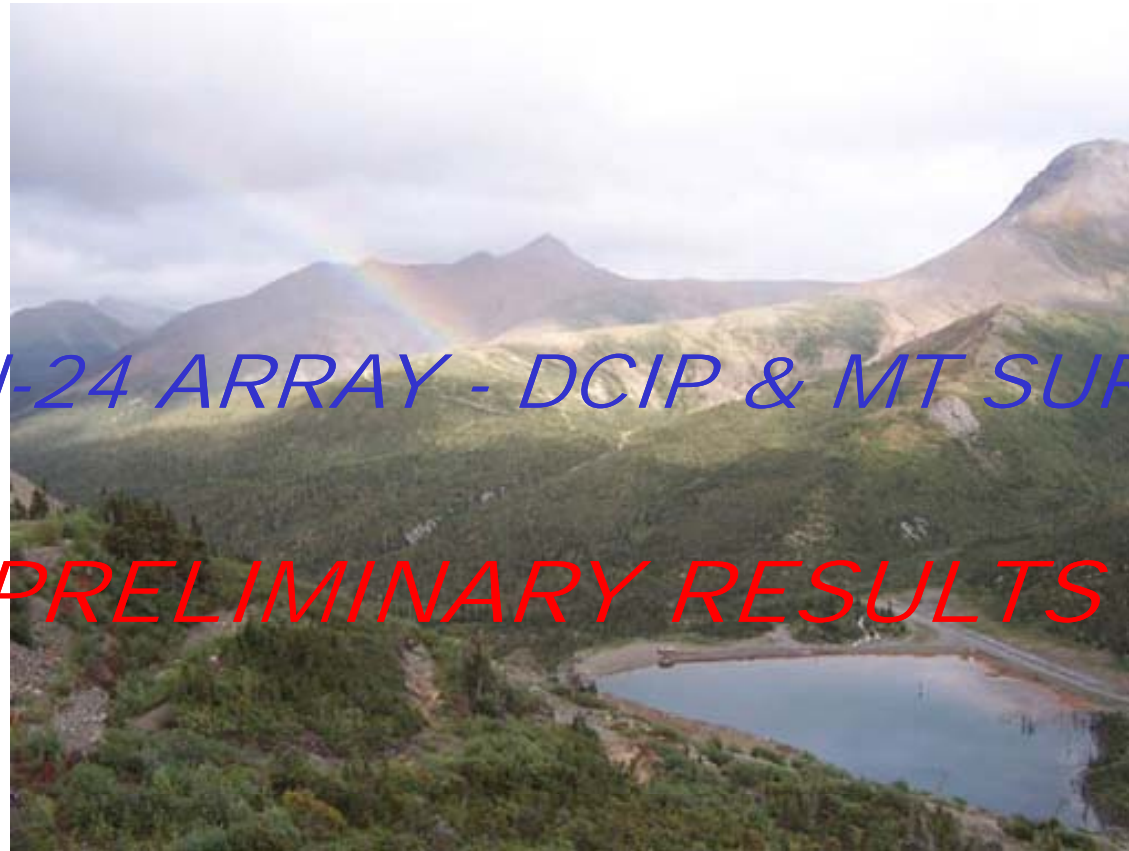


*KETZA PROJECT, KETZA RIVER HOLDINGS LTD  
QUANTEC PROJECT CA00681T*



*TITAN-24 ARRAY - DCIP & MT SURVEY*

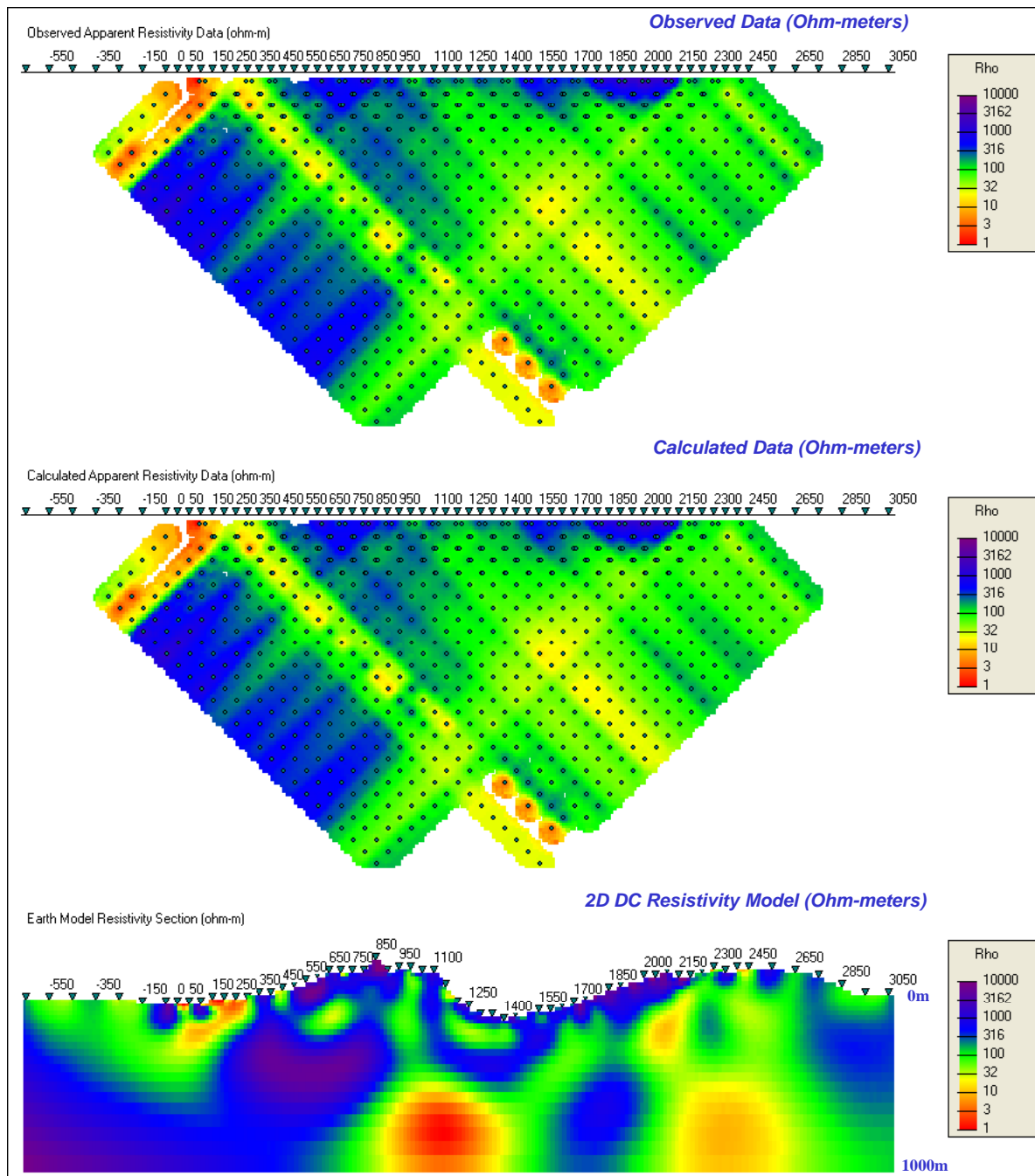
*PRELIMINARY RESULTS*

*LON : 2D DCIP and Tensor MT Inversion Models*



*E. Martinez, P.GEO. M.Sc.  
K. Killin, M.Sc. Project Manager  
Quantec Geoscience Ltd.  
August, 2009*

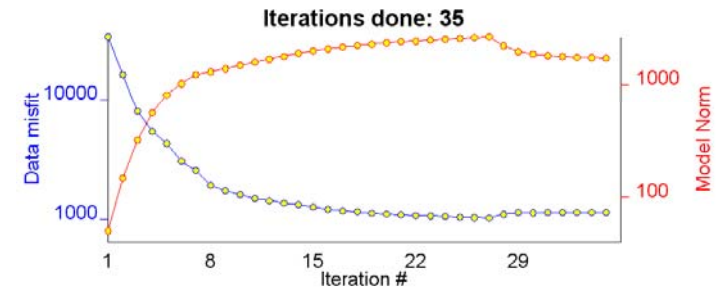
# LON- UBC 2D DC Resistivity Inversion Results (smDC)



## Inversion Parameters

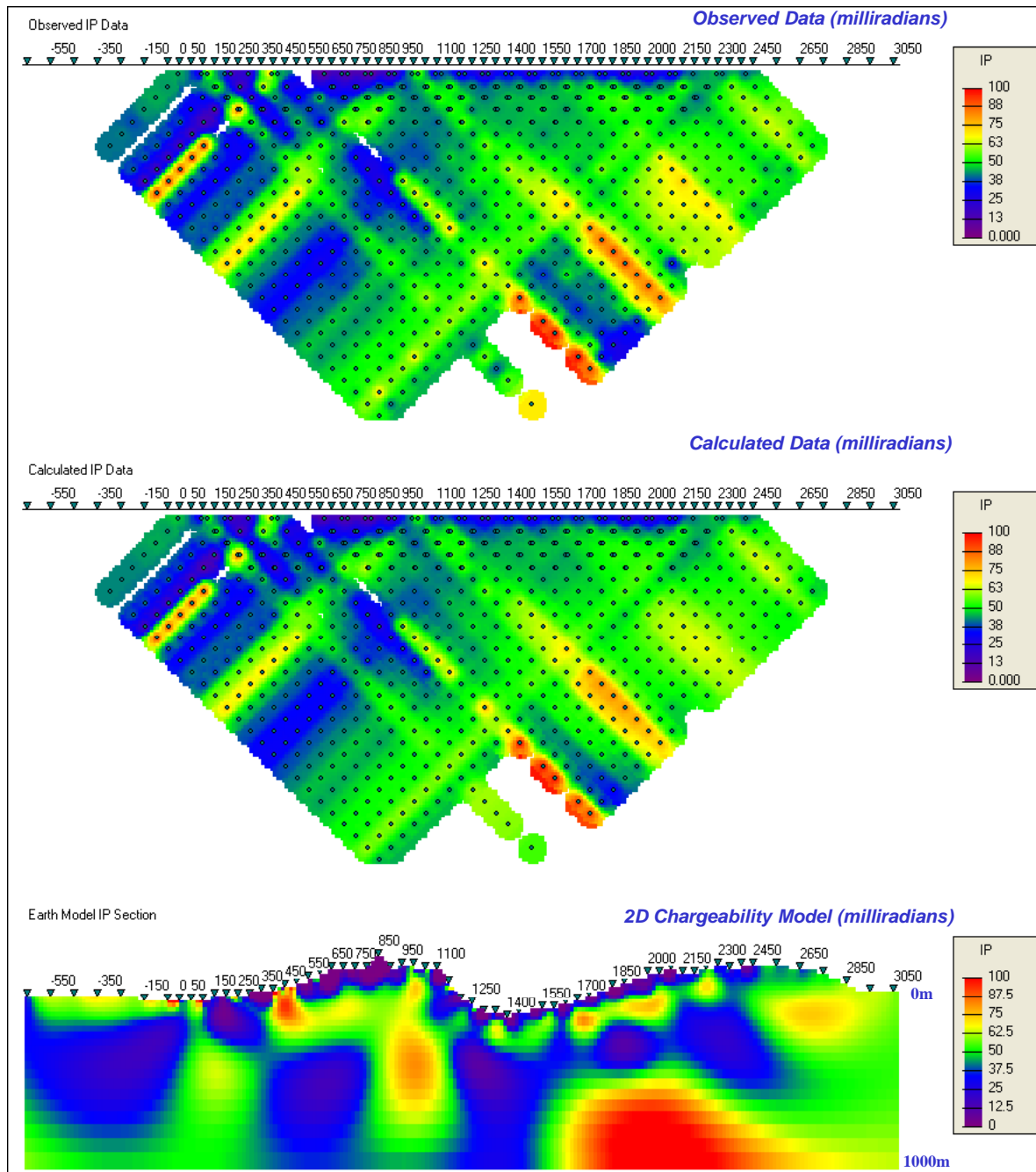
35 iter	data misfit	model norm	multiplier
0	4.65051E+04	0.00000E+00	0.00000E+00
1	3.28025E+04	5.05423E+01	2.59944E+01
32	1.14616E+03	1.77590E+03	5.27578E-01
33	1.14611E+03	1.75463E+03	4.88237E-01
34	1.14631E+03	1.73167E+03	5.08403E-01
35	1.14622E+03	1.71706E+03	4.80172E-01

1152 number of data



# LON- UBC 2D IP Chargeability Inversion Results (smIP nullcon)

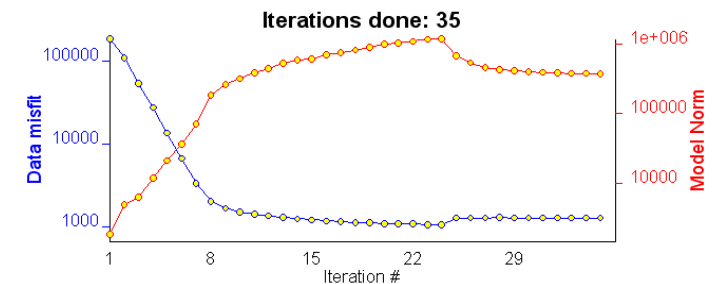
Smooth 2D IP Chargeability Inversion using homogeneous conductivity model



## Inversion Parameters

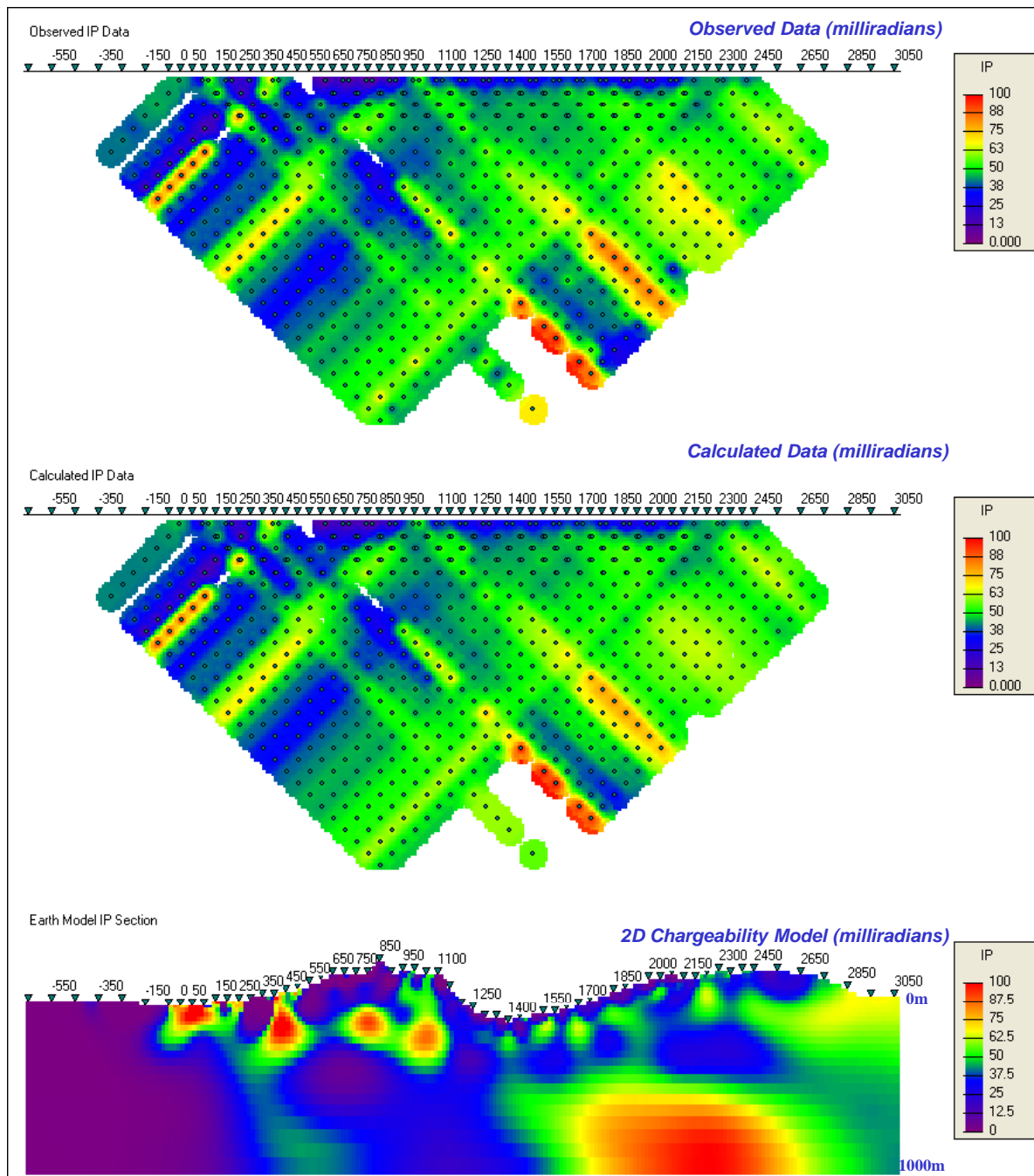
35 iter	data misfit	model norm	multiplier
0	3.59774E+05	0.00000E+00	0.00000E+00
1	1.86062E+05	1.87105E+03	5.37736E+02
33	1.29290E+03	3.89383E+05	1.40968E-03
34	1.29290E+03	3.84951E+05	1.40345E-03
35	1.29293E+03	3.81324E+05	1.36141E-03

1051 number of data



# LON- UBC 2D IP Chargeability Inversion Results (smIP)

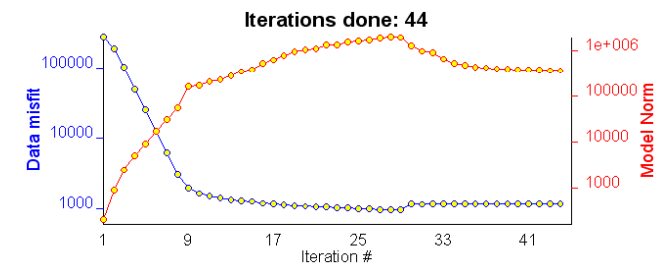
Smooth 2D IP Chargeability Inversion using Titan conductivity model



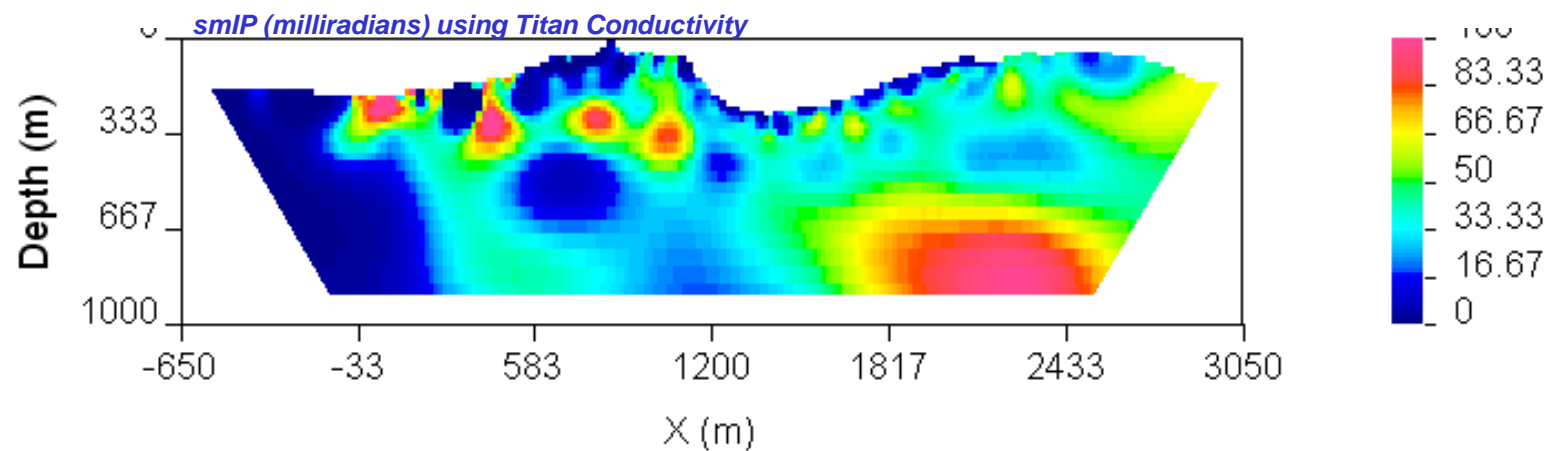
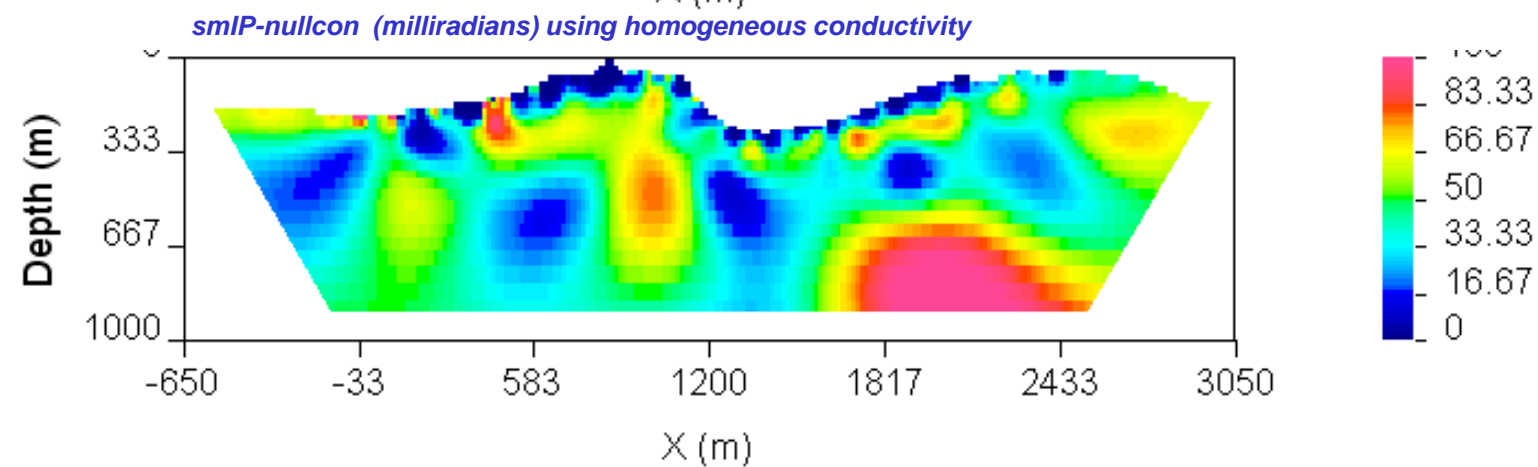
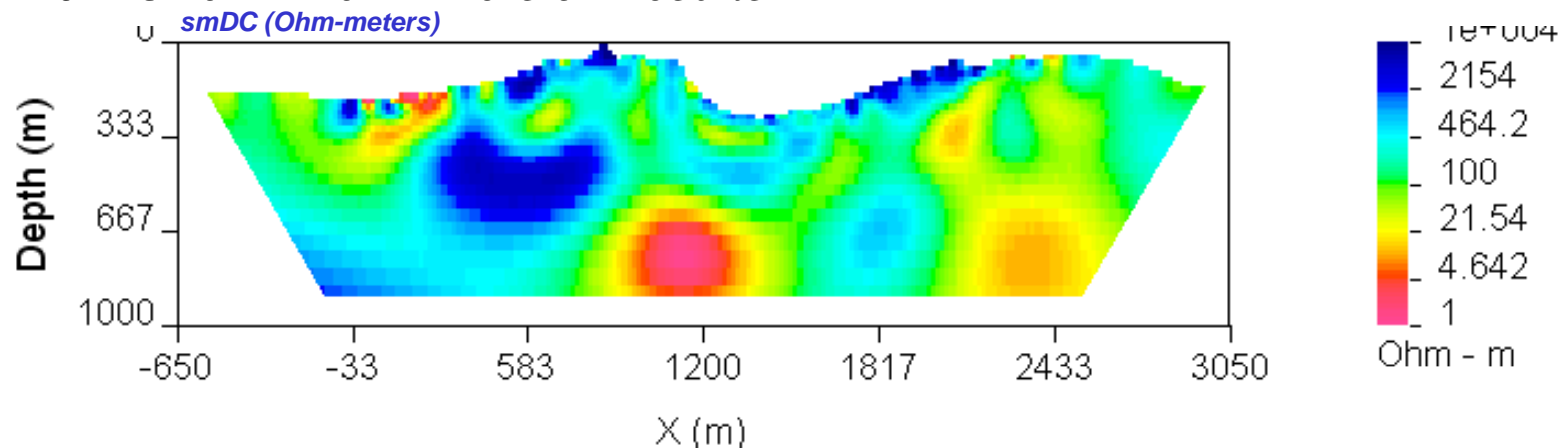
## Inversion Parameters

iter	data misfit	model norm	multiplier
0	3.59774E+05	0.00000E+00	0.00000E+00
1	2.73497E+05	2.13691E+02	8.55952E+02
2	1.87830E+05	9.22291E+02	1.17630E+02
42	1.17208E+03	3.69623E+05	1.11751E-03
43	1.17313E+03	3.63725E+05	1.20733E-03
44	1.17209E+03	3.60218E+05	1.12080E-03

1051 number of data

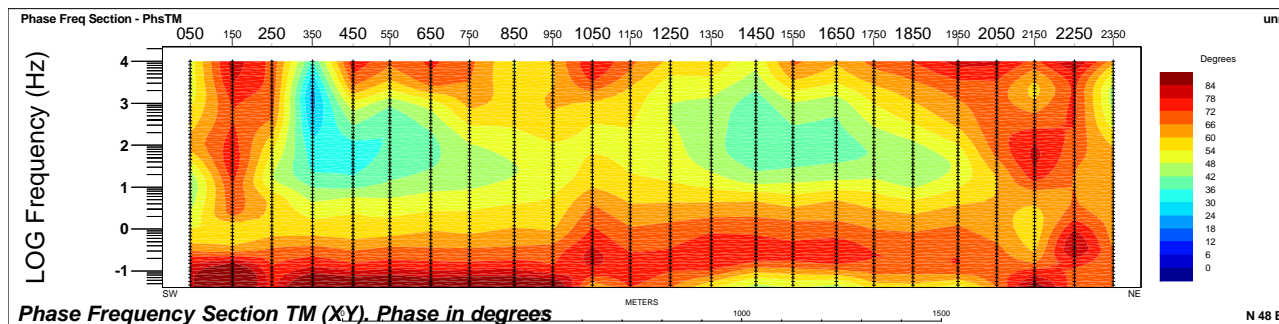
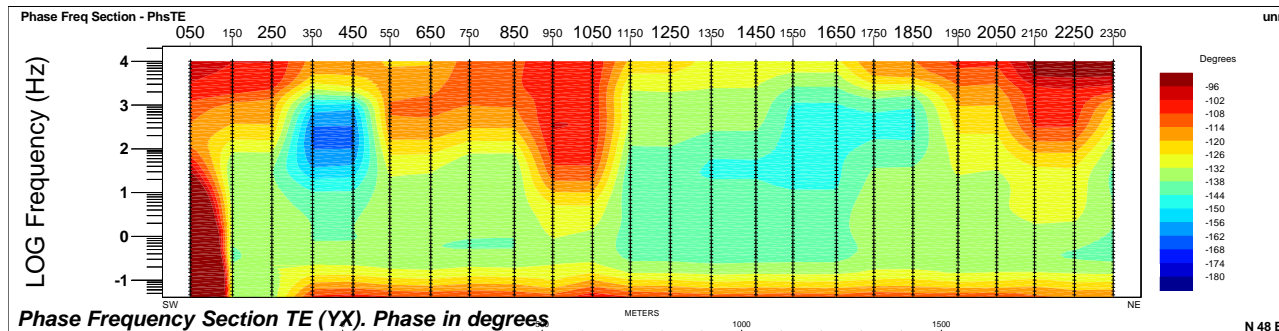
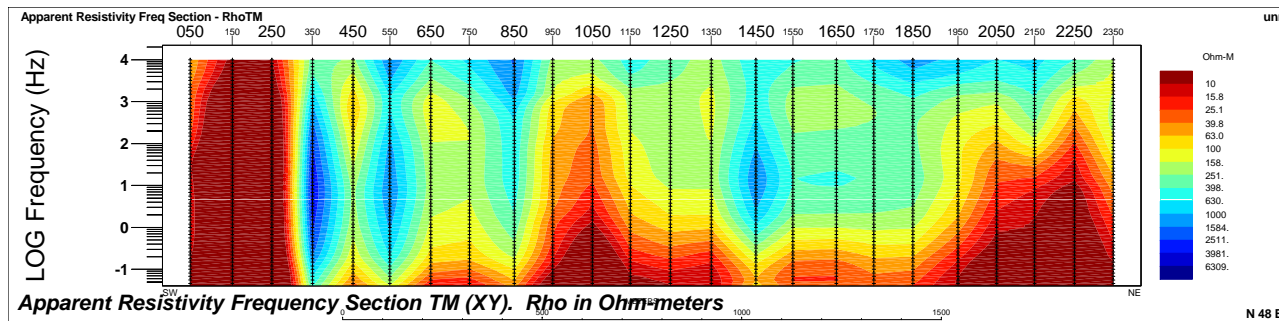
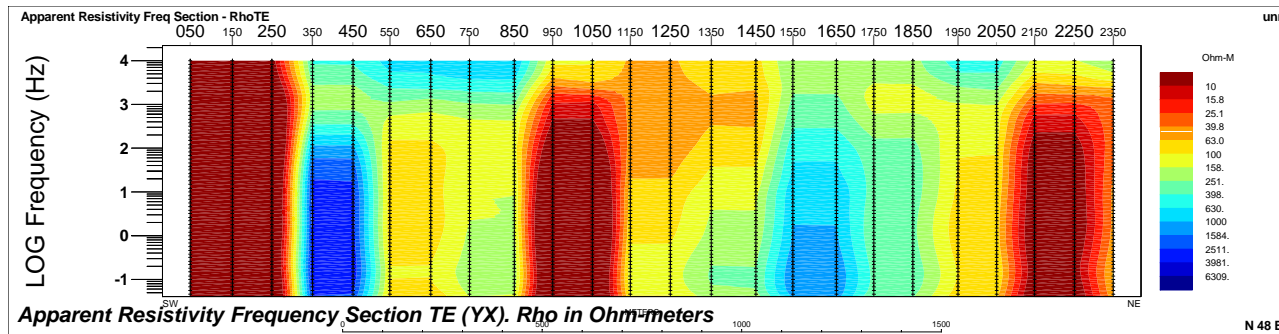


# LON- UBC 2D DCIP Inversion Results

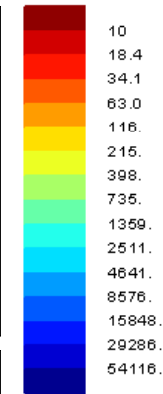




# LON- MT Interpolated Raw Data

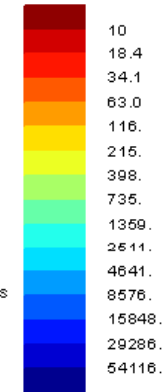


Ohm-M



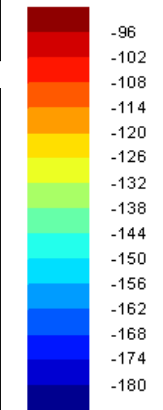
TM (XY) Rho  
Inline resistivity

Ohm-M



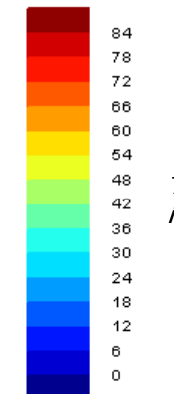
TE (YX) Rho  
Crossline resistivity

Degrees



TE (YX) Phs-  
crossline phase

Degrees



TM (XY) Phs  
inline phase

