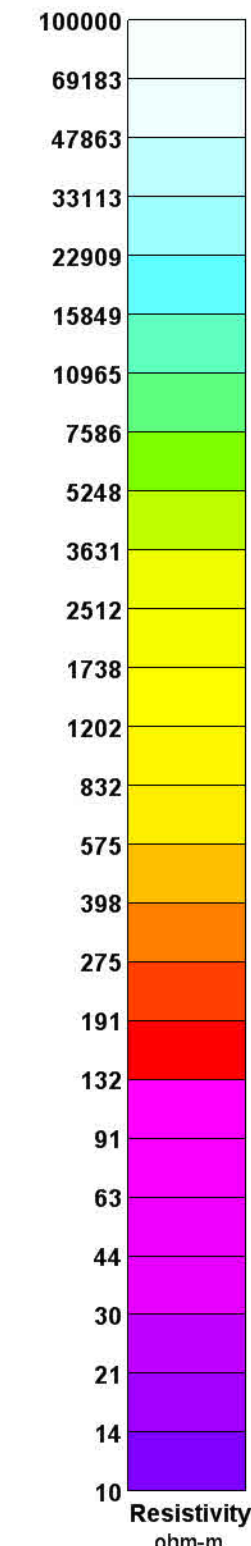
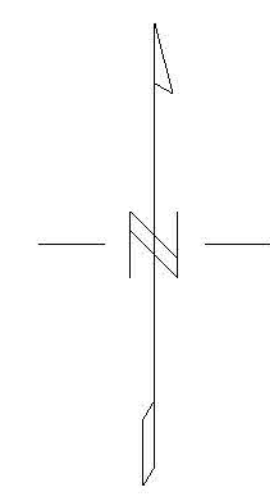
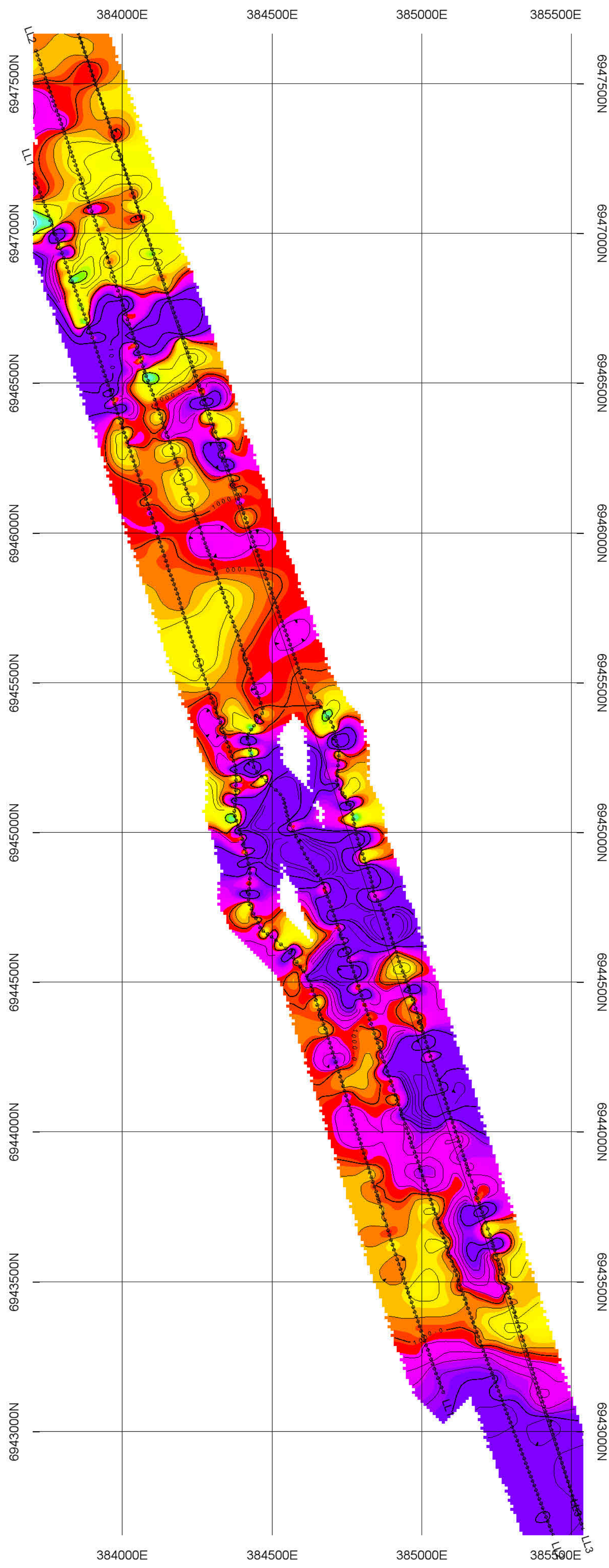


# 2D RESISTIVITY (Elev=900m) - Smooth DC Resistivity



### SURVEY SPECIFICATIONS:

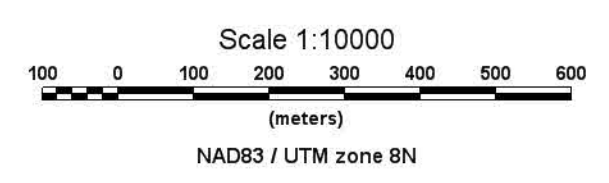
Quantec TITAN-24 Distributed Array System  
 Coordinate System: Mine Grid Coordinates  
 Dipole Spacing: metres Array: Pole-dipole  
 Operators: J. Violette & K. Mokubung


### PROCESSING HISTORY:

Data Acquisition: Full Waveform Sampling (240 samples/s)  
 Time-Series Processing: Robust Statistics  
 Processing Platform: QGI Quicklay(tm)  
 Inversion: Unconstrained Smooth UBC 2D DC  
 UBC Model misfit: Converges to Npts, Max 100 iters

### PLOTTING PARAMETERS:

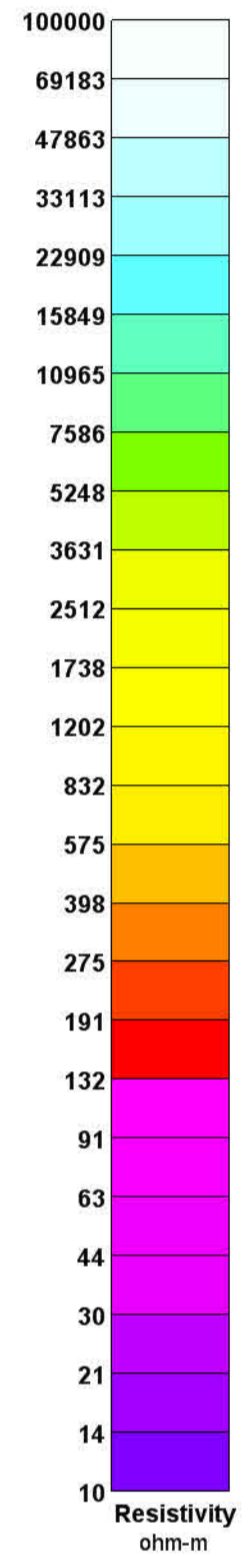
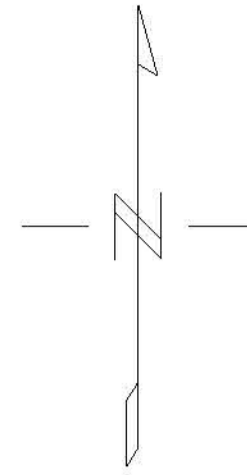
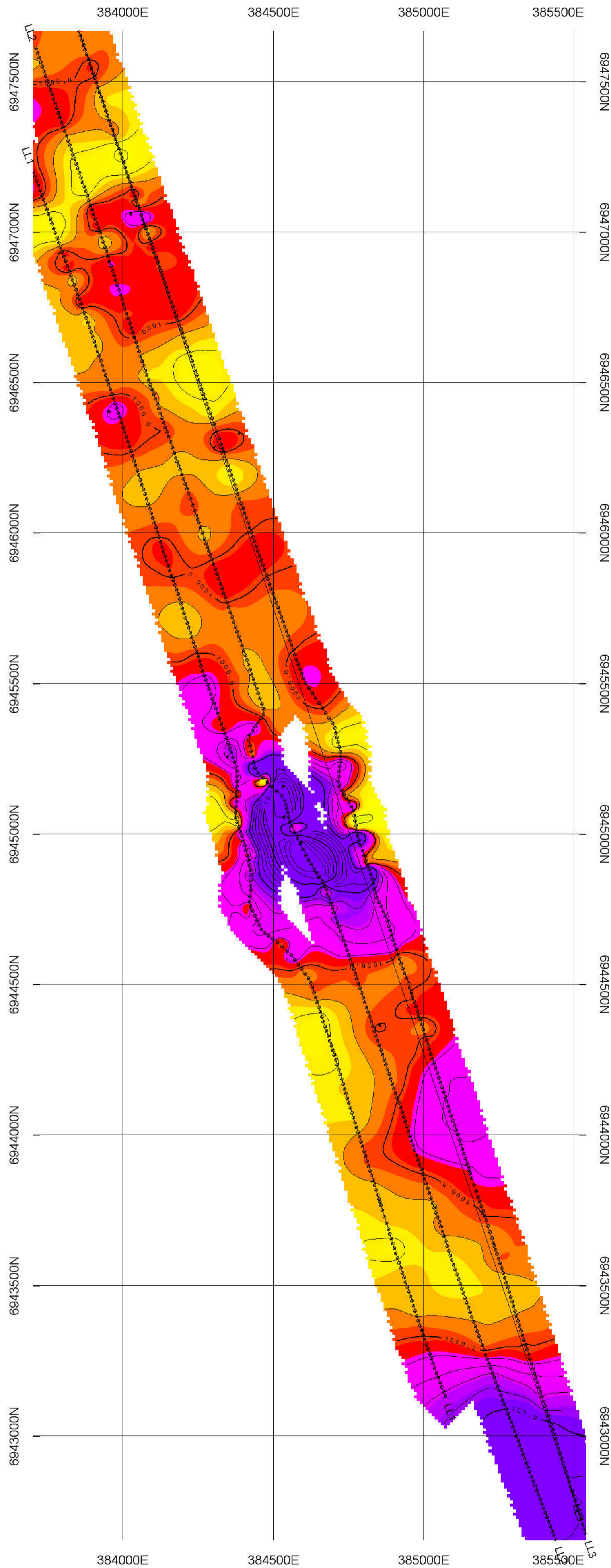
Grid Cell Size: 10 metres  
 Gridding: Minimum Curvature Gridding  
 Filter Applied: OX Hanning Filter  
 Contours: Logarithmic (5 levels/dec)  
 Colour Zoning: Equal Area (Resis.tbl)



<b>Capstone Mining Corp.</b>		
Minto Mine Yukon, Canada		
<b>2D RESISTIVITY (Elev=900m)</b>		
TITAN-24 ARRAY DC RESISTIVITY / IP SURVEY		
Smooth DC Resistivity		
		Surveyed & Processed by: Quantec Geoscience Ltd. 116 Spadina Ave, Suite 400 Toronto, ON M5V 2K6
Date: July 2009	Project Ref. #: CA00656T	Approved by: KK



# 2D RESISTIVITY (Elev=800m) - Smooth DC Resistivity



### SURVEY SPECIFICATIONS:

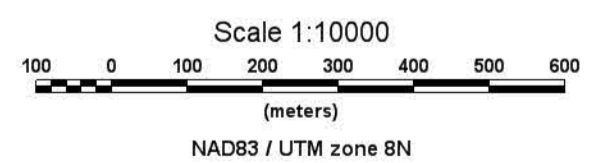
Quantec TITAN-24 Distributed Array System  
 Coordinate System: Mine Grid Coordinates  
 Dipole Spacing: metres Array: Pole-dipole  
 Operators: J. Violette & K. Mokubung

### PROCESSING HISTORY:

Data Acquisition: Full Waveform Sampling (240 samples/s)  
 Time-Series Processing: Robust Statistics  
 Processing Platform: QGI Quicklay(tm)  
 Inversion: Unconstrained Smooth UBC 2D DC  
 UBC Model misfit: Converges to Npts, Max 100 iters

### PLOTTING PARAMETERS:

Grid Cell Size: 10 metres  
 Gridding: Minimum Curvature Gridding  
 Filter Applied: 0X Hanning Filter  
 Contours: Logarithmic (5 levels/dec)  
 Colour Zoning: Equal Area (Resis.tbl)



**Capstone Mining Corp.**

**Minto Mine**  
 Yukon, Canada  
**2D RESISTIVITY (Elev=800m)**  
 TITAN-24 ARRAY DC RESISTIVITY / IP SURVEY  
 Smooth DC Resistivity



Surveyed & Processed by:  
 Quantec Geoscience Ltd.  
 116 Spadina Ave, Suite 400  
 Toronto, ON M5V 2K6

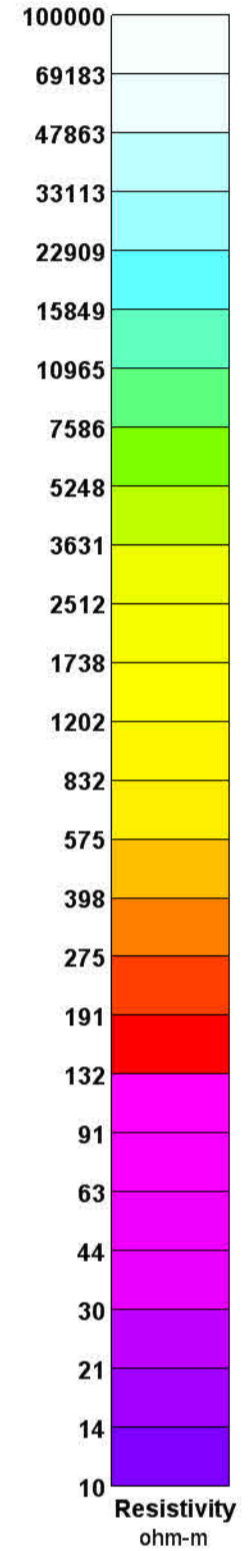
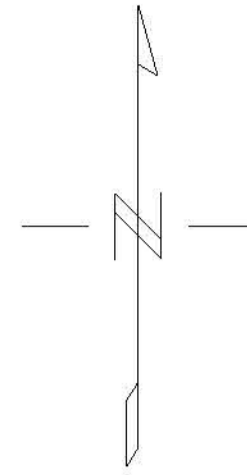
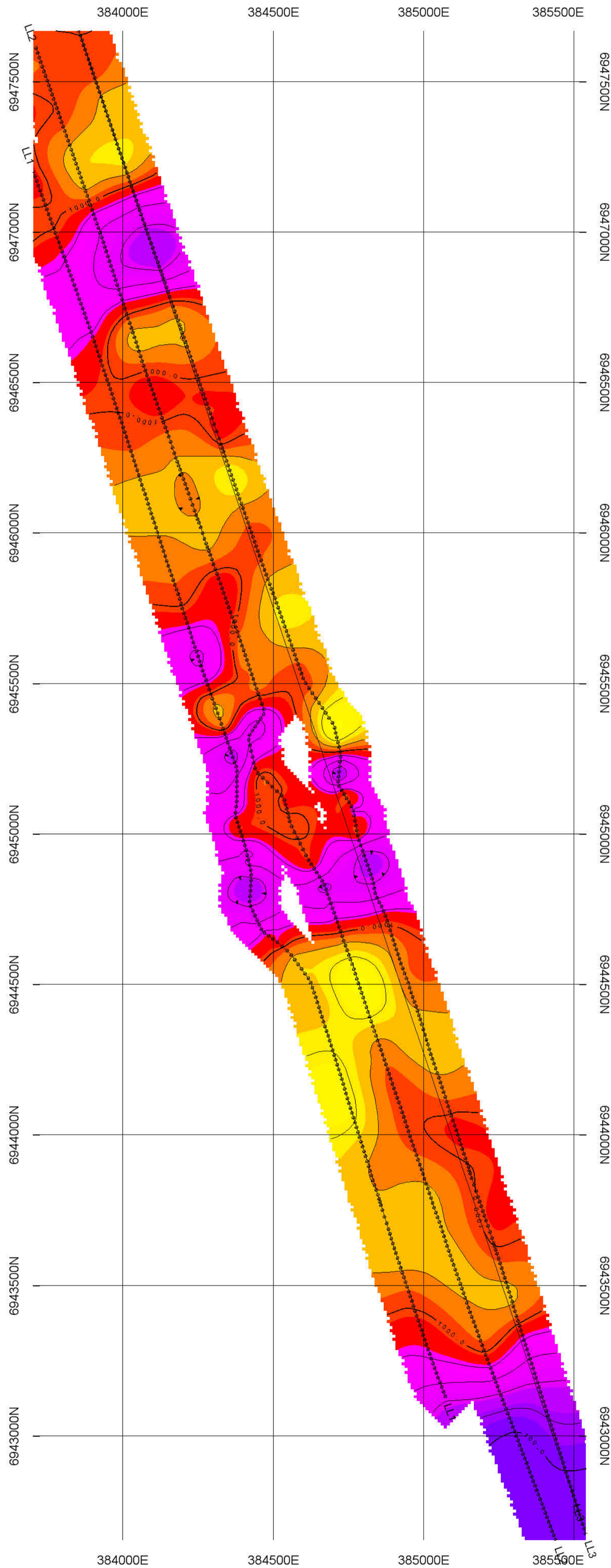
Date: July 2009

Project Ref. #: CA00656T

Approved by: KK



# 2D RESISTIVITY (Elev=700m) - Smooth DC Resistivity



## SURVEY SPECIFICATIONS:

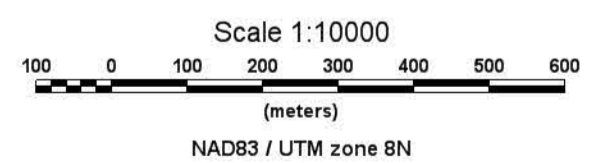
Quantec TITAN-24 Distributed Array System  
 Coordinate System: Mine Grid Coordinates  
 Dipole Spacing: metres Array: Pole-dipole  
 Operators: J. Violette & K. Mokubung

## PROCESSING HISTORY:

Data Acquisition: Full Waveform Sampling (240 samples/s)  
 Time-Series Processing: Robust Statistics  
 Processing Platform: QGI Quicklay(tm)  
 Inversion: Unconstrained Smooth UBC 2D DC  
 UBC Model misfit: Converges to Npts, Max 100 iters

## PLOTTING PARAMETERS:

Grid Cell Size: 10 metres  
 Gridding: Minimum Curvature Gridding  
 Filter Applied: OX Hanning Filter  
 Contours: Logarithmic (5 levels/dec)  
 Colour Zoning: Equal Area (Resis.tbl)



**Capstone Mining Corp.**

**Minto Mine**  
 Yukon, Canada  
**2D RESISTIVITY (Elev=700m)**  
 TITAN-24 ARRAY DC RESISTIVITY / IP SURVEY  
 Smooth DC Resistivity



Surveyed & Processed by:  
 Quantec Geoscience Ltd.  
 116 Spadina Ave, Suite 400  
 Toronto, ON M5V 2K6

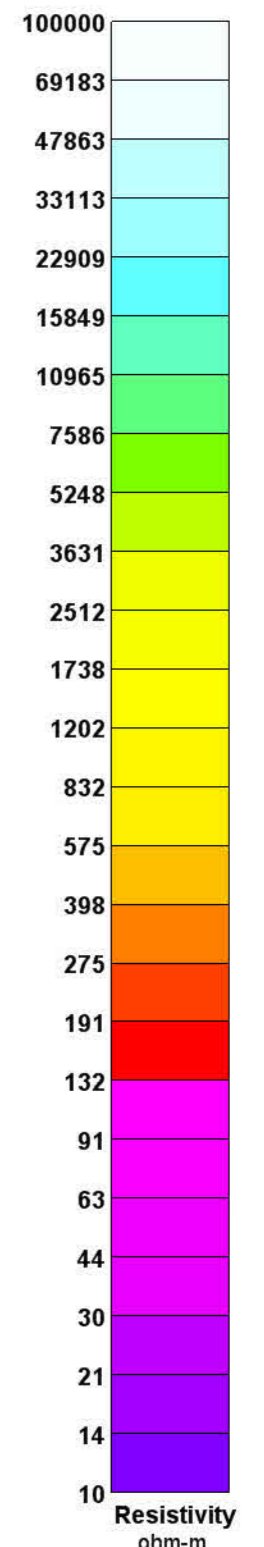
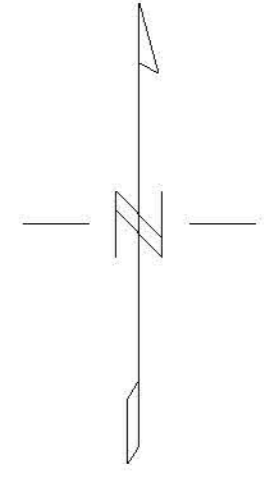
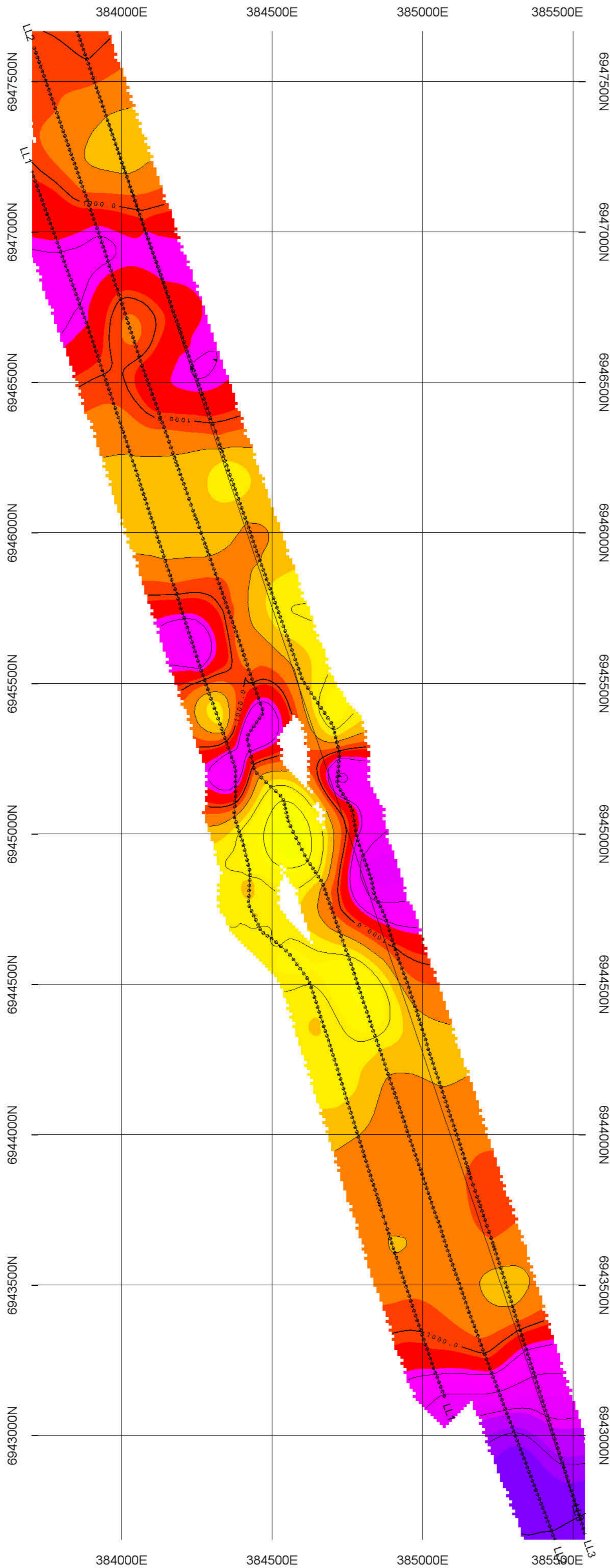
Date: July 2009

Project Ref. #: CA00656T

Approved by: KK



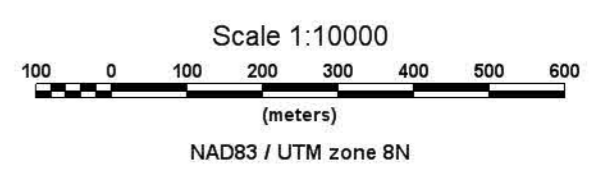
# 2D RESISTIVITY (Elev=600m) - Smooth DC Resistivity



**SURVEY SPECIFICATIONS:**  
 Quantec TITAN-24 Distributed Array System  
 Coordinate System: Mine Grid Coordinates  
 Dipole Spacing: metres Array: Pole-dipole  
 Operators: J. Violette & K. Mokubung

**PROCESSING HISTORY:**  
 Data Acquisition: Full Waveform Sampling (240 samples/s)  
 Time-Series Processing: Robust Statistics  
 Processing Platform: QGI Quicklay(tm)  
 Inversion: Unconstrained Smooth UBC 2D DC  
 UBC Model misfit: Converges to Npts, Max 100 iters

**PLOTTING PARAMETERS:**  
 Grid Cell Size: 10 metres  
 Gridding: Minimum Curvature Gridding  
 Filter Applied: 0X Hanning Filter  
 Contours: Logarithmic (5 levels/dec)  
 Colour Zoning: Equal Area (Resis.tbl)



**Capstone Mining Corp.**

Minto Mine  
 Yukon, Canada

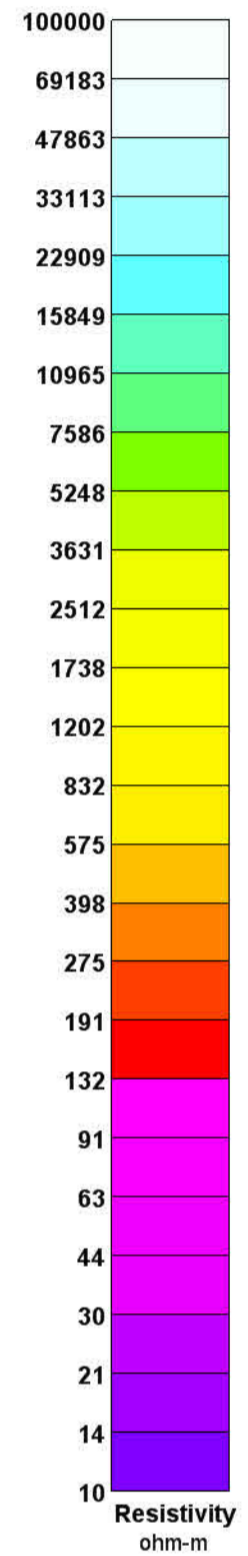
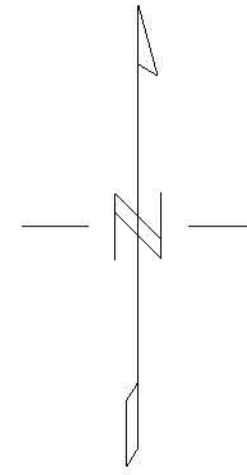
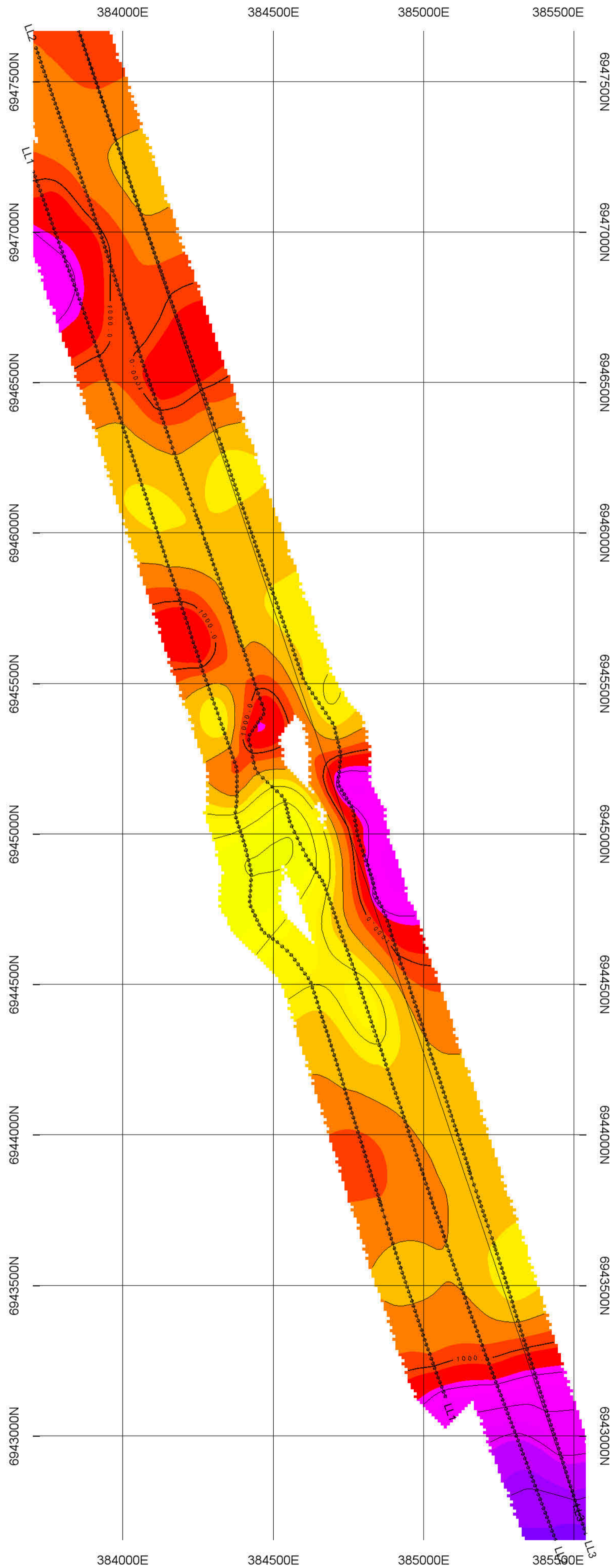
**2D RESISTIVITY (Elev=600m)**  
 TITAN-24 ARRAY DC RESISTIVITY / IP SURVEY  
 Smooth DC Resistivity


Surveyed & Processed by:  
 Quantec Geoscience Ltd.  
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 Toronto, ON M5V 2K6

Date: July 2009      Project Ref. #: CA00656T      Approved by: KK



# 2D RESISTIVITY (Elev=500m) - Smooth DC Resistivity



## SURVEY SPECIFICATIONS:

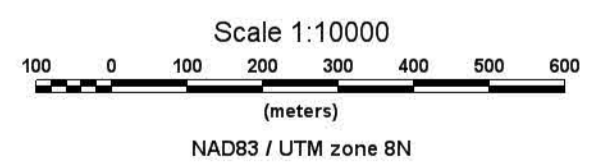
Quantec TITAN-24 Distributed Array System  
 Coordinate System: Mine Grid Coordinates  
 Dipole Spacing: metres Array: Pole-dipole  
 Operators: J. Violette & K. Mokubung

## PROCESSING HISTORY:

Data Acquisition: Full Waveform Sampling (240 samples/s)  
 Time-Series Processing: Robust Statistics  
 Processing Platform: QGI Quicklay(tm)  
 Inversion: Unconstrained Smooth UBC 2D DC  
 UBC Model misfit: Converges to Npts, Max 100 iters

## PLOTTING PARAMETERS:

Grid Cell Size: 10 metres  
 Gridding: Minimum Curvature Gridding  
 Filter Applied: 0X Hanning Filter  
 Contours: Logarithmic (5 levels/dec)  
 Colour Zoning: Equal Area (Resis.tbl)



**Capstone Mining Corp.**

Minto Mine  
 Yukon, Canada

**2D RESISTIVITY (Elev=500m)**

TITAN-24 ARRAY DC RESISTIVITY / IP SURVEY

Smooth DC Resistivity



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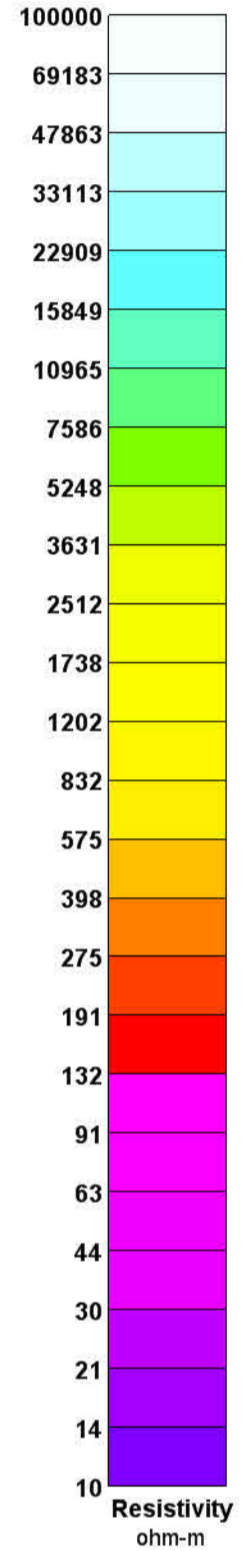
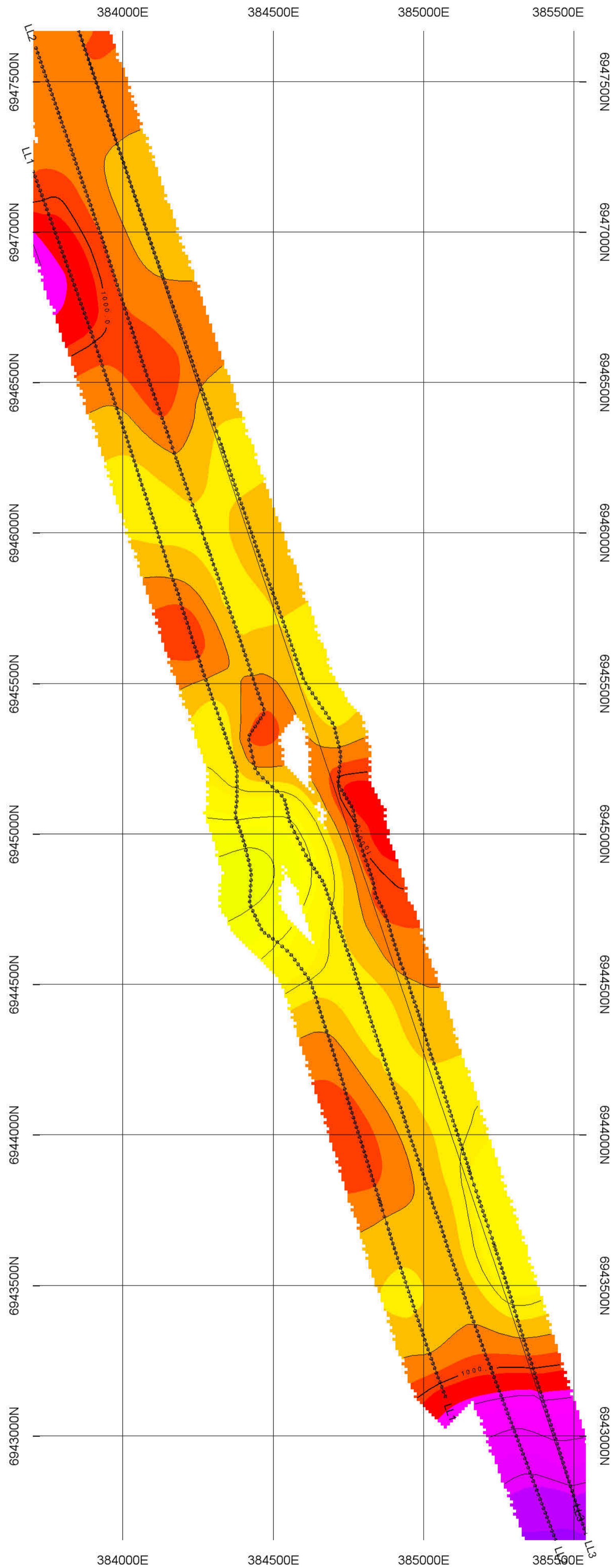
Date: July 2009

Project Ref. #: CA00656T

Approved by: KK



# 2D RESISTIVITY (Elev=400m) - Smooth DC Resistivity



### SURVEY SPECIFICATIONS:

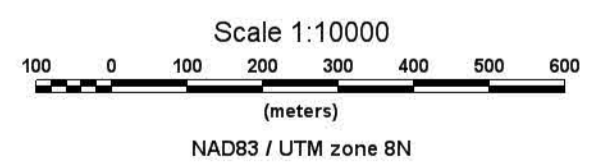
Quantec TITAN-24 Distributed Array System  
 Coordinate System: Mine Grid Coordinates  
 Dipole Spacing: metres Array: Pole-dipole  
 Operators: J. Violette & K. Mokubung

### PROCESSING HISTORY:

Data Acquisition: Full Waveform Sampling (240 samples/s)  
 Time-Series Processing: Robust Statistics  
 Processing Platform: QGI Quicklay(tm)  
 Inversion: Unconstrained Smooth UBC 2D DC  
 UBC Model misfit: Converges to Npts, Max 100 iters

### PLOTTING PARAMETERS:

Grid Cell Size: 10 metres  
 Gridding: Minimum Curvature Gridding  
 Filter Applied: 0X Hanning Filter  
 Contours: Logarithmic (5 levels/dec)  
 Colour Zoning: Equal Area (Resis.tbl)



**Capstone Mining Corp.**

**Minto Mine**  
 Yukon, Canada  
**2D RESISTIVITY (Elev=400m)**  
 TITAN-24 ARRAY DC RESISTIVITY / IP SURVEY  
 Smooth DC Resistivity



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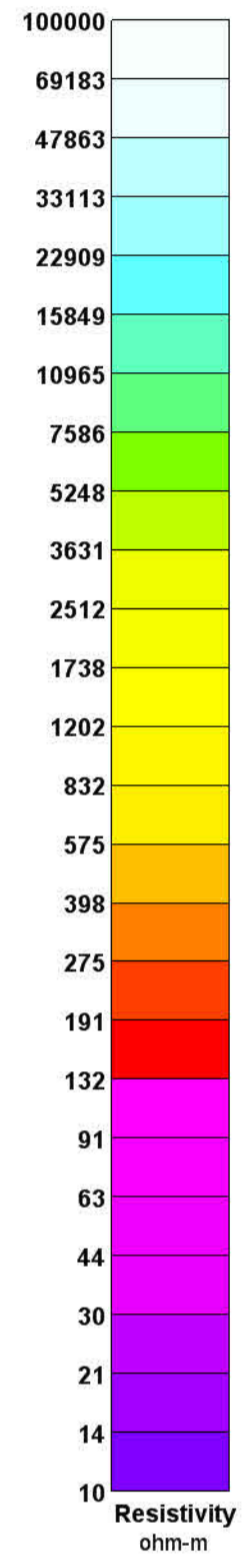
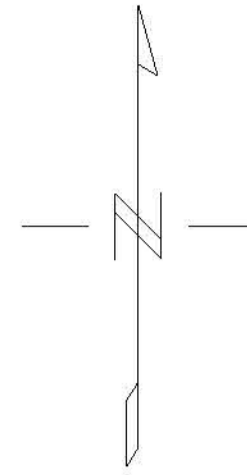
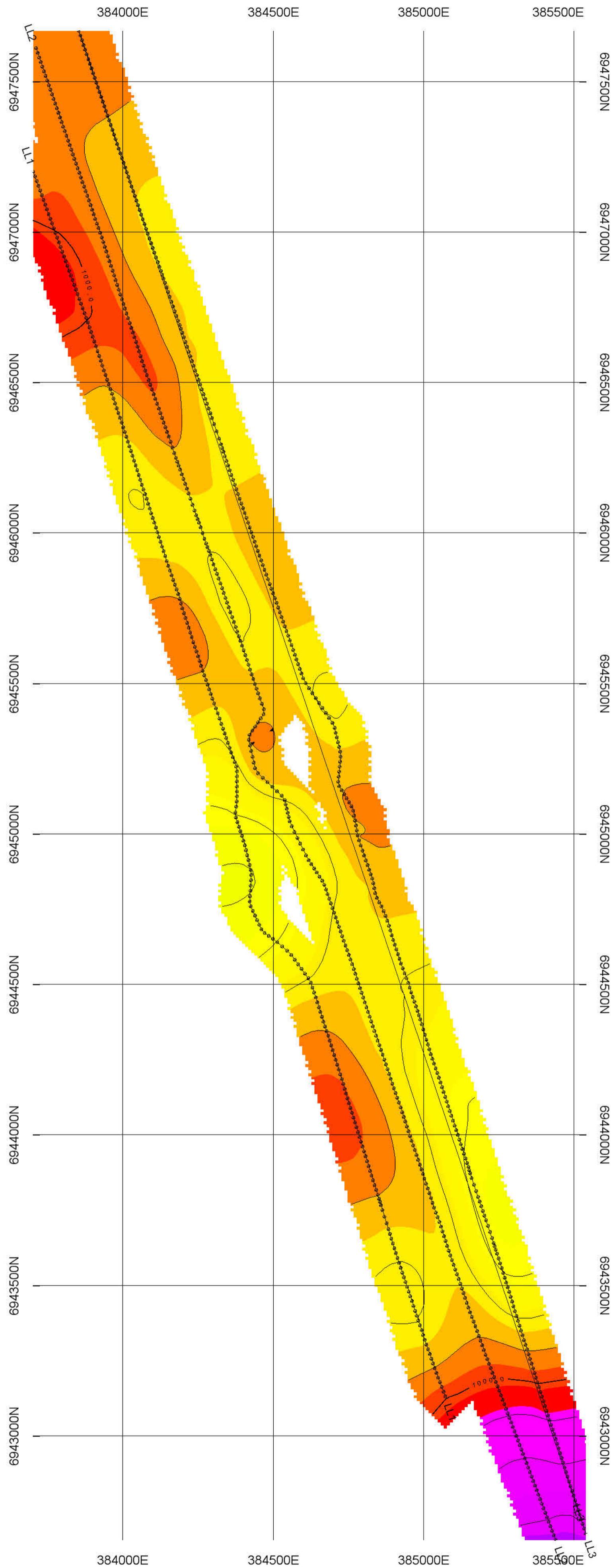
Date: July 2009

Project Ref. #: CA00656T

Approved by: KK



# 2D RESISTIVITY (Elev=300m) - Smooth DC Resistivity



### SURVEY SPECIFICATIONS:

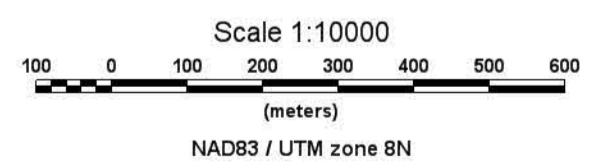
Quantec TITAN-24 Distributed Array System  
 Coordinate System: Mine Grid Coordinates  
 Dipole Spacing: metres Array: Pole-dipole  
 Operators: J. Violette & K. Mokubung

### PROCESSING HISTORY:

Data Acquisition: Full Waveform Sampling (240 samples/s)  
 Time-Series Processing: Robust Statistics  
 Processing Platform: QGI Quicklay(tm)  
 Inversion: Unconstrained Smooth UBC 2D DC  
 UBC Model misfit: Converges to Npts, Max 100 iters

### PLOTTING PARAMETERS:

Grid Cell Size: 10 metres  
 Gridding: Minimum Curvature Gridding  
 Filter Applied: 0X Hanning Filter  
 Contours: Logarithmic (5 levels/dec)  
 Colour Zoning: Equal Area (Resis.tbl)



**Capstone Mining Corp.**

Minto Mine  
 Yukon, Canada

**2D RESISTIVITY (Elev=300m)**

TITAN-24 ARRAY DC RESISTIVITY / IP SURVEY

Smooth DC Resistivity



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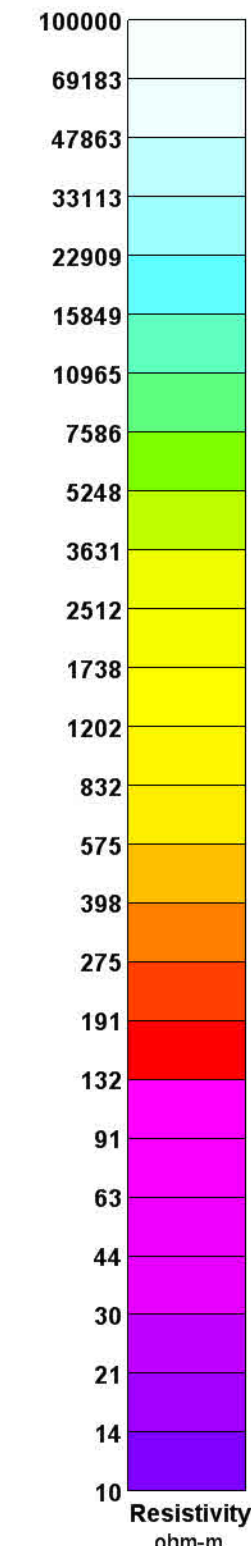
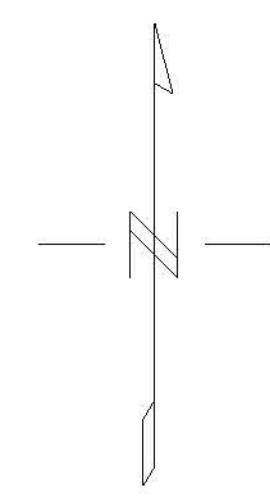
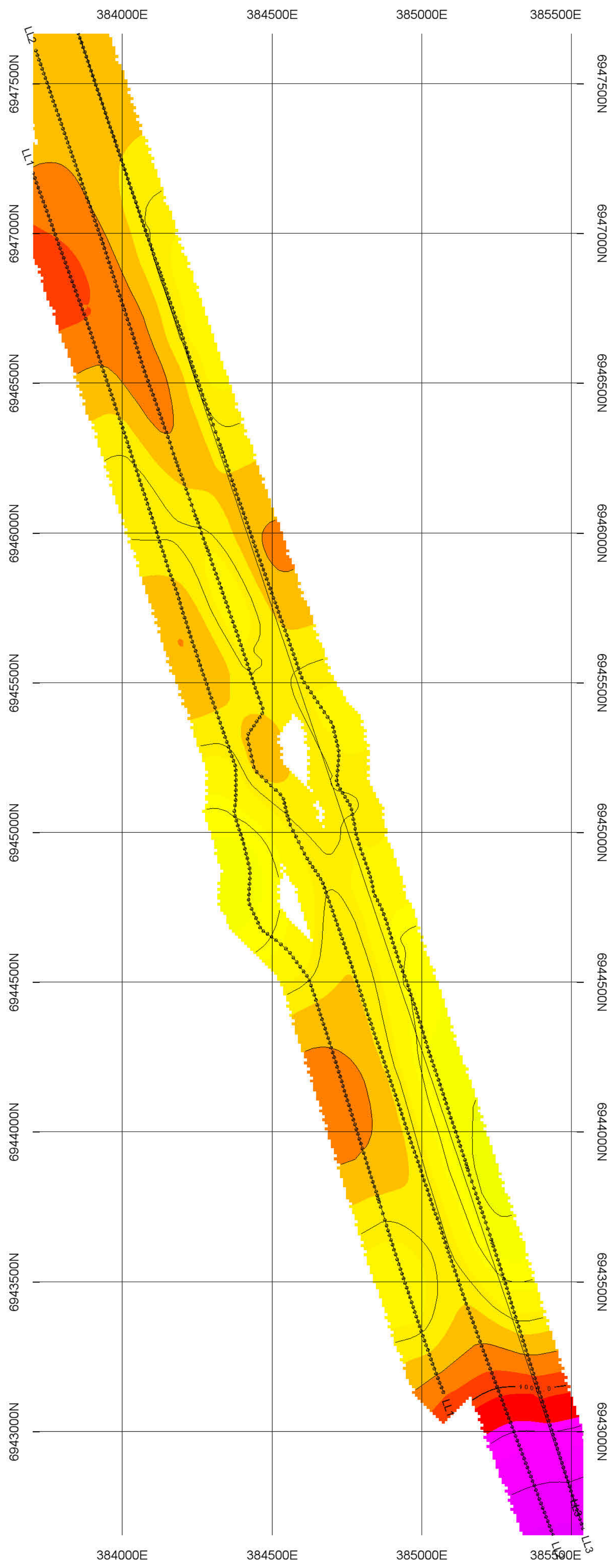
Date: July 2009

Project Ref. #: CA00656T

Approved by: KK



# 2D RESISTIVITY (Elev=200m) - Smooth DC Resistivity



### SURVEY SPECIFICATIONS:

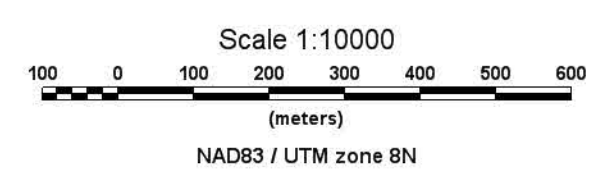
Quantec TITAN-24 Distributed Array System  
 Coordinate System: Mine Grid Coordinates  
 Dipole Spacing: metres Array: Pole-dipole  
 Operators: J. Violette & K. Mokubung

### PROCESSING HISTORY:

Data Acquisition: Full Waveform Sampling (240 samples/s)  
 Time-Series Processing: Robust Statistics  
 Processing Platform: QGI Quicklay(tm)  
 Inversion: Unconstrained Smooth UBC 2D DC  
 UBC Model misfit: Converges to Npts, Max 100 iters

### PLOTTING PARAMETERS:

Grid Cell Size: 10 metres  
 Gridding: Minimum Curvature Gridding  
 Filter Applied: OX Hanning Filter  
 Contours: Logarithmic (5 levels/dec)  
 Colour Zoning: Equal Area (Resis.tbl)



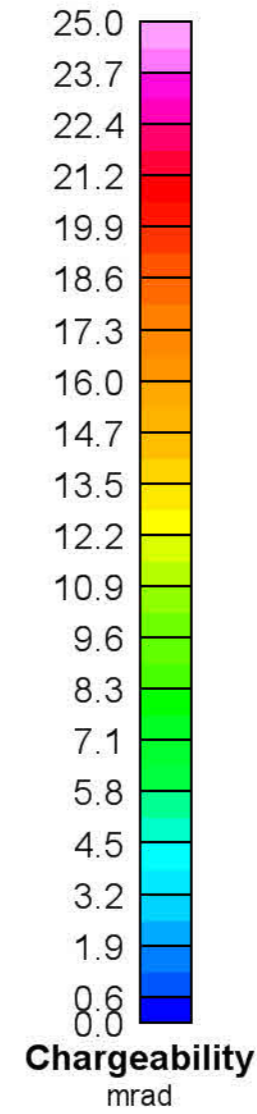
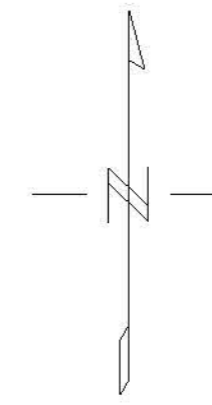
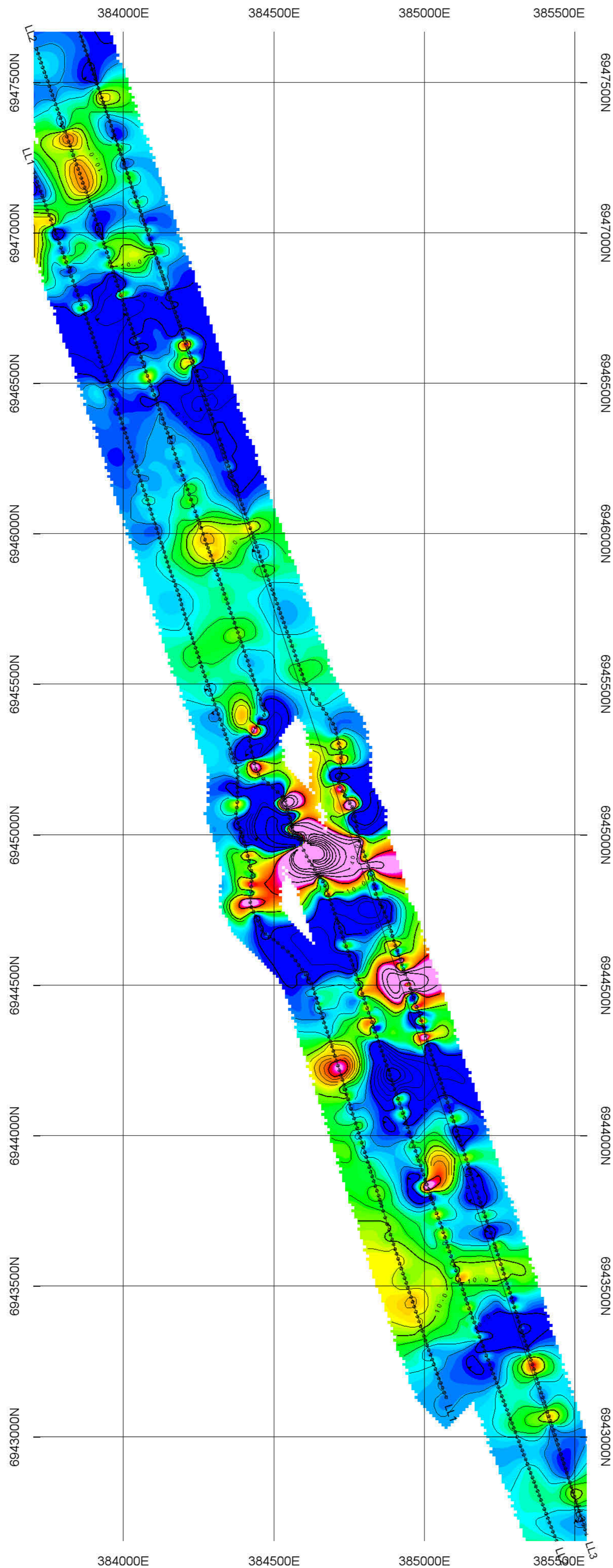
<b>Capstone Mining Corp.</b>		
Minto Mine Yukon, Canada		
<b>2D RESISTIVITY (Elev=200m)</b>		
TITAN-24 ARRAY DC RESISTIVITY / IP SURVEY		
Smooth DC Resistivity		
		Surveyed & Processed by: Quantec Geoscience Ltd. 116 Spadina Ave, Suite 400 Toronto, ON M5V 2K6
Date: July 2009	Project Ref. #: CA00656T	Approved by: KK





# 2D CHARGEABILITY (Elev=900m)

## Smooth IP Chargeability from DC Resistivity Reference



### SURVEY SPECIFICATIONS:

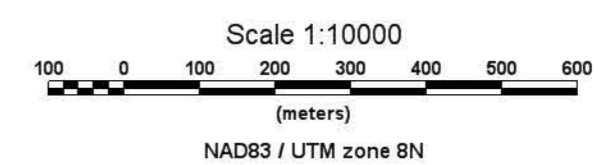
Quantec TITAN-24 Distributed Array System  
Coordinate System: Mine Grid Coordinates  
Dipole Spacing: metres Array: Pole-dipole  
Operators: J. Violette & K. Mokubung

### PROCESSING HISTORY:

Data Acquisition: Full Waveform Sampling (240 samples/s)  
Time-Series Processing: Robust Statistics  
Processing Platform: QGI Quicklay(tm)  
Inversion: Unconstrained Smooth UBC 2D IP  
UBC Model misfit: Converges to Npts, Max 100 iters

### PLOTTING PARAMETERS:

Grid Cell Size: 10 metres  
Gridding: Minimum Curvature Gridding  
Filter Applied: OX Hanning Filter  
Contours: Linear (2 & 10 mrad)  
Colour Zoning: Equal Area (Colour.tbl)



**Capstone Mining Corp.**

Minto Mine  
Yukon, Canada

**2D CHARGEABILITY (Elev=900m)**

TITAN-24 ARRAY DC RESISTIVITY / IP SURVEY

Smooth IP Chargeability from DC Resistivity Reference



Surveyed & Processed by:  
Quantec Geoscience Ltd.  
116 Spadina Ave, Suite 400  
Toronto, ON M5V 2K6

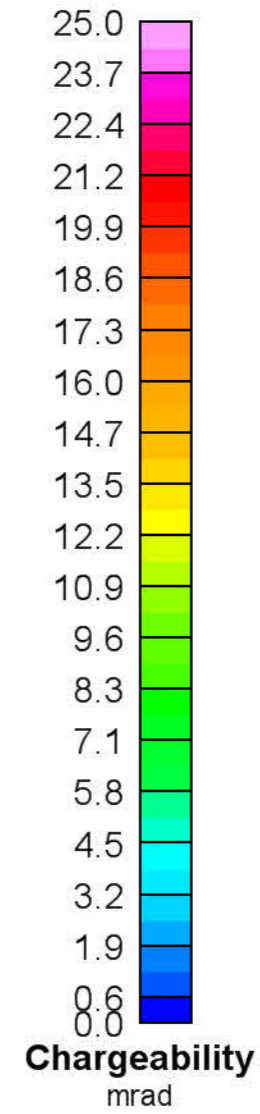
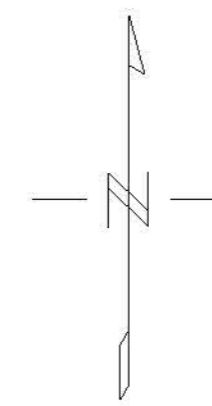
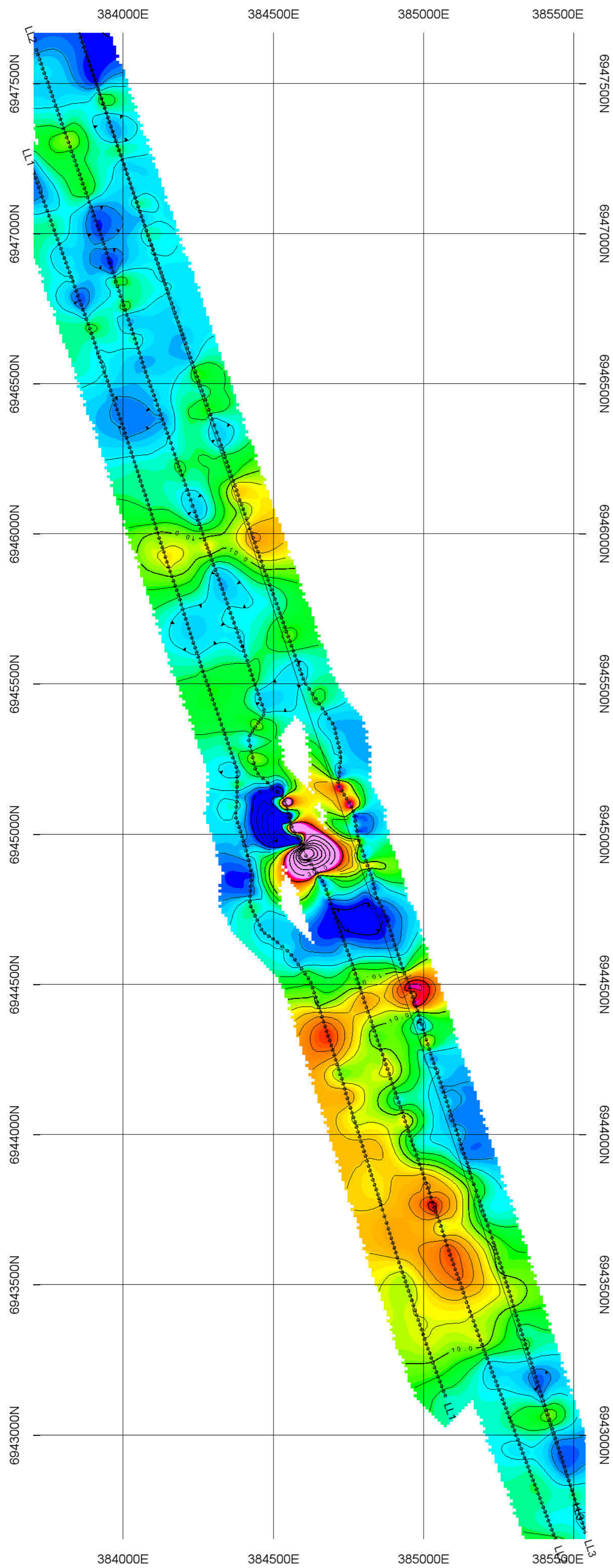
Date: July 2009

Project Ref. #: CA00656T

Approved by: KK



# 2D CHARGEABILITY (Elev=800m) Smooth IP Chargeability from DC Resistivity Reference



### SURVEY SPECIFICATIONS:

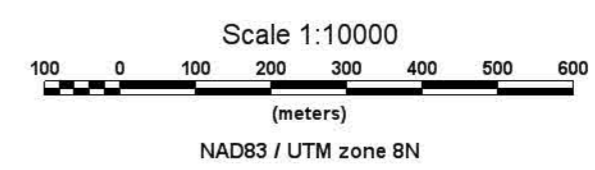
Quantec TITAN-24 Distributed Array System  
Coordinate System: Mine Grid Coordinates  
Dipole Spacing: metres Array: Pole-dipole  
Operators: J. Violette & K. Mokubung

### PROCESSING HISTORY:

Data Acquisition: Full Waveform Sampling (240 samples/s)  
Time-Series Processing: Robust Statistics  
Processing Platform: QGI Quicklay(tm)  
Inversion: Unconstrained Smooth UBC 2D IP  
UBC Model misfit: Converges to Npts, Max 100 iters

### PLOTTING PARAMETERS:

Grid Cell Size: 10 metres  
Gridding: Minimum Curvature Gridding  
Filter Applied: OX Hanning Filter  
Contours: Linear (2 & 10 mrad)  
Colour Zoning: Equal Area (Colour.tbl)



**Capstone Mining Corp.**

Minto Mine  
Yukon, Canada

## 2D CHARGEABILITY (Elev=800m)

TITAN-24 ARRAY DC RESISTIVITY / IP SURVEY

Smooth IP Chargeability from DC Resistivity Reference



Surveyed & Processed by:  
Quantec Geoscience Ltd.  
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Toronto, ON M5V 2K6

Date: July 2009

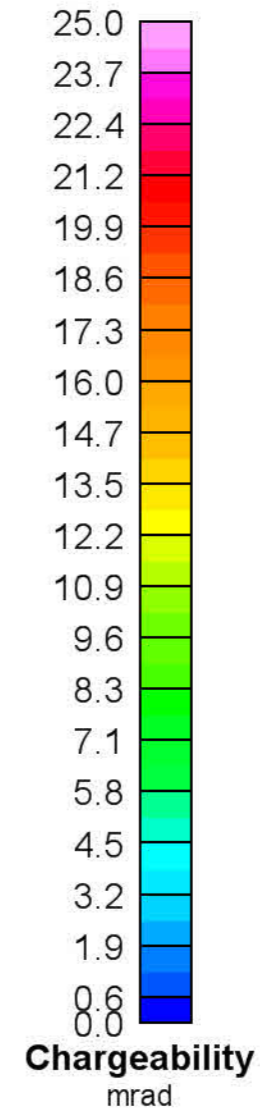
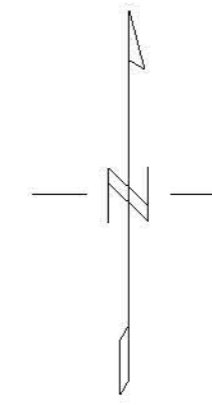
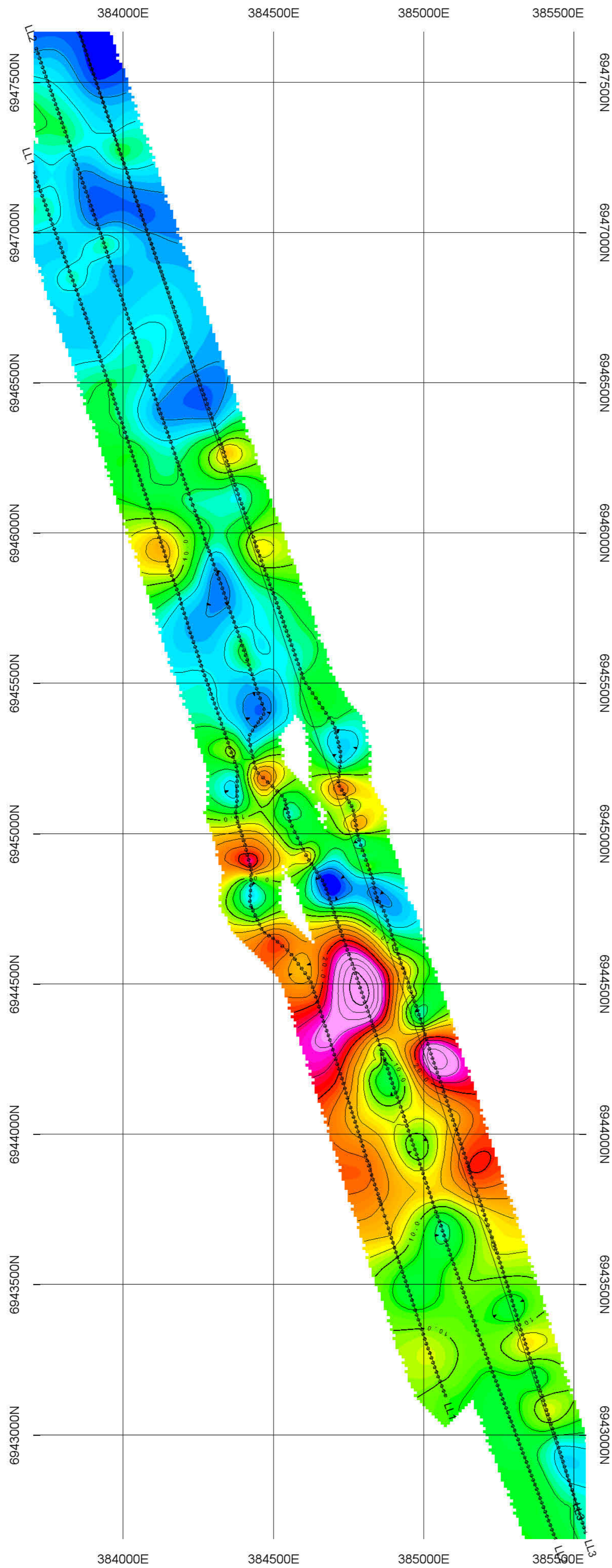
Project Ref. #: CA00656T

Approved by: KK



# 2D CHARGEABILITY (Elev=700m)

## Smooth IP Chargeability from DC Resistivity Reference



### SURVEY SPECIFICATIONS:

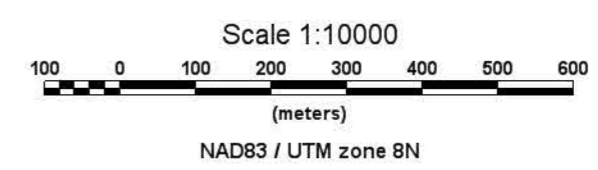
Quantec TITAN-24 Distributed Array System  
 Coordinate System: Mine Grid Coordinates  
 Dipole Spacing: metres Array: Pole-dipole  
 Operators: J. Violette & K. Mokubung

### PROCESSING HISTORY:

Data Acquisition: Full Waveform Sampling (240 samples/s)  
 Time-Series Processing: Robust Statistics  
 Processing Platform: QGI Quicklay(tm)  
 Inversion: Unconstrained Smooth UBC 2D IP  
 UBC Model misfit: Converges to Npts, Max 100 iters

### PLOTTING PARAMETERS:

Grid Cell Size: 10 metres  
 Gridding: Minimum Curvature Gridding  
 Filter Applied: 0X Hanning Filter  
 Contours: Linear (2 & 10 mrad)  
 Colour Zoning: Equal Area (Colour.tbl)



**Capstone Mining Corp.**

Minto Mine  
 Yukon, Canada

## 2D CHARGEABILITY (Elev=700m)

TITAN-24 ARRAY DC RESISTIVITY / IP SURVEY

Smooth IP Chargeability from DC Resistivity Reference



Surveyed & Processed by:  
 Quantec Geoscience Ltd.  
 116 Spadina Ave, Suite 400  
 Toronto, ON M5V 2K6

Date: July 2009

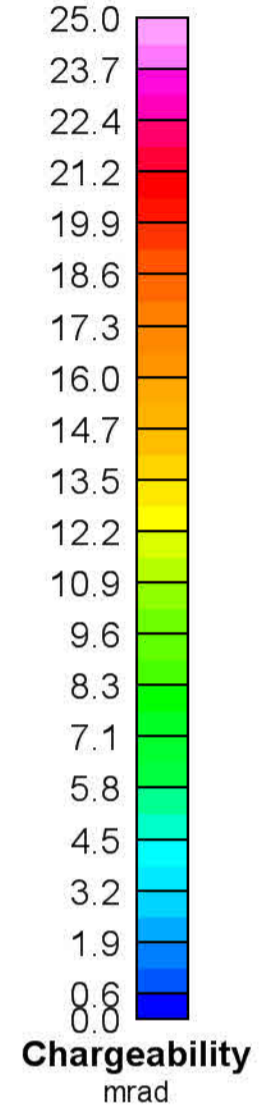
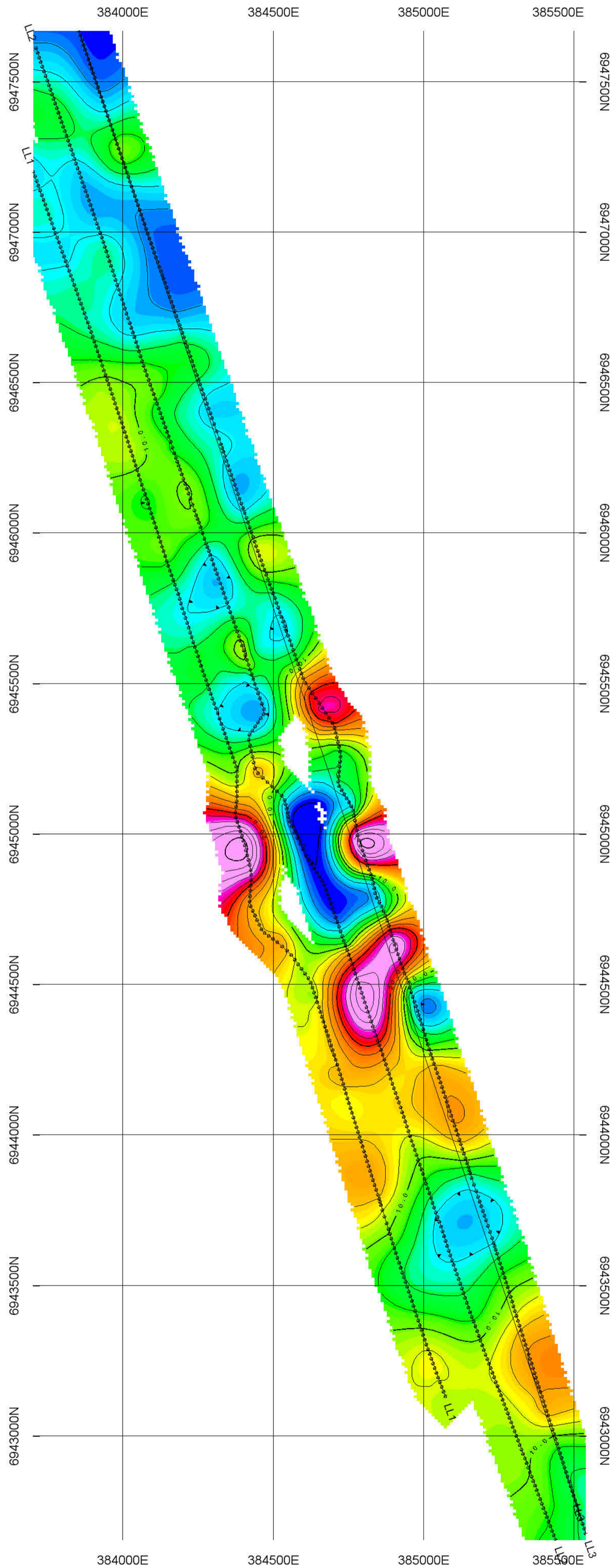
Project Ref. #: CA00656T

Approved by: KK



# 2D CHARGEABILITY (Elev=600m)

## Smooth IP Chargeability from DC Resistivity Reference



**SURVEY SPECIFICATIONS:**

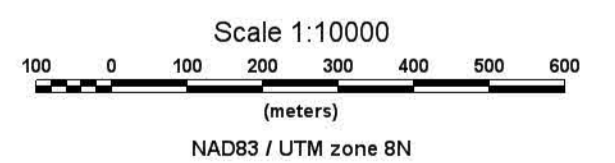
Quantec TITAN-24 Distributed Array System  
 Coordinate System: Mine Grid Coordinates  
 Dipole Spacing: metres Array: Pole-dipole  
 Operators: J. Violette & K. Mokubung

**PROCESSING HISTORY:**

Data Acquisition: Full Waveform Sampling (240 samples/s)  
 Time-Series Processing: Robust Statistics  
 Processing Platform: QGI Quicklay(tm)  
 Inversion: Unconstrained Smooth UBC 2D IP  
 UBC Model misfit: Converges to Npts, Max 100 iters

**PLOTTING PARAMETERS:**

Grid Cell Size: 10 metres  
 Gridding: Minimum Curvature Gridding  
 Filter Applied: 0X Hanning Filter  
 Contours: Linear (2 & 10 mrad)  
 Colour Zoning: Equal Area (Colour.tbl)



**Capstone Mining Corp.**

**Minto Mine**  
 Yukon, Canada  
**2D CHARGEABILITY (Elev=600m)**  
 TITAN-24 ARRAY DC RESISTIVITY / IP SURVEY  
 Smooth IP Chargeability from DC Resistivity Reference



*Surveyed & Processed by:*  
 Quantec Geoscience Ltd.  
 116 Spadina Ave, Suite 400  
 Toronto, ON M5V 2K6

Date: July 2009

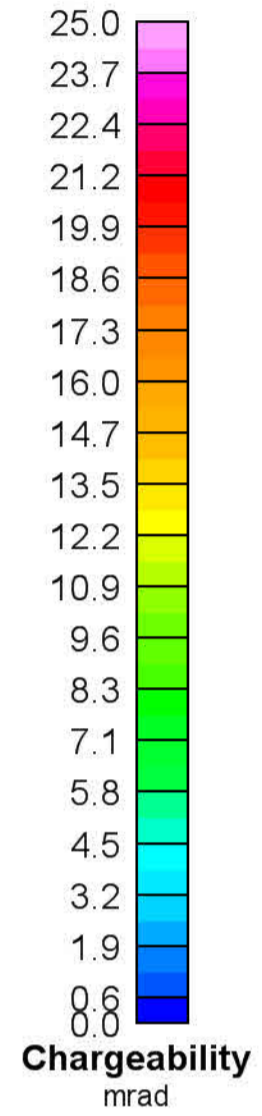
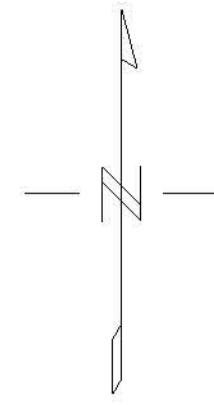
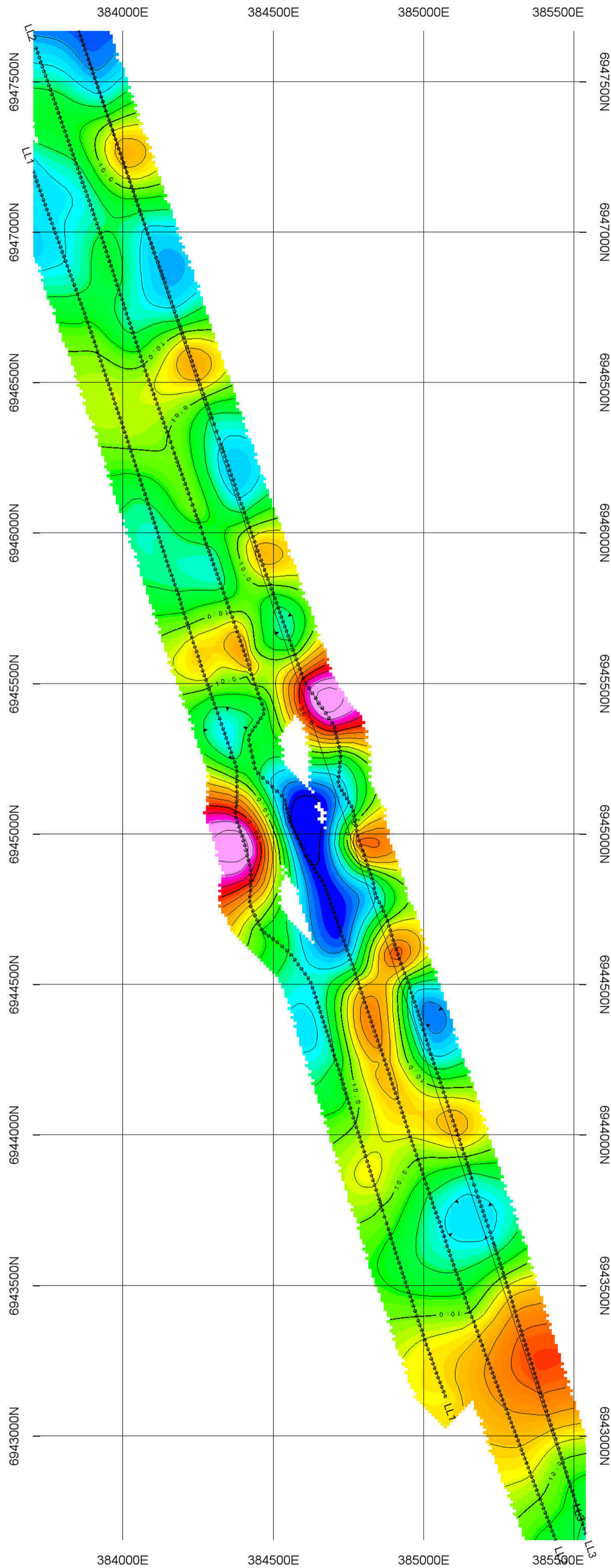
Project Ref. #: CA00656T

Approved by: KK



# 2D CHARGEABILITY (Elev=500m)

## Smooth IP Chargeability from DC Resistivity Reference



**SURVEY SPECIFICATIONS:**

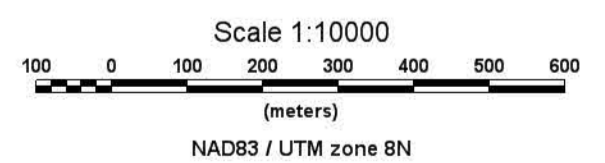
Quantec TITAN-24 Distributed Array System  
 Coordinate System: Mine Grid Coordinates  
 Dipole Spacing: metres Array: Pole-dipole  
 Operators: J. Violette & K. Mokubung

**PROCESSING HISTORY:**

Data Acquisition: Full Waveform Sampling (240 samples/s)  
 Time-Series Processing: Robust Statistics  
 Processing Platform: QGI Quicklay(tm)  
 Inversion: Unconstrained Smooth UBC 2D IP  
 UBC Model misfit: Converges to Npts, Max 100 iters

**PLOTTING PARAMETERS:**

Grid Cell Size: 10 metres  
 Gridding: Minimum Curvature Gridding  
 Filter Applied: 0X Hanning Filter  
 Contours: Linear (2 & 10 mrad)  
 Colour Zoning: Equal Area (Colour.tbl)



**Capstone Mining Corp.**

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 Yukon, Canada  
**2D CHARGEABILITY (Elev=500m)**  
 TITAN-24 ARRAY DC RESISTIVITY / IP SURVEY  
 Smooth IP Chargeability from DC Resistivity Reference



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Date: July 2009

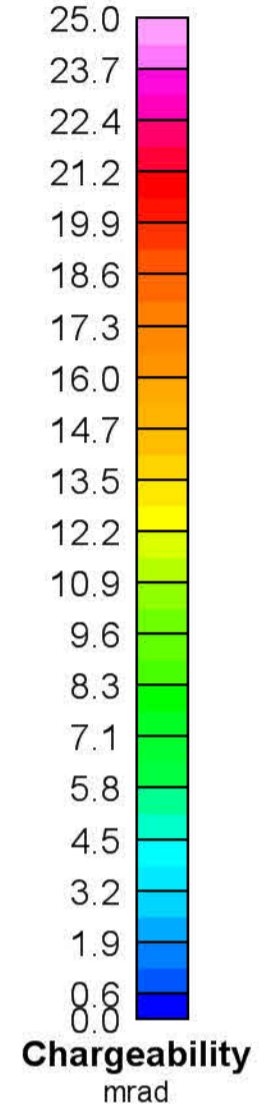
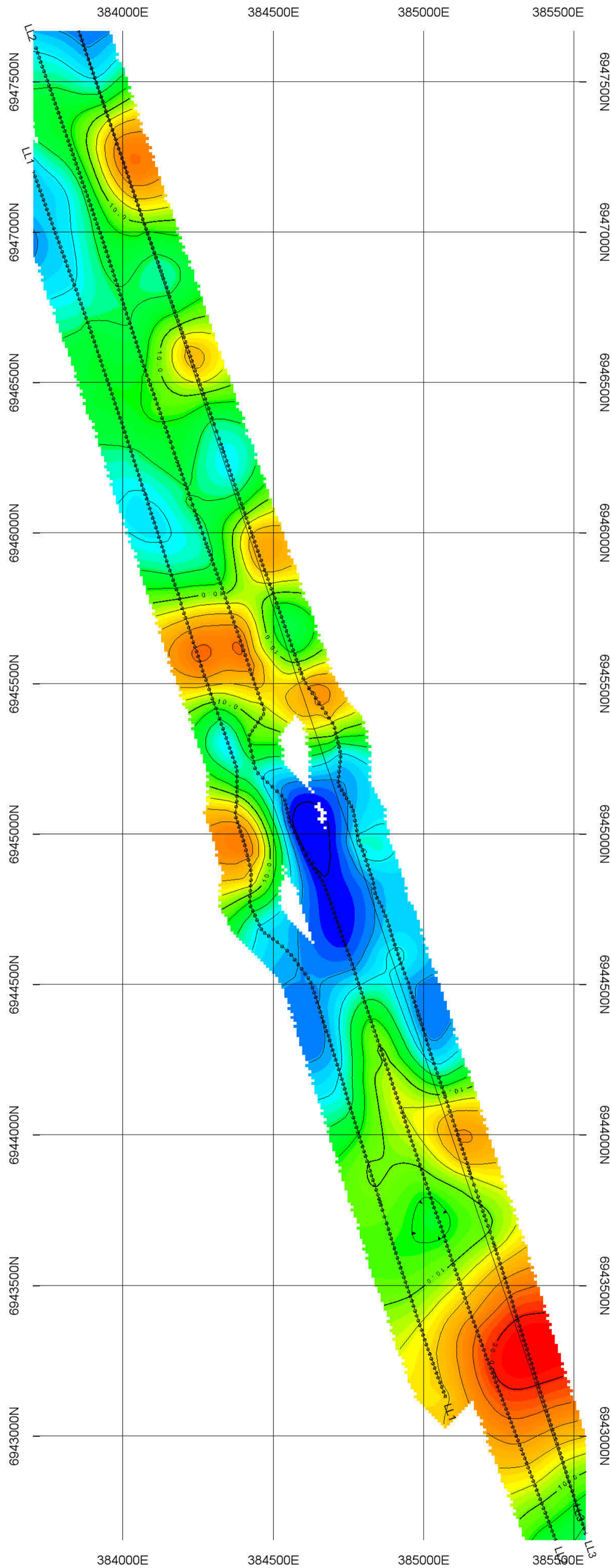
Project Ref. #: CA00656T

Approved by: KK



# 2D CHARGEABILITY (Elev=400m)

## Smooth IP Chargeability from DC Resistivity Reference



**SURVEY SPECIFICATIONS:**

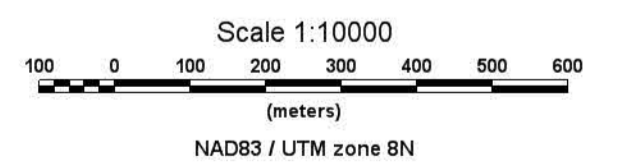
Quantec TITAN-24 Distributed Array System  
 Coordinate System: Mine Grid Coordinates  
 Dipole Spacing: metres Array: Pole-dipole  
 Operators: J. Violette & K. Mokubung

**PROCESSING HISTORY:**

Data Acquisition: Full Waveform Sampling (240 samples/s)  
 Time-Series Processing: Robust Statistics  
 Processing Platform: QGI Quicklay(tm)  
 Inversion: Unconstrained Smooth UBC 2D IP  
 UBC Model misfit: Converges to Npts, Max 100 iters

**PLOTTING PARAMETERS:**

Grid Cell Size: 10 metres  
 Gridding: Minimum Curvature Gridding  
 Filter Applied: OX Hanning Filter  
 Contours: Linear (2 & 10 mrad)  
 Colour Zoning: Equal Area (Colour.tbl)



**Capstone Mining Corp.**

**Minto Mine**  
 Yukon, Canada

**2D CHARGEABILITY (Elev=400m)**

TITAN-24 ARRAY DC RESISTIVITY / IP SURVEY

Smooth IP Chargeability from DC Resistivity Reference



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Date: July 2009

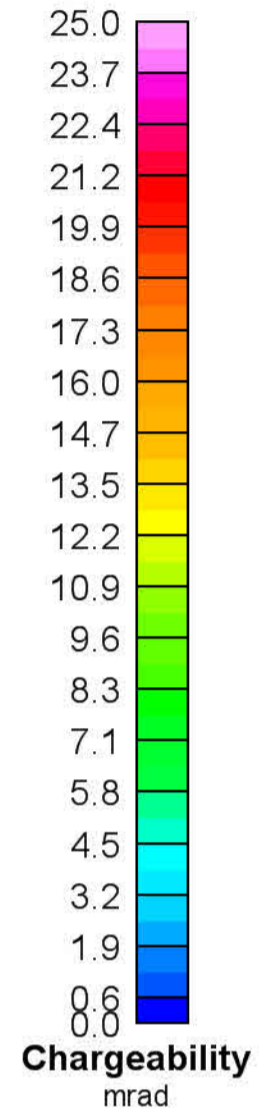
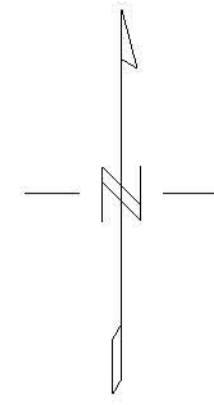
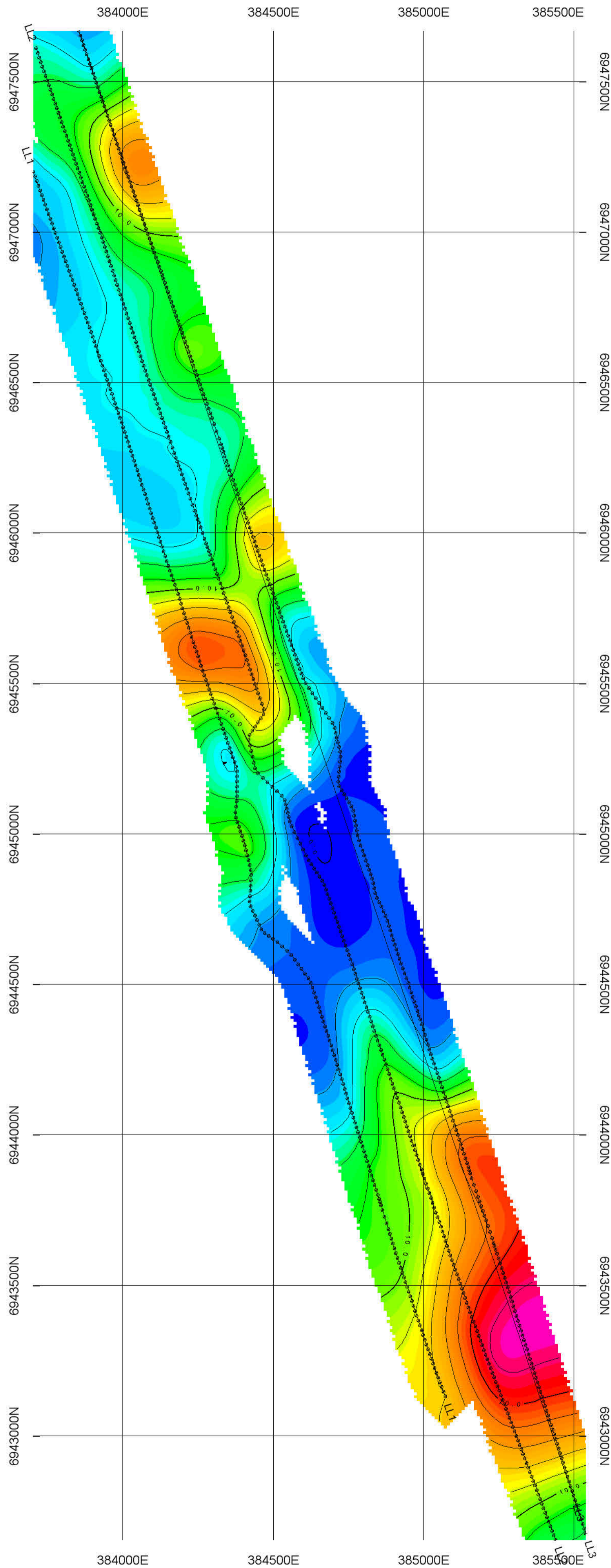
Project Ref. #: CA00656T

Approved by: KK



# 2D CHARGEABILITY (Elev=300m)

## Smooth IP Chargeability from DC Resistivity Reference



**SURVEY SPECIFICATIONS:**

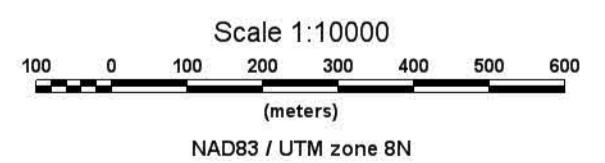
Quantec TITAN-24 Distributed Array System  
 Coordinate System: Mine Grid Coordinates  
 Dipole Spacing: metres Array: Pole-dipole  
 Operators: J. Violette & K. Mokubung

**PROCESSING HISTORY:**

Data Acquisition: Full Waveform Sampling (240 samples/s)  
 Time-Series Processing: Robust Statistics  
 Processing Platform: QGI Quicklay(tm)  
 Inversion: Unconstrained Smooth UBC 2D IP  
 UBC Model misfit: Converges to Npts, Max 100 iters

**PLOTTING PARAMETERS:**

Grid Cell Size: 10 metres  
 Gridding: Minimum Curvature Gridding  
 Filter Applied: 0X Hanning Filter  
 Contours: Linear (2 & 10 mrad)  
 Colour Zoning: Equal Area (Colour.tbl)



**Capstone Mining Corp.**

**Minto Mine**  
 Yukon, Canada

**2D CHARGEABILITY (Elev=300m)**

TITAN-24 ARRAY DC RESISTIVITY / IP SURVEY

Smooth IP Chargeability from DC Resistivity Reference



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Date: July 2009

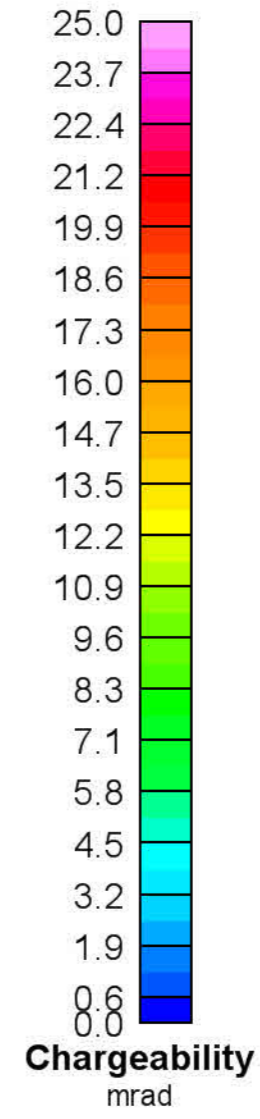
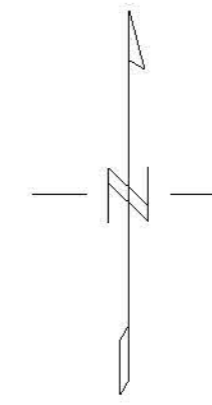
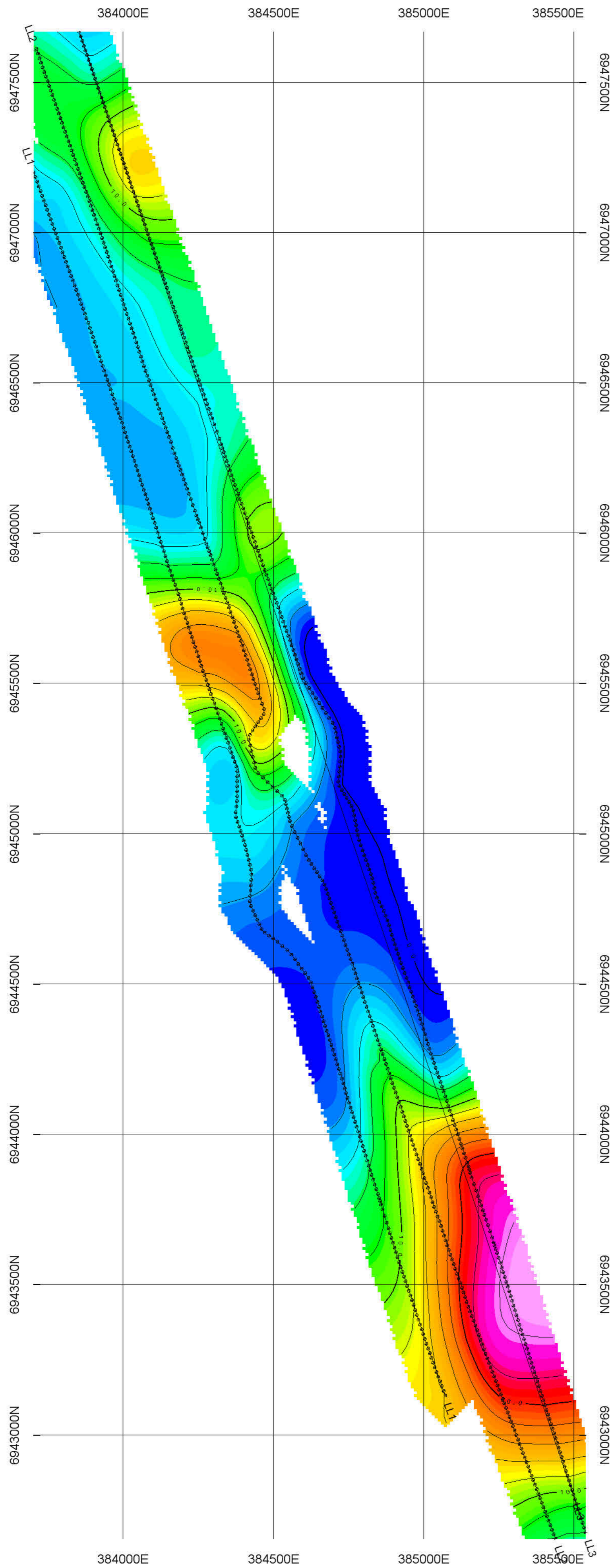
Project Ref. #: CA00656T

Approved by: KK



# 2D CHARGEABILITY (Elev=200m)

## Smooth IP Chargeability from DC Resistivity Reference



**SURVEY SPECIFICATIONS:**

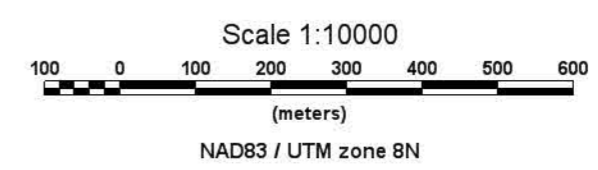
Quantec TITAN-24 Distributed Array System  
 Coordinate System: Mine Grid Coordinates  
 Dipole Spacing: metres Array: Pole-dipole  
 Operators: J. Violette & K. Mokubung

**PROCESSING HISTORY:**

Data Acquisition: Full Waveform Sampling (240 samples/s)  
 Time-Series Processing: Robust Statistics  
 Processing Platform: QGI Quicklay(tm)  
 Inversion: Unconstrained Smooth UBC 2D IP  
 UBC Model misfit: Converges to Npts, Max 100 iters

**PLOTTING PARAMETERS:**

Grid Cell Size: 10 metres  
 Gridding: Minimum Curvature Gridding  
 Filter Applied: 0X Hanning Filter  
 Contours: Linear (2 & 10 mrad)  
 Colour Zoning: Equal Area (Colour.tbl)



**Capstone Mining Corp.**

**Minto Mine**  
 Yukon, Canada  
**2D CHARGEABILITY (Elev=200m)**  
 TITAN-24 ARRAY DC RESISTIVITY / IP SURVEY  
 Smooth IP Chargeability from DC Resistivity Reference



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Date: July 2009

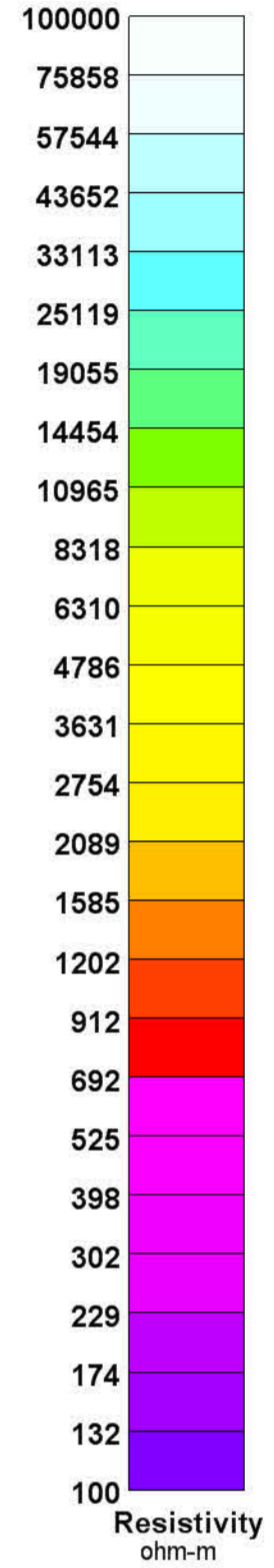
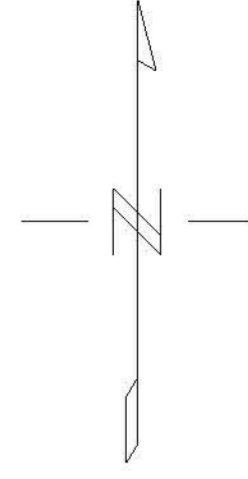
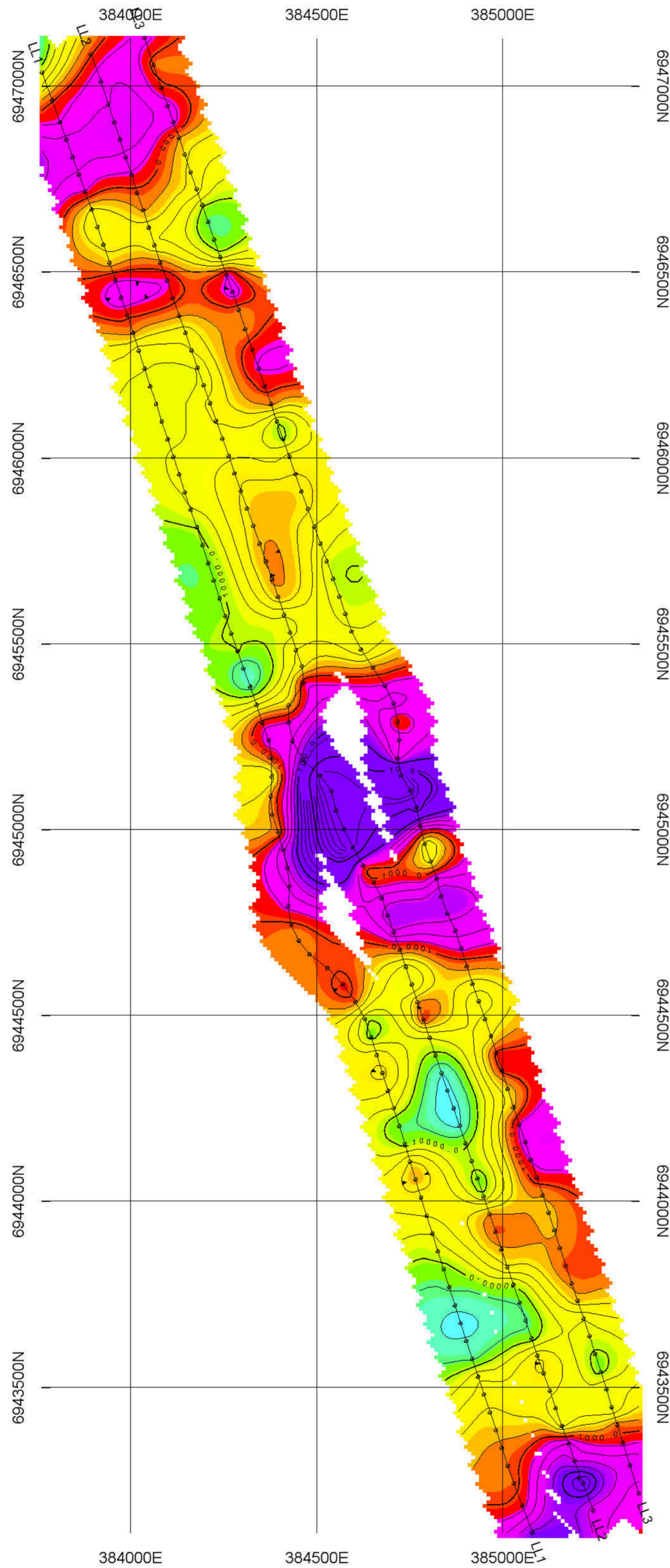
Project Ref. #: CA00656T

Approved by: KK





# 2D RESISTIVITY (Z=800m / PW MT Model) - UNCONSTRAINED PW (UNROTATED TM-TE MODEL) 2D MT RESISTIVITY



### SURVEY SPECIFICATIONS:

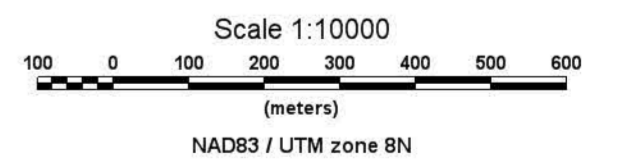
QCI TITAN-24 Distributed Array+Remote-Reference  
 Coordinate System: UTM Coordinates  
 Dipole Spacing: metres Array AMT  
 Operators: QGI - Jviolette+KMokubung

### PROCESSING HISTORY:

Data Acquisition: Time Series Sampling (60k+9600+120Hz)  
 Time-Series Processing: Robust Statistics  
 Processing Platform: Geotools(tm)  
 Inversion: Unconstrained Unrotated PW 2D TM-TE MT  
 Geotools Model rms misfit: Max5-10pct, Max25 iters

### PLOTTING PARAMETERS:

Grid Cell Size: 10 metres  
 Gridding: Minimum Curvature Gridding  
 Filter Applied: OX Hanning Filter  
 Contours: Logarithmic (5 levels/dec)  
 Colour Zoning: Equal Area (Resis.tbl)



**Capstone Mining Corp.**

Minto Mine  
 Yukon, Canada  
**2D RESISTIVITY**  
**(Z=800m / PW MT Model)**  
 TITAN-24 ARRAY MAGNETOTELLURIC SURVEY  
 UNCONSTRAINED PW (UNROTATED TM-TE MODEL) 2D MT RESISTIVITY



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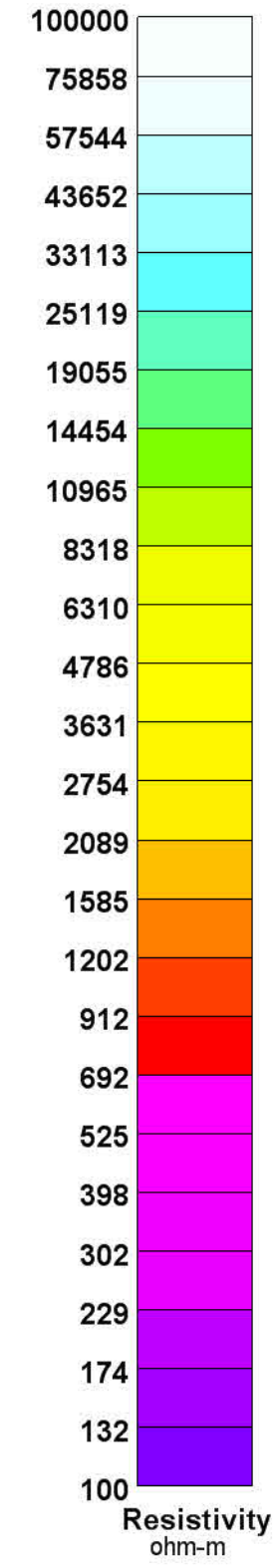
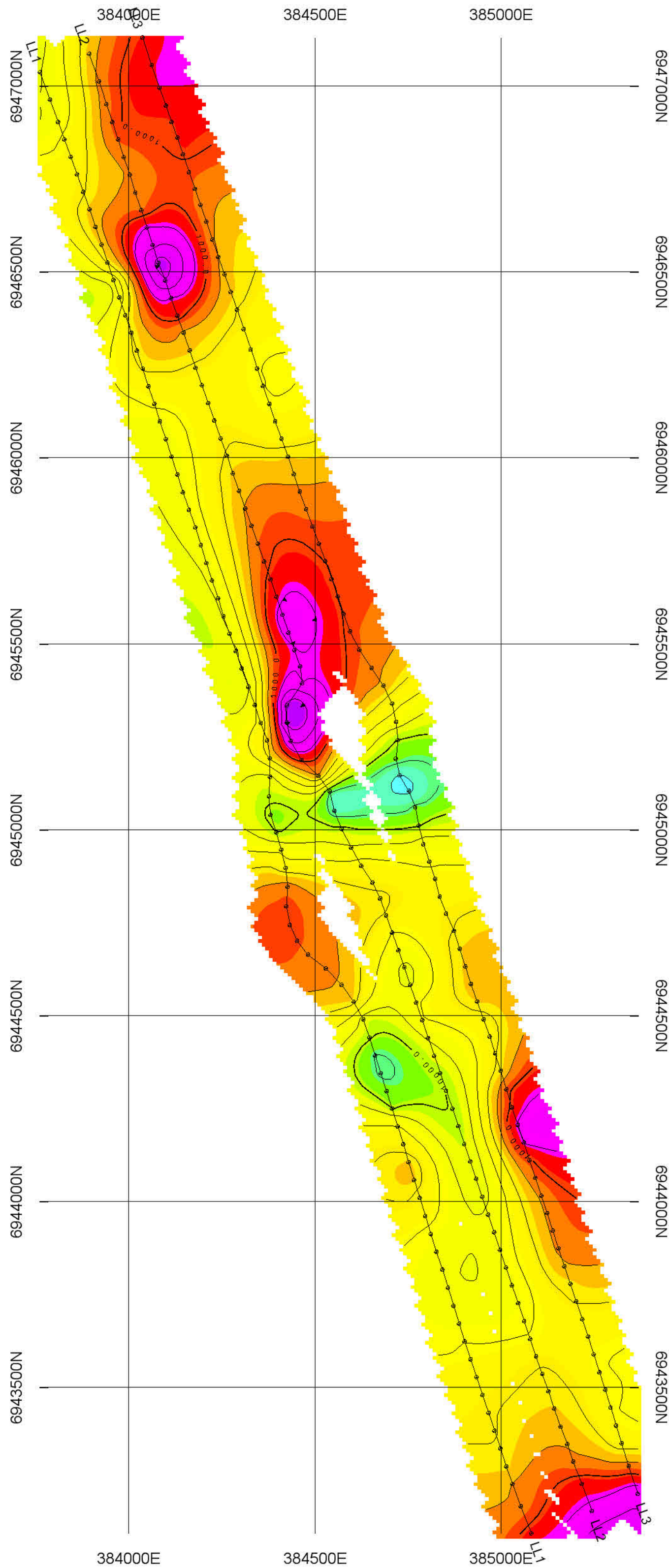
Date: July 2009

Project Ref. #: CA00656T

Approved by: KK



**2D RESISTIVITY (Z=600m / PW MT Model) - UNCONSTRAINED PW  
(UNROTATED TM-TE MODEL) 2D MT RESISTIVITY**



**SURVEY SPECIFICATIONS:**

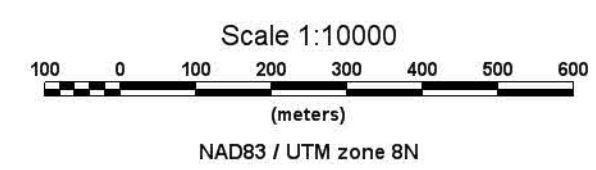
QCI TITAN-24 Distributed Array+Remote-Reference  
Coordinate System: UTM Coordinates  
Dipole Spacing: metres Array: Tensor AMT  
Operators: QGI - JViolette+KMokubung

**PROCESSING HISTORY:**

Data Acquisition: Time Series Sampling (60k+9600+120Hz)  
Time-Series Processing: Robust Statistics  
Processing Platform: Geotools(tm)  
Inversion: Unconstrained Unrotated PW 2D TM-TE MT  
Geotools Model rms misfit: Max5-10pct, Max25 iters

**PLOTTING PARAMETERS:**

Grid Cell Size: 10 metres  
Gridding: Minimum Curvature Gridding  
Filter Applied: 0X Hanning Filter  
Contours: Logarithmic (5 levels/dec)  
Colour Zoning: Equal Area (Resis.tbl)



**Capstone Mining Corp.**

Minto Mine  
Yukon, Canada

**2D RESISTIVITY  
(Z=600m / PW MT Model)**

TITAN-24 ARRAY MAGNETOTELLURIC SURVEY  
UNCONSTRAINED PW (UNROTATED TM-TE MODEL) 2D MT RESISTIVITY



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Toronto, ON M5V 2K6

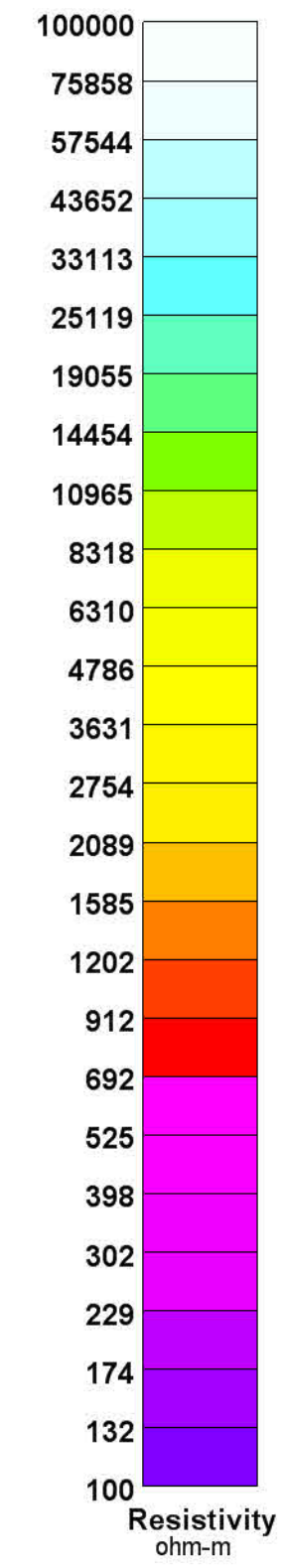
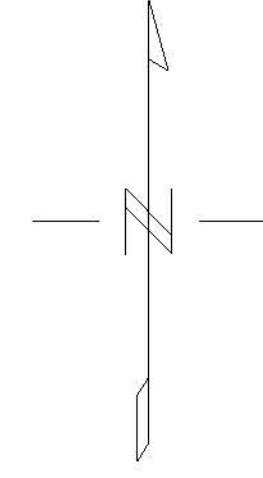
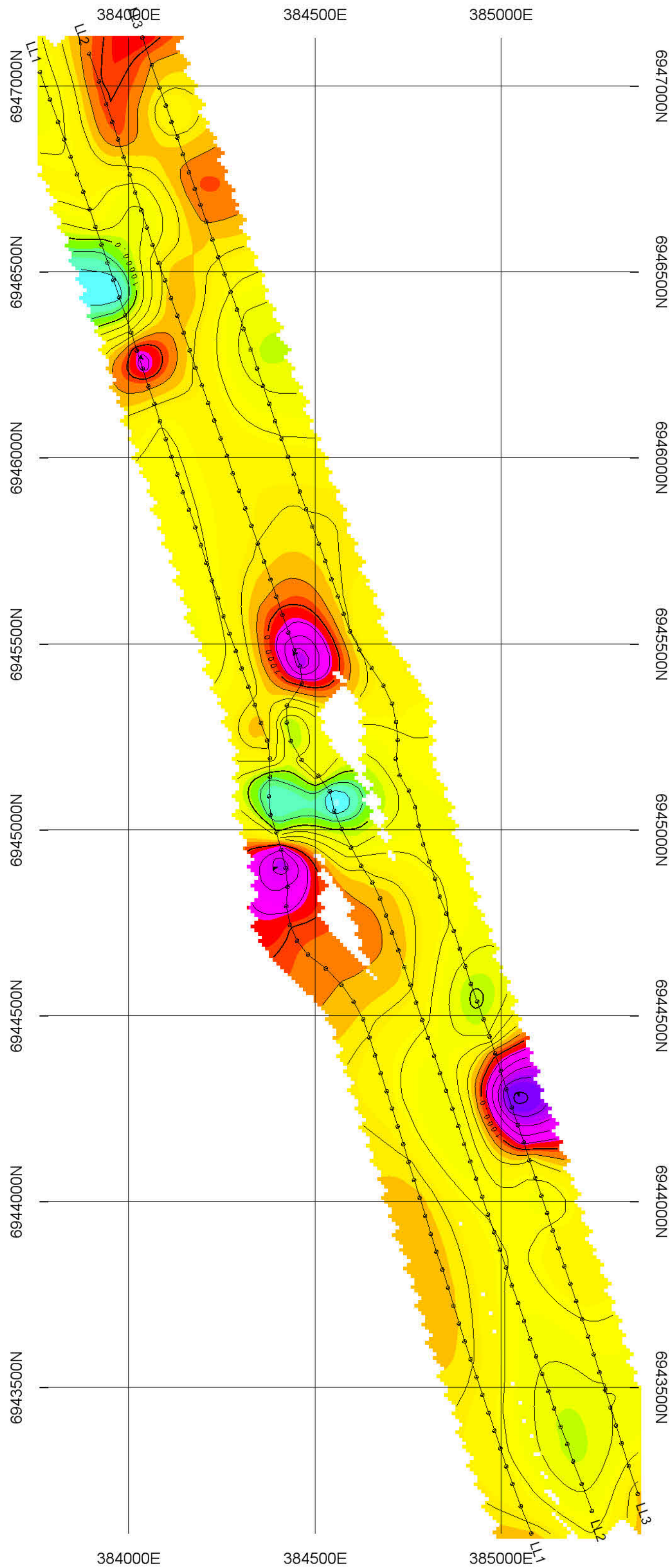
Date: July 2009

Project Ref. #: CA00656T

Approved by: KK



# 2D RESISTIVITY (Z=400m / PW MT Model) - UNCONSTRAINED PW (UNROTATED TM-TE MODEL) 2D MT RESISTIVITY



### SURVEY SPECIFICATIONS:

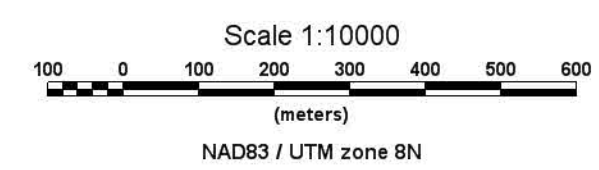
QCI TITAN-24 Distributed Array+Remote-Reference  
 Coordinate System: UTM Coordinates  
 Dipole Spacing: metres Array: Tensor AMT  
 Operators: QGI - JViolette+KMokubung

### PROCESSING HISTORY:

Data Acquisition: Time Series Sampling (60k+9600+120Hz)  
 Time-Series Processing: Robust Statistics  
 Processing Platform: Geotools(tm)  
 Inversion: Unconstrained Unrotated PW 2D TM-TE MT  
 Geotools Model rms misfit: Max5-10pct, Max25 iters

### PLOTTING PARAMETERS:

Grid Cell Size: 10 metres  
 Gridding: Minimum Curvature Gridding  
 Filter Applied: 0X Hanning Filter  
 Contours: Logarithmic (5 levels/dec)  
 Colour Zoning: Equal Area (Resis.tbl)



**Capstone Mining Corp.**

Minto Mine  
 Yukon, Canada

**2D RESISTIVITY  
 (Z=400m / PW MT Model)**

TITAN-24 ARRAY MAGNETOTELLURIC SURVEY  
 UNCONSTRAINED PW (UNROTATED TM-TE MODEL) 2D MT RESISTIVITY



Surveyed & Processed by:  
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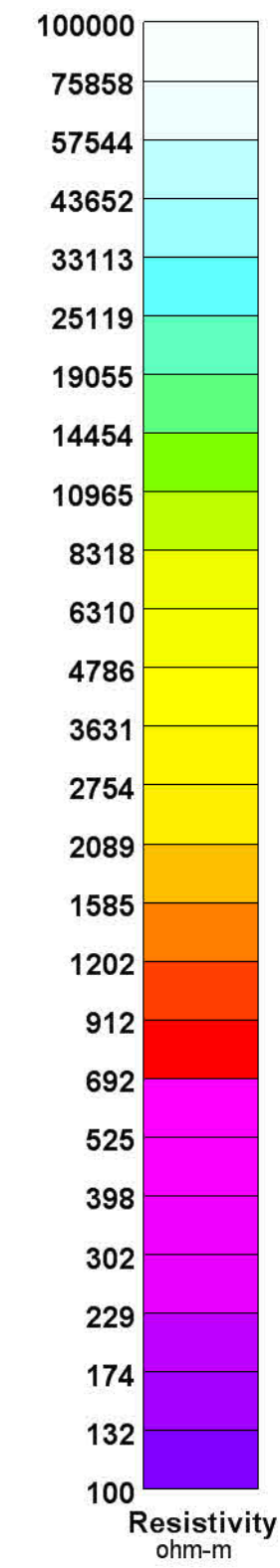
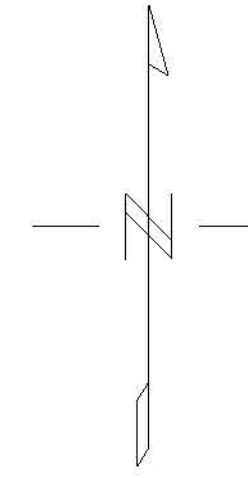
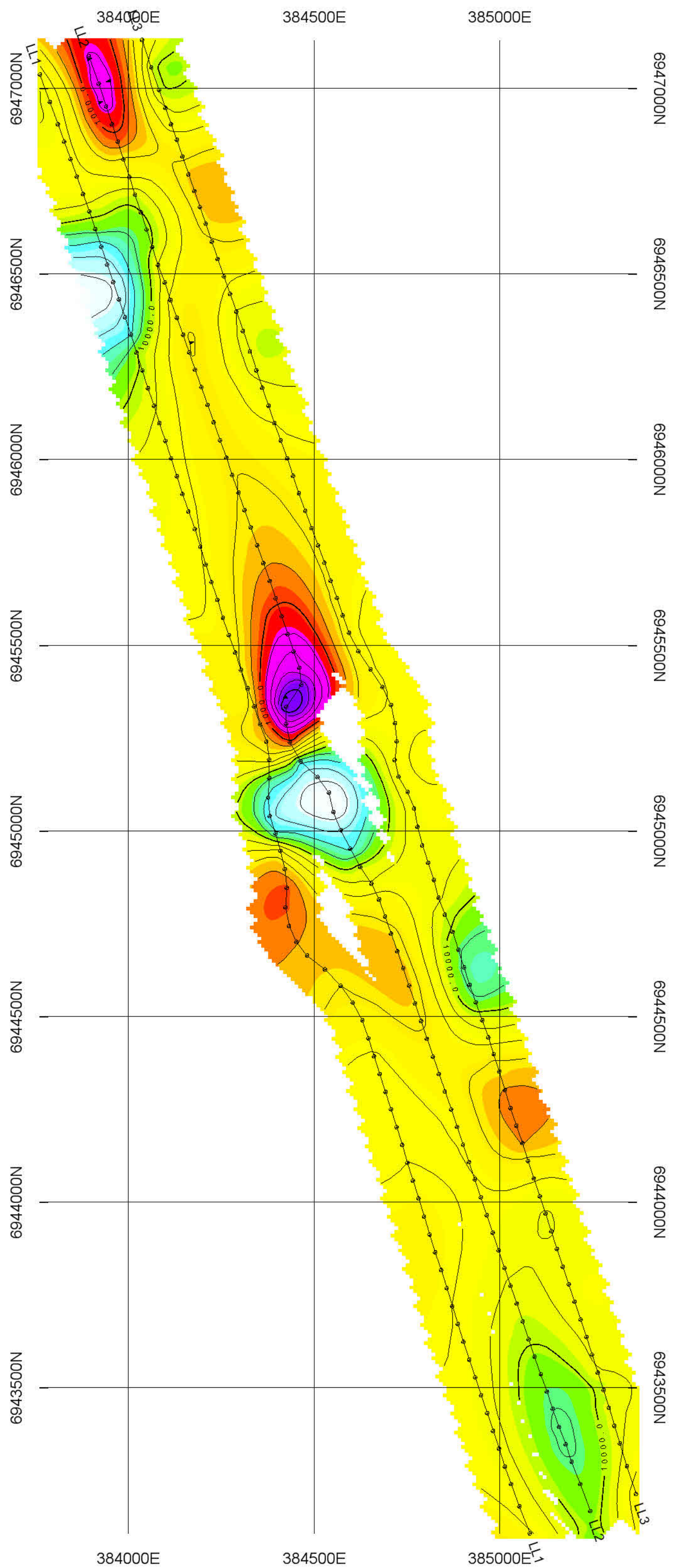
Date: July 2009

Project Ref. #: CA00656T

Approved by: KK



# 2D RESISTIVITY (Z=200m / PW MT Model) - UNCONSTRAINED PW (UNROTATED TM-TE MODEL) 2D MT RESISTIVITY



### SURVEY SPECIFICATIONS:

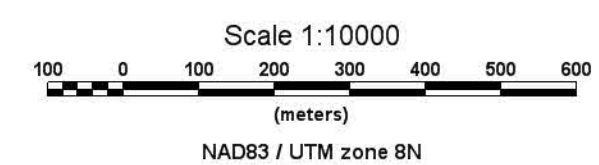
QCI TITAN-24 Distributed Array+Remote-Reference  
 Coordinate System: UTM Coordinates  
 Dipole Spacing: metres Array: Tensor AMT  
 Operators: QGI - JViolette+KMokubung

### PROCESSING HISTORY:

Data Acquisition: Time Series Sampling (60k+9600+120Hz)  
 Time-Series Processing: Robust Statistics  
 Processing Platform: Geotools(tm)  
 Inversion: Unconstrained Unrotated PW 2D TM-TE MT  
 Geotools Model rms misfit: Max5-10pct, Max25 iters

### PLOTTING PARAMETERS:

Grid Cell Size: 10 metres  
 Gridding: Minimum Curvature Gridding  
 Filter Applied: 0X Hanning Filter  
 Contours: Logarithmic (5 levels/dec)  
 Colour Zoning: Equal Area (Resis.tbl)



**Capstone Mining Corp.**

Minto Mine  
 Yukon, Canada

**2D RESISTIVITY  
 (Z=200m / PW MT Model)**

TITAN-24 ARRAY MAGNETOTELLURIC SURVEY  
 UNCONSTRAINED PW (UNROTATED TM-TE MODEL) 2D MT RESISTIVITY



Surveyed & Processed by:  
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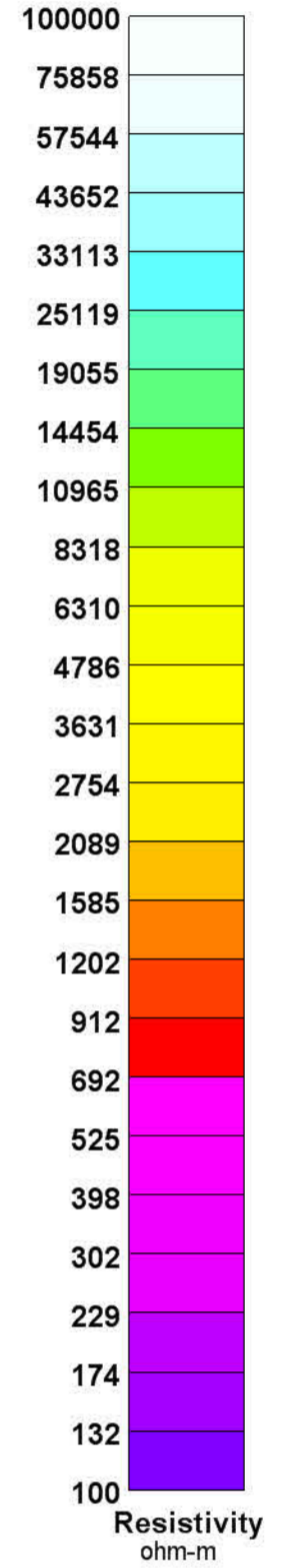
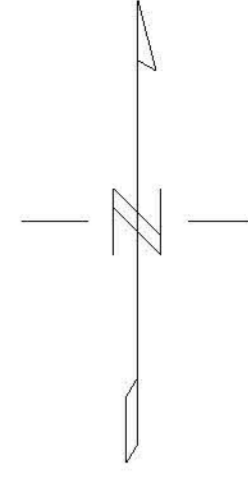
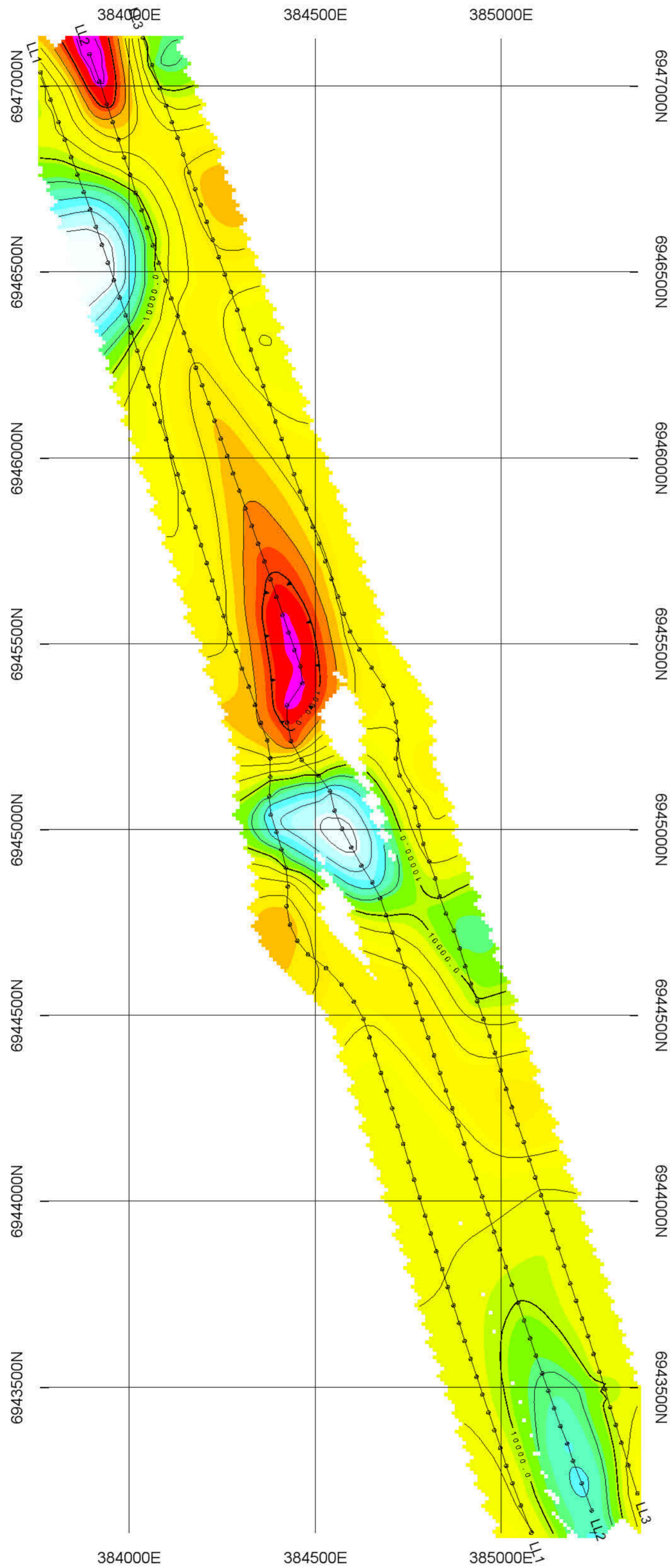
Date: July 2009

Project Ref. #: CA00656T

Approved by: KK



# 2D RESISTIVITY (Z=0m / PW MT Model) - UNCONSTRAINED PW (UNROTATED TM-TE MODEL) 2D MT RESISTIVITY



### SURVEY SPECIFICATIONS:

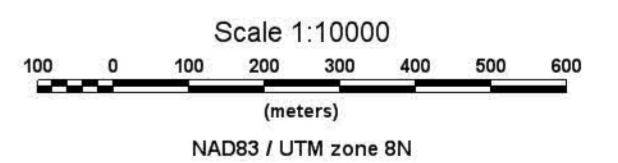
QCI TITAN-24 Distributed Array+Remote-Reference  
Coordinate System: UTM Coordinates  
Dipole Spacing: metres Array: Tensor AMT  
Operators: QGI - Jviolette+KMokubung

### PROCESSING HISTORY:

Data Acquisition: Time Series Sampling (60k+9600+120Hz)  
Time-Series Processing: Robust Statistics  
Processing Platform: Geotools(tm)  
Inversion: Unconstrained Unrotated PW 2D TM-TE MT  
Geotools Model rms misfit: Max5-10pct, Max25 iters

### PLOTTING PARAMETERS:

Grid Cell Size: 10 metres  
Gridding: Minimum Curvature Gridding  
Filter Applied: 0X Hanning Filter  
Contours: Logarithmic (5 levels/dec)  
Colour Zoning: Equal Area (Resis.tbl)



**Capstone Mining Corp.**

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Yukon, Canada  
**2D RESISTIVITY**  
**(Z=0m / PW MT Model)**

TITAN-24 ARRAY MAGNETOTELLURIC SURVEY  
UNCONSTRAINED PW (UNROTATED TM-TE MODEL) 2D MT RESISTIVITY



Surveyed & Processed by:  
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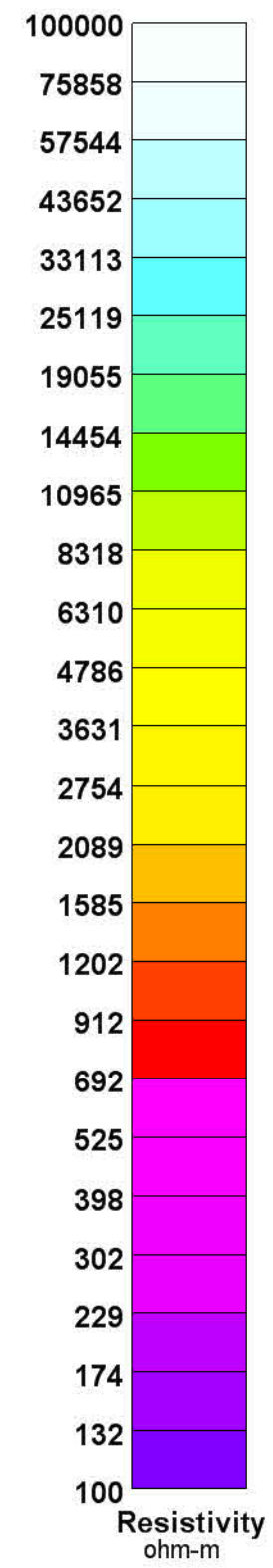
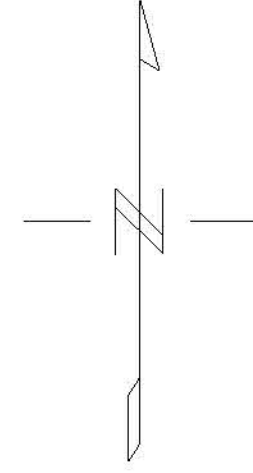
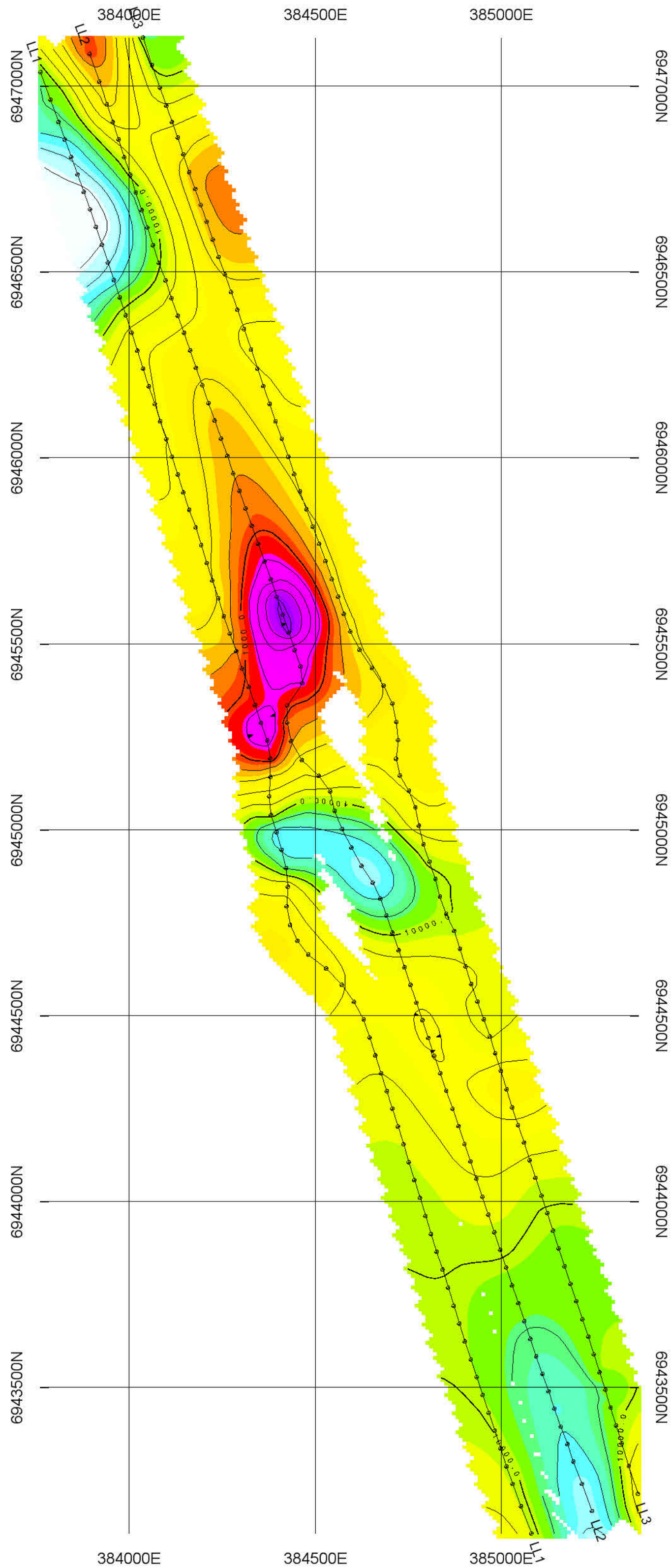
Date: July 2009

Project Ref. #: CA00656T

Approved by: KK



# 2D RESISTIVITY (Z=-200m / PW MT Model) - UNCONSTRAINED PW (UNROTATED TM-TE MODEL) 2D MT RESISTIVITY



### SURVEY SPECIFICATIONS:

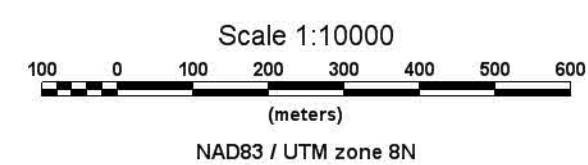
QCI TITAN-24 Distributed Array+Remote-Reference  
Coordinate System: UTM Coordinates  
Dipole Spacing: metres Array: Tensor AMT  
Operators: QGI - JViolette+KMokubung

### PROCESSING HISTORY:

Data Acquisition: Time Series Sampling (60k+9600+120Hz)  
Time-Series Processing: Robust Statistics  
Processing Platform: Geotools(tm)  
Inversion: Unconstrained Unrotated PW 2D TM-TE MT  
Geotools Model rms misfit: Max5-10pct, Max25 iters

### PLOTTING PARAMETERS:

Grid Cell Size: 10 metres  
Gridding: Minimum Curvature Gridding  
Filter Applied: 0X Hanning Filter  
Contours: Logarithmic (5 levels/dec)  
Colour Zoning: Equal Area (Resis.tbl)



**Capstone Mining Corp.**

Minto Mine  
Yukon, Canada

**2D RESISTIVITY  
(Z=-200m / PW MT Model)**  
TITAN-24 ARRAY MAGNETOTELLURIC SURVEY  
UNCONSTRAINED PW (UNROTATED TM-TE MODEL) 2D MT RESISTIVITY



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Date: July 2009

Project Ref. #: CA00656T

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