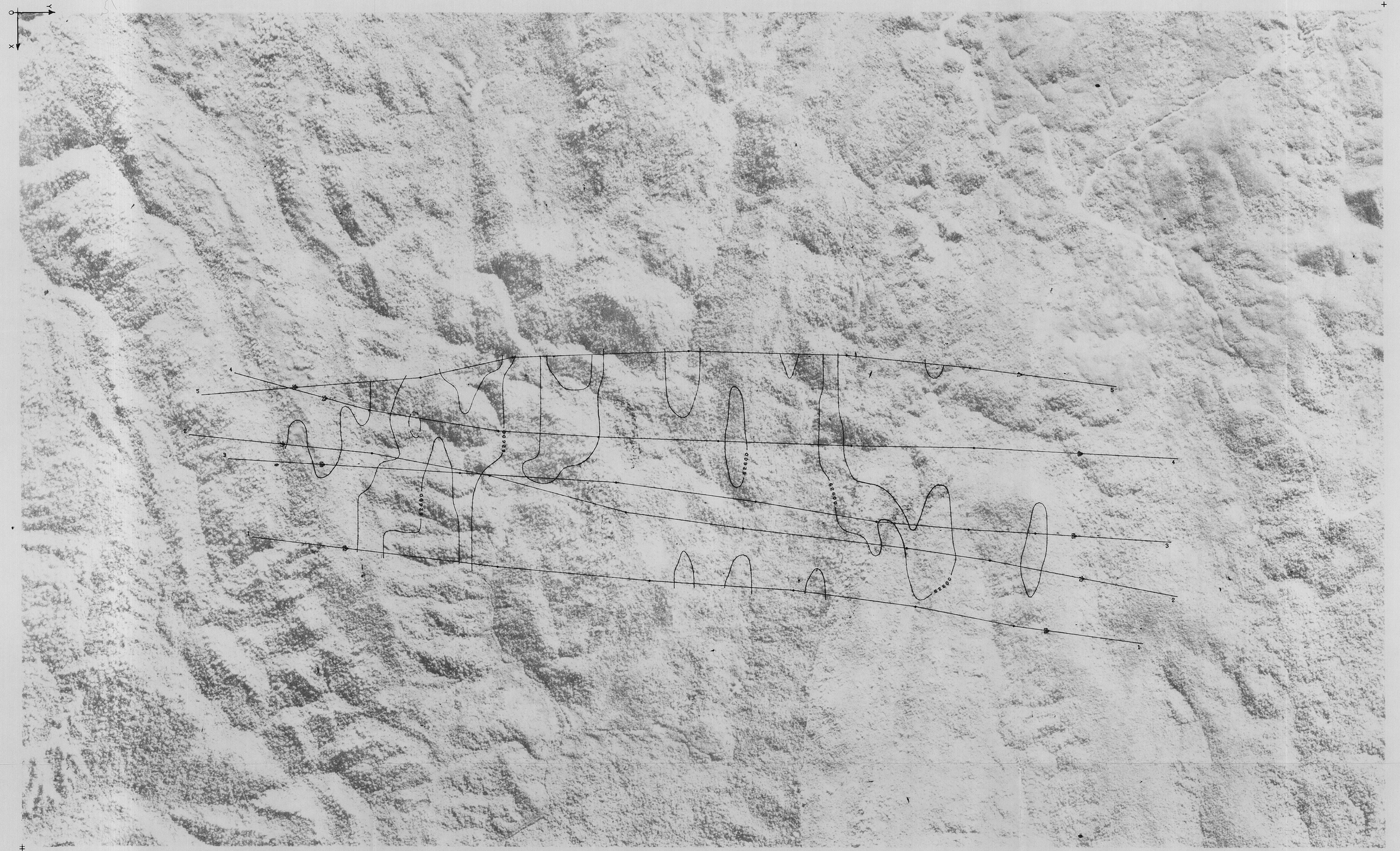
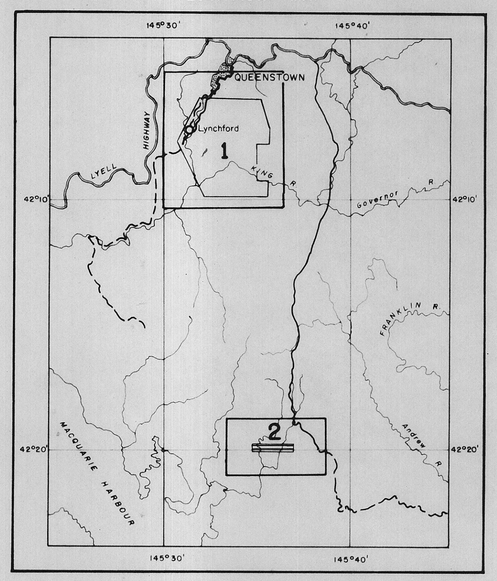


LOCATION MAP



Scale 1:250,000

DIGHEM^{II} SURVEY

QUEENSTOWN AREA, TASMANIA

ENHANCED MAGNETICS

524159

FOR

MOUNT LYELL MINING & RAILWAY CO. LTD.

REGISTERED PROFESSIONAL ENGINEER
D.C. FRASER
PROVINCE OF ONTARIO

SCALE 1:10,000

1/2 0 1/2 1 Kilometres

1/4 0 1/4 1/2 Miles

5 cm

83-2029 vol 2/2

SHEET 2

Flight line

2021

Fiducials and numbers

9821

ISOMAGNETIC LINES

(enhanced field)

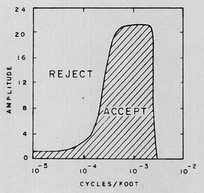
5000 ..... 5000 gammas

1000 ..... 1000 gammas

200 ..... 200 gammas

100 ..... 100 gammas

..... magnetic depression



Frequency response of magnetic operator

JOB	DATE	DRAWN BY	CHECKED BY
353	APRIL, 1982		W.S.F.

DIGHEM^{II} SURVEY

QUEENSTOWN AREA, TASMANIA

524160

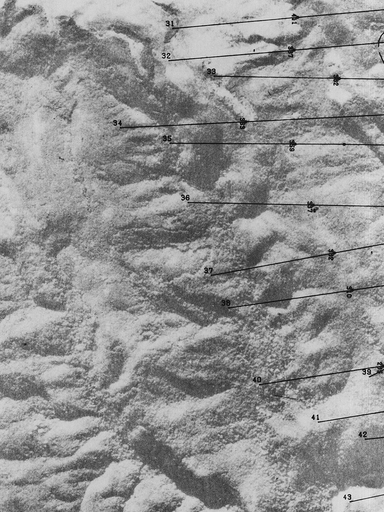
MAGNETICS

FOR

MOUNT LYELL MINING & RAILWAY CO. LTD.

83-2029
vol. 2/2

LOCATION MAP



Scale 1:250,000

REGISTERED PROFESSIONAL ENGINEER
D. C. FRASER
PROVINCE OF ONTARIO

SCALE 1:10,000

1/2 0 1/2 1 Kilometres

1/4 0 1/4 1/2 Miles

5 cm

SHEET 1

Flight line

Fiducials and numbers

ISOMAGNETIC LINES

(total field)

1000 ..... 1000 gammas

200 ..... 200 gammas

50 ..... 50 gammas

..... 25 gammas

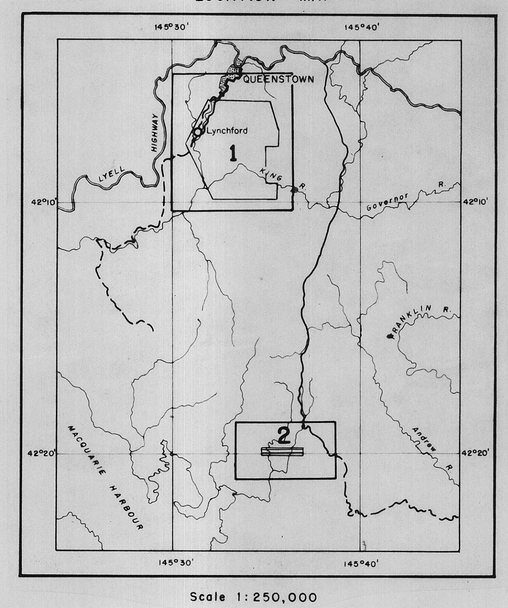
..... magnetic depression

Magnetic Inclination within the survey area: 72°

JOB	DATE	DRAWN BY	CHECKED BY
353	APRIL, 1982		



LOCATION MAP



Scale 1:250,000

DIGHEM^{II} SURVEY

524161

QUEENSTOWN AREA, TASMANIA

MAGNETICS

FOR

MOUNT LYELL MINING & RAILWAY CO. LTD.

83-2029 Vol 2/2

REGISTERED PROFESSIONAL ENGINEER
D. C. FRASER
PROVINCE OF ONTARIO

SCALE 1:10,000

1/2 0 1/2 1 Kilometres

1/4 0 1/4 1/2 Miles

5 cm

SHEET 2

Flight line

1256

Fiducials and numbers

1256

ISOMAGNETIC LINES

(total field)

1000 ..... 1000 gammas

200 ..... 200 gammas

50 ..... 50 gammas

..... 25 gammas

..... magnetic depression

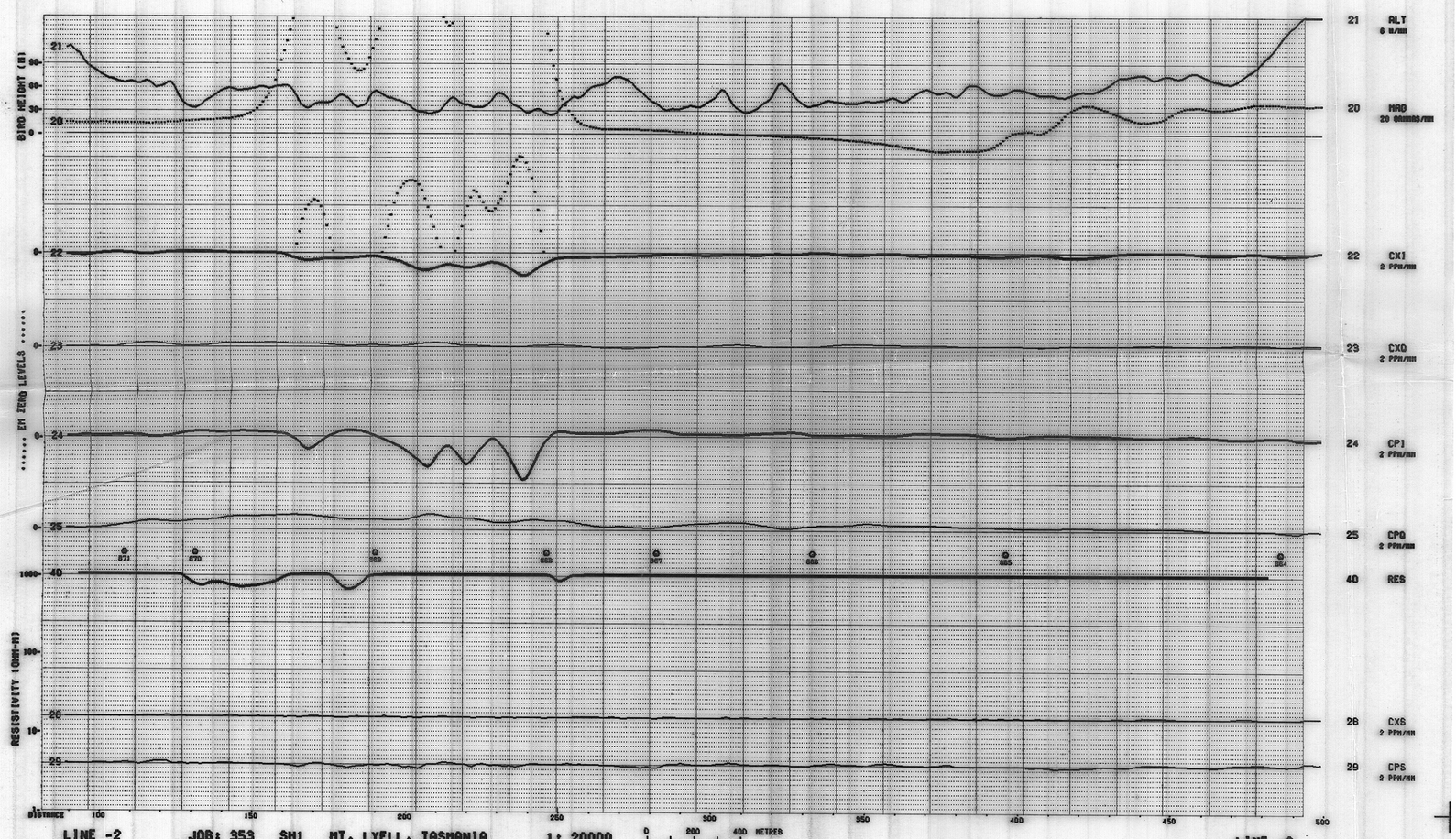
Magnetic Inclination within the survey area: 72°

JOB	DATE	DRAWN BY	CHECKED BY
353	APRIL, 1982		



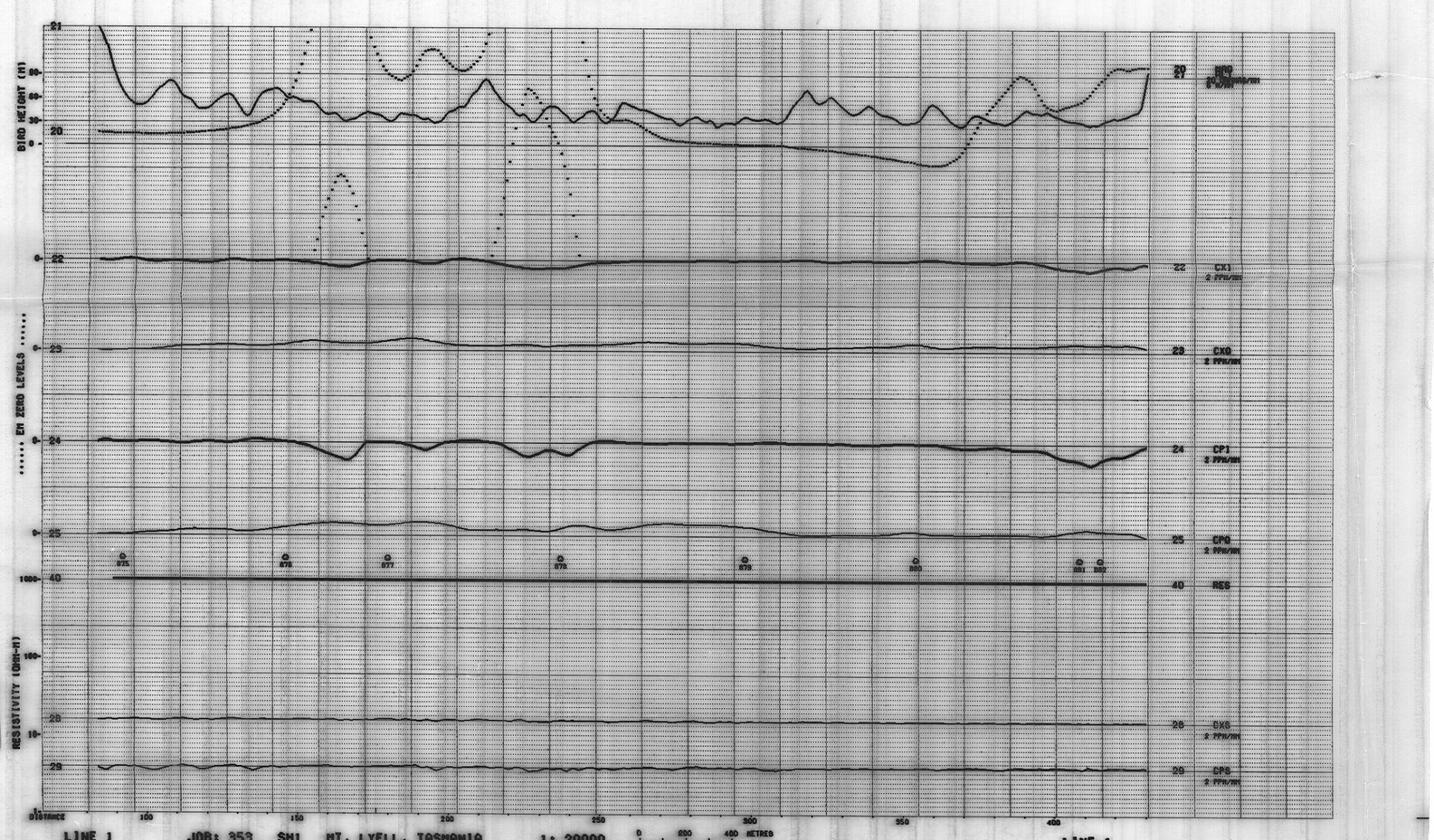
LINE 3 JOB: 353 SH1 MT. LYELL. TASMANIA 1: 20000 LINE 3

PRELIMINARY



LINE -2 JOB: 353 SH1 MT. LYELL. TASMANIA 1: 20000 LINE -2

PRELIMINARY



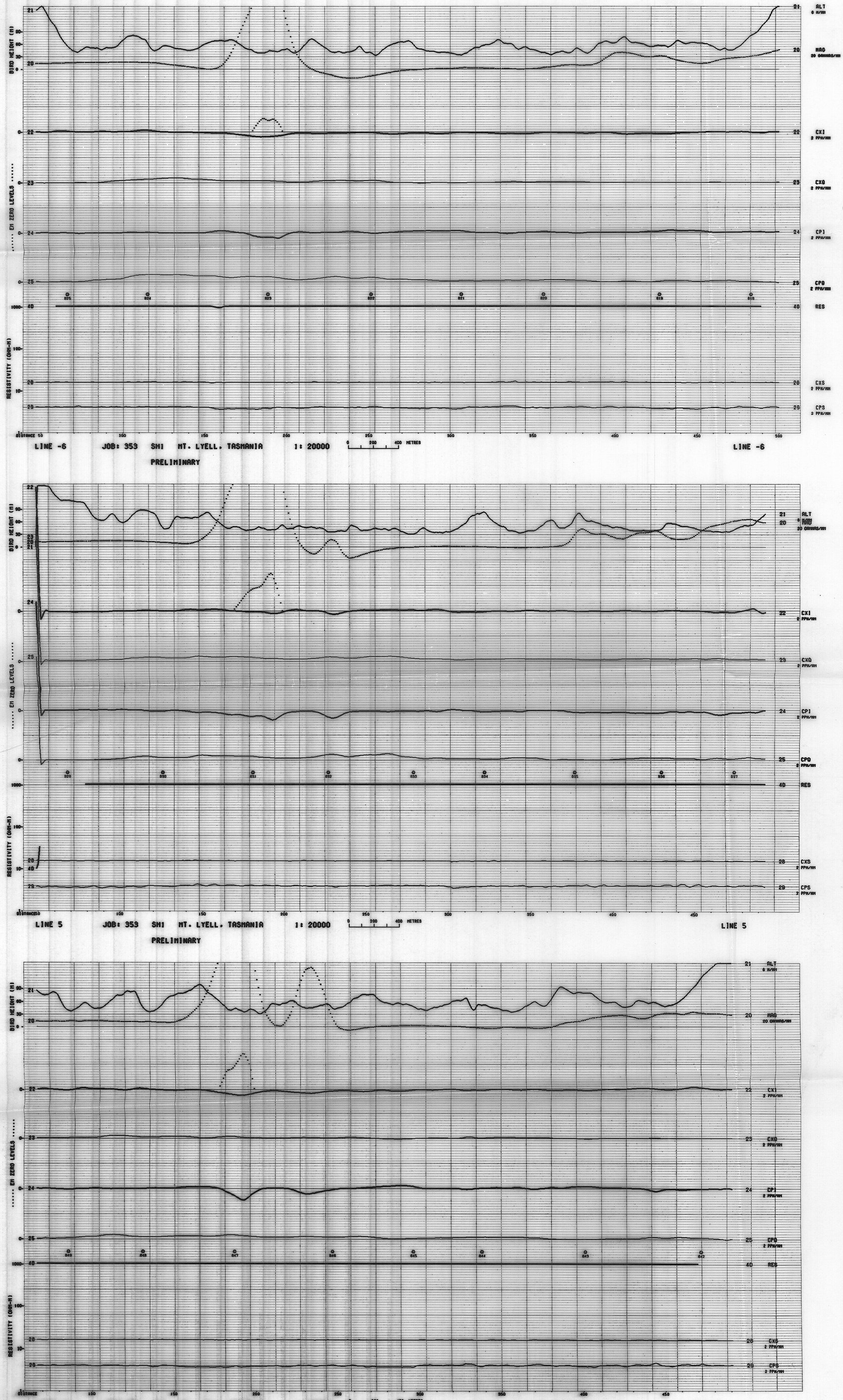
LINE 1 JOB: 353 SH1 MT. LYELL. TASMANIA 1: 20000 LINE 1

PRELIMINARY

83-2029
vol 2/2

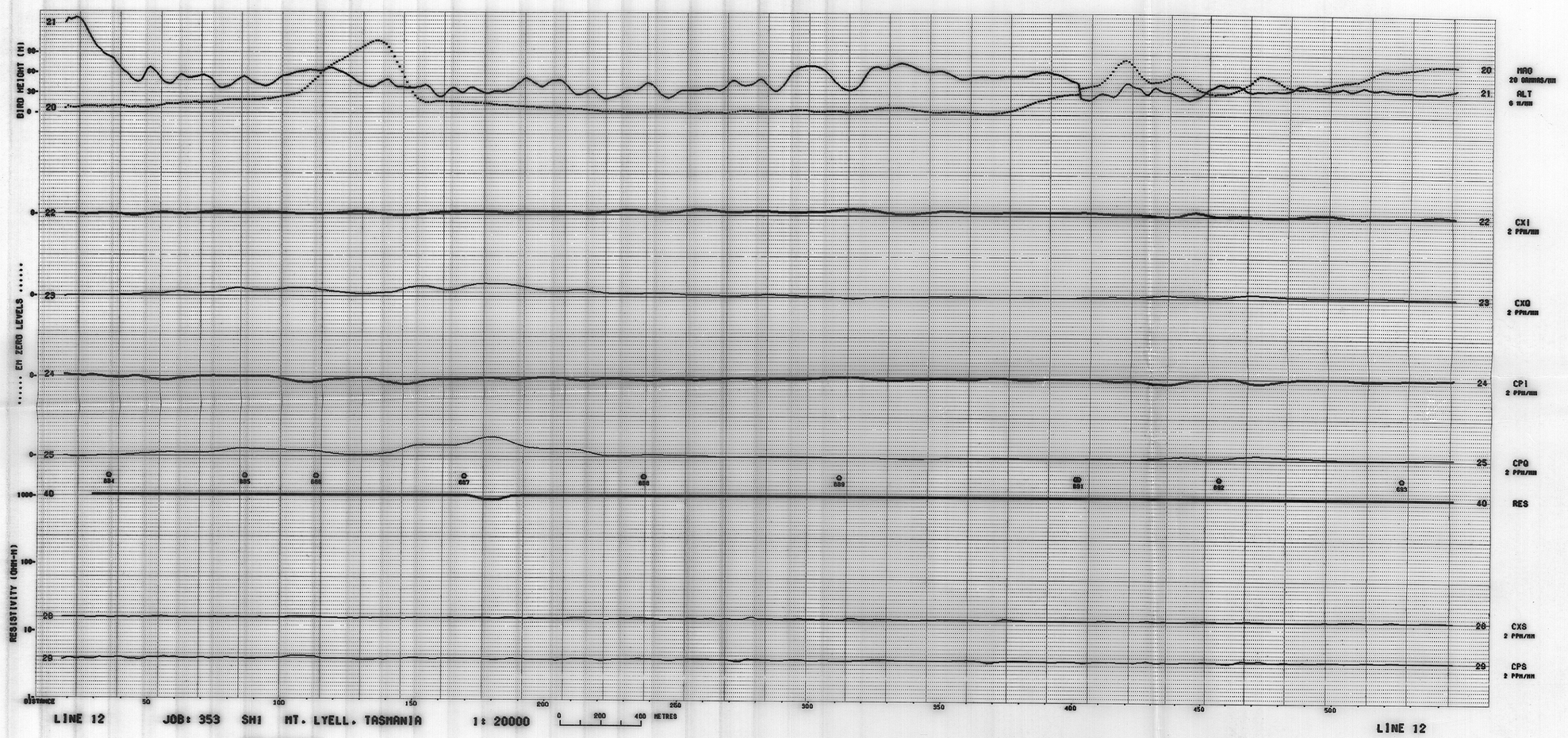
1

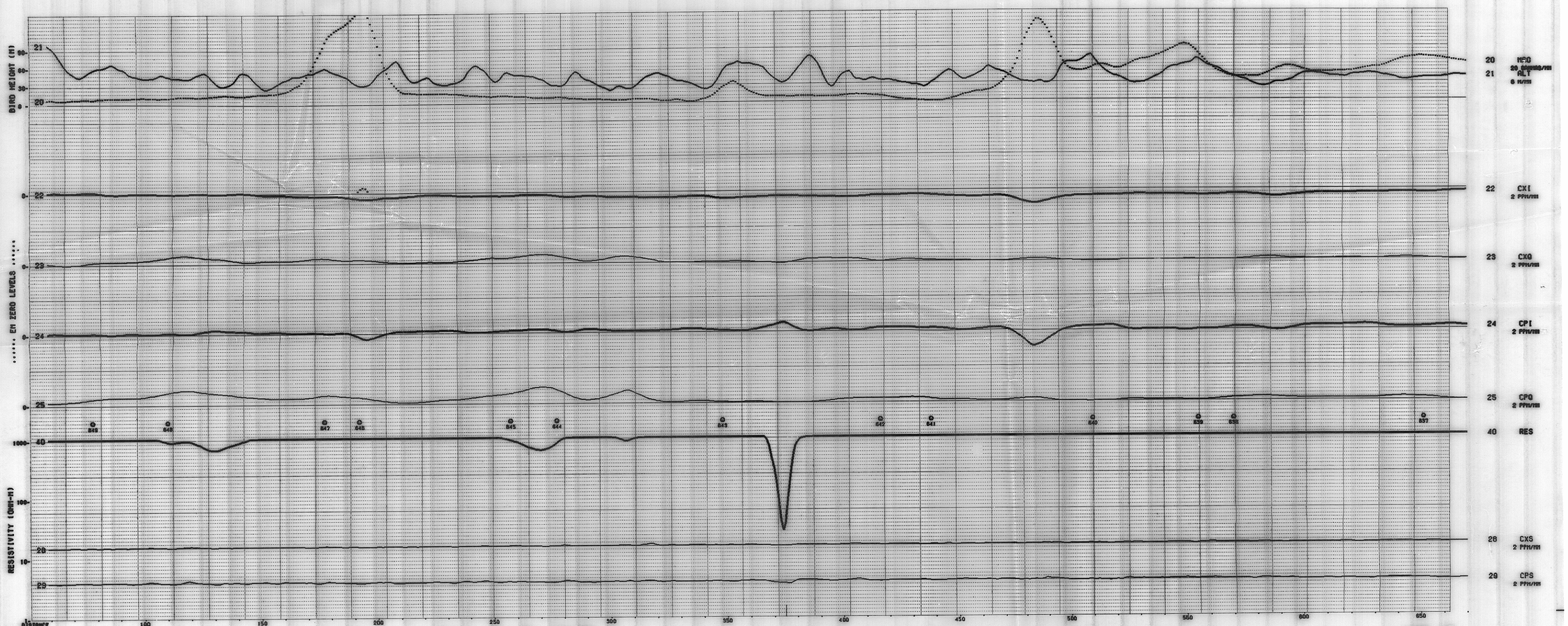
5 cm


BIRD HEIGHT (m)
..... EM ZERO LEVELS .....
RESISTIVITY (OHM-M)
ALT
6 M/MM
MAG
20 GAMMAS/MM
CXI
2 PPM/MM
CXQ
2 PPM/MM
CPI
2 PPM/MM
CPQ
2 PPM/MM
RES
CXS
2 PPM/MM
CPS
2 PPM/MM
DISTANCE
LINE -6
JOB: 353 SHI MT. LYELL, TASMANIA
1: 20000
0 200 400 METRES
LINE -6
PRELIMINARY
LINE 5
JOB: 353 SHI MT. LYELL, TASMANIA
1: 20000
LINE 5
PRELIMINARY
LINE -4
JOB: 353 SHI MT. LYELL, TASMANIA
1: 20000
LINE -4
PRELIMINARY
5 cm

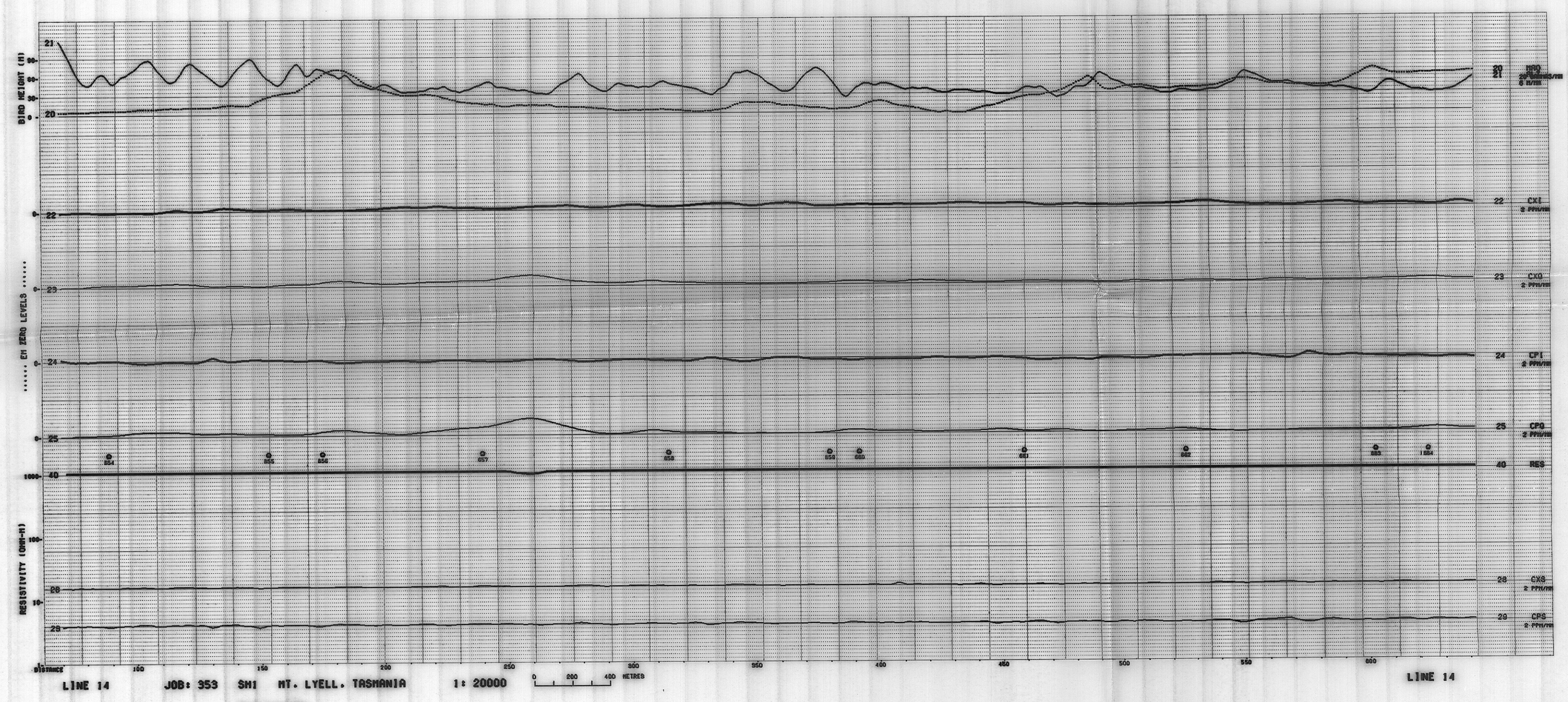

BIRD HEIGHT (M)
..... EM ZERO LEVELS .....
RESISTIVITY (OHM-M)
ALT
HAG
CXI
CXQ
CPI
CPQ
RES
CXS
CPS
DISTANCE
LINE -9 JOB: 353 SH1 MT. LYELL. TASMANIA 1: 20000 METRES
LINE -9
PRELIMINARY
LINE 8 JOB: 353 SH1 MT. LYELL. TASMANIA 1: 20000 METRES
LINE 8
PRELIMINARY
LINE 7 JOB: 353 SH1 MT. LYELL. TASMANIA 1: 20000 METRES
LINE 7
PRELIMINARY
5 cm

3

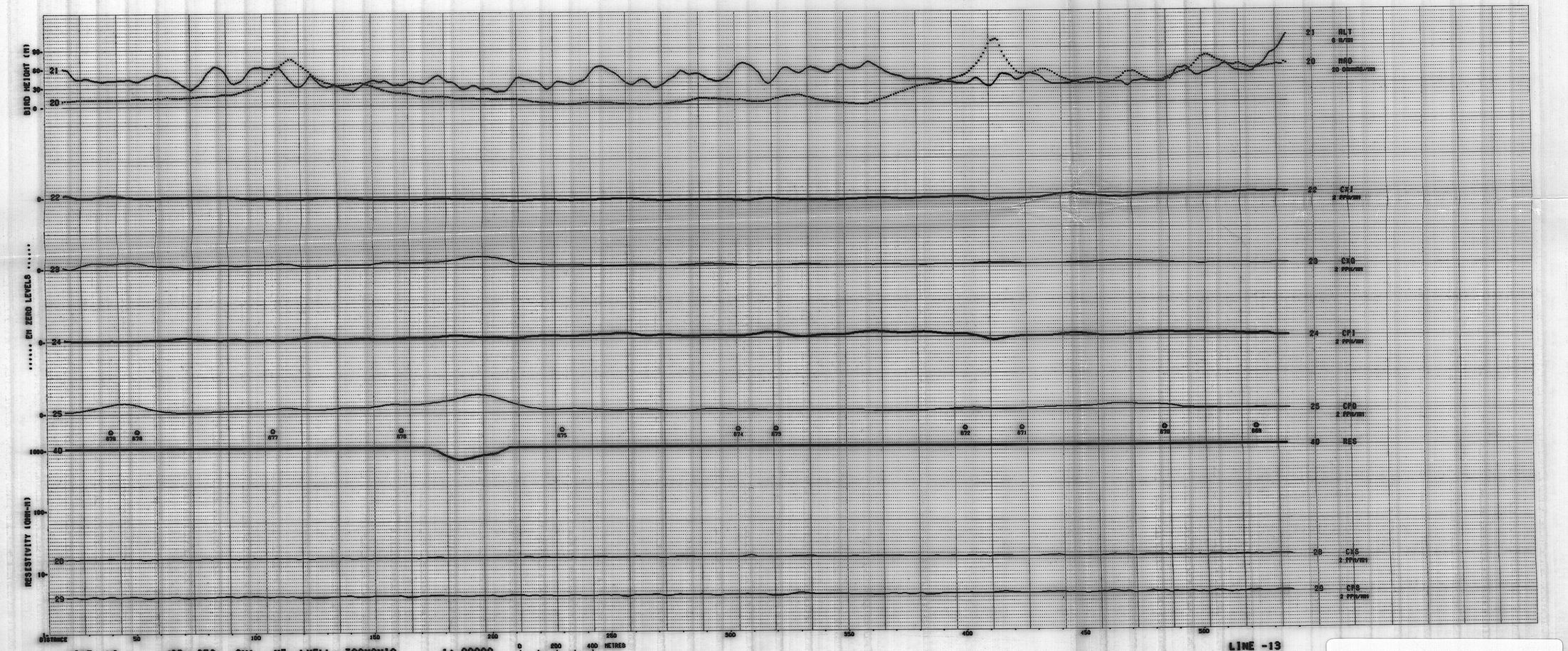

BIRD HEIGHT (M)
..... EM ZERO LEVELS .....
RESISTIVITY (OHM-M)
DISTANCE
MAG
20 GAMMAS/MM
ALT
0 M/MM
CXI
2 PPM/MM
CXQ
2 PPM/MM
CPI
2 PPM/MM
CPQ
2 PPM/MM
RES
CXS
2 PPM/MM
CPS
2 PPM/MM
LINE 12 JOB: 353 SHI MT. LYELL. TASMANIA 1: 20000
0 200 400 METRES
PRELIMINARY
LINE 12
LINE -11 JOB: 353 SHI MT. LYELL. TASMANIA 1: 20000
PRELIMINARY
LINE -11
LINE 10 JOB: 353 SHI MT. LYELL. TASMANIA 1: 20000
PRELIMINARY
LINE 10
5 cm



PRELIMINARY

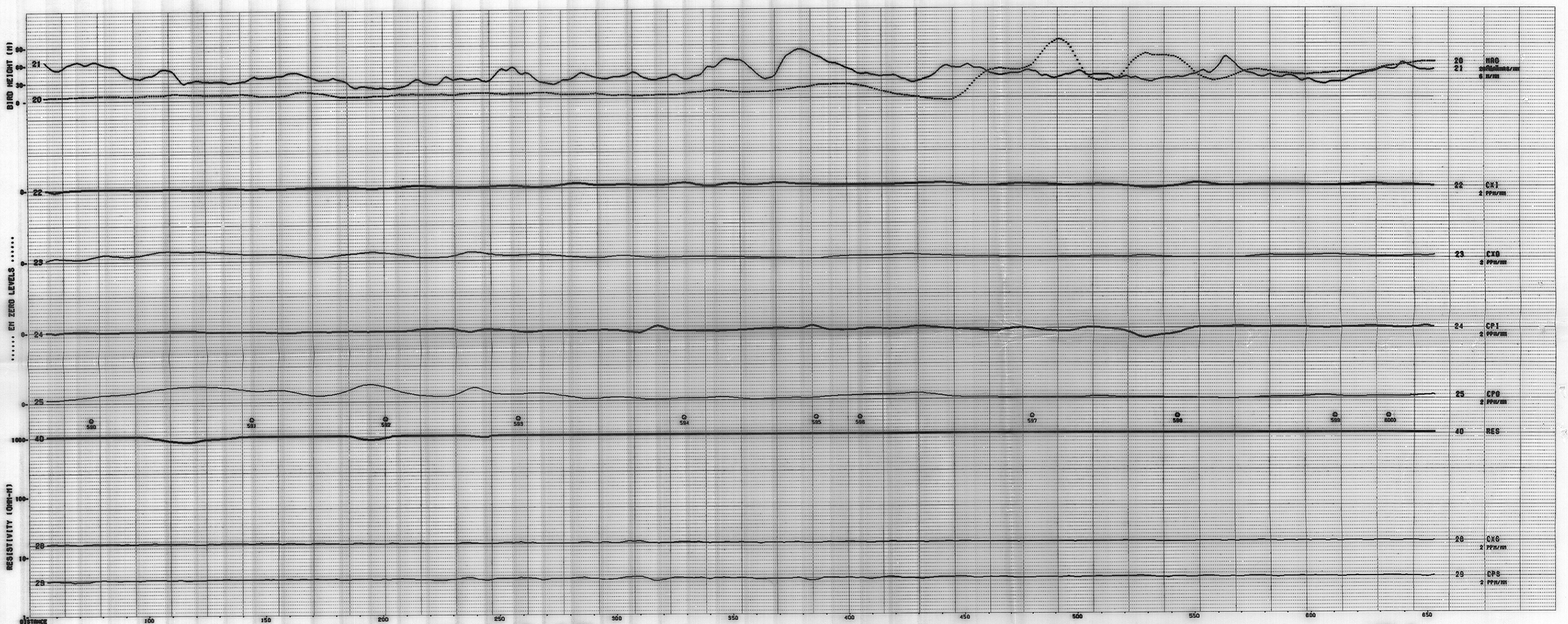


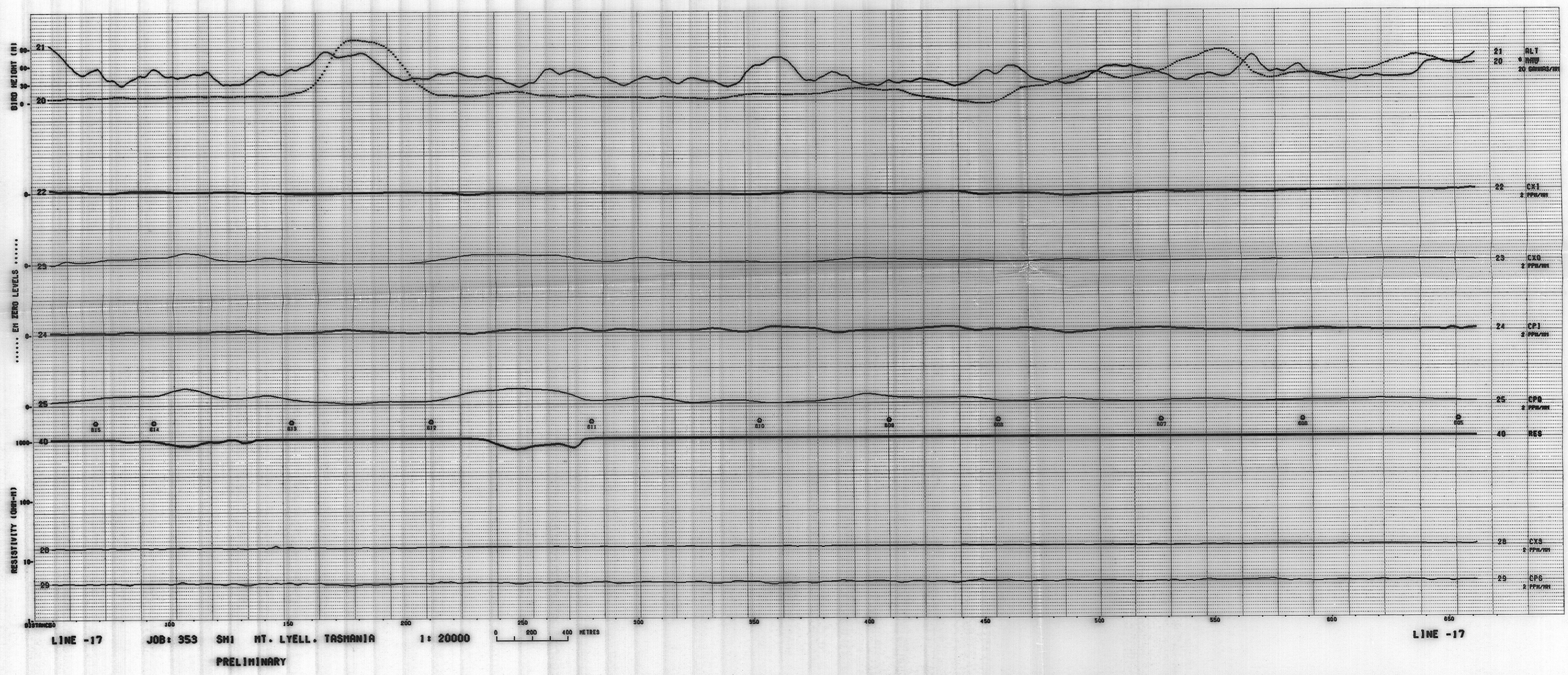
PRELIMINARY



PRELIMINARY

(5)


BIRD HEIGHT (M)
..... EM ZERO LEVELS .....
RESISTIVITY (OHM-M)
DISTANCE
LINE 18
JOB: 353 SH1 MT. LYELL. TASMANIA
1: 20000
0 200 400 METRES
PRELIMINARY
21 ALT 6 M/MM
20 HAG 20 OHMMS/MM
22 CX1 2 PPM/MM
23 CXQ 2 PPM/MM
24 CP1 2 PPM/MM
25 CPQ 2 PPM/MM
40 RES
28 CXS 2 PPM/MM
29 CPS 2 PPM/MM
LINE 18

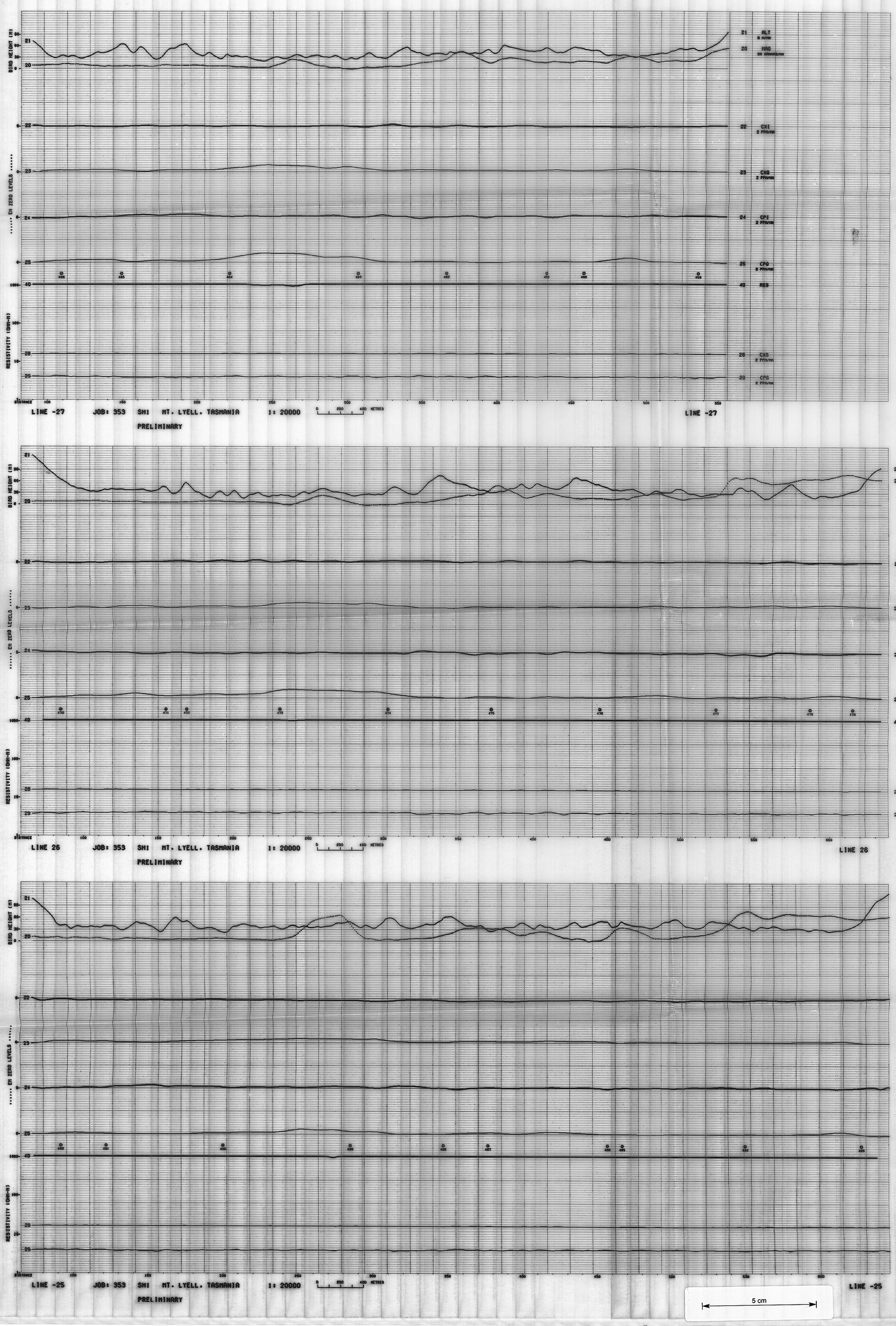

BIRD HEIGHT (M)
..... EM ZERO LEVELS .....
RESISTIVITY (OHM-M)
DISTANCE
LINE -17
JOB: 353 SH1 MT. LYELL. TASMANIA
1: 20000
0 200 400 METRES
PRELIMINARY
21 ALT 6 M/MM
20 HAG 20 OHMMS/MM
22 CX1 2 PPM/MM
23 CXQ 2 PPM/MM
24 CP1 2 PPM/MM
25 CPQ 2 PPM/MM
40 RES
28 CXS 2 PPM/MM
29 CPS 2 PPM/MM
LINE -17


BIRD HEIGHT (M)
..... EM ZERO LEVELS .....
RESISTIVITY (OHM-M)
DISTANCE
LINE 16
JOB: 353 SH1 MT. LYELL. TASMANIA
1: 20000
0 200 400 METRES
PRELIMINARY
21 ALT 6 M/MM
20 HAG 20 OHMMS/MM
22 CX1 2 PPM/MM
23 CXQ 2 PPM/MM
24 CP1 2 PPM/MM
25 CPQ 2 PPM/MM
40 RES
28 CXS 2 PPM/MM
29 CPS 2 PPM/MM
LINE 16
5 cm

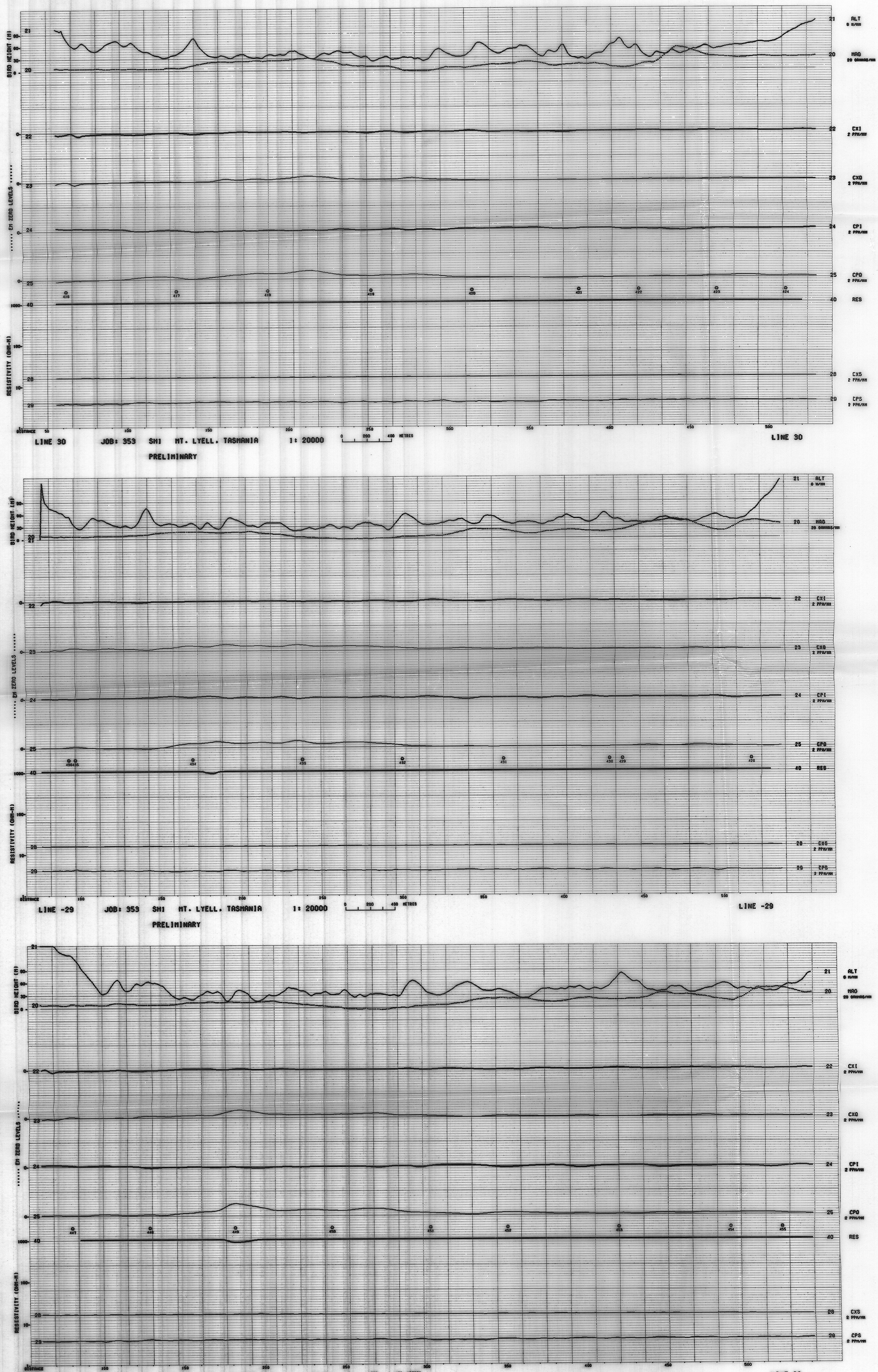
(6.)

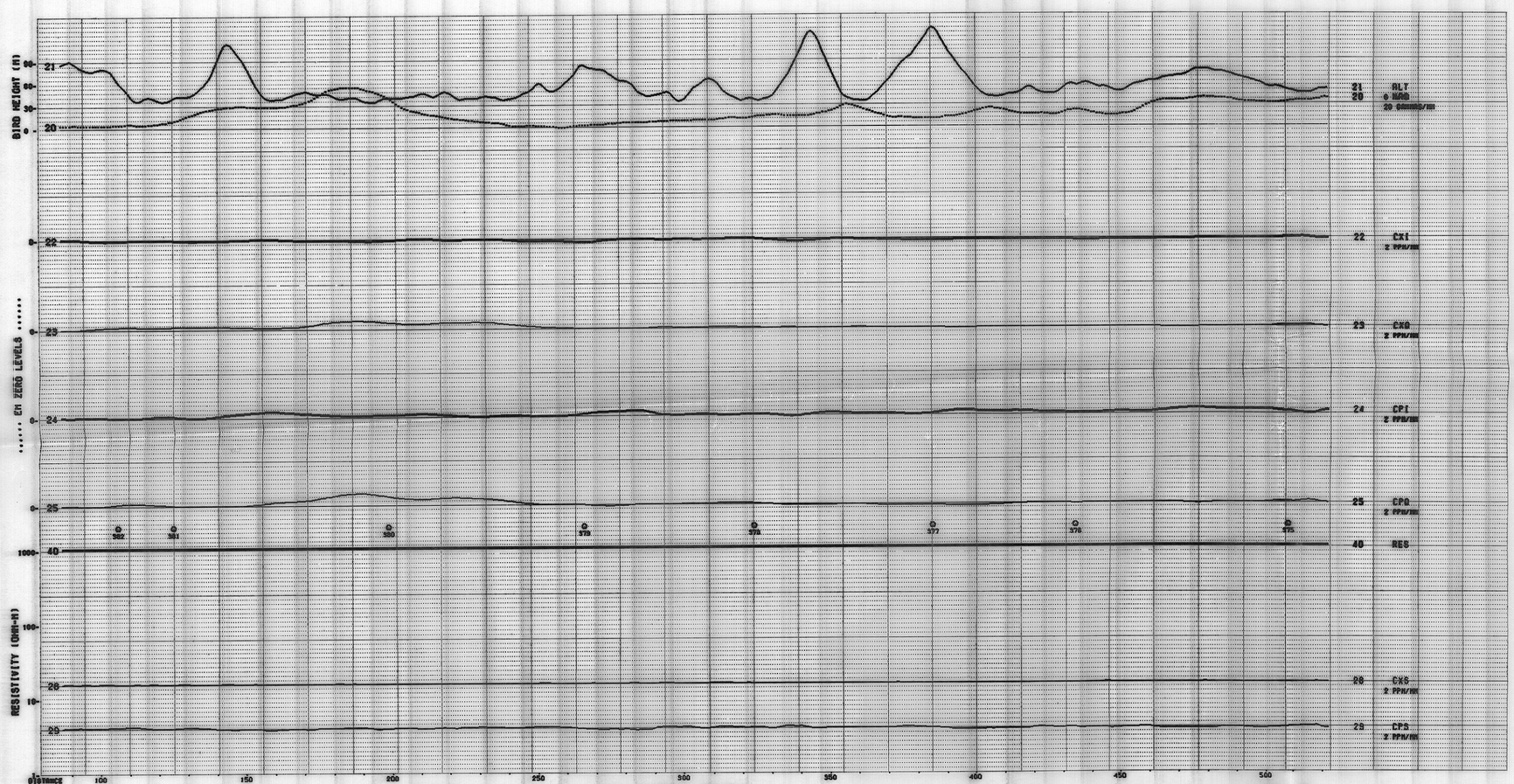

BIRD HEIGHT (M)
..... EM ZERO LEVELS .....
RESISTIVITY (OHM-M)
21 ALT 6 M/MM
20 MAG 20 GAMMAS/MM
22 CXI 2 PPM/MM
23 CXQ 2 PPM/MM
24 CPI 2 PPM/MM
25 CPQ 2 PPM/MM
40 RES
28 CXS 2 PPM/MM
29 CPS 2 PPM/MM
DISTANCE
LINE -21 JOB: 353 SH1 MT. LYELL. TASMANIA 1: 20000 0 200 400 METRES
PRELIMINARY
LINE -21
LINE 20 JOB: 353 SH1 MT. LYELL. TASMANIA 1: 20000 0 200 400 METRES
PRELIMINARY
LINE 20
LINE -19 JOB: 353 SH1 MT. LYELL. TASMANIA 1: 20000 0 200 400 METRES
PRELIMINARY
LINE -19
5 cm

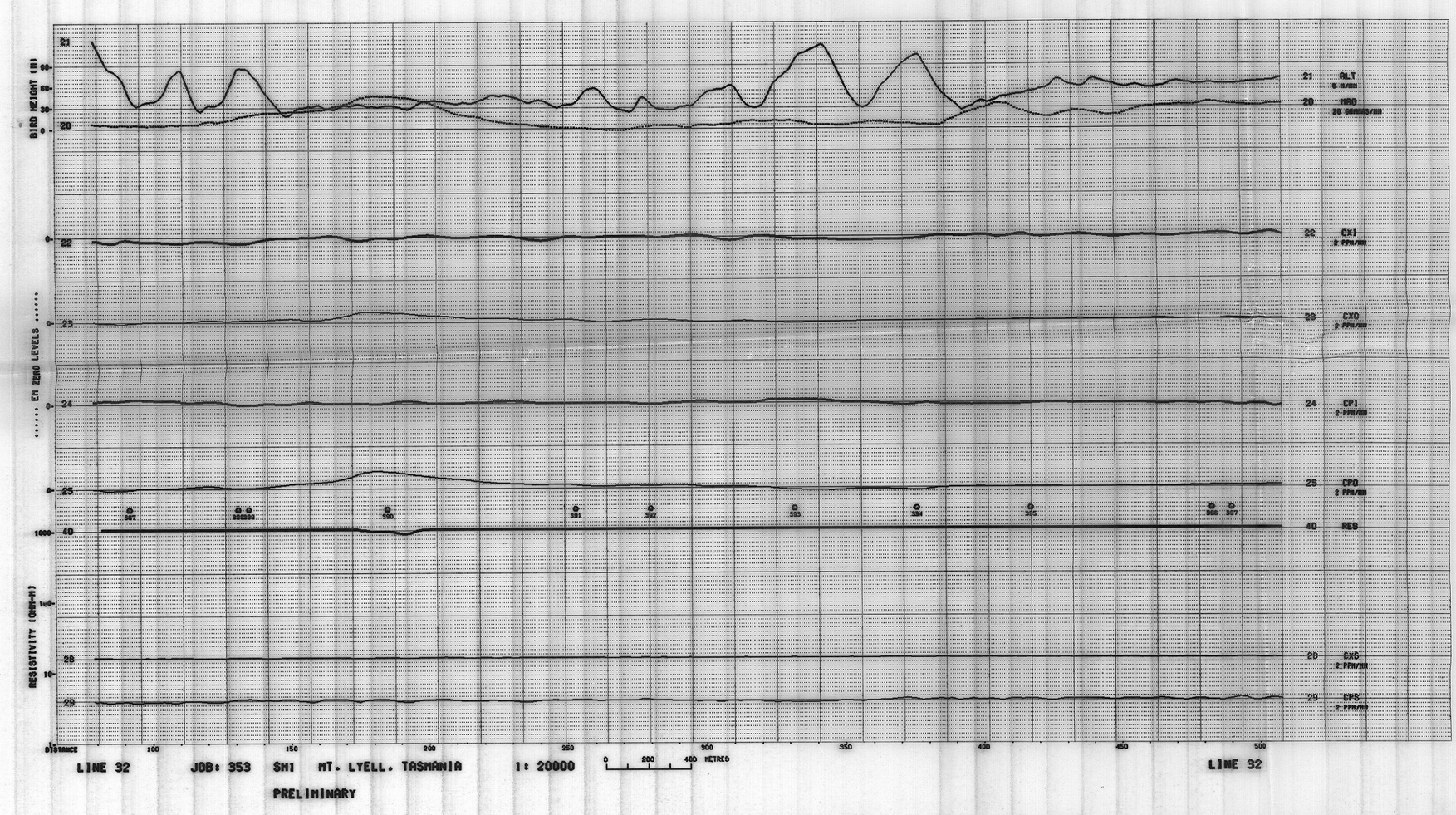
BIRD HEIGHT (m)
..... EM ZERO LEVELS .....
RESISTIVITY (OHM-m)
21 ALT 6 m/mm
20 MAG 20 GAMMAS/mm
22 CXI 2 PPM/mm
23 CXQ 2 PPM/mm
24 CPI 2 PPM/mm
25 CPQ 2 PPM/mm
40 RES
28 CXS 2 PPM/mm
29 CPS 2 PPM/mm
DISTANCE
LINE 24 JOB: 353 SH1 MT. LYELL. TASMANIA 1: 20000 METRES
PRELIMINARY
LINE -23 JOB: 353 SH1 MT. LYELL. TASMANIA 1: 20000 METRES
PRELIMINARY
LINE 22 JOB: 353 SH1 MT. LYELL. TASMANIA 1: 20000 METRES
PRELIMINARY
8
5 cm

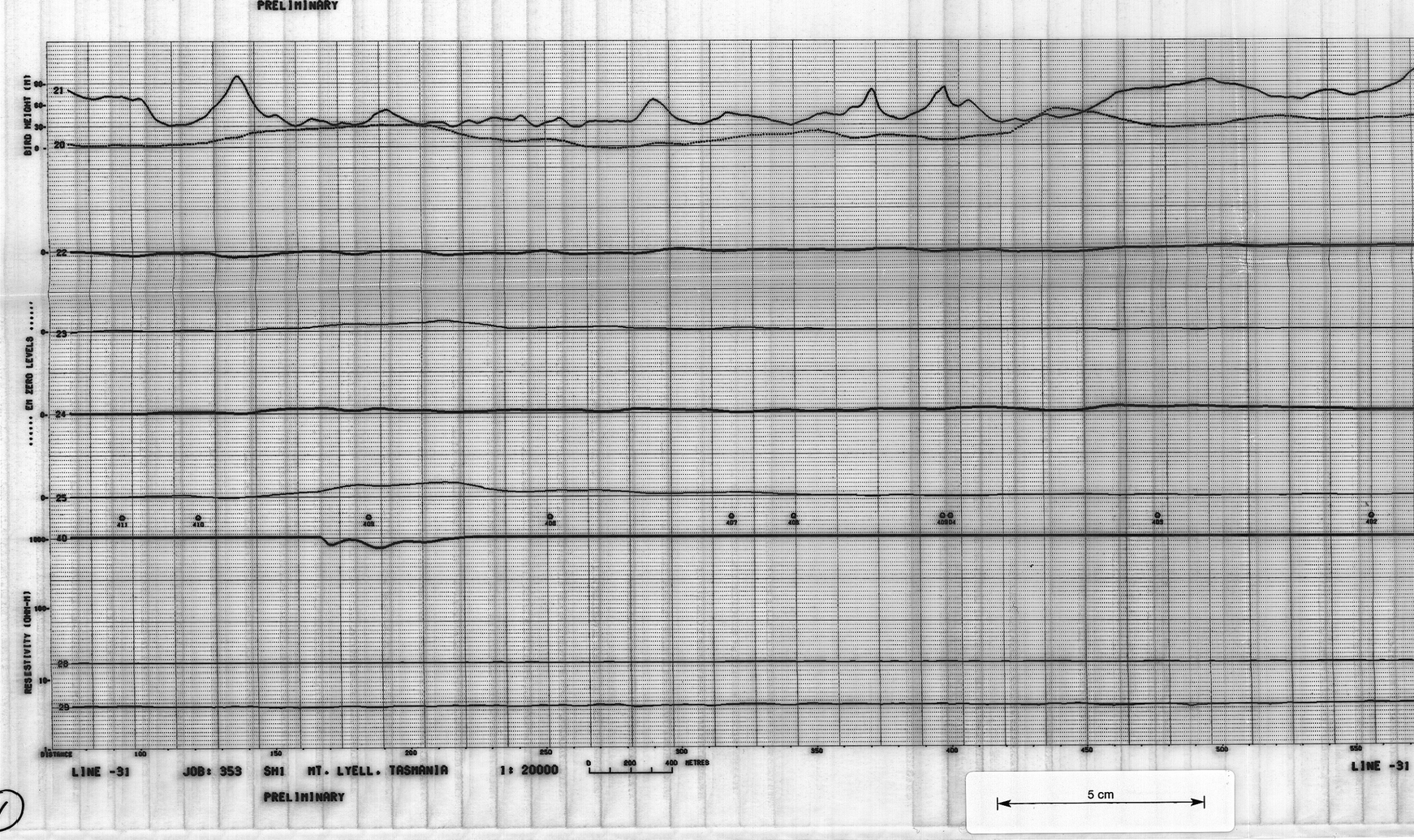

BIRD HEIGHT (M)
..... EM ZERO LEVELS .....
RESISTIVITY (OHM-M)
DISTANCE
21 ALT 6 M/MM
20 MAG 20 GAMMAS/MM
22 CXI 2 PPM/MM
23 CXQ 2 PPM/MM
24 CPI 2 PPM/MM
25 CPQ 2 PPM/MM
40 RES
28 CXS 2 PPM/MM
29 CPS 2 PPM/MM
LINE -27 JOB: 353 SH1 MT. LYELL. TASMANIA 1: 20000 0 200 400 METRES LINE -27
PRELIMINARY
LINE 26 JOB: 353 SH1 MT. LYELL. TASMANIA 1: 20000 0 200 400 METRES LINE 26
PRELIMINARY
LINE -25 JOB: 353 SH1 MT. LYELL. TASMANIA 1: 20000 0 200 400 METRES LINE -25
PRELIMINARY
5 cm

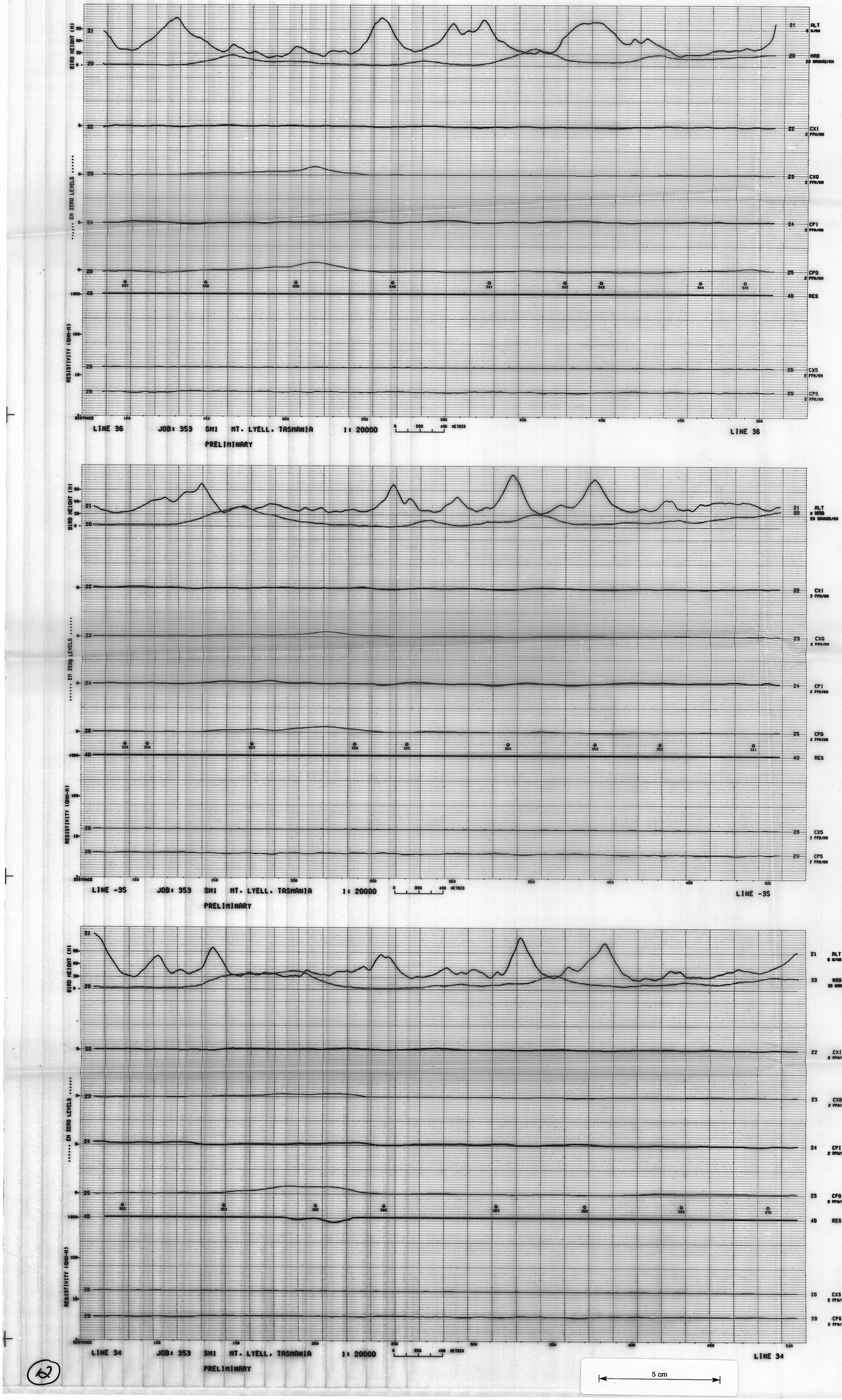
(9.)


BIRD HEIGHT (M)
..... EM ZERO LEVELS .....
RESISTIVITY (OHM-M)
ALT
HAG
CX1
CXQ
CP1
CPQ
RES
CXS
CPS
DISTANCE
LINE 30
JOB: 353 SH1 MT. LYELL. TASMANIA
1: 20000
METRES
LINE 30
PRELIMINARY
LINE -29
JOB: 353 SH1 MT. LYELL. TASMANIA
1: 20000
METRES
LINE -29
PRELIMINARY
LINE 28
JOB: 353 SH1 MT. LYELL. TASMANIA
1: 20000
METRES
LINE 28
PRELIMINARY
5 cm

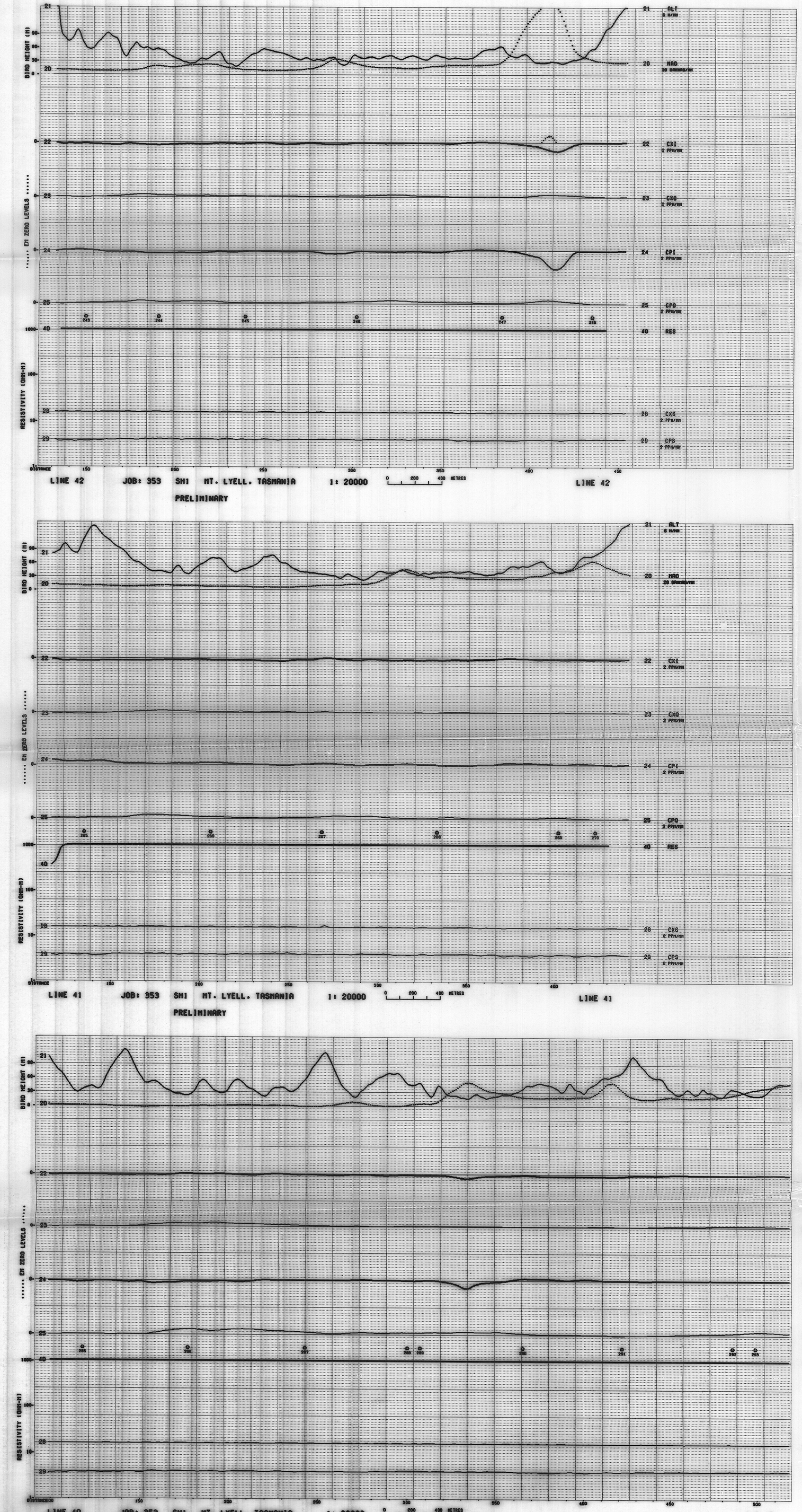

BIRD HEIGHT (M)
..... EM ZERO LEVELS .....
RESISTIVITY (OHM-M)
21 ALT 6 M/MM
20 HRD 20 OHMMS/MM
22 CXI 2 PPM/MM
23 CXQ 2 PPM/MM
24 CPI 2 PPM/MM
25 CPQ 2 PPM/MM
40 RES
28 CXS 2 PPM/MM
29 CPS 2 PPM/MM
DISTANCE
LINE -33 JOB: 353 SHI MT. LYELL. TASMANIA 1: 20000 0 200 400 METRES LINE -33
PRELIMINARY

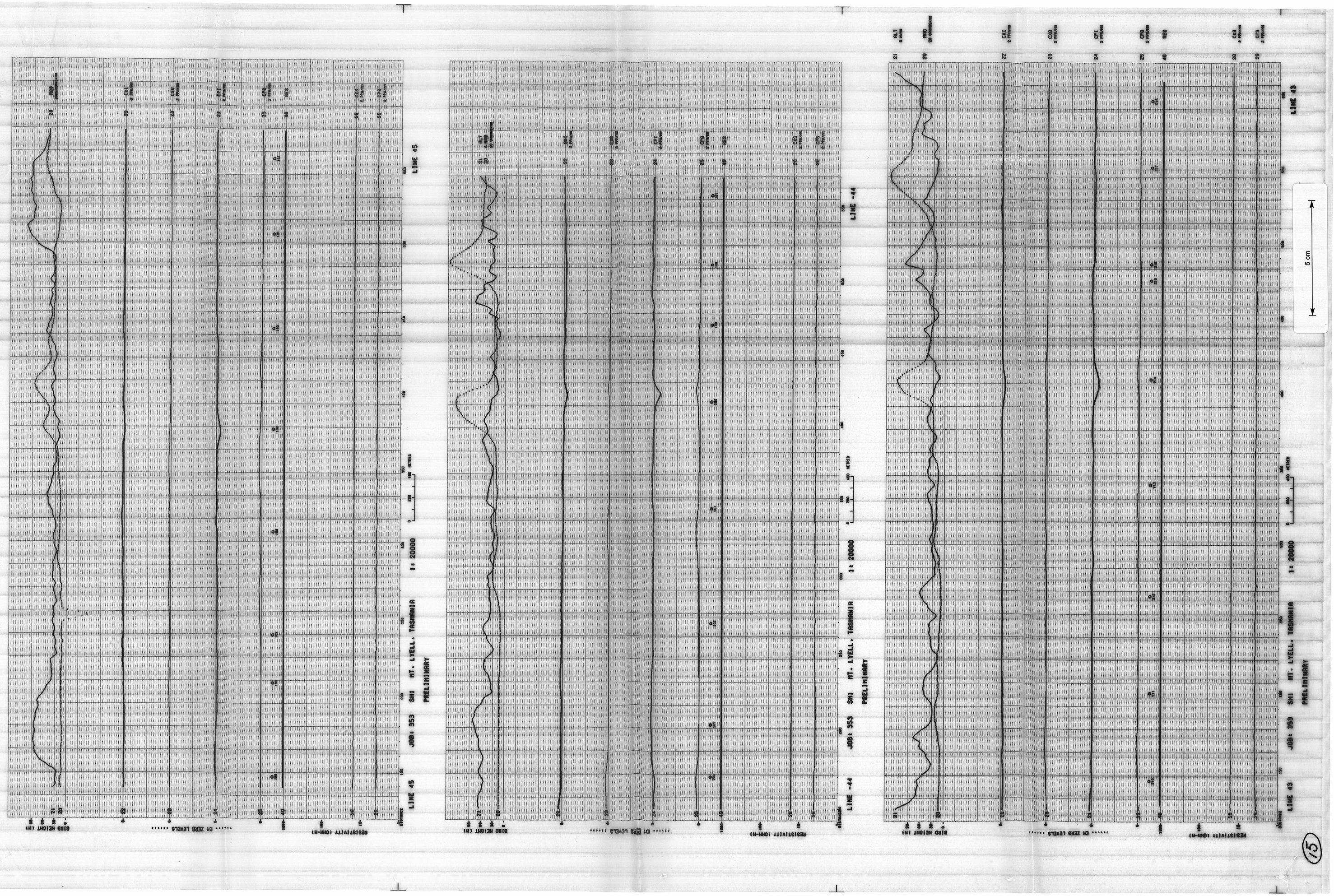

BIRD HEIGHT (M)
..... EM ZERO LEVELS .....
RESISTIVITY (OHM-M)
21 ALT 6 M/MM
20 HRD 20 OHMMS/MM
22 CXI 2 PPM/MM
23 CXQ 2 PPM/MM
24 CPI 2 PPM/MM
25 CPQ 2 PPM/MM
40 RES
28 CXS 2 PPM/MM
29 CPS 2 PPM/MM
DISTANCE
LINE 32 JOB: 353 SHI MT. LYELL. TASMANIA 1: 20000 0 200 400 METRES LINE 32
PRELIMINARY

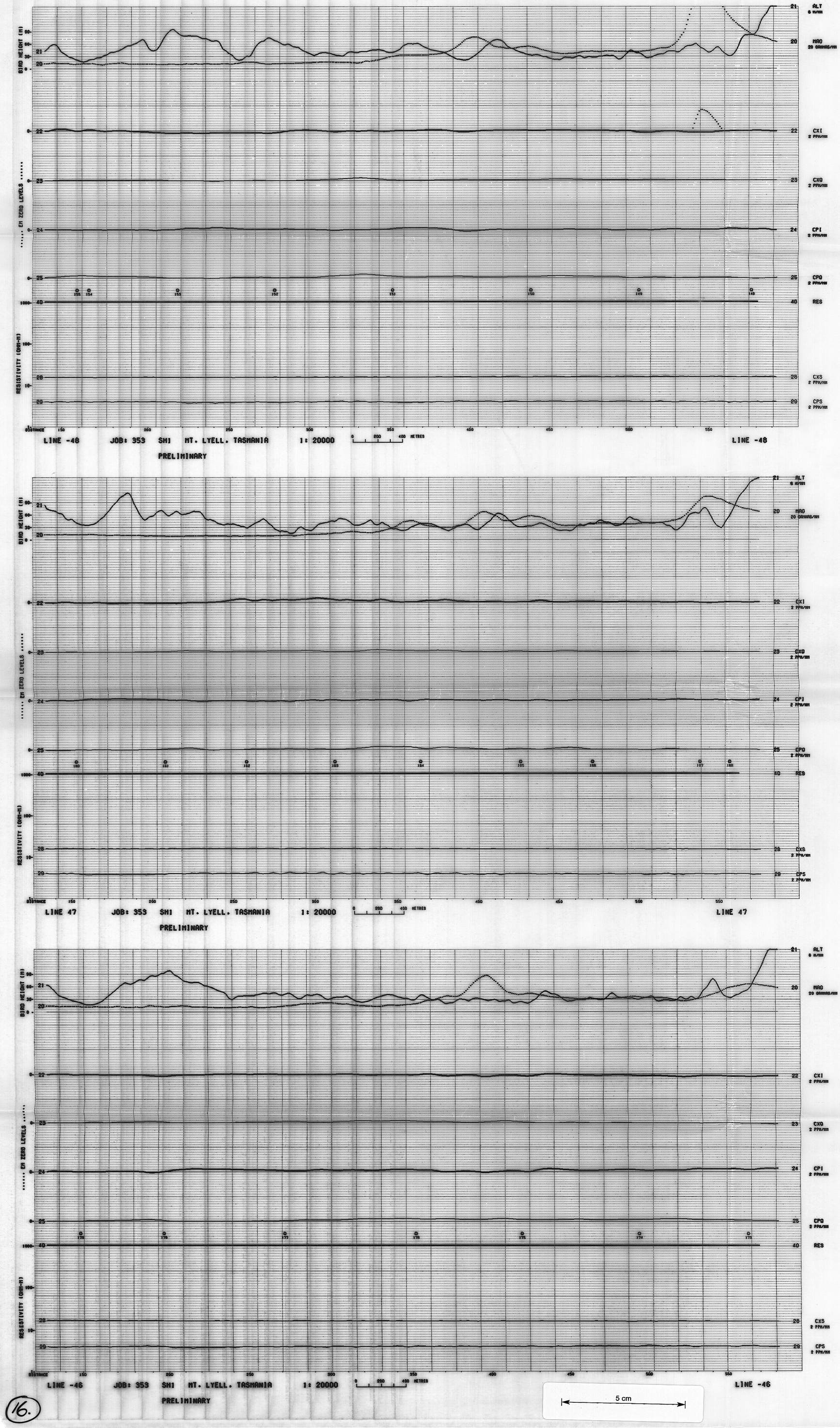

BIRD HEIGHT (M)
..... EM ZERO LEVELS .....
RESISTIVITY (OHM-M)
21 ALT 6 M/MM
20 HRD 20 OHMMS/MM
22 CXI 2 PPM/MM
23 CXQ 2 PPM/MM
24 CPI 2 PPM/MM
25 CPQ 2 PPM/MM
40 RES
28 CXS 2 PPM/MM
29 CPS 2 PPM/MM
DISTANCE
LINE -31 JOB: 353 SHI MT. LYELL. TASMANIA 1: 20000 0 200 400 METRES LINE -31
PRELIMINARY
5 cm


BIRD HEIGHT (M)
..... EM ZERO LEVELS .....
RESISTIVITY (OHM-M)
DISTANCE
ALT
6 M/MM
MAG
20 GAMMAS/MM
CXI
2 PPM/MM
CXQ
2 PPM/MM
CPI
2 PPM/MM
CPQ
2 PPM/MM
RES
CXS
2 PPM/MM
CPS
2 PPM/MM
LINE 36 JOB: 353 SH1 MT. LYELL. TASMANIA 1: 20000 METRES LINE 36
PRELIMINARY
LINE -35 JOB: 353 SH1 MT. LYELL. TASMANIA 1: 20000 METRES LINE -35
PRELIMINARY
LINE 34 JOB: 353 SH1 MT. LYELL. TASMANIA 1: 20000 METRES LINE 34
PRELIMINARY
5 cm

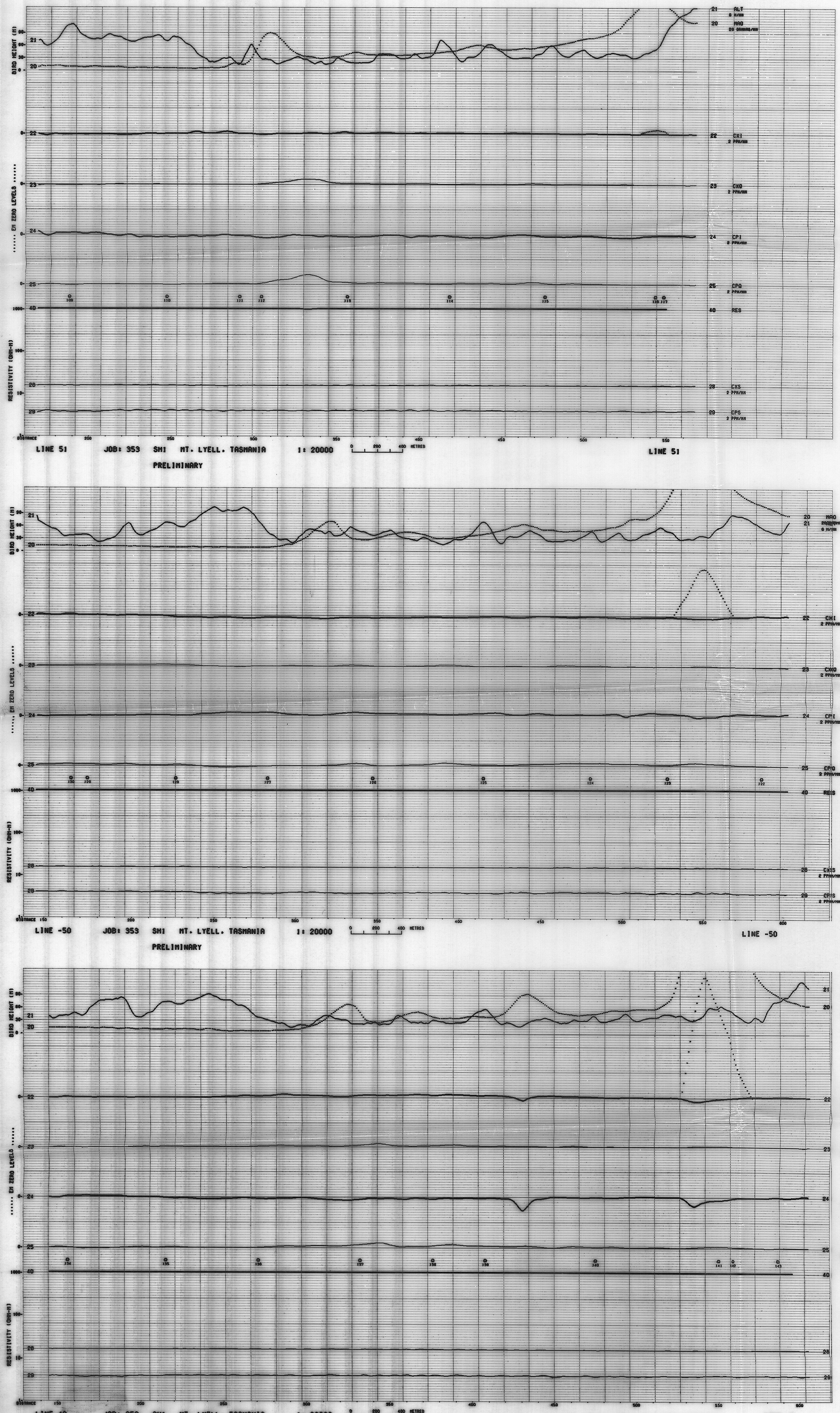

BIRD HEIGHT (M)
..... EM ZERO LEVELS .....
RESISTIVITY (OHM-M)
21 ALT 6 M/MM
20 MAG 20 GAMMAS/MM
22 CXI 2 PPM/MM
23 CXQ 2 PPM/MM
24 CPI 2 PPM/MM
25 CPQ 2 PPM/MM
40 RES
28 CXS 2 PPM/MM
29 CPS 2 PPM/MM
DISTANCE
LINE -39 JOB: 353 SH1 MT. LYELL. TASMANIA 1: 20000 0 200 400 METRES LINE -39
PRELIMINARY
LINE 38 JOB: 353 SH1 MT. LYELL. TASMANIA 1: 20000 0 200 400 METRES LINE 38
PRELIMINARY
LINE -37 JOB: 353 SH1 MT. LYELL. TASMANIA 1: 20000 0 200 400 METRES LINE -37
PRELIMINARY
5 cm
13


BIRD HEIGHT (M)
..... EM ZERO LEVELS .....
RESISTIVITY (OHM-M)
DISTANCE
21 ALT 8 M/MM
20 HRD 20 OHMM/MM
22 CXI 2 PPM/MM
23 CXQ 2 PPM/MM
24 CPI 2 PPM/MM
25 CPQ 2 PPM/MM
40 RES
28 CXS 2 PPM/MM
29 CPS 2 PPM/MM
LINE 42 JOB: 353 SH1 MT. LYELL. TASMANIA 1: 20000 METRES LINE 42
PRELIMINARY
LINE 41 JOB: 353 SH1 MT. LYELL. TASMANIA 1: 20000 METRES LINE 41
PRELIMINARY
LINE 40 JOB: 353 SH1 MT. LYELL. TASMANIA 1: 20000 METRES LINE 40
PRELIMINARY
5 cm


LINE 45
LINE -44
LINE 43
JOB: 353 SHI MT. LYELL. TASMANIA
PRELIMINARY
1: 20000
BIRD HEIGHT (M)
EM ZERO LEVELS
RESISTIVITY (OHM-M)
5 cm


BIRD HEIGHT (m)
..... EM ZERO LEVELS .....
RESISTIVITY (OHM-M)
ALT
6 m/mm
MAG
20 GAMMAS/mm
CXI
2 PPM/mm
CXO
2 PPM/mm
CPI
2 PPM/mm
CPO
2 PPM/mm
RES
CXS
2 PPM/mm
CPS
2 PPM/mm
DISTANCE
LINE -48
JOB: 353 SM1 MT. LYELL. TASMANIA
1: 20000
0 200 400 METRES
LINE -48
PRELIMINARY
LINE 47
JOB: 353 SM1 MT. LYELL. TASMANIA
1: 20000
LINE 47
PRELIMINARY
LINE -46
JOB: 353 SM1 MT. LYELL. TASMANIA
1: 20000
LINE -46
PRELIMINARY
5 cm

16.


BIRD HEIGHT (M)
..... EM ZERO LEVELS .....
RESISTIVITY (OHM-M)
DISTANCE
ALT
MAG
CXI
CXQ
CPI
CPQ
RES
CXS
CPS
LINE 51
JOB: 353 SM1 MT. LYELL. TASMANIA
1: 20000
METRES
LINE 51
PRELIMINARY
LINE -50
JOB: 353 SM1 MT. LYELL. TASMANIA
1: 20000
METRES
LINE -50
PRELIMINARY
LINE 49
JOB: 353 SM1 MT. LYELL. TASMANIA
1: 20000
METRES
LINE 49
PRELIMINARY
5 cm