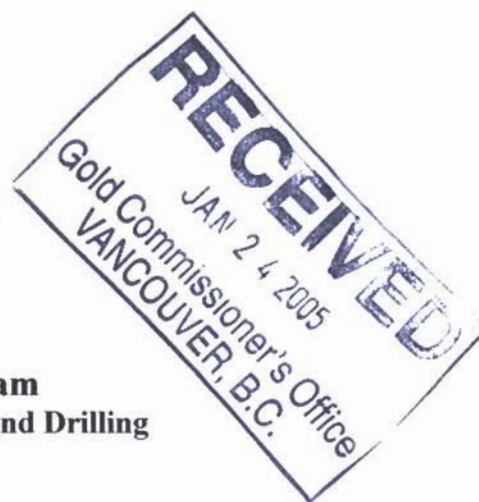


Assessment Report

on the

**2004 Exploration Program
Grid, Geophysics, Trenching, Diamond Drilling**



**IXL PROPERTY
FRANKLIN CAMP**

NTS 82E/9

Lat: 49° 32' 30'' N Long: 118° 24' 45'' W
(at approximate centre of property)

Greenwood Mining Division
British Columbia, Canada

Prepared for:

Cougar Minerals Corp.
789 West Pender - Suite 1450
Vancouver, B.C.
V6C 1H2

and

New Cantech Ventures Inc.
431 Pacific St. - Suite 431
Vancouver, B.C.
V6Z 2B6

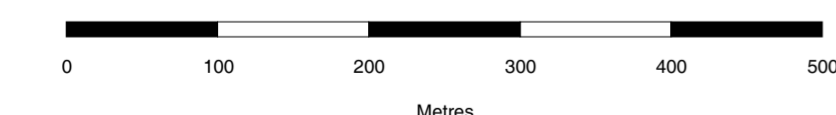
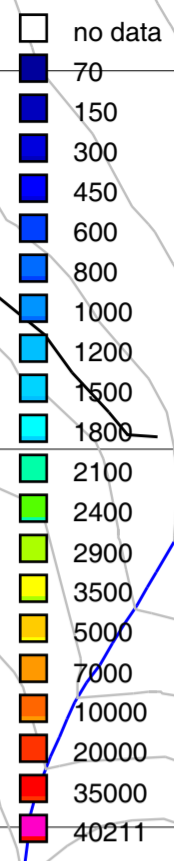
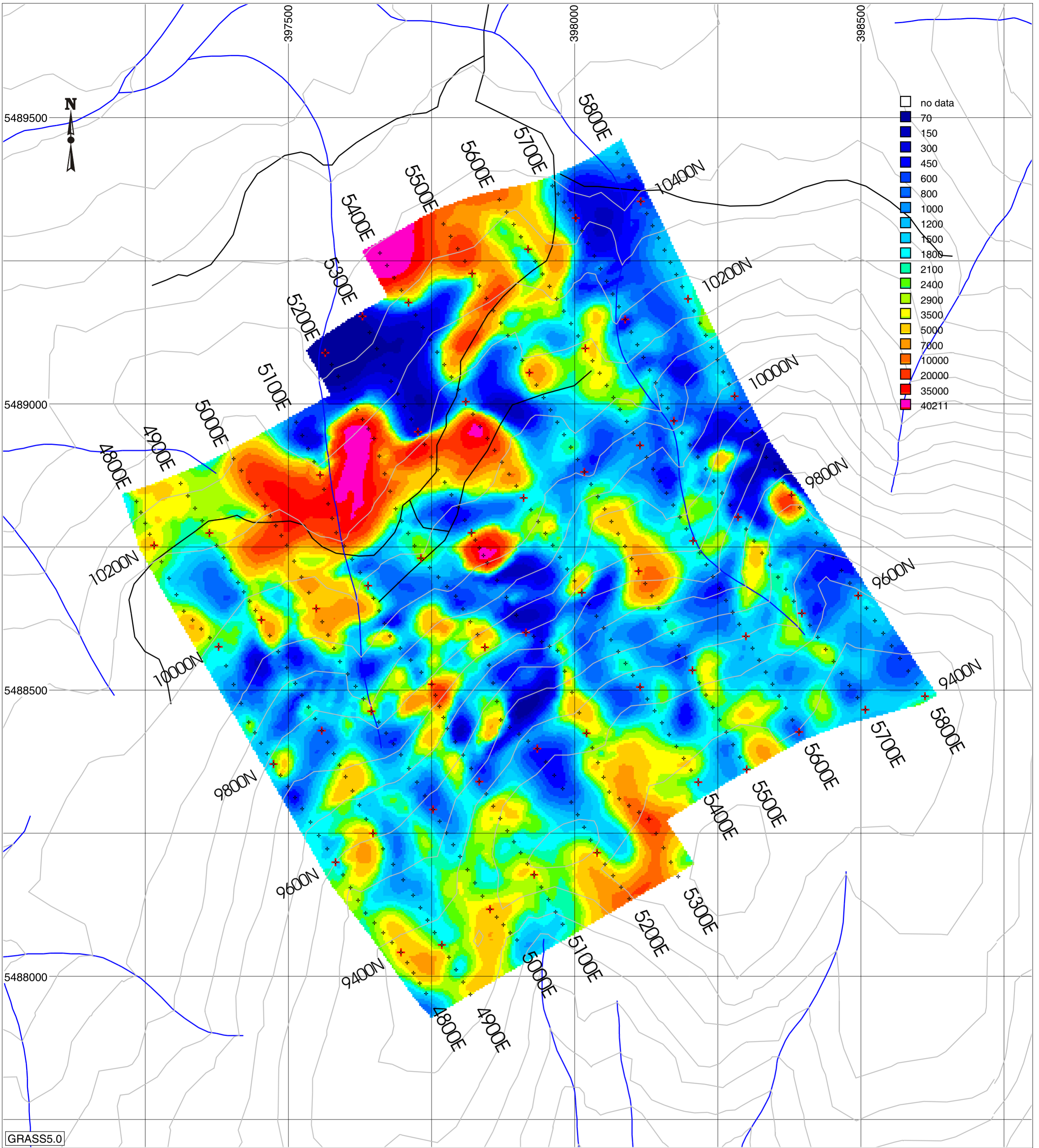
By:
Linda Caron, M.Sc., P. Eng.
717 75th Ave, Box 2493
Grand Forks, B.C.
V0H 1H0



A handwritten signature in blue ink, appearing to be "Linda Caron", written over the bottom of the professional seal.

January 17, 2005

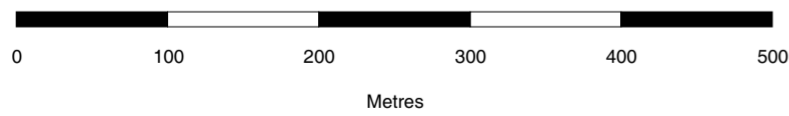
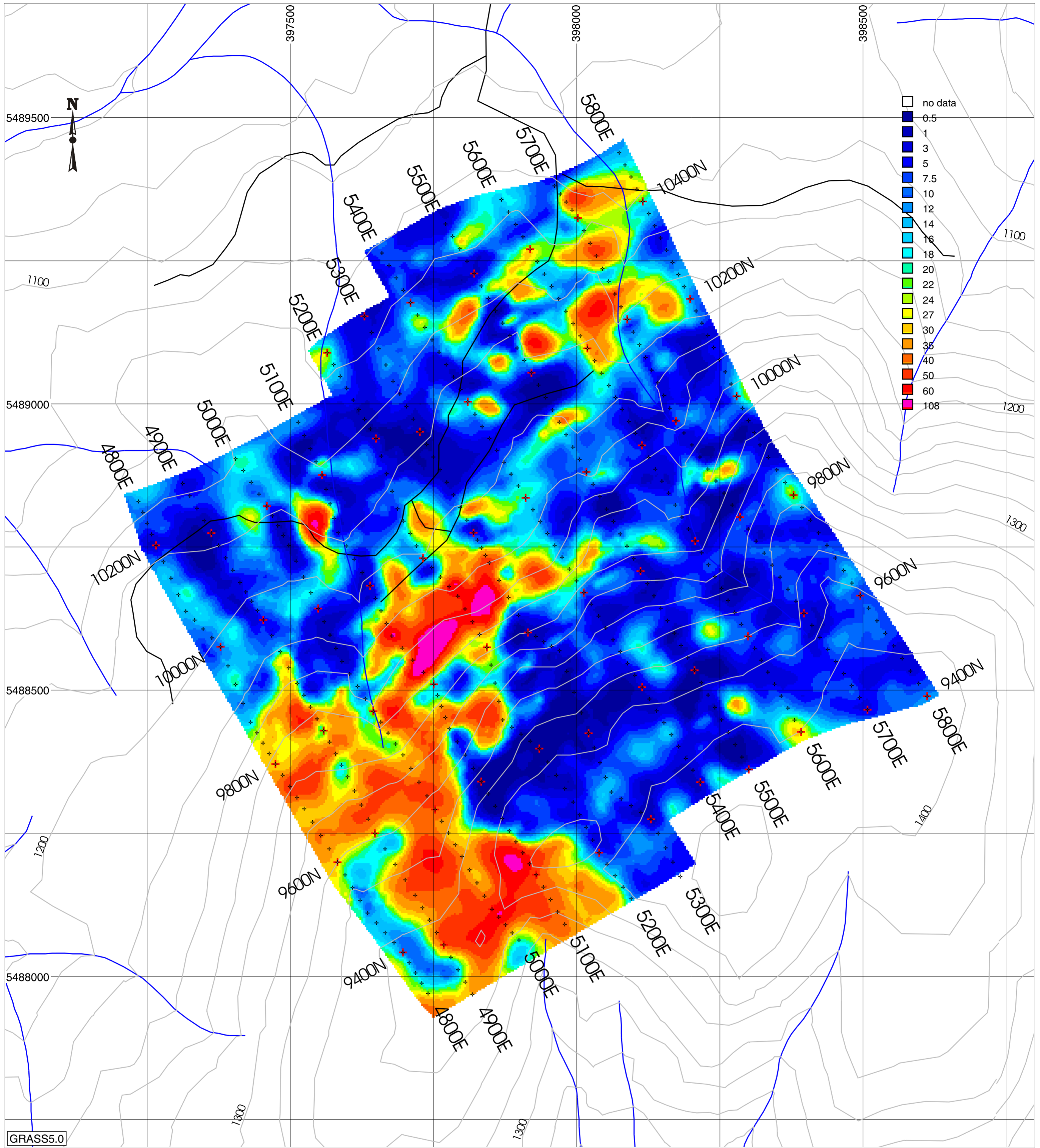
VOLUME 3 - MAPS



- Legend**
- Contour Lines
 - Rivers
 - Roads

COUGAR RESOURCES
 IXL Grid
 Grand Forks, BC - Canada
3D IP Survey
 3D DC Inversion model
 Interpreted Resistivity (Ohm-m)
 25m Below Surface

Survey by: SJ Geophysics Ltd.
 DC Inversion by: S.J.V. Consultants Ltd.
 Processing Date: Oct, 2004
 Projection: UTM
 Datum: NAD83
 Zone: 11
 Mapping Date: Oct, 2004



- Legend**
- Contour Lines
 - Rivers
 - Roads

COUGAR RESOURCES

IXL Grid

Grand Forks, BC - Canada

3D IP Survey

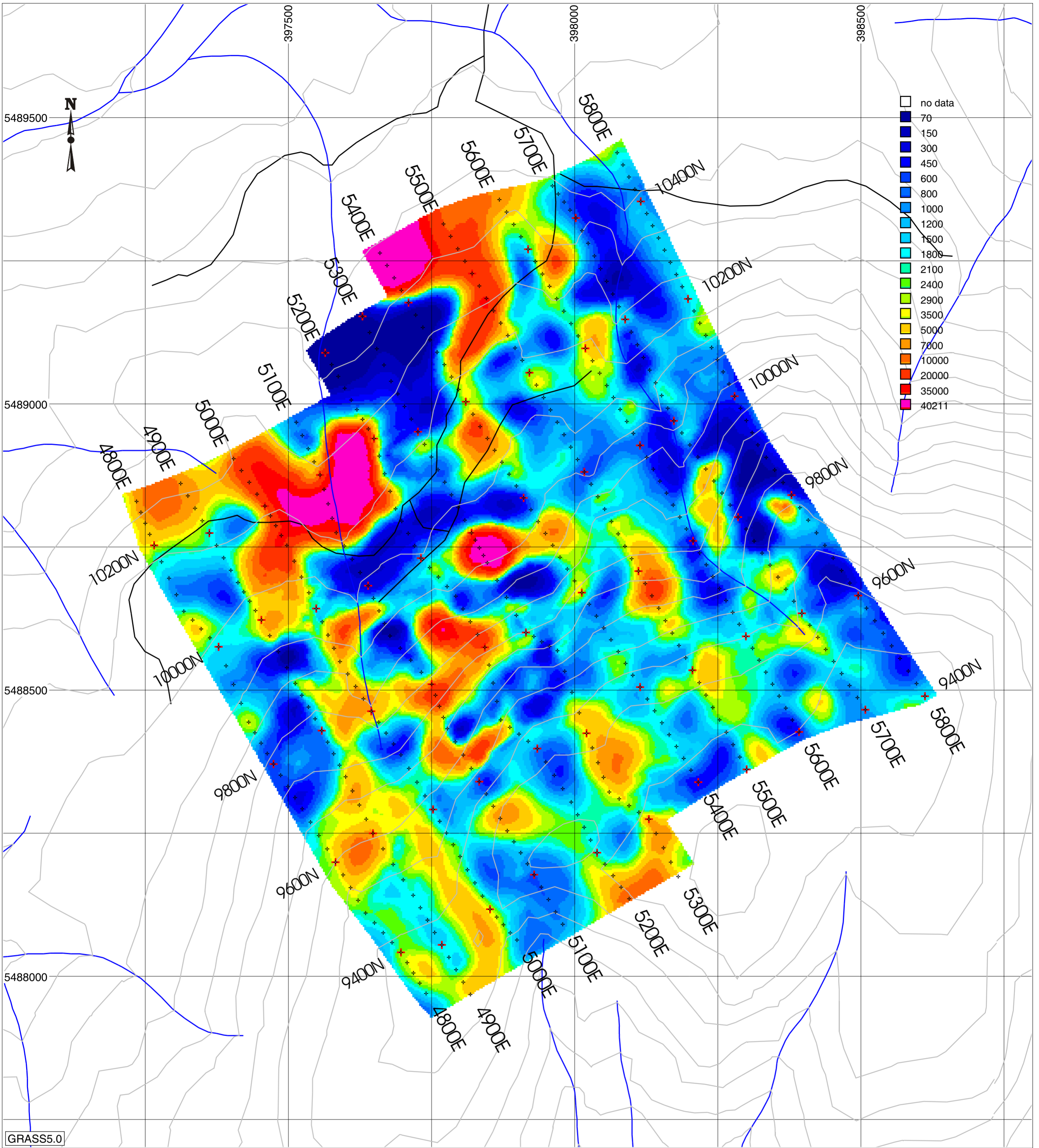
3D IP Inversion model

Interpreted Chargeability (ms)

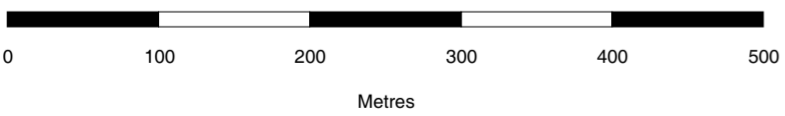
25m Below Surface

Survey by: SJ Geophysics Ltd.
 IP Inversion by: S.J.V. Consultants Ltd.
 Processing Date: Oct, 2004
 Projection: UTM
 Datum: NAD83
 Zone: 11
 Mapping Date: Oct, 2004





GRASS5.0



- Legend**
- Contour Lines
 - Rivers
 - Roads

COUGAR RESOURCES

IXL Grid

Grand Forks, BC - Canada

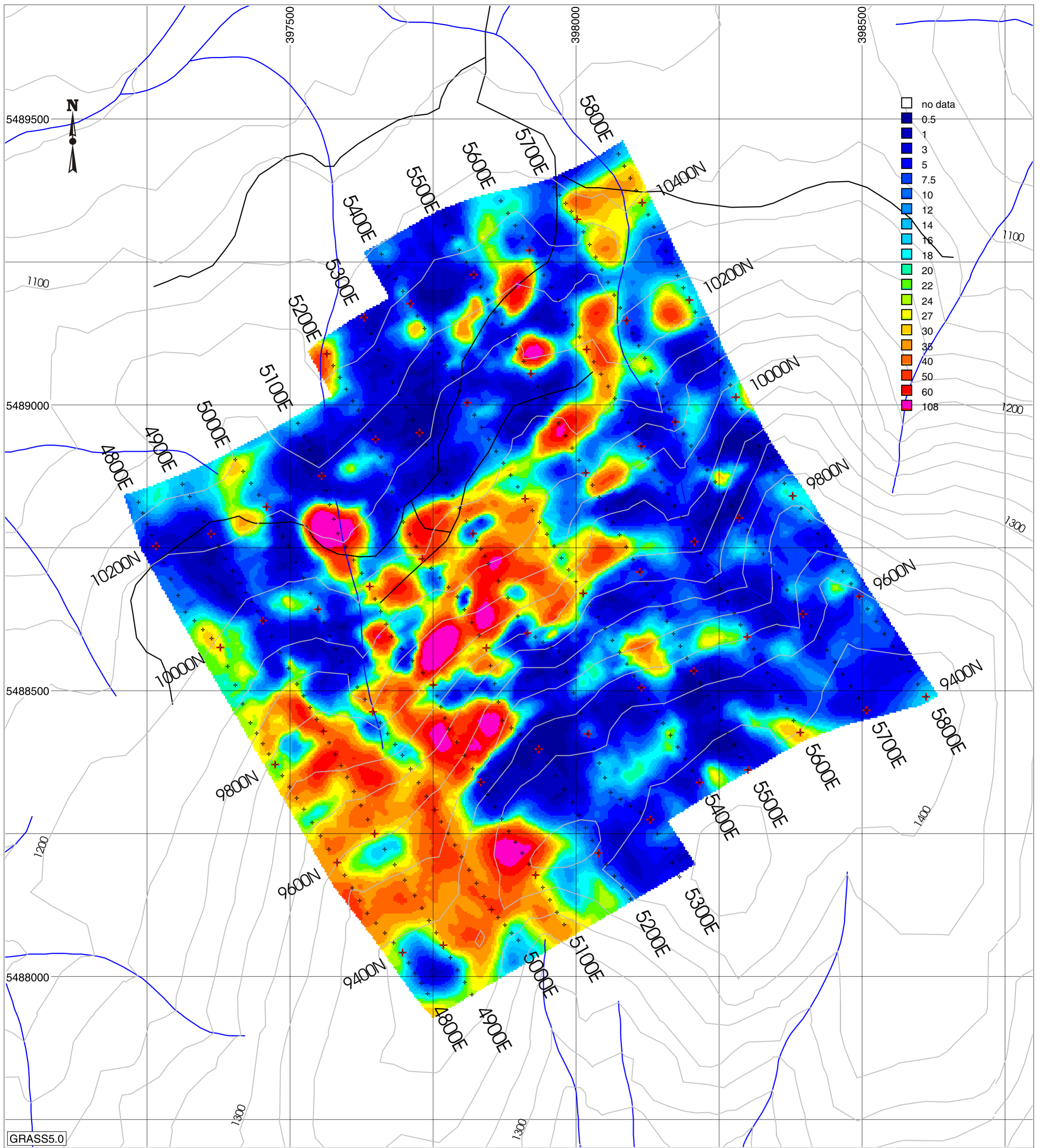
3D IP Survey

3D DC Inversion model

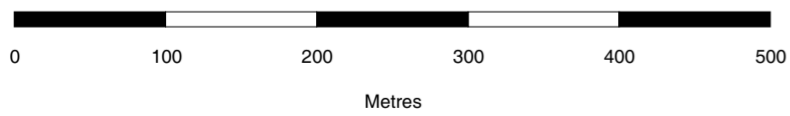
Interpreted Resistivity (Ohm-m)

50m Below Surface

Survey by: SJ Geophysics Ltd.
DC Inversion by: S.J.V. Consultants Ltd.
Processing Date: Oct, 2004
Projection: UTM
Datum: NAD83
Zone: 11
Mapping Date: Oct, 2004



GRASS5.0



Legend

- Contour Lines
- Rivers
- Roads

Survey by: SJ Geophysics Ltd.
 IP Inversion by: S.J.V. Consultants Ltd.
 Processing Date: Oct, 2004
 Projection: UTM
 Datum: NAD83
 Zone: 11
 Mapping Date: Oct, 2004

COUGAR RESOURCES

IXL Grid

Grand Forks, BC - Canada

3D IP Survey

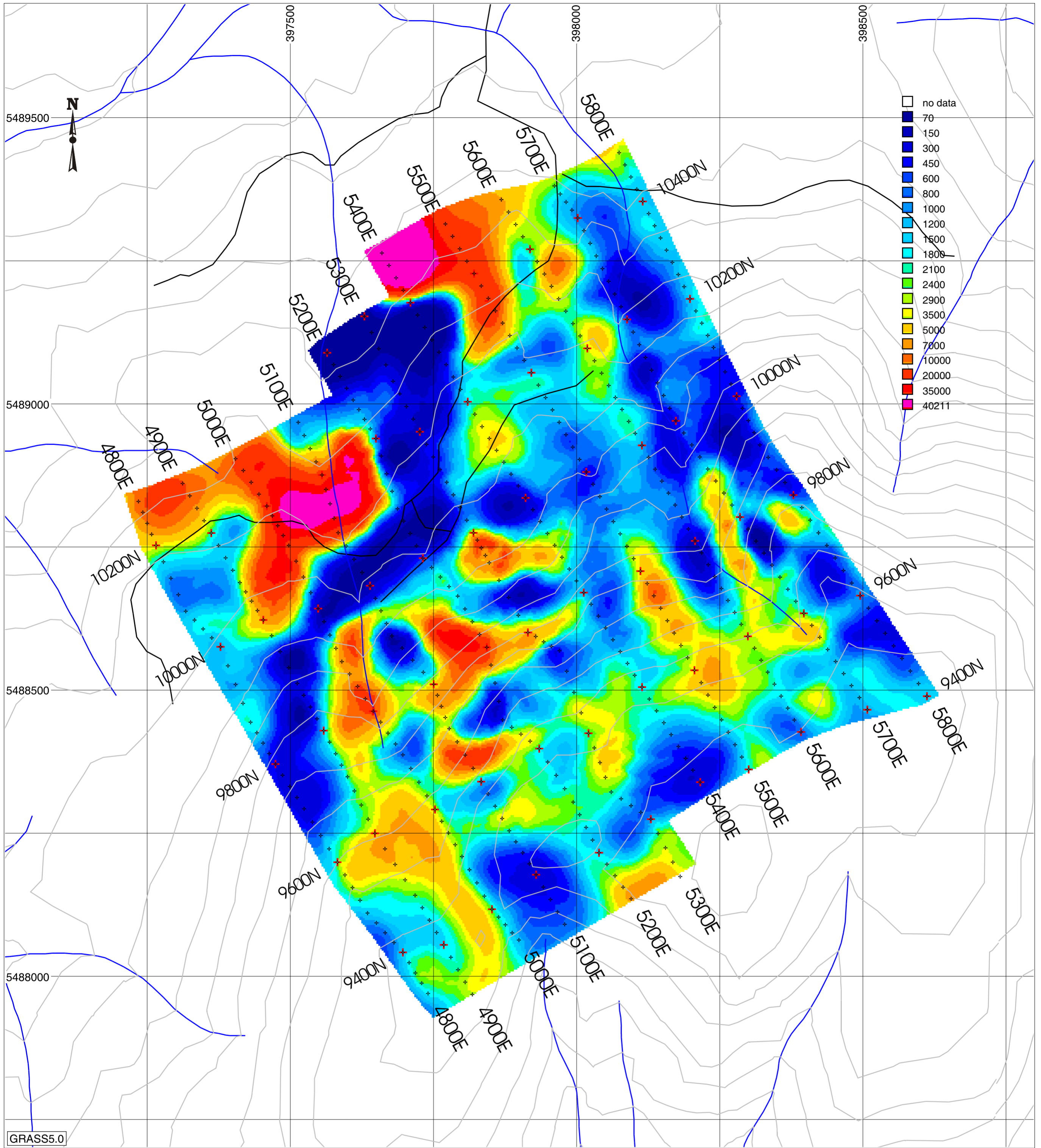
3D IP Inversion model

Interpreted Chargeability (ms)

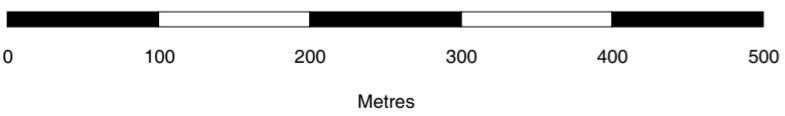
50m Below Surface



SJ Geophysics Ltd.



GRASS5.0



- Legend**
- Contour Lines
 - Rivers
 - Roads

COUGAR RESOURCES

IXL Grid

Grand Forks, BC - Canada

3D IP Survey

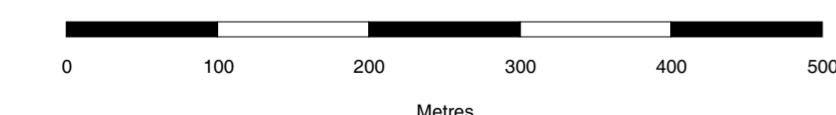
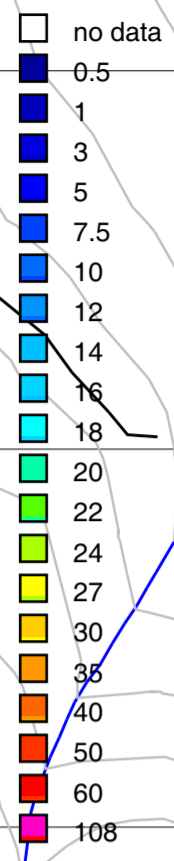
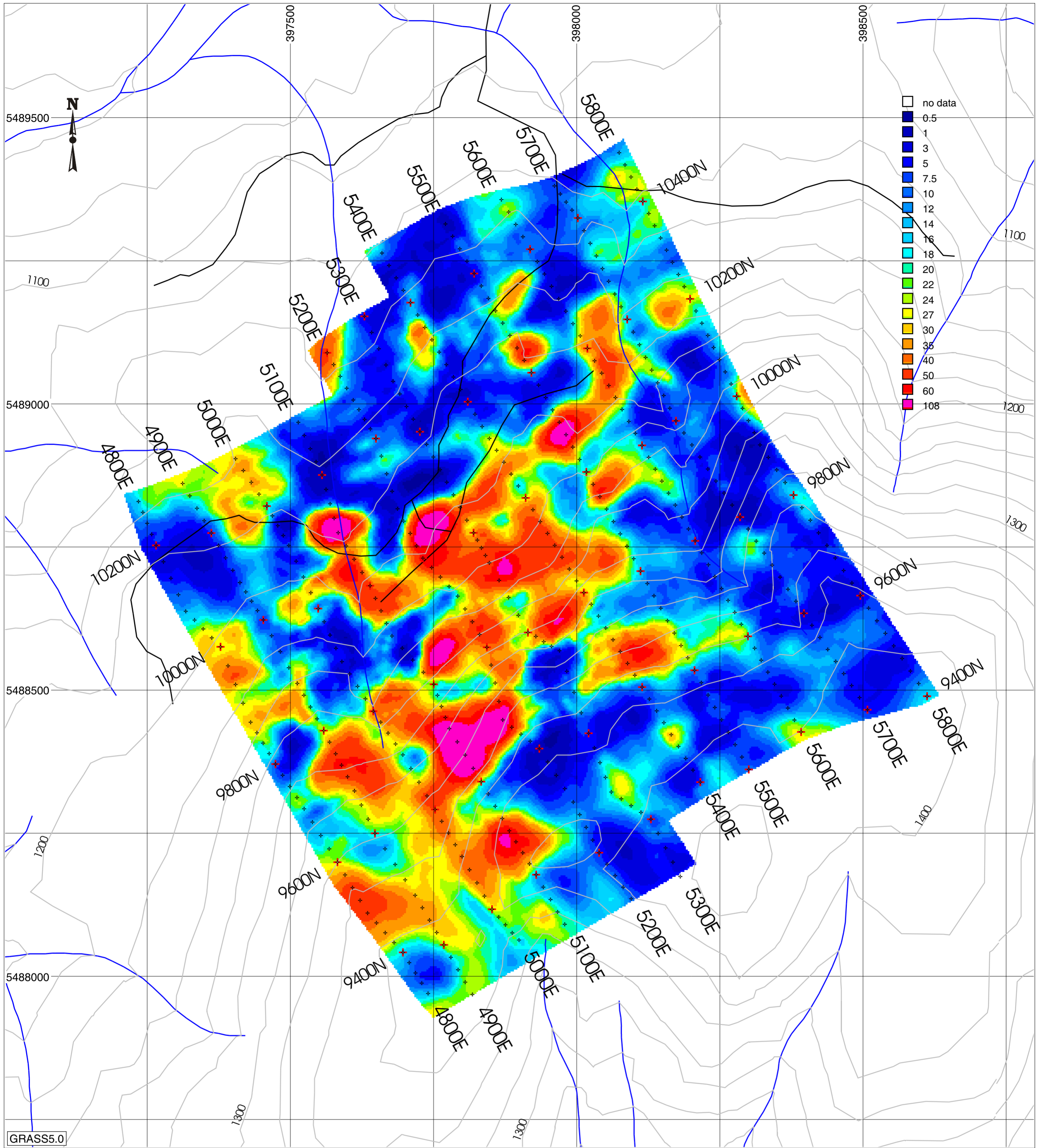
3D DC Inversion model

Interpreted Resistivity (Ohm-m)

75m Below Surface

Survey by: SJ Geophysics Ltd.
 DC Inversion by: S.J.V. Consultants Ltd.
 Processing Date: Oct, 2004
 Projection: UTM
 Datum: NAD83
 Zone: 11
 Mapping Date: Oct, 2004





- Legend**
- Contour Lines
 - Rivers
 - Roads

COUGAR RESOURCES

IXL Grid

Grand Forks, BC - Canada

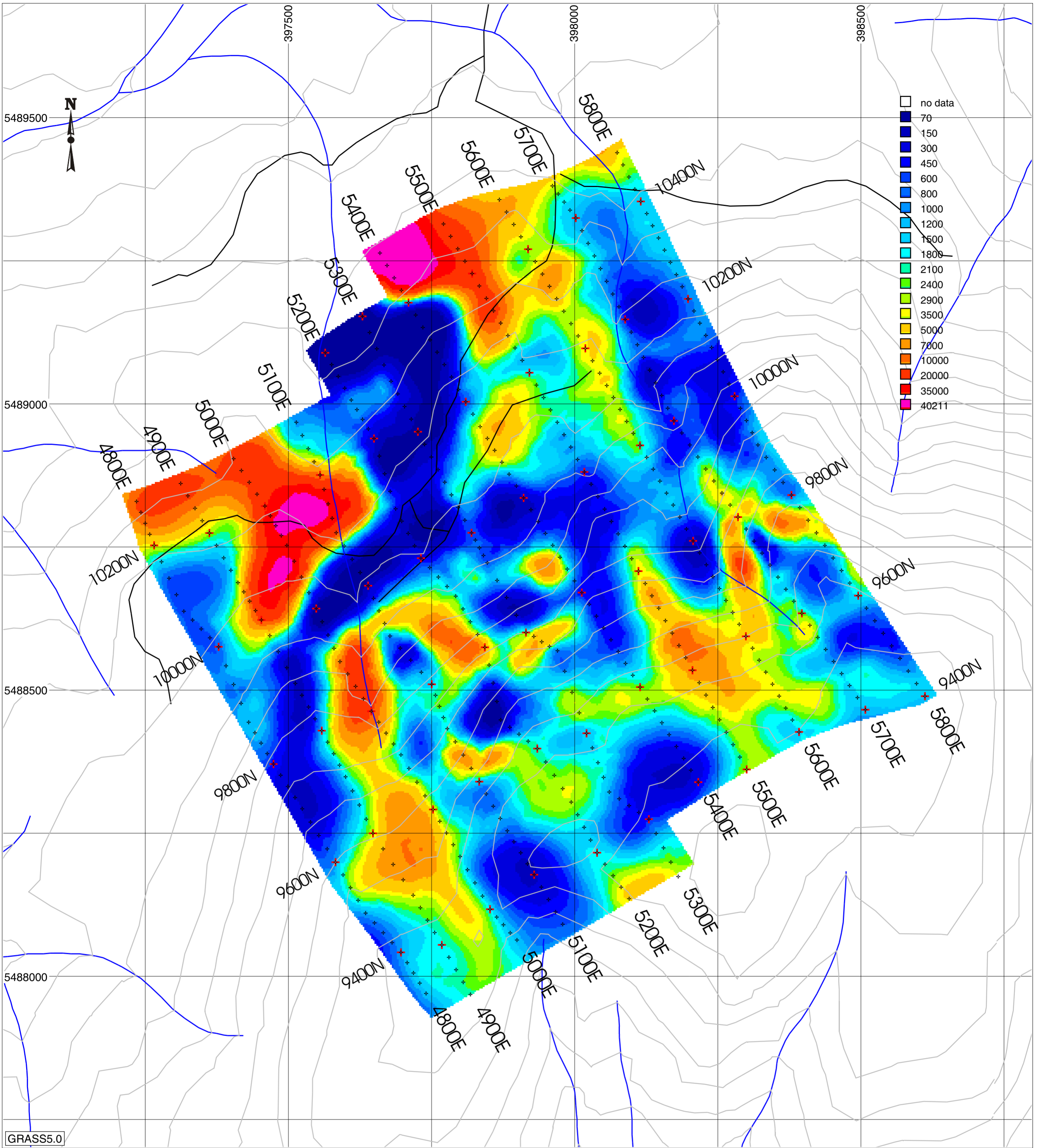
3D IP Survey

3D IP Inversion model

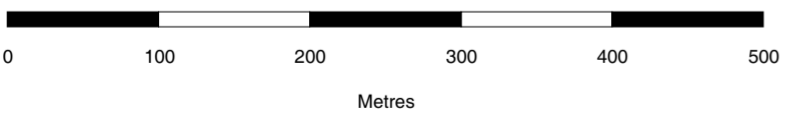
Interpreted Chargeability (ms)

75m Below Surface

Survey by: SJ Geophysics Ltd.
 IP Inversion by: S.J.V. Consultants Ltd.
 Processing Date: Oct, 2004
 Projection: UTM
 Datum: NAD83
 Zone: 11
 Mapping Date: Oct, 2004



GRASS5.0



- Legend**
- Contour Lines
 - Rivers
 - Roads

COUGAR RESOURCES

IXL Grid

Grand Forks, BC - Canada

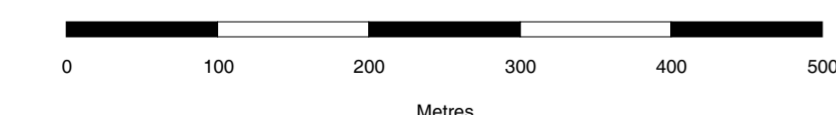
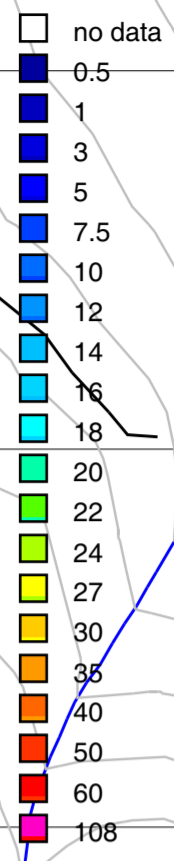
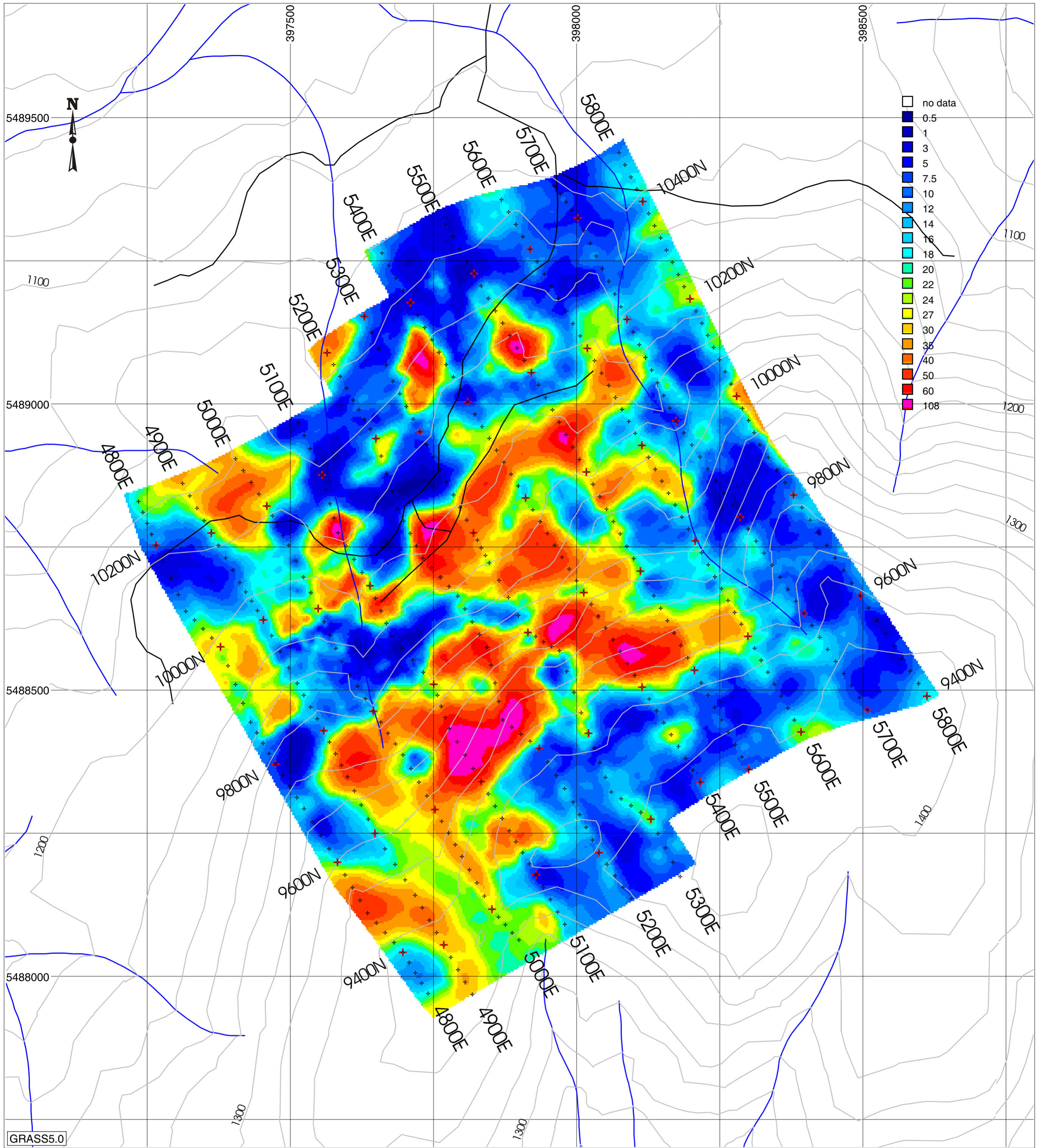
3D IP Survey

3D DC Inversion model

Interpreted Resistivity (Ohm-m)

100m Below Surface

Survey by: SJ Geophysics Ltd.
 DC Inversion by: S.J.V. Consultants Ltd.
 Processing Date: Oct, 2004
 Projection: UTM
 Datum: NAD83
 Zone: 11
 Mapping Date: Oct, 2004

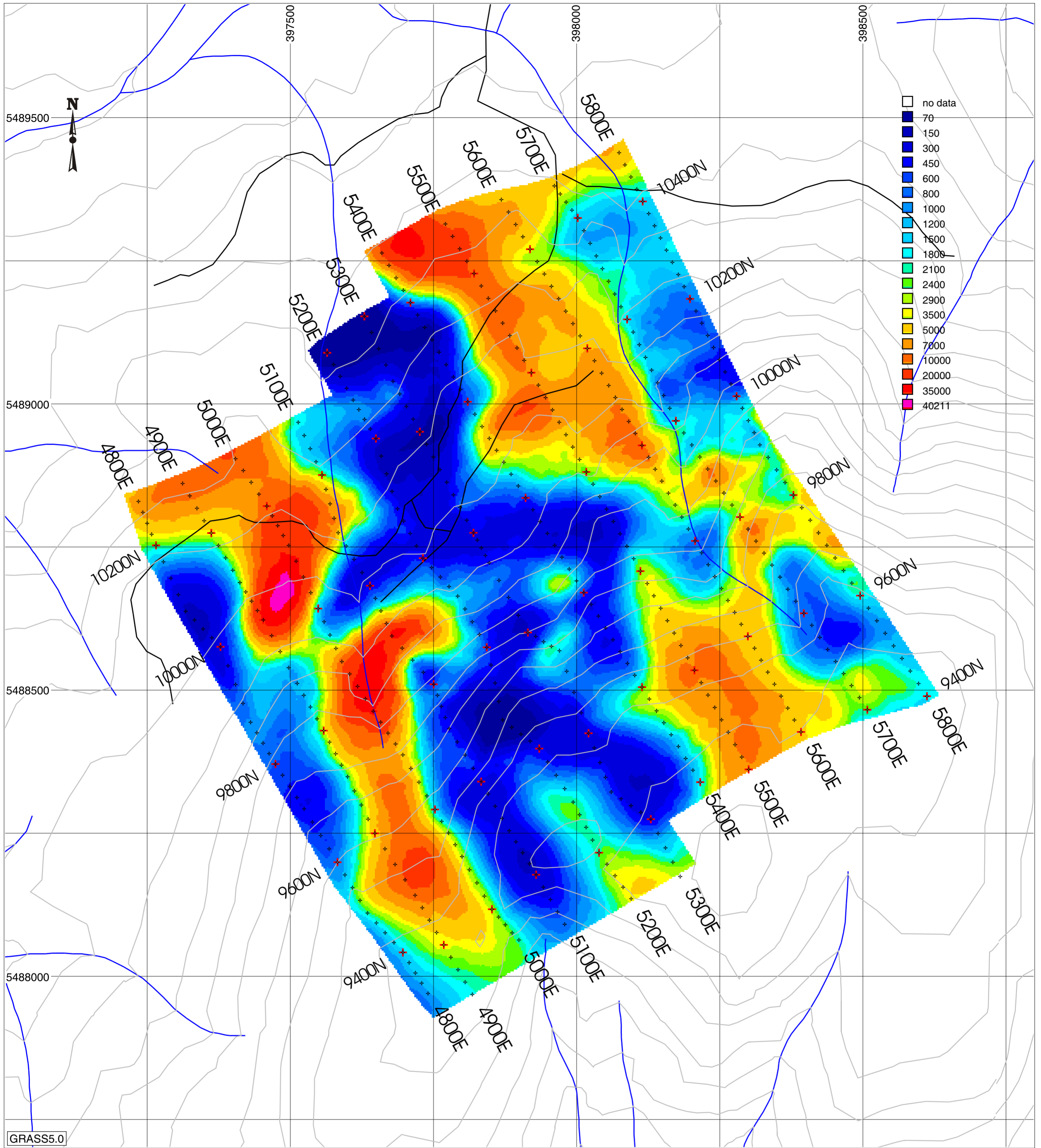


- Legend**
- Contour Lines
 - Rivers
 - Roads

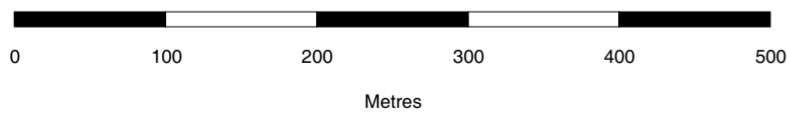
COUGAR RESOURCES
 IXL Grid
 Grand Forks, BC - Canada

3D IP Survey
 3D IP Inversion model
 Interpreted Chargeability (ms)
 100m Below Surface

Survey by: SJ Geophysics Ltd.
 IP Inversion by: S.J.V. Consultants Ltd.
 Processing Date: Oct, 2004
 Projection: UTM
 Datum: NAD83
 Zone: 11
 Mapping Date: Oct, 2004



GRASS5.0



Legend

- Contour Lines
- Rivers
- Roads

COUGAR RESOURCES

IXL Grid

Grand Forks, BC - Canada

3D IP Survey

3D DC Inversion model

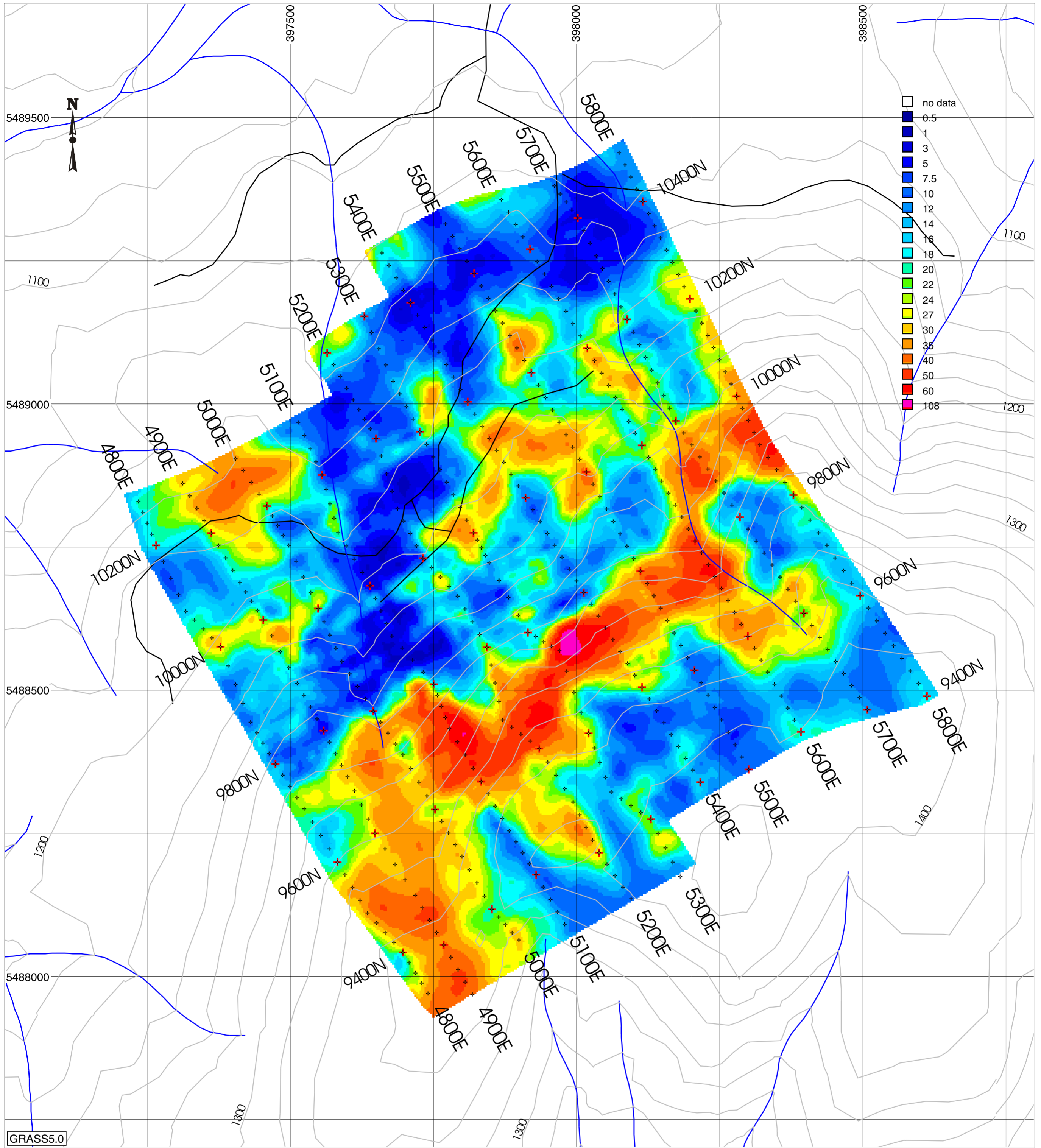
Interpreted Resistivity (Ohm-m)

150m Below Surface

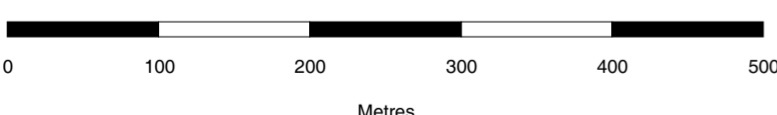
Survey by: SJ Geophysics Ltd.
 DC Inversion by: S.J.V. Consultants Ltd.
 Processing Date: Oct, 2004
 Projection: UTM
 Datum: NAD83
 Zone: 11
 Mapping Date: Oct, 2004



SJ Geophysics Ltd.



GRASS5.0



- Legend**
- Contour Lines
 - Rivers
 - Roads

COUGAR RESOURCES

IXL Grid

Grand Forks, BC - Canada

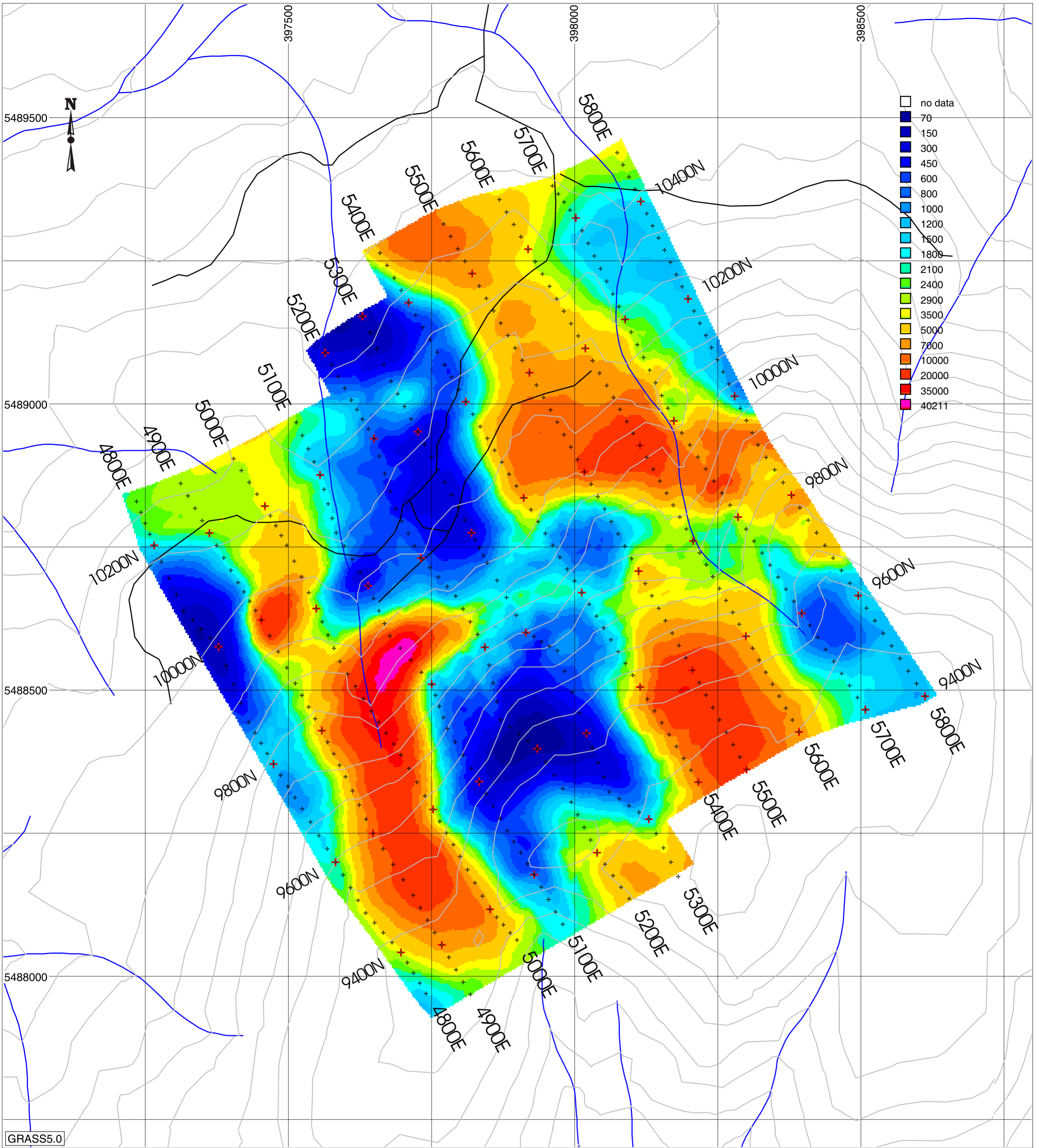
3D IP Survey

3D IP Inversion model

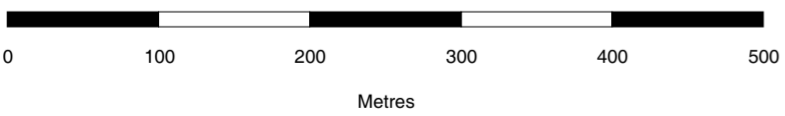
Interpreted Chargeability (ms)

150m Below Surface

Survey by: SJ Geophysics Ltd.
 IP Inversion by: S.J.V. Consultants Ltd.
 Processing Date: Oct, 2004
 Projection: UTM
 Datum: NAD83
 Zone: 11
 Mapping Date: Oct, 2004



GRASS5.0



- Legend**
- Contour Lines
 - Rivers
 - Roads

COUGAR RESOURCES

IXL Grid

Grand Forks, BC - Canada

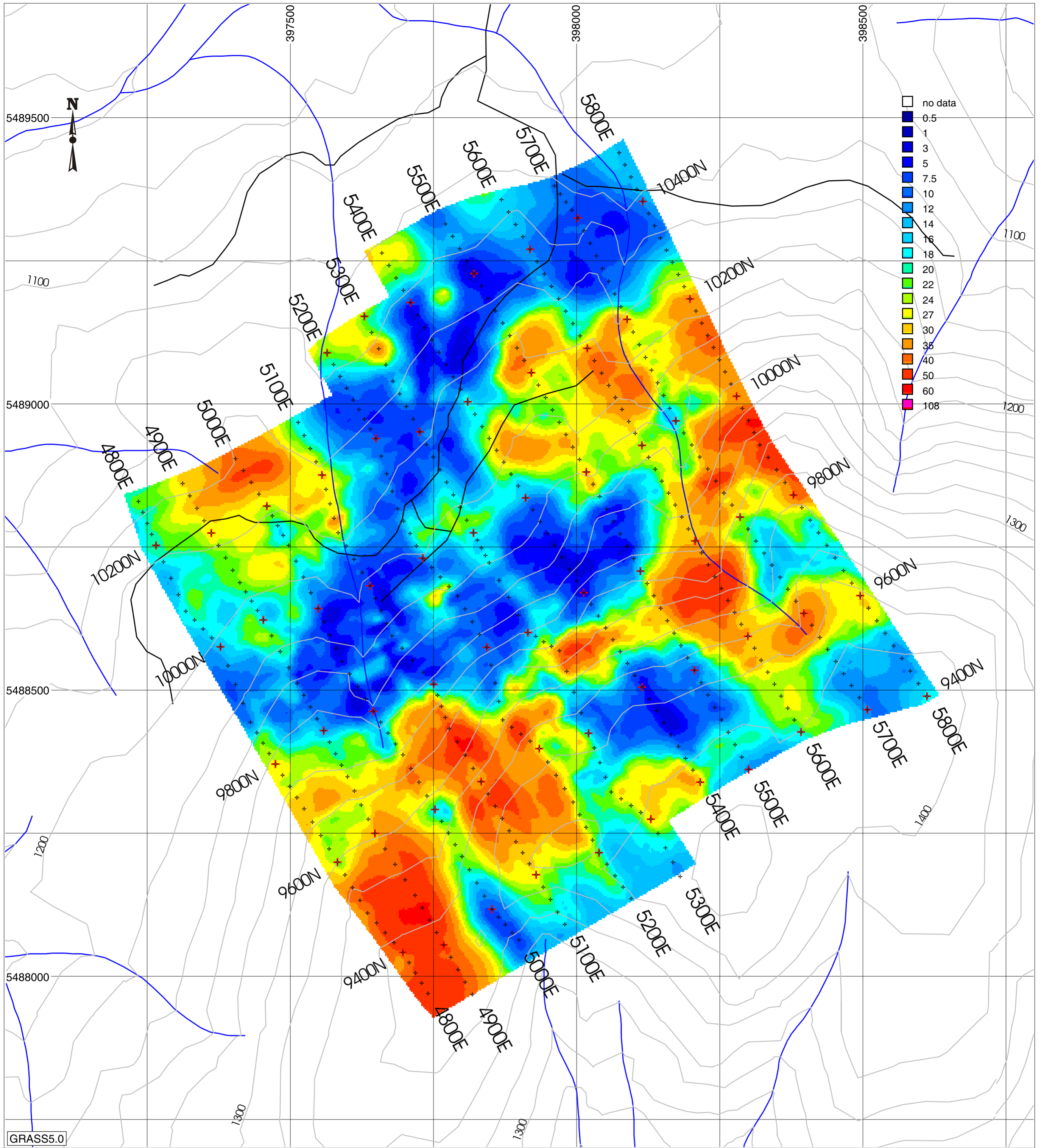
3D IP Survey

3D DC Inversion model

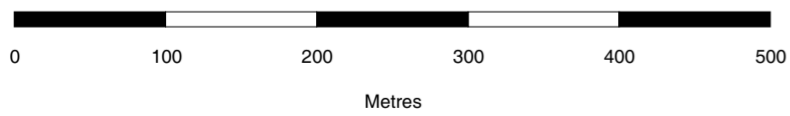
Interpreted Resistivity (Ohm-m)

200m Below Surface

Survey by: SJ Geophysics Ltd.
 DC Inversion by: S.J.V. Consultants Ltd.
 Processing Date: Oct, 2004
 Projection: UTM
 Datum: NAD83
 Zone: 11
 Mapping Date: Oct, 2004



GRASS5.0



Legend

- Contour Lines
- Rivers
- Roads

Survey by: SJ Geophysics Ltd.
 IP Inversion by: S.J.V. Consultants Ltd.
 Processing Date: Oct, 2004
 Projection: UTM
 Datum: NAD83
 Zone: 11
 Mapping Date: Oct, 2004

COUGAR RESOURCES

IXL Grid

Grand Forks, BC - Canada

3D IP Survey

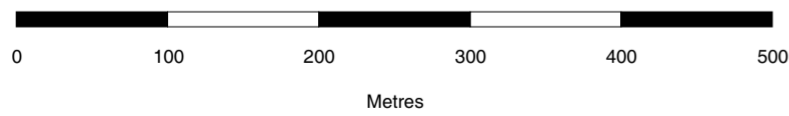
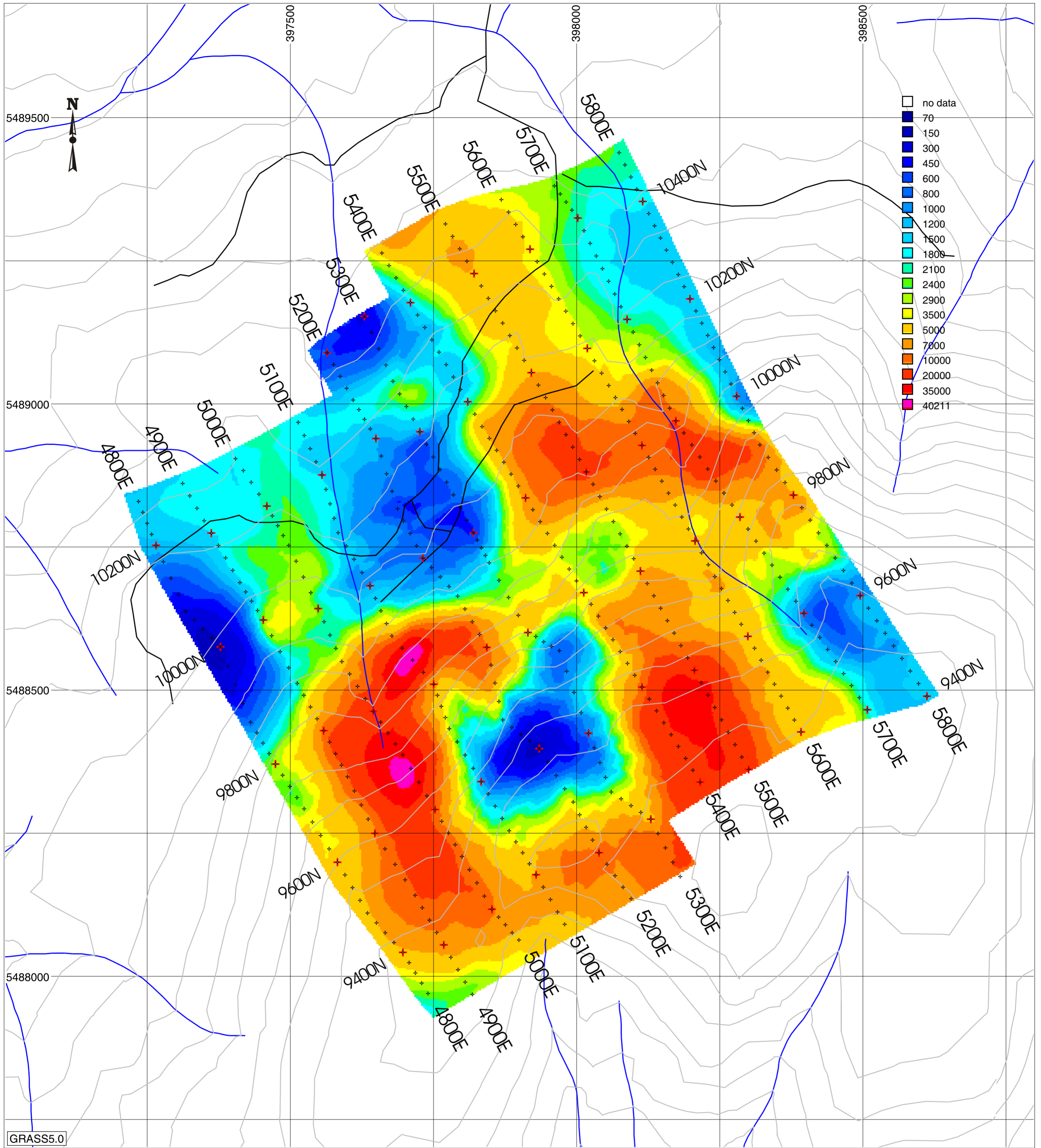
3D IP Inversion model

Interpreted Chargeability (ms)

200m Below Surface



SJ Geophysics Ltd.



- Legend**
- Contour Lines
 - Rivers
 - Roads

COUGAR RESOURCES

IXL Grid

Grand Forks, BC - Canada

3D IP Survey

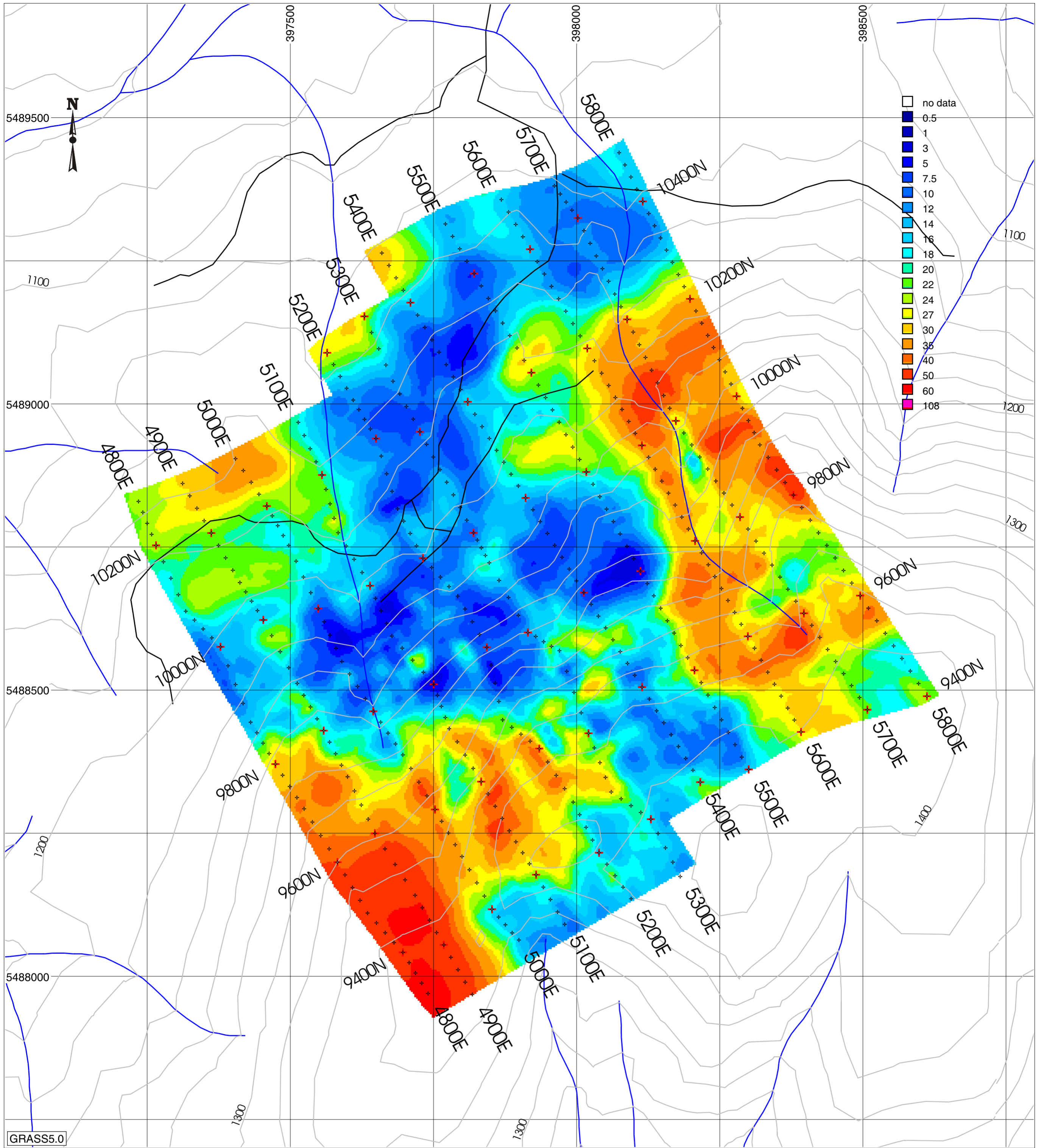
3D DC Inversion model

Interpreted Resistivity (Ohm-m)

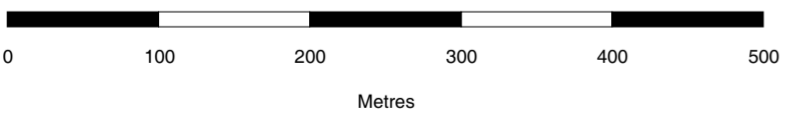
250m Below Surface

Survey by: SJ Geophysics Ltd.
 DC Inversion by: S.J.V. Consultants Ltd.
 Processing Date: Oct, 2004
 Projection: UTM
 Datum: NAD83
 Zone: 11
 Mapping Date: Oct, 2004





GRASS5.0



- Legend**
- Contour Lines
 - Rivers
 - Roads

COUGAR RESOURCES

IXL Grid

Grand Forks, BC - Canada

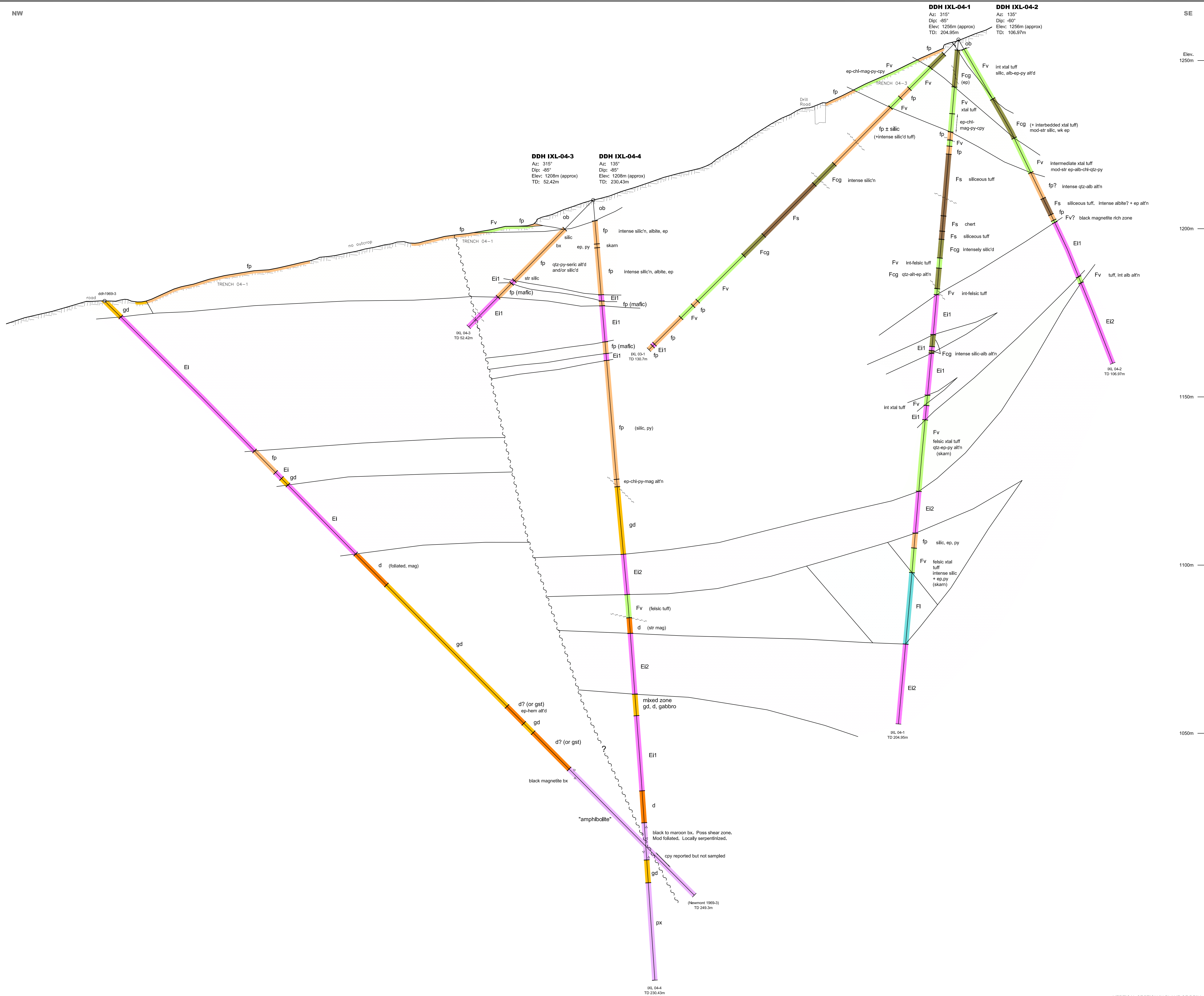
3D IP Survey

3D IP Inversion model

Interpreted Chargeability (ms)

250m Below Surface

Survey by: SJ Geophysics Ltd.
 IP Inversion by: S.J.V. Consultants Ltd.
 Processing Date: Oct, 2004
 Projection: UTM
 Datum: NAD83
 Zone: 11
 Mapping Date: Oct, 2004



LEGEND

∞ Overburden

EOCENE

Ei Coryell syenite and pulseite dykes, silts and stocks.

Ei₁ Pinkish brown, fine grained, non-magnetic Kapor magpyritic syenite. Narrow dykes and called magpyritic of this unit are muddy brown Kapor phytic 'dikes'.

Ei₂ Fine, coarse grained, Kapor magpyritic; siliceous phytic, strongly magnetic syenite.

Ei₃ Gray to pinkish grey, strongly magnetic, hydromorphic granular syenite with Kapor-brown & interstitial Kapor (pink).

Ei₄ Dark pinkish brown fine grained Kapor trachytic syenite.

Ea Kettle River Formation Sediments. Cobble size polymictic conglomerate, arkose and minor black (a granitic) shale.

py Aphanitic rhyolite dykes.

JURASSIC TO CRETACEOUS

g Granite, coarse grained, hydromorphic - granular with 70-80% conspicuous Kapor-qtz intergrowths.

gs Nelson granodiorite to diorite.

fp IXL monzonite to diorite, feldspar & quartz porphyry. Typically leucocratic, very strongly altered (alk. argill.) and very pyritic.

fp (matic) Mafic phase of feldspar porphyry (?) or could be distinct unit. Typically hydromorphic granular texture with 15% of altered mafics interstitial to fp.

px Dark green-black, strongly magnetic, fine to coarse grained, alk-granular with 80% pyroxene.

TRASSIC (?)

Fv Franklin Group intermediate volcanics (greenstone), crystal & basalt tuff, and volcanic breccias.

Find Fine grained microbreccia, probably a subvolcanic intrusion related to the greenstone.

Ft Franklin Group limestone and limestone breccia.

Fs Franklin Group sediments (argillite, siltstone, tuffaceous siltstone, siliceous tuff, chert).

Fcg Franklin Group conglomerate. Fine to medium grained. May be dominantly chert pebble conglomerate ('chertstone') or may be polymictic. Calcareous groundmass.

silic Silicic mineralization

Fault

sk skarn py pyrite mag magnetite
 silicified cpy chalcopyrite sphal sphalerite
 ep epidote gal galena ol olivine
 qz quartz mal malachite az azurite
 serc sericite

COUGAR MINERALS CORP
 NEW CANTECH VENTURES INC.
 IXL PROPERTY

FIGURE 32a
**DRILL SECTION
 IXL 04-1, 04-2, 04-3, 04-4
 GEOLOGY**

SCALE 1:500

VERTICAL SECTION IN PLANE OF DRILL HOLES 04-1, 04-2, 04-3 & 04-4 ARE PROJECTED 50m S ONTO SECTION.

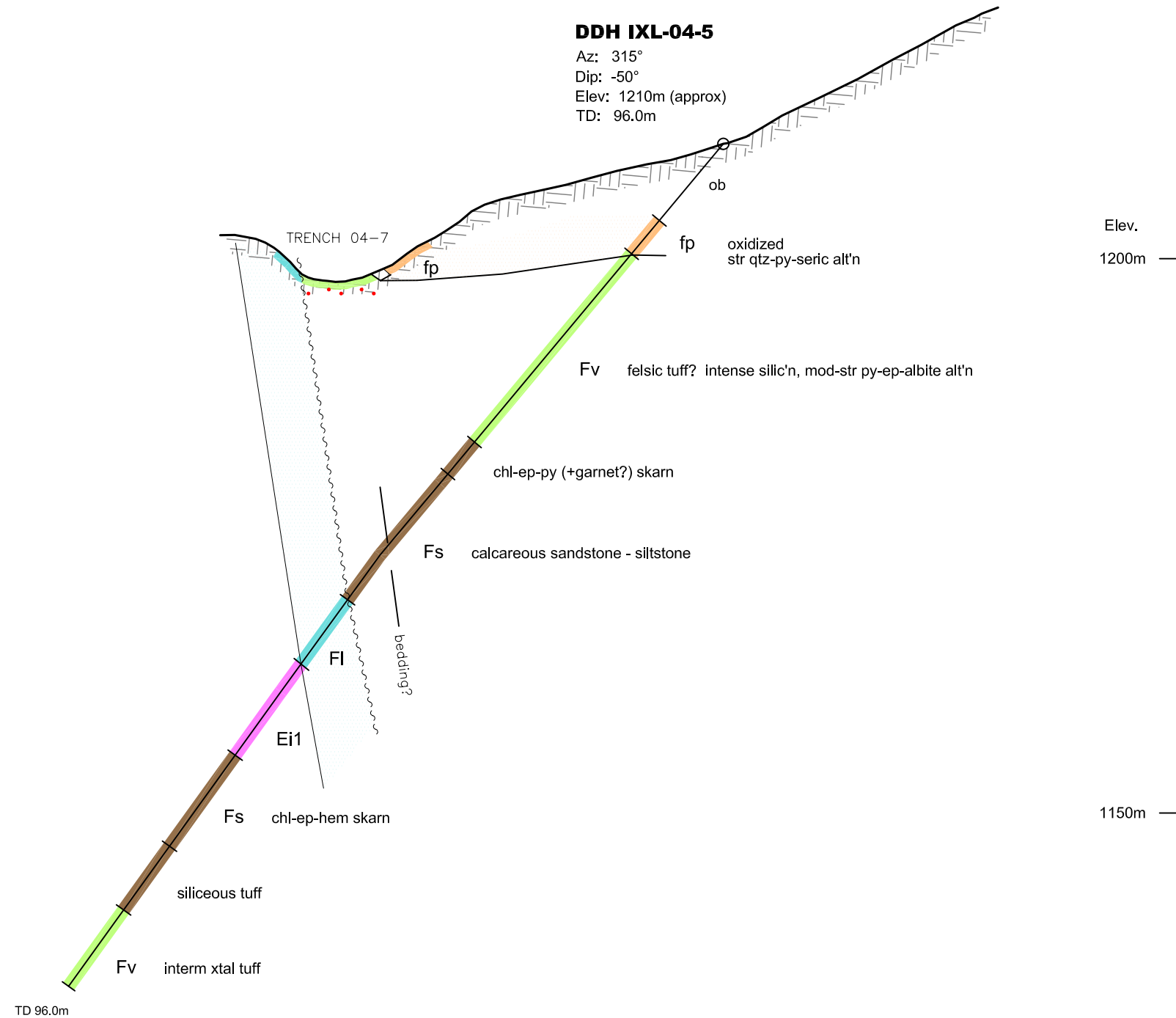
DRAWN BY: GJF
 DATE: NOVEMBER 2014 FILENAME: BCP03504L-04-2-34 GEOLOGY

NW

SE

DDH IXL-04-5

Az: 315°
Dip: -50°
Elev: 1210m (approx)
TD: 96.0m



LEGEND

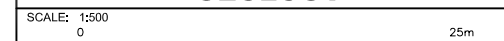
ob	Overburden				
EOCENE					
Ei	Coryell syenite and pulaskite dykes, sills and stocks.				
Ei ₁	Pinkish brown, fine grained, non-magnetic, Kspar megacrystic syenite. Narrow dykes and chilled margins of this unit are muddy brown Kspar phyric "pulaskite".				
Ei ₂	Pink, coarse grained, Kspar megacrystic, biotite phyric, strongly magnetic syenite.				
Ei ₃	Grey to pinkish grey, strongly magnetic, hypidiomorphic granular syenite with Kspar-bio-amph & interstitial Kspar (+plag)				
Ei ₄	Dark pinkish brown fine grained Kspar trachytic syenite.				
Es	Kettle River Formation Sediments. Cobble size polymictic conglomerate, arkose and minor black (± graphitic) shale.				
rhy	Aphanitic rhyolite dykes.				
JURASSIC TO CRETACEOUS					
g	Granite, coarse grained, hypidiomorphic - granular with 70-80% conspicuous Kspar - qtz intergrowths.				
gd	Nelson granodiorite to diorite.				
fp	IXL monzonite to diorite, feldspar ± quartz porphyry. Typically leucocratic, very strongly altered (silic, argillic) and very pyritic.				
fp (mafic)	Mafic phase of feldspar porphyry (?) or could be distinct unit. Typically hypidiomorphic granular texture with 15% chl altered mafics interstitial to fsp.				
px	Dark green-black, strongly magnetic, fine to coarse grained, euglgranular with 80%+ pyroxene.				
TRIASSIC (?)					
Fv	Franklin Group intermediate volcanics (greenstone), crystal ± lapilli tuff, and volcanic breccias.				
Fmd	Fine grained microdiorite, probably a subvolcanic intrusive related to the greenstone.				
Fl	Franklin Group limestone and limestone breccia.				
Fs	Franklin Group sediments (argillite, siltstone, tuffaceous siltstone, siliceous tuff, chert).				
Fcg	Franklin Group conglomerate. Fine to medium grained. May be dominantly chert pebble conglomerate ("sharpstone") or may be polymictic. Calcareous groundmass.				
(Red dots)	Sulfide mineralization				
(Wavy line)	Fault				
sk	skarn	py	pyrite	mag	magnetite
silic	silicified	cpy	chalcopryrite	sphal	sphalerite
ep	epidote	gal	galena	chl	chlorite
qtz	quartz	mal	malachite	az	azurite
seric	sericite				

COUGAR MINERALS CORP.
&
NEW CANTECH VENTURES INC.

IXL PROPERTY

FIGURE 33a

**DRILL SECTION
IXL 04-5
GEOLOGY**



DRAWN BY: LJC / rjw
DATE: NOVEMBER 2004

FILENAME: IXL-FIG33A-IXL-04-5-GEOL.DWG

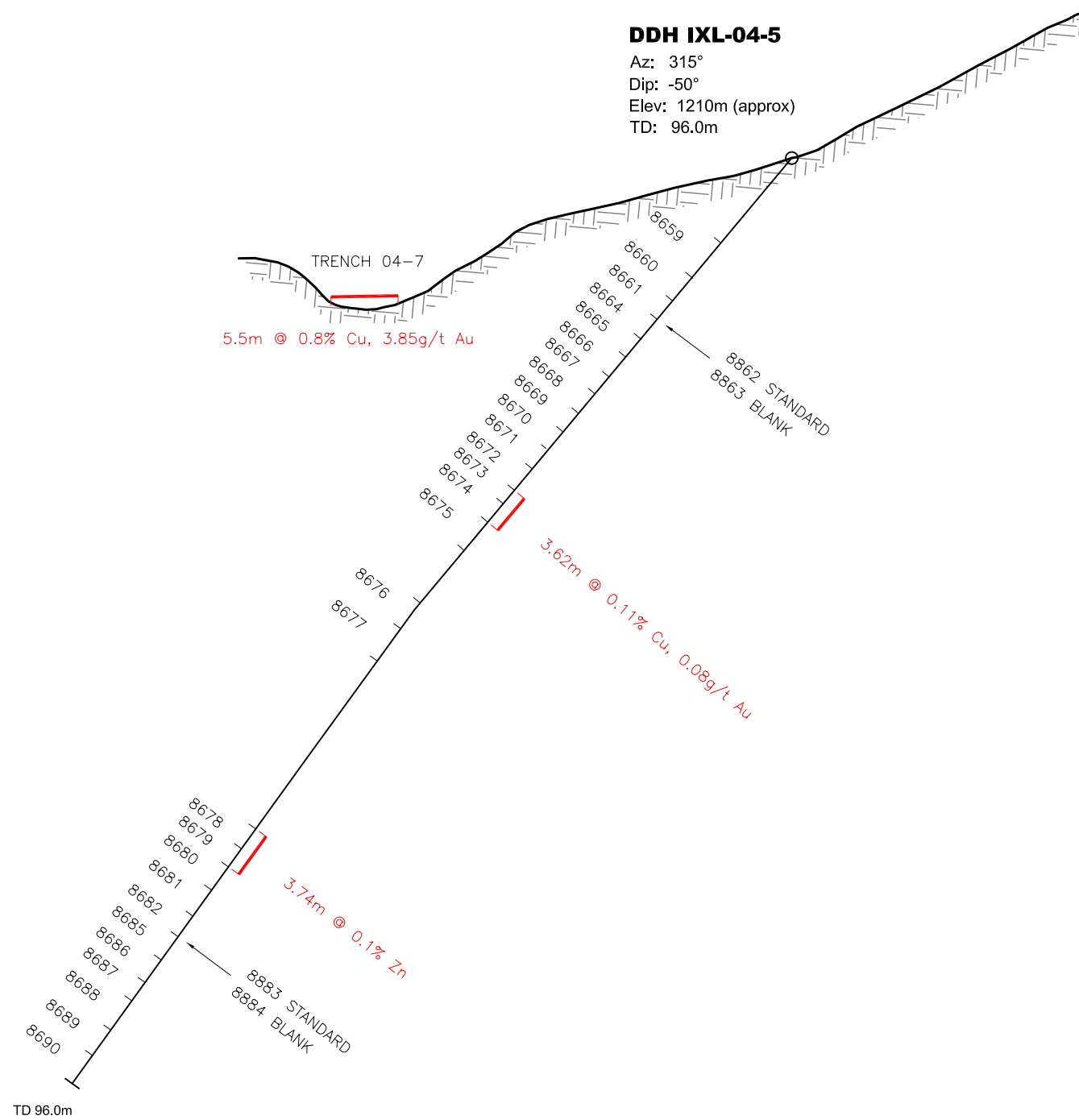
VERTICAL SECTION IN PLANE OF DRILL HOLE

NW

SE

DDH IXL-04-5

Az: 315°
 Dip: -50°
 Elev: 1210m (approx)
 TD: 96.0m



SAMPLE RESULTS ddh IXL 04-5									
Sample Number	From m	To m	Length m	Au ppb	Ag g/t	Cu ppm	Pb ppm	Zn ppm	
8659	9.14	12.85	3.71	50	0.3	307	12	15	
8660	12.85	15.00	2.15	45	0.2	382	12	17	
8661	15.00	17.00	2.00	50	<0.2	384	10	14	
8662	STANDARD CGS-5			150	0.2	1493	22	50	
8663	BLANK			5	<0.2	5	30	79	
8664	17.00	19.00	2.00	50	<0.2	391	12	15	
8665	19.00	21.00	2.00	70	0.2	451	12	15	
8666	21.00	23.00	2.00	55	<0.2	461	14	14	
8667	23.00	25.00	2.00	105	0.2	852	14	21	
8668	25.00	27.00	2.00	90	<0.2	751	14	16	
8669	27.00	29.00	2.00	80	<0.2	596	16	18	
8670	29.00	31.00	2.00	85	<0.2	548	18	20	
8671	31.00	33.00	2.00	95	<0.2	539	10	19	
8672	33.00	35.08	2.08	115	0.4	715	<2	<1	
8673	35.08	36.70	1.62	115	0.8	1159	22	75	
8674	36.70	38.70	2.00	45	0.4	1027	12	221	
8675	38.70	41.70	3.00	30	1.5	224	90	712	
8676	47.20	50.00	2.80	20	0.7	110	70	189	
8677	50.00	53.34	3.34	20	1.0	101	100	117	
8678	70.36	72.40	2.04	15	0.7	78	204	1057	
8679	72.40	74.10	1.70	10	0.4	130	640	1003	
8680	74.10	76.50	2.40	30	0.5	57	448	393	
8681	76.50	79.00	2.50	5	0.3	67	326	287	
8682	79.00	81.00	2.00	15	<0.2	7	86	101	
8683	STANDARD CGS-2			995	2.3	>10000	10	103	
8684	BLANK			5	<0.2	5	38	92	
8685	81.00	83.50	2.50	20	<0.2	77	18	25	
8686	83.50	85.92	2.42	15	<0.2	35	22	21	
8687	85.92	87.70	1.78	10	<0.2	15	44	77	
8688	87.70	90.55	2.85	25	0.5	67	56	114	
8689	90.55	93.00	2.45	15	0.3	40	32	39	
8690	93.00	96.00	3.00	10	0.2	28	36	48	

Elev. 1200m

1150m

TD 96.0m

VERTICAL SECTION IN PLANE OF DRILL HOLE

COUGAR MINERALS CORP.
 &
 NEW CANTECH VENTURES INC.

IXL PROPERTY

FIGURE 33b

**DRILL SECTION
 IXL 04-5
 SAMPLE LOCATIONS & RESULTS**

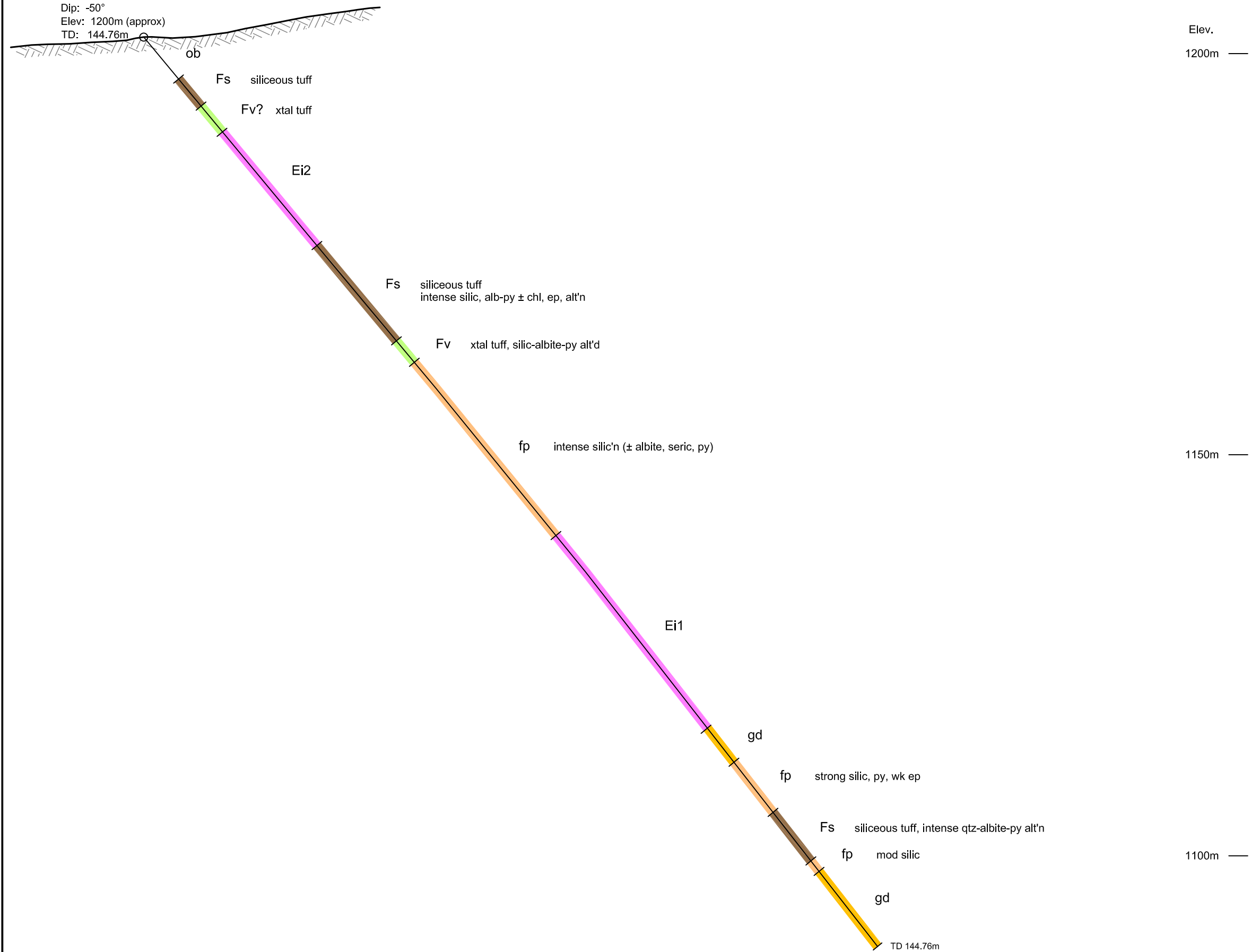
SCALE: 1:500
 0 25m

DRAWN BY: LJC / rjw
 DATE: NOVEMBER 2004
 FILENAME: IXL-FIG33B-IXL-04-5.DWG

NW DDH IXL-04-6

Az: 135°
 Dip: -50°
 Elev: 1200m (approx)
 TD: 144.76m

SE



Elev. 1200m —
 1150m —
 1100m —
 TD 144.76m

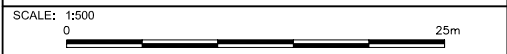
LEGEND

- ob Overburden
- EOCENE**
- Ei** Coryell syenite and pulaskite dykes, sills and stocks.
 - Ei₁ Pinkish brown, fine grained, non-magnetic, Kspar megacrystic syenite. Narrow dykes and chilled margins of this unit are muddy brown Kspar phyrlic "pulaskite".
 - Ei₂ Pink, coarse grained, Kspar megacrystic, biotite phyrlic, strongly magnetic syenite.
 - Ei₃ Grey to pinkish grey, strongly magnetic, hypidiomorphic granular syenite with Kspar-blo-amph & interstitial Kspar (+plag)
 - Ei₄ Dark pinkish brown fine grained Kspar trachytic syenite.
- Es** Kettle River Formation Sediments. Cobble size polymictic conglomerate, arkose and minor black (± graphitic) shale.
- rhy** Aphanitic rhyolite dykes.
- JURASSIC TO CRETACEOUS**
- g** Granite, coarse grained, hypidiomorphic - granular with 70-80% conspicuous Kspar - qtz intergrowths.
- gd** Nelson granodiorite to diorite.
- fp** IXL monzonite to diorite, feldspar ± quartz porphyry. Typically leucocratic, very strongly altered (silic, argillic) and very pyritic.
 - fp (mafic) Mafic phase of feldspar porphyry (?) or could be distinct unit. Typically hypidiomorphic granular texture with 15% chl altered mafics interstitial to fsp.
- px** Dark green-black, strongly magnetic, fine to coarse grained, equigranular with 80%+ pyroxene.
- TRIASSIC (?)**
- Fv** Franklin Group intermediate volcanics (greenstone), crystal ± lapilli tuff, and volcanic breccias.
 - Fmd Fine grained microdiorite, probably a subvolcanic intrusive related to the greenstone.
- Fl** Franklin Group limestone and limestone breccia.
- Fs** Franklin Group sediments (argillite, siltstone, tuffaceous siltstone, siliceous tuff, chert).
- Fcg** Franklin Group conglomerate. Fine to medium grained. May be dominantly chert pebble conglomerate ("sharpstone") or may be polymictic. Calcareous groundmass.
- Sulfide mineralization**
- Fault**

sk	skarn	py	pyrite	mag	magnetite
silic	silicified	cpy	chalcopyrite	sphal	sphalerite
ep	epldote	gal	galena	chl	chlorite
qtz	quartz	mal	malachite	az	azurite
seric	sericite				

COUGAR MINERALS CORP.
 &
 NEW CANTECH VENTURES INC.

IXL PROPERTY
 FIGURE 34b
DRILL SECTION
IXL 04-6
GEOLOGY



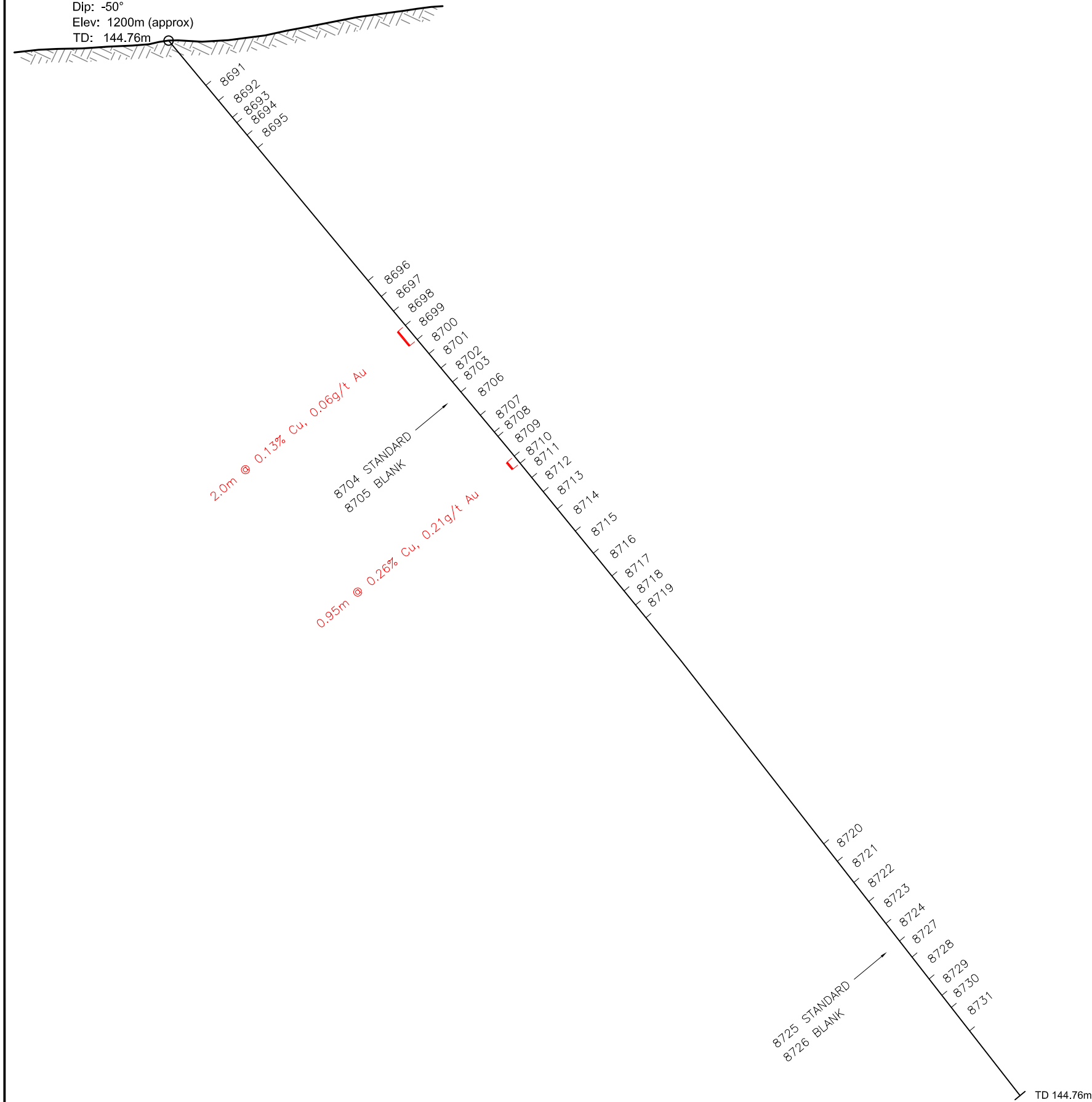
DRAWN BY: LJC / rjw
 DATE: NOVEMBER 2004
 FILENAME: IXL-FIG34B-IXL-04-6-GEOL.DWG

VERTICAL SECTION IN PLANE OF DRILL HOLE

NW DDH IXL-04-6

Az: 135°
 Dip: -50°
 Elev: 1200m (approx)
 TD: 144.76m

SE



Elev. 1200m —

1150m —

1100m —

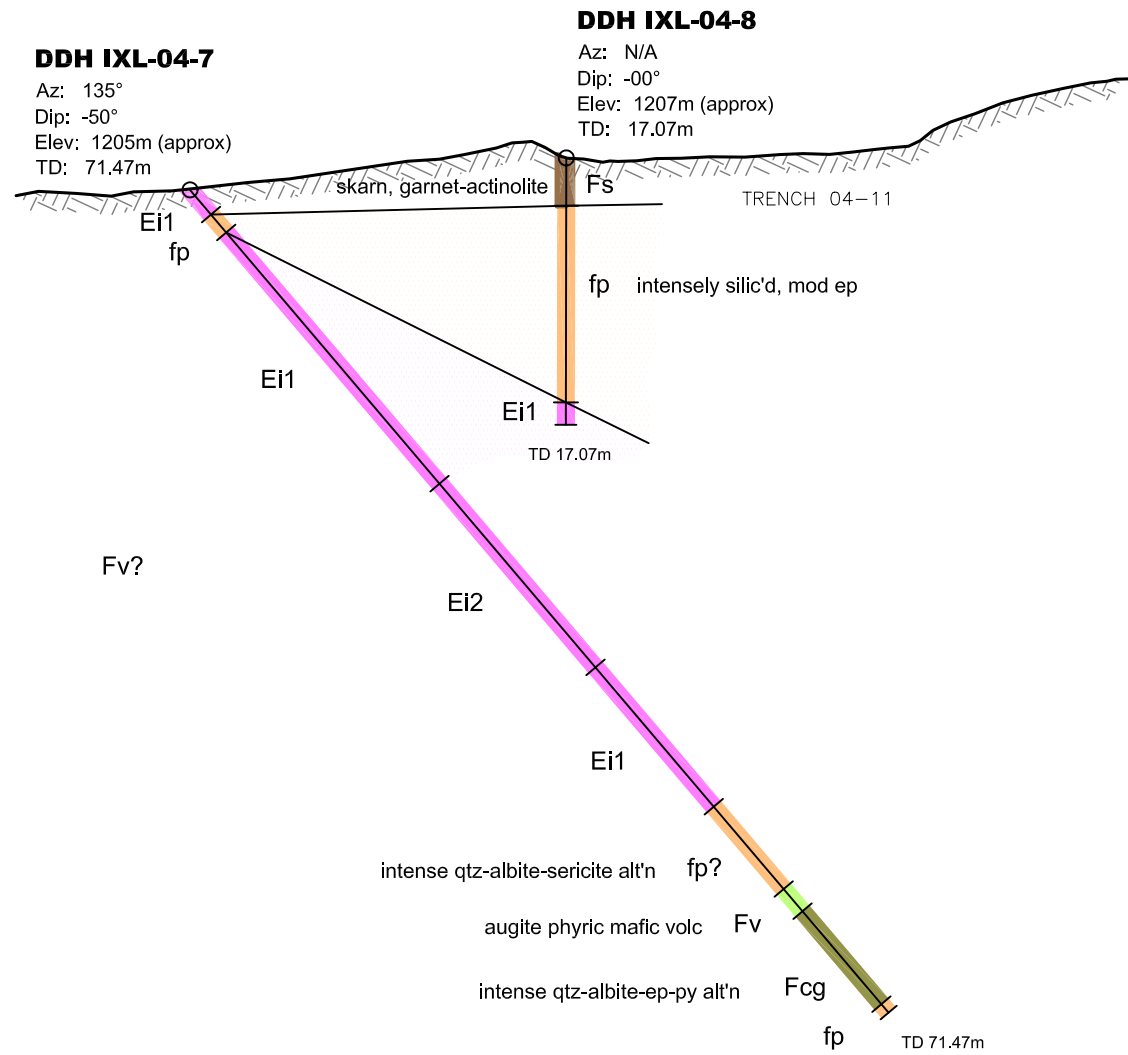
SAMPLE RESULTS ddh IXL 04-6								
Sample Number	From m	To m	Length m	Au ppb	Ag g/t	Cu ppm	Pb ppm	Zn ppm
8691	6.10	8.10	2.00	65	1.0	756	10	24
8692	8.10	10.50	2.40	50	1.0	777	8	19
8693	10.50	11.18	0.68	30	1.2	1256	6	25
8694	11.18	13.00	1.82	30	0.8	734	8	31
8695	13.00	14.92	1.92	25	0.6	352	8	33
8696	33.23	35.50	2.27	20	0.9	608	8	23
8697	35.50	37.50	2.00	60	0.8	497	6	22
8698	37.50	39.50	2.00	25	0.6	480	8	19
8699	39.50	41.50	2.00	55	1.0	1319	6	20
8700	41.50	43.50	2.00	35	0.5	341	6	16
8701	43.50	45.50	2.00	50	0.6	543	12	22
8702	45.50	47.50	2.00	40	0.5	474	10	25
8703	47.50	48.77	1.27	75	0.6	491	14	20
8704	STANDARD CGS-5			140	0.4	1400	12	52
8705	BLANK			5	0.2	5	26	79
8706	48.77	52.05	3.28	40	0.7	429	12	22
8707	52.05	54.48	2.43	35	0.6	363	12	17
8708	54.48	55.00	0.52	25	0.4	244	4	6
8709	55.00	57.85	2.85	30	0.4	227	16	15
8710	57.85	58.80	0.95	205	0.3	2575	12	15
8711	58.80	60.80	2.00	30	0.4	334	12	16
8712	60.80	62.80	2.00	25	0.4	267	14	15
8713	62.80	65.00	2.20	15	0.4	189	14	16
8714	65.00	68.00	3.00	15	0.3	108	12	16
8715	68.00	71.00	3.00	20	0.3	79	14	17
8716	71.00	74.02	3.02	30	0.4	169	14	24
8717	74.02	76.02	2.00	20	0.5	220	16	38
8718	76.02	78.02	2.00	20	0.8	15	1016	30
8719	78.02	79.90	1.88	20	1.2	665	28	40
8720	110.65	113.00	2.35	30	0.7	267	22	53
8721	113.00	115.68	2.68	10	0.6	73	18	24
8722	115.68	118.50	2.82	15	0.3	80	14	15
8723	118.50	121.50	3.00	15	0.2	40	10	12
8724	121.50	123.64	2.14	10	0.3	118	10	14
8725	STANDARD CGS-2			955	2.9	>10000	4	88
8726	BLANK			5	0.2	4	28	83
8727	123.64	126.00	2.36	40	0.7	331	52	76
8728	126.00	129.00	3.00	25	0.5	242	42	75
8729	129.00	131.20	2.20	45	0.7	361	50	67
8730	131.20	132.89	1.69	20	0.2	67	22	21
8731	132.89	136.00	3.11	10	0.2	17	26	122

VERTICAL SECTION IN PLANE OF DRILL HOLE

COUGAR MINERALS CORP. & NEW CANTECH VENTURES INC.	
IXL PROPERTY	
FIGURE 34b	
DRILL SECTION IXL 04-6 SAMPLE LOCATIONS & RESULTS	
SCALE: 1:500	0 25m
DRAWN BY: LJC / rjw	FILENAME: IXL-FIG34B-IXL-04-6-SAMPLE.DWG
DATE: NOVEMBER 2004	

NW

SE



Elev.
1200m —

1150m —

LEGEND

- ob Overburden
- EOCENE**
- Ei Coryell syenite and pulaskite dykes, sills and stocks.
 - Ei₁ Pinkish brown, fine grained, non-magnetic, Kspar megacrystic syenite. Narrow dykes and chilled margins of this unit are muddy brown Kspar phyrlic "pulaskite".
 - Ei₂ Pink, coarse grained, Kspar megacrystic, biotite phyrlic, strongly magnetic syenite.
 - Ei₃ Grey to pinkish grey, strongly magnetic, hypidiomorphic granular syenite with Kspar-blo-amph & interstitial Kspar (+plag)
 - Ei₄ Dark pinkish brown fine grained Kspar trachytic syenite.
- Es Kettle River Formation Sediments. Cobble size polymictic conglomerate, arkose and minor black (± graphitic) shale.
- rhy Aphanitic rhyolite dykes.
- JURASSIC TO CRETACEOUS**
- g Granite, coarse grained, hypidiomorphic - granular with 70-80% conspicuous Kspar - qtz intergrowths.
- gd Nelson granodiorite to diorite.
- fp IXL monzonite to diorite, feldspar ± quartz porphyry. Typically leucocratic, very strongly altered (silic, argillic) and very pyritic.
 - fp (mafic) Mafic phase of feldspar porphyry (?) or could be distinct unit. Typically hypidiomorphic granular texture with 15% chl altered mafics interstitial to fsp.
- px Dark green-black, strongly magnetic, fine to coarse grained, equigranular with 80%+ pyroxene.
- TRIASSIC (?)**
- Fv Franklin Group intermediate volcanics (greenstone), crystal ± lapilli tuff, and volcanic breccias.
 - Fmd Fine grained microdiorite, probably a subvolcanic intrusive related to the greenstone.
- Fl Franklin Group limestone and limestone breccia.
- Fs Franklin Group sediments (argillite, siltstone, tuffaceous siltstone, siliceous tuff, chert).
- Fcg Franklin Group conglomerate. Fine to medium grained. May be dominantly chert pebble conglomerate ("sharpstone") or may be polymictic. Calcareous groundmass.
- Sulfide mineralization
- Fault
- sk skarn py pyrite mag magnetite
- silic silicified cpy chalcopyrite sphal sphalerite
- ep epidote gal galena chl chlorite
- qtz quartz mal malachite az azurite
- seric sericite

COUGAR MINERALS CORP.
&
NEW CANTECH VENTURES INC.

IXL PROPERTY

FIGURE 35a

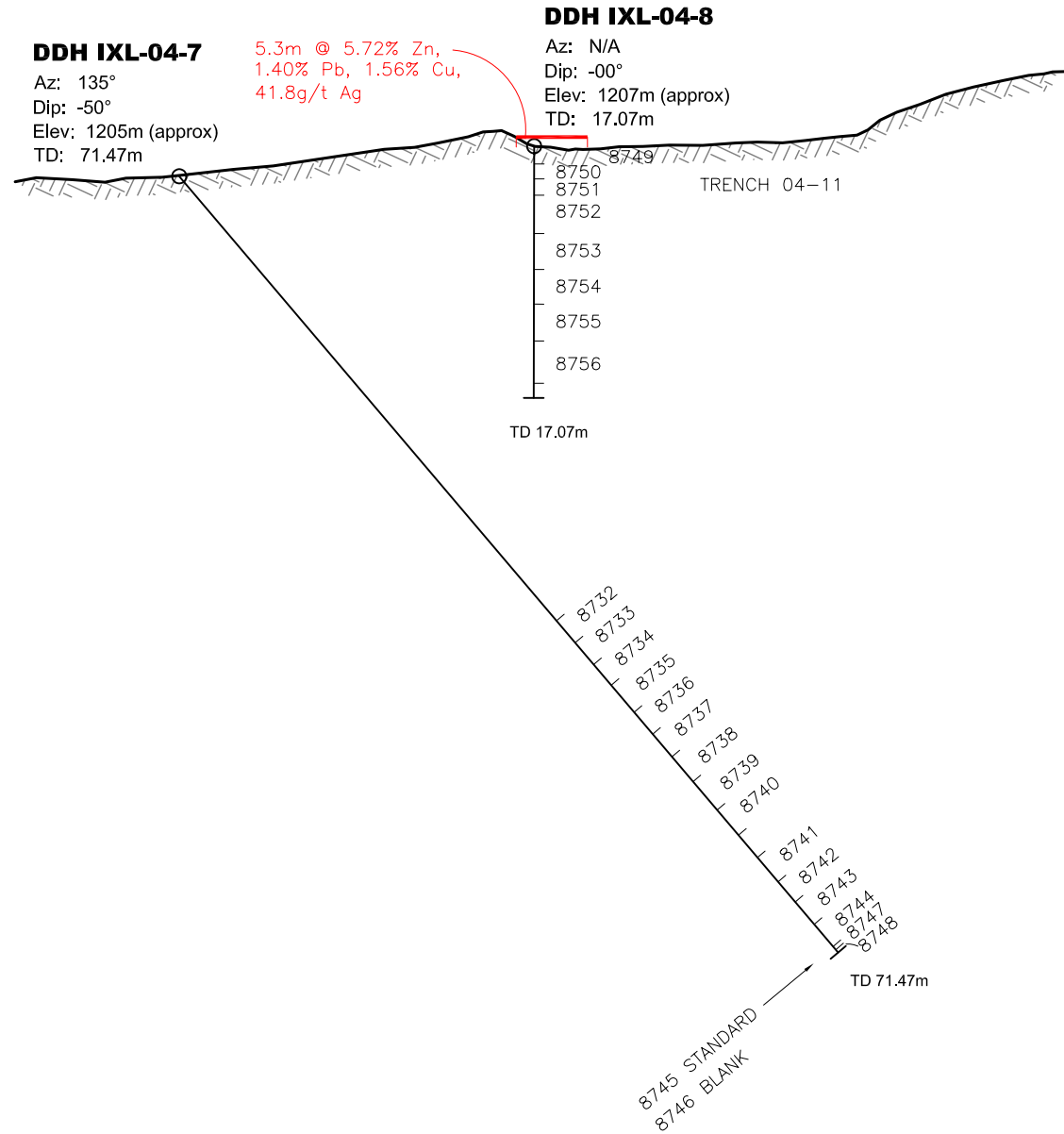
**DRILL SECTION
IXL 04-7 and IXL 04-8
GEOLOGY**



DRAWN BY: LJC / rjw
DATE: NOVEMBER 2004
FILENAME: IXL-FIG35A-IXL-04-7-8-GEOL.DWG

NW

SE



Elev.
1200m —

1150m —

SAMPLE RESULTS ddh IXL 04-7 & 04-8								
Sample Number	From m	To m	Length m	Au ppb	Ag g/t	Cu ppm	Pb ppm	Zn ppm
ddh IXL 04-7								
8732	40.84	42.84	2.00	15	<0.2	15	14	43
8733	42.84	44.84	2.00	25	<0.2	5	30	72
8734	44.84	46.84	2.00	20	<0.2	4	24	68
8735	46.84	49.00	2.16	15	<0.2	5	24	65
8736	49.00	51.00	2.00	15	<0.2	6	24	64
8737	51.00	53.15	2.15	20	<0.2	23	20	56
8738	53.15	55.50	2.35	20	0.3	177	10	19
8739	55.50	58.00	2.50	20	0.3	175	8	15
8740	58.00	60.28	2.28	25	0.2	114	6	16
8741	62.25	64.50	2.25	30	0.3	42	8	14
8742	64.50	66.50	2.00	30	0.3	87	8	14
8743	66.50	68.50	2.00	25	<0.2	39	8	13
8744	68.50	70.68	2.18	25	0.2	125	10	13
8745	STANDARD CGS-5			145	0.2	1460	14	53
8746	BLANK			10	<0.2	3	24	81
8747	70.68	71.12	0.44	30	0.3	229	8	13
8748	71.12	71.47	0.35	30	0.2	189	8	12
ddh IXL 04-8								
8749	0.00	1.00	1.00	265	9.6	1095	36	167
8750	1.00	2.00	1.00	260	0.7	115	22	135
8751	2.00	3.15	1.15	85	2.8	1509	6	183
8752	3.15	6.00	2.85	110	3.1	292	2252	399
8753	6.00	8.50	2.50	115	0.7	209	28	58
8754	8.50	11.00	2.50	80	0.6	34	30	33
8755	11.00	13.50	2.50	50	0.2	28	16	23
8756	13.50	16.63	3.13	45	0.2	8	14	23

COUGAR MINERALS CORP.
&
NEW CANTECH VENTURES INC.

IXL PROPERTY

FIGURE 35b

**DRILL SECTION
IXL 04-7 and IXL 04-8
SAMPLE LOCATIONS & RESULTS**

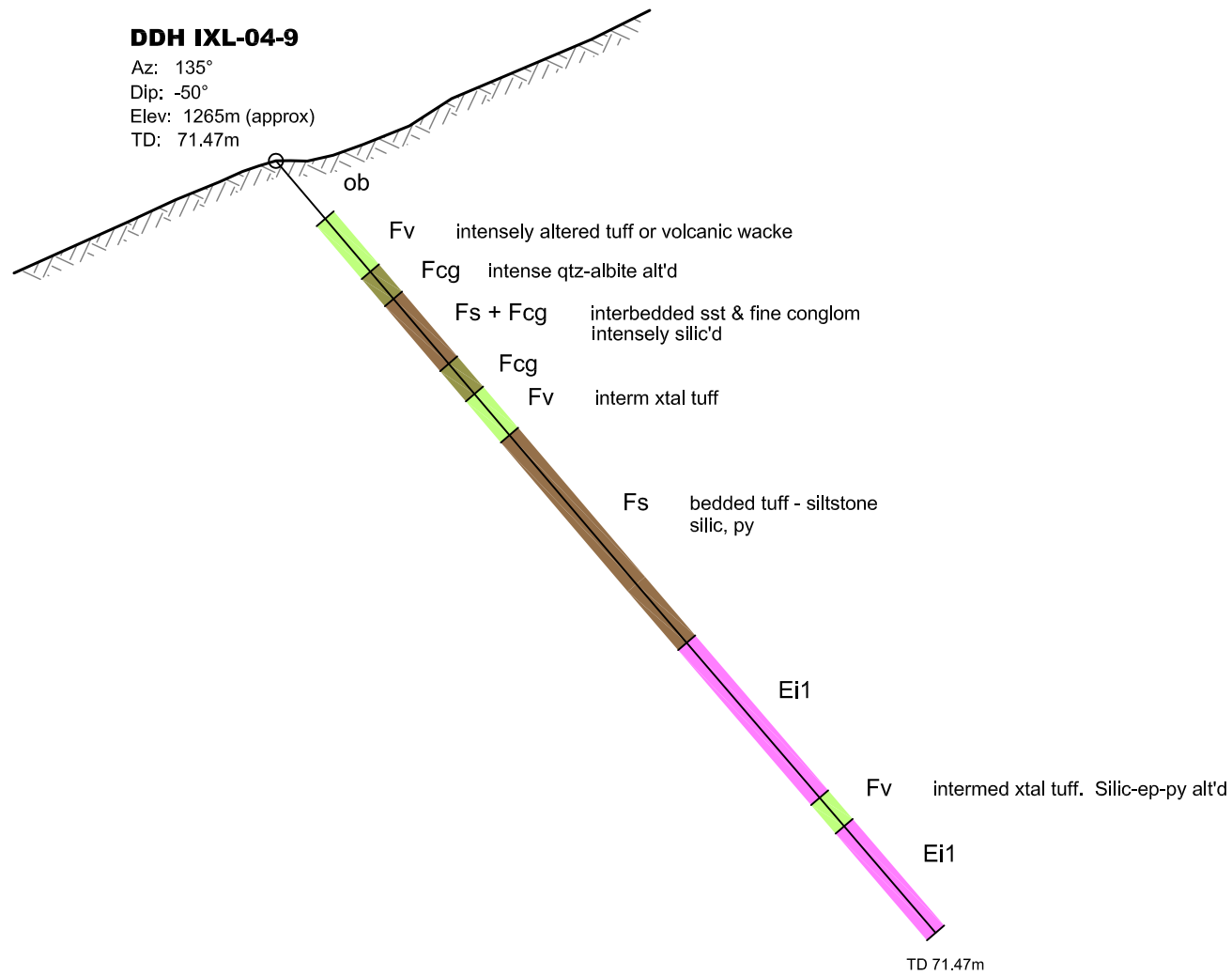
SCALE: 1:500
0 25m

DRAWN BY: LJC / rjw
DATE: NOVEMBER 2004
FILENAME: IXL-FG35B-IXL-04-7-8-SAMPLE.DWG

VERTICAL SECTION IN PLANE OF HOLE 04-7

NW

SE



LEGEND

- ob Overburden
- EOCENE**
- Ei Coryell syenite and pulaskite dykes, sills and stocks.
 - Ei₁ Pinkish brown, fine grained, non-magnetic, Kspar megacrystic syenite. Narrow dykes and chilled margins of this unit are muddy brown Kspar phyrlic "pulaskite".
 - Ei₂ Pink, coarse grained, Kspar megacrystic, biotite phyrlic, strongly magnetic syenite.
 - Ei₃ Grey to pinkish grey, strongly magnetic, hypidiomorphic granular syenite with Kspar-blo-amph & interstitial Kspar (+plag)
 - Ei₄ Dark pinkish brown fine grained Kspar trachytic syenite.
- Es Kettle River Formation Sediments. Cobble size polymictic conglomerate, arkose and minor black (± graphitic) shale.
- rhy Aphanitic rhyolite dykes.
- JURASSIC TO CRETACEOUS**
- g Granite, coarse grained, hypidiomorphic - granular with 70-80% conspicuous Kspar - Qtz intergrowths.
- gd Nelson granodiorite to diorite.
- fp IXL monzonite to diorite, feldspar ± quartz porphyry. Typically leucocratic, very strongly altered (silic, argillic) and very pyritic.
 - fp (mafic) Mafic phase of feldspar porphyry (?) or could be distinct unit. Typically hypidiomorphic granular texture with 15% chl altered mafics interstitial to fsp.
- px Dark green-black, strongly magnetic, fine to coarse grained, equigranular with 80%+ pyroxene.
- TRIASSIC (?)**
- Fv Franklin Group intermediate volcanics (greenstone), crystal ± lapilli tuff, and volcanic breccias.
 - Fmd Fine grained microdiorite, probably a subvolcanic intrusive related to the greenstone.
- Fl Franklin Group limestone and limestone breccia.
- Fs Franklin Group sediments (argillite, siltstone, tuffaceous siltstone, siliceous tuff, chert).
- Fcg Franklin Group conglomerate. Fine to medium grained. May be dominantly chert pebble conglomerate ("sharpstone") or may be polymictic. Calcareous groundmass.
- Sulfide mineralization
- Fault
- sk skarn py pyrite mag magnetite
- silic silicified cpy chalcopyrite sphal sphalerite
- ep epldote gal galena chl chlorite
- qtz quartz mal malachite az azurite
- seric sericite

Elev. 1250m —

1200m —

VERTICAL SECTION IN PLANE OF DRILL HOLE

COUGAR MINERALS CORP.
&
NEW CANTECH VENTURES INC.

IXL PROPERTY

FIGURE 36a

**DRILL SECTION
IXL 04-9
GEOLOGY**

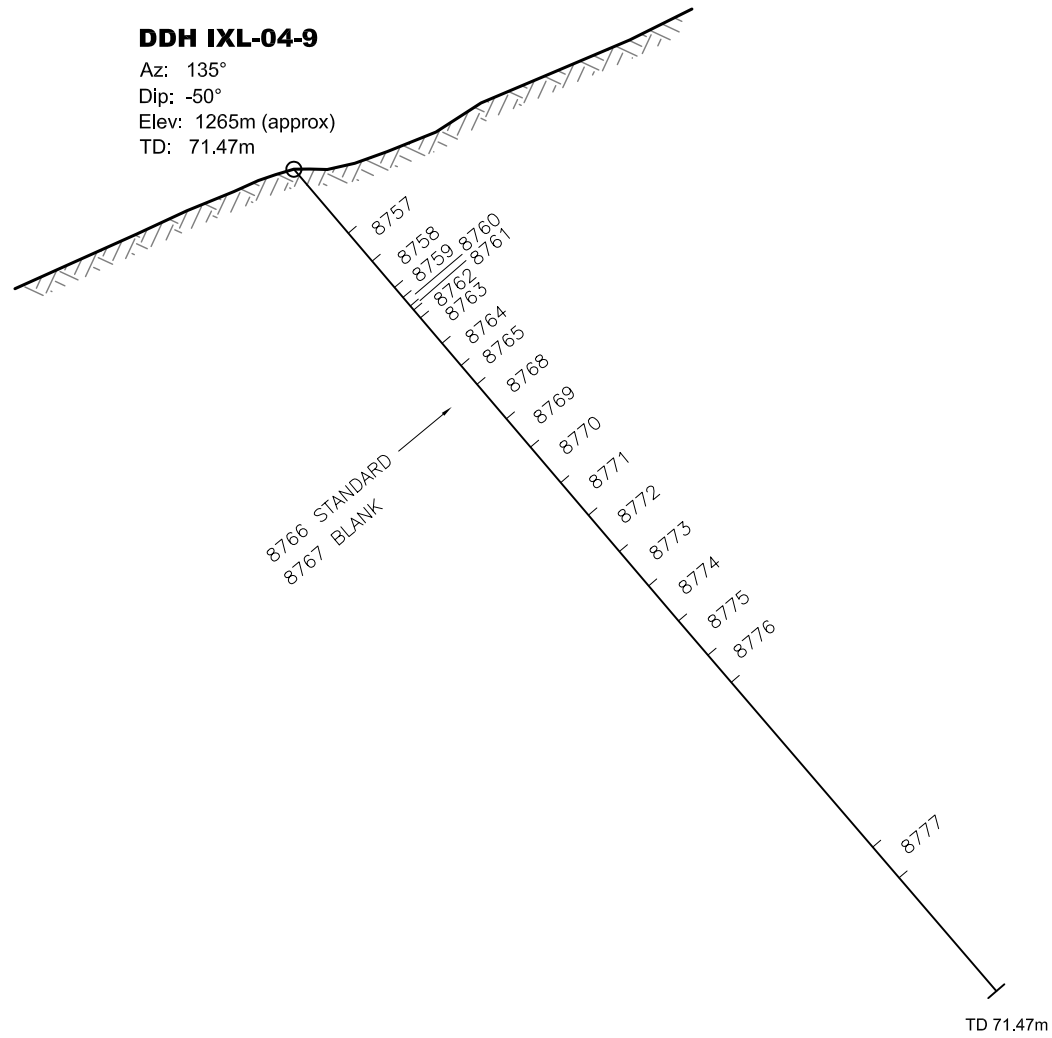


DRAWN BY: LJC / rjw
DATE: NOVEMBER 2004

FILENAME: IXL-FIG36A-IXL-04-9-GEOL.DWG

NW

SE



SAMPLE RESULTS ddh IXL 04-9								
Sample Number	From m	To m	Length m	Au ppb	Ag g/t	Cu ppm	Pb ppm	Zn ppm
8757	5.30	7.80	2.50	20	0.2	196	16	42
8758	7.80	10.35	2.55	25	0.2	136	16	42
8759	10.35	11.00	0.65	20	<0.2	17	12	28
8760	11.00	11.80	0.80	30	0.2	24	14	12
8761	11.80	12.20	0.40	20	<0.2	20	16	29
8762	12.20	12.80	0.60	45	0.2	20	16	15
8763	12.80	15.00	2.20	40	<0.2	14	12	36
8764	15.00	17.00	2.00	30	<0.2	34	16	45
8765	17.00	18.72	1.72	30	<0.2	58	12	40
8766	STANDARD CGS-2			930	2.4	>10000	10	91
8767	BLANK			10	<0.2	3	22	70
8768	18.72	21.55	2.83	25	<0.2	49	12	34
8769	21.55	24.00	2.45	20	0.6	159	154	92
8770	24.00	27.00	3.00	15	1.0	182	162	98
8771	27.00	30.00	3.00	20	0.4	102	18	855
8772	30.00	33.00	3.00	20	0.4	150	26	69
8773	33.00	36.00	3.00	20	0.2	143	22	47
8774	36.00	39.00	3.00	20	0.4	191	22	68
8775	39.00	42.00	3.00	20	0.3	154	24	86
8776	42.00	44.43	2.43	20	<0.2	67	14	44
8777	58.70	61.30	2.60	25	<0.2	119	18	41

Elev.
1250m —

1200m —

COUGAR MINERALS CORP.
&
NEW CANTECH VENTURES INC.

IXL PROPERTY

FIGURE 36b

**DRILL SECTION
IXL 04-9
SAMPLE LOCATIONS & RESULTS**

SCALE: 1:500
0 25m

DRAWN BY: LJC / rjw
DATE: NOVEMBER 2004
FILENAME: IXL-FIG36B-IXL-04-9-SAMPLE.DWG

VERTICAL SECTION IN PLANE OF DRILL HOLE

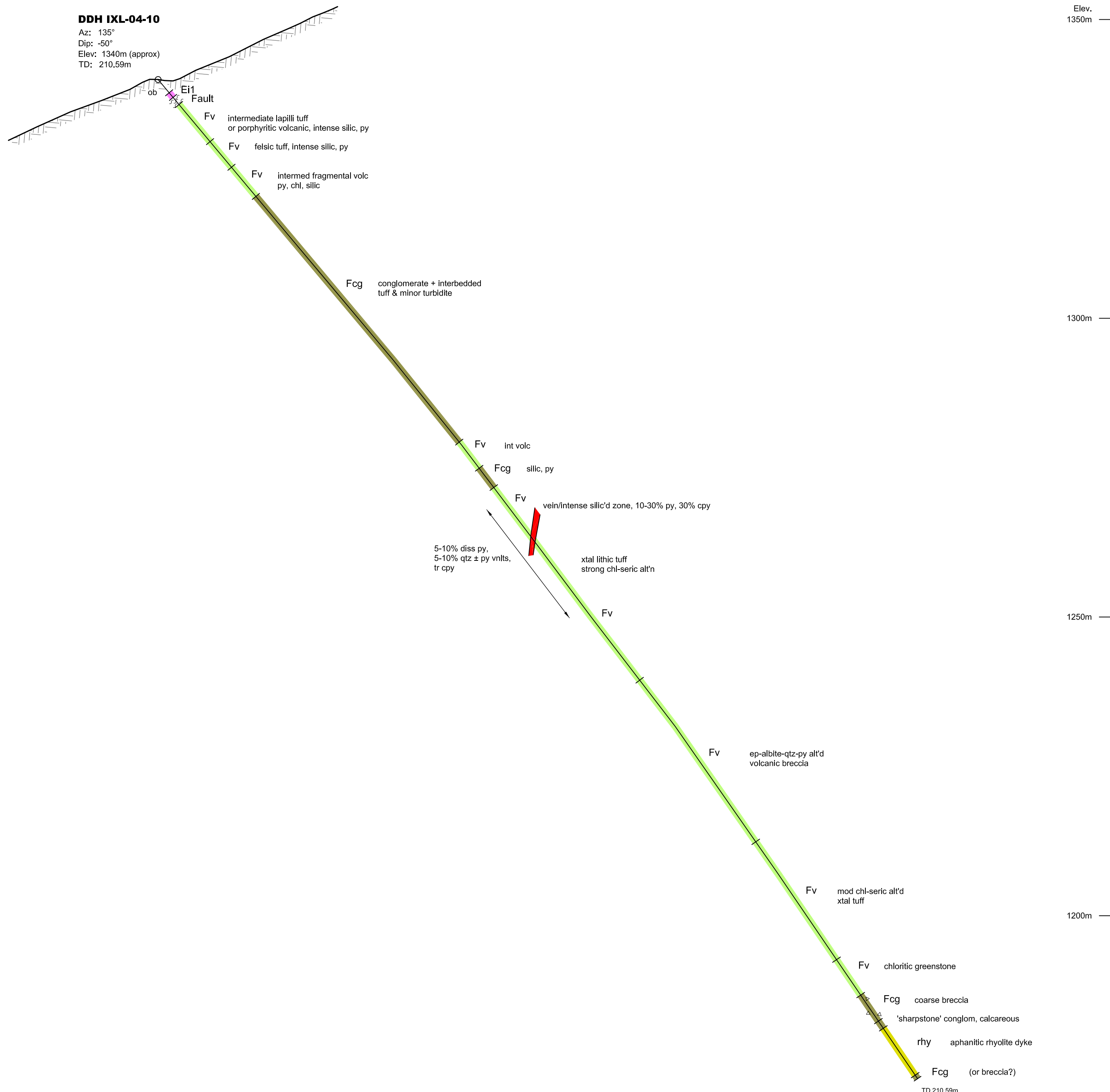
NW

SE

DDH IXL-04-10

Az: 135°
Dip: -50°
Elev: 1340m (approx)
TD: 210.59m

Elev.
1350m



1300m

1250m

1200m

LEGEND

ob Overburden

EIOCENE

Ei1 Pinkish brown, fine grained, non-magnetic, Kspar megacrystic syenite. Narrow dykes and chilled margins of this unit are muddy brown. Kspar phytic "pulaskite".

Ei2 Pink, coarse grained, Kspar megacrystic, biotite phytic, strongly magnetic syenite.

Ei3 Grey to pinkish grey, strongly magnetic, hypidiomorphic granular syenite with Kspar-bio-amph & interstitial Kspar (+plag)

Ei4 Dark pinkish brown fine grained Kspar trachytic syenite.

Es Kettle River Formation Sediments. Cobble size polymictic conglomerate, arkose and minor black (± graphitic) shale.

rhy Aphanitic rhyolite dykes.

JURASSIC TO CRETACEOUS

g Granite, coarse grained, hypidiomorphic - granular with 70-80% conspicuous Kspar - qtz Intergrowths.

gs Nelson granodiorite to diorite.

fp IXL monzonite to diorite, feldspar ± quartz porphyry. Typically leucocratic, very strongly altered (silic, argillic) and very pyritic.

fp (matic) Mafic phase of feldspar porphyry (?) or could be distinct unit. Typically hypidiomorphic granular texture with 15% chl altered mafics interstitial to fsp.

px Dark green-black, strongly magnetic, fine to coarse grained, equigranular with 80%+ pyroxene.

TRIASSIC (?)

Fv Franklin Group intermediate volcanics (greenstone), crystal ± lapilli tuff, and volcanic breccias.

Fm Fine grained microdiorite, probably a subvolcanic intrusive related to the greenstone.

FI Franklin Group limestone and limestone breccia.

Fs Franklin Group sediments (argillite, siltstone, tuffaceous siltstone, siliceous tuff, chert).

Fcg Franklin Group conglomerate. Fine to medium grained. May be dominantly chert pebble conglomerate ("sharpstone") or may be polymictic. Calcareous groundmass.

Sulfide mineralization

Fault

sk skarn py pyrite mag magnetite
silic silicified cpy chalcopyrite sphal sphalerite
ep epidote gal galena chl chlorite
qtz quartz mal malachite az azurite
seric sericite

COUGAR MINERALS CORP.
&
NEW CANTECH VENTURES INC.

IXL PROPERTY

FIGURE 37a

**DRILL SECTION
IXL 04-10
GEOLOGY**

SCALE: 1:500

0 25m

DRAWN BY: LJC / Jde
DATE: NOVEMBER 2004

FILENAME: IXL-FIG37A-IXL-04-10-GEOLOGY.DWG

VERTICAL SECTION IN PLANE OF DRILL HOLE

NW

SE

DDH IXL-04-10
Az: 135°
Dip: -50°
Elev: 1340m (approx)
TD: 210.59m

Elev.
1350m

1300m

1250m

1200m

TD 210.59m

SAMPLE RESULTS ddh IXL 04-10									
Sample Number	From m	To m	Length m	Au g/t	Ag g/t	Cu ppm	Pb ppm	Zn ppm	
8776	5.49	7.50	2.01	25	0.5	122	24	111	
8779	7.50	9.50	2.00	60	0.6	105	26	121	
8780	9.50	11.50	2.00	75	1.4	492	38	62	
8781	11.50	13.50	2.00	115	1.7	464	46	90	
8782	13.50	15.50	2.00	45	0.6	49	30	67	
8783	15.50	17.50	2.00	35	0.5	14	36	76	
8784	17.50	19.10	1.60	60	0.8	205	26	32	
8785	STANDARD CGS-5		140	0.3	1483	10	56		
8789	BLANK		5	<0.2	5	24	77		
8787	19.10	21.50	2.40	40	1.1	175	22	92	
8788	21.50	24.00	2.50	30	1.0	172	24	76	
8789	24.00	26.95	2.95	15	3.8	1129	26	119	
8790	26.95	28.00	2.05	15	1.1	107	32	76	
8791	28.00	31.00	3.00	20	1.5	204	40	90	
8792	31.00	34.00	3.00	20	1.3	335	22	90	
8793	34.00	37.00	3.00	20	1.1	200	30	115	
8794	37.00	40.00	3.00	25	0.5	32	146	682	
8795	40.00	43.00	3.00	15	0.3	31	24	211	
8796	43.00	46.00	3.00	25	0.3	16	24	263	
8797	46.00	49.00	3.00	15	0.4	18	26	127	
8798	49.00	52.00	3.00	15	0.4	74	16	62	
8799	52.00	55.00	3.00	20	0.4	98	36	152	
8800	55.00	58.00	3.00	20	0.7	196	168	1458	
8801	58.00	61.00	3.00	20	0.7	170	189	157	
8802	61.00	64.00	3.00	20	0.9	140	356	1580	
8803	64.00	67.00	3.00	20	0.8	103	250	1014	
8804	67.00	70.00	3.00	25	0.6	13	34	120	
8805	70.00	73.00	3.00	55	0.8	13	38	117	
8806	STANDARD CGS-2		985	2.2	>10000	12	116		
8807	BLANK		10	<0.2	10	28	93		
8808	73.00	76.00	3.00	15	0.4	20	12	49	
8809	76.00	79.25	3.25	55	0.6	229	16	117	
8810	79.25	82.50	3.25	40	0.6	107	22	122	
8811	82.50	84.70	2.20	25	0.3	17	26	111	
8812	84.70	86.70	2.00	25	0.6	245	20	57	
8813	86.70	88.70	2.00	55	0.9	278	26	59	
8814	88.70	91.00	2.30	45	1.1	262	44	655	
8815	91.00	93.00	2.00	45	1.4	152	92	106	
8816	93.00	96.00	3.00	55	1.4	352	42	110	
8817	96.00	98.59	2.59	60	3.9	659	106	136	
8818	98.59	99.70	1.11	295	76.3	249	1376	162	
8819	99.70	102.00	2.30	215	2.2	363	80	414	
8820	102.00	104.00	2.00	270	2.1	649	26	104	
8821	104.00	106.00	2.00	50	2.2	766	46	1112	
8822	106.00	108.00	2.00	50	1.8	731	58	1729	
8823	108.00	110.80	2.80	65	1.9	535	114	141	
8824	110.80	111.45	0.65	135	3.2	1239	38	82	
8825	STANDARD CGS-5		140	0.3	1483	20	72		
8826	BLANK		15	<0.2	6	34	94		
8827	111.45	113.50	2.05	95	3.0	1049	30	136	
8828	113.50	115.50	2.00	65	1.1	284	50	519	
8829	115.50	117.50	2.00	60	1.0	86	60	100	
8830	117.50	120.00	2.50	55	1.3	329	34	85	
8831	120.00	123.00	3.00	30	0.6	222	24	76	
8832	123.00	126.00	3.00	35	1.1	629	28	74	
8833	126.00	129.00	3.00	25	0.6	200	30	101	
8834	129.00	132.00	3.00	15	0.3	141	22	106	
8835	132.00	135.00	3.00	25	0.3	108	24	83	
8836	135.00	138.00	3.00	20	0.3	208	20	88	
8837	138.00	141.00	3.00	30	0.7	373	24	93	
8838	141.00	144.00	3.00	35	0.6	217	48	84	
8839	144.00	147.00	3.00	40	1.3	289	82	96	
8840	147.00	150.00	3.00	40	1.2	404	28	88	
8841	150.00	153.00	3.00	50	1.6	759	26	76	
8842	153.00	156.00	3.00	25	1.0	599	24	67	
8843	156.00	159.00	3.00	30	1.9	1323	26	73	
8844	159.00	162.00	3.00	20	1.1	713	28	80	
8845	162.00	165.00	3.00	10	0.3	61	20	56	
8846	STANDARD CGS-2		980	2.3	>10000	12	118		
8847	BLANK		10	<0.2	8	30	90		
8848	174.13	175.35	1.22	20	0.2	9	12	21	
8849	175.35	178.35	3.00	15	0.2	7	14	37	
8850	191.00	193.98	2.98	5	0.3	127	18	43	
8851	193.98	196.60	2.62	5	<0.2	42	22	42	
8852	196.60	198.84	2.24	20	0.2	88	26	71	
8853	198.84	200.40	1.56	10	0.2	31	20	79	
8854	200.40	202.65	2.25	10	<0.2	20	36	84	
8855	202.65	204.50	1.85	5	<0.2	23	24	68	
8856	204.50	206.00	1.50	5	<0.2	47	24	129	

1.1m @ 2.49% Cu, 0.30g/t Au, 76.3g/t Ag
2.7m @ 0.11% Cu, 0.10g/t Au

3.0m @ 0.13% Cu, 0.03g/t Au

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FIGURE 37b

**DRILL SECTION
IXL 04-10
SAMPLE LOCATIONS & RESULTS**

SCALE: 1:500

DRAWN BY: LJC / dje
DATE: NOVEMBER 2004

FILENAME: IXL-FIG37b-IXL-04-10.DWG

VERTICAL SECTION IN PLANE OF DRILL HOE

LEGEND

ob Overburden

EOCENE

Ei Coryell syenite and pulaskite dykes, sills and stocks.

Ei₁ Pinkish brown, fine grained, non-magnetic, Kspar megacrystic syenite. Narrow dykes and chilled margins of this unit are muddy brown Kspar phytic "pulaskite".

Ei₂ Pink, coarse grained, Kspar megacrystic, biotite phytic, strongly magnetic syenite.

Ei₃ Grey to pinkish grey, strongly magnetic, hypidiomorphic granular syenite with Kspar-bio-amph & interstitial Kspar (+plag)

Ei₄ Dark pinkish brown fine grained Kspar trachytic syenite.

Es Kettle River Formation Sediments. Cobble size polymictic conglomerate, arkose and minor black (± graphitic) shale.

rhy Aphanitic rhyolite dykes.

JURASSIC TO CRETACEOUS

g Granite, coarse grained, hypidiomorphic - granular with 70-80% conspicuous Kspar - qtz intergrowths.

nd Nelson granodiorite to diorite.

fp IXL monzonite to diorite, feldspar ± quartz porphyry. Typically leucocratic, very strongly altered (silic, argillic) and very pyritic.

fp (mafic) Mafic phase of feldspar porphyry (?) or could be distinct unit. Typically hypidiomorphic granular texture with 15% chl altered mafics interstitial to fsp.

px Dark green-black, strongly magnetic, fine to coarse grained, equigranular with 80%+ pyroxene.

TRIASSIC (?)

Fv Franklin Group intermediate volcanics (greenstone), crystal ± lapilli tuff, and volcanic breccias.

Fmd Fine grained microdiorite, probably a subvolcanic intrusive related to the greenstone.

Fl Franklin Group limestone and limestone breccia.

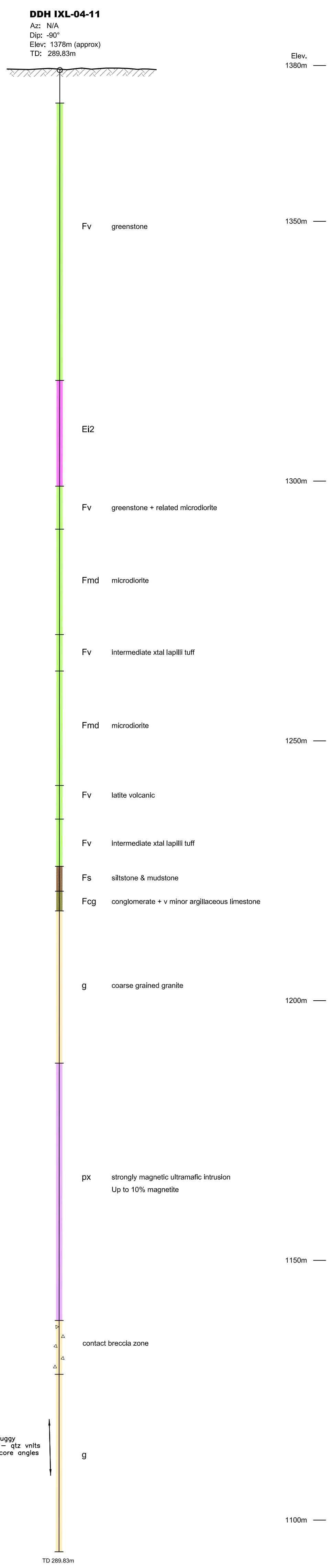
Fs Franklin Group sediments (argillite, siltstone, tuffaceous siltstone, siliceous tuff, chert).

Fcg Franklin Group conglomerate. Fine to medium grained. May be dominantly chert pebble conglomerate ("sharpstone") or may be polymictic. Calcareous groundmass.

Sulfide mineralization

Fault

sk	skarn	py	pyrite	mag	magnetite
silc	silicified	cpy	chalcopyrite	sphal	sphalerite
ep	epidote	gal	galena	chl	chlorite
qtz	quartz	mal	malachite	az	azurite
seric	sericite				



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FIGURE 38a
**DRILL SECTION
 IXL 04-11
 GEOLOGY**

SCALE: 1:500
 0 25m

DRAWN BY: LJC / RW
 DATE: NOVEMBER 2004

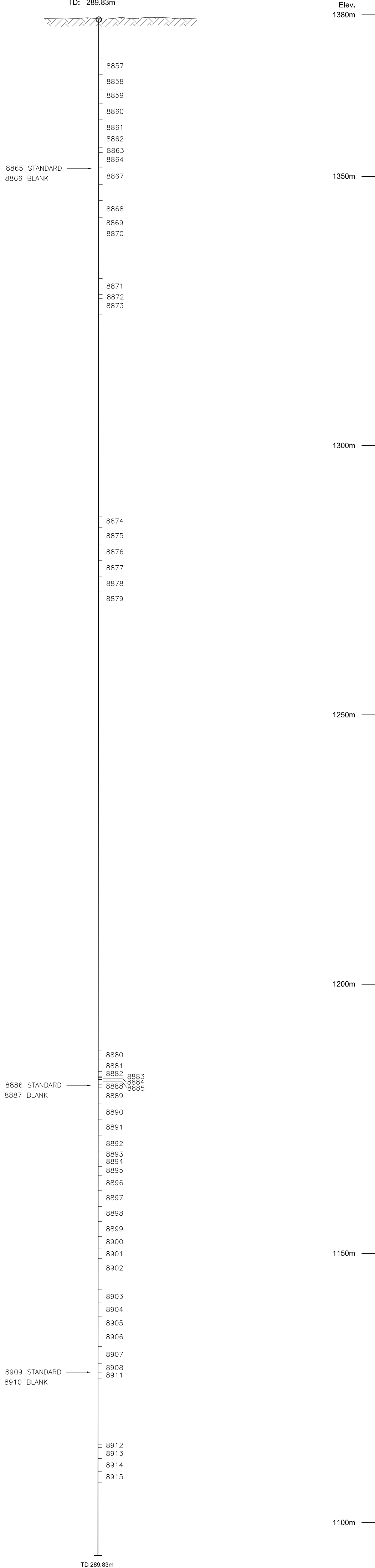
FILE NAME: IXL-04-11-GEOLOGY.DWG

VERTICAL SECTION

SAMPLE RESULTS ddh IXL 04-11										
Sample Number	From m	To m	Length m	Au ppb	Ag g/t	Cu ppm	Pb ppm	Zn ppm	Pd ppb	Pt ppb
8857	7.00	10.00	3.00	5	<0.2	37	30	84		
8858	10.00	13.00	3.00	5	<0.2	58	20	85		
8859	13.00	15.80	2.80	10	<0.2	106	22	100		
8860	15.80	18.80	3.00	5	<0.2	98	20	60		
8861	18.80	21.80	3.00	<5	<0.2	49	20	66		
8862	21.80	23.60	1.80	5	<0.2	123	24	71		
8863	23.60	24.50	0.90	15	<0.2	47	32	74		
8864	24.50	27.50	3.00	10	<0.2	64	30	75		
8865	STANDARD CGS-5			145	<0.2	1445	16	99		
8866	BLANK			<5	<0.2	3	30	89		
8867	27.50	30.50	3.00	<5	<0.2	76	50	90		
8868	33.65	36.65	3.00	5	<0.2	59	34	84		
8869	36.65	38.23	1.58	30	<0.2	23	22	33		
8870	38.23	41.23	3.00	20	<0.2	65	34	58		
8871	48.00	51.00	3.00	15	<0.2	55	38	51		
8872	51.00	51.70	0.70	30	0.6	24	410	98		
8873	51.70	54.70	3.00	55	0.3	76	40	55		
8874	62.40	64.20	1.80	10	<0.2	48	34	67		
8875	64.20	67.20	3.00	5	<0.2	13	18	35		
8876	67.20	100.20	3.00	10	<0.2	14	16	38		
8877	100.20	103.20	3.00	5	<0.2	16	44	43		
8878	103.20	106.20	3.00	<5	<0.2	17	24	39		
8879	106.20	108.54	2.34	10	<0.2	18	26	44		
8880	191.04	193.00	1.96	10	<0.2	26	34	117	10	20
8881	193.00	195.00	2.00	5	<0.2	33	44	189	5	30
8882	195.00	195.80	0.80	5	<0.2	42	26	30	10	10
8883	195.80	196.04	0.24	5	0.5	1032	30	147	65	20
8884	196.04	196.52	0.48	5	<0.2	5	6	14	20	<5
8885	196.52	197.50	0.98	15	<0.2	146	32	124	95	10
8886	STANDARD CGS-2			950	2.2	>10000	12	119	15	5
8887	BLANK			<5	<0.2	4	34	95	15	25
8888	197.50	197.94	0.44	10	0.4	1299	20	124	165	65
8889	197.94	201.00	3.06	5	<0.2	186	20	73	55	40
8890	201.00	204.00	3.00	10	<0.2	39	20	68	50	30
8891	204.00	207.00	3.00	5	<0.2	45	20	64	90	30
8892	207.00	210.00	3.00	<5	<0.2	81	18	59	65	5
8893	210.00	210.63	0.63	<5	<0.2	60	12	42	50	<5
8894	210.63	212.50	1.87	5	<0.2	81	26	144	20	<5
8895	212.50	214.20	1.70	10	<0.2	31	24	108	65	120
8896	214.20	217.00	2.80	10	<0.2	5	20	65	35	25
8897	217.00	220.00	3.00	5	<0.2	76	18	85	30	20
8898	220.00	222.90	2.90	15	<0.2	254	18	77	40	30
8899	222.90	225.70	2.80	5	<0.2	224	16	88	15	25
8900	225.70	227.70	2.00	15	<0.2	345	18	102	30	15
8901	227.70	229.70	2.00	10	<0.2	75	18	65	5	10
8902	229.70	232.87	3.17	5	0.2	872	12	116	10	5
8903	232.87	238.00	5.13	45	<0.2	133	16	91	25	30
8904	238.00	240.38	2.38	20	<0.2	123	12	78	25	20
8905	240.38	243.00	2.62	15	<0.2	151	14	75	30	15
8906	243.00	246.00	3.00	15	<0.2	187	10	177	25	15
8907	246.00	249.00	3.00	5	<0.2	228	10	114	10	25
8908	249.00	250.65	1.65	<5	<0.2	128	10	134	15	<5
8909	STANDARD CGS-5			145	<0.2	1444	20	72		
8910	BLANK			5	<0.2	3	36	99		
8911	250.65	251.75	1.10	15	<0.2	88	6	65		
8912	251.75	254.90	3.15	95	<0.2	67	8	97		
8913	254.90	266.80	11.90	30	<0.2	40	10	85		
8914	266.80	269.00	2.20	10	<0.2	14	6	83		
8915	269.00	271.05	2.05	15	0.3	56	14	89		

DDH IXL-04-11

Az: N/A
Dip: -90°
Elev: 1378m (approx)
TD: 289.83m



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FIGURE 38b
**DRILL SECTION
IXL 04-11
SAMPLE LOCATIONS & RESULTS**

SCALE: 1:500
0 25m

DRAWN BY: LJC / RW
DATE: NOVEMBER 2004 FILENAME: IXL04-11-SAMPLE.DWG

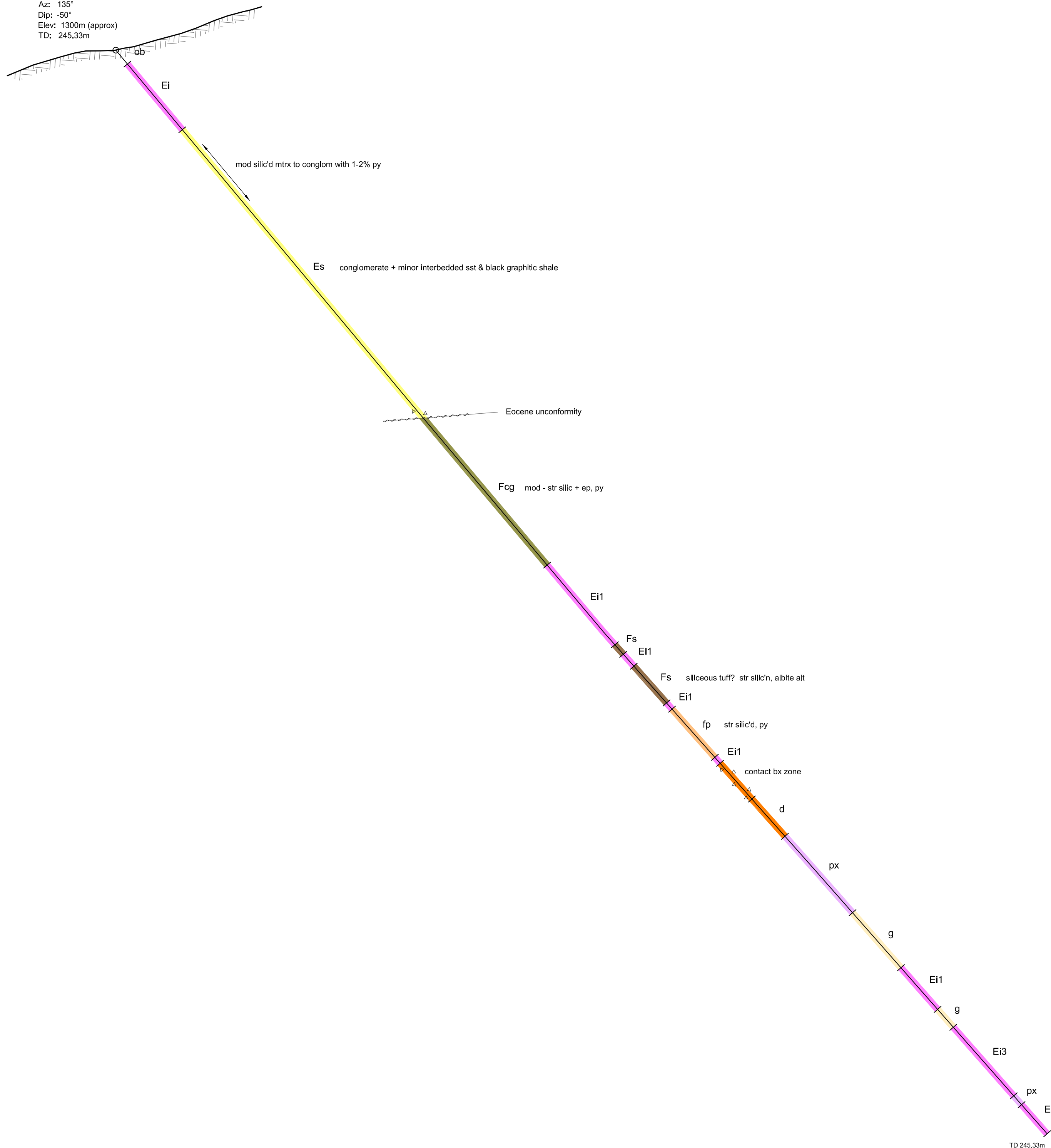
VERTICAL SECTION

NW

DDH IXL-04-12

Az: 135°
Dip: -50°
Elev: 1300m (approx)
TD: 245.33m

SE



Elev. 1300m

1250m

1200m

1150m

TD 245.33m

VERTICAL SECTION IN PLANE OF DRILL HOLE

LEGEND

ob	Overburden				
Eocene					
Ei	Coryell syenite and pulaskite dykes, sills and stocks.				
Ei ₁	Pinkish brown, fine grained, non-magnetic, Kspar megacrystic syenite. Narrow dykes and chilled margins of this unit are muddy brown Kspar phytic "pulaskite".				
Ei ₂	Pink, coarse grained, Kspar megacrystic, biotite phytic, strongly magnetic syenite.				
Ei ₃	Grey to pinkish grey, strongly magnetic, hypidiomorphic granular syenite with Kspar-bio-amp & interstitial Kspar (+plag)				
Ei ₄	Dark pinkish brown fine grained Kspar trachytic syenite.				
Es	Kettle River Formation Sediments. Cobble size polymictic conglomerate, arkose and minor black (± graphitic) shale.				
rhy	Aphanitic rhyolite dykes.				
JURASSIC TO CRETACEOUS					
g	Granite, coarse grained, hypidiomorphic - granular with 70-80% conspicuous Kspar - qtz intergrowths.				
gd	Nelson granodiorite to diorite.				
fp	IXL monzonite to diorite, feldspar ± quartz porphyry. Typically leucocratic, very strongly altered (silic, argillic) and very pyritic.				
fp (mafic)	Mafic phase of feldspar porphyry (?) or could be distinct unit. Typically hypidiomorphic granular texture with 15% chl altered mafics interstitial to fsp.				
px	Dark green-black, strongly magnetic, fine to coarse grained, equigranular with 80%+ pyroxene.				
TRIASSIC (?)					
Fv	Franklin Group intermediate volcanics (greenstone), crystal ± lapilli tuff, and volcanic breccias.				
Fmd	Fine grained microdiorite, probably a subvolcanic intrusive related to the greenstone.				
Fl	Franklin Group limestone and limestone breccia.				
Fs	Franklin Group sediments (argillite, siltstone, tuffaceous siltstone, siliceous tuff, chert).				
Fcg	Franklin Group conglomerate. Fine to medium grained. May be dominantly chert pebble conglomerate ("sharpstone") or may be polymictic. Calcareous groundmass.				
(dots)	Sulfide mineralization				
(wavy line)	Fault				
sk	skarn	py	pyrite	mag	magnetite
silic	silicified	cpy	chalcopyrite	sphal	sphalerite
ep	epikote	gal	galena	chl	chlorite
qtz	quartz	mal	malachite	az	azurite
seric	sericite				

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IXL PROPERTY
FIGURE 39a

**DRILL SECTION
IXL 04-12
GEOLOGY**

SCALE: 1:500
0 25m

DRAWN BY: LJC/rlw
DATE: NOVEMBER 2004

FILENAME: IXL-FG39a-IXL-04-12-GEOL.DWG

NW

DDH IXL-04-12

Az: 135°
Dip: -50°
Elev: 1300m (approx)
TD: 245.33m

SE

Elev.
1300m

1250m

1200m

1150m

TD 245.33m

VERTICAL SECTION IN PLANE OF DRILL HOLE

SAMPLE RESULTS ddh IXL 04-12									
Sample Number	From m	To m	Length m	Au ppb	Ag g/t	Cu ppm	Pb ppm	Zn ppm	
8916	17.62	19.81	2.19	15	0.3	36	12	131	
8917	19.81	21.45	1.64	5	<0.2	19	22	60	
8918	21.45	23.50	2.05	5	0.3	47	12	136	
8919	23.50	25.50	2.00	<5	0.3	38	18	89	
8920	25.50	27.50	2.00	<5	0.3	40	18	103	
8921	27.50	29.50	2.00	<5	0.2	41	14	94	
8922	29.50	31.50	2.00	<5	0.2	37	10	81	
8923	31.50	33.50	2.00	<5	<0.2	26	12	57	
8924	33.50	34.50	1.00	5	<0.2	27	14	78	
8925	81.00	82.30	1.30	20	0.6	51	14	60	
8926	82.30	85.00	2.70	30	0.4	141	12	55	
8927	85.00	88.00	3.00	35	0.3	53	34	233	
8928	88.00	91.00	3.00	55	0.3	27	8	22	
8929	91.00	94.00	3.00	30	<0.2	42	6	23	
8930	STANDARD CGS-5		135	0.3	1414	12	53		
8931	BLANK			<5	<0.2	4	24	82	
8932	94.00	97.00	3.00	80	0.2	149	8	22	
8933	97.00	100.00	3.00	75	0.3	111	12	30	
8934	100.00	103.00	3.00	130	1.2	79	148	71	
8935	103.00	106.00	3.00	75	0.5	48	30	58	
8936	106.00	109.00	3.00	65	0.4	106	28	40	
8937	109.00	112.00	3.00	50	0.5	69	20	48	
8938	112.00	115.34	3.34	45	0.4	33	22	48	
8939	133.67	136.00	2.33	30	0.7	68	198	62	
8940	138.58	141.50	2.92	10	<0.2	20	26	26	
8941	141.50	144.50	3.00	5	<0.2	47	32	44	
8942	144.50	147.48	2.98	10	0.2	43	30	39	
8943	147.48	148.56	1.08	<5	<0.2	10	30	70	
8944	148.56	151.50	2.94	40	0.4	452	8	19	
8945	151.50	154.50	3.00	230	0.3	497	8	18	
8946	154.50	157.50	3.00	170	0.8	729	8	21	
8947	157.50	159.45	1.95	235	1.4	1277	16	27	
8948	159.45	160.67	1.22	<5	<0.2	14	36	83	
8949	160.67	163.00	2.33	<5	<0.2	20	18	85	
8950	163.00	165.00	2.00	<5	<0.2	29	22	86	
8951	165.00	167.00	2.00	<5	<0.2	48	14	76	
8952	167.00	169.04	2.04	5	<0.2	43	14	75	
8953	STANDARD CGS-2		935	2.5	>10000	10	93		
8954	BLANK			5	<0.2	6	28	84	
8955	169.04	171.15	2.11	10	<0.2	149	14	88	
8956	171.15	171.35	0.20	5	<0.2	11	<2	7	

COUGAR MINERALS CORP.
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IXL PROPERTY
FIGURE 39b
DRILL SECTION
IXL 04-12
SAMPLE LOCATIONS & RESULTS
SCALE: 1:500
0 25m
DRAWN BY: LJC/ikw
DATE: NOVEMBER 2004
FILENAME: DL-F03084KL-04-12-SAMPLE.DWG