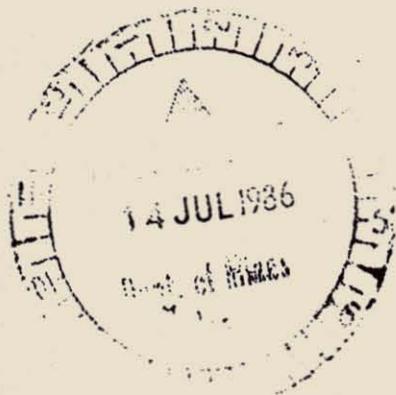
The electrode configuration used in the field was a Wenner array keeping a constant centre and increasing electrode spacing "a" (Diagram 1) up to a maximum of a = 40 metres. Line centre intervals were also 40 metres (Diagram 2).

The interpretation technique was through a computer programme, matching type curves to the data to define the different layers intersected. The results in ΩM were then interpreted relating to commonly acknowledged resistivity values for different materials plus regard to features known from field inspection.

Re: EL 23/82. *(Alberston)*

Line number 1 is marked on accompanying photostat (Diagram 3) in red pen, and as stated in the report "The transit line followed the bulldozer track which starts from the bottom level of the Ringarooma United Mine and proceeds up the ridge to the old Mines Dept. drill site; then on up the hill to the Cannon Mine via a track cut by Oceania Tasmania Pty.Ltd.

Yours faithfully,



*Dave
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ORIGINAL FILED 14/7/86