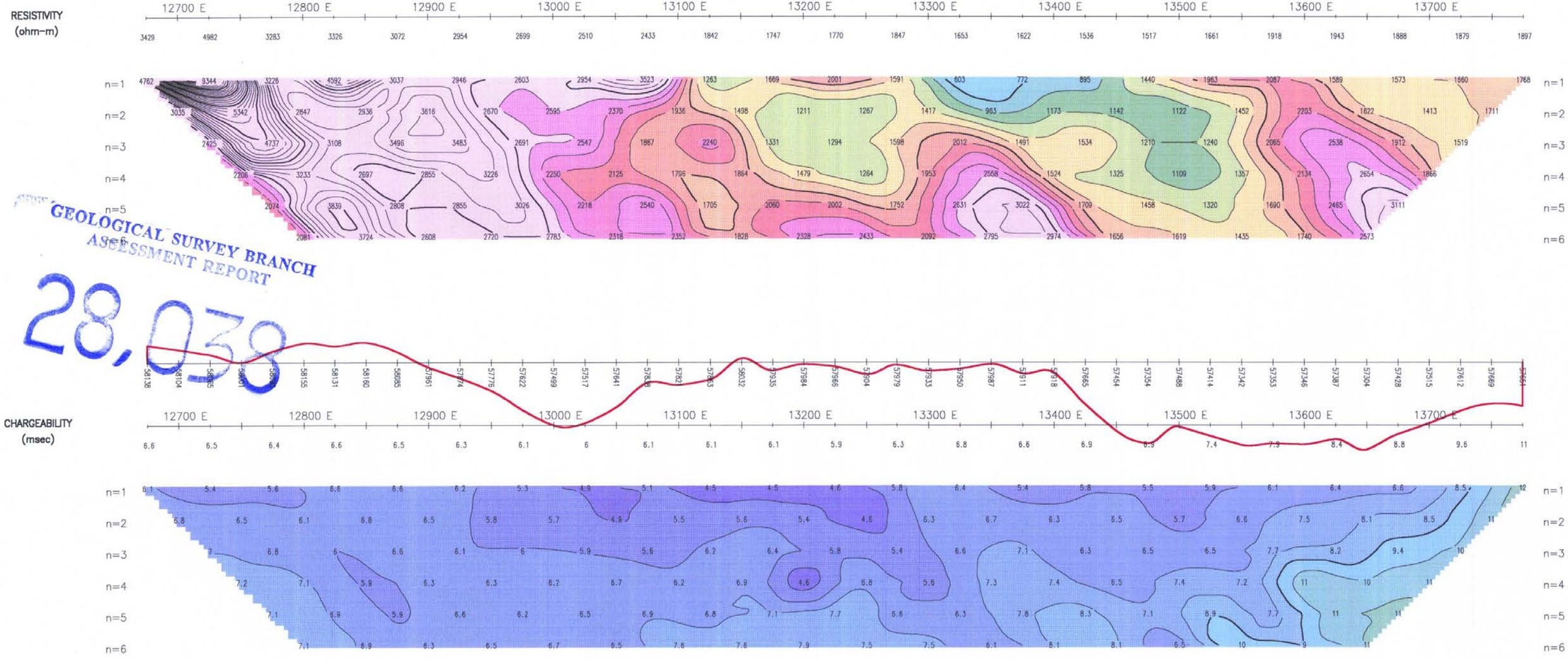
STEALTH MINERALS LTD.

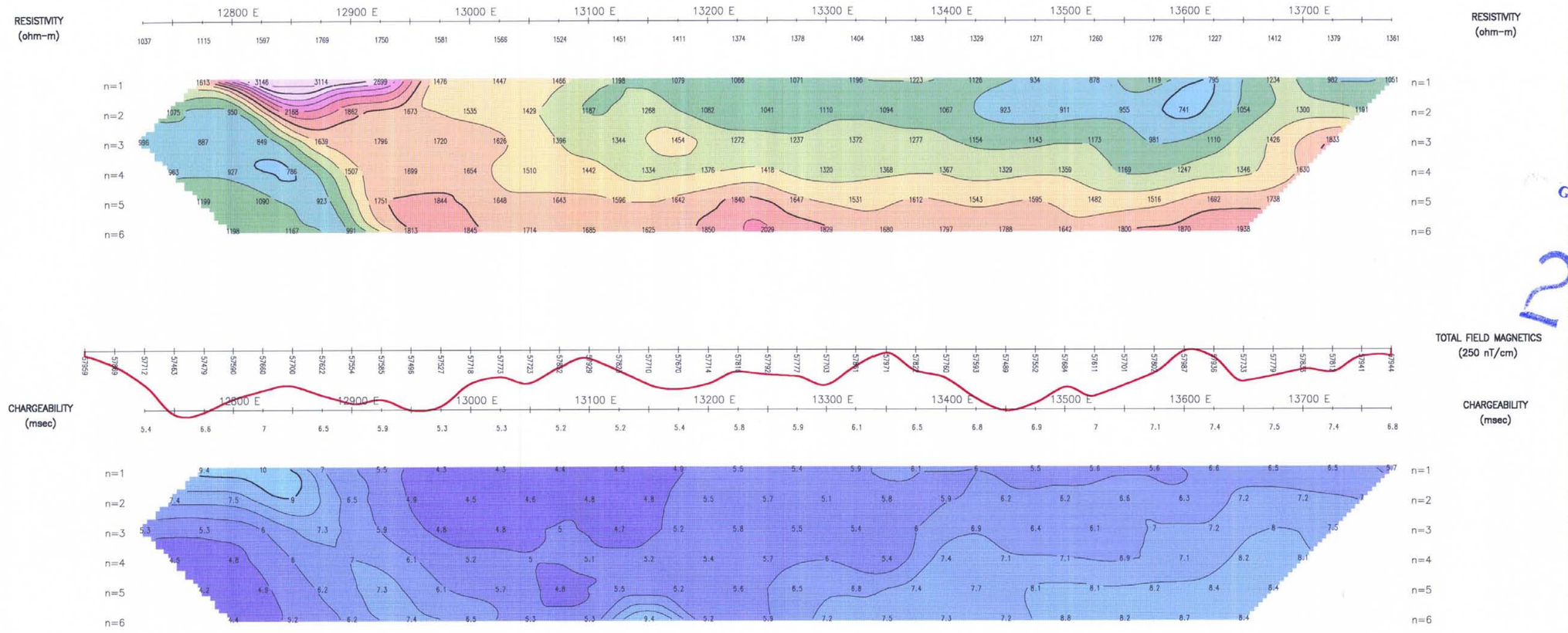
VOLUME TWO

A GEOPHYSICAL REPORT ON A GOUND MAGNETOMETER, INDUCED POLARIZATION AND RESISTIVITY SURVEY, OVER THE SOFIA PROSPECT, TOODOGGONE AREA, OMINECA MINING DIVISION, NORTH CENTRAL BRITISH COLUMBIA

DRAWING NUMBERS: 05495-01 TO 05495-17

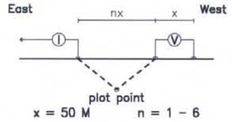
John Lloyd, M.Sc., P.Eng.
LLOYD GEOPHYSICS INC.
VANCOUVER, BRITISH COLUMBIA
AUGUST, 2005


RESISTIVITY
(ohm-m)
12700 E
12800 E
12900 E
13000 E
13100 E
13200 E
13300 E
13400 E
13500 E
13600 E
13700 E
3429 4982 3283 3326 3072 2954 2699 2510 2433 1842 1747 1770 1847 1653 1622 1536 1517 1661 1918 1943 1888 1879 1897
n=1
n=2
n=3
n=4
n=5
n=6
4762 9344 3226 4592 3037 2946 2603 2954 3523 1263 1669 2001 1591 603 772 895 1440 1963 2087 1589 1573 1660 1768
3035 5342 2847 2936 3616 2670 2595 2370 1936 1498 1211 1267 1417 963 1173 1142 1122 1452 2203 1622 1413 1711
2425 4737 3108 3496 3483 2691 2547 1867 2240 1331 1294 1598 2012 1491 1534 1210 1240 2065 2538 1912 1519
2206 3233 2697 2855 3226 2250 2125 1795 1864 1479 1264 1953 2568 1524 1325 1109 1357 2134 2654 1866
2074 3839 2808 2855 3026 2218 2540 1705 2060 2002 1752 2631 3022 1709 1458 1320 1690 2465 3111
2081 3724 2608 2720 2783 2318 2352 1828 2328 2433 2092 2795 2974 1656 1619 1435 1740 2573
RESISTIVITY
(ohm-m)
GEOLOGICAL SURVEY BRANCH
ASSESSMENT REPORT
28,038
TOTAL FIELD MAGNETICS
(250 nT/cm)
58138 58104 58065 58001 58085 58155 58131 58160 58085 57951 57874 57776 57622 57499 57517 57641 57838 57782 57883 58032 57935 57984 57966 57904 57979 57933 57950 57987 57911 57918 57665 57454 57354 57488 57414 57342 57353 57346 57387 57304 57428 57515 57612 57669 57661
CHARGEABILITY
(msec)
12700 E
12800 E
12900 E
13000 E
13100 E
13200 E
13300 E
13400 E
13500 E
13600 E
13700 E
6.6 6.5 6.4 6.6 6.5 6.3 6.1 6 6.1 6.1 6.1 5.9 6.3 6.8 6.6 6.9 6.9 7.4 7.9 8.4 8.8 9.6 11
n=1
n=2
n=3
n=4
n=5
n=6
6.1 5.4 5.6 6.6 6.6 6.2 5.3 4.9 5.1 4.5 4.5 4.6 5.8 6.4 5.4 5.8 5.5 5.9 6.1 6.4 6.6 8.5 12
6.8 6.5 6.1 6.8 6.5 5.8 5.7 4.9 5.5 5.6 5.4 4.8 6.3 6.7 6.3 6.5 5.7 6.6 7.5 8.1 8.5 11
7 6.8 6 6.6 6.1 6 5.9 5.6 6.2 6.4 5.8 5.4 6.6 7.1 6.3 6.5 6.5 7.7 8.2 9.4 10
7.2 7.1 5.9 6.3 6.3 6.2 6.7 6.2 6.9 4.6 6.8 5.6 7.3 7.4 6.5 7.4 7.2 11 10 11
7.1 6.9 5.9 6.6 6.2 6.5 6.9 6.8 7.1 7.7 6.6 6.3 7.8 8.3 7.1 8.9 7.7 11 11
7.1 6.9 6.3 6.5 6.7 6.5 7.6 7.6 7.9 7.5 7.5 6.1 8.1 8.1 6.5 10 9 11
CHARGEABILITY
(msec)



7600 N

Pole-Dipole Array



x = 50 M n = 1 - 6

Current electrode EAST of potential dipole

Filter

CONTOUR INTERVALS

RESISTIVITY: 200 ohm-m

CHARGEABILITY: 1.0 msec

Surveyed : July 2005

TX : Huntec Mk II Model 7500

RX : Iris Instruments ELREC-6

Scale 1:2500

25 0 25 50 75 100

(metres)

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Toodoggone Area, BC

INDUCED POLARIZATION PSEUDOSECTION WITH MAGNETIC PROFILE

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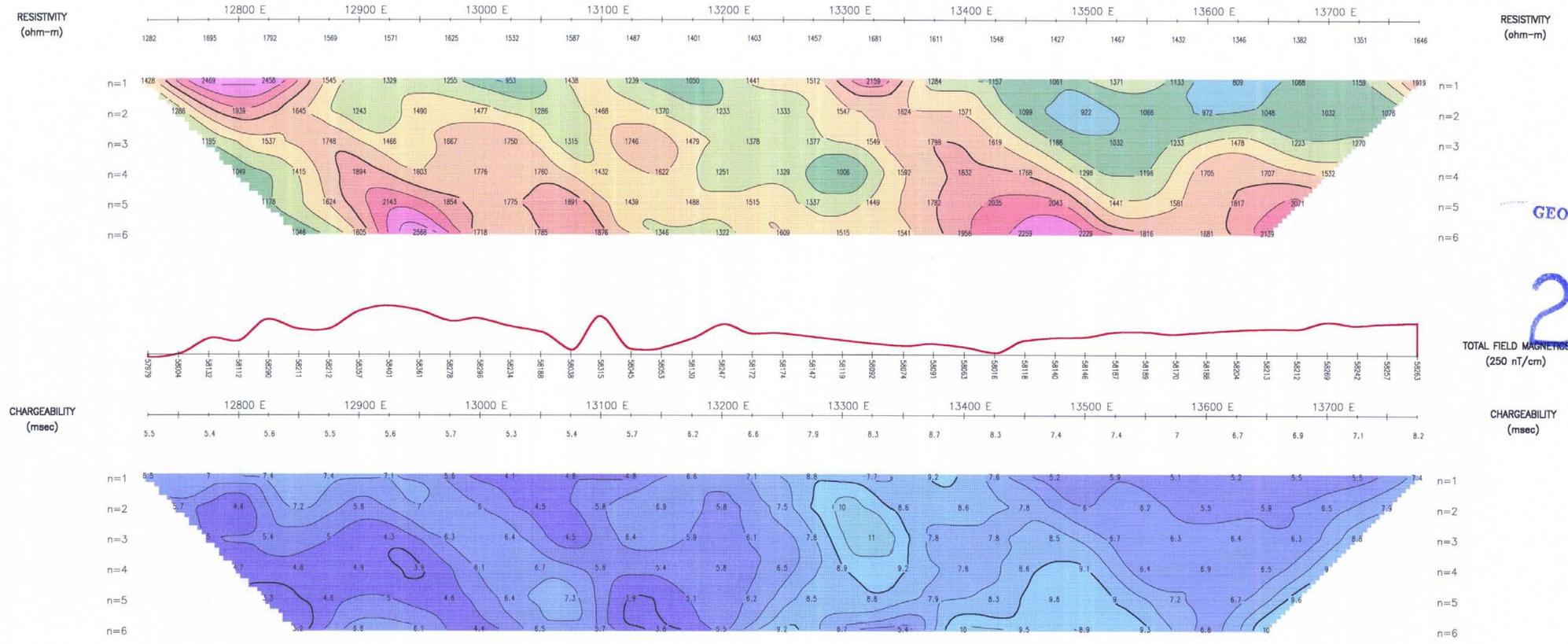
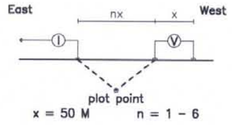
DRAWING NUMBER : 05495-02



7800 N

Pole-Dipole Array



x = 50 M n = 1 - 6

Current electrode EAST of potential dipole

CONTOUR INTERVALS

RESISTIVITY: 200 ohm-m

CHARGEABILITY: 1.0 msec

Surveyed : July 2005

TX : Huntec Mk II Model 7500

RX : Iris Instruments ELREC-6

Scale 1:2500

25 0 25 50 75 100

(metres)

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INDUCED POLARIZATION PSEUDOSECTION WITH MAGNETIC PROFILE

LLOYD GEOPHYSICS INC.

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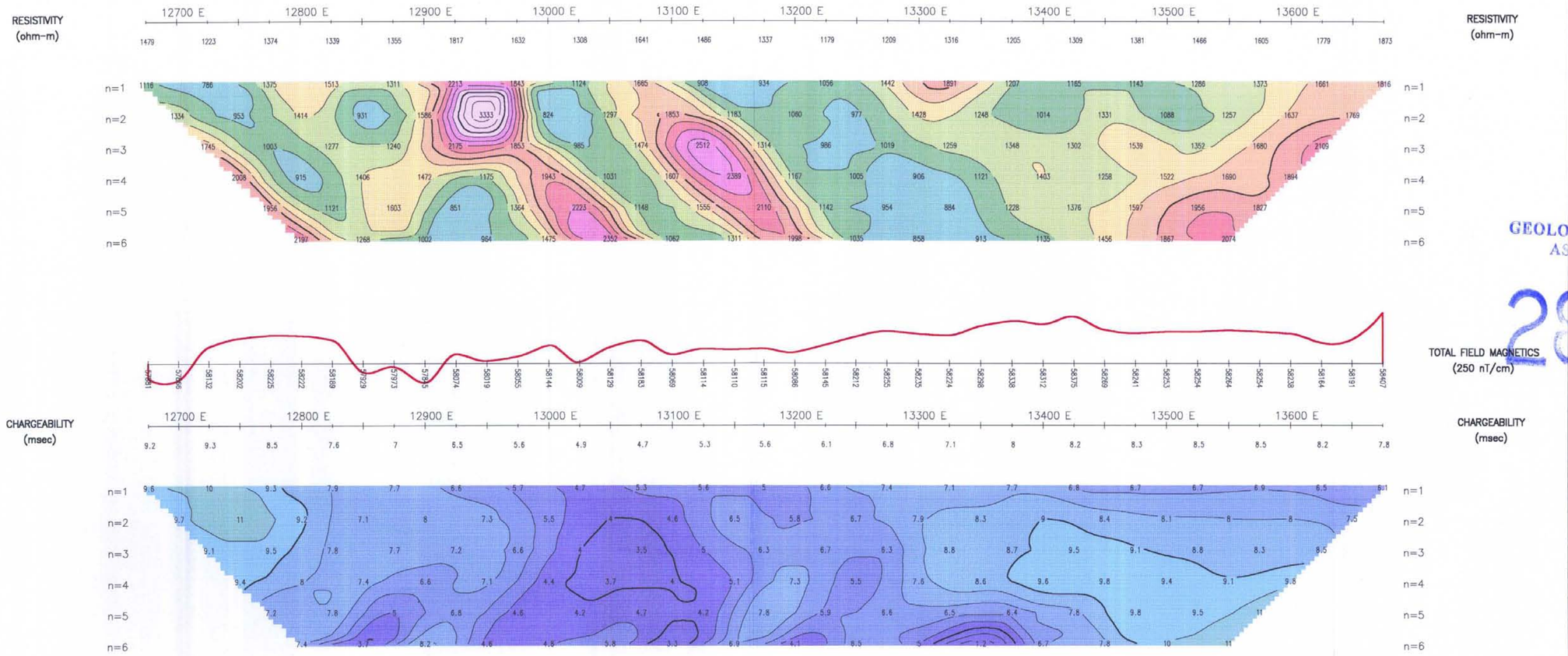
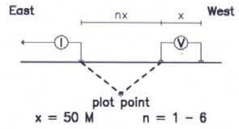


8000 N

Pole-Dipole Array



Current electrode EAST
of potential dipole

Filter

CONTOUR INTERVALS
RESISTIVITY: 200 ohm-m
CHARGEABILITY: 1.0 msec

Surveyed : July 2005

TX : Huntec Mk II Model 7500
RX : Iris Instruments ELREC-6

Scale 1:2500
25 0 25 50 75 100
(metres)

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INDUCED POLARIZATION PSEUDOSECTION
WITH MAGNETIC PROFILE

LLOYD GEOPHYSICS INC.
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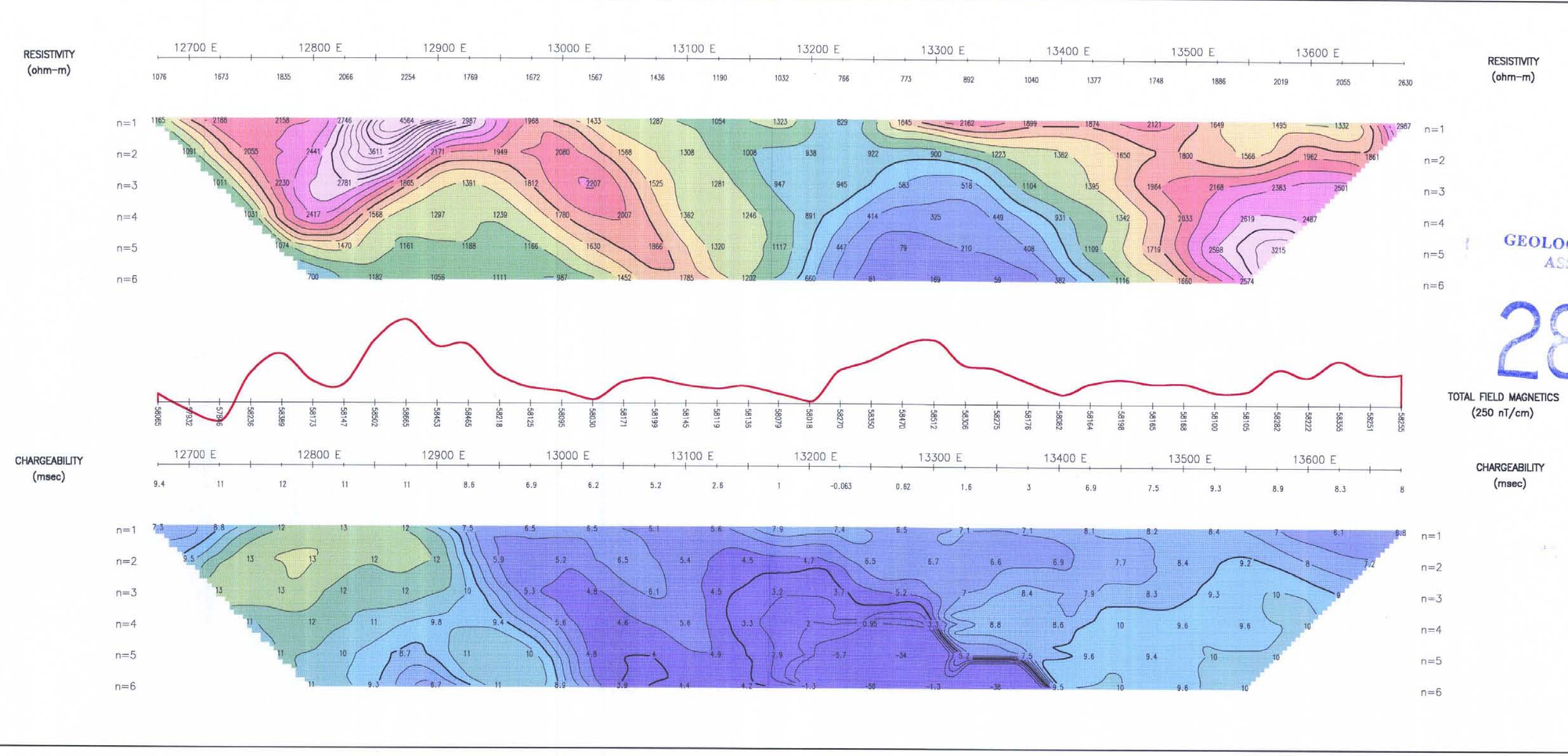
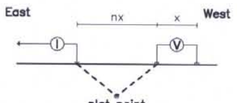


8200 N

Pole-Dipole Array



CONTOUR INTERVALS

RESISTIVITY: 200 ohm-m
CHARGEABILITY: 1.0 msec

Surveyed : July 2005

TX : Huntec Mk II Model 7500
RX : Iris Instruments ELREC-6

Scale 1:2500

25 0 25 50 75 100
(metres)

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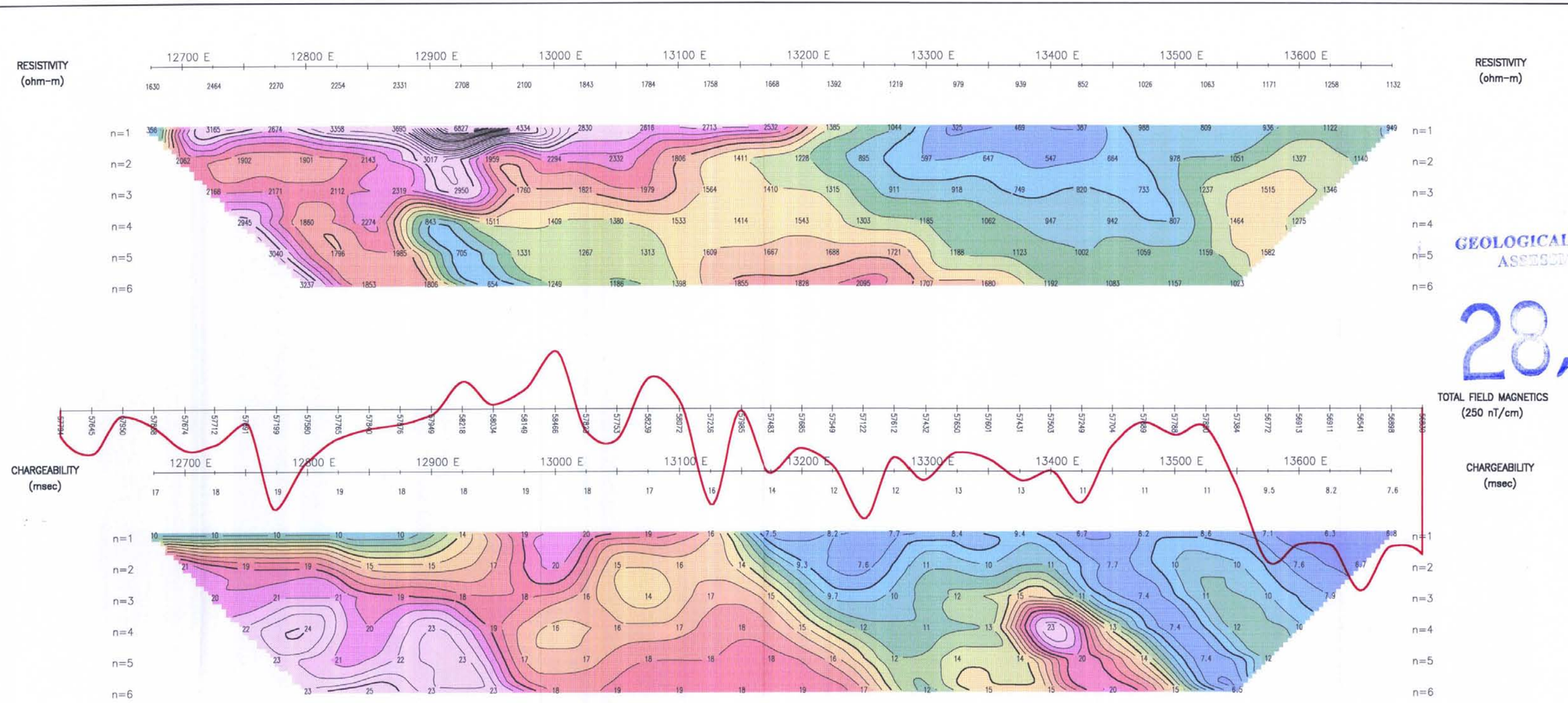
INDUCED POLARIZATION PSEUDOSECTION
WITH MAGNETIC PROFILE

LLOYD GEOPHYSICS INC.
DRAWING NUMBER : 05495-05



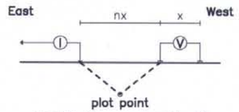
RESISTIVITY
(ohm-m)

TOTAL FIELD MAGNETICS
(250 nT/cm)

CHARGEABILITY
(msec)

8400 N

Pole-Dipole Array



x = 50 M n = 1 - 6

Current electrode EAST of potential dipole

Filter

CONTOUR INTERVALS

RESISTIVITY: 200 ohm-m
CHARGEABILITY: 1.0 msec

Surveyed : July 2005

TX : Huntec Mk II Model 7500
RX : Iris Instruments ELREC-6

Scale 1:2500

25 0 25 50 75 100
(metres)

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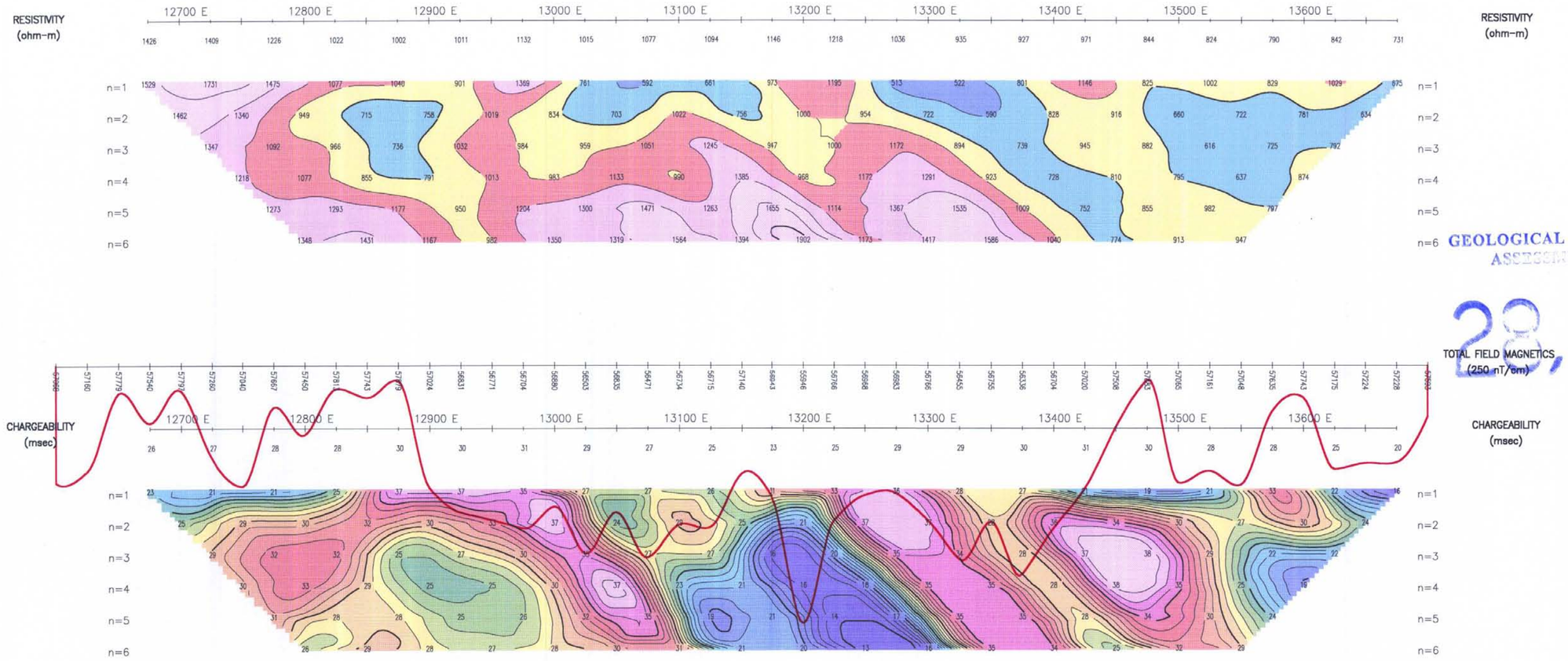
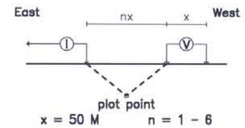
INDUCED POLARIZATION PSEUDOSECTION
WITH MAGNETIC PROFILE

LLOYD GEOPHYSICS INC.
DRAWING NUMBER : 05495-06



8600 N

Pole-Dipole Array



Current electrode EAST of potential dipole

Filter

*
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***
****
*****
******

CONTOUR INTERVALS

RESISTIVITY: 200 ohm-m
CHARGEABILITY: 1.0 msec

Surveyed : July 2005

TX : Huntec Mk II Model 7500
RX : Iris Instruments ELREC-6

Scale 1:2500

25 0 25 50 75 100
(metres)

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Toodoggone Area, BC

INDUCED POLARIZATION PSEUDOSECTION WITH MAGNETIC PROFILE

LLOYD GEOPHYSICS INC.
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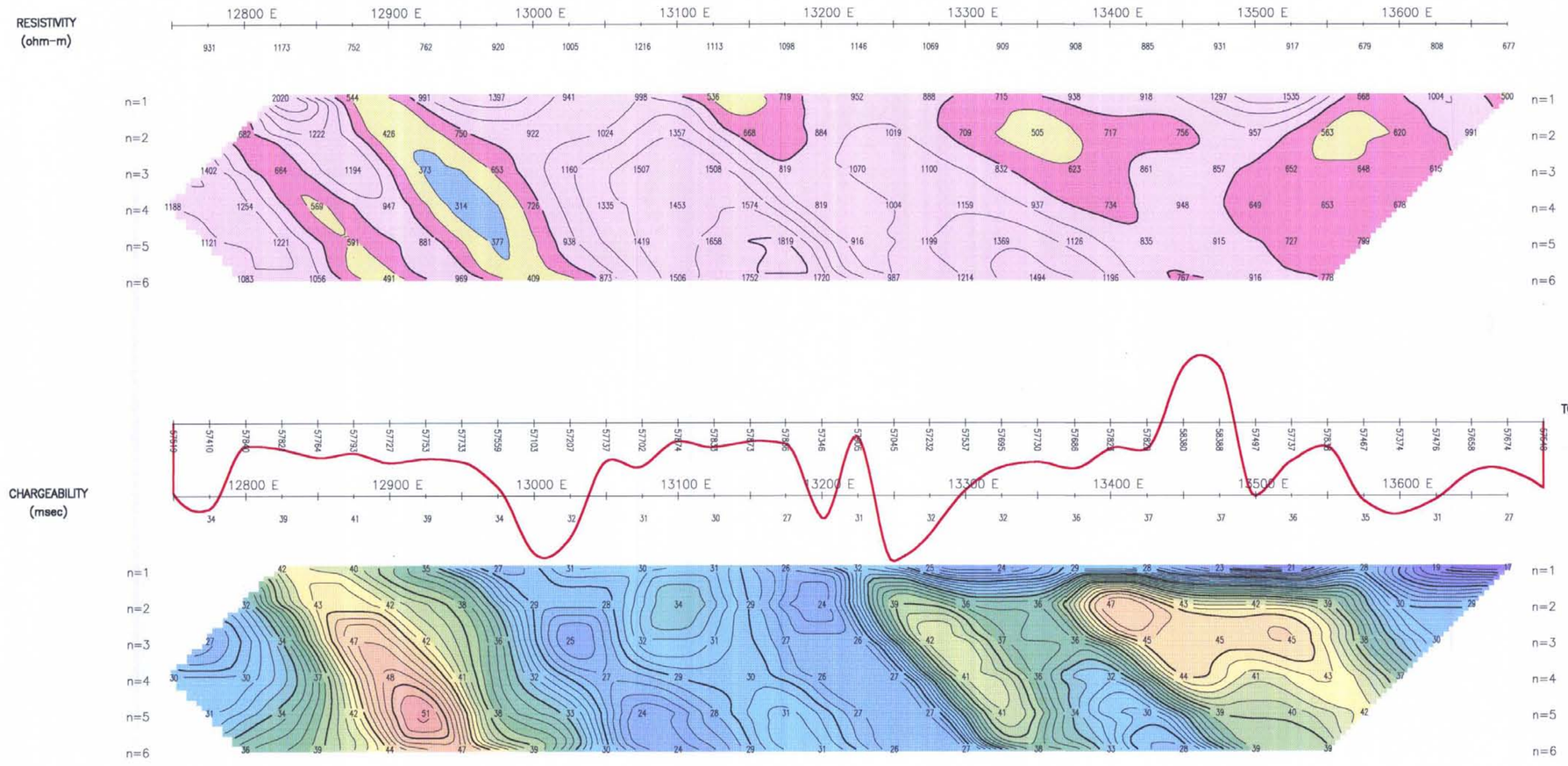
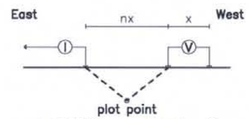


8800 N

Pole-Dipole Array



CONTOUR INTERVALS

RESISTIVITY: 200 ohm-m
CHARGEABILITY: 1.0 msec

Surveyed : July 2005

TX : Huntec Mk II Model 7500
RX : Iris Instruments ELREC-6

Scale 1:2500

25 0 25 50 75 100
(metres)

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Toodoggone Area, BC

INDUCED POLARIZATION PSEUDOSECTION WITH MAGNETIC PROFILE

LLOYD GEOPHYSICS INC.
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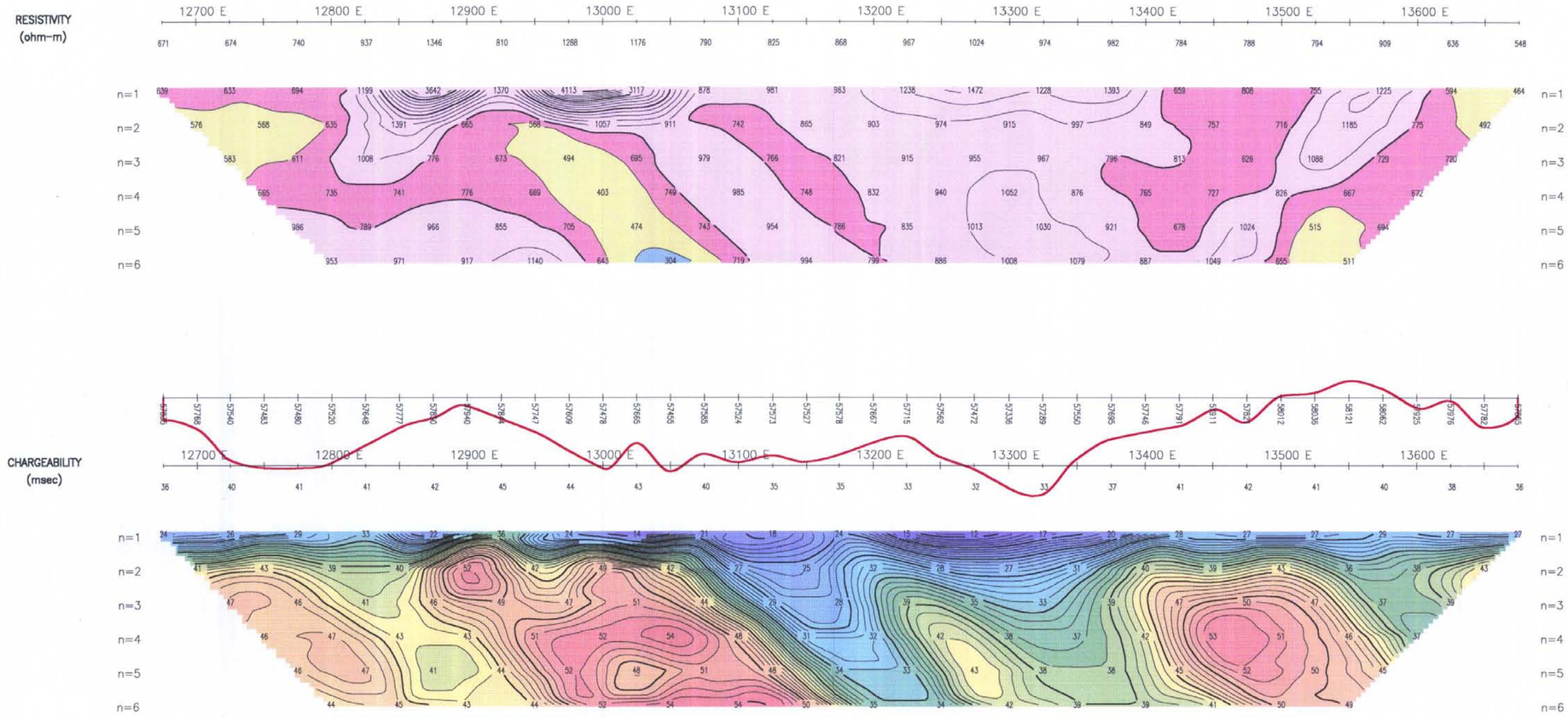
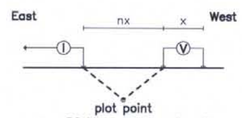


9000 N

Pole-Dipole Array



CONTOUR INTERVALS

RESISTIVITY: 200 ohm-m
CHARGEABILITY: 1.0 msec

Surveyed : July 2005

TX : Huntec Mk II Model 7500
RX : Iris Instruments ELREC-6

Scale 1:2500

25 0 25 50 75 100
(metres)

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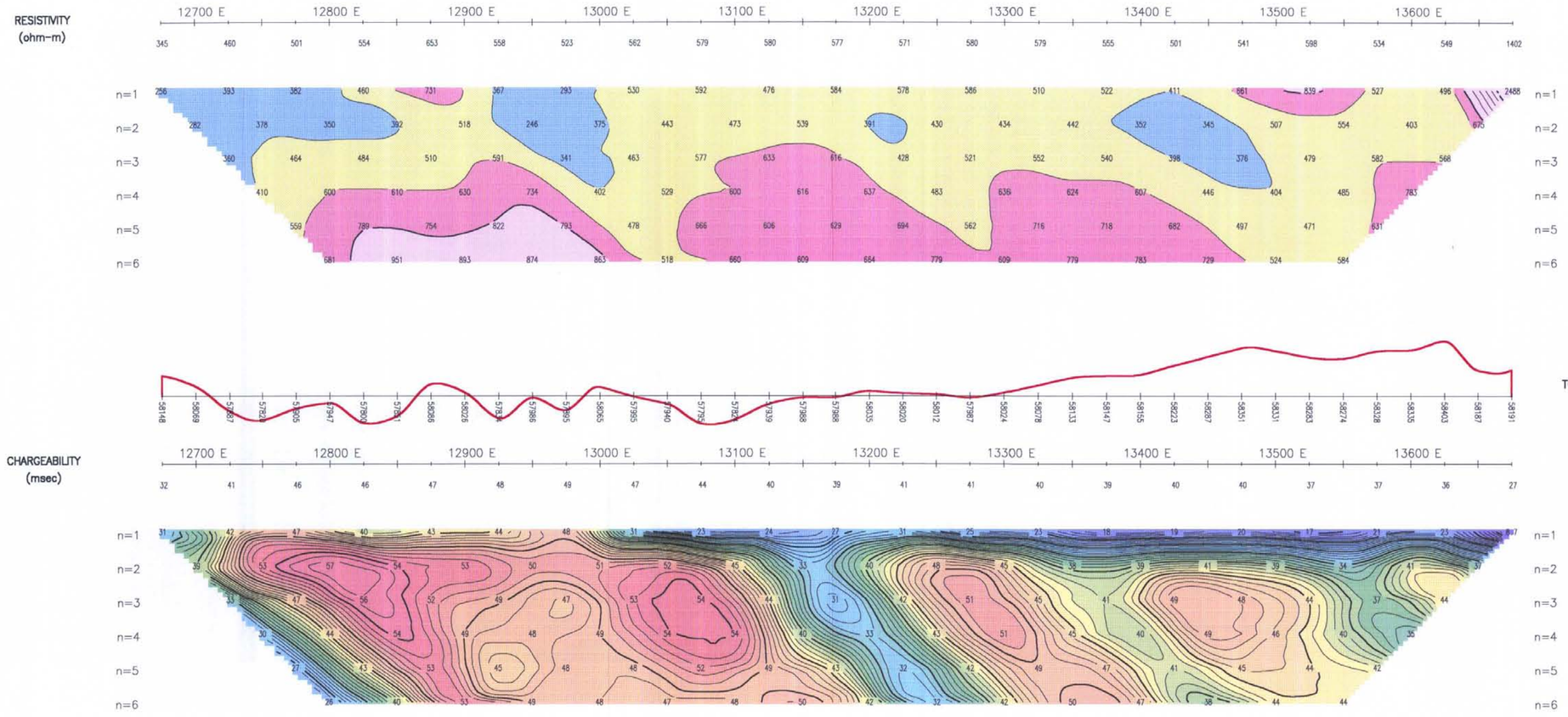
Toodoggone Area, BC

INDUCED POLARIZATION PSEUDOSECTION
WITH MAGNETIC PROFILE

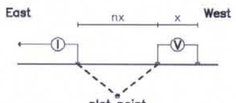
LLOYD GEOPHYSICS INC.
DRAWING NUMBER : 05495-09



RESISTIVITY
(ohm-m)

9200 N

Pole-Dipole Array



x = 50 M n = 1 - 6

Current electrode EAST
of potential dipole

Filter

CONTOUR INTERVALS

RESISTIVITY: 200 ohm-m
CHARGEABILITY: 1.0 msec

Surveyed : July 2005

TX : Huntec Mk II Model 7500
RX : Iris Instruments ELREC-6

Scale 1:2500

25 0 25 50 75 100
(metres)

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Sofia Project
Toodoggone Area, BC

INDUCED POLARIZATION PSEUDOSECTION
WITH MAGNETIC PROFILE

LLOYD GEOPHYSICS INC.
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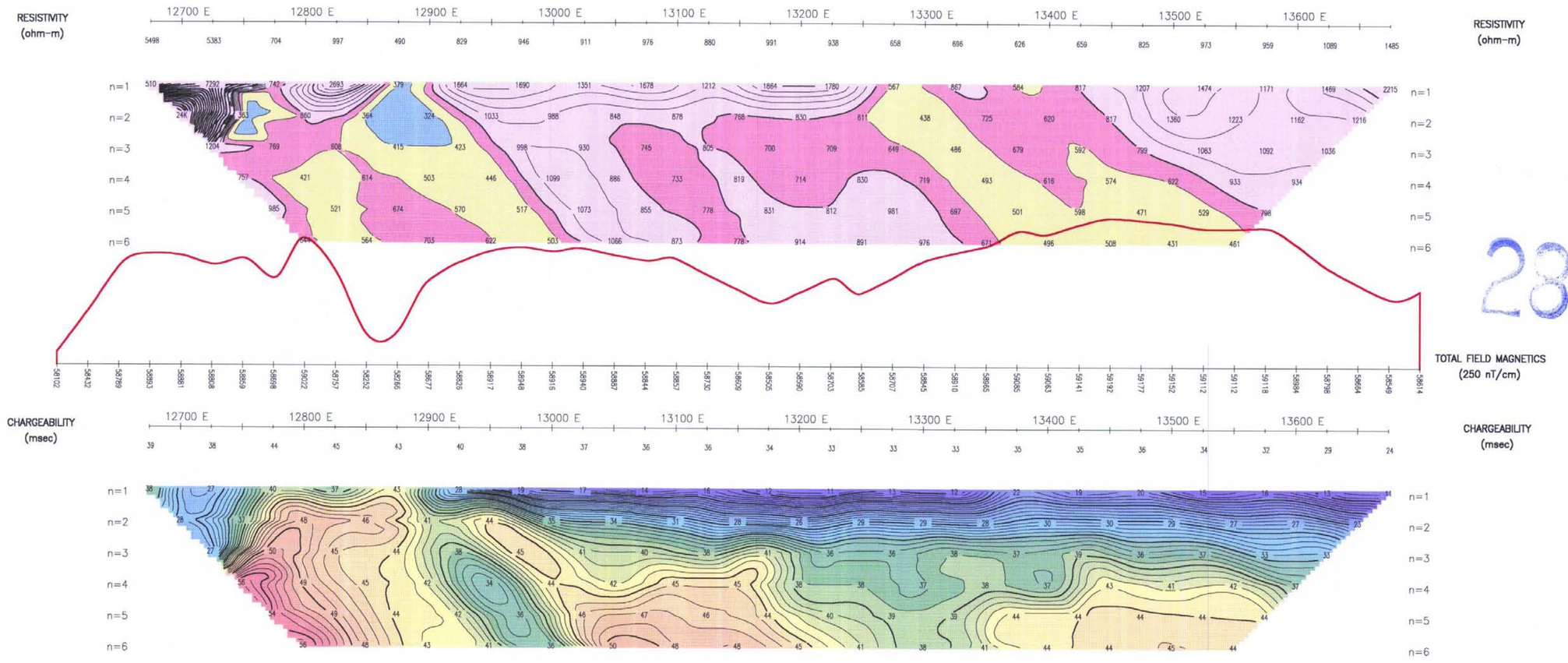
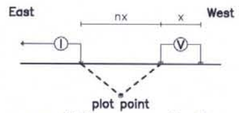


9400 N

Pole-Dipole Array



x = 50 M n = 1 - 6

Current electrode EAST of potential dipole

Filter

28,038

CONTOUR INTERVALS

RESISTIVITY: 200 ohm-m
CHARGEABILITY: 1.0 msec

Surveyed : July 2005

TX : Huntec Mk II Model 7500
RX : Iris Instruments ELREC-6

Scale 1:2500

25 0 25 50 75 100
(metres)

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Sofia Project
Toodoggone Area, BC

INDUCED POLARIZATION PSEUDOSECTION WITH MAGNETIC PROFILE

LLOYD GEOPHYSICS INC.
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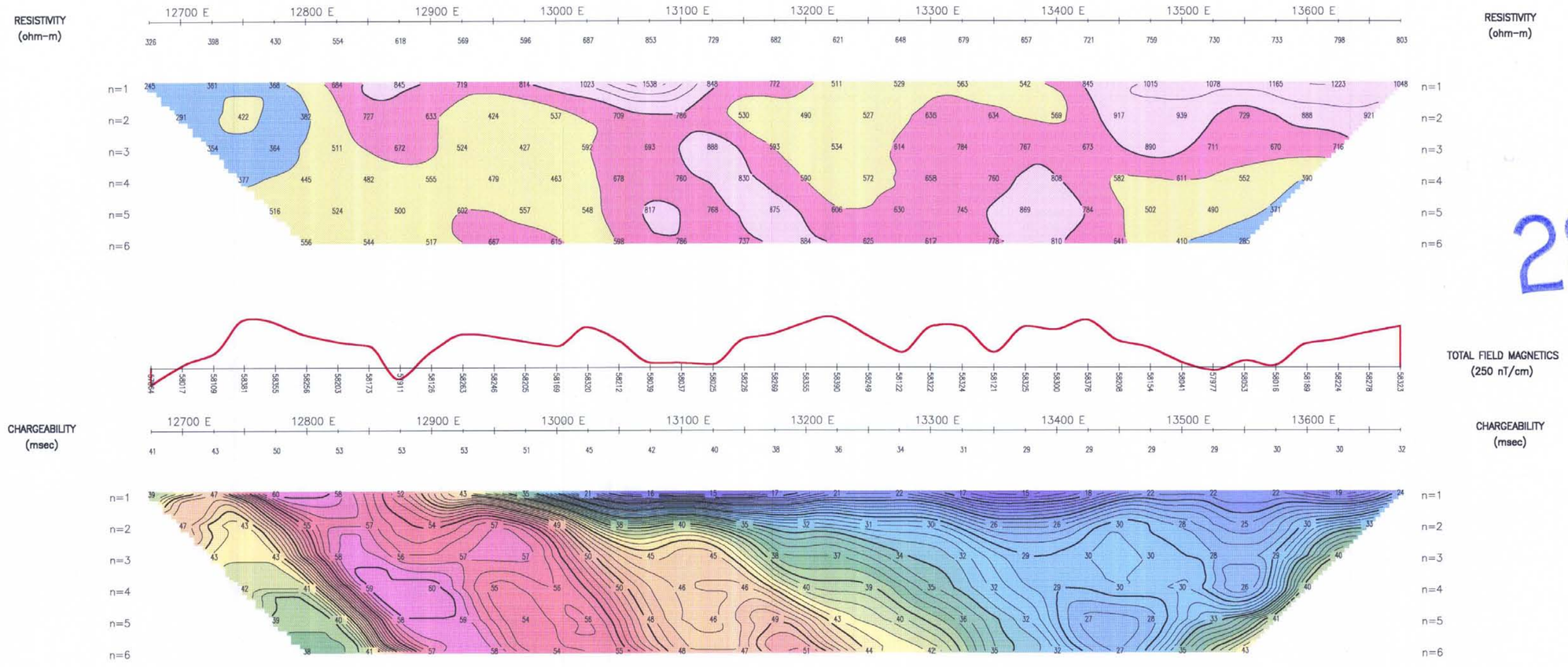
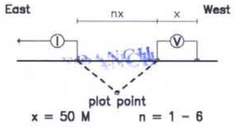


9600 N

Pole-Dipole Array



Filter

CONTOUR INTERVALS

RESISTIVITY: 200 ohm-m
CHARGEABILITY: 1.0 msec

Surveyed : July 2005

TX : Huntec Mk II Model 7500
RX : Iris Instruments ELREC-6

Scale 1:2500

25 0 25 50 75 100
(metres)

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Sofia Project
Toodoggone Area, BC

INDUCED POLARIZATION PSEUDOSECTION
WITH MAGNETIC PROFILE

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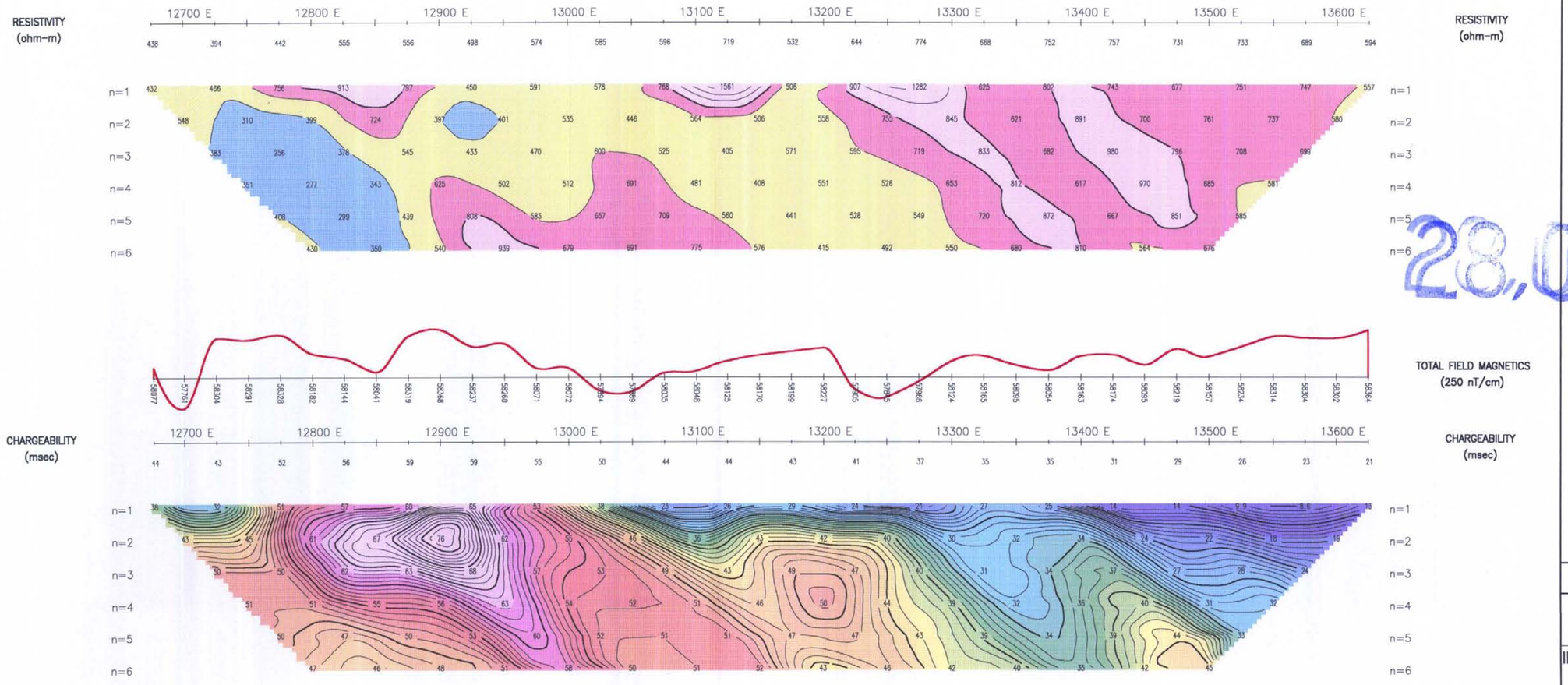
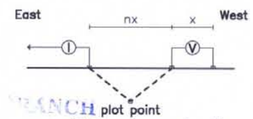


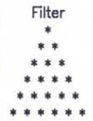
9800 N

Pole-Dipole Array



Current electrode EAST of potential dipole

Filter



28,038

CONTOUR INTERVALS

RESISTIVITY: 200 ohm-m
CHARGEABILITY: 1.0 msec

Surveyed : July 2005

TX : Huntec Mk II Model 7500
RX : Iris Instruments ELREC-6

Scale 1:2500

25 0 25 50 75 100
(metres)

STEALTH MINERALS LTD.

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Toodoggone Area, BC

INDUCED POLARIZATION PSEUDOSECTION WITH MAGNETIC PROFILE

LLOYD GEOPHYSICS INC.
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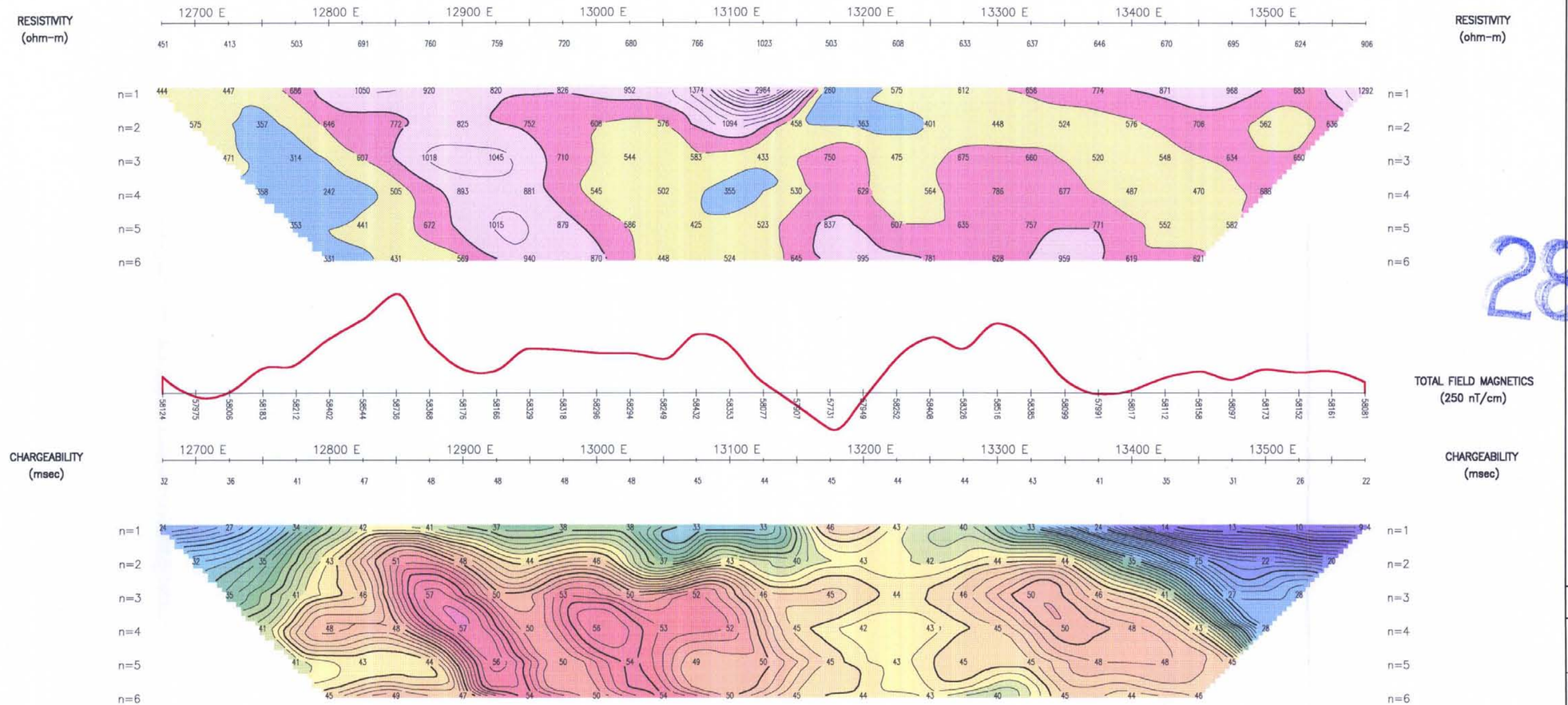
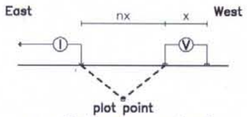


10000 N

Pole-Dipole Array



x = 50 M, n = 1 - 6

Current electrode EAST of potential dipole

Filter

28,038

CONTOUR INTERVALS

RESISTIVITY: 200 ohm-m
CHARGEABILITY: 1.0 msec

Surveyed : July 2005

TX : Huntec Mk II Model 7500
RX : Iris Instruments ELREC-6

Scale 1:2500

25 0 25 50 75 100
(metres)

STEALTH MINERALS LTD.

Sofia Project
Toodoggone Area, BC

INDUCED POLARIZATION PSEUDOSECTION WITH MAGNETIC PROFILE

LLOYD GEOPHYSICS INC.
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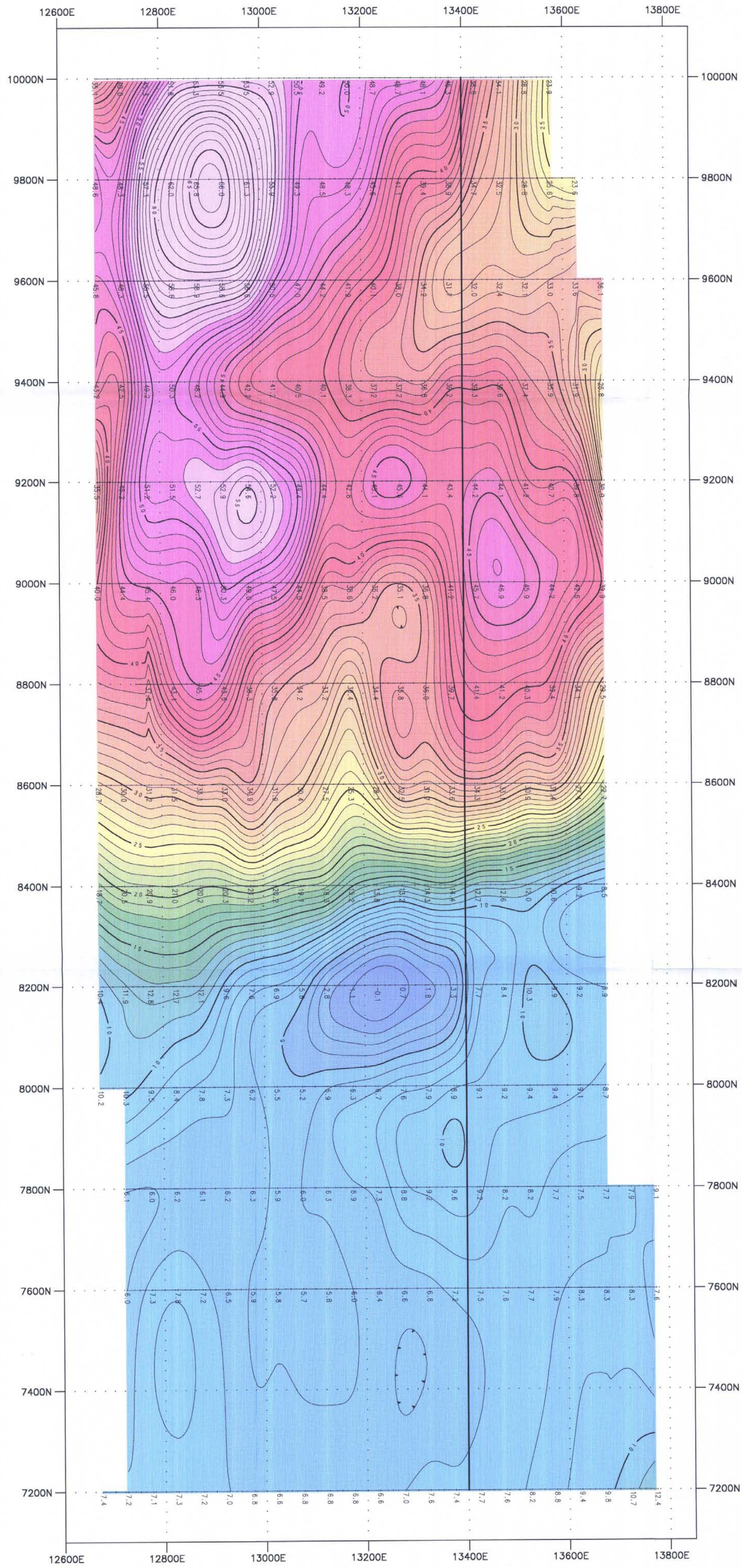
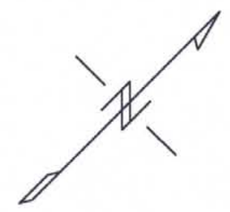




LEGEND

CONTOUR INTERVALS

1 msec

5 msec

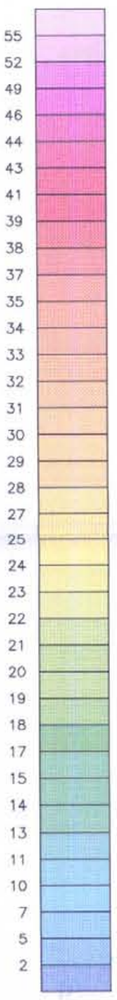
Station Interval: 50 metres

Current Electrode EAST of Potential Dipole

INSTRUMENTS

Iris Instruments ELREC-6 Receiver

Huntec Mark II Transmitter



Scale 1:5000

50 0 50 100 150 200 250 300 350

(metres)

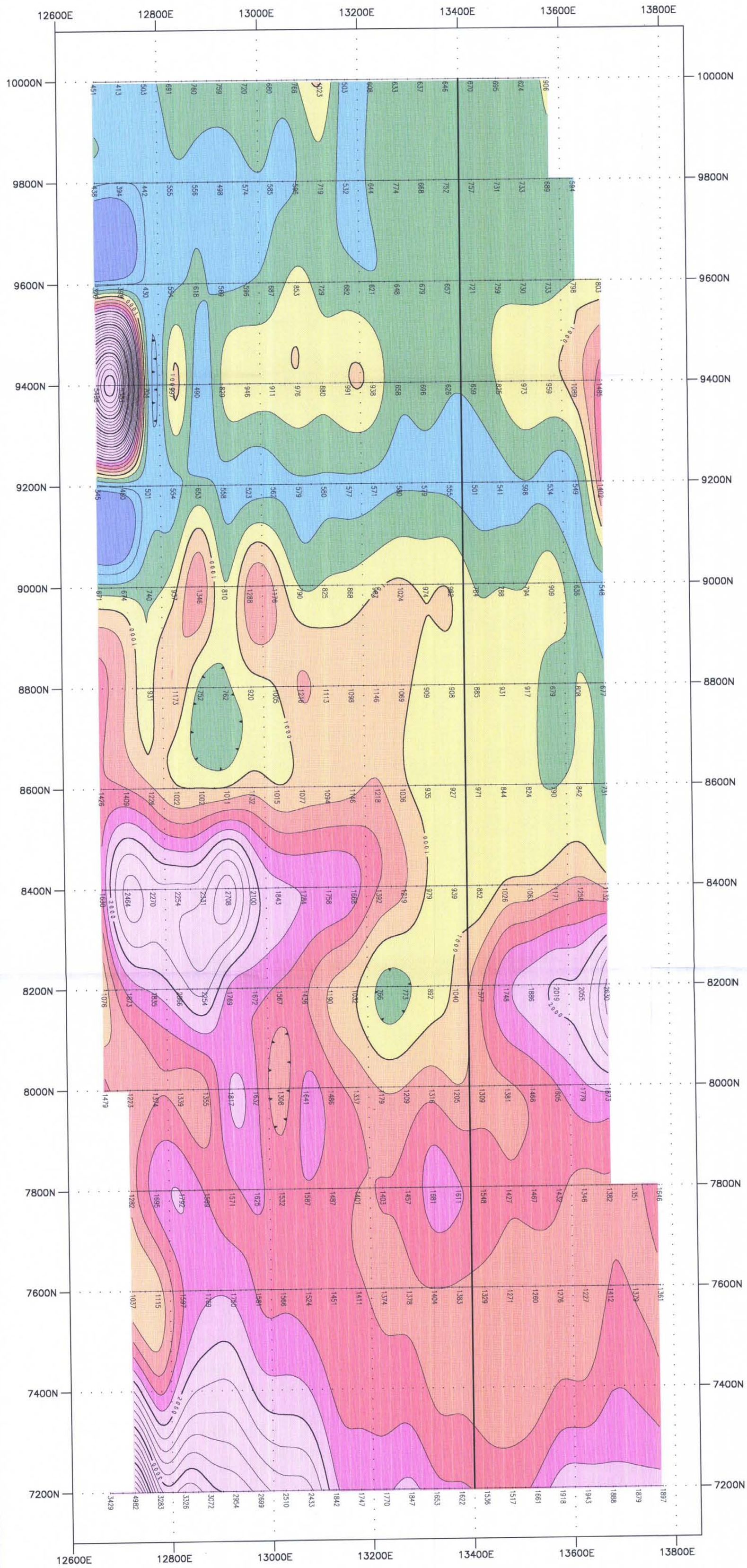
STEALTH MINERALS LTD.

Sofia Property
Toodoggone Area,BC

FILTERED CHARGEABILITY

Scale 1:5000 Drawing No: 05495-15

LLOYD GEOPHYSICS INC.



LEGEND

CONTOUR INTERVALS

200 ohm-m

1000 ohm-m

Station Interval: 50 metres

Current Electrode EAST of Potential Dipole

INSTRUMENTS

Iris Instruments ELREC-6 Receiver

Huntec Mark II Transmitter

2000
1800
1600
1400
1200
1000
800
600
400
200
ohm-m

Scale 1:5000

50 0 50 100 150 200 250 300 350

(metres)

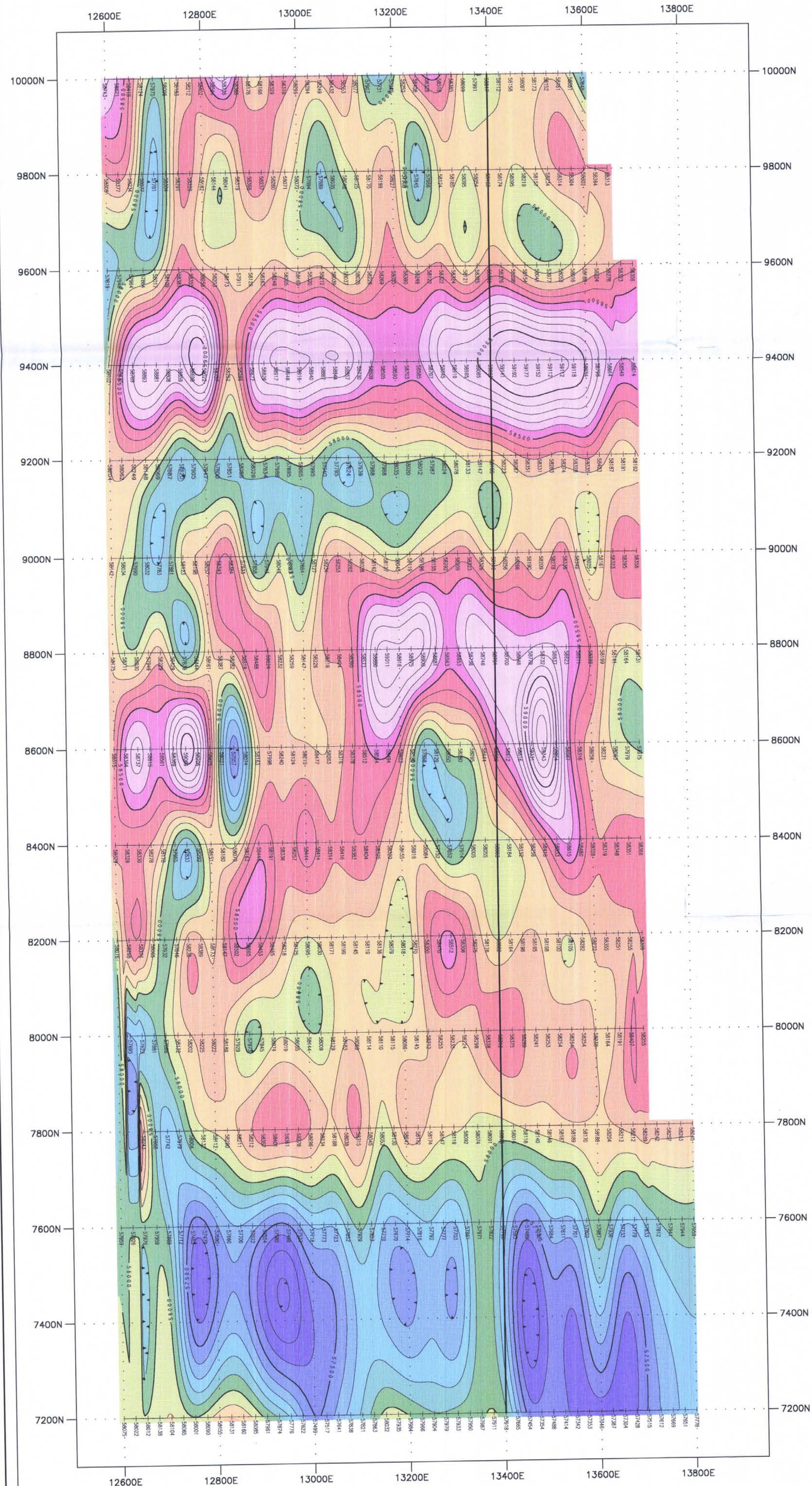
STEALTH MINERALS LTD.

Sofia Property
Toodoggone Area,BC

FILTERED RESISTIVITY

Scale 1:5000 Drawing No: 05495-16

LLOYD GEOPHYSICS INC.



LEGEND

CONTOUR INTERVALS

100 nT

500 nT

Station Separation: 25 metres
Magnetic Reading Duration: 2 seconds

INSTRUMENT

SCINTREX ENVI MAGNETOMETER SYSTEM

58700
58600
58500
58400
58300
58200
58100
58000
57900
57800
57700
57600
57500
57400
nT

Scale 1:5000

100 0 100 200 300
(metres)

STEALTH MINERALS LTD.

Sofia Property
Toodoggone Area,BC

TOTAL FIELD MAGNETICS

Scale 1:5000 Drawing No: 05495-17

LLOYD GEOPHYSICS INC.