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EL CONDOR RESOURCES LTD.
ASSESSMENT REPORT - 1991 EXPLORATION PROGRAM
KEMESS PROJECT

APPENDIX K

AN ASSESSMENT REPORT ON AN INDUCED POLARIZATION SURVEY ON THE
KEMESS PROPERTY

BY

JOHN LLOYD
DANIEL KLIT

LLOYD GEOPHYSICS INC
DECEMBER 1991

VOLUME IVb

PART 5 OF 5

**GEOLOGICAL BRANCH
ASSESSMENT REPORT**

FILMED

22,280

April 15, 1992

**AN ASSESSMENT REPORT ON AN
INDUCED POLARIZATION SURVEY ON THE
KEMESS PROPERTY
OMINECA MINING DIVISION, BRITISH COLUMBIA**

**LATITUDE 57°00'NORTH
LONGITUDE 126°45'WEST
NTS 94E/2**

FOR

EL CONDOR RESOURCES LTD.

BY

John Lloyd, M.Sc., P.Eng.

and

Daniel A. Klit, B.Sc.

LLOYD GEOPHYSICS INC.

DECEMBER, 1991

VOLUME 2 OF 2

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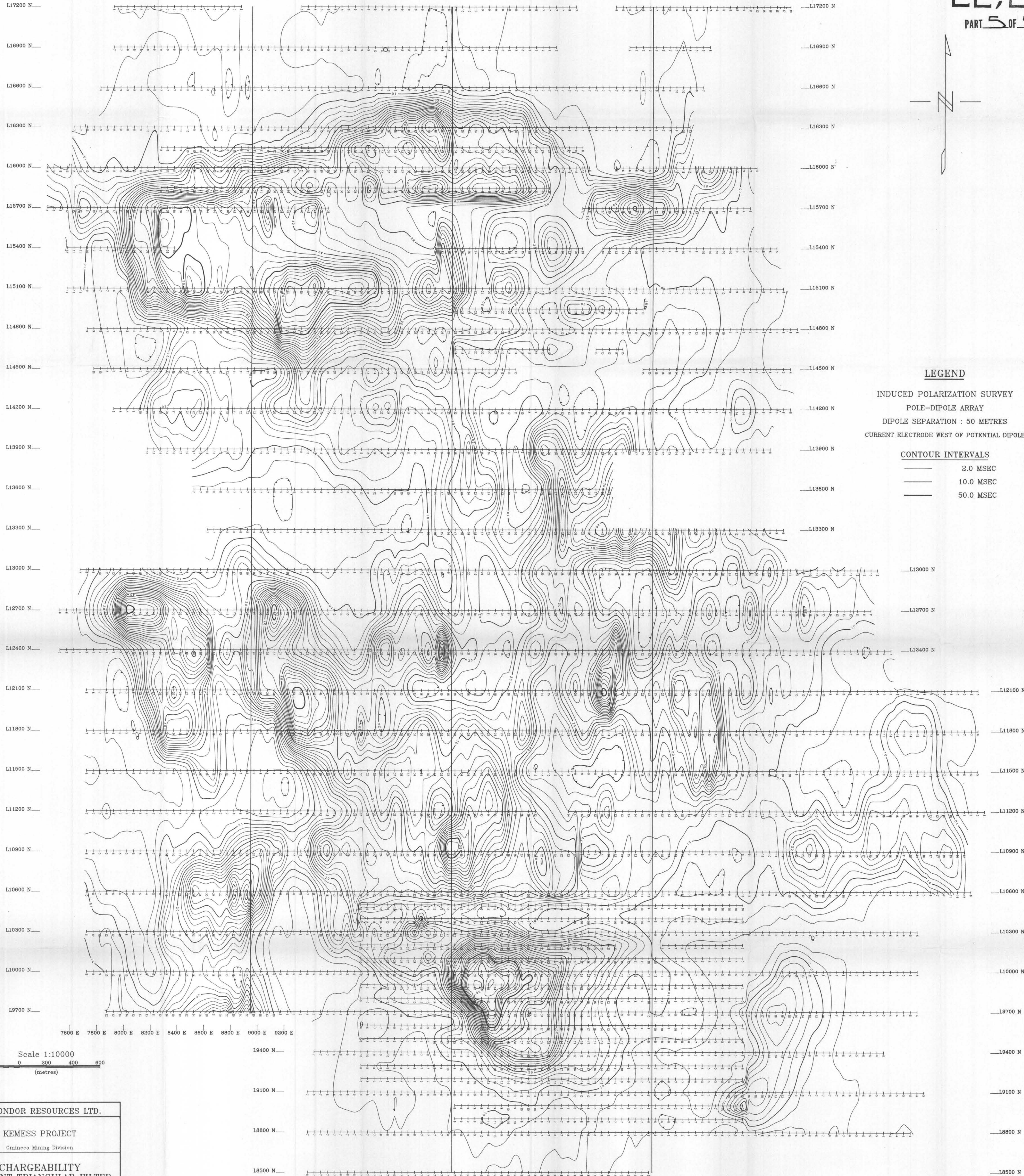
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14200N	91322-32 East & West
14500N	91322-33 East & West
14650N	91322-34
14800N	91322-35 East & West
14950N	91322-36
15100N	91322-37 East & West
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LEGEND

INDUCED POLARIZATION SURVEY
POLE-DIPOLE ARRAY
DIPOLE SEPARATION : 50 METRES
CURRENT ELECTRODE WEST OF POTENTIAL DIPOLE

CONTOUR INTERVALS

- 2.0 MSEC
- 10.0 MSEC
- 50.0 MSEC

Scale 1:10000
200 0 200 400 600
(metres)

EL CONDOR RESOURCES LTD.

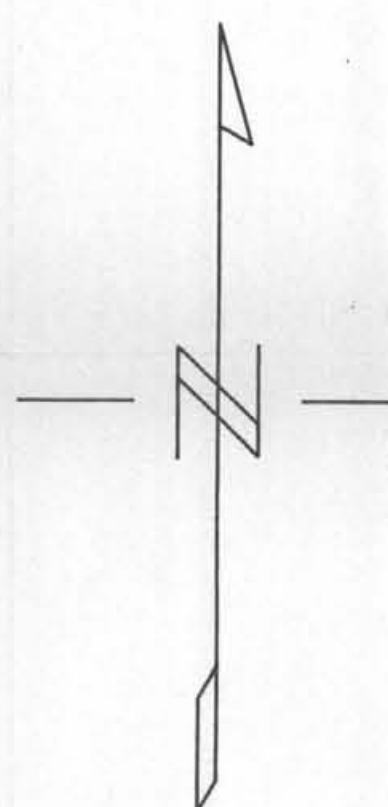
KEMESS PROJECT
Omineca Mining Division

CHARGEABILITY
10 POINT TRIANGULAR FILTER

NTS 94 E/2
Map Scale 1 : 10000 Drawing : 91322-47

LLOYD GEOPHYSICS INC.

9400 E 9600 E 9800 E 10000 E 10200 E 10400 E 10600 E 10800 E 11000 E 11200 E 11400 E 11600 E 11800 E 12000 E 12200 E 12400 E 12600 E 12800 E 13000 E 13200 E 13400 E 13600 E 13800 E 14000 E 14200 E 14400 E

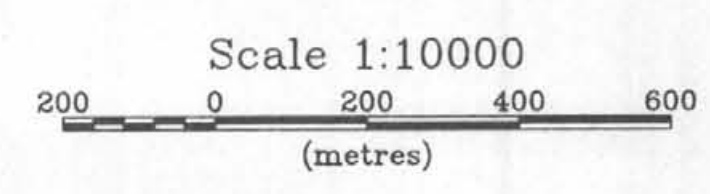
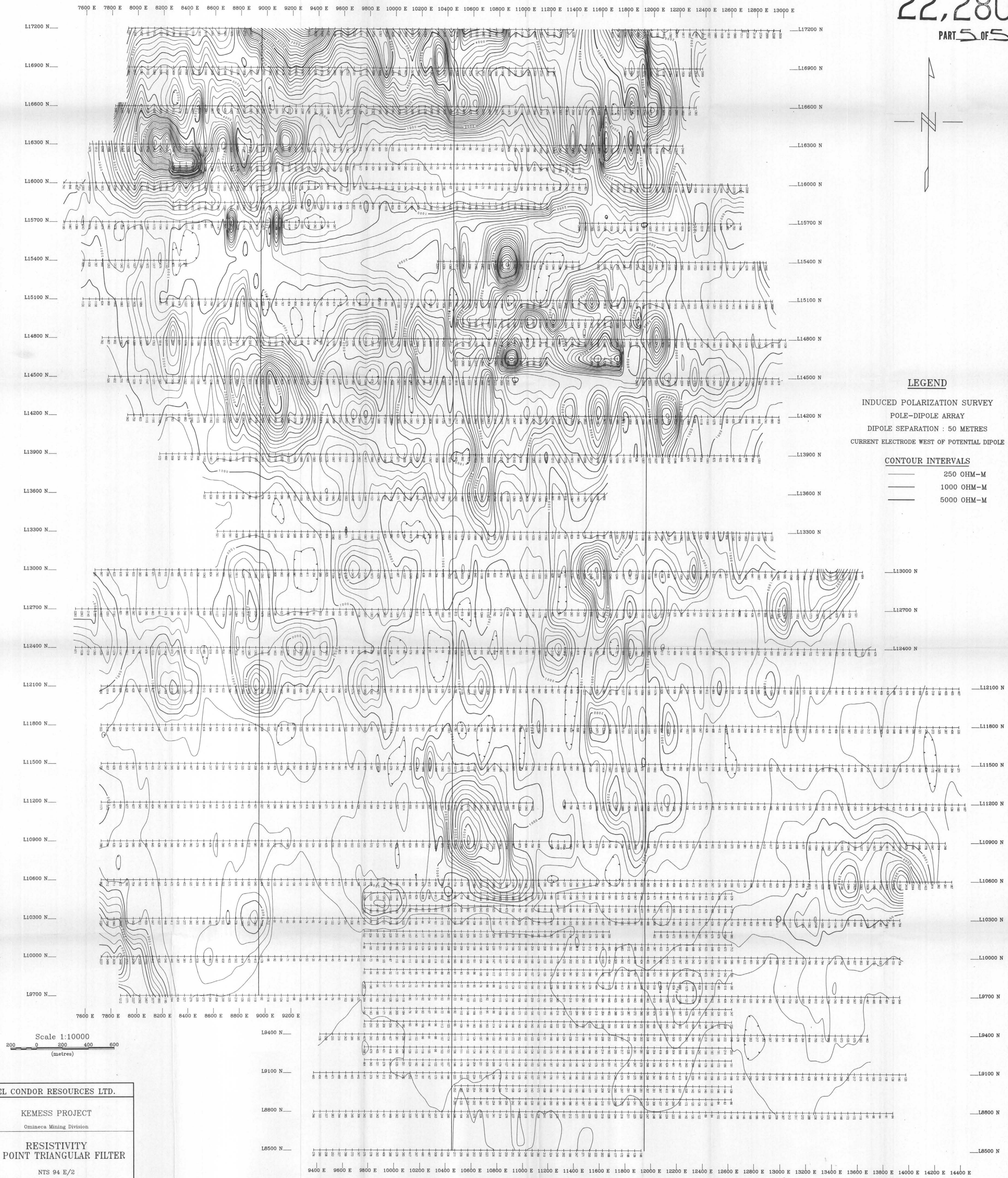


LEGEND

INDUCED POLARIZATION SURVEY
POLE-DIPOLE ARRAY
DIPOLE SEPARATION : 50 METRES
CURRENT ELECTRODE WEST OF POTENTIAL DIPOLE

CONTOUR INTERVALS

- 250 OHM-M
- 1000 OHM-M
- 5000 OHM-M



EL CONDOR RESOURCES LTD.

KEMESS PROJECT
Omnecca Mining Division

**RESISTIVITY
10 POINT TRIANGULAR FILTER**

NTS 94 E/2
Map Scale 1 : 10000 Drawing : 91322-48

LLOYD GEOPHYSICS INC.

7600 E 7800 E 8000 E 8200 E 8400 E 8600 E 8800 E 9000 E 9200 E 9400 E 9600 E 9800 E 10000 E 10200 E 10400 E 10600 E 10800 E 11000 E 11200 E 11400 E 11600 E 11800 E 12000 E 12200 E 12400 E 12600 E 12800 E 13000 E

L17200 N
L16900 N
L16600 N
L16300 N
L16000 N
L15700 N
L15400 N
L15100 N
L14800 N
L14500 N
L14200 N
L13900 N
L13600 N
L13300 N
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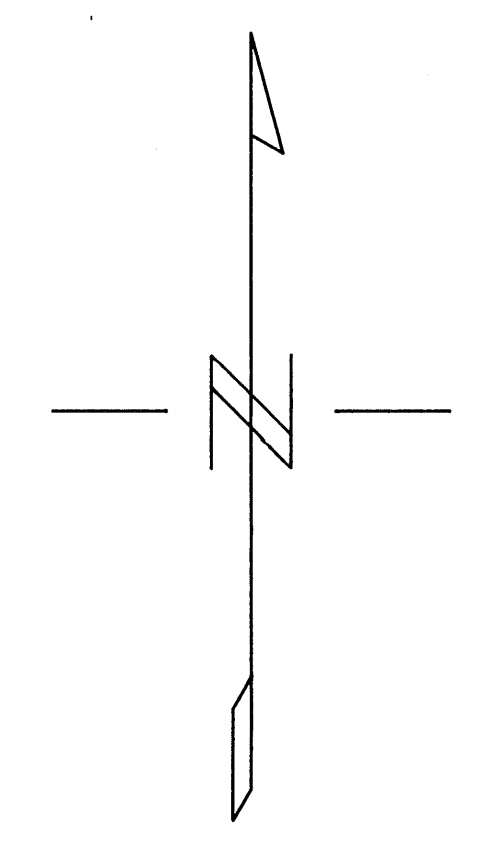
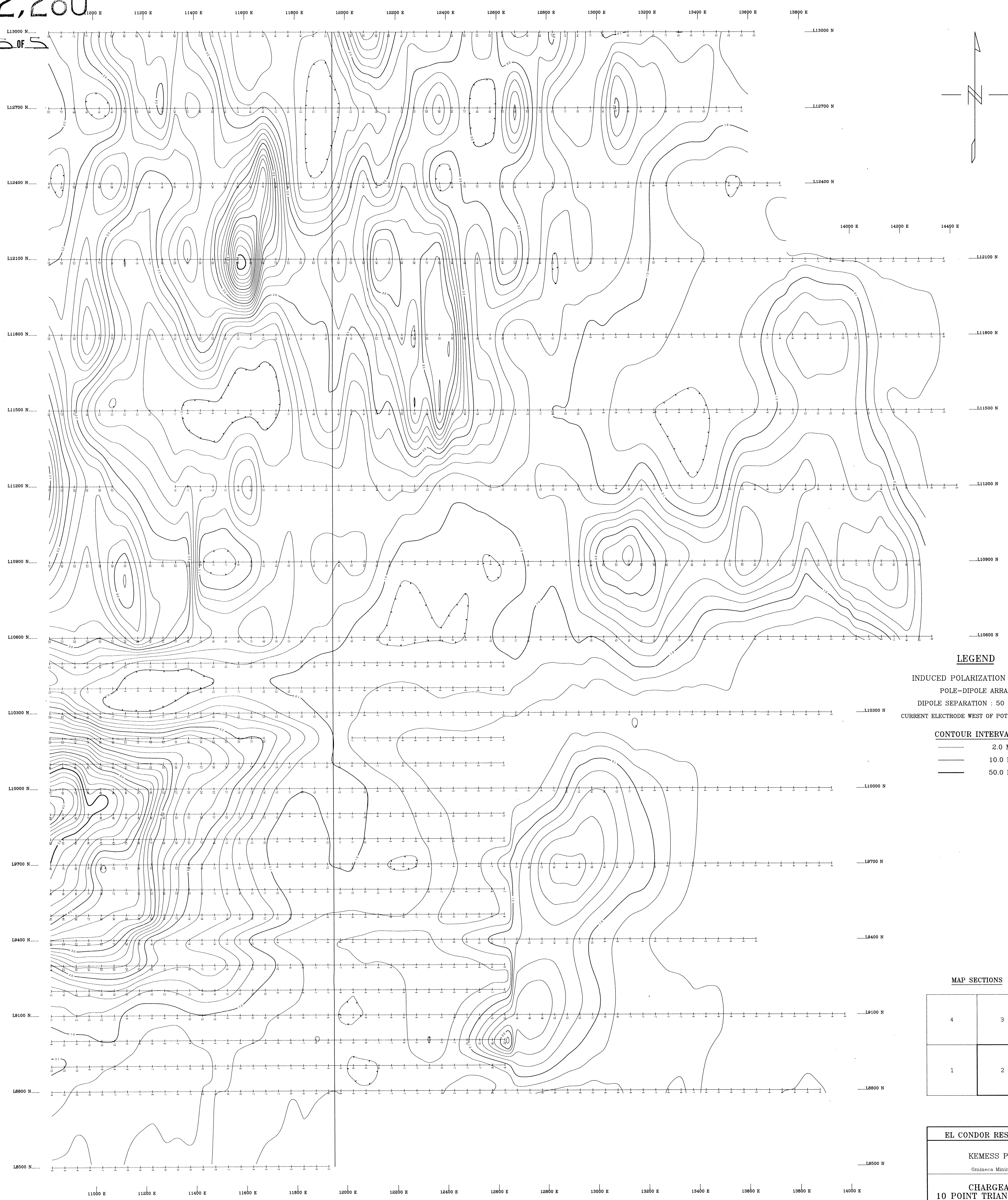
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L9400 N
L9100 N
L8800 N
L8500 N

9400 E 9600 E 9800 E 10000 E 10200 E 10400 E 10600 E 10800 E 11000 E 11200 E 11400 E 11600 E 11800 E 12000 E 12200 E 12400 E 12600 E 12800 E 13000 E 13200 E 13400 E 13600 E 13800 E 14000 E 14200 E 14400 E

22,280

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LEGEND

INDUCED POLARIZATION SURVEY
 POLE-DIPOLE ARRAY
 DIPOLE SEPARATION : 50 METRES
 CURRENT ELECTRODE WEST OF POTENTIAL DIPOLE

CONTOUR INTERVALS

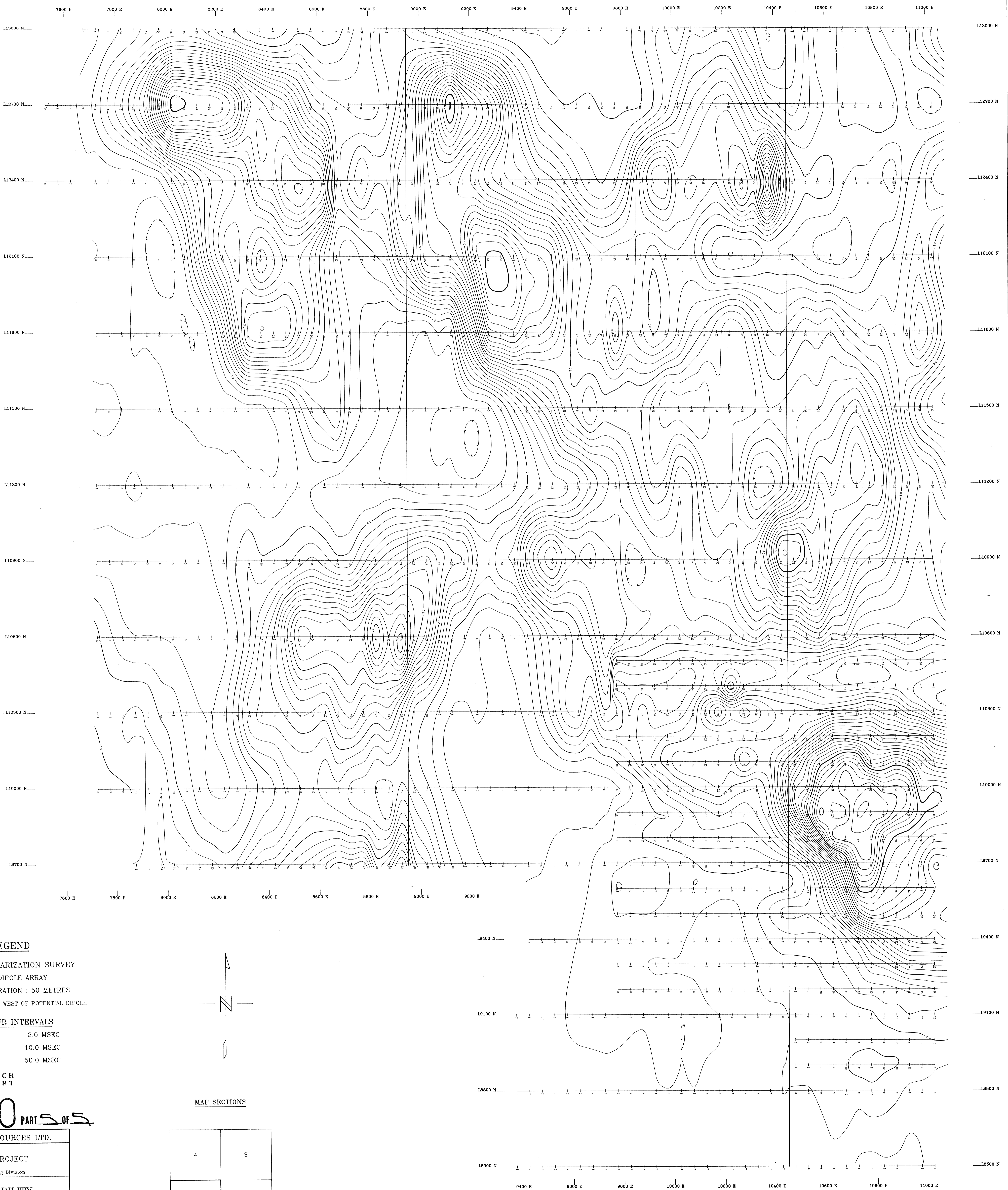
- 2.0 MSEC
- 10.0 MSEC
- 50.0 MSEC

MAP SECTIONS

4	3
1	2

Scale 1:5000
 100 0 100 200 300
 (metres)

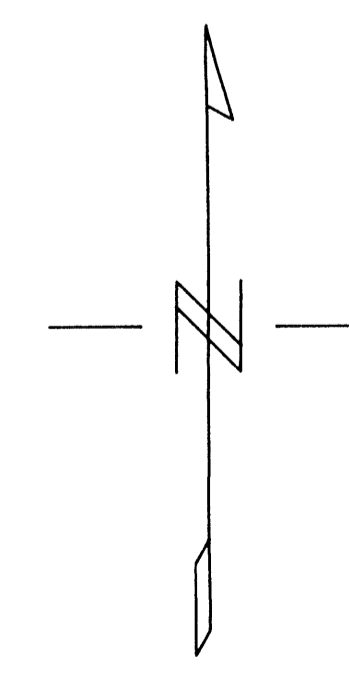
EL CONDOR RESOURCES LTD.
KEMESS PROJECT Omineca Mining Division
CHARGEABILITY 10 POINT TRIANGULAR FILTER NTS 94 E/2
Map Scale 1 : 5000 Drawing : 91322-49SE
LLOYD GEOPHYSICS INC.



LEGEND

INDUCED POLARIZATION SURVEY
 POLE-DIPOLE ARRAY
 DIPOLE SEPARATION : 50 METRES
 CURRENT ELECTRODE WEST OF POTENTIAL DIPOLE

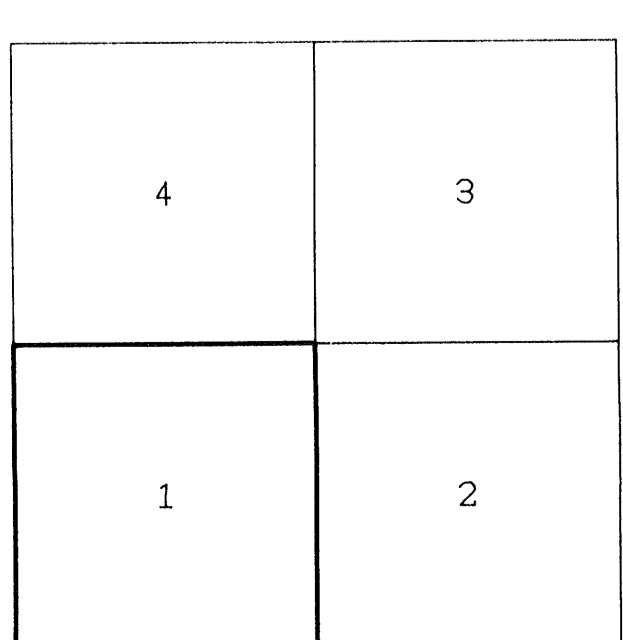
CONTOUR INTERVALS
 ——— 2.0 MSEC
 ——— 10.0 MSEC
 ——— 50.0 MSEC



GEOLOGICAL BRANCH
 ASSESSMENT REPORT

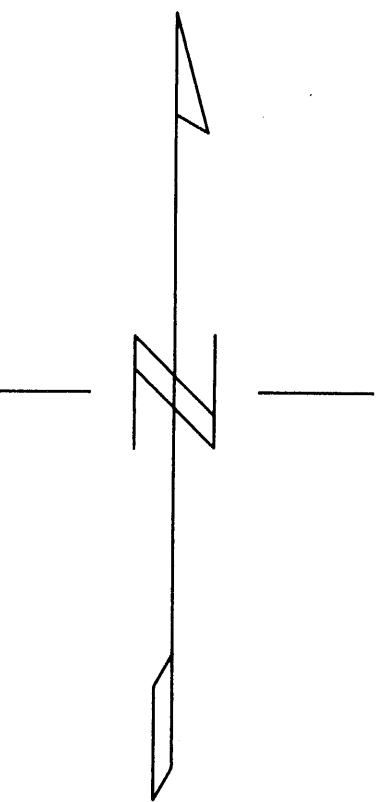
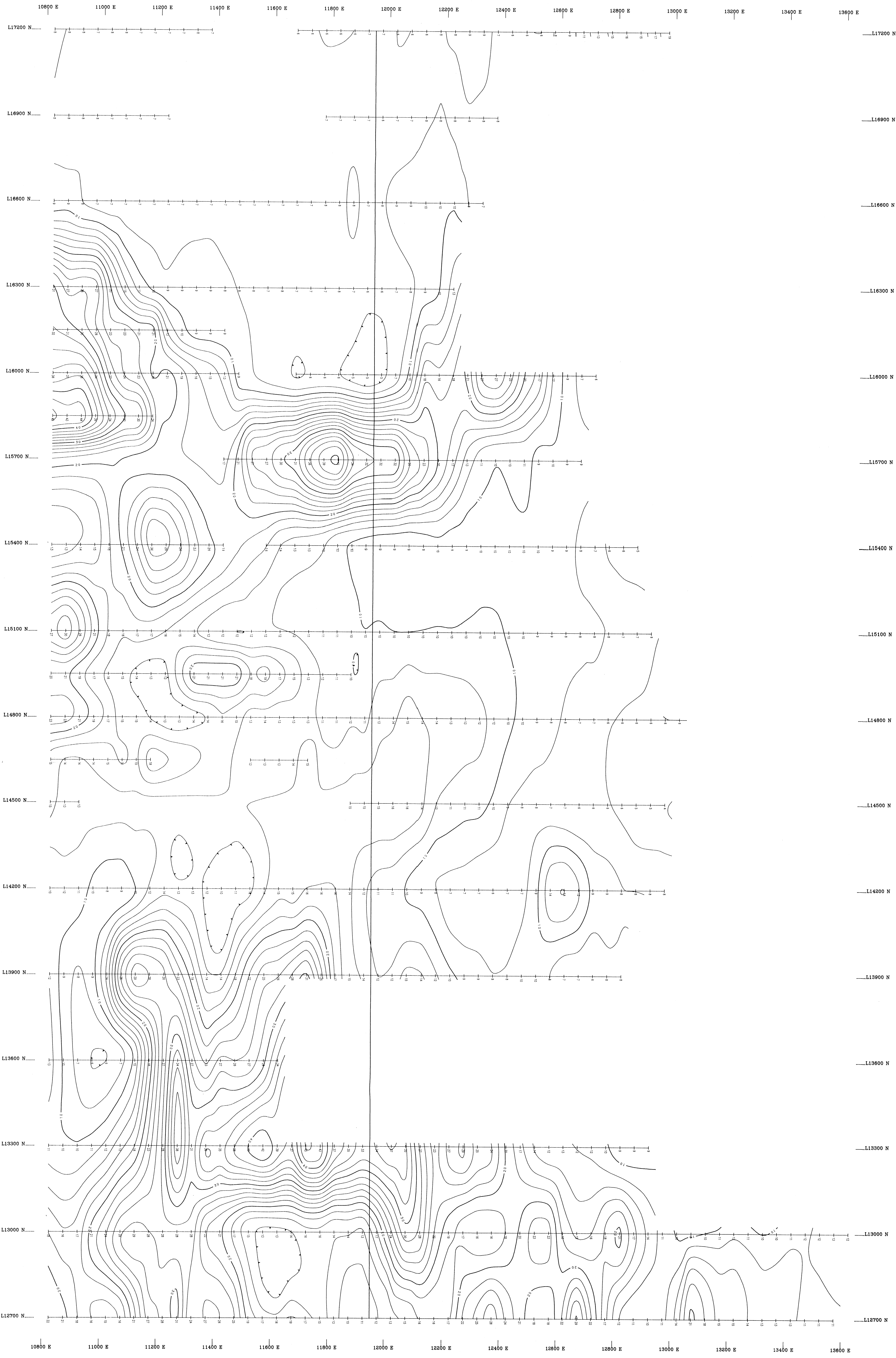
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MAP SECTIONS



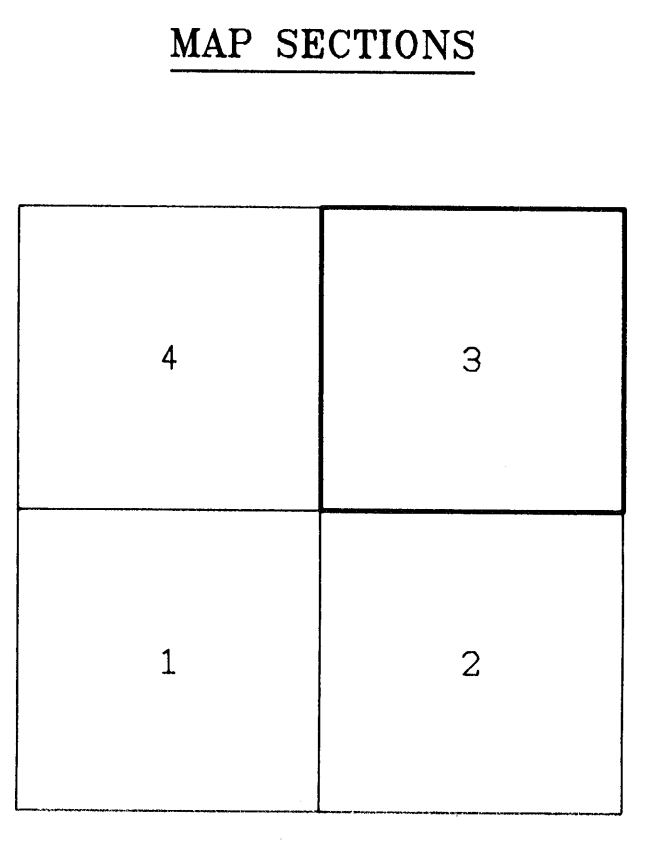
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 (metres)

EL CONDOR RESOURCES LTD.
 KEMESS PROJECT
 Omineca Mining Division
 CHARGEABILITY
 10 POINT TRIANGULAR FILTER
 NTS 94 E/2
 Map Scale 1 : 5000 Drawing : 91322-49SW
 LLOYD GEOPHYSICS INC.



LEGEND
 INDUCED POLARIZATION SURVEY
 POLE-DIPOLE ARRAY
 DIPOLE SEPARATION : 50 METRES
 CURRENT ELECTRODE WEST OF POTENTIAL DIPOLE

CONTOUR INTERVALS
 ——— 2.0 MSEC
 ——— 10.0 MSEC
 ——— 50.0 MSEC



Scale 1:5000
 100 0 100 200 300
 (metres)
 GEOLOGICAL BRANCH
 ASSESSMENT REPORT

22,280 PART 5 OF 5

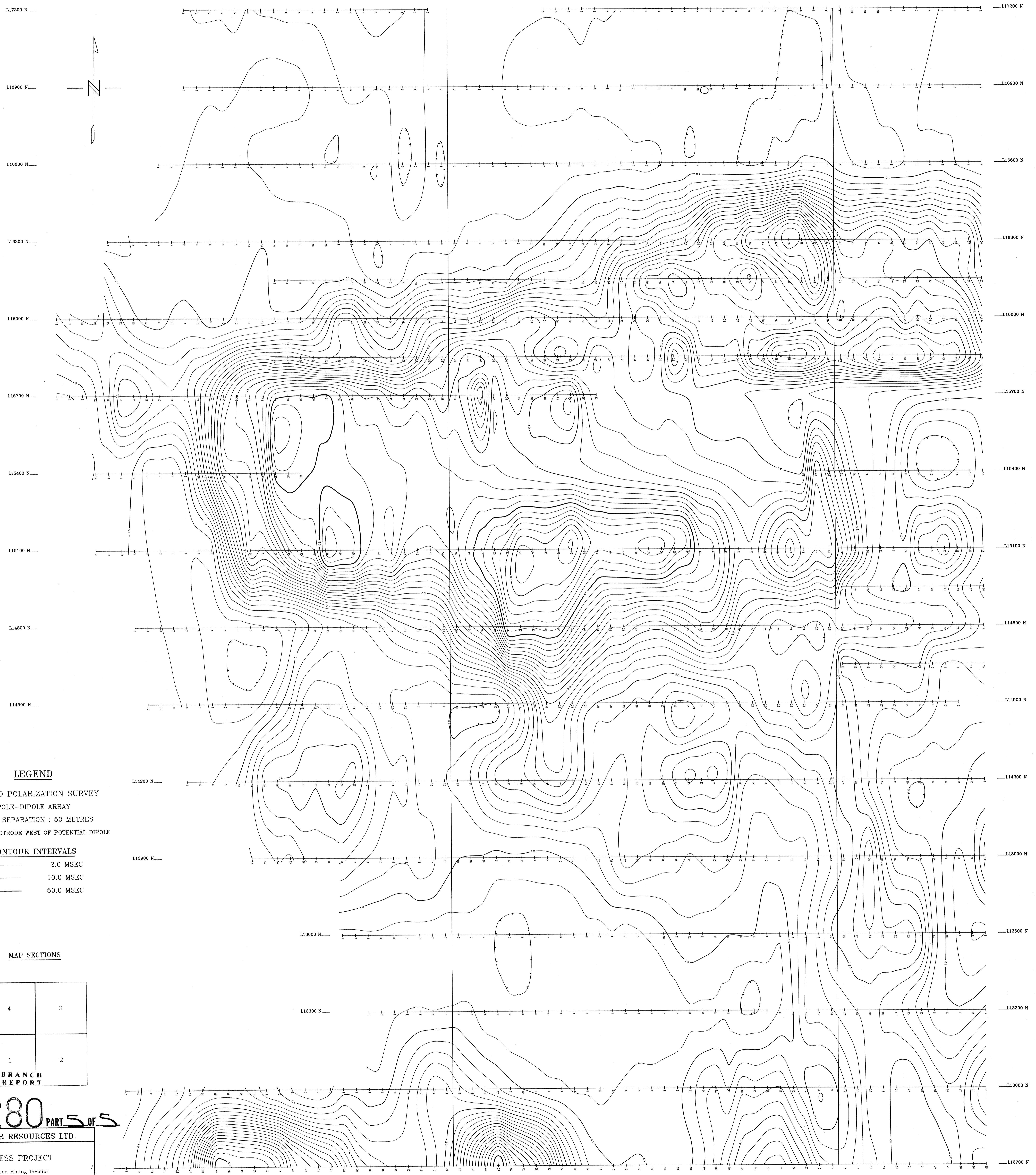
EL CONDOR RESOURCES LTD.

KEMESS PROJECT
 Omineca Mining Division

CHARGEABILITY
 10 POINT TRIANGULAR FILTER
 NTS 94 E/2
 Map Scale 1 : 5000 Drawing : 91322-49NE

LLOYD GEOPHYSICS INC.

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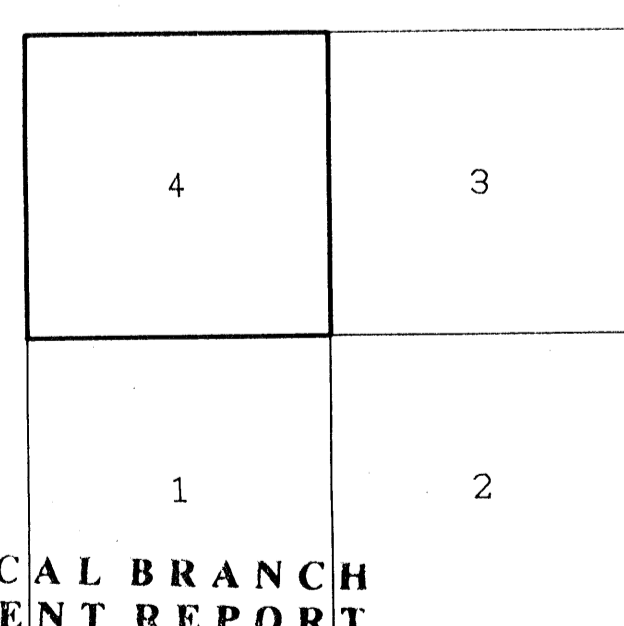
LEGEND

INDUCED POLARIZATION SURVEY
POLE-DIPOLE ARRAY
DIPOLE SEPARATION : 50 METRES
CURRENT ELECTRODE WEST OF POTENTIAL DIPOLE

CONTOUR INTERVALS

- 2.0 MSEC
- 10.0 MSEC
- 50.0 MSEC

MAP SECTIONS



GEOLOGICAL BRANCH
ASSESSMENT REPORT

22,280 PART 5 OF 5

EL CONDOR RESOURCES LTD.

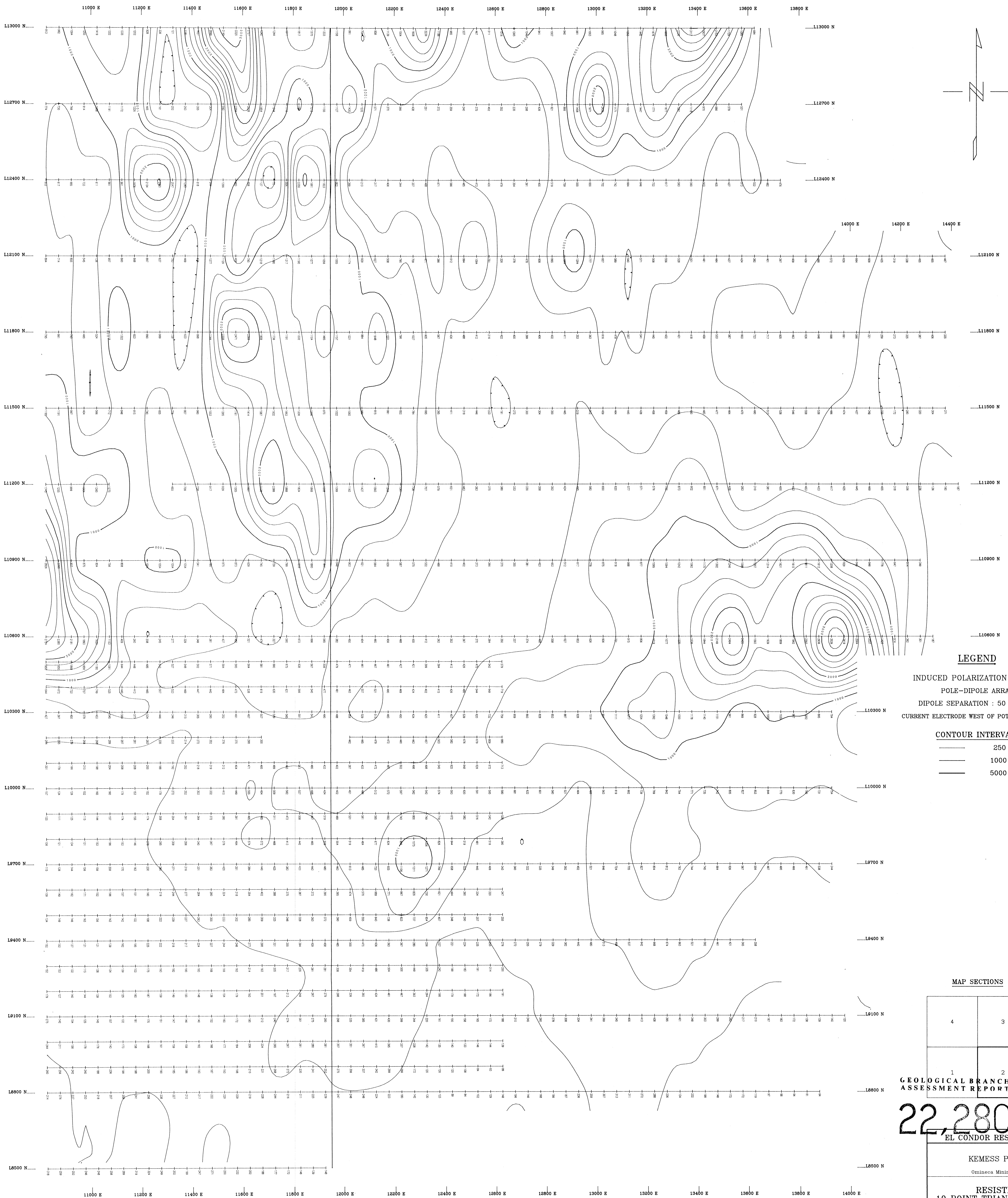
KEMESS PROJECT
Omineca Mining Division

CHARGEABILITY
10 POINT TRIANGULAR FILTER

NTS 94 E/2
Map Scale 1 : 5000 Drawing : 91322-49NW

LLOYD GEOPHYSICS INC.

Scale 1:5000
100 0 100 200 300
(metres)

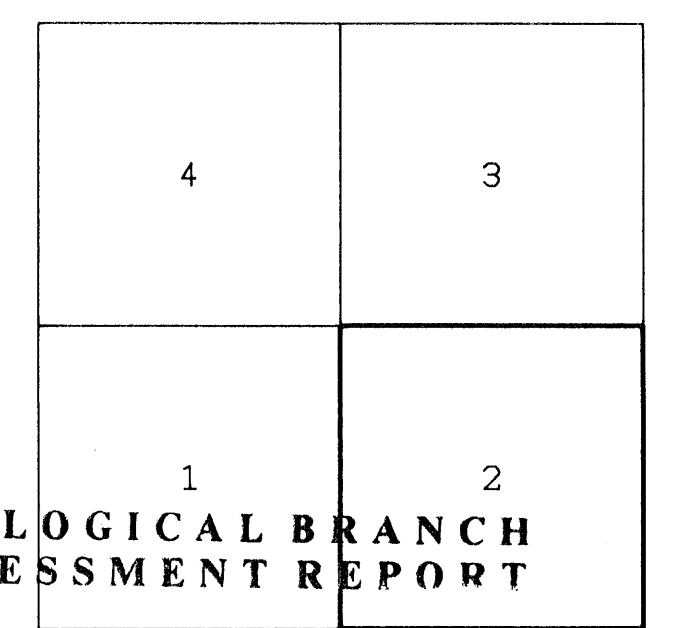


LEGEND

INDUCED POLARIZATION SURVEY
 POLE-DIPOLE ARRAY
 DIPOLE SEPARATION : 50 METRES
 CURRENT ELECTRODE WEST OF POTENTIAL DIPOLE

CONTOUR INTERVALS
 ——— 250 OHM-M
 ——— 1000 OHM-M
 ——— 5000 OHM-M

MAP SECTIONS

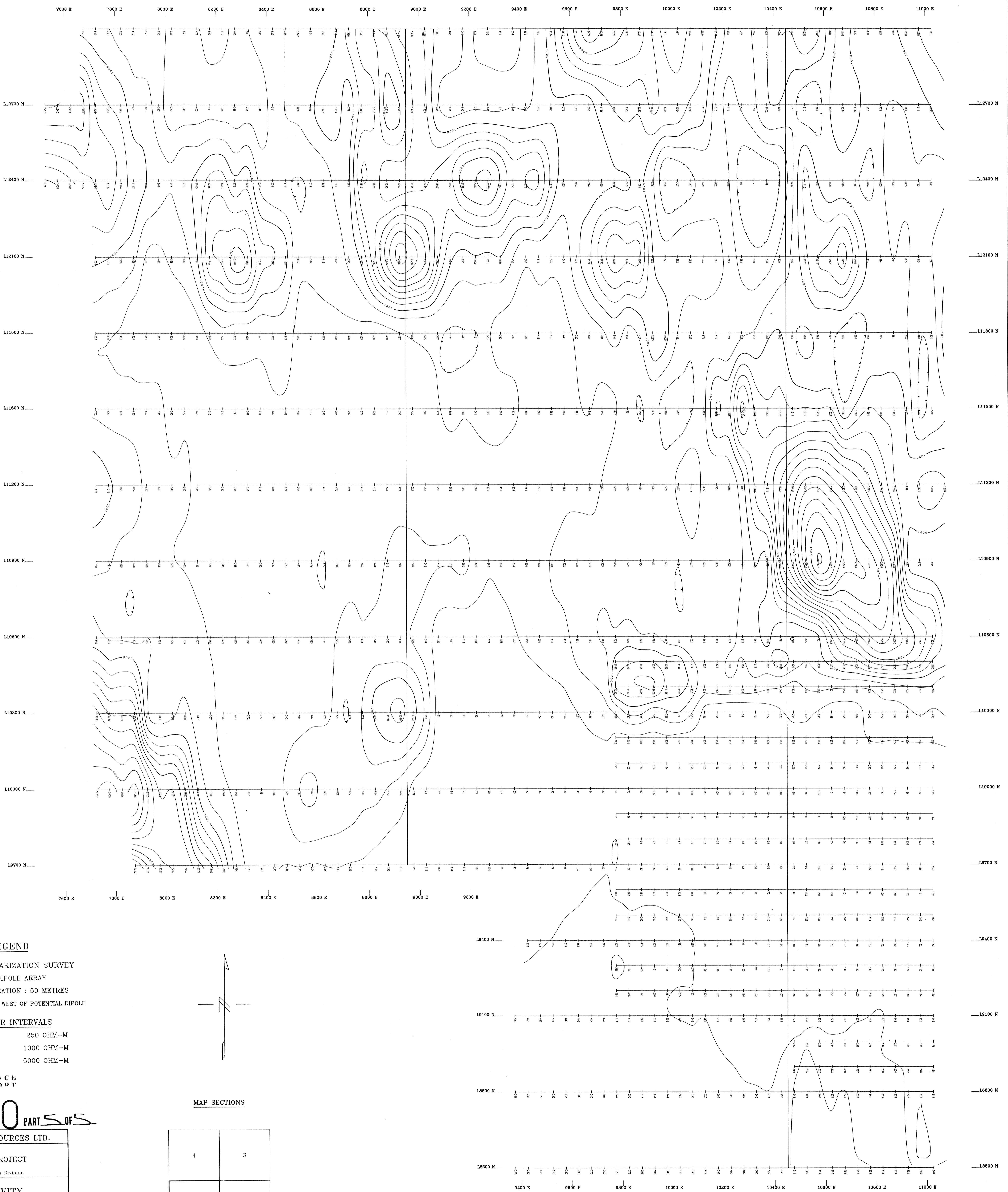


**GEOLOGICAL BRANCH
 ASSESSMENT REPORT**

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 EL CONDOR RESOURCES LTD.

KEMESS PROJECT
 Omineca Mining Division
RESISTIVITY
10 POINT TRIANGULAR FILTER
 NTS 94 E/2
 Map Scale 1 : 5000 Drawing : 91322-50SE
LLOYD GEOPHYSICS INC.

Scale 1:5000
 0 100 200 300
 (metres)

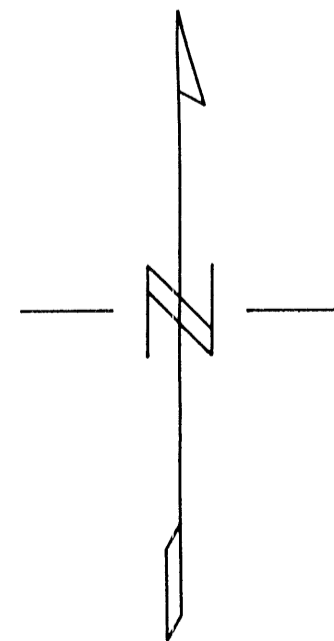


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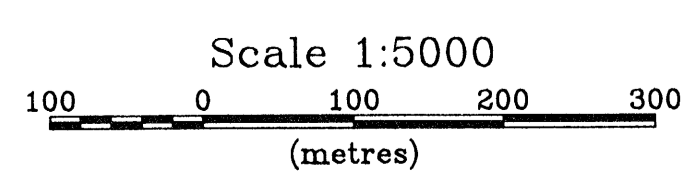
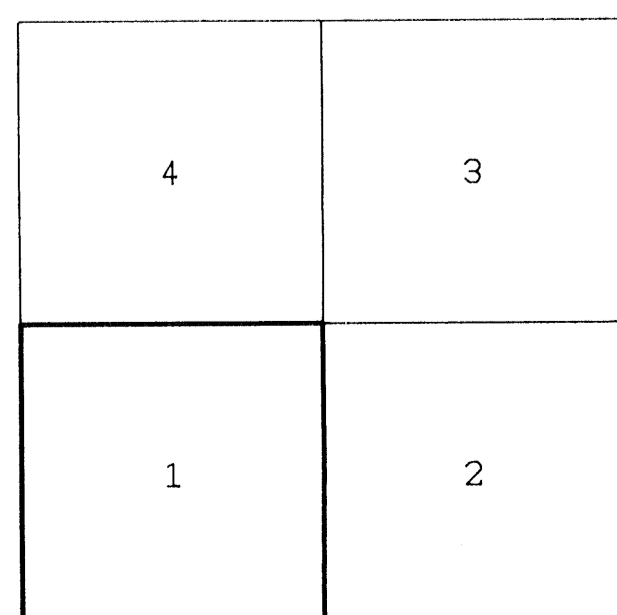
INDUCED POLARIZATION SURVEY
 POLE-DIPOLE ARRAY
 DIPOLE SEPARATION : 50 METRES
 CURRENT ELECTRODE WEST OF POTENTIAL DIPOLE

CONTOUR INTERVALS

- 250 OHM-M
- 1000 OHM-M
- 5000 OHM-M



MAP SECTIONS



22,280 PART 5 OF 5

**GEOLOGICAL BRANCH
 ASSESSMENT REPORT**

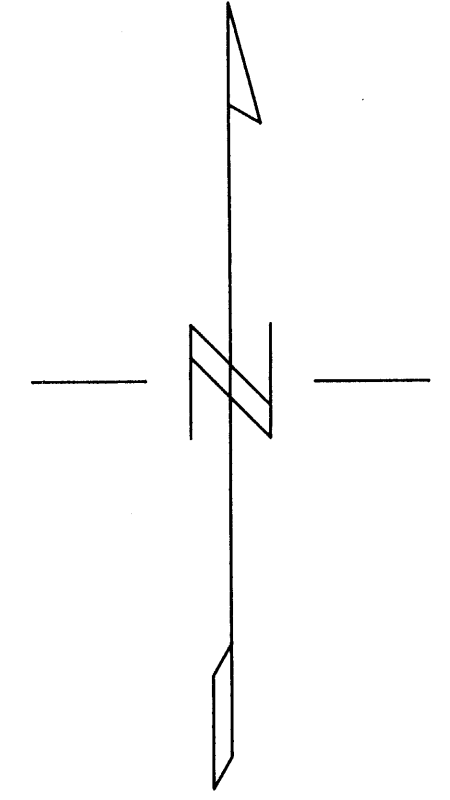
EL CONDOR RESOURCES LTD.

KEMESS PROJECT
 Omineca Mining Division

**RESISTIVITY
 10 POINT TRIANGULAR FILTER**

NTS 94 E/2
 Map Scale 1 : 5000 Drawing : 91322-50SW

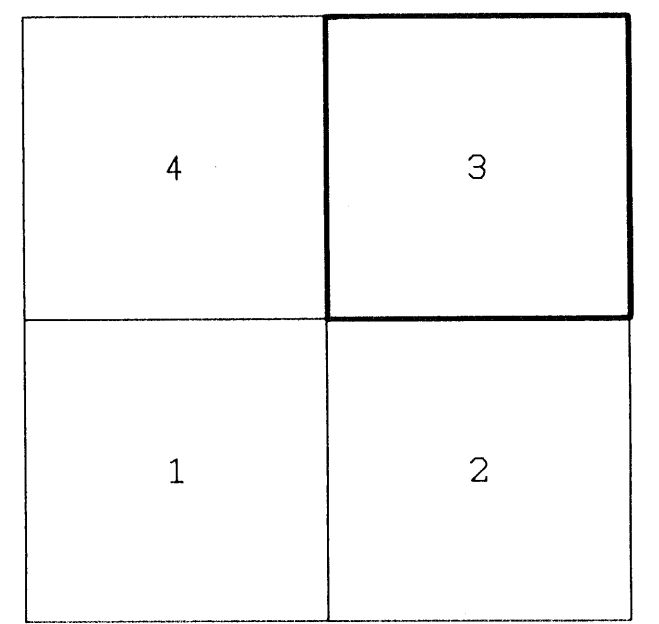
LLOYD GEOPHYSICS INC.



LEGEND
 INDUCED POLARIZATION SURVEY
 POLE-DIPOLE ARRAY
 DIPOLE SEPARATION : 50 METRES
 CURRENT ELECTRODE WEST OF POTENTIAL DIPOLE

CONTOUR INTERVALS
 ——— 250 OHM-M
 ——— 1000 OHM-M
 ——— 5000 OHM-M

MAP SECTIONS



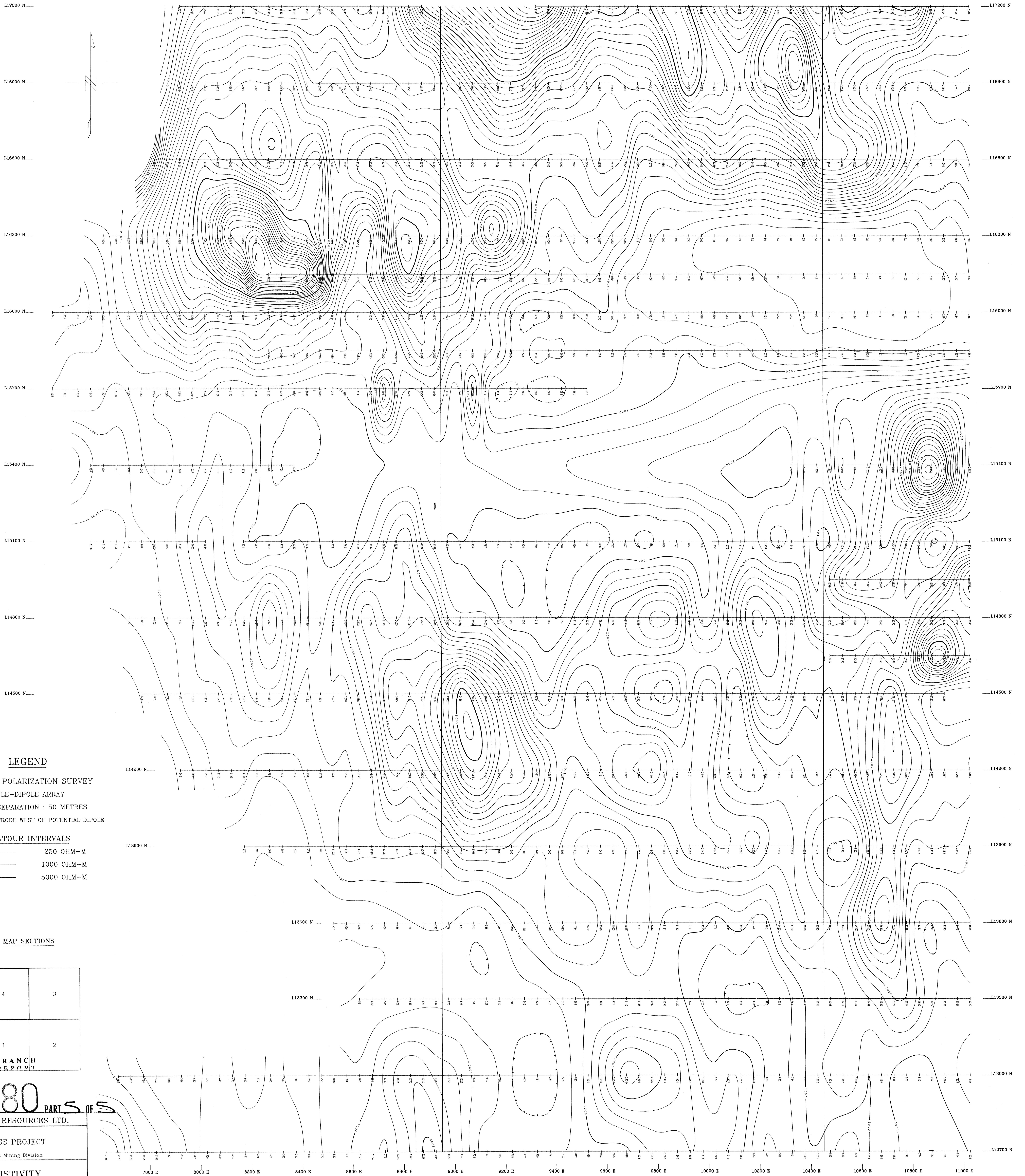
Scale 1:5000
 100 0 100 200 300
 (metres)

GEOLOGICAL BRANCH
 ASSESSMENT REPORT

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EL CONDOR RESOURCES LTD.
 KEMESS PROJECT
 Omineca Mining Division
 RESISTIVITY
 10 POINT TRIANGULAR FILTER
 NTS 94 E/2
 Map Scale 1 : 5000 Drawing : 91322-S0NE
 LLOYD GEOPHYSICS INC.

7400 E 7600 E 7800 E 8000 E 8200 E 8400 E 8600 E 8800 E 9000 E 9200 E 9400 E 9600 E 9800 E 10000 E 10200 E 10400 E 10600 E 10800 E 11000 E



LEGEND

INDUCED POLARIZATION SURVEY
 POLE-DIPOLE ARRAY
 DIPOLE SEPARATION : 50 METRES
 CURRENT ELECTRODE WEST OF POTENTIAL DIPOLE

CONTOUR INTERVALS

- 250 OHM-M
- 1000 OHM-M
- 5000 OHM-M

MAP SECTIONS

4	3
1	2

GEOLOGICAL BRANCH
ASSESSMENT REPORT

22,280 PART 5 OF 5
EL CONDOR RESOURCES LTD.

KEMESS PROJECT
Omnecca Mining Division

RESISTIVITY
10 POINT TRIANGULAR FILTER

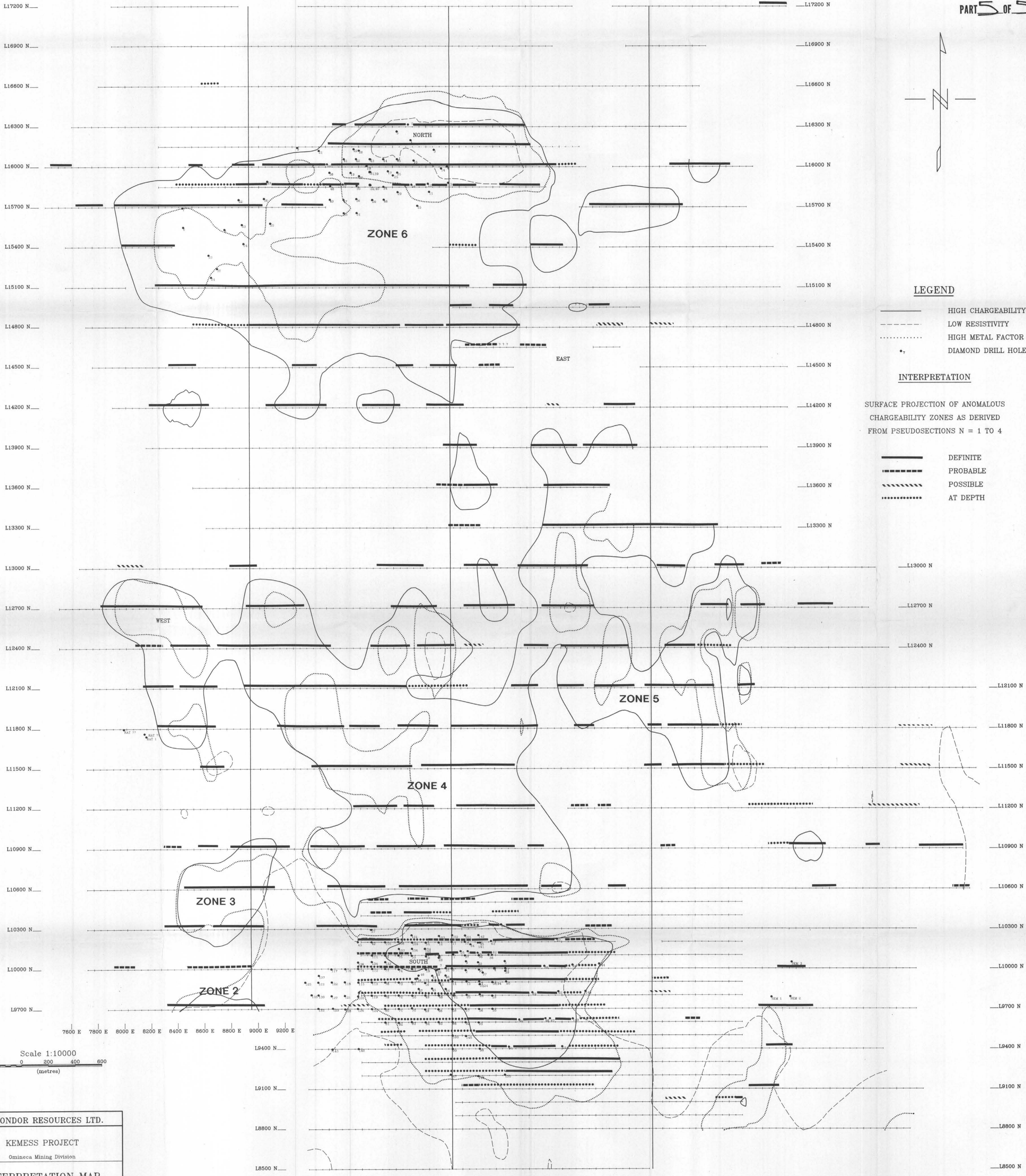
NTS 94 E/2

Map Scale 1 : 5000 Drawing : 91322-50NW

LLOYD GEOPHYSICS INC.

Scale 1:5000
 0 100 200 300
 (metres)

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LEGEND

- HIGH CHARGEABILITY
- - - - - LOW RESISTIVITY
- HIGH METAL FACTOR
- DIAMOND DRILL HOLE

INTERPRETATION

SURFACE PROJECTION OF ANOMALOUS CHARGEABILITY ZONES AS DERIVED FROM PSEUDOSECTIONS N = 1 TO 4

- DEFINITE
- - - - - PROBABLE
- POSSIBLE
- AT DEPTH

EL CONDOR RESOURCES LTD.

KEMESS PROJECT
Omineca Mining Division

INTERPRETATION MAP

NTS 94 E/2
Map Scale 1 : 10000 Drawing : 91322-51

LLOYD GEOPHYSICS INC.