

## 2009 Geophysical Report on the WS Claim Group

Claims: BC 1-28  
BC 35-144  
ICE 1-41  
SLEEP 13-18  
WS 1-196

Grant Numbers: YC 60184 – YC 60209  
YC 60218 – YC 60327  
YC 46784 – YC 46787  
YC 54407 – YC 54443  
YC 60134 – YC 601-39  
YC 53521 – YC 53602  
YC 53748 - YC 53821  
YC 53993 - YC 54032

Owned by Shawn Ryan (100%)

Located 31km NNW of Carmacks, Yukon  
Whitehorse Mining District  
NTS 115I/07

62<sup>0</sup> 18' 48"N  
136<sup>0</sup> 38' 30"W

For:

BCGold Corp  
Suite 1400, 625 Howe Street  
Vancouver BC  
V6C 2T6

Prepared by  
April Barrios, BSc, GIT  
And  
Geoff Newton, BSc, GIT

Work performed  
May 22nd-July 5th, 2008

***Abstract***

The WS claim group consists of 196 claims: WS 1–196. The claim group is located near Western Copper Corporation's Carmacks Copper Project in the Whitehorse Mining District of central Yukon. The claims are 100% owned by Shawn Ryan of Dawson City, YT and are under option to BCGold Corp. Exploration in this area stretches back to the turn of the century when copper mineralization was first discovered at Williams Creek some 40 km south of the Minto copper gold deposit. The claim group is underlain by Early Jurassic Aishihik Suite foliated and non-foliated granitoid rocks of the Granite Mountain Batholith (Hood et al, 2009). Field work conducted on claims WS 1-82 between May 22nd and July 5th consisted of a pole-dipole induced polarization survey. The geophysical survey outlined several anomalies and suggests the possibility of an extension of Western Copper Corporation's Zone 12 onto the northern portion of the WS claims covered by geophysical lines L162N and L159N. Geological mapping and prospecting and a tighter-spaced follow up induced polarization survey are recommended to define drill targets.

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## 1.0 Introduction and Terms of Reference

The WS claim group consists of 196 claims. The WS claim group is 100% owned by Shawn Ryan, of Dawson City, YT subject to an option agreement with BCGold Corp (“BCGold”) whereby BCGold can earn a 100% interest in the WS claim group as part of a larger set of claims located in the Carmacks copper-gold belt.

This report describes work completed from May 22<sup>nd</sup> to July 5<sup>th</sup> 2008 on the WS 1-82 claims to comply with assessment work reporting requirements under the Yukon Quartz Mining Act.

## 2.0 Reliance on Other Experts

This report is based upon the results of geophysical fieldwork supervised by Steven Kramer of Aurora Geosciences Ltd. (“Aurora”) and a geophysical summary report by Dave Hildes of Aurora for BCGold as well as publicly-available assessment reports and certain private reports prepared for and provided by BCGold. There is no reason to believe that any of this information is incorrect.

The author has relied on information provided by the Yukon Mining Recorder’s website to describe the mineral tenure status of the claim group. This information is believed to be correct.

## 3.0 Claim group Description and Location

The WS claim group is located 31 kilometres NW of Carmacks and 3 kilometres ESE of Western Copper Corporation’s (“Western Copper”) Carmacks Copper Project (Figs. 1, 2). The WS claims adjoin Western Copper’s W and WCC claims, on the southern end of their land holdings (Fig. 2). The WS claim group falls within the Whitehorse Mining District on NTS map sheet 1151/07 and is centered at an Easting of 416 500 and a Northing of 6 912 000. The WS claim group consists of claims BC 1-26, BC 35-144, ICE 1-41, SLEEP 13-18 and WS 1-196 (Fig. 3, Table 1).

The WS claim group claims were staked under the Yukon Quartz Mining Act in the Whitehorse Mining District. The WS Claims are all 100% owned by Shawn Ryan and are under option to BCGold (Table 1).

In accordance with the Yukon Quartz Mining Act, yearly extensions to the expiry dates of quartz claims are dependent upon conducting \$100 of work per claim or paying the equivalent cash in lieu of work. Work must be filed in the year the work was completed. Excess work can be used to extend expiry dates up to maximum of four years. Assessment costs can be applied to adjoining claims through filing a grouping certificate. The claims of the WS Claim Group were grouped under the new 2009 grouping regulations that allow groups of up to 750 claims. Filing a statement of work and costs and submission of an assessment report to the Whitehorse Mining Recorder verifying completion of the work, are also required no later than six months after the anniversary date of the claim.

The claims are located within the Traditional Territories of the Selkirk First Nation and the Little Salmon Carmacks First Nation. Both First Nations have a land claim settlement Agreement under the Yukon Umbrella Final Agreement (Doherty, 2007).



Figure 1: Carmacks area location map

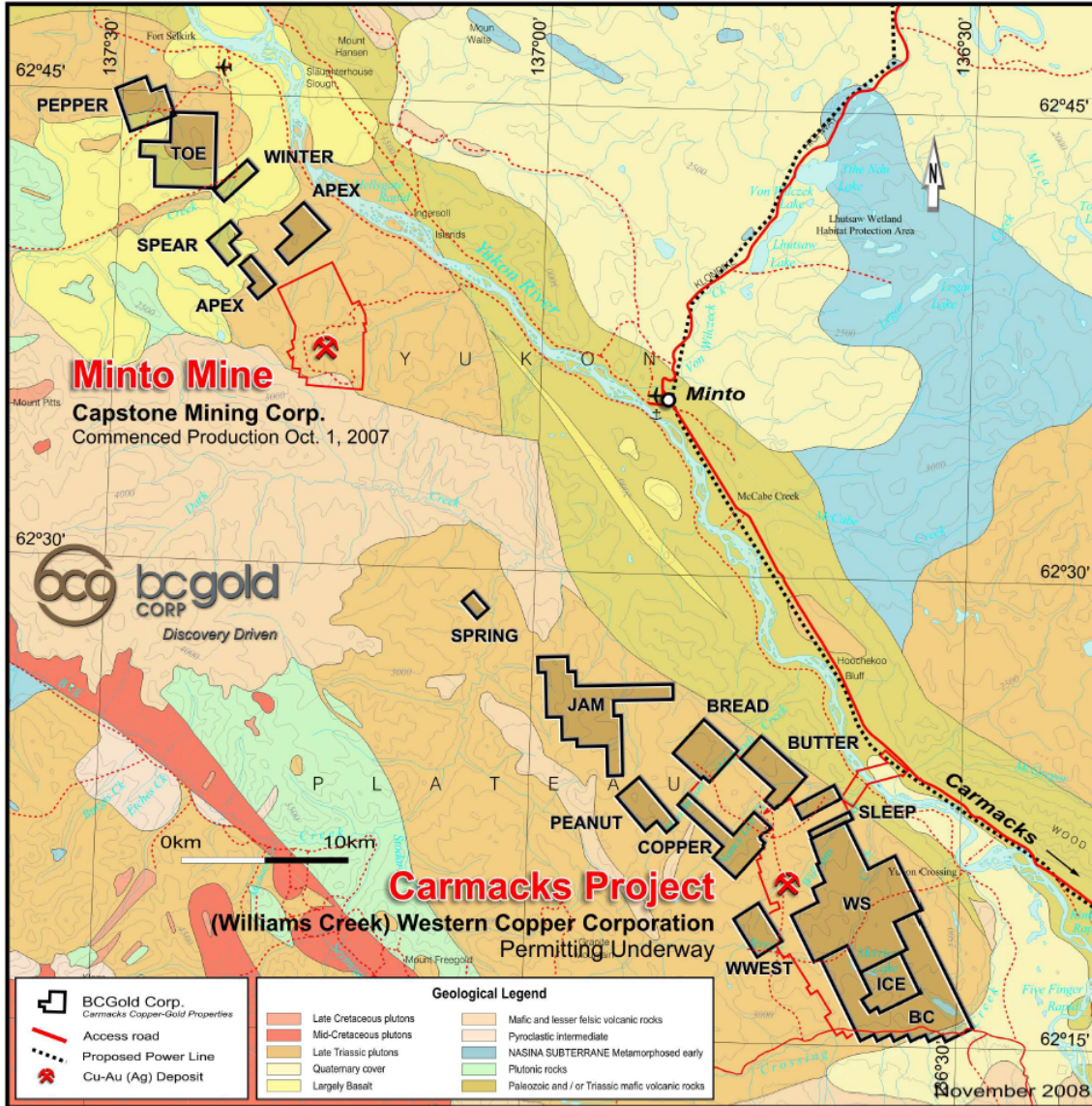


Figure 2: Carmacks regional geology and claim location map



**Table 1: WS Claim Data**

<b>Grant Number</b>	<b>Claim Name</b>	<b>Claim Number</b>	<b>Claim Owner</b>	<b>Recording Date</b>	<b>Claim Expiry Date</b>	<b>Status</b>	<b>NTS Map Number</b>
YC60184	BC	1	Shawn Ryan - 100%.	4/2/2007	4/2/2014	Active	115I07
YC60185	BC	2	Shawn Ryan - 100%.	4/2/2007	4/2/2014	Active	115I07
YC60186	BC	3	Shawn Ryan - 100%.	4/2/2007	4/2/2014	Active	115I07
YC60187	BC	4	Shawn Ryan - 100%.	4/2/2007	4/2/2014	Active	115I07
YC60188	BC	5	Shawn Ryan - 100%.	4/2/2007	4/2/2014	Active	115I07
YC60189	BC	6	Shawn Ryan - 100%.	4/2/2007	4/2/2014	Active	115I07
YC60190	BC	7	Shawn Ryan - 100%.	4/2/2007	4/2/2014	Active	115I07
YC60191	BC	8	Shawn Ryan - 100%.	4/2/2007	4/2/2014	Active	115I07
YC60192	BC	9	Shawn Ryan - 100%.	4/2/2007	4/2/2014	Active	115I07
YC60193	BC	10	Shawn Ryan - 100%.	4/2/2007	4/2/2014	Active	115I07
YC60194	BC	11	Shawn Ryan - 100%.	4/2/2007	4/2/2014	Active	115I07
YC60195	BC	12	Shawn Ryan - 100%.	4/2/2007	4/2/2014	Active	115I07
YC60196	BC	13	Shawn Ryan - 100%.	4/2/2007	4/2/2014	Active	115I07
YC60197	BC	14	Shawn Ryan - 100%.	4/2/2007	4/2/2014	Active	115I07
YC60198	BC	15	Shawn Ryan - 100%.	4/2/2007	4/2/2014	Active	115I07
YC60199	BC	16	Shawn Ryan - 100%.	4/2/2007	4/2/2014	Active	115I07
YC60200	BC	17	Shawn Ryan - 100%.	4/2/2007	4/2/2014	Active	115I07
YC60201	BC	18	Shawn Ryan - 100%.	4/2/2007	4/2/2014	Active	115I07
YC60202	BC	19	Shawn Ryan - 100%.	4/2/2007	4/2/2014	Active	115I07
YC60203	BC	20	Shawn Ryan - 100%.	4/2/2007	4/2/2014	Active	115I07
YC60204	BC	21	Shawn Ryan - 100%.	4/2/2007	4/2/2014	Active	115I07
YC60205	BC	22	Shawn Ryan - 100%.	4/2/2007	4/2/2014	Active	115I07
YC60206	BC	23	Shawn Ryan - 100%.	4/2/2007	4/2/2014	Active	115I07
YC60207	BC	24	Shawn Ryan - 100%.	4/2/2007	4/2/2014	Active	115I07
YC60208	BC	25	Shawn Ryan - 100%.	4/2/2007	4/2/2014	Active	115I07
YC60209	BC	26	Shawn Ryan - 100%.	4/2/2007	4/2/2014	Active	115I07
YC60218	BC	35	Shawn Ryan - 100%.	4/2/2007	4/2/2014	Active	115I07
YC60219	BC	36	Shawn Ryan - 100%.	4/2/2007	4/2/2014	Active	115I07
YC60220	BC	37	Shawn Ryan - 100%.	4/2/2007	4/2/2014	Active	115I07
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YC60227	BC	44	Shawn Ryan - 100%.	4/2/2007	4/2/2014	Active	115I07
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YC60230	BC	47	Shawn Ryan - 100%.	4/2/2007	4/2/2014	Active	115I07
YC60231	BC	48	Shawn Ryan - 100%.	4/2/2007	4/2/2014	Active	115I07
YC60232	BC	49	Shawn Ryan - 100%.	4/2/2007	4/2/2014	Active	115I07
YC60233	BC	50	Shawn Ryan - 100%.	4/2/2007	4/2/2014	Active	115I07
YC60234	BC	51	Shawn Ryan - 100%.	4/2/2007	4/2/2014	Active	115I07
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YC60238	BC	55	Shawn Ryan - 100%.	4/2/2007	4/2/2014	Active	115I07
YC60239	BC	56	Shawn Ryan - 100%.	4/2/2007	4/2/2014	Active	115I07
YC60240	BC	57	Shawn Ryan - 100%.	4/2/2007	4/2/2014	Active	115I07
YC60241	BC	58	Shawn Ryan - 100%.	4/2/2007	4/2/2014	Active	115I07
YC60242	BC	59	Shawn Ryan - 100%.	4/2/2007	4/2/2014	Active	115I07
YC60243	BC	60	Shawn Ryan - 100%.	4/2/2007	4/2/2014	Active	115I07
YC60244	BC	61	Shawn Ryan - 100%.	4/2/2007	4/2/2014	Active	115I07
YC60245	BC	62	Shawn Ryan - 100%.	4/2/2007	4/2/2014	Active	115I07
YC60246	BC	63	Shawn Ryan - 100%.	4/2/2007	4/2/2014	Active	115I07
YC60247	BC	64	Shawn Ryan - 100%.	4/2/2007	4/2/2014	Active	115I07
YC60248	BC	65	Shawn Ryan - 100%.	4/2/2007	4/2/2014	Active	115I07
YC60249	BC	66	Shawn Ryan - 100%.	4/2/2007	4/2/2014	Active	115I07
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YC60251	BC	68	Shawn Ryan - 100%.	4/2/2007	4/2/2014	Active	115I07
YC60252	BC	69	Shawn Ryan - 100%.	4/2/2007	4/2/2014	Active	115I07
YC60253	BC	70	Shawn Ryan - 100%.	4/2/2007	4/2/2014	Active	115I07
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YC60270	BC	87	Shawn Ryan - 100%.	4/2/2007	4/2/2014	Active	115I07
YC60271	BC	88	Shawn Ryan - 100%.	4/2/2007	4/2/2014	Active	115I07
YC60272	BC	89	Shawn Ryan - 100%.	4/2/2007	4/2/2014	Active	115I07
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YC60278	BC	95	Shawn Ryan - 100%.	4/2/2007	4/2/2014	Active	115I07
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YC60280	BC	97	Shawn Ryan - 100%.	4/2/2007	4/2/2014	Active	115I07
YC60281	BC	98	Shawn Ryan - 100%.	4/2/2007	4/2/2014	Active	115I07

<b>Grant Number</b>	<b>Claim Name</b>	<b>Claim Number</b>	<b>Claim Owner</b>	<b>Recording Date</b>	<b>Claim Expiry Date</b>	<b>Status</b>	<b>NTS Map Number</b>
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YC60283	BC	100	Shawn Ryan - 100%.	4/2/2007	4/2/2014	Active	115I07
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YC60324	BC	141	Shawn Ryan - 100%.	4/2/2007	4/2/2014	Active	115I07
YC60325	BC	142	Shawn Ryan - 100%.	4/2/2007	4/2/2014	Active	115I07
YC60326	BC	143	Shawn Ryan - 100%.	4/2/2007	4/2/2014	Active	115I07
YC60327	BC	144	Shawn Ryan - 100%.	4/2/2007	4/2/2014	Active	115I07

Grant Number	Claim Name	Claim Number	Claim Owner	Recording Date	Claim Expiry Date	Status	NTS Map Number
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YC46785	ICE	2	Shawn Ryan - 100%.	4/12/2006	4/12/2014	Active	115I07
YC46786	ICE	3	Shawn Ryan - 100%.	4/12/2006	4/12/2014	Active	115I07
YC46787	ICE	4	Shawn Ryan - 100%.	4/12/2006	4/12/2014	Active	115I07
YC54407	ICE	5	Shawn Ryan - 100%.	11/28/2006	11/28/2012	Active	115I07
YC54408	ICE	6	Shawn Ryan - 100%.	11/28/2006	11/28/2012	Active	115I07
YC54409	ICE	7	Shawn Ryan - 100%.	11/28/2006	11/28/2012	Active	115I07
YC54410	ICE	8	Shawn Ryan - 100%.	11/28/2006	11/28/2012	Active	115I07
YC54411	ICE	9	Shawn Ryan - 100%.	11/28/2006	11/28/2012	Active	115I07
YC54412	ICE	10	Shawn Ryan - 100%.	11/28/2006	11/28/2012	Active	115I07
YC54413	ICE	11	Shawn Ryan - 100%.	11/28/2006	11/28/2012	Active	115I07
YC54414	ICE	12	Shawn Ryan - 100%.	11/28/2006	11/28/2012	Active	115I07
YC54415	ICE	13	Shawn Ryan - 100%.	11/28/2006	11/28/2012	Active	115I07
YC54416	ICE	14	Shawn Ryan - 100%.	11/28/2006	11/28/2012	Active	115I07
YC54417	ICE	15	Shawn Ryan - 100%.	11/28/2006	11/28/2012	Active	115I07
YC54418	ICE	16	Shawn Ryan - 100%.	11/28/2006	11/28/2012	Active	115I07
YC54419	ICE	17	Shawn Ryan - 100%.	11/28/2006	11/28/2012	Active	115I07
YC54420	ICE	18	Shawn Ryan - 100%.	11/28/2006	11/28/2012	Active	115I07
YC54421	ICE	19	Shawn Ryan - 100%.	11/28/2006	11/28/2012	Active	115I07
YC54422	ICE	20	Shawn Ryan - 100%.	11/28/2006	11/28/2012	Active	115I07
YC54423	ICE	21	Shawn Ryan - 100%.	11/28/2006	11/28/2012	Active	115I07
YC54424	ICE	22	Shawn Ryan - 100%.	11/28/2006	11/28/2012	Active	115I07
YC54425	ICE	23	Shawn Ryan - 100%.	11/28/2006	11/28/2012	Active	115I07
YC54426	ICE	24	Shawn Ryan - 100%.	11/28/2006	11/28/2012	Active	115I07
YC54427	ICE	25	Shawn Ryan - 100%.	11/28/2006	11/28/2012	Active	115I07
YC54428	ICE	26	Shawn Ryan - 100%.	11/28/2006	11/28/2012	Active	115I07
YC54429	ICE	27	Shawn Ryan - 100%.	11/28/2006	11/28/2012	Active	115I07
YC54430	ICE	28	Shawn Ryan - 100%.	11/28/2006	11/28/2012	Active	115I07
YC54431	ICE	29	Shawn Ryan - 100%.	11/28/2006	11/28/2012	Active	115I07
YC54432	ICE	30	Shawn Ryan - 100%.	11/28/2006	11/28/2012	Active	115I07
YC54433	ICE	31	Shawn Ryan - 100%.	11/28/2006	11/28/2012	Active	115I07
YC54434	ICE	32	Shawn Ryan - 100%.	11/28/2006	11/28/2012	Active	115I07
YC54435	ICE	33	Shawn Ryan - 100%.	11/28/2006	11/28/2012	Active	115I07
YC54436	ICE	34	Shawn Ryan - 100%.	11/28/2006	11/28/2012	Active	115I07
YC54437	ICE	35	Shawn Ryan - 100%.	11/28/2006	11/28/2012	Active	115I07
YC54438	ICE	36	Shawn Ryan - 100%.	11/28/2006	11/28/2012	Active	115I07
YC54439	ICE	37	Shawn Ryan - 100%.	11/28/2006	11/28/2012	Active	115I07
YC54440	ICE	38	Shawn Ryan - 100%.	11/28/2006	11/28/2012	Active	115I07
YC54441	ICE	39	Shawn Ryan - 100%.	11/28/2006	11/28/2012	Active	115I07
YC54442	ICE	40	Shawn Ryan - 100%.	11/28/2006	11/28/2012	Active	115I07
YC54443	ICE	41	Shawn Ryan - 100%.	11/28/2006	11/28/2012	Active	115I07
YC60134	SLEEP	13	Shawn Ryan - 100%.	4/2/2007	4/2/2014	Active	115I07
YC60135	SLEEP	14	Shawn Ryan - 100%.	4/2/2007	4/2/2014	Active	115I07
YC60136	SLEEP	15	Shawn Ryan - 100%.	4/2/2007	4/2/2014	Active	115I07
YC60137	SLEEP	16	Shawn Ryan - 100%.	4/2/2007	4/2/2014	Active	115I07
YC60138	SLEEP	17	Shawn Ryan - 100%.	4/2/2007	4/2/2014	Active	115I07

Grant Number	Claim Name	Claim Number	Claim Owner	Recording Date	Claim Expiry Date	Status	NTS Map Number
YC60139	SLEEP	18	Shawn Ryan - 100%.	4/2/2007	4/2/2014	Active	115I07
YC53521	WS	1	Shawn Ryan - 100%.	8/11/2006	8/11/2012	Active	115I07
YC53522	WS	2	Shawn Ryan - 100%.	8/11/2006	8/11/2012	Active	115I07
YC53523	WS	3	Shawn Ryan - 100%.	8/11/2006	8/11/2012	Active	115I07
YC53524	WS	4	Shawn Ryan - 100%.	8/11/2006	8/11/2012	Active	115I07
YC53525	WS	5	Shawn Ryan - 100%.	8/11/2006	8/11/2012	Active	115I07
YC53526	WS	6	Shawn Ryan - 100%.	8/11/2006	8/11/2012	Active	115I07
YC53527	WS	7	Shawn Ryan - 100%.	8/11/2006	8/11/2012	Active	115I07
YC53528	WS	8	Shawn Ryan - 100%.	8/11/2006	8/11/2012	Active	115I07
YC53529	WS	9	Shawn Ryan - 100%.	8/11/2006	8/11/2012	Active	115I07
YC53530	WS	10	Shawn Ryan - 100%.	8/11/2006	8/11/2012	Active	115I07
YC53531	WS	11	Shawn Ryan - 100%.	8/11/2006	8/11/2012	Active	115I07
YC53532	WS	12	Shawn Ryan - 100%.	8/11/2006	8/11/2012	Active	115I07
YC53533	WS	13	Shawn Ryan - 100%.	8/11/2006	8/11/2012	Active	115I07
YC53534	WS	14	Shawn Ryan - 100%.	8/11/2006	8/11/2012	Active	115I07
YC53535	WS	15	Shawn Ryan - 100%.	8/11/2006	8/11/2012	Active	115I07
YC53536	WS	16	Shawn Ryan - 100%.	8/11/2006	8/11/2012	Active	115I07
YC53537	WS	17	Shawn Ryan - 100%.	8/11/2006	8/11/2012	Active	115I07
YC53538	WS	18	Shawn Ryan - 100%.	8/11/2006	8/11/2012	Active	115I07
YC53539	WS	19	Shawn Ryan - 100%.	8/11/2006	8/11/2012	Active	115I07
YC53540	WS	20	Shawn Ryan - 100%.	8/11/2006	8/11/2012	Active	115I07
YC53541	WS	21	Shawn Ryan - 100%.	8/11/2006	8/11/2012	Active	115I07
YC53542	WS	22	Shawn Ryan - 100%.	8/11/2006	8/11/2012	Active	115I07
YC53543	WS	23	Shawn Ryan - 100%.	8/11/2006	8/11/2012	Active	115I07
YC53544	WS	24	Shawn Ryan - 100%.	8/11/2006	8/11/2012	Active	115I07
YC53545	WS	25	Shawn Ryan - 100%.	8/11/2006	8/11/2012	Active	115I07
YC53546	WS	26	Shawn Ryan - 100%.	8/11/2006	8/11/2012	Active	115I07
YC53547	WS	27	Shawn Ryan - 100%.	8/11/2006	8/11/2012	Active	115I07
YC53548	WS	28	Shawn Ryan - 100%.	8/11/2006	8/11/2012	Active	115I07
YC53549	WS	29	Shawn Ryan - 100%.	8/11/2006	8/11/2012	Active	115I07
YC53550	WS	30	Shawn Ryan - 100%.	8/11/2006	8/11/2012	Active	115I07
YC53551	WS	31	Shawn Ryan - 100%.	8/11/2006	8/11/2012	Active	115I07
YC53552	WS	32	Shawn Ryan - 100%.	8/11/2006	8/11/2012	Active	115I07
YC53553	WS	33	Shawn Ryan - 100%.	8/11/2006	8/11/2012	Active	115I07
YC53554	WS	34	Shawn Ryan - 100%.	8/11/2006	8/11/2012	Active	115I07
YC53555	WS	35	Shawn Ryan - 100%.	8/11/2006	8/11/2012	Active	115I07
YC53556	WS	36	Shawn Ryan - 100%.	8/11/2006	8/11/2012	Active	115I07
YC53557	WS	37	Shawn Ryan - 100%.	8/11/2006	8/11/2012	Active	115I07
YC53558	WS	38	Shawn Ryan - 100%.	8/11/2006	8/11/2012	Active	115I07
YC53559	WS	39	Shawn Ryan - 100%.	8/11/2006	8/11/2012	Active	115I07
YC53560	WS	40	Shawn Ryan - 100%.	8/11/2006	8/11/2012	Active	115I07
YC53561	WS	41	Shawn Ryan - 100%.	8/11/2006	8/11/2012	Active	115I07
YC53562	WS	42	Shawn Ryan - 100%.	8/11/2006	8/11/2012	Active	115I07
YC53563	WS	43	Shawn Ryan - 100%.	8/11/2006	8/11/2012	Active	115I07
YC53564	WS	44	Shawn Ryan - 100%.	8/11/2006	8/11/2012	Active	115I07
YC53565	WS	45	Shawn Ryan - 100%.	8/11/2006	8/11/2012	Active	115I07

<b>Grant Number</b>	<b>Claim Name</b>	<b>Claim Number</b>	<b>Claim Owner</b>	<b>Recording Date</b>	<b>Claim Expiry Date</b>	<b>Status</b>	<b>NTS Map Number</b>
YC53566	WS	46	Shawn Ryan - 100%.	8/11/2006	8/11/2012	Active	115I07
YC53567	WS	47	Shawn Ryan - 100%.	8/11/2006	8/11/2012	Active	115I07
YC53568	WS	48	Shawn Ryan - 100%.	8/11/2006	8/11/2012	Active	115I07
YC53569	WS	49	Shawn Ryan - 100%.	8/11/2006	8/11/2012	Active	115I07
YC53570	WS	50	Shawn Ryan - 100%.	8/11/2006	8/11/2012	Active	115I07
YC53571	WS	51	Shawn Ryan - 100%.	8/11/2006	8/11/2012	Active	115I07
YC53572	WS	52	Shawn Ryan - 100%.	8/11/2006	8/11/2012	Active	115I07
YC53573	WS	53	Shawn Ryan - 100%.	8/11/2006	8/11/2012	Active	115I07
YC53574	WS	54	Shawn Ryan - 100%.	8/11/2006	8/11/2012	Active	115I07
YC53575	WS	55	Shawn Ryan - 100%.	8/11/2006	8/11/2012	Active	115I07
YC53576	WS	56	Shawn Ryan - 100%.	8/11/2006	8/11/2012	Active	115I07
YC53577	WS	57	Shawn Ryan - 100%.	8/11/2006	8/11/2012	Active	115I07
YC53578	WS	58	Shawn Ryan - 100%.	8/11/2006	8/11/2012	Active	115I07
YC53579	WS	59	Shawn Ryan - 100%.	8/11/2006	8/11/2012	Active	115I07
YC53580	WS	60	Shawn Ryan - 100%.	8/11/2006	8/11/2012	Active	115I07
YC53581	WS	61	Shawn Ryan - 100%.	8/11/2006	8/11/2012	Active	115I07
YC53582	WS	62	Shawn Ryan - 100%.	8/11/2006	8/11/2012	Active	115I07
YC53583	WS	63	Shawn Ryan - 100%.	8/11/2006	8/11/2012	Active	115I07
YC53584	WS	64	Shawn Ryan - 100%.	8/11/2006	8/11/2012	Active	115I07
YC53585	WS	65	Shawn Ryan - 100%.	8/11/2006	8/11/2012	Active	115I07
YC53586	WS	66	Shawn Ryan - 100%.	8/11/2006	8/11/2012	Active	115I07
YC53587	WS	67	Shawn Ryan - 100%.	8/11/2006	8/11/2012	Active	115I07
YC53588	WS	68	Shawn Ryan - 100%.	8/11/2006	8/11/2012	Active	115I07
YC53589	WS	69	Shawn Ryan - 100%.	8/11/2006	8/11/2012	Active	115I07
YC53590	WS	70	Shawn Ryan - 100%.	8/11/2006	8/11/2012	Active	115I07
YC53591	WS	71	Shawn Ryan - 100%.	8/11/2006	8/11/2012	Active	115I07
YC53592	WS	72	Shawn Ryan - 100%.	8/11/2006	8/11/2012	Active	115I07
YC53593	WS	73	Shawn Ryan - 100%.	8/11/2006	8/11/2012	Active	115I07
YC53594	WS	74	Shawn Ryan - 100%.	8/11/2006	8/11/2012	Active	115I07
YC53595	WS	75	Shawn Ryan - 100%.	8/11/2006	8/11/2012	Active	115I07
YC53596	WS	76	Shawn Ryan - 100%.	8/11/2006	8/11/2012	Active	115I07
YC53597	WS	77	Shawn Ryan - 100%.	8/11/2006	8/11/2012	Active	115I07
YC53598	WS	78	Shawn Ryan - 100%.	8/11/2006	8/11/2012	Active	115I07
YC53599	WS	79	Shawn Ryan - 100%.	8/11/2006	8/11/2012	Active	115I07
YC53600	WS	80	Shawn Ryan - 100%.	8/11/2006	8/11/2012	Active	115I07
YC53601	WS	81	Shawn Ryan - 100%.	8/11/2006	8/11/2012	Active	115I07
YC53602	WS	82	Shawn Ryan - 100%.	8/11/2006	8/11/2012	Active	115I07
YC53748	WS	83	Shawn Ryan - 100%.	8/23/2006	8/23/2012	Active	115I07
YC53749	WS	84	Shawn Ryan - 100%.	8/23/2006	8/23/2012	Active	115I07
YC53750	WS	85	Shawn Ryan - 100%.	8/23/2006	8/23/2012	Active	115I07
YC53751	WS	86	Shawn Ryan - 100%.	8/23/2006	8/23/2012	Active	115I07
YC53752	WS	87	Shawn Ryan - 100%.	8/23/2006	8/23/2012	Active	115I07
YC53753	WS	88	Shawn Ryan - 100%.	8/23/2006	8/23/2012	Active	115I07
YC53754	WS	89	Shawn Ryan - 100%.	8/23/2006	8/23/2012	Active	115I07
YC53755	WS	90	Shawn Ryan - 100%.	8/23/2006	8/23/2012	Active	115I07
YC53756	WS	91	Shawn Ryan - 100%.	8/23/2006	8/23/2012	Active	115I07

Grant Number	Claim Name	Claim Number	Claim Owner	Recording Date	Claim Expiry Date	Status	NTS Map Number
YC53757	WS	92	Shawn Ryan - 100%.	8/23/2006	8/23/2012	Active	115I07
YC53758	WS	93	Shawn Ryan - 100%.	8/23/2006	8/23/2012	Active	115I07
YC53759	WS	94	Shawn Ryan - 100%.	8/23/2006	8/23/2012	Active	115I07
YC53760	WS	95	Shawn Ryan - 100%.	8/23/2006	8/23/2012	Active	115I07
YC53761	WS	96	Shawn Ryan - 100%.	8/23/2006	8/23/2012	Active	115I07
YC53762	WS	97	Shawn Ryan - 100%.	8/23/2006	8/23/2012	Active	115I07
YC53763	WS	98	Shawn Ryan - 100%.	8/23/2006	8/23/2012	Active	115I07
YC53764	WS	99	Shawn Ryan - 100%.	8/23/2006	8/23/2012	Active	115I07
YC53765	WS	100	Shawn Ryan - 100%.	8/23/2006	8/23/2012	Active	115I07
YC53766	WS	101	Shawn Ryan - 100%.	8/23/2006	8/23/2012	Active	115I07
YC53767	WS	102	Shawn Ryan - 100%.	8/23/2006	8/23/2012	Active	115I07
YC53768	WS	103	Shawn Ryan - 100%.	8/23/2006	8/23/2012	Active	115I07
YC53769	WS	104	Shawn Ryan - 100%.	8/23/2006	8/23/2012	Active	115I07
YC53770	WS	105	Shawn Ryan - 100%.	8/23/2006	8/23/2012	Active	115I07
YC53771	WS	106	Shawn Ryan - 100%.	8/23/2006	8/23/2012	Active	115I07
YC53772	WS	107	Shawn Ryan - 100%.	8/23/2006	8/23/2012	Active	115I07
YC53773	WS	108	Shawn Ryan - 100%.	8/23/2006	8/23/2012	Active	115I07
YC53774	WS	109	Shawn Ryan - 100%.	8/23/2006	8/23/2012	Active	115I07
YC53775	WS	110	Shawn Ryan - 100%.	8/23/2006	8/23/2012	Active	115I07
YC53776	WS	111	Shawn Ryan - 100%.	8/23/2006	8/23/2012	Active	115I07
YC53777	WS	112	Shawn Ryan - 100%.	8/23/2006	8/23/2012	Active	115I07
YC53778	WS	113	Shawn Ryan - 100%.	8/23/2006	8/23/2012	Active	115I07
YC53779	WS	114	Shawn Ryan - 100%.	8/23/2006	8/23/2012	Active	115I07
YC53780	WS	115	Shawn Ryan - 100%.	8/23/2006	8/23/2012	Active	115I07
YC53781	WS	116	Shawn Ryan - 100%.	8/23/2006	8/23/2012	Active	115I07
YC53782	WS	117	Shawn Ryan - 100%.	8/23/2006	8/23/2012	Active	115I07
YC53783	WS	118	Shawn Ryan - 100%.	8/23/2006	8/23/2012	Active	115I07
YC53784	WS	119	Shawn Ryan - 100%.	8/23/2006	8/23/2012	Active	115I07
YC53785	WS	120	Shawn Ryan - 100%.	8/23/2006	8/23/2012	Active	115I07
YC53786	WS	121	Shawn Ryan - 100%.	8/23/2006	8/23/2012	Active	115I07
YC53787	WS	122	Shawn Ryan - 100%.	8/23/2006	8/23/2012	Active	115I07
YC53788	WS	123	Shawn Ryan - 100%.	8/23/2006	8/23/2012	Active	115I07
YC53789	WS	124	Shawn Ryan - 100%.	8/23/2006	8/23/2012	Active	115I07
YC53790	WS	125	Shawn Ryan - 100%.	8/23/2006	8/23/2012	Active	115I07
YC53791	WS	126	Shawn Ryan - 100%.	8/23/2006	8/23/2012	Active	115I07
YC53792	WS	127	Shawn Ryan - 100%.	8/23/2006	8/23/2012	Active	115I07
YC53793	WS	128	Shawn Ryan - 100%.	8/23/2006	8/23/2012	Active	115I07
YC53794	WS	129	Shawn Ryan - 100%.	8/23/2006	8/23/2012	Active	115I07
YC53795	WS	130	Shawn Ryan - 100%.	8/23/2006	8/23/2012	Active	115I07
YC53796	WS	131	Shawn Ryan - 100%.	8/23/2006	8/23/2012	Active	115I07
YC53797	WS	132	Shawn Ryan - 100%.	8/23/2006	8/23/2012	Active	115I07
YC53798	WS	133	Shawn Ryan - 100%.	8/23/2006	8/23/2012	Active	115I07
YC53799	WS	134	Shawn Ryan - 100%.	8/23/2006	8/23/2012	Active	115I07
YC53800	WS	135	Shawn Ryan - 100%.	8/23/2006	8/23/2012	Active	115I07
YC53801	WS	136	Shawn Ryan - 100%.	8/23/2006	8/23/2012	Active	115I07
YC53802	WS	137	Shawn Ryan - 100%.	8/23/2006	8/23/2012	Active	115I07

<b>Grant Number</b>	<b>Claim Name</b>	<b>Claim Number</b>	<b>Claim Owner</b>	<b>Recording Date</b>	<b>Claim Expiry Date</b>	<b>Status</b>	<b>NTS Map Number</b>
YC53803	WS	138	Shawn Ryan - 100%.	8/23/2006	8/23/2012	Active	115I07
YC53804	WS	139	Shawn Ryan - 100%.	8/23/2006	8/23/2012	Active	115I07
YC53805	WS	140	Shawn Ryan - 100%.	8/23/2006	8/23/2012	Active	115I07
YC53806	WS	141	Shawn Ryan - 100%.	8/23/2006	8/23/2012	Active	115I07
YC53807	WS	142	Shawn Ryan - 100%.	8/23/2006	8/23/2012	Active	115I07
YC53808	WS	143	Shawn Ryan - 100%.	8/23/2006	8/23/2012	Active	115I07
YC53809	WS	144	Shawn Ryan - 100%.	8/23/2006	8/23/2012	Active	115I07
YC53810	WS	145	Shawn Ryan - 100%.	8/23/2006	8/23/2012	Active	115I07
YC53811	WS	146	Shawn Ryan - 100%.	8/23/2006	8/23/2012	Active	115I07
YC53812	WS	147	Shawn Ryan - 100%.	8/23/2006	8/23/2012	Active	115I07
YC53813	WS	148	Shawn Ryan - 100%.	8/23/2006	8/23/2012	Active	115I07
YC53814	WS	149	Shawn Ryan - 100%.	8/23/2006	8/23/2012	Active	115I07
YC53815	WS	150	Shawn Ryan - 100%.	8/23/2006	8/23/2012	Active	115I07
YC53816	WS	151	Shawn Ryan - 100%.	8/23/2006	8/23/2012	Active	115I07
YC53817	WS	152	Shawn Ryan - 100%.	8/23/2006	8/23/2012	Active	115I07
YC53818	WS	153	Shawn Ryan - 100%.	8/23/2006	8/23/2012	Active	115I07
YC53819	WS	154	Shawn Ryan - 100%.	8/23/2006	8/23/2012	Active	115I07
YC53820	WS	155	Shawn Ryan - 100%.	8/23/2006	8/23/2012	Active	115I07
YC53821	WS	156	Shawn Ryan - 100%.	8/23/2006	8/23/2012	Active	115I07
YC53993	WS	157	Shawn Ryan - 100%.	10/4/2006	10/4/2012	Active	115I06
YC53994	WS	158	Shawn Ryan - 100%.	10/4/2006	10/4/2012	Active	115I06
YC53995	WS	159	Shawn Ryan - 100%.	10/4/2006	10/4/2012	Active	115I06
YC53996	WS	160	Shawn Ryan - 100%.	10/4/2006	10/4/2012	Active	115I06
YC53997	WS	161	Shawn Ryan - 100%.	10/4/2006	10/4/2012	Active	115I06
YC53998	WS	162	Shawn Ryan - 100%.	10/4/2006	10/4/2012	Active	115I06
YC53999	WS	163	Shawn Ryan - 100%.	10/4/2006	10/4/2012	Active	115I06
YC54000	WS	164	Shawn Ryan - 100%.	10/4/2006	10/4/2012	Active	115I06
YC54001	WS	165	Shawn Ryan - 100%.	10/4/2006	10/4/2012	Active	115I06
YC54002	WS	166	Shawn Ryan - 100%.	10/4/2006	10/4/2012	Active	115I06
YC54003	WS	167	Shawn Ryan - 100%.	10/4/2006	10/4/2012	Active	115I06
YC54004	WS	168	Shawn Ryan - 100%.	10/4/2006	10/4/2012	Active	115I06
YC54005	WS	169	Shawn Ryan - 100%.	10/4/2006	10/4/2012	Active	115I05
YC54006	WS	170	Shawn Ryan - 100%.	10/4/2006	10/4/2012	Active	115I05
YC54007	WS	171	Shawn Ryan - 100%.	10/4/2006	10/4/2012	Active	115I05
YC54008	WS	172	Shawn Ryan - 100%.	10/4/2006	10/4/2012	Active	115I05
YC54009	WS	173	Shawn Ryan - 100%.	10/4/2006	10/4/2012	Active	115I05
YC54010	WS	174	Shawn Ryan - 100%.	10/4/2006	10/4/2012	Active	115I05
YC54011	WS	175	Shawn Ryan - 100%.	10/4/2006	10/4/2012	Active	115I05
YC54012	WS	176	Shawn Ryan - 100%.	10/4/2006	10/4/2012	Active	115I05
YC54013	WS	177	Shawn Ryan - 100%.	10/4/2006	10/4/2012	Active	115I05
YC54014	WS	178	Shawn Ryan - 100%.	10/4/2006	10/4/2012	Active	115I05
YC54015	WS	179	Shawn Ryan - 100%.	10/4/2006	10/4/2012	Active	115I05
YC54016	WS	180	Shawn Ryan - 100%.	10/4/2006	10/4/2012	Active	115I05
YC54017	WS	181	Shawn Ryan - 100%.	10/4/2006	10/4/2012	Active	115I05
YC54018	WS	182	Shawn Ryan - 100%.	10/4/2006	10/4/2012	Active	115I05
YC54019	WS	183	Shawn Ryan - 100%.	10/4/2006	10/4/2012	Active	115I07



Grant Number	Claim Name	Claim Number	Claim Owner	Recording Date	Claim Expiry Date	Status	NTS Map Number
YC54020	WS	184	Shawn Ryan - 100%.	10/4/2006	10/4/2012	Active	115I07
YC54021	WS	185	Shawn Ryan - 100%.	10/4/2006	10/4/2012	Active	115I07
YC54022	WS	186	Shawn Ryan - 100%.	10/4/2006	10/4/2012	Active	115I07
YC54023	WS	187	Shawn Ryan - 100%.	10/4/2006	10/4/2012	Active	115I07
YC54024	WS	188	Shawn Ryan - 100%.	10/4/2006	10/4/2012	Active	115I07
YC54025	WS	189	Shawn Ryan - 100%.	10/4/2006	10/4/2012	Active	115I07
YC54026	WS	190	Shawn Ryan - 100%.	10/4/2006	10/4/2012	Active	115I07
YC54027	WS	191	Shawn Ryan - 100%.	10/4/2006	10/4/2012	Active	115I07
YC54028	WS	192	Shawn Ryan - 100%.	10/4/2006	10/4/2012	Active	115I07
YC54029	WS	193	Shawn Ryan - 100%.	10/4/2006	10/4/2012	Active	115I07
YC54030	WS	194	Shawn Ryan - 100%.	10/4/2006	10/4/2012	Active	115I07
YC54031	WS	195	Shawn Ryan - 100%.	10/4/2006	10/4/2012	Active	115I07
YC54032	WS	196	Shawn Ryan - 100%.	10/4/2006	10/4/2012	Active	115I07

Source: Yukon Mining Recorder Website.

## 4.0. Accessibility, Climate, Local Resources, Infrastructure and Physiography

The western parts of the WS Claim Group can be accessed by ATV trails leading east from the 13km access road to Western Copper's Carmacks Copper Project Camp. The start of this road is located at kilometre 34 of the Freegold Road from Carmacks, YT. The southern part of the property can be accessed directly from the Freegold Road (Fig. 3). The eastern part of the property is only accessible by foot or helicopter

Low precipitation and a wide temperature range characterize the climate. Winters are cold, and temperatures of -30° C to -40° C are common. Summers are moderately cool to hot, with daily highs of 15° C to 30° C. The Town of Carmacks is the closest centre for obtaining groceries, fuel, accommodation and some limited rental and contracted exploration services. Trans North Helicopters maintains a summer helicopter base at Carmacks.

## 5.0 History

The area covered by the WS claims has seen some prior reconnaissance exploration work as part of the claim group work around the Williams Creek deposit primarily by Hudson Bay Exploration. There are two Minfile occurrences within the WS claim bounds; Bishi (115I 006) and Taslar (115I 007). Both were staked in the early 1970's on aeromagnetic anomalies.

In 2007 BCGold completed an airborne magnetic and radiometric survey over the claims as part of a regional airborne survey.

In December 2007 and 2008 Aurora Geosciences completed an IP survey on the ICE and WS claims for BCGold.

BCGold conducted MMI soil sampling, geological mapping and prospecting on the WS and surrounding claims during the 2007 and 2008 field seasons.

## 6.0 Geology

### 6.1 Regional Geology

The WS claims are located approximately 3-7 kilometres south of Western Copper Corporation's Carmacks Copper Project copper-gold deposits. This area of the Yukon is bounded by the Stikinia Terrane rocks to the east, Yukon Tanana Terrane rocks to the north and the Coast Plutonic Complex rocks to the west. The Minto Mine and Carmacks Copper Project copper-gold deposits are hosted within foliated biotite rich granodiorite and granitic rocks of the Early Jurassic Aishihik Suite.

### 6.2 Claim group Geology

The WS claims are located south of the Carmacks Copper Project deposit and north of the Freegold Road. Rocks underlying the claim group are primarily foliated to non-foliated hornblende-biotite granodiorite with aplite dykes. Traces of malachite were noted in a few locations. Magnetite and 1-2% epidote were noted in a number of locations. Outcrop is scarce (< 5%) and normally confined to rounded ridge tops and stream cuts.

## 7.0 Exploration Programs

### 7.1 Line Cutting

A field crew from Coureur des Bois Ltd. of Whitehorse, YT cut the 22.1 line-kilometer IP grid on the WS claim block from May 22<sup>nd</sup> to June 12<sup>th</sup> 2008 (Figs. 3, 4.).

### 7.2 Pole-Dipole Induced Polarization Survey

A field crew from Aurora conducted a pole-dipole induced polarization survey at 100m dipole spacing from June 13<sup>th</sup> to July 5<sup>th</sup>. During the June and July survey, the following lines were surveyed: L 135N, L 141N, L 147N, L 152N, L 155N, L 159N and L 162N (Figs. 3 and 4). Aurora prepared a two-dimensional inversion and interpretation of the survey results. Copies of all pseudosections and inverted sections are included (Figs. 5 to 28). Details of the survey and interpretation are included in appendices 1, 2 and 3. The digital data from the survey is included in appendix 4, on the CD-ROM included with this report.

## 8.0 Results and Interpretation

The WS claims are located immediately south of Western Coppers Zone 12, 12E and 13. A test IP survey line surveyed by Aurora for Western Copper over Western Copper's line L4400, which cuts Zones 12, 12E and 13, showed deep weakly elevated chargeability and a low resistivity signature using 100m dipole spacing (Hildes, 2008).

The central sections of lines 162 and 159, located immediately south of Western Coppers Zones 12, 12E and 13, outlined areas of broad and weakly elevated chargeability (Figs. 4, 11, 12, 25 and 27). The resistivity along lines 159 and 162 shows subtle resistivity lows centered at approximately station 11500 (Figs. 4, 11, 12, 26 and 28). "The fact that this zone is on strike with Western Copper's Zone 12 and has a similar chargeability signature suggests this area as a target (Hildes, 2008)" (Fig. 3).

The moderate chargeability high/resistivity low feature discussed above could potentially be the extension of a buried orebody such as Zone 12. The feature is trending southeast from L 162N to L 159N.

At approximately station 12300 on line L 162N there is also a zone of moderately high chargeability and lower resistivity (Figs. 12, 27 and 28). The 2D inversion models this zone as a chargeable low-resistivity feature (Figs. 27 and 28). The feature is not as apparent on L 159N (Figs. 11, 25 and 26). This feature is southeast of Western Copper's zone 14 and assuming a similar NW-SE trend for zone 14 as displayed by most of their ore zones, including zones 12, 12E and 13, could potentially be the extension of a buried orebody such as Zone 14 (Fig. 3).

There is minimal variation in chargeability across lines 155 and 152 (Figs. 9, 10, 21, 22, 23 and 24). A resistive feature which starts at station 12000 on L 162 appears to continue from lines 162 and 159 trending slightly grid east towards station 11800 on L155. The most prominent feature on these lines (L 152N and L 155N) is the elevated chargeability coupled with the reduced resistivity on the far eastern parts of the lines (Hildes, 2008).

Lines 149, 147 and 141 have elevated chargeability around station 10600; especially distinct on line 141 (Hildes, 2008) (Figs. 4, 6 and 15).

## 9.0 Recommendations

The anomalies identified by the pole-dipole induced polarization survey should be thoroughly mapped and prospected. Priority should be given to the higher-chargeability features on lines L159N and L 162N that appear to be on strike with Western Copper's known ore zones. If mapping and prospecting results support Aurora's drilling recommendations (Appendix 3) then the target should be tested by diamond drilling. If there is insufficient outcrop to confirm drill targets, a closer-spaced follow up pole-dipole or dipole-dipole induced polarization survey could be run over the chargeability anomalies to better define drill targets. If a second survey is run, consideration should be given to extending lines L 152N and L 155N further to the east to better define and constrain the chargeability anomalies at the eastern ends of the existing lines.

## 10.0 Statement of Costs

<b>WS 1-82 Claims</b>	<b>YC53521 – YC53602</b>	<b>NTS 115I/07</b>
<b>WS 83-156 Claims</b>	<b>YC53748 - YC53821</b>	<b>NTS 115I/07</b>
<b>WS 157-196 Claims</b>	<b>YC54019 - YC54032</b>	<b>NTS 115I/07</b>

Certificates of work were filed in May 2008 on NTS 115I/07 the work was completed May 22nd to July 5<sup>th</sup>, 2008 on the following claims:

<b>WS 1-34</b>	<b>YC53521 – YC53554</b>
<b>WS 36</b>	<b>YC 53556</b>
<b>WS 38-39</b>	<b>YC53558 - YC53559</b>
<b>WS 42-46</b>	<b>YC53562 - YC53566</b>
<b>WS 48</b>	<b>YC53568</b>
<b>WS 58</b>	<b>YC53578</b>
<b>WS 60</b>	<b>YC53580</b>
<b>WS 78</b>	<b>YC53598</b>
<b>WS 81-82</b>	<b>YC53601 – YC53602</b>

A total of **\$124,648.49** was spent on these claims

Renewals were requested for

<b>ICE 1-4 Claims</b>	<b>YC46784-YC46787</b>	<b>NTS 115I/07</b>
<b>ICE 5-41 Claims</b>	<b>YC54407-YC54443</b>	<b>NTS 115I/07</b>
<b>SLEEP 13-18 Claims</b>	<b>YC60134-YC60139</b>	<b>NTS 115I/07</b>
<b>BC 1-26 Claims</b>	<b>YC60184-YC60209</b>	<b>NTS 115I/07</b>
<b>BC 27-144 Claims</b>	<b>YC60218-YC60327</b>	<b>NTS 115I/07</b>

Table 2 shows a summary of statement of costs for linecutting and IP survey conducted on the WS claims during the 2008 season.

**Table 2: Detailed Statement of Work**

<b>Item</b>	<b>Cost</b>
Coureur des Bois Ltd. 23-Jun-08	\$30,544.41
Total invoices from Coureur des Bois Ltd. Were \$144,291.47 for 104.4km of linecutting. The average cost per km was \$1,382.10. Coureur des Bois cut 22.1km of line on the WS claims, for an estimated cost of \$30,544.41	
Aurora Geosciences Ltd. 31-Jul-08	\$50,296.29
Total invoices from Aurora Geosciences Ltd. were \$197,771.17 for 86.9km of IP surveys. The average cost per km was \$2,275.85. Aurora Surveyed 22.1km of line on the WS claims, for an estimated cost of \$50,296.29	
Trans North Helicopters 31-May-08	\$22,192.19
9-Jun-08	\$21,165.95
Total invoices from Trans North Helicopters were \$43,358.15 for support of linecutting and IP surveys. The average cost per line-km was \$1,961.19	
<b>Total</b>	<b>\$124,648.49</b>

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Geoff Newton, BSc, G.I.T.  
Project Geologist  
October 1st, 2009

## 11.0 Certificate of Qualifications

### 11.1 Fieldwork Supervisor

I, Geoff Newton, hereby certify that:

1. I am a Project Geologist with BCGold Corp, #1400, 625 Howe Street, Vancouver, BC, V6C 2T6
2. I am a graduate of Laurentian University, with a degree in Geology (B.Sc. Honours, 2005).
3. I have been involved in mineral exploration in the Yukon continuously since 2005.
4. I am a member in good standing of the Association of Professional Engineers and Geoscientists of British Columbia and have been registered as a Geoscientist in training since 2008.
5. I was the supervisor of the fieldwork on the WS Claim Group. The report is based on fieldwork conducted from May 22<sup>nd</sup> to July 5<sup>th</sup>, 2008 and company files.

---

Geoff Newton, G.I.T.  
Project Geologist  
**BCGold Corp**  
October 1st, 2009

### 11.2 Author

I, April Barrios, of #5 411 3<sup>rd</sup> Ave New Westminster in the Province of British Columbia hereby certify that:

- 1) I am a graduate of the University of Victoria (2004) and hold a B.Sc. Degree in Earth and Ocean Science
- 2) I am a self-employed Consulting Geologist
- 3) I am member in good standing with the Association of Professional Engineers and Geoscientists of British Columbia Canada and have been registered as a Geoscientist-in-training (#144798) since 2007
- 4) I have been employed in my profession as Geologist continuously since graduation, and worked periodically in geology while attending University.
- 5) This report is based upon data collected by BCGold Corp staff on their Carmacks claims including the **WS Claim group** in the Whitehorse Mining District during the 2008 field season under the supervision of Geoff Newton (GIT).
- 6) I hold no interest in the Carmacks Project Claims.

Dated this 1st of October 2009 at New Westminster BC Canada.

*April Barrios* 1 October, 2009

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April Barrios, G.I.T.

## 12.0 References

Doherty, R.A. 2007. Assessment Report on the APEX 1-39 Claims (YC 47182 – YC 47220) Wolverine Creek Area, Yukon. Yukon Assessment Report #

Hildes, Dave 2008. Aurora Geosciences Ltd. Memorandum, October 15<sup>th</sup>, 2008; *BCGold 2008 IP Survey – Interpretation Supplement*.

Hood, S., Hickey, K., Colpron, M. and Mercer, B. 2009. High-grade hydrothermal copper-gold mineralization in foliated granitoids at the Minto mine, central Yukon. *Yukon Exploration and Geology* 2008: 137-146.

Mortensen, J.K. and Tafti, R.. 2003. Nature and origin of copper-gold mineralization at the Minto and Williams Creek deposits, west-central Yukon: Preliminary investigations. *Yukon Exploration and Geology* 2002: 175-182.

Sidhu, Gary 2009. Technical Report for the WS Claims. Target Evaluation. Yukon Mining Incentive Program. Carmacks Area Yukon.

## **Appendix 1**

### **Aurora Geosciences Ltd. Field Crew Log**



## SURVEY LOG

### BCG-8533-YT BC Gold Carmacks IP

CREW:	Crew chief	Steven Kramar	June 13 - July 12 /2008
	Tech	Luc Harvey	June 13 - July 12 /2008
	Helper	Mike Krause	June 13 - July 12 /2008
	Helper	Dan Mawhinney	June 13 - July 12 /2008

Date	Grid	IP/DC Resistivity		Total	Survey type #2		Total	Work	Remarks
		Lines	Stations	(line-km)	Lines	Stations	(line-km)	Hours	
June 13 2008	WS							10	Crew mobed into camp, Location 413922E 6910488W (NAD83 Zn7N) Camp was set up survey will commence June 14. Weather was acceptable, mild rain for short periods. Helicopter used was Jet Ranger from Trans-North, (Dick was pilot) 5 Sling loads and 2 Internals needed. Celeste was driver, used rental truck.
									Expenses: A few items were needed to be purchased, light grocery items+snacks, (Porter Creek Super A - \$43-81 ) batteries and bear banger pens (Tatchun Centre, Carmacks - \$163.45) Fuel at Carmacks ( Sunrise Services Centre - \$177.78) The fuel was on an Aurora account, and the rest was paid by debit card by Steven.
June 14 2008	WS	155000N	11000 13000	2				10	Immediate problem: The grid given by the office, is wrong compared to what is on the ground. Camp location on ground is at the end of line 15500, and when plotted by map provided we are claimed to be 800m up the line 15500 (going east). Survey crew will start on line 15500, and await coordinates from office or further instruction. Mike-Cables, Dan-Current, Luc-Reciever, Steven-Transmitter(not by choice)
									Radio communication may be an issue
June 15 2008	WS	155000N	13000 14000	1					Very bad day for radio communication, needed dan(cables) and mike(current) to use as relay(s). Steven did the Rx, and Luc was on Tx. Production included finishing like 155000N, and packing and returning gear to camp. Awaiting further instruction regarding the grid issue.
June 16 2008	WS	152000N	11000 12800	1.8					Geoff flew into camp, discussed the grid issue, started line 15200N. Steven(Rx) Luc(current) Mike(Tx). Production halted when radio communication was failing and ran out of current wire. (happened in tandem) Geoff demobed from camp at about 4:30PM.
June 17 2008	WS	152000N	12800 13900	1.1					Luc(Rx) Steven(Current) Mike(Tx) Dan(Cables) Slight rain periods throughout the day. Radio communication was ONCE AGAIN an issue, and Steven was acting as a relay/current to get a radio signal to Mike. Line ended one dipole short of finishing as Rx ran out of batteries. Gear was packed to the start of line 152000N, and will wait till instruction from Geoff/Dave regarding line extensions and where to end.
									No GPS, Luc fogot it, needs to hike to the outer reaches of L 152N to collect last 500m of GPS points.

June 18 2008	WS							Raining in the morning, waiting for linecutters to put proper extensions in, Steven will hike to find a TRUE/PROPER line end, otherwise, standing by. Rain all morning.
								Linecutters flew into camp (Martin/Helper) at around 8:30AM, will cut extensions to the lines starting with 155000N.
June 19 2008	WS	152N	11600 10100	1.5				Finish up line 152N. Bushwacked 800m with current, to get to station 11800, from the current tie in at 11000. This ensures a full overlap of the array from previous days. Weather was mild, sort of cool with periods of no more than 15 minutes of thunder and lightning. Steven(cables) Luc(Rx) Dan(Tx) Mike(current)
								Note: It is MUCH easier to bushwack 800m unrolling wire, but to roll it is a headache.
June 20 2008	WS	155	10200 11600	1.4				Steven(Tx) Mike(Current) Dan(Cables) Luc(Rx). Current path is PROPERLY tied in for the rest of the grid, heading north after today. Heavy rain storm, survey stopped, restarted after dinner (6PM) to finish, when rain also stopped.
June 21 2008	WS	159	10200 111000	0.9				Luc(Tx) Steven(Rx) Mike(Cables) Dan(Current) Aftermath of line still in bushes of line 152, rolled up. Everybody had a bad day, current snapping bushwacking to the next line, cables tangling unrolling, open loop to walk.
June 22 2008	WS	159	11100 11200	0.1				Luc(tx) Steven(Rx) Dan(Current) Mike(Cables) Line set up, open loop found by Steven+Dan walking current path, then around 1PM, bear on line. around station 11200, start of the valley. Everybody called back to camp. Later, going to take missing GPS points, Luc seen the bear with cubs on line 152 station 13000.
								NOTE: Generators 1st oil change
June 23 2008	WS	159	11100 11700	0.6				Heavy rain from 7AM-9AM. Rained all day. Noise or signal error on machine, could have a leaking splice in wire. Steven(Rx) Luc(Tx) Dan(Current) Mike(Cables) Very low primary voltage, suspicious readings. Rain ALL DAY, for 15+ hours.
June 24 2008	WS	Line 159	11200 12800	1.6				Steven(Rx) Luc(Cables) Mike(Tx) Dan(Current) Problems solved, squirrels are really becoming an issue, as at least one open loop a day from those things chewing through the current path is frustrating. Dan and Steven stayed and finished the line getting into camp at about 11PM. Long day, needed to get off that line.(Finally)
June 25 2008	WS	Line 159 Line 162						Line moved over to 162N. Current moved, and cables set up. Again, with things ready to go, open loops. Approximately 5KM of current path to walk. Other than line moved, no production. Squirrels REALLY becoming annoying.

June 26 2008	WS	162N	10300 12300	2					Luc(Cables)Steven(Rx) Dan(Tx) Mike(Current) With one open loop at the start of the day, otherwise good production. Nice weather, bugs not bad, readings great with little noise all day. Dan and Steven walked the grid to line 141 and 147 to confirm they are cut to spec according to the map provided by BC Gold.
June 27 2008	WS	162	12400 13100	0.7					Steven(Rx/Line walker to find open loops) Dan(Tx/Line walker to find open loops) Mike(Current) Luc(Rx/Cables) Finished line 162, the north and heavily squirrel infested side is finished. Moving south until transmitter relocation. Only one open loop to start the day.
June 28 2008	WS	149	10200 11000	0.8					Steven (Rx) Mike (Tx) Luc (Cables) Dan (Current) Helicopter Resupply (Dick with Transnorth; Bell Jetranger II) Food and supplies at 10:45AM. Mike and Luc rolled up stray wire on 155 and 152. Steven and Dan rolled up current path from 162-152. Lunch at camp, and line set up by 6PM. Hail storm slightly before 6PM, light/moderate rain the rest of the night.
June 29 2008	WS	149	11000 12900	1.9					Steven (Rx) Dan(Current) Mike(Tx) Luc(Cables) 3 breaks in current path, line 149 finished.
June 30 2008	WS	147	10200 11200	1					Steven (Rx) Luc (Tx) Dan (Current) Mike (Cables) Minor transmitter relocation in AM, about 10-12m increase in elevation (antenna) and 100m closer to south facing lines. Line 147 finished, will call for helicopter support to finish line 135 and line 141.
									Note: Quite a long day, as all lines were cleaned up of wire to be ready for transmitter relocation followed by camp move.
July 1 2008	WS	141	9800 11000	1.2					Dan (Current) Luc(Tx) Mike (Cables) Steven (Rx) Rain, all morning and afternoon. Helicopter support at 9:AM to relocate Tx site. (413887E,6908740N) Line set up, swamp from 9800E-10000E. Possible current dissipation from very wet conditions. Problems with moisture in cable heads. 13:00 Heavy rain periods, storm clouds overhead, thunder close overhead, very high self potential on Rx.
July 2 2008	WS	135	10000 10300	0.3					Dan(Tx) Luc(Current) Steven(Rx) Mike(Cables) Logistics meeting in AM to discuss camp move, set up L135, walk current path to find open loops (2 chew throughs, 1 burn out as a result of chew marks) Line 135 on side hill, steep(50 degree side hill) Very hot, hard to walk with full pack of gear. 400m until everybody was exhausted.
July 3 2008	WS	135	10300 11300	1					Mike(Cables/Relay) Dan(Tx)Steven(Rx) Luc(Current) AM started with walking current path to cut out chew marks/throughs, and burn outs. Finished Line 135, packed sling and will call for helicopter support to move Tx site to redo last kilometer of line 162. Camp move expected on the 5th to Copper grid. (Cannot be done today as helicopter is booked for a Minto Mine job move.
									Note: Again 2.5 kilometer round trip to and from L135, elevation change of approx 125m.
		162	12000 13200	1.2					REDO: Steven(Rx)Luc(Current)Dan(Tx)Mike(Cables) Last kilometer of line 162 redone, packed up camp for helicopter to move to "Copper" Grid.

July 4 2008	WS								
July 5 2008	WS & Copper	0	0						Mobe Day, Camp moved to Copper grid, (408353E,6913862N) Was expected camp move at 9AM, but fogged in till after 11AM. Camp moved by Dick from Transnorth, (Bell Jetranger II) 5 Slingloads and 2 Internals.
July 6 2008	Copper	106	10200 12800	2.6					BEAR overnight. Bear came into kitchen/transmitter tent overnight, dragged a cooler just outside of the tent until it got stuck in trees, opened electronic cooled cooler, ate ziplock bag of porkchops also dragged into bushes just outside of kitchen tent. Not aggressive at all, was hanging around till 10:30AM, came back twice after bear banger and shotgun fired near him. Spooked after a round was fired in the dirt in front of him.
									Otherwise great day, nice weather, no equipment problems, not a single squirrel.
July 7 2008	Copper	106	12800 13400	0.6					BEAR overnight. Kitchen Tent damaged, (Pictures appended to the digital version) All meat eaten, some dry good eaten. Including: 2 packs sausages, 9 steaks, 2lb hamburger, 2lb stewing beef, 60 eggs, 8L milk, 2 pack bacon, 2-3lbs bread, 2 packs breakfast sausage, 4 packs lunch meat. Survey halted at 5:30 when Mike(Tx) saw bear hanging around camp and would not scare.
		104	10200 11000	0.8					TIMELINE: approx 5PM, bear in camp, approx 6PM Steven shot round into bear, approx 7PM went looking for bear no trace, trail of food in bushes.
									Luc(Cables)Steven(Rx) Dan(Tx) Mike(Current) With one open loop at the start of the day, otherwise good production. Nice weather, bugs not bad, readings great with little noise all day. Dan and Steven walked the grid to line 141 and 147 to confirm they are cut to spec according to the map provided by BC Gold.
July 8 2008	Copper	104	11000 13400	2.4					Steven(Rx) Luc(Tx) Dan(current) Mike(cables) Good production, nothing significant to report.
July 9 2008	Copper	102	10200 12300	2.1					Steven (Rx) Luc(Tx) Dan(Current) Mike(Cables) Helicopter at 11AM to shoot bear, Transnorth (Bell Jetranger III) Kiwi pilot, RCMP, and conservation officer. Did not introduce themselves, no names. Landed in camp, took doors off, flew unnecessarily close to sleep tent damaging pole, Shot bear, (8 rounds, 30 minutes later) and landed once more. Instructions were to leave the bear, and do nothing.
July 10 2008	Copper	102	12300 13400	1.1					Steven(Rx) Luc(Current) Dan(Tx) Mike(Cables) Nothing significant to report.
		100	10200 11600	1.4					
July 11 2008	Copper	100	11600 13400	1.8					Steven(Rx) Luc(Current) Dan(Tx) Mike(Cables) Finishes grid, nothing else to report
Demobe to Whitehorse, Dick in camp at around noon, (Transnorth									

July 12 2008	Copper								Bell Jetranger III) camp flown out to staging coordinates. Stephan driver, 1 ton truck.
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TOTAL 34.9  
 WORK DAYS = 26  
 STANDBY DAYS = 4

## **Appendix 2**

### **Aurora Geosciences Ltd. Field Report 11 August, 2008**



**Whitehorse Office**  
34A Laberge Road  
Whitehorse, YT  
Y1A - 5Y9

Phone: (867) 668-7672  
Fax: (867) 393-3577  
[www.aurorageosciences.com](http://www.aurorageosciences.com)  
[aurora@klondiker.com](mailto:aurora@klondiker.com)

## MEMORANDUM

**To:** Geoff Newton  
BC Gold Corp.

**Date:** 11 August 2008

**From:** Ivan Drury, Steven Kramar

**Re:** 2008 Induced Polarization Survey Preliminary Field Report

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This memorandum is a preliminary field report describing an induced polarization (IP) survey conducted on BC Gold properties. A modified pole-dipole IP survey was conducted on the WS, Copper, and Peanut grids and a gradient IP survey was conducted on the Spear, Toe, and Pepper grids, Whitehorse Mining District, Yukon Territory. The survey was conducted from June 13 to August 5 2008 by two separate crews.

The first crew surveyed a total of 22.1 line-km on the WS grid over 20 working days and 12.8 line-km were surveyed on the Copper grid over 6 working days. There was a bear problem on the Copper grid which resulted in the Conservation officer flying in to camp to destroy the bear. The WS grid lines were not completely cut upon arrival which adversely affected production. A full survey log is attached to this report.

The second crew surveyed a total of 27.55 line-km of gradient IP on the Spear, Toe, and Pepper grids and 18 line-km of in-line modified pole-dipole IP was surveyed on the Peanut grid over a total of 25 working days. A separate bear incident on the Spear grid resulted in four stand-by days for the crew due to safety concerns. A conservation officer and RCMP officer flew into camp to investigate the incident but were not able to locate the wounded bear. The Toe grid was cut 1.5km off of where it had been planned, so after the initial survey of the Toe grid was complete a linecutting crew was flown in to re-cut the grid. The second crew returned to re-survey Toe when the re-cutting was complete. A separate full survey log for the second crew is attached to this report.

### **a. Crew and equipment.**

The IP surveys were conducted by the following personnel:

<b>Crew #1</b>		
Steven Kramar	Crew chief	June 13 – July 12
Luc Harvey	Technician	June 13 – July 12
Dan Mawhinney	Helper	June 13 – July 12
Mike Krause	Helper	June 13 – July 12

<b>Crew #2</b>		
Ivan Drury	Crew chief	July 4 – August 5
Stacey Bishop	Helper	July 4 – August 1
Olivier Barre	Helper	July 4 – August 1
Nicolas Tremblay	Helper	July 4 – August 1
Gaetan Cyr	Helper	August 1 – August 5
Kim Ayles	Helper	August 1 – August 5
Dan MacKenzie	Helper	August 1 – August 5

The linecutting done on the Toe grid was conducted by the following personnel:

Gaetan Cyr	Linecutter / Crew chief	July 25 – July 31
Dan MacKenzie	Brusher	July 25 – July 31
Richard Smaslet	Linecutter	July 25 – August 1
Ben Power	Brusher	July 25 – August 1

The IP crews were equipped with the following instruments and equipment:

IP receiver	1	Iris Elrec 6   S/N: 120
IP receiver	1	Iris Elrec Pro   S/N: 166
IP transmitter	2	GDD TxII 3.6 kW   S/N: TX-242 & TX-267
Generator	2	Honda 5kW generator
IP equipment	2	Repair tools & spare IP parts
	14 km	18 gauge wire



	23	6 conductor 100m IP cables
	3	6 conductor 300m IP cables
	9	VHF handheld radios
		Geo-reels & spools, Speedy winders and spools, stainless steel electrodes
	2	Laptops with Geosoft IP packages
Other	2	4 man summer camps
	3	Garmin 72 GPS units
		Truck and driver for each mobe / demobe
		Helicopter for camp-moves between grids

#### **b. IP survey specifications.**

The modified pole-dipole IP surveys were conducted according to the following specifications:

Array	Modified Pole-Dipole Array
Dipole spacing	100 m on all lines
Dipoles Read	N=1 through 6 (6 Channels)
Tx	Time domain, 50% duty cycle, reversing polarity, 0.125 Hz.
Stacks	Minimum 15
Rx error	5 mV/V or less, otherwise repeated several times until repeatability assured
Grid registration	Handheld GPS points at line ends and every 200m minimum averaged 60 s or until estimated accuracy < 10 m, whichever was longer. All coordinates in NAD83 UTM Zone 8N.

The gradient IP survey was conducted according to the following specifications:

Array	Gradient rectangular array
Dipole spacing	50 m on all lines

Tx	Time domain, 50% duty cycle, reversing polarity, 0.125 Hz.	
Stacks	Minimum 15	
Rx error	5 mV/V or less, otherwise repeated several times until repeatability assured	
Grid registration	Handheld GPS points at line ends and every 300m minimum averaged 60 s or until estimated accuracy < 10 m, whichever was longer. All coordinates in NAD83 UTM Zone 8N.	
Gradient Arrays read	Spear grid	800m x 1800m with current electrodes at
	1 box	379499E 6949355N and 377074E 6952267N
	Toe grid	800m x 900m with current electrodes at
	4 boxes	375928E 6953605N and 376015E 6957928N
		800m x 900m with current electrodes at
		375928E 6953605N and 376052E 6958490N
		800m x 600m with current electrodes at
		376001E 6955086N and 376044E 6959085N
		800m x 950m with current electrodes at
		376045E 6954886N and 376046E 6959757N
	Pepper Grid	600m x 900m with current electrodes at
	3 boxes	374370E 6956989N and 372491E 6960814N
		600m x 900m with current electrodes at
		374370E 6956989N and 372151E 6961537N
		600m x 900m with current electrodes at
		373628E 6958189N and 371948E 6962275N

### c. Data Processing.

Data was downloaded nightly from the receiver and imported into Geosoft Oasis Montaj IP package. Every reading was inspected and readings which did not repeat were rejected from the database. Apparent resistivity was recalculated using a four electrode equation assuming a homogeneous earth. Average apparent resistivity and chargeability were calculated using a weighted mean based on the number of stacks and the standard deviation of the chargeability; except in the case of the WS and Copper grids where the number of stacks taken in each reading was not downloaded from the receiver.

The ground provided clear and consistent readings. However, in those areas that produced a relatively lower signal to noise ratio additional readings as well as greater stacks of averaged readings were taken in order to ensure repeatability. On the Peanut grid, Line 11400, and the Copper grid, Lines 104 and 106, single data points were deleted from the final database because they stood apart too greatly from the chargeability patterns noticeable on said and surrounding lines.

GPS points were dumped from the handheld units and the coordinates for the stations determined by linear interpolation between GPS units. Elevations were determined from a digital elevation model equivalent to NTS 1:50:000 maps.

For those grids surveyed with a modified pole-dipole array pseudosections of apparent resistivity, apparent chargeability, and apparent chargeability error, draped over topography, were produced with Oasis Montaj. For those grids surveyed with a gradient array separate maps for apparent resistivity, apparent chargeability, and apparent chargeability error were produced with contoured topography. Each map was then exported in .pdf format.

#### d. **Products.**

The following data files are appended to the digital version of this report:

Data	Final data in Geosoft ASCII xyz and gdb format. The GPS files have all GPS coordinates taken in NAD83, UTM zone 8N coordinates.
Images	Plan maps and pseudosections in .pdf format of apparent chargeability, apparent resistivity, & chargeability error (scale = 1:2500 or 1:5000). Grid maps with GPS coordinates in NAD83, UTM zone 8N (scale = 1:5000).
Raw	A folder with all the raw instrument dump files.
BC Gold 2008 IP Field Report.pdf	A PDF of this report.
BC Gold IP Crew #1 Survey Log.pdf	Survey log for IP crew #1
BC Gold IP Crew #2 Survey Log.pdf	Survey log for IP crew #2 and the linecutting crew

Respectfully submitted,  
AURORA GEOSCIENCES LTD.

Steven Kramar

Ivan Drury

## **Appendix 3**

### **Aurora Geosciences Ltd. Memorandum 10 September, 2008**

Y1A - 5Y9 [info@aurorageosciences.com](mailto:info@aurorageosciences.com)

**Whitehorse Office** Phone: (867) 668-7672 34A Laberge Road  
Fax: (867) 393-3577 Whitehorse, YT  
[www.aurorageosciences.com](http://www.aurorageosciences.com)



## MEMORANDUM

**To:** BC Gold Corporation **Date:** 15 October 2008 Brian Fowler Geoff Newton Gary Lustig

**From:** Dave Hildes  
Dave.Hildes@aurorageosciences.com

**Re:** BCG 2008 IP Survey -Interpretation Supplement

This memorandum is a supplement to the previously delivered field report which described an induced polarization (IP) survey conducted on several BC Gold properties in the Yukon. This supplement contains an interpretation of the data and recommendations based on the IP data and 2D IP inversions performed by Aurora Geosciences Ltd. on the WS grid. Figures were provided by BC Gold showing the results of 3D IP inversions on the WS grid (performed by Mira Geosciences) and MMI Cu soil geochemistry results on all 6 grids that were surveyed by Aurora in 2008.

Three grids were surveyed with an expanding pole-dipole array geometry using 100 m dipoles and reading to the 6<sup>th</sup> dipole separation; the WS, Peanut and Copper grids.

### WS grid

The WS grid is immediately south of Western Copper's Zones 12, 13 and 12E. The MMI test line that BC Gold conducted over Western Copper's L4400 showed elevated MMI Cu across nearly the line. This coincides with deep weakly elevated chargeability spanning across Zone 13 and Zone 12E imaged using 100 m dipoles. There was reasonably good correlation between the elevated chargeability and intersected sulphides through the southern half of Zone 13, Zone 12 and Zone 12E (L4400 is at approximately the juncture of Zone 12 and 13). There is not a strong resistivity

signature to any of these zones.

There is broad weakly elevated chargeability throughout the central sections of lines 162 & 159. The resistivity shows a more cohesive picture with a subtle resistivity low centered at approximately station 11500 which corresponds with slightly elevated MMI Cu results. To the east (approx 800 metres) is  $< 50$  Ohm-m ground which is also seen in the eastern reach of the Western Copper southern most lines.

The fact that this zone is on-strike with Western Copper's Zone 12 and has a similar chargeability signature (albeit weak) suggests this area as a target. IP surveying with 25 m dipole separation to gain better lateral resolution (with infill lines) may help in targeting a drill, but if this is not possible, setting up at station 11550 on line 159 and drilling to the SW would be the best IP target in this area. Although the IP anomaly is stronger on line 159, a similar signature in the IP is seen on L162 and is closer to Western Copper's Zone 12. The Western Copper Zone 12E does not appear to extend to the southern-most of the Western Copper lines and there is little indication of it on BC Gold's ground.

There is very little variation in chargeability across lines 155 and 152. A resistive feature appears to be continuing from lines 162 and 159 trending slightly grid east starting at station 12000 on L162 and passing through approximately station 11800 on L155. The most prominent feature on these lines is the elevated chargeability coupled with the reduced resistivity on the far eastern parts of the lines.

Lines 149, 147, 144 and 141 all have elevated chargeabilities around station 10600 which do not appear to be imaged in the 3D inversion results, but are recovered in the 2D inversions. This is an especially distinct feature on lines 141 and 144 and is coincident with elevated MMI Cu values. Although the IP is stronger on line 141, it is more consistent on line 144 and the MMI signature is stronger on line 144. A steeply east dipping hole is recommended at station 10650 on L144 with infill and tighter dipole IP recommended to guide further drilling. There is no significant chargeability signature associated with the MMI Cu response from station 11500 to 12000 on these lines. A resistive feature running from approximately station 11200 on L149 through to station 11000 on L141 appears to be continued from L152 and the elevated MMI occur grid west of this resistivity feature.

There is broadly elevated chargeability on L135, centered (and strongest) at station 10800, where there are elevated MMI Cu results. There are however significantly higher MMI Cu results further to the east. The data between the winter survey and summer surveys were not consistent for either the resistivity or the chargeability suggesting significantly different current paths between the two geometries of the surveys. This area should be resurveyed with 25 m dipoles prior to drilling.

Yours Sincerely,  
**AURORA GEOSCIENCES LTD.**

Dave Hildes, P.Geo, Ph.D.

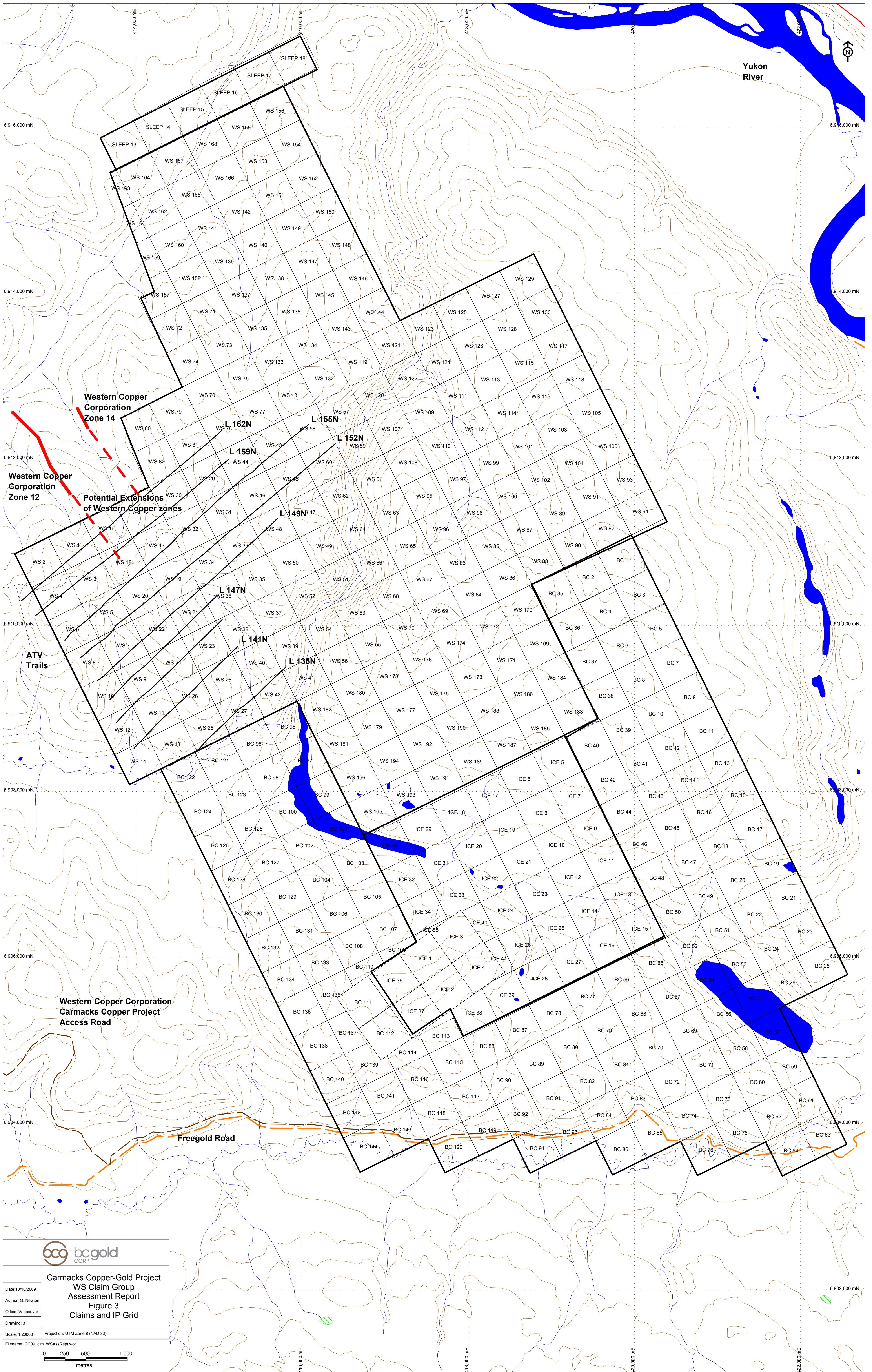
### **References**

Bhattacharya, B.B. & I. Dutta, 1982. Depth of investigation studies for gradient arrays over homogeneous isotropic half-space. *Geophysics* **47**, 1198-1203.

Coggon, J.H. 1973. A Comparison of IP Electrode Arrays. *Geophysics* **38**, 737-761.

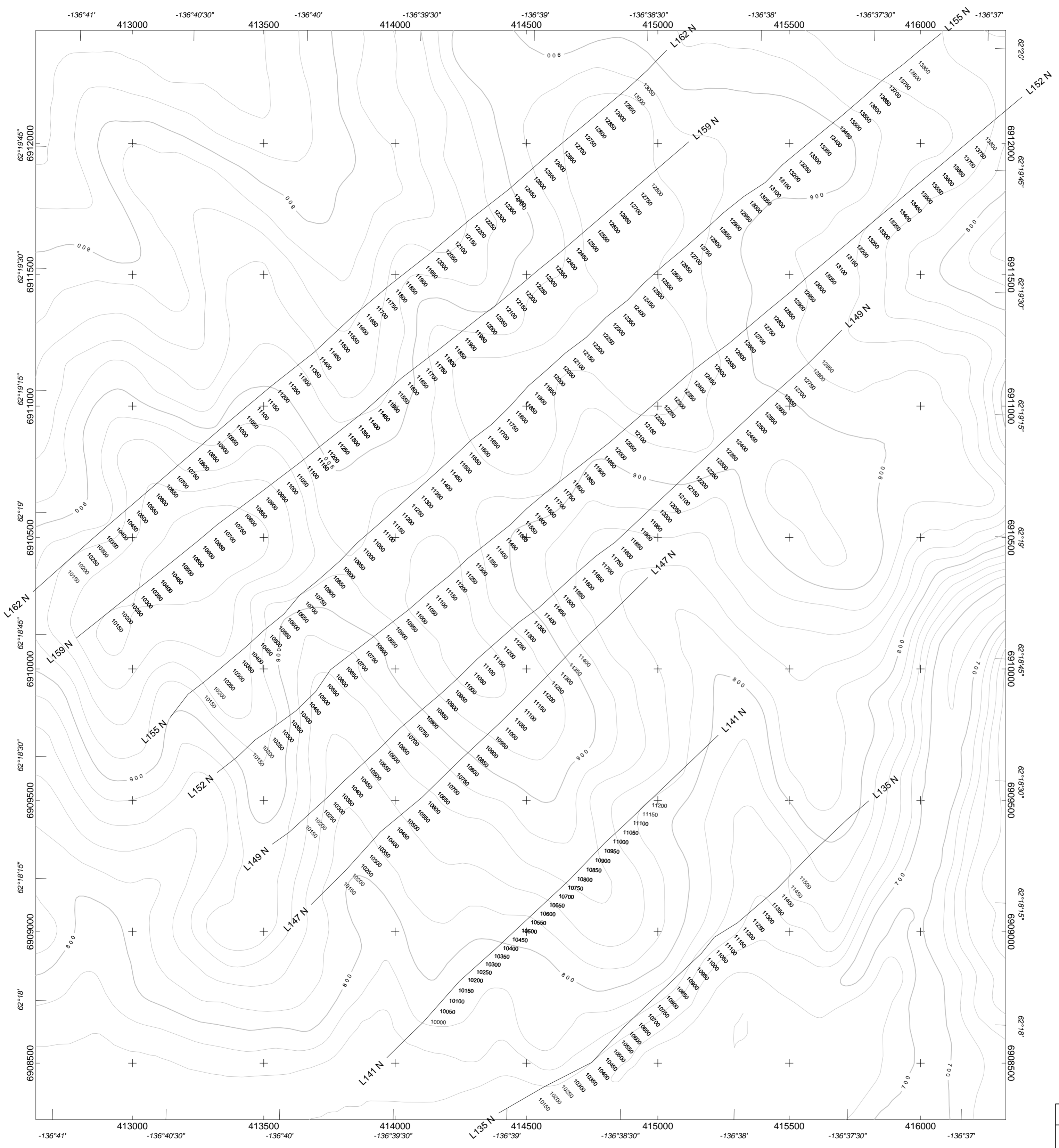
Furness, P. 1993. Gradient Array Profiles over Thin Resistive Veins. *Geophysical Prospecting* **43**, 113-130.

Quick, D.H. 1974. The Interpretation of Gradient Array Chargeability Anomalies. *Geophysical Prospecting* **22**, 736-746.

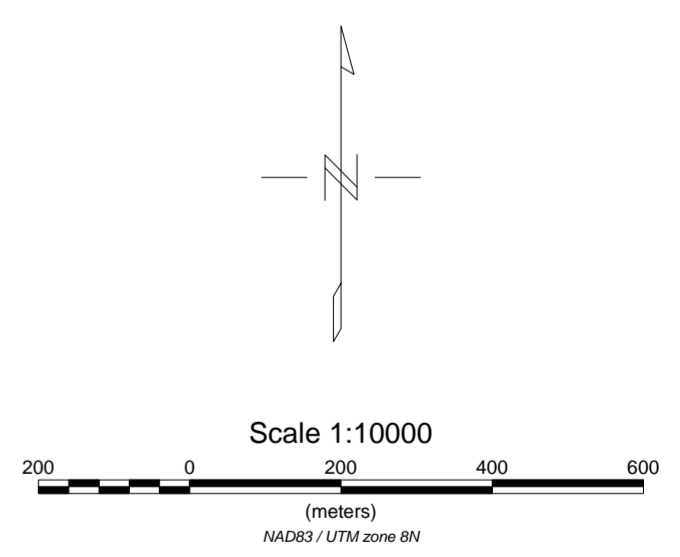


<b>Carmacks Copper-Gold Project WS Claim Group Assessment Report Figure 3 Claims and IP Grid</b>	
Date: 13/10/2009	Author: G. Newton
Office: Vancouver	Drawing: 3
Scale: 1:20000	Projection: UTM Zone 8 (NAD 83)
Filename: CC09_cim_WSAsaRept.wor	





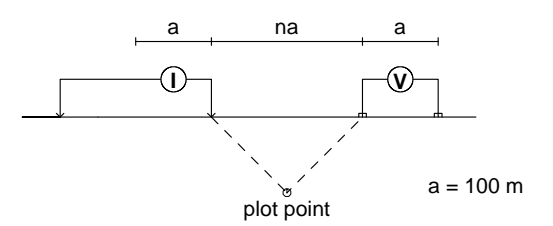
**PRELIMINARY**



<b>BC GOLD CORPORATION</b>	
<b>WS GRID MAP MODIFIED POLE-DIPOLE IP SURVEY</b>	
Mining District: Whitehorse Date: August 10 2008 NTS: 115I/07	NAD83 UTM8N Job: BCG-8533-YT Drawn by: SK
<b>AURORA GEOSCIENCES LTD.</b>	

# PSEUDOSECTION PLOTS 135 N

## Modified Pole-Dipole Array

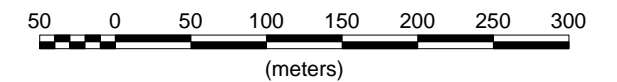


Stationary electrode at 10000E (moving E).  
Receiver: Iris Elrec6  
Transmitter: GDD Tx-II 3.6kW

Dates Surveyed : July 2008

# PRELIMINARY

Scale 1:5000



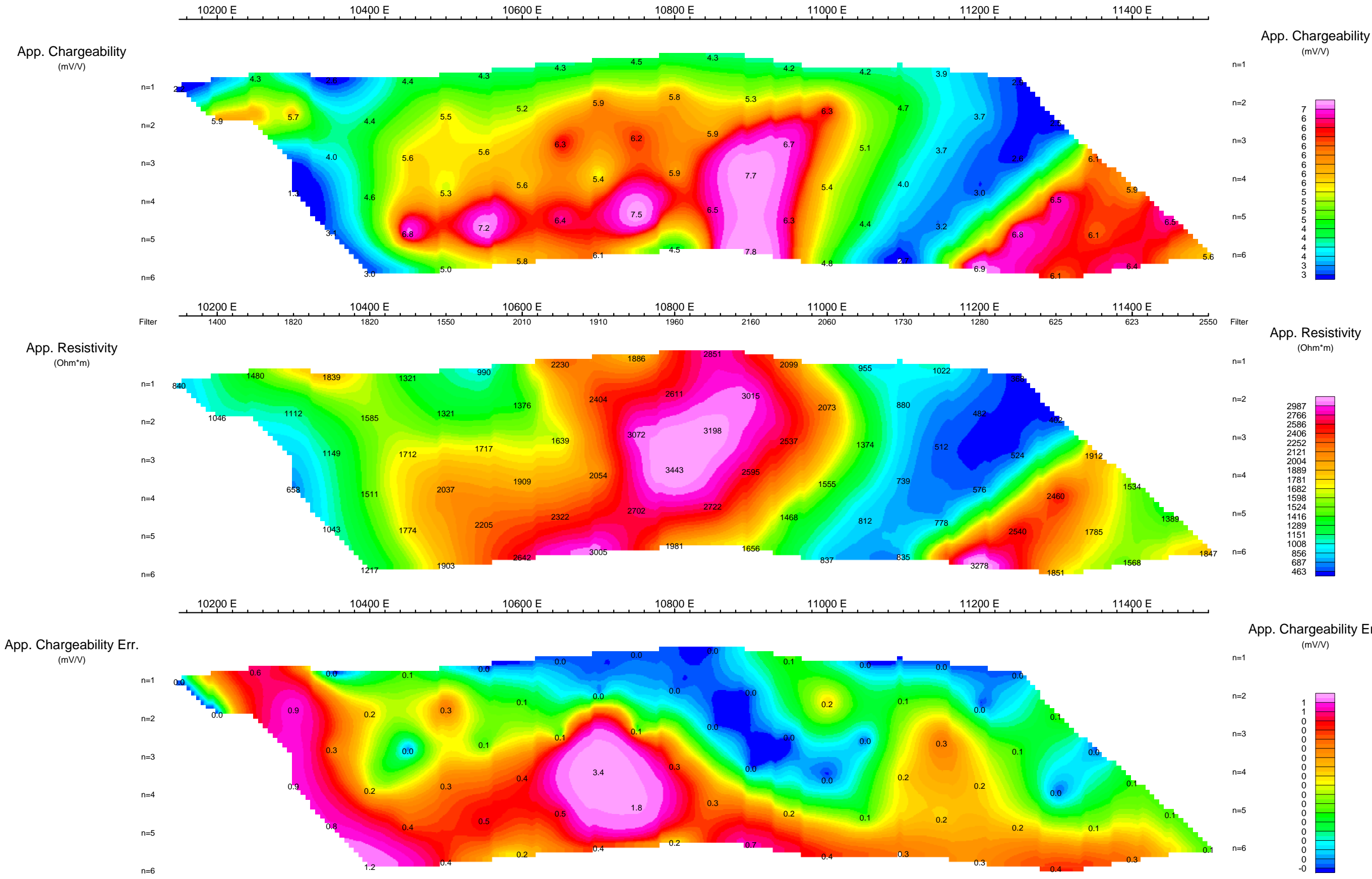
BC GOLD CORPORATION

INDUCED POLARIZATION SURVEY  
WS GRID  
PSEUDOSECTION PLOTS 135 N

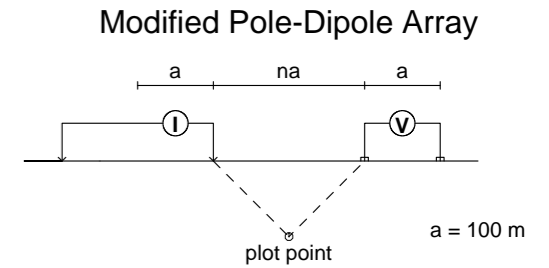
Mining District: Whitehorse  
Date: AUGUST 10, 2008  
NTS: 115 I/07

NAD83 UTM8N  
Job: BCG-8533-YT  
Drawn by: SK

AURORA GEOSCIENCES LTD.



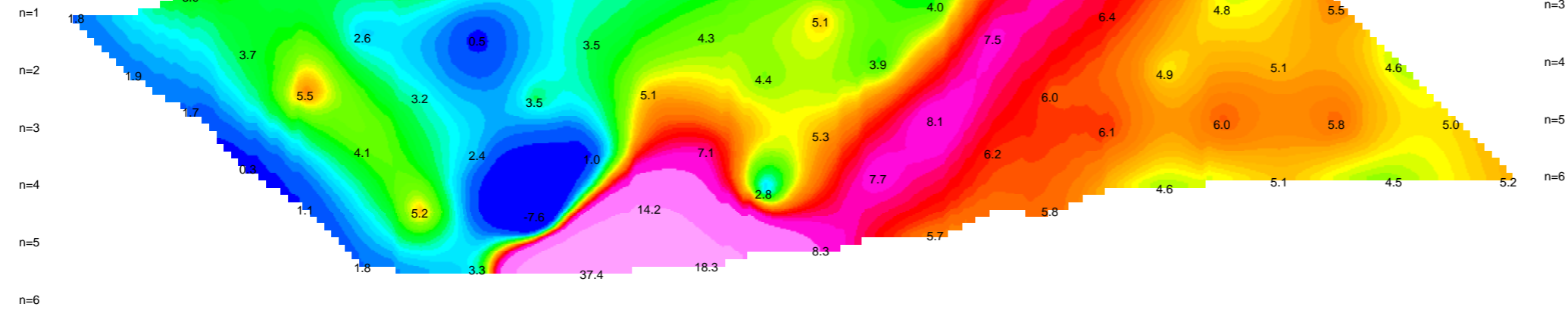
# PSEUDOSECTION PLOTS 141 N



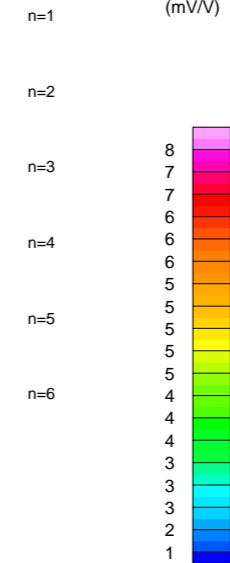
**PRELIMINARY**

10000 E 10200 E 10400 E 10600 E 10800 E 11000 E 11200 E

App. Chargeability  
(mV/V)

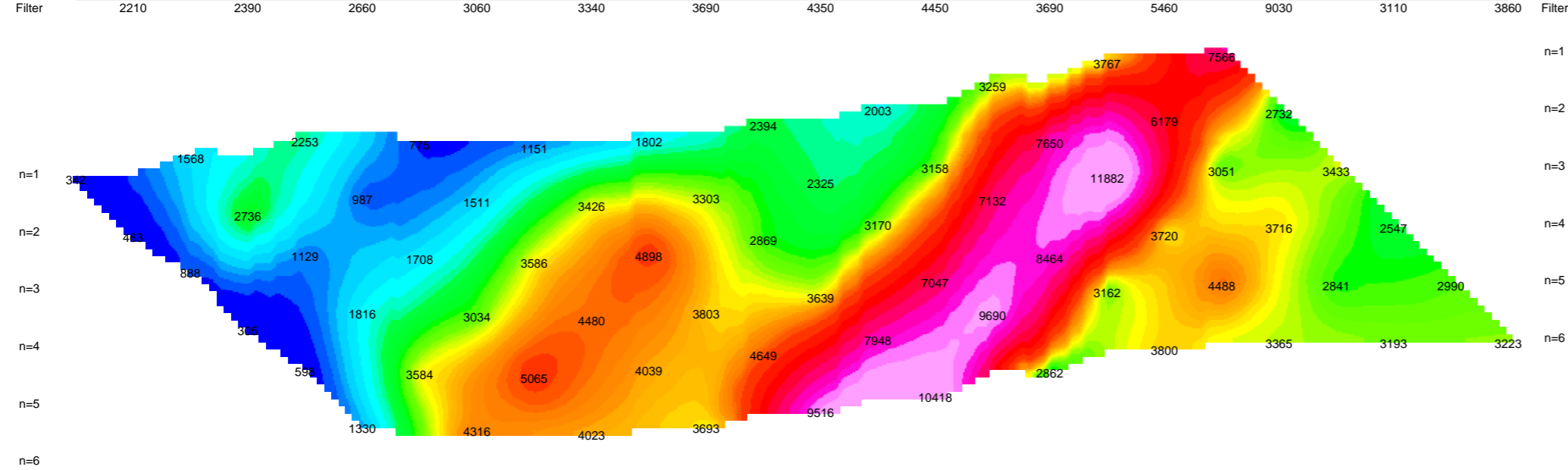


App. Chargeability  
(mV/V)

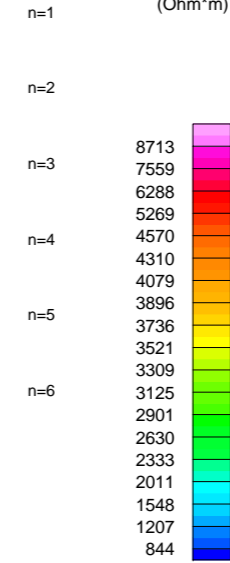


10000 E 10200 E 10400 E 10600 E 10800 E 11000 E 11200 E

App. Resistivity  
(Ohm\*m)

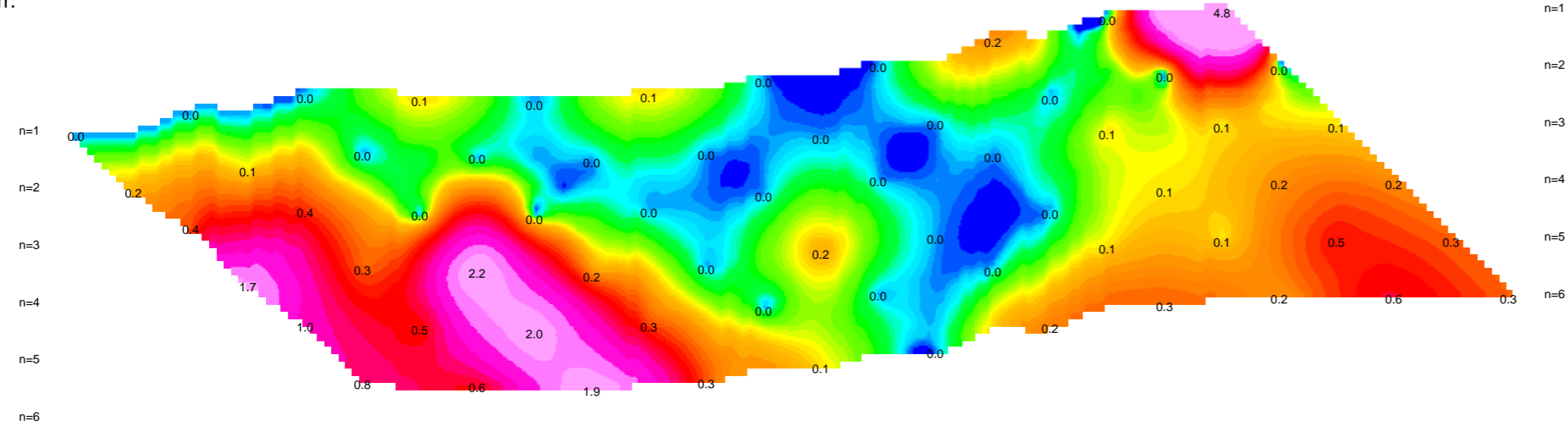


App. Resistivity  
(Ohm\*m)

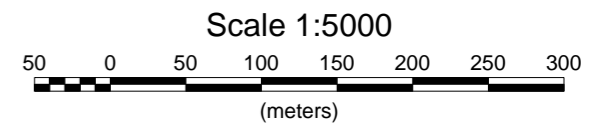
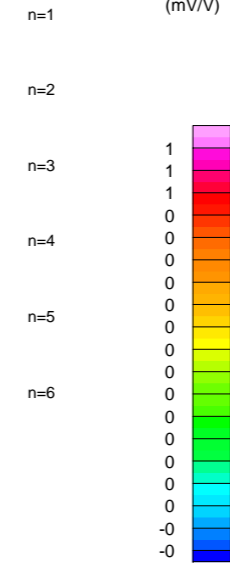


10000 E 10200 E 10400 E 10600 E 10800 E 11000 E 11200 E

App. Chargeability Err.  
(mV/V)



App. Chargeability Err.  
(mV/V)



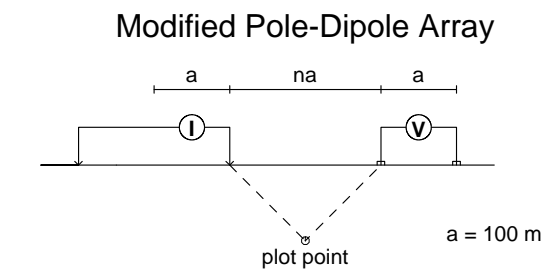
**BC GOLD CORPORATION**  
**INDUCED POLARIZATION SURVEY**  
**WS GRID**  
**PSEUDOSECTION PLOTS 141 N**

Mining District: Whitehorse  
Date: AUGUST 10, 2008  
NTS: 115 I/07

NAD83 UTM8N  
Job: BCG-8533-YT  
Drawn by: SK

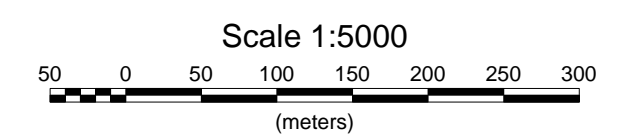
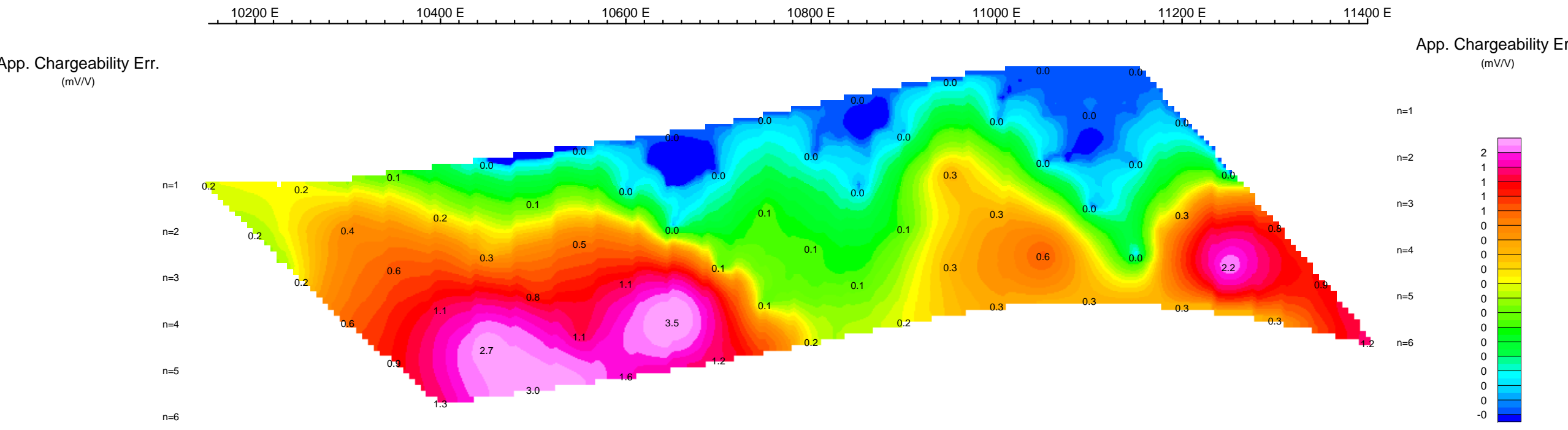
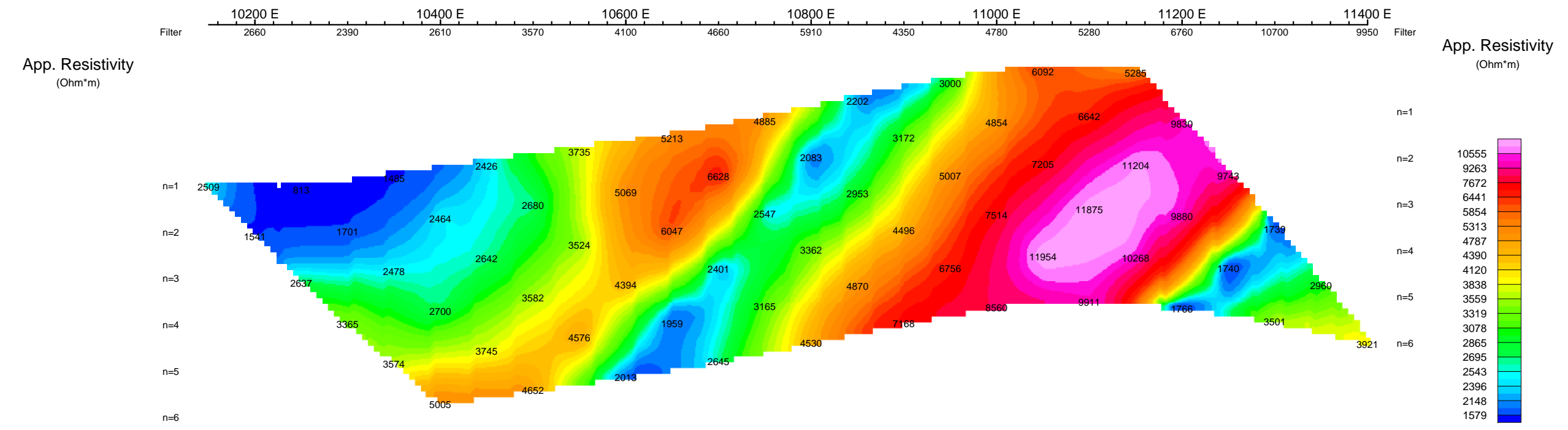
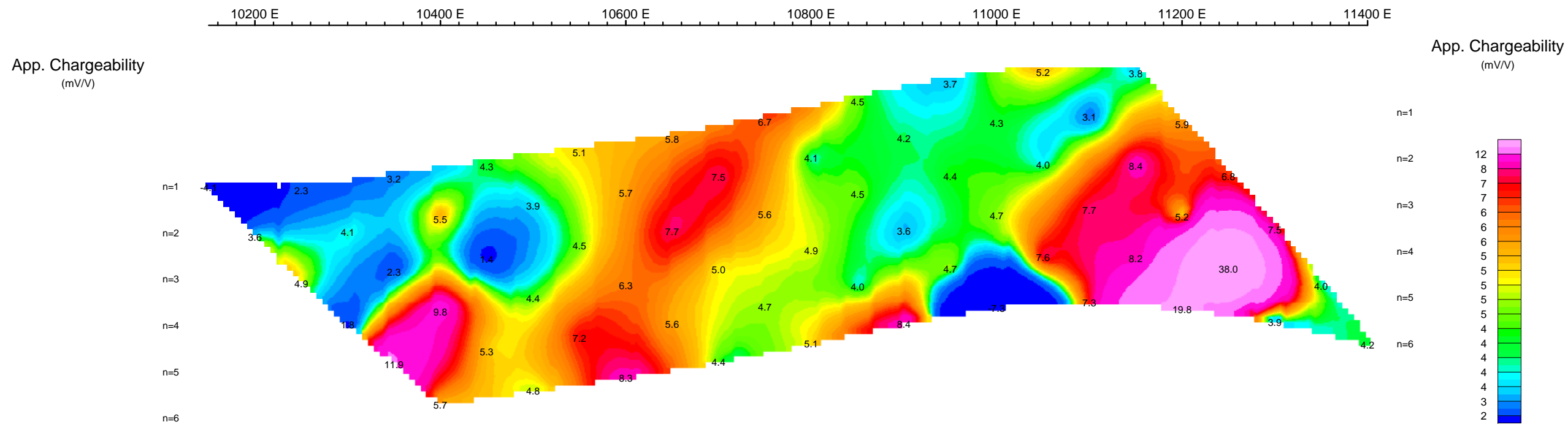
AURORA GEOSCIENCES LTD.

# PSEUDOSECTION PLOTS 147 N



Stationary electrode at 10000E (moving E).  
Receiver: Iris Elrec6  
Transmitter: GDD Tx-II 3.6kW  
Dates Surveyed : July 2008

## PRELIMINARY



**BC GOLD CORPORATION**  
**INDUCED POLARIZATION SURVEY**  
**WS GRID**  
**PSEUDOSECTION PLOTS 147 N**

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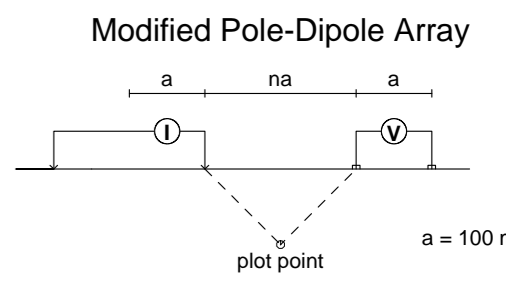
Mining District: Whitehorse  
Date: AUGUST 10, 2008  
NTS: 115 I/07

NAD83 UTM8N  
Job: BCG-8533-YT  
Drawn by: SK

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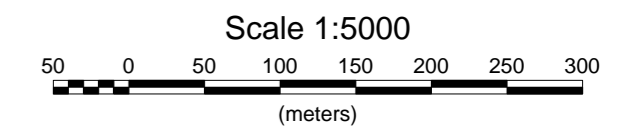
*AURORA GEOSCIENCES LTD.*

**PSEUDOSECTION PLOTS  
149 N**



Stationary electrode at 10000E (moving E).  
Receiver: Iris Elrec6  
Transmitter: GDD Tx-II 3.6kW  
Dates Surveyed : July 2008

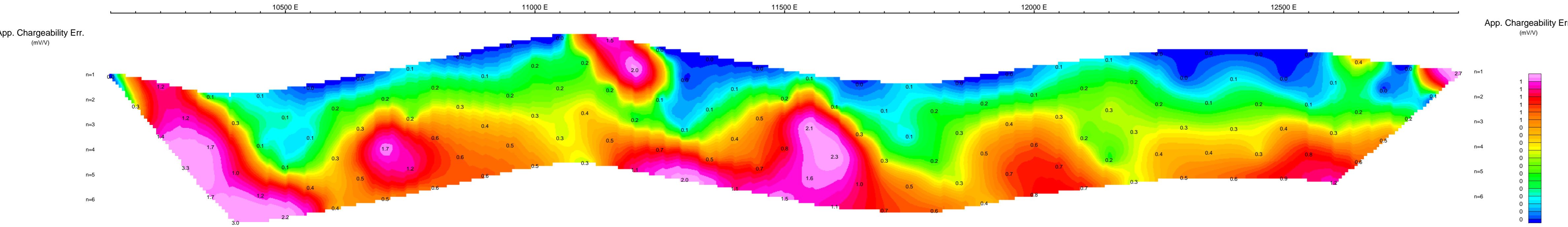
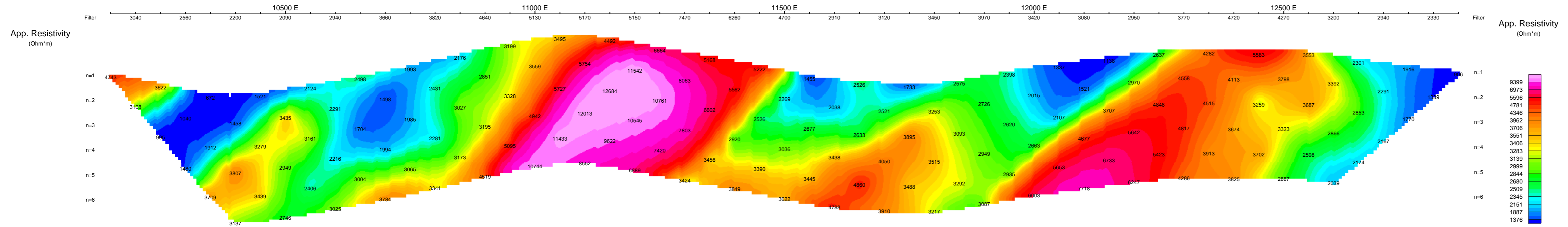
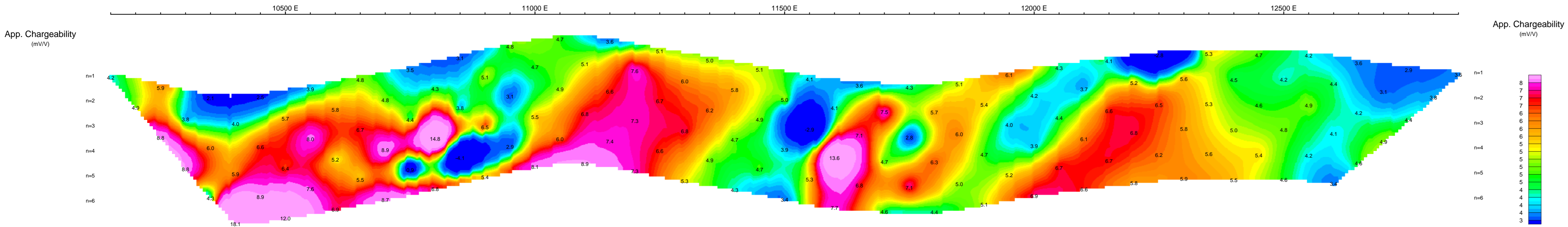
**PRELIMINARY**



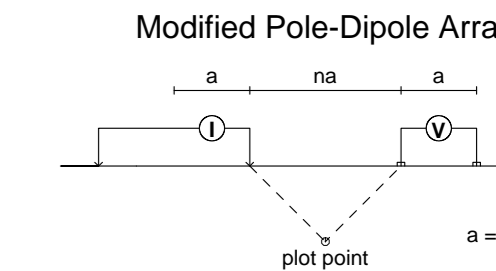
**BC GOLD CORPORATION**  
**INDUCED POLARIZATION SURVEY**  
**WS GRID**  
**PSEUDOSECTION PLOTS 149 N**

Mining District: Whitehorse  
Date: AUGUST 10, 2008  
NTS: 115 I/07  
NAD83 UTM8N  
Job: BCG-8533-YT  
Drawn by: SK

**AURORA GEOSCIENCES LTD.**

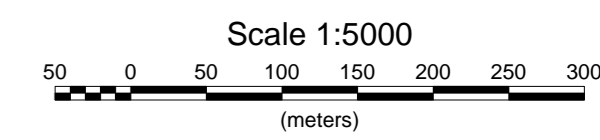


**PSEUDOSECTION PLOTS**  
152 N



Stationary electrode at 11000E & 11800E (moving E).  
Receiver: Iris Elrec6  
Transmitter: GDD Tx-II 3.6kW  
Dates Surveyed : July 2008

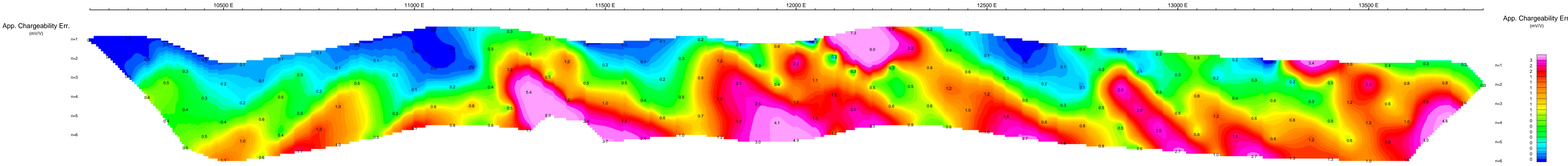
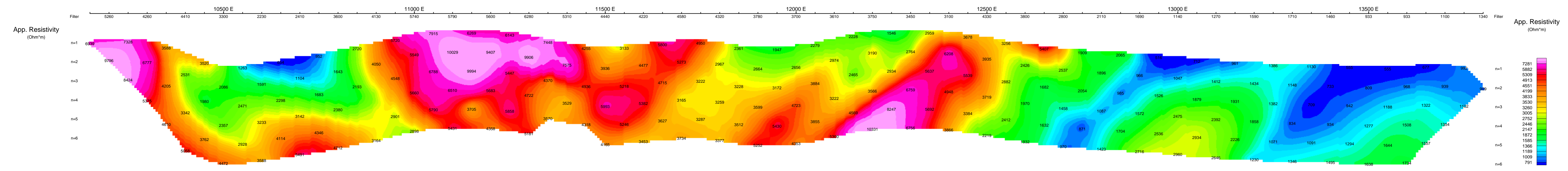
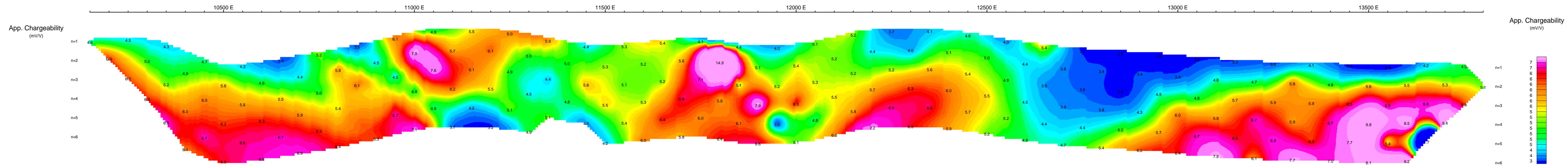
**PRELIMINARY**



**BC GOLD CORPORATION**  
**INDUCED POLARIZATION SURVEY**  
**WS GRID**  
**PSEUDOSECTION PLOTS 152 N**

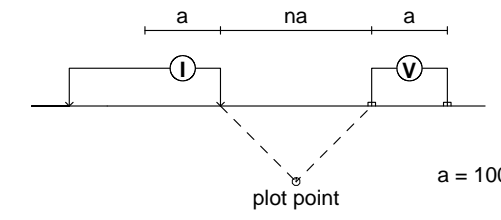
Mining District: Whitehorse    NAD83 UTM8N  
Date: AUGUST 10, 2008    Job: BCG-8533-YT  
NTS: 115 I/07    Drawn by: SK

**AURORA GEOSCIENCES LTD.**



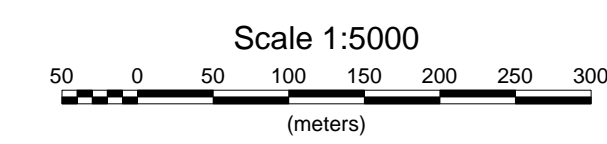
**PSEUDOSECTION PLOTS**  
155 N

Modified Pole-Dipole Array



Stationary electrode at 10000E & 11000E (moving E).  
Receiver: Iris Elrec6  
Transmitter: GDD Tx-II 3.6kW  
Dates Surveyed : July 2008

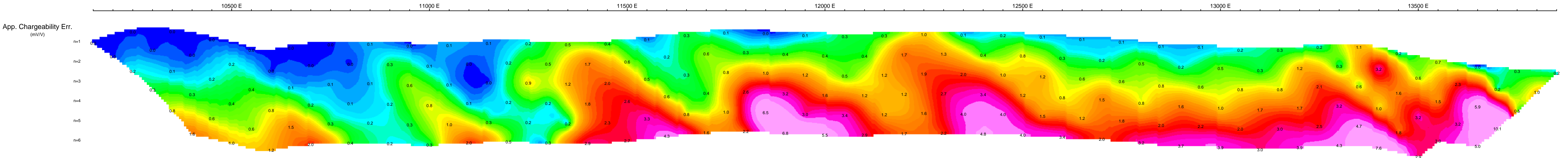
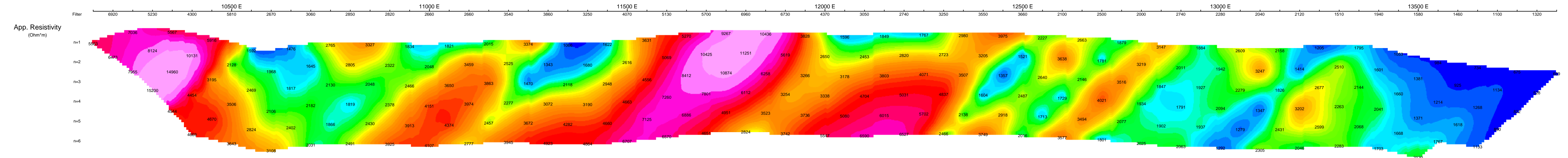
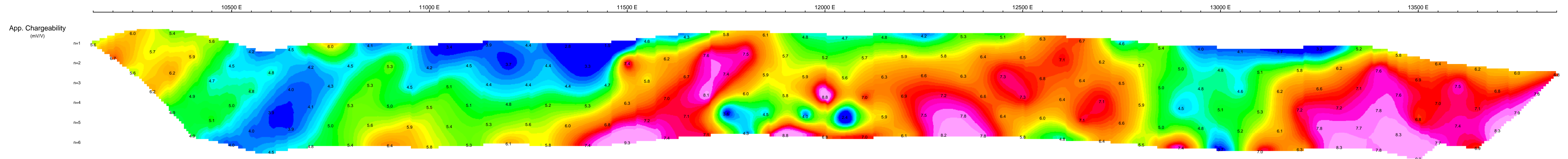
**PRELIMINARY**



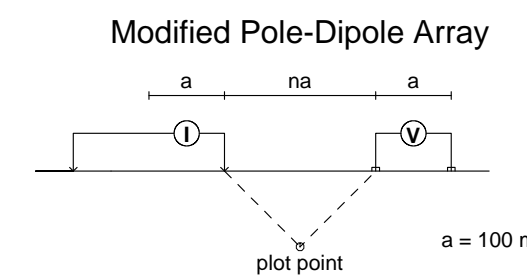
**BC GOLD CORPORATION**  
**INDUCED POLARIZATION SURVEY**  
**WS GRID**  
**PSEUDOSECTION PLOTS 155 N**

Mining District: Whitehorse NAD83 UTM8N  
Date: AUGUST 10, 2008 Job: BCG-8533-YT  
NTS: 115 I/07 Drawn by: SK

**AURORA GEOSCIENCES LTD.**

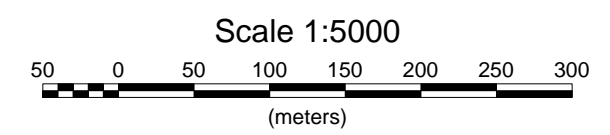


**PSEUDOSECTION PLOTS  
159 N**



Stationary electrode at 10000E (moving E).  
Receiver: Iris Elrec6  
Transmitter: GDD Tx-II 3.6kW  
Dates Surveyed : July 2008

**PRELIMINARY**

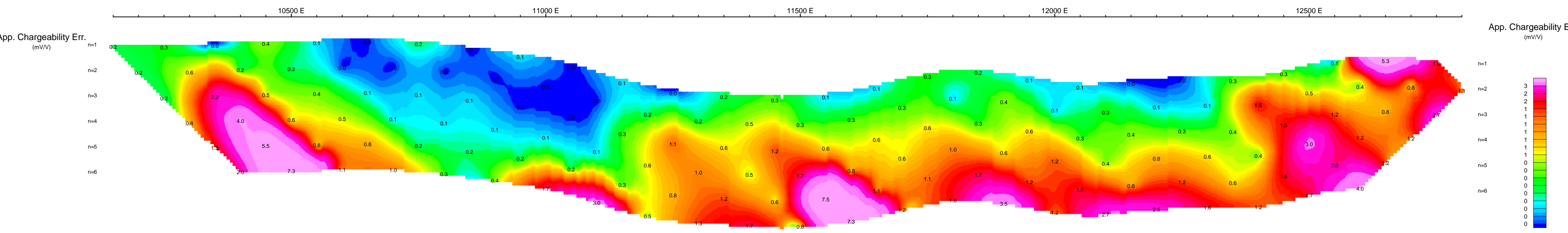
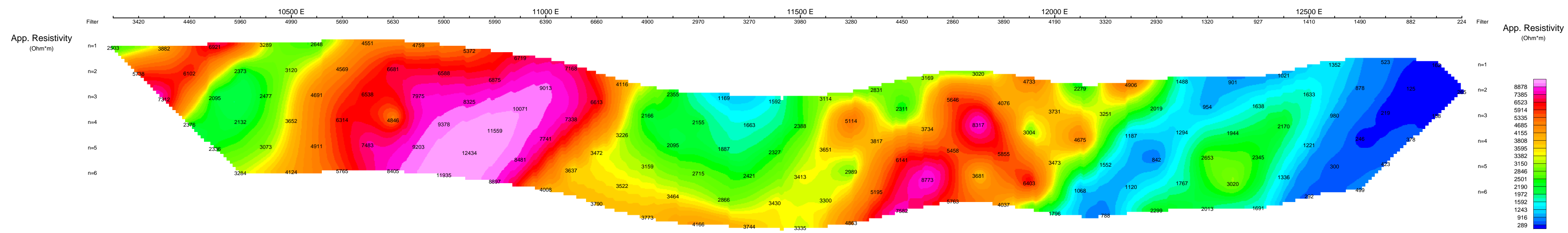
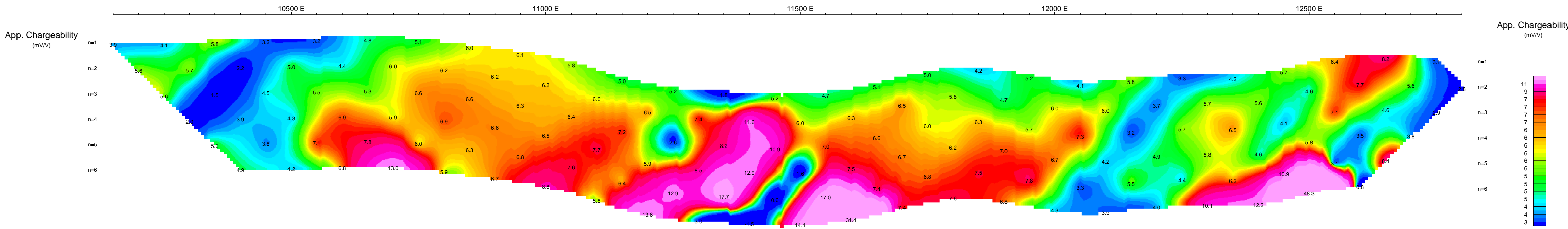


**BC GOLD CORPORATION**  
**INDUCED POLARIZATION SURVEY**  
**WS GRID**  
**PSEUDOSECTION PLOTS 159 N**

Mining District: Whitehorse  
Date: AUGUST 10, 2008  
NTS: 115 I/07

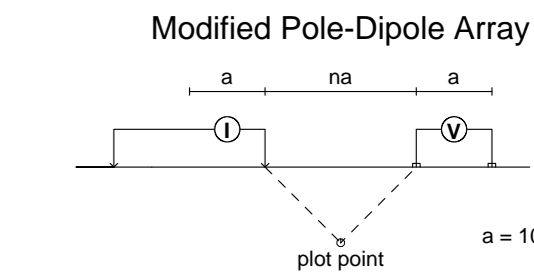
NAD83 UTM8N  
Job: BCG-8533-YT  
Drawn by: SK

*AURORA GEOSCIENCES LTD.*



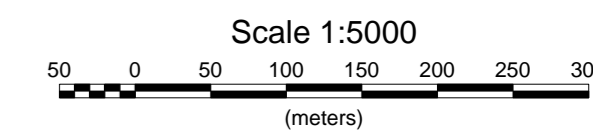


**PSEUDOSECTION PLOTS  
162 N**



Stationary electrode at 10000E & 11800E (moving E).  
Receiver: Iris Elrec6  
Transmitter: GDD Tx-II 3.6kW  
Dates Surveyed : July 2008

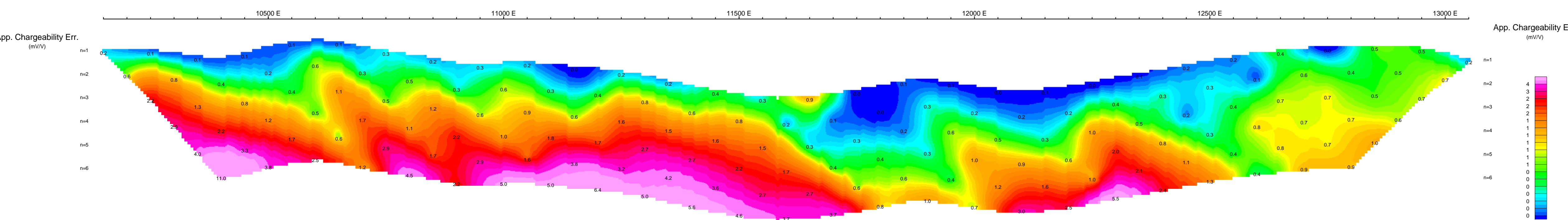
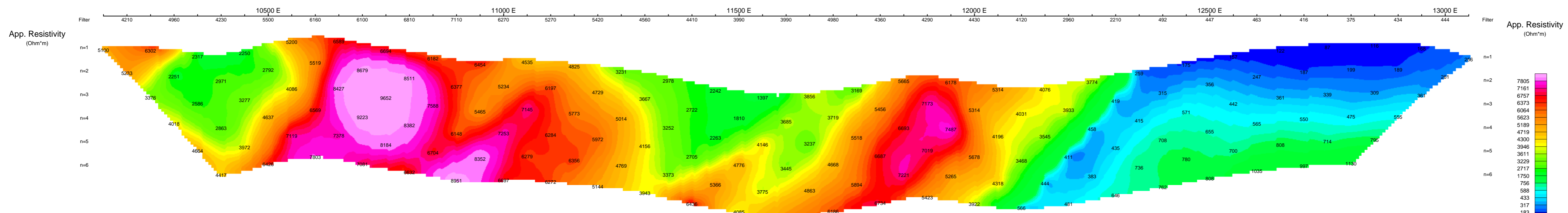
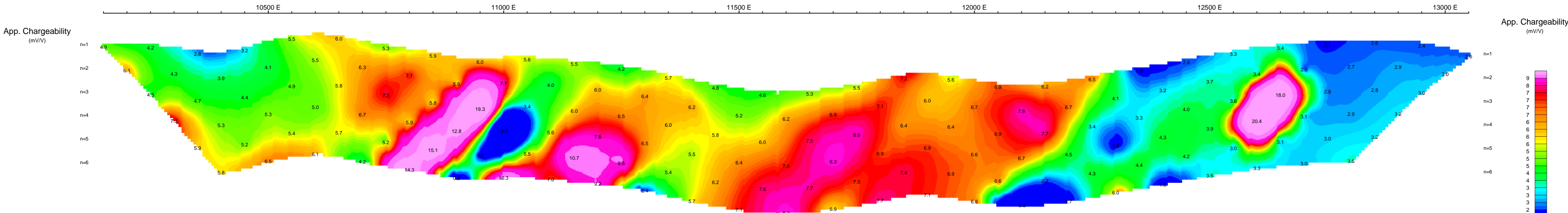
**PRELIMINARY**



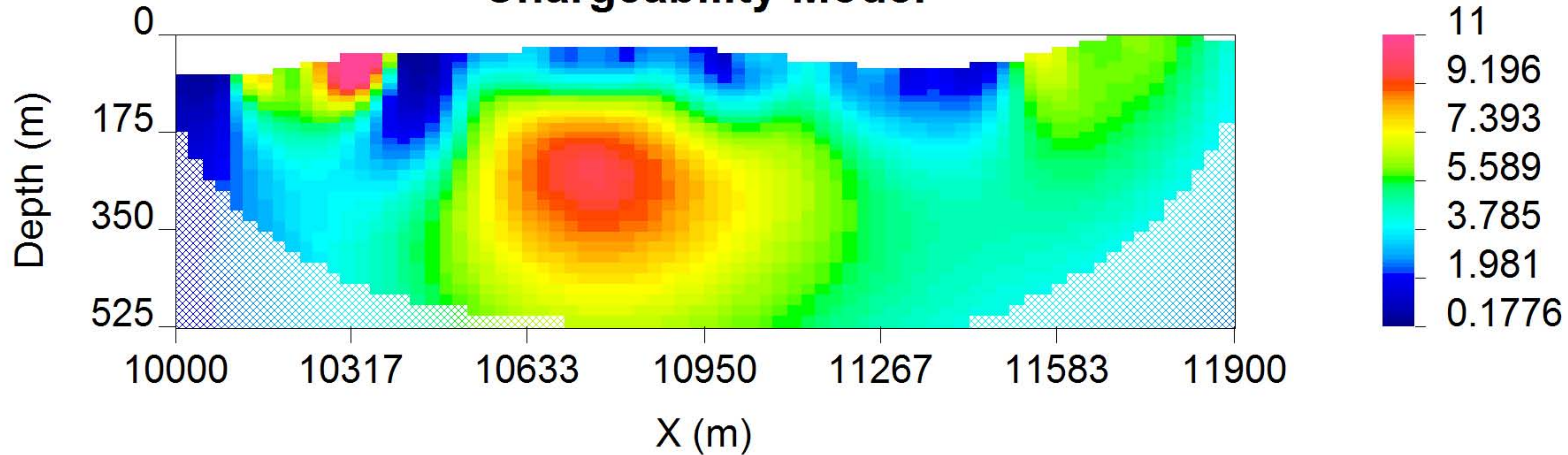
**BC GOLD CORPORATION**  
**INDUCED POLARIZATION SURVEY**  
WS GRID  
PSEUDOSECTION PLOTS 162 N

Mining District: Whitehorse      NAD83 UTM8N  
Date: AUGUST 10, 2008              Job: BCG-8533-YT  
NTS: 115 I/07                          Drawn by: SK

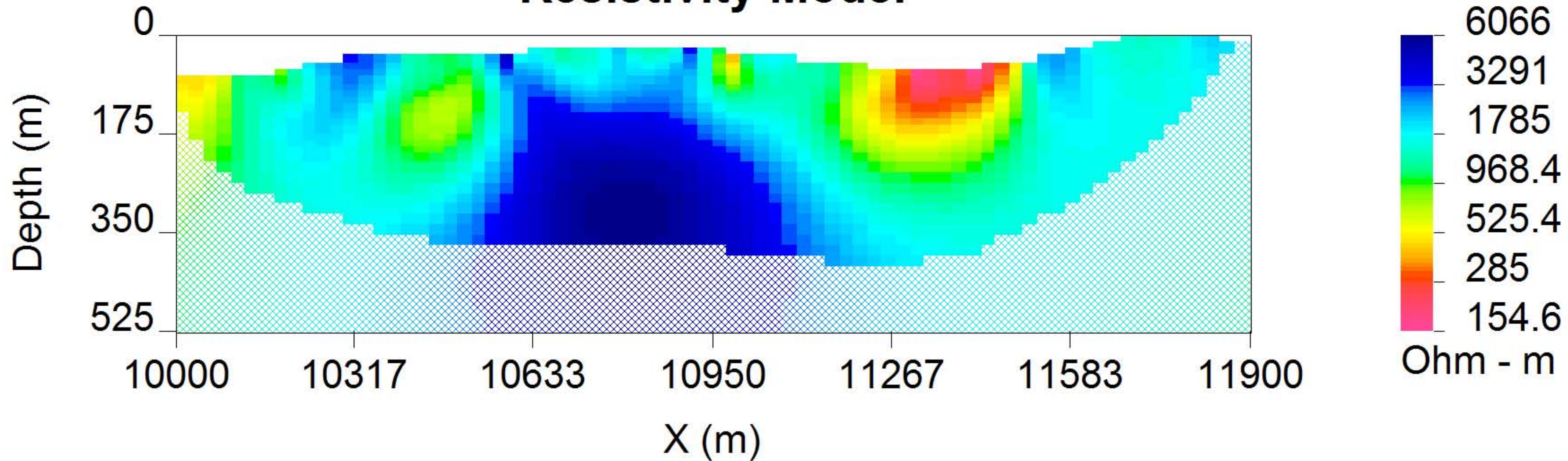
**AURORA GEOSCIENCES LTD.**



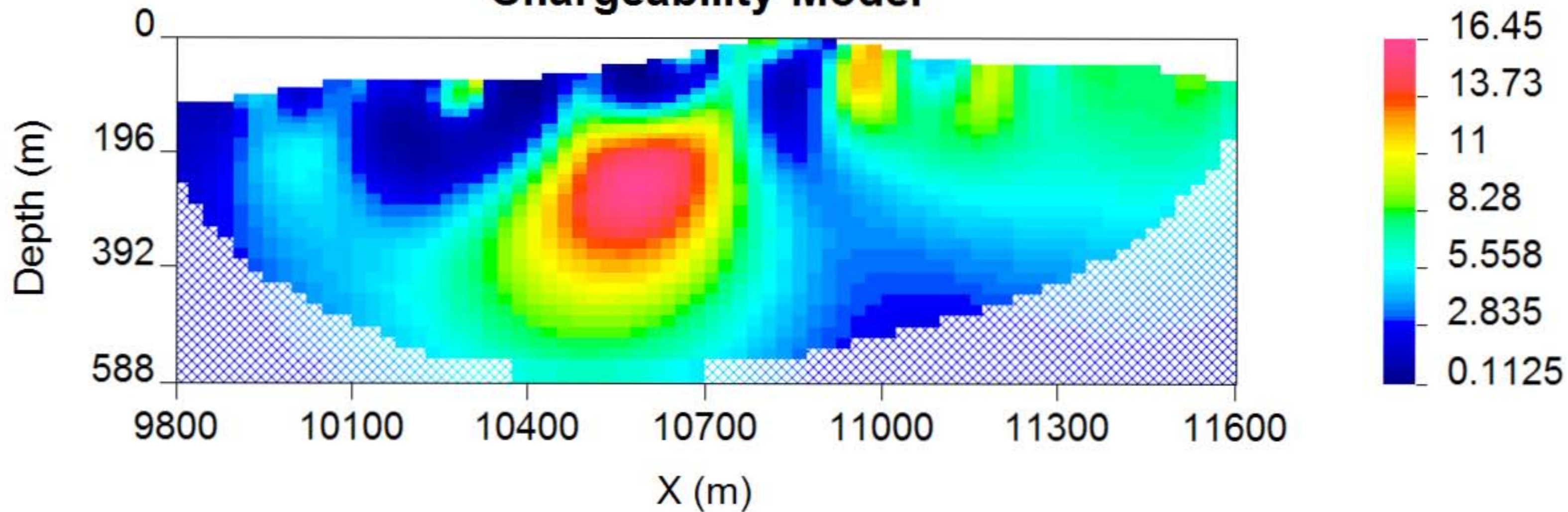
# Chargeability Model



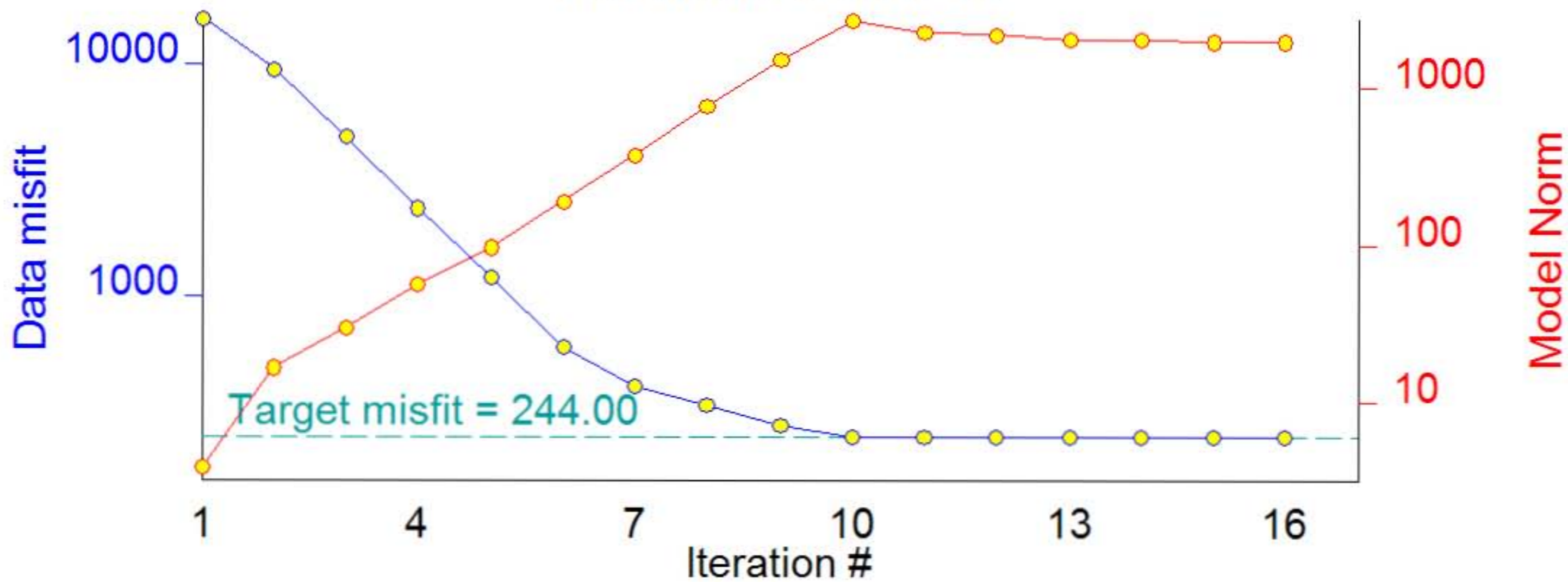
# Resistivity Model



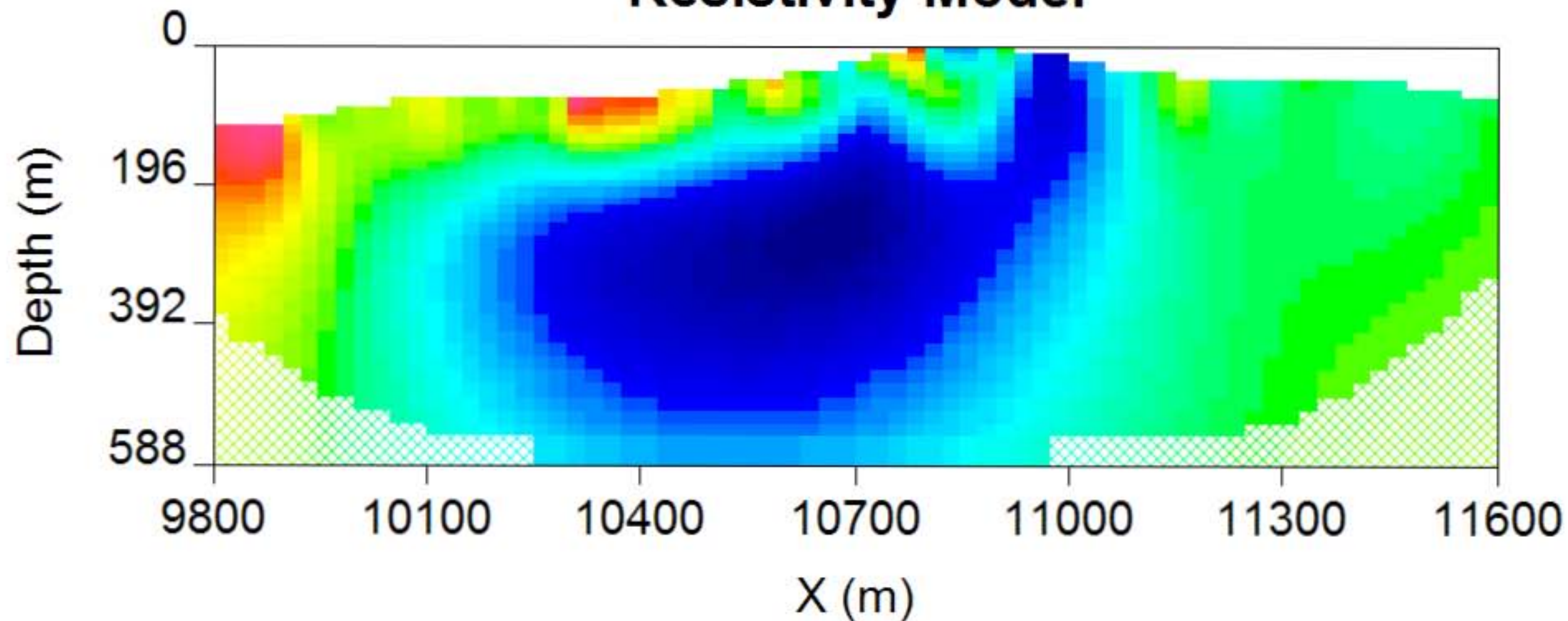
# Chargeability Model



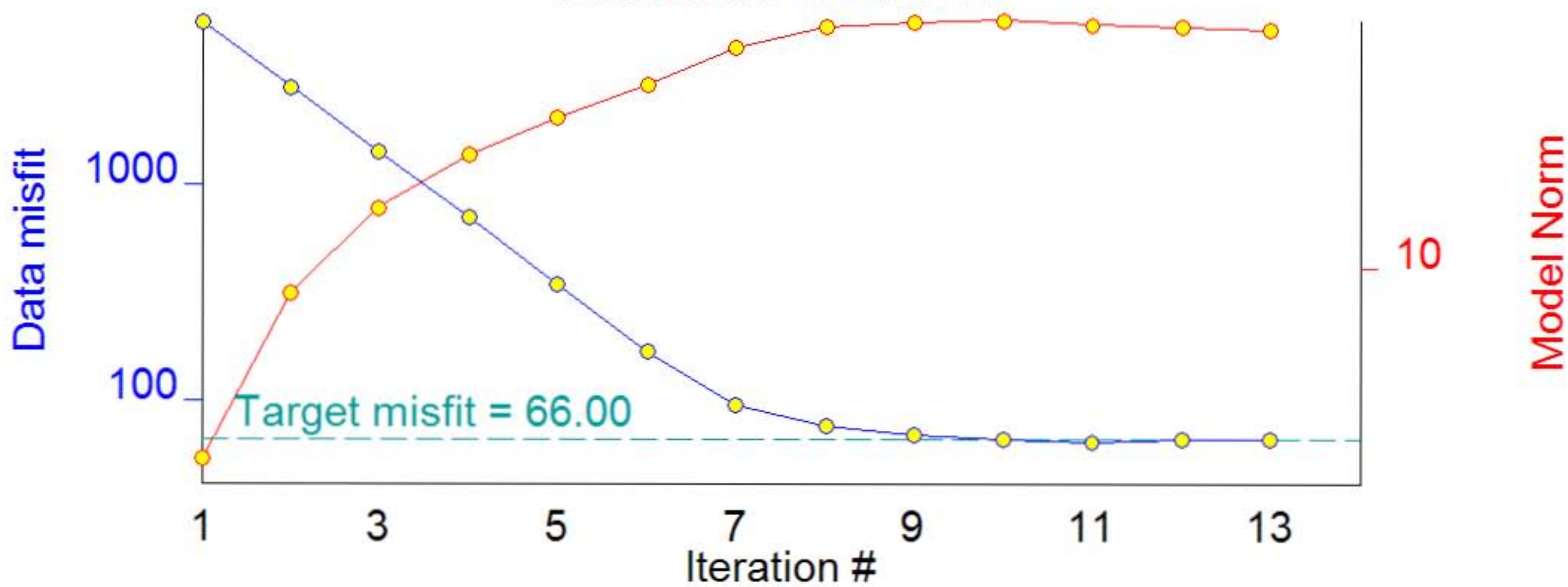
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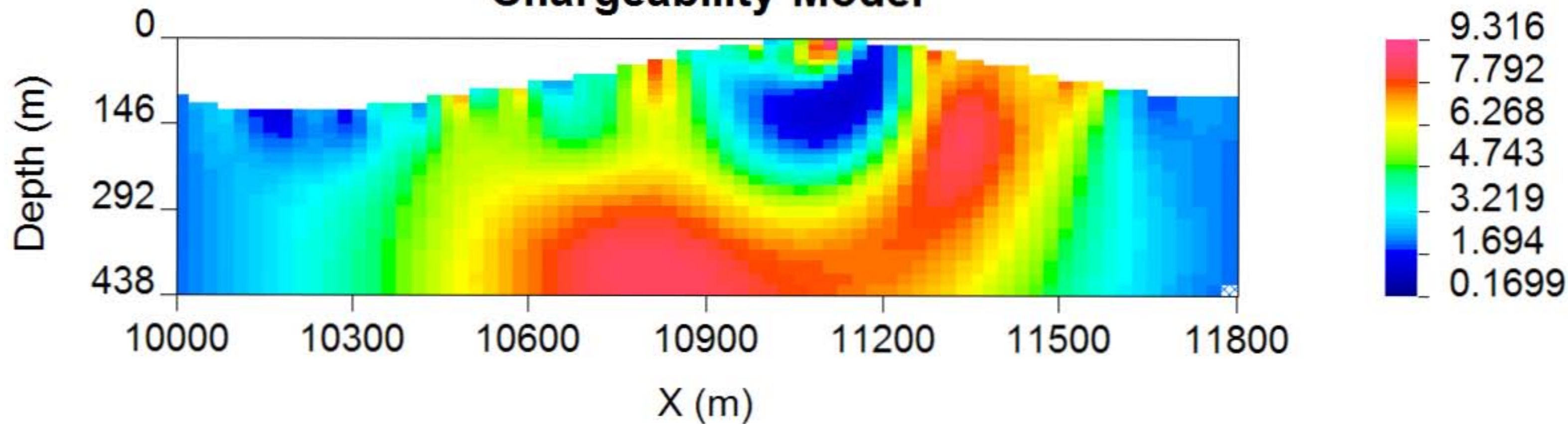
# Resistivity Model



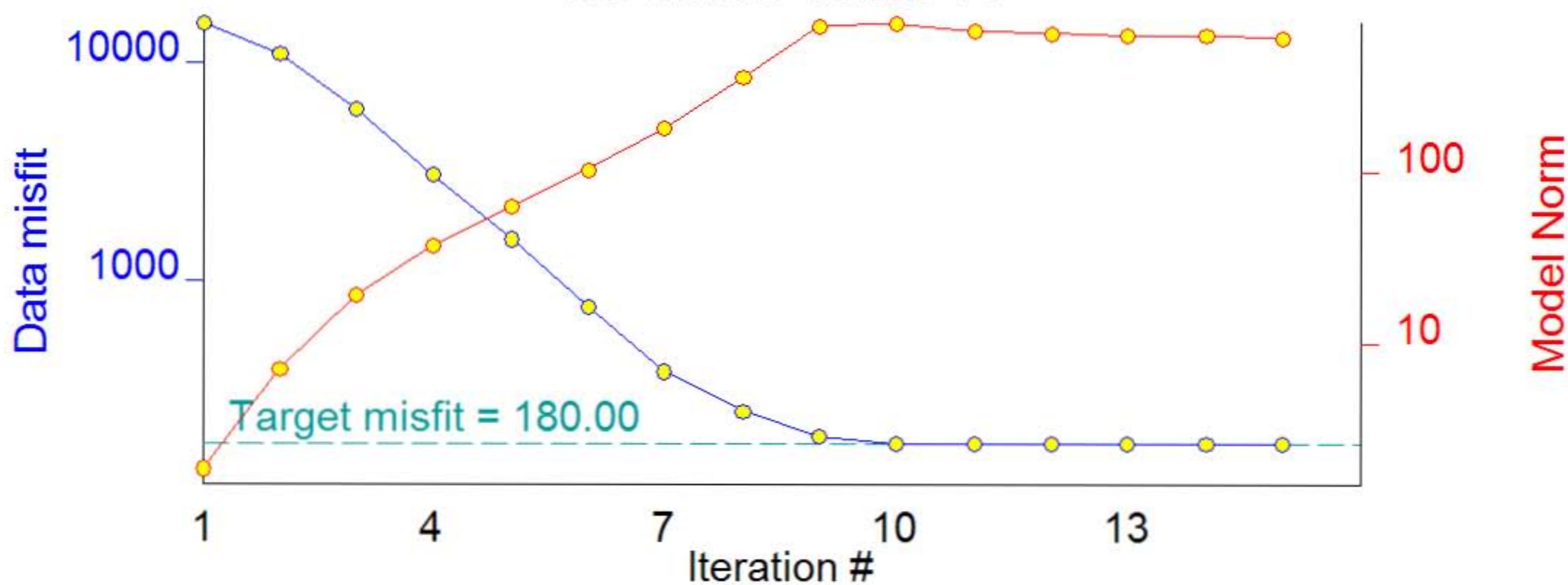
## Iterations done: 13

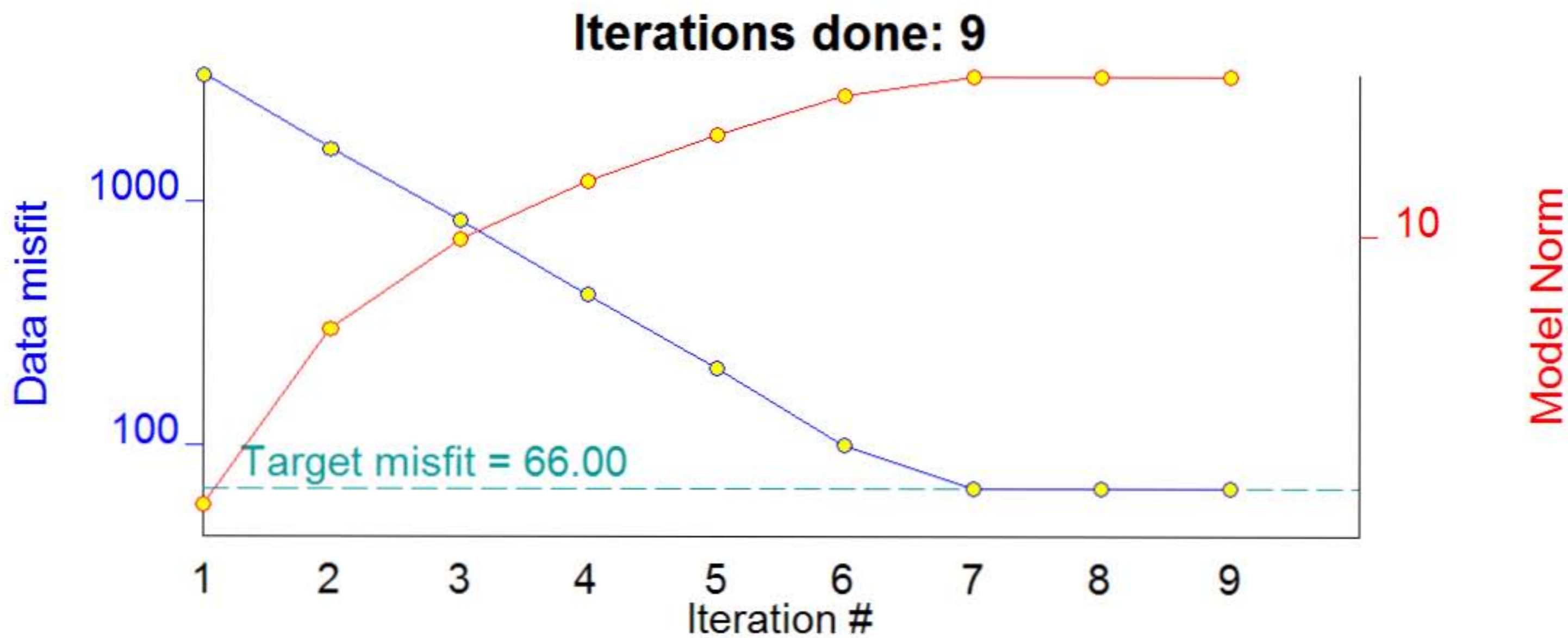
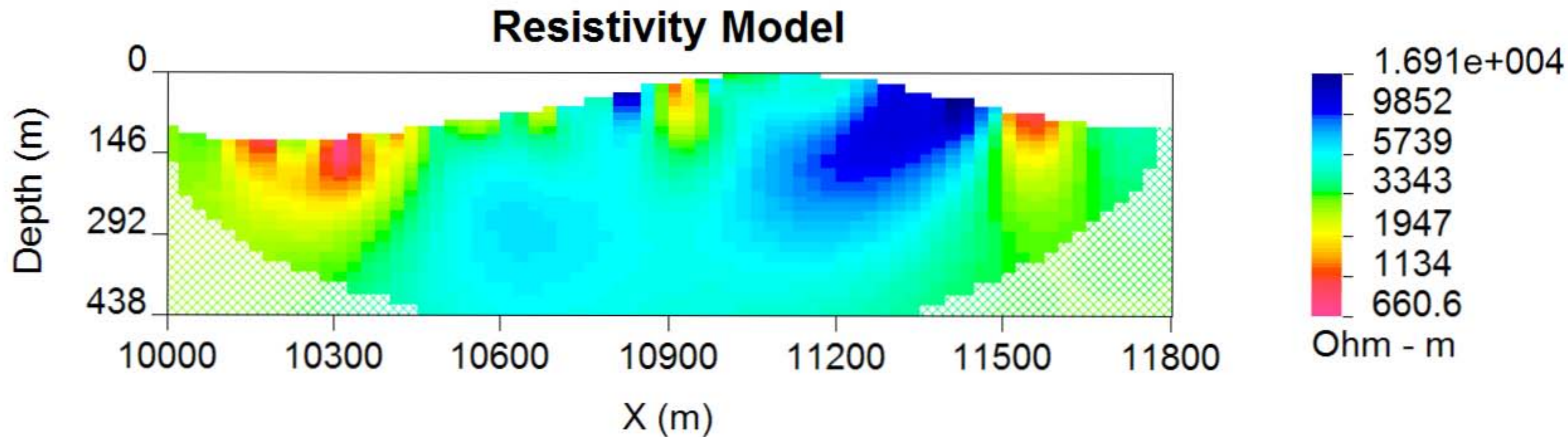


# Chargeability Model

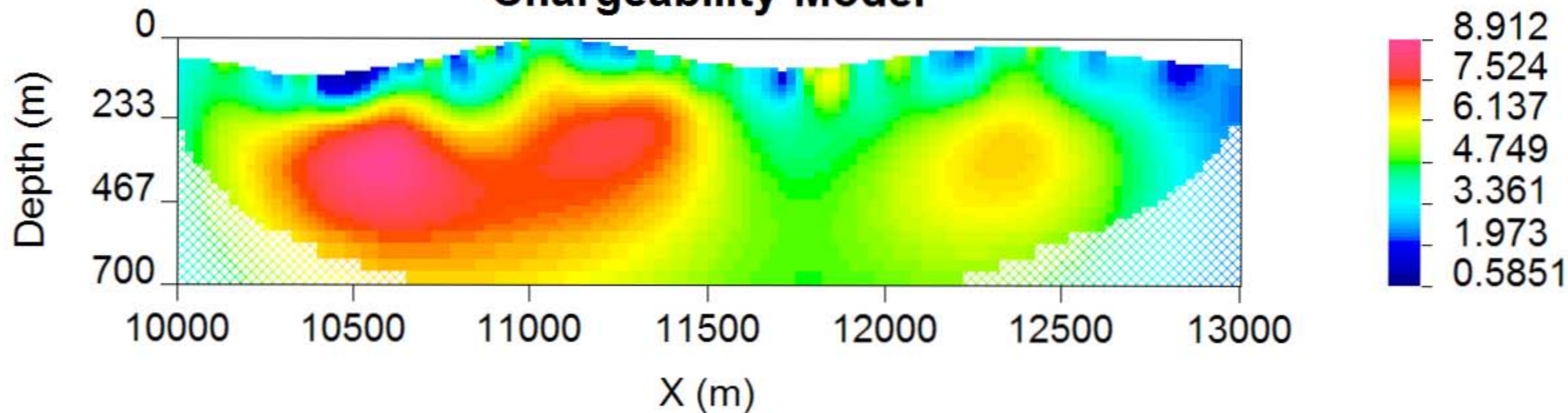


## Iterations done: 15

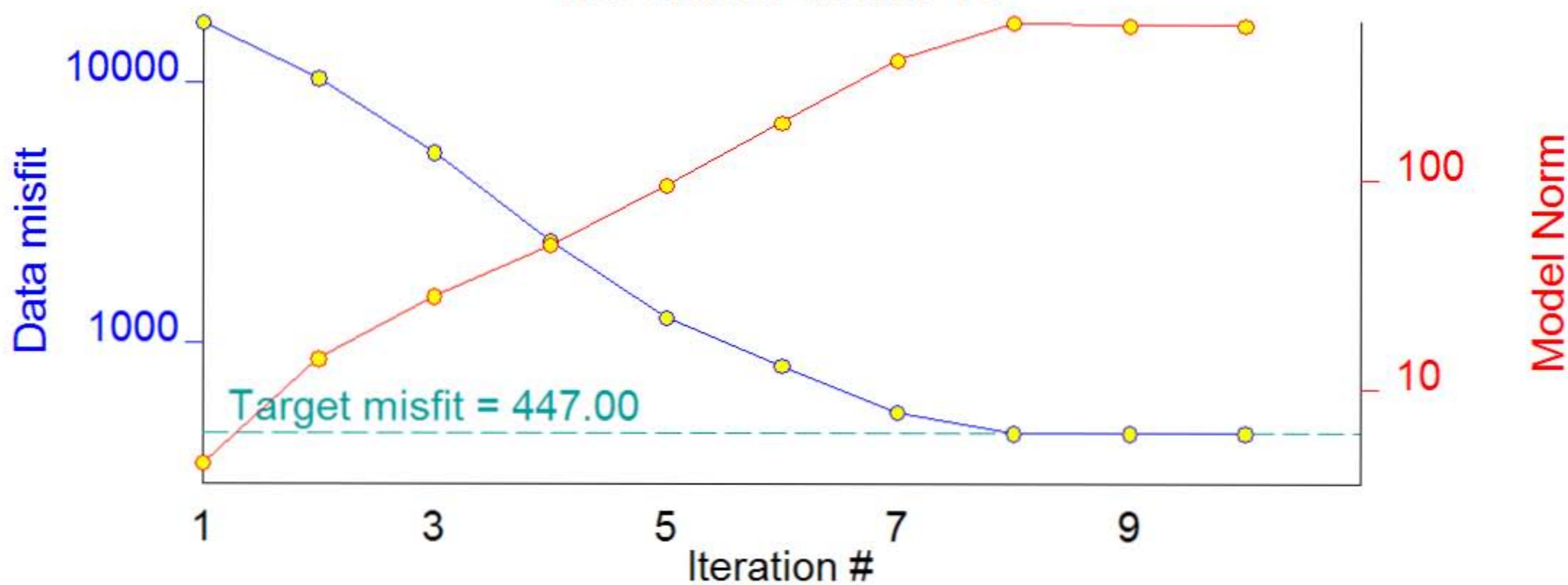




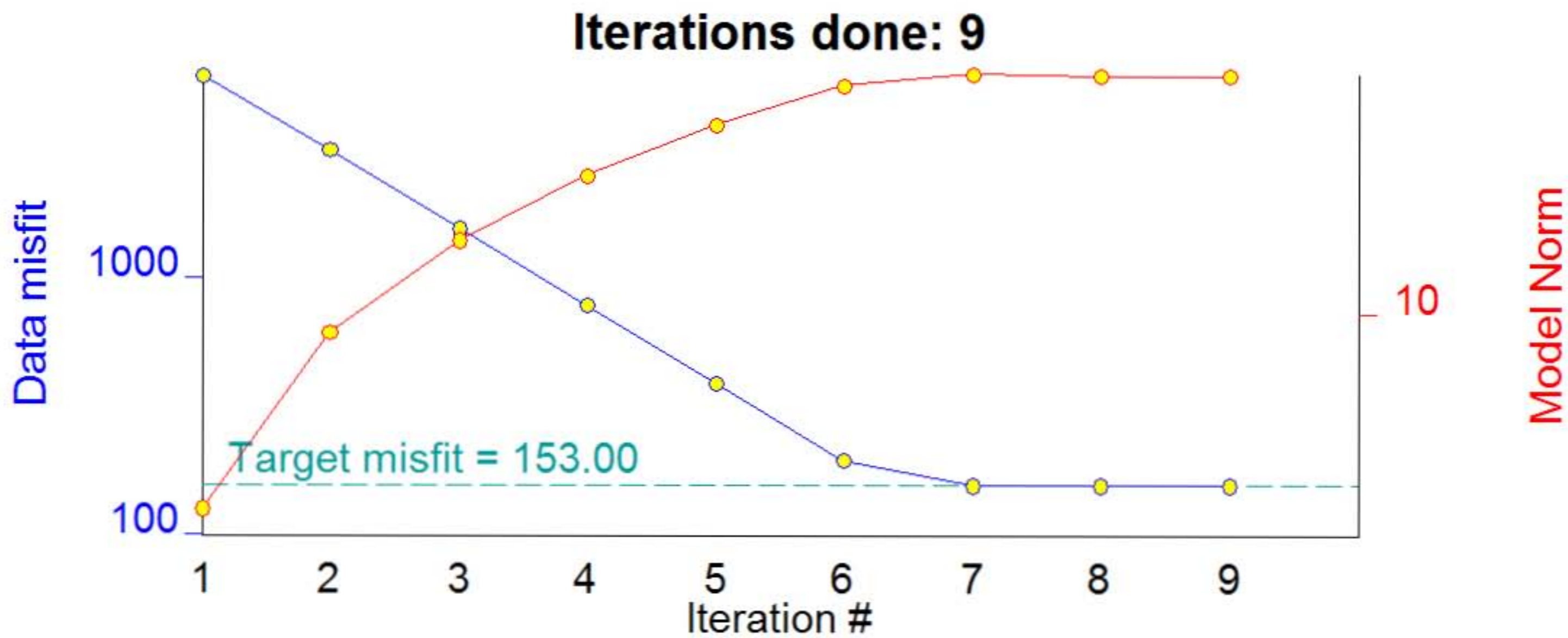
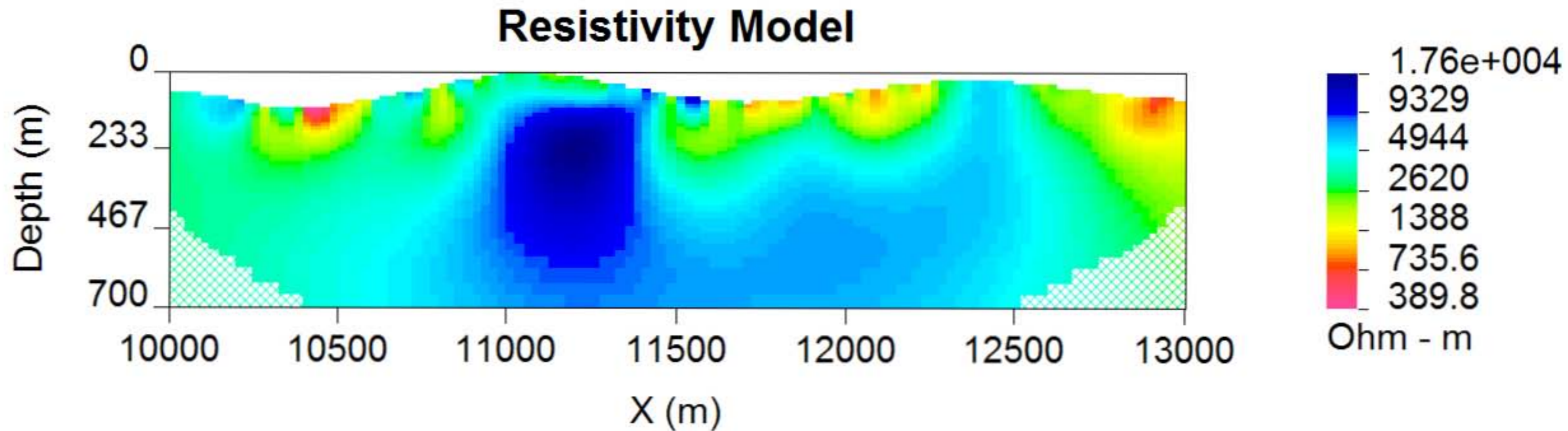
# Chargeability Model



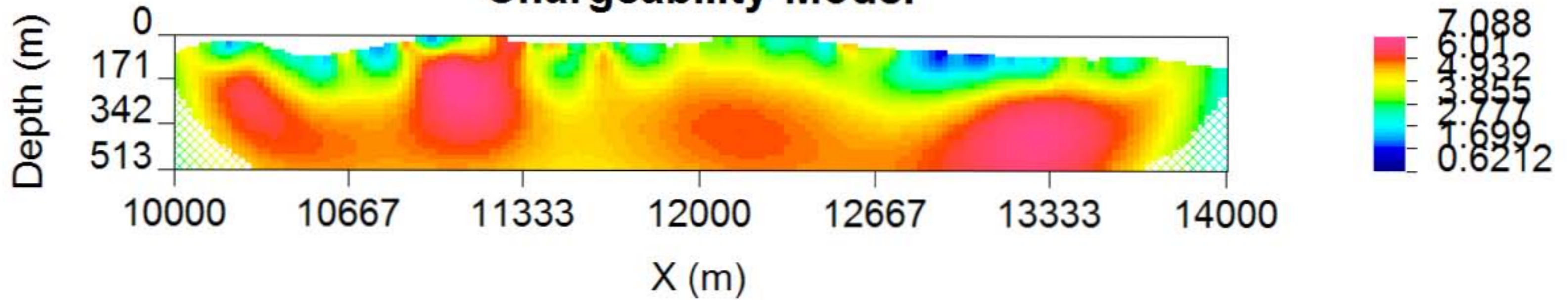
## Iterations done: 10



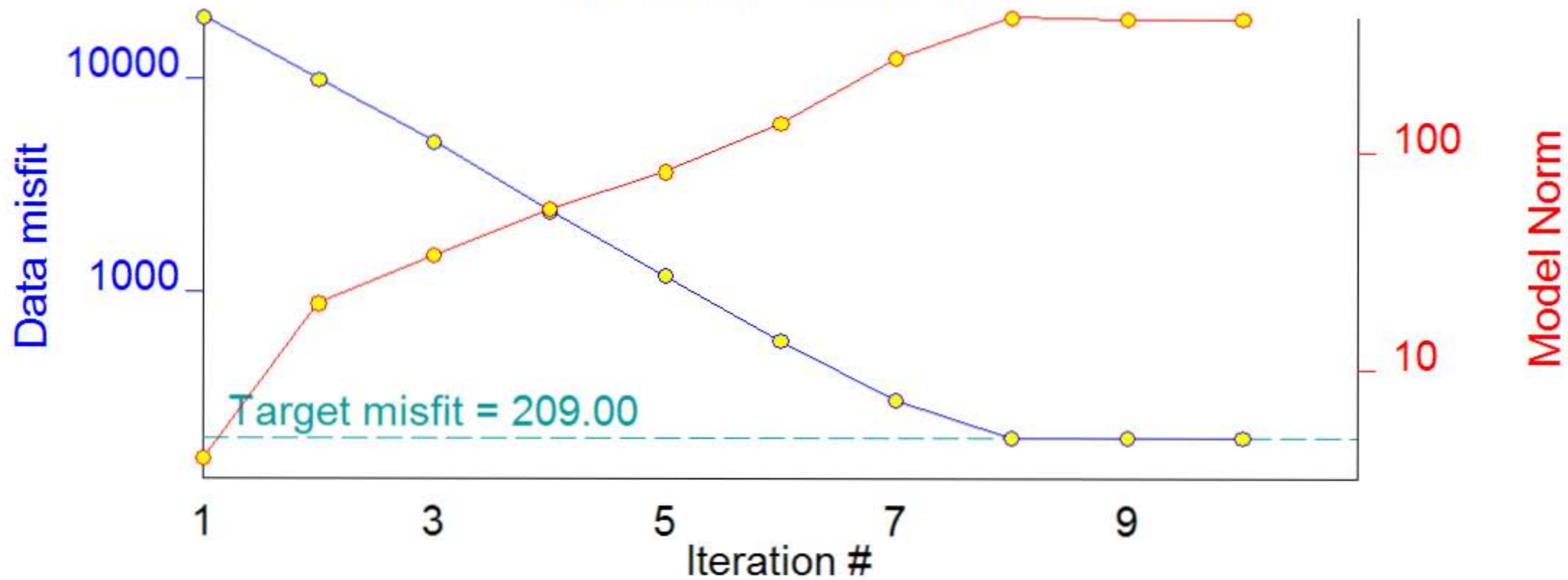


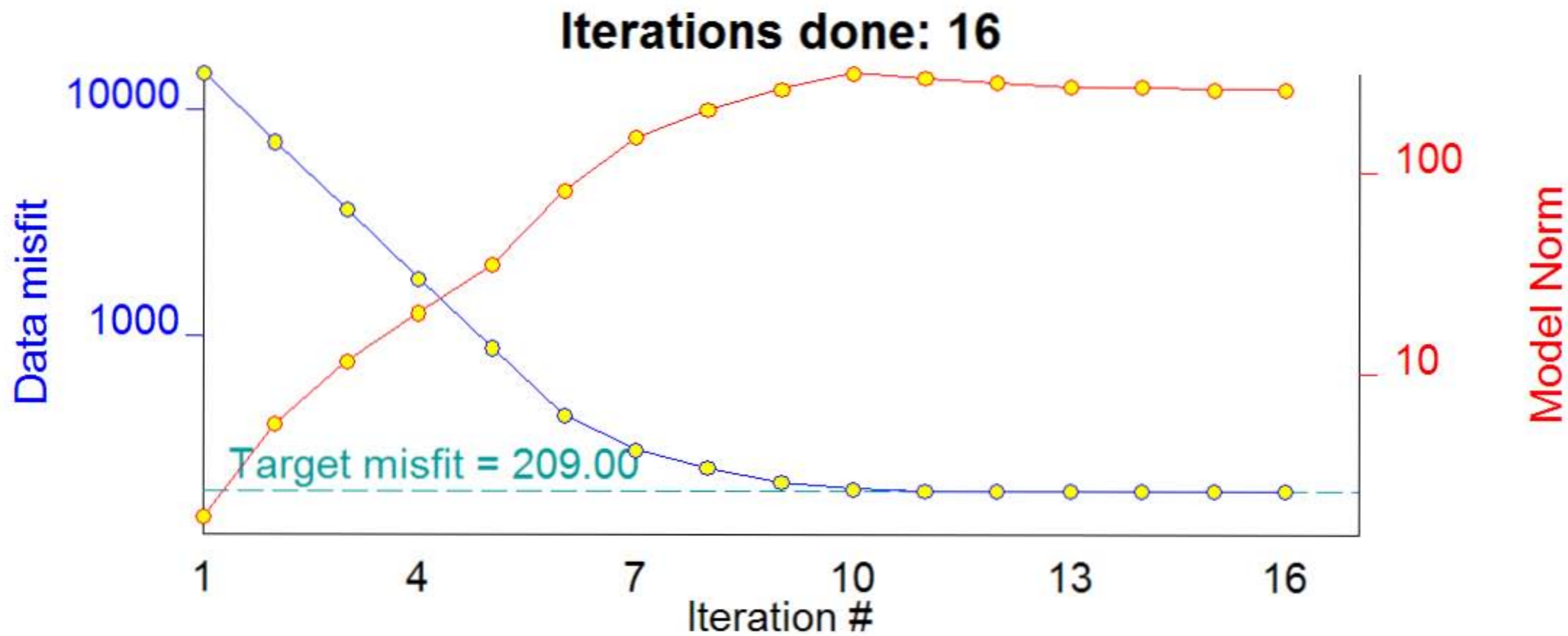
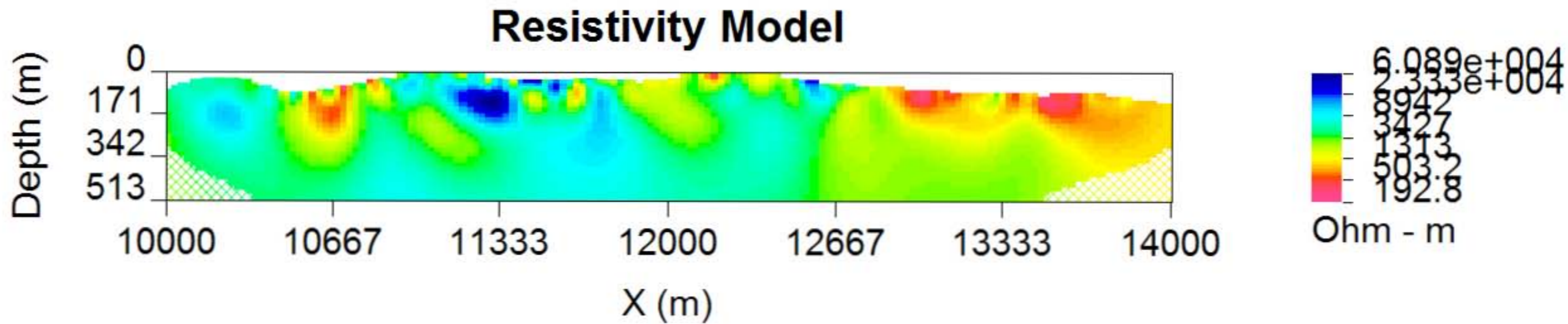


# Chargeability Model

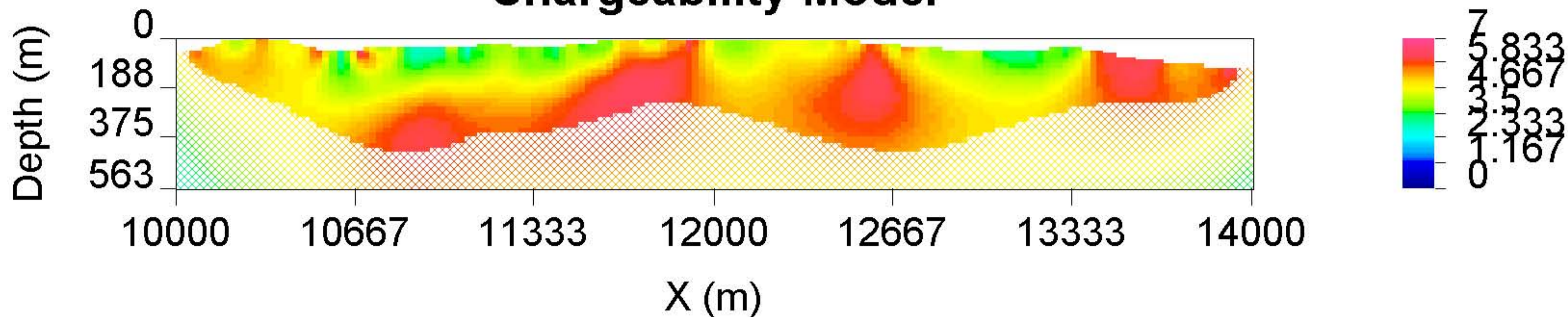


## Iterations done: 10

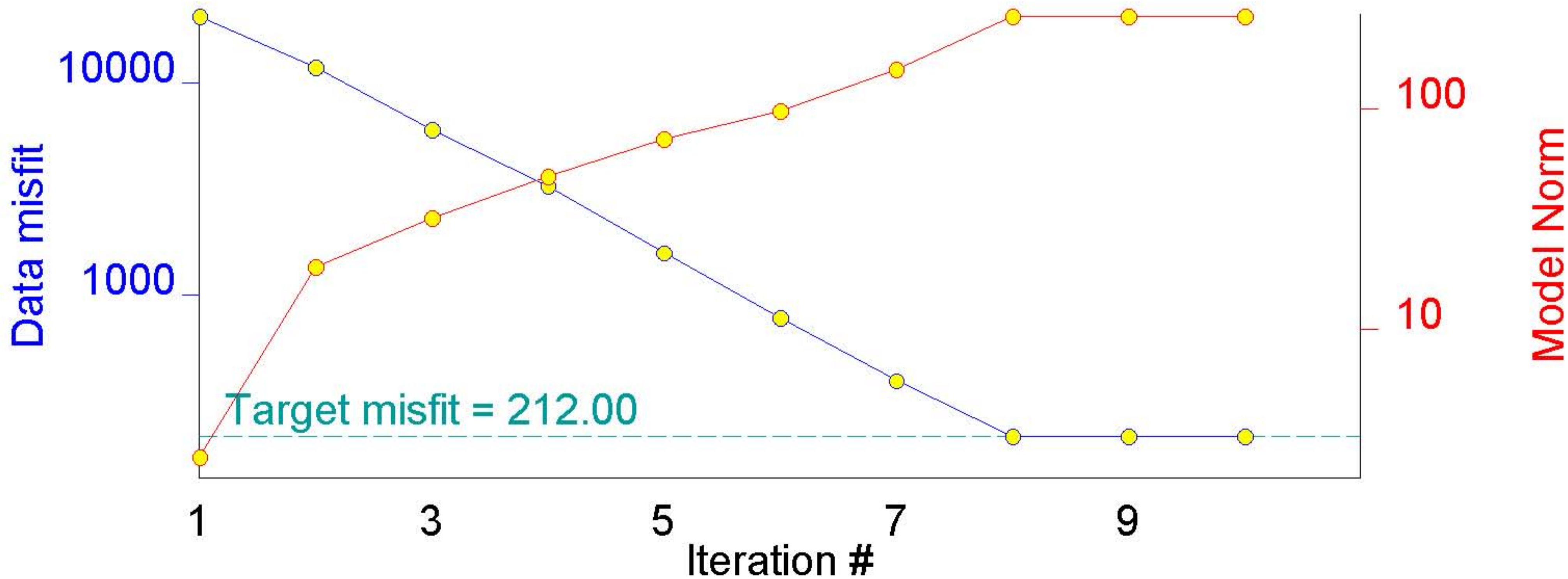


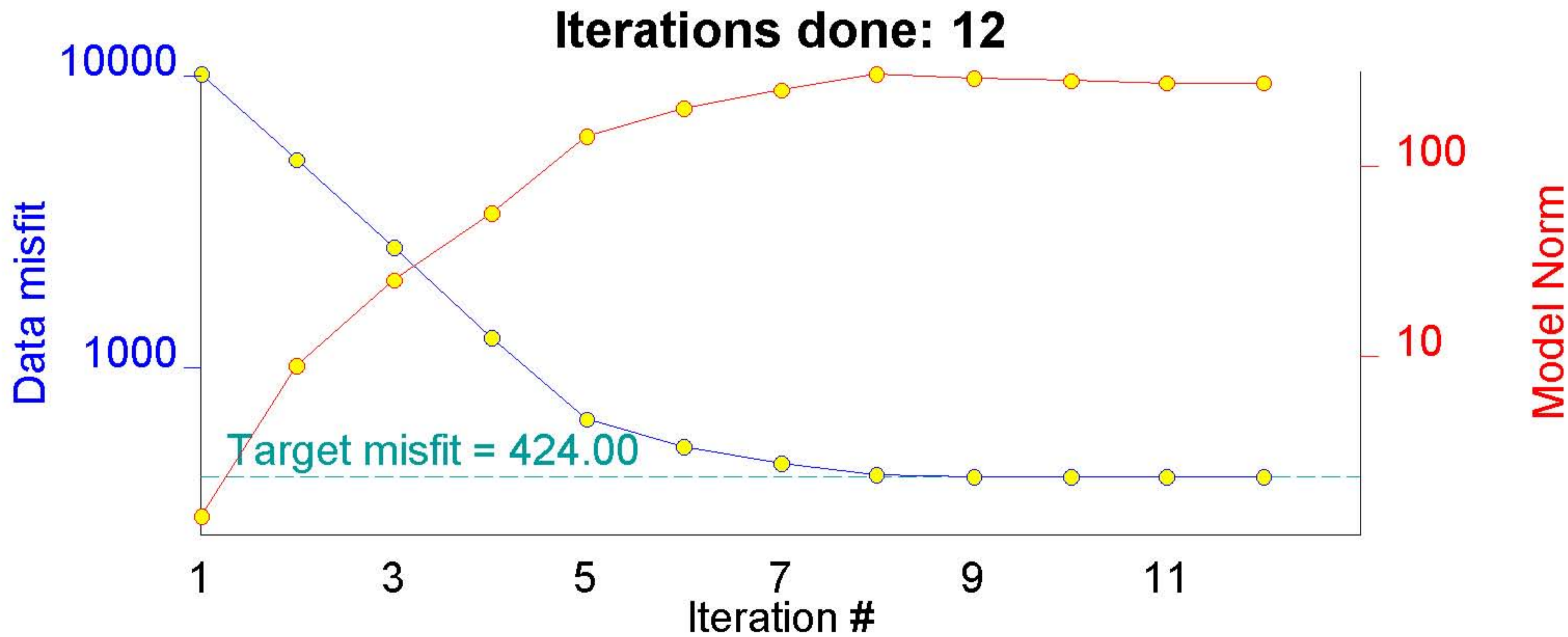
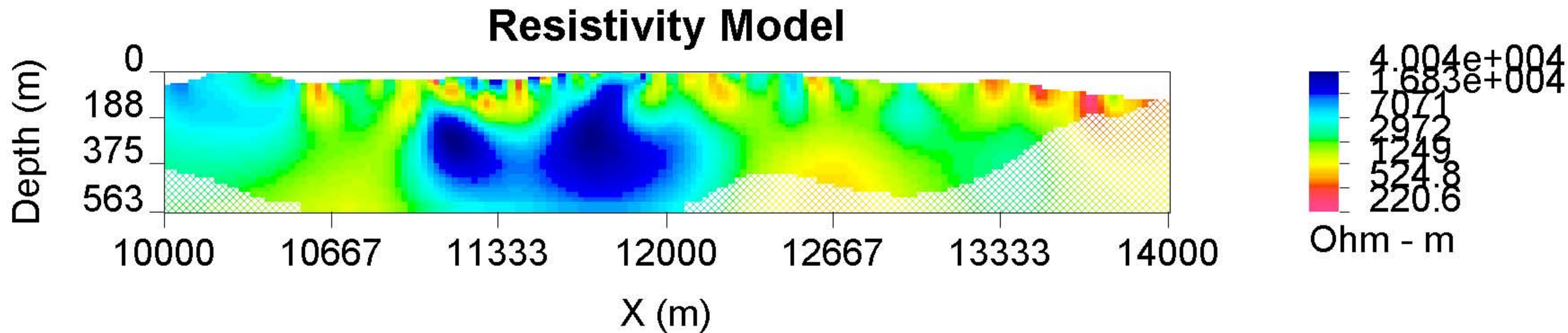


# Chargeability Model

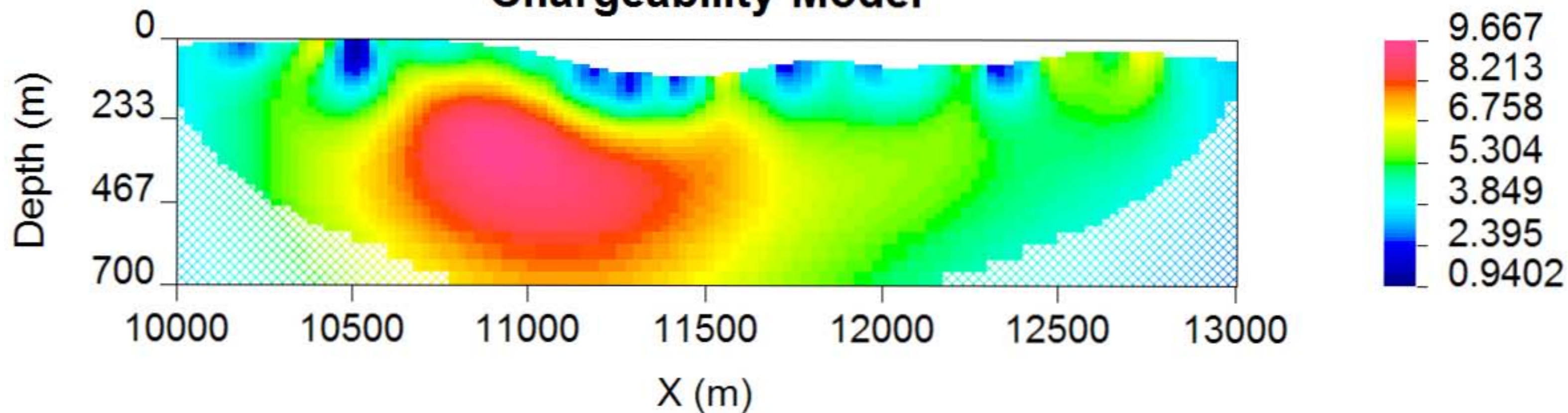


## Iterations done: 10

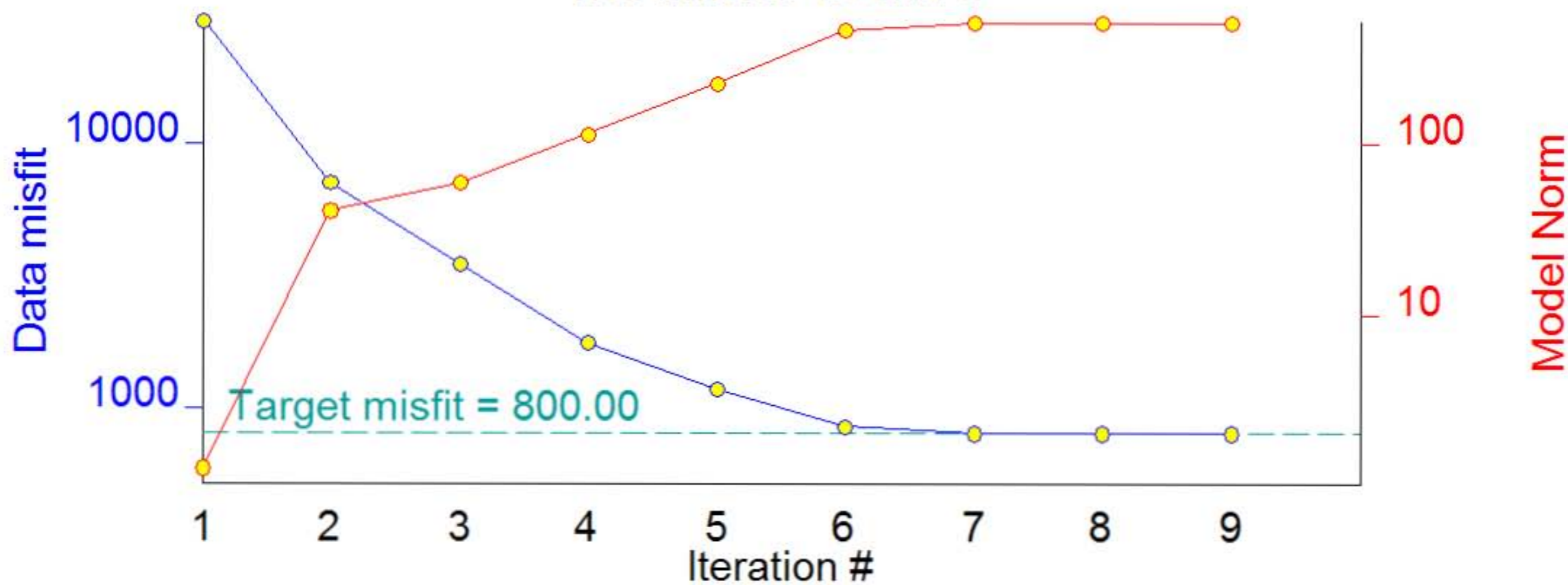




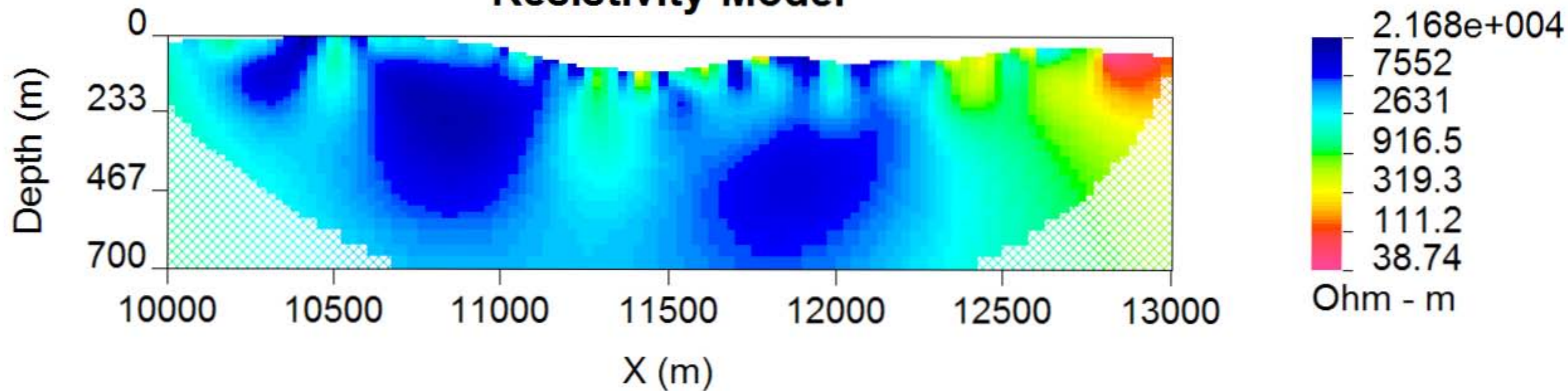
# Chargeability Model



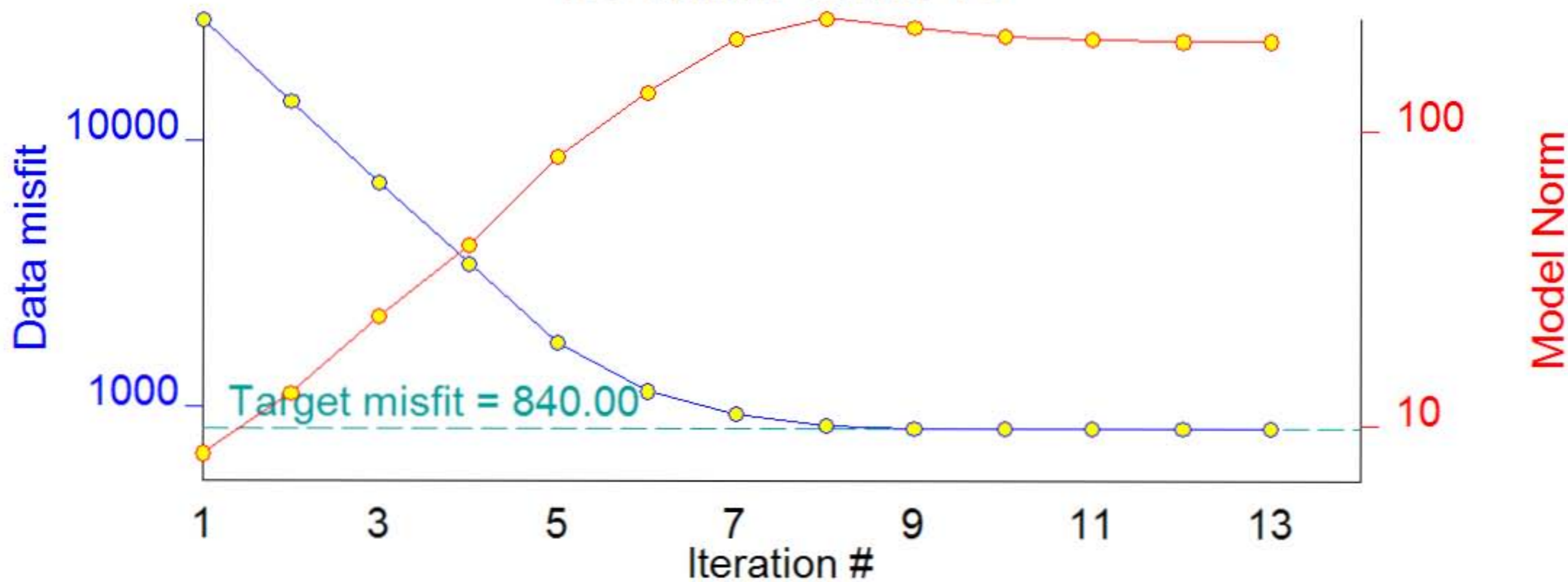
## Iterations done: 9



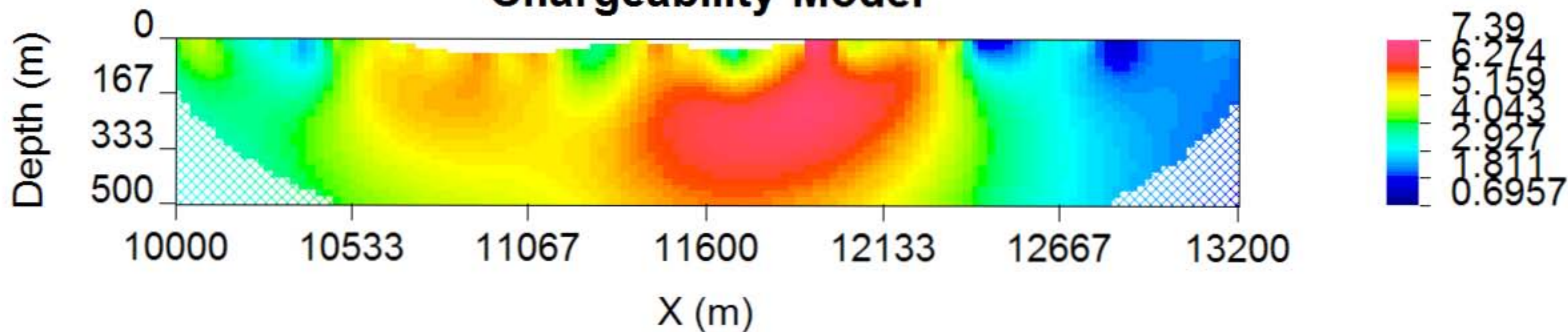
# Resistivity Model



## Iterations done: 13



# Chargeability Model



## Iterations done: 10

