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COMINCO LTD.

EXPLORATION
92 H 9

WESTERN DISTRICT

826741

YEAR END REPORT TO OWNERS

PERCUSSION DRILLING AND INDUCED POLARIZATION SURVEYS

LUCKY-JURA PROPERTY

LUCKY, LUCKY 2 , BOCH 1-4, MAC MINERAL CLAIMS

Record No: 2435, 2896, 3237-9, 3282, 3238

PRINCETON

Similkameen Mining Division

Latitude: 49 deg. 34' N Longitude: 120 deg. 27' W

December 10, 1990

A. M. Pauwels

YEAR END REPORT TO OWNERS

LUCKY-JURA PROPERTY

COMINCO LTD.

EXPLORATION WESTERN DISTRICT

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PERCUSSION DRILLING AND INDUCED POLARIZATION SURVEYS

LUCKY-JURA PROPERTY

I SUMMARY

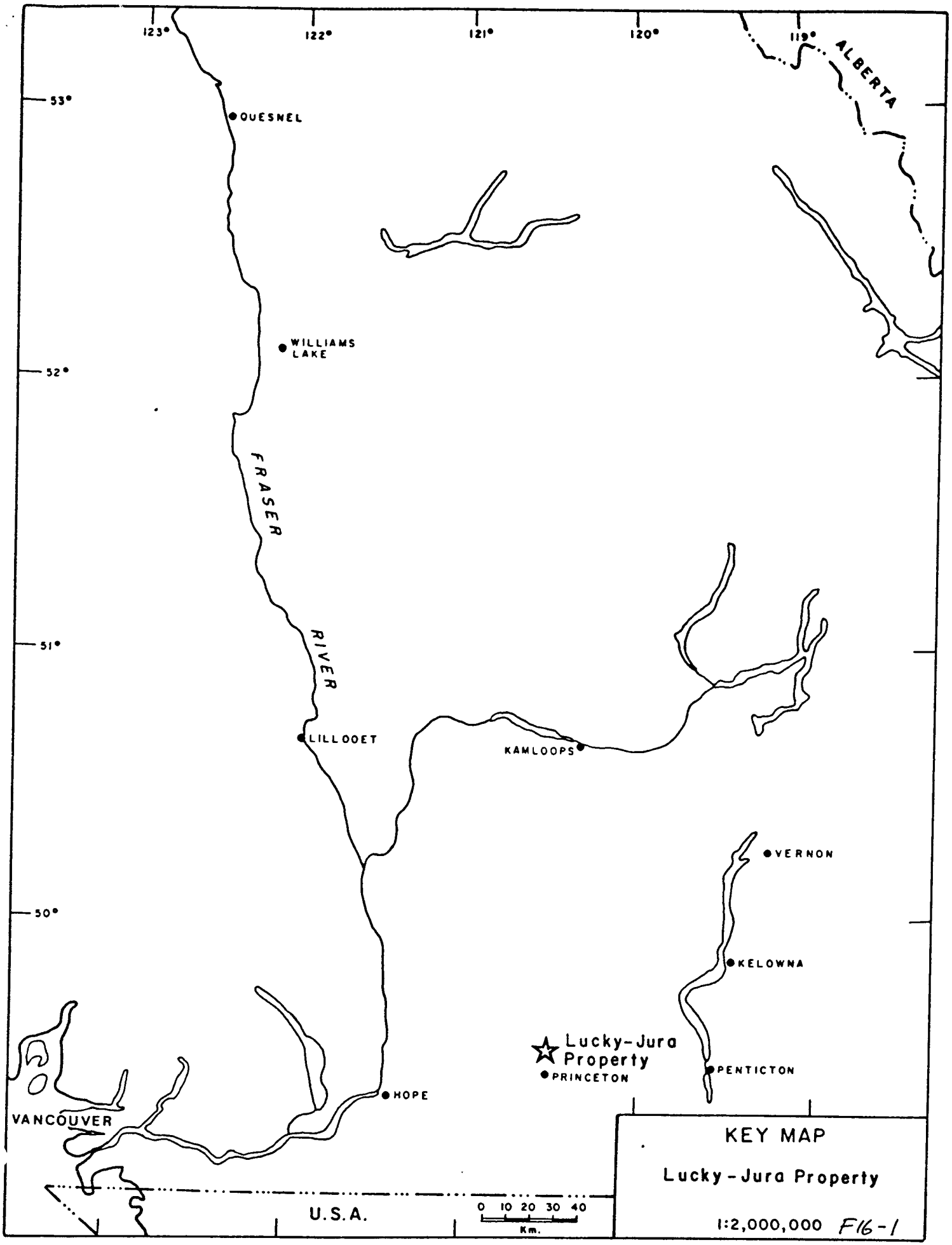
Past exploration found high copper and gold values in soils, outcrops and drill holes associated with a large hydrothermal system developed in Nicola volcanic rocks. Induced Polarization surveys in 1960 showed an IP high caused by the hydrothermal alteration. The western and southern boundaries of this IP high were delineated in April 1990. Later reconnaissance style IP over the northern part of the claims did not find any additional IP anomalies. The undrilled, overburden covered part of the IP high was tested with percussion drilling (17 holes). Altered bedrock was intersected with elevated copper and gold values but the values found are not considered to be of economic interest to Cominco.

II INTRODUCTION

The claims are 12 km northeast of Princeton (see Figures 1 and 2) and straddle the paved Princeton-Osprey Lake road. The Kettle Valley Railway (CP-Rail) also passes through the property. The area consists of gently sloping grasslands and dry hayfields with widely spaced trees at higher elevation in the northern part of the claims. Most surface rights are privately owned. Induced polarization surveys were done in April and October by A. Scott Geophysics from Vancouver with a crew of five. Drilling lasted from May 14 to 22, 1990. The drill contractor was A. Miller Percussion Drilling Ltd. of Barriere, B.C. The drill crew included A. Miller and helper. Water was delivered to the site by F. Ceccone of Princeton, B.C. Cominco employees involved were A.P. Roberts, technician (logistics and sampling), M. Davies (sampling) and A.M. Pauwels, senior geologist (planning, supervision, logging). Analytical work was done at Cominco's E.R. Laboratory, 1486 E. Pender, Vancouver.

III AREA GEOLOGY

The area of the claims is underlain by Nicola Group (Upper Triassic) volcanic and intrusive rock, the Summers Creek batholith (Jurassic) and Princeton Group (Tertiary) sediments. The Nicola rocks occupy the central part of the claims and consist of andesite and dacite intruded by syenite and monzonite.


123°
122°
121°
120°
119°
ALBERTA
53°
QUESNEL
WILLIAMS LAKE
52°
FRASER RIVER
51°
LILLOOET
KAMLOOPS
VERNON
50°
KELOWNA
Lucky-Jura Property
PRINCETON
PENTICTON
HOPE
VANCOUVER
U.S.A.
0 10 20 30 40
Km.
KEY MAP
Lucky-Jura Property
1:2,000,000 F16-1

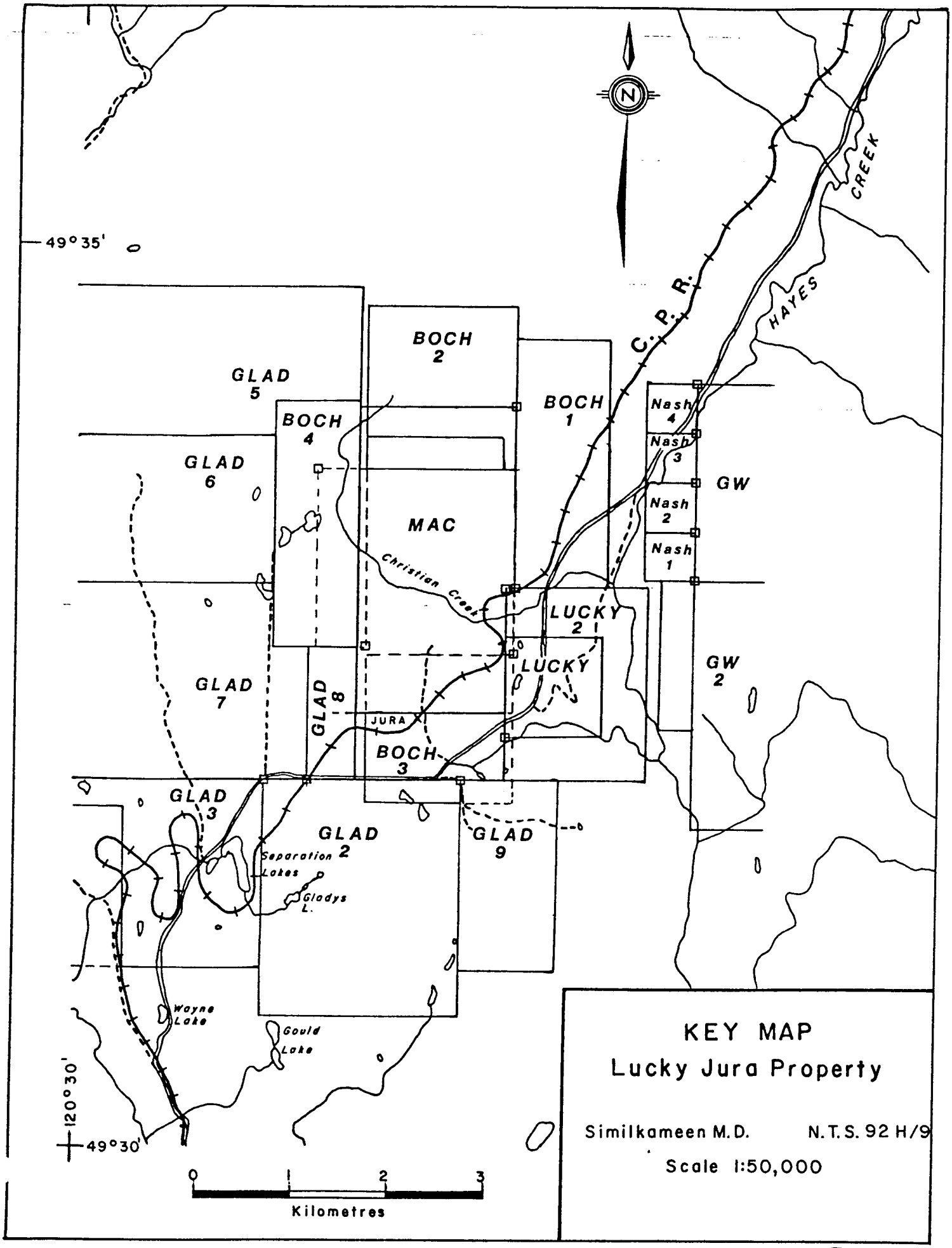

N
49°35'
120°30'
49°30'
C.P.R.
HAYES
CREEK
BOCH 2
BOCH 1
BOCH 4
BOCH 3
GLAD 5
GLAD 6
GLAD 7
GLAD 8
GLAD 3
GLAD 2
GLAD 9
MAC
Christian Creek
LUCKY 2
LUCKY
JURA
Nash 4
Nash 3
Nash 2
Nash 1
GW
GW 2
Separation Lakes
Gladys L.
Wayne Lake
Gould Lake
0
1
2
3
Kilometres
KEY MAP
Lucky Jura Property
Similkameen M.D.
N.T.S. 92 H/9
Scale 1:50,000

FIGURE 2

In the eastern part of the claims these Triassic rocks are intruded by granodiorite of Jurassic age (Summers Creek batholith). To the southeast and west the Nicola rocks are down faulted along northwest and north-south trending normal faults. Sandstones belonging to the Princeton Group cover the Nicola Group in this area. Of economic interest is a large area of hydrothermally altered Triassic rocks outcropping as gossans along the Princeton-Osprey Lake road. Alteration minerals include K-feldspar, epidote, sericite, quartz, pyrite, hematite and chalcopyrite. This alteration affects a large area, much of it overburden covered. Induced polarization surveys indicate sulphides over 1.5 square kilometers.

IV PREVIOUS EXPLORATION

The earliest recorded work on the property dates back to 1927, when prospectors drove three short adits and excavated several trenches on copper showings in the area of the present Lucky claim. Modern exploration was started in 1959 by Kennco. Kennco was searching for porphyry copper mineralization. The Lucky area was targeted because geological setting and aeromagnetic expression were very similar to the Copper Mountain area. Kennco completed airborne and ground magnetics, soil geochemistry, induced polarization, geological mapping, trenching and 4 diamond drill holes (744 feet). Most of this work was on the present Lucky and Mac claims. Kennco delineated a 1 sq. km IP high with some coincident high copper in soils. This IP high straddles the boundary of the present Lucky and Mac claims. The four short holes tested copper geochemical highs associated with the IP anomaly. Detailed assay results are not available but copper mineralization of subeconomic grade has been reported in some of the holes. Kennco abandoned the property in 1970.

Induced polarization, geochemical soil surveys and extensive drilling were done 2 km west of the Kennco drilling by Amax Explorations on behalf of Copex Mining in 1972 and 1973. Drilling probed a 700 by 500 m copper anomaly with a coincident but small IP high. Drilling consisted of percussion drilling, 2,400 m in 28 holes and diamond drilling, 1,100 m in 8 holes. Low grade copper mineralization was found over short lengths in some of the holes. The drilling effectively tested the porhyry copper potential of this area.

Later in 1978 and 1979 Superior Oil tested the Eastern fringes of the Kennco IP anomaly with percussion (9 holes, 233 m) and diamond drilling (2 holes, 600 m). Detailed assay results are not available, but apparently only very low grade copper and gold mineralization was encountered in altered andesite.

Mingold optioned the Lucky claim in 1987 and completed soil sampling and drilling (717 m, 8 holes) in the area drilled by Kennco. High gold values were found in the soils (max 315 ppb) associated with high copper values found earlier by Kennco. Low grade copper-gold mineralization in parts of holes 87-1, 87-2, 87-7 and 87-8. Best values were in 0.42% Cu and 0.205 g/t Au over 23 m in hole 87-8.

V TENURE

The property consists of seven contiguous mineral claims: Lucky, Lucky 2, Boch 1 to 4 and Mac, a total of 71 units. The claims were optioned by Cominco Ltd. from Sundial Resources Ltd. (Boch, Mac) and Peter Peto (Lucky). Sundial Resources in turn has an underlying agreement with Chalco Resources Ltd., the owner of the Mac claim. Work expenditures are estimated at $85,000, of which $52,000 was done on the Mac and Boch claims (IP surveys, drilling) and $33,000 on the Lucky claims (drilling). A detailed account of expenditures will be available in January, 1991. Work was applied to all claims, according to the terms of the various agreements and the present status of the claims is summarized in the table below:

TABLE I CLAIM STATUS

Claim	Record Number	Units	Expiry Date
Boch 1	3237	10	November 9, 1993
Boch 2	3238	6	November 10, 1993
Boch 3	3239	9	November 10, 1993
Boch 4	3282	10	March 31, 1993
Mac	3209	20	October 11, 1993
Lucky	2435	4	August 20, 1994
Lucky 2	2896	12	April 29, 1994

V INDUCED POLARIZATION SURVEYS

During the periods of April 10-14 and October 18-20, 1990 induced polarization and magnetometer surveys were conducted over the Mac and Boch claims (see Figure 3). A total of 8.0 kilometers of IP and magnetic surveys were completed in April and 9 kilometers of IP and mag in October. The survey in April consisted of seven lines, with a line spacing of 200 metres (see Figure 4). The survey in October was more reconnaissance style and was conducted along roads in the northern part of the property.

Equipment and Procedures

A Scintrex IPR-11 time domain receiver and a Scintrex 2.5kw IPC-7 transmitter were used for the IP surveys. A 2-second alternating square wave was output at the transmitter, and the decay of that signal during the off time was measured at the receiver. The receiver recorded chargeabilities for 10 time slices (M0-M9), as well as the primary voltage (Vp) and self potential (SP) for each of 4 potential electrode pairs at each station.

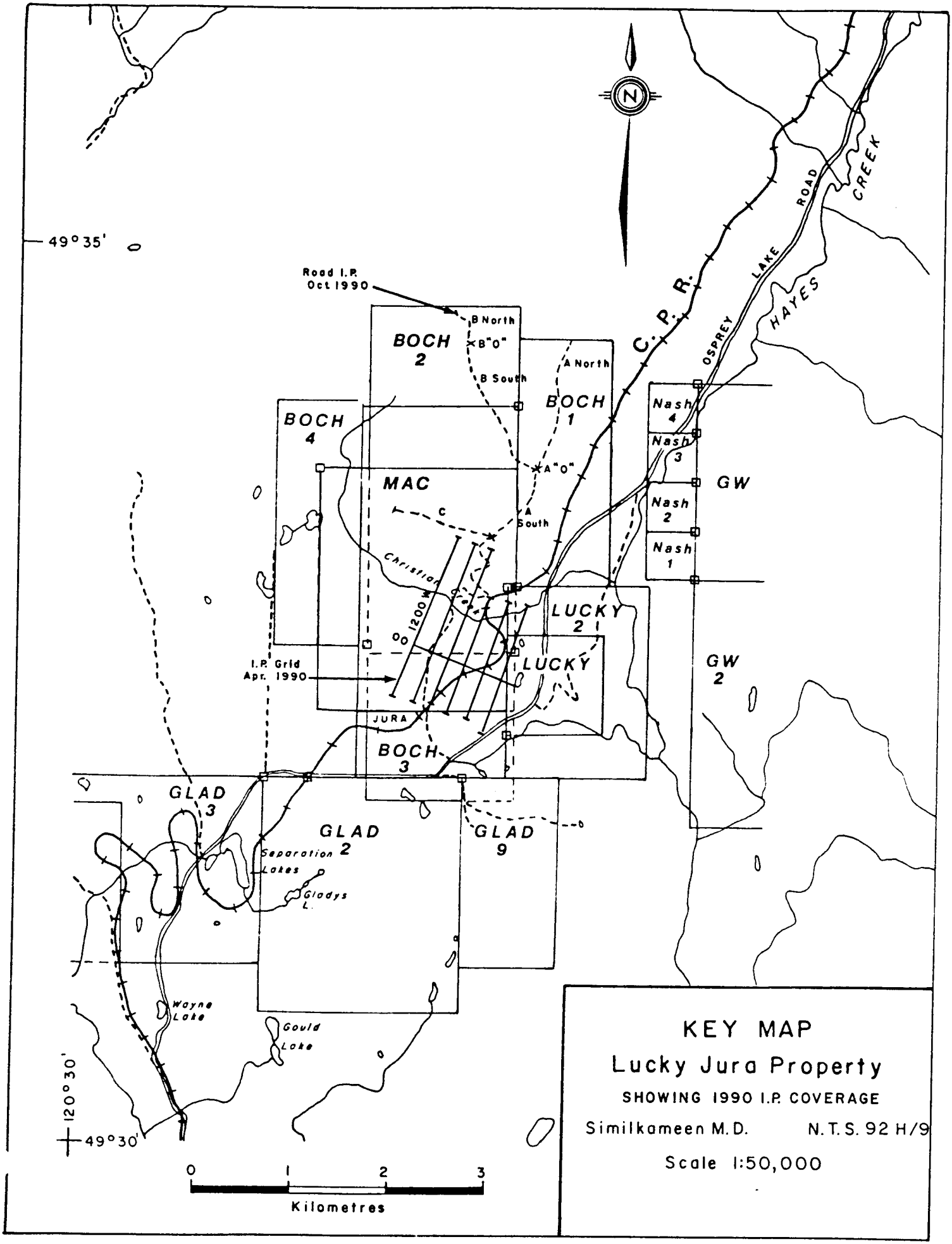

49°35'
Road I.P.
Oct 1990
B North
B "0"
B South
A North
A "0"
A South
C
BOCH 2
BOCH 1
BOCH 4
MAC
BOCH 3
LUCKY 2
LUCKY
JURA
Carlisle
1200 N
I.P. Grid
Apr. 1990
C.P.R.
OSPREY LAKE ROAD
HAYES CREEK
Nash 4
Nash 3
Nash 2
Nash 1
GW
GW 2
GLAD 3
GLAD 2
GLAD 9
Separation Lakes
Gladys L.
Wayne Lake
Gould Lake
120°30'
49°30'
0
1
2
3
Kilometres
KEY MAP
Lucky Jura Property
SHOWING 1990 I.P. COVERAGE
Similkameen M.D.
N.T.S. 92 H/9
Scale 1:50,000

figure 3

A Geometrics G816 total field proton precession magnetometer was used for the magnetometer survey, with a Geometrics G836 total field proton precession magnetometer as the base station, which was set up at the IP transmitter site. Both magnetometers were read during moves of the IP array, ie. when the transmitter was off. Total field magnetometer measurements were taken at 25 metre intervals and were corrected for diurnal drift with reference to a fixed base station.

All survey data was archived, processed, and plotted using a Toshiba 1200 microcomputer, using Scintrex Soft II, IGS, and proprietary software.

The survey in April was done with a pole-dipole array configuration. Readings were taken at an "a" spacing of 50 metres for N=1, 2, 3, 4 and 5. The station interval was 50 metres. In October the same array was used but readings were taken at an "a" spacing of 25 and 75 maters, both for N=1 and 2.

Presentation of Data

The IP for the April survey data is presented as pseudo-sections, and contour plans of chargeability and apparent resistivity (see Figures 5 to 8). The October survey is presented as pseudo-sections only. The pseudo-sections are presented at a scale of 1:5,000 for each of the survey lines, incorporating all the chargeability and calculated resistivity data. The chargeability values plotted on the pseudo-sections and contour plans are those from the eighth slice (M7 - 690 to 1050 milliseconds after shutoff, with a midpoint of 870 milliseconds). As indicated on the pseudo-sections, the current electrode positions are north of the receiving electrodes. The contour plan maps of chargeability and apparent resistivity for N=1 a=50m, are plotted at a scale of 1:5,000 with contour intervals of 2.5 mV/V and 100 ohm-metres respectively. Anomaly bars are plotted on the pseudo-sections, and are categorized as anomalous or weakly anomalous based on shape and chargeability. For this property, chargeabilities greater than 6 mV/V are considered weakly anomalous, greater than 10 mV/V are anomalous.

The corrected total field magnetic data is presented at a scale of 1:5,000 as a contour plan map, with a contour interval of 500 mT.

Discussion of Results

The April survey complements the IP survey done in 1959 by Kennco (Assessment Report 318). The 1959 survey found an IP high coinciding with outcrops of altered pyrite and chalcopyrite bearing volcanic rocks. The present survey detailed the western and southern boundaries of the IP high found in 1959. Weakly anomalous chargeability values are found on part of all the lines, anomalous values are restricted to the northern part ef lines 200 and 400 West. Resistivity values associated with the higher chargeabilities vary from 100 to 750 ohm-m. The ares of high IP effects is overburden covered and in analogy with the 1959 survey it is believed that the higher chargeabilities are caused by disseminated pyrite and/or chalcopyrite in hydcothermally altered volcanic rocks. The southern boundary of the IP high on lines 200, 400 and 600 West coincides

with a sharp drop of resistivities to the south. This probably reflects a fault contact between unaltered Princeton sediments to the south and altered, sulphidic volcanic rocks to the north.

The survey done in October failed to show any higher chargeability values.

VII PERCUSSION DRILLING

A total of 17 open hole percussion holes were completed from May 14 to 22, 1990. The purpose of the drilling was to test the overburden covered area where disseminated sulphides were indicated by Induced Polarization surveys in 1967 and 1990. The area drilled is west of all previous drilling in the Lucky area. Holes were spaced 150 m apart and all holes were drilled at -90 degrees.

Drill hole data are detailed in TABLE II below. Location of the holes is illustrated on Figure 9. Assay results and description of the chips can be found in Appendix I.

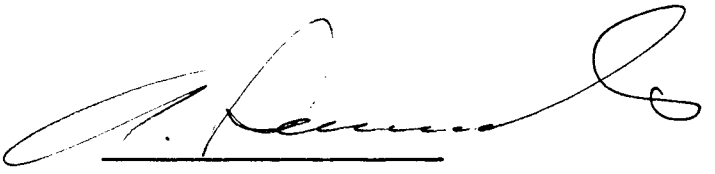
TABLE II DRILL HOLES

Hole No	Claim	Date	Coordinates		Overburden/ Total (m)	Length
90-1	Mac	May 14	0	150 N	3.6	91.5
90-2	Lucky	May 14	150 E	150 N	10.4	91.5
90-3	Lucky	May 15	150 E	300 N	2.7	91.5
90-4	Lucky	May 15	300 E	300 N	5.5	91.5
90-5	Lucky	May 15	300 E	150 N	2.4	91.5
90-6	Lucky	May 16	300 E	0	1.8	91.5
90-7	Lucky	May 16	415 E	65 S	2.1	91.5
90-8	Lucky	May 17	150 E	0	9.5	91.5
90-9	Mac	May 17	0	0	18	91.5
90-10	Mac	May 18	0	150 S	17.1	91.5
90-11	Mac	May 18	0	300 S	7.6	54.9
90-12	Mac	May 19	150 W	0	18.3	91.5
90-13	Mac	May 19	150 W	150 N	22.9	91.5
90-14	Lucky	May 20	150 E	150 S	2.1	91.5
90-15	Mac	May 21	300 W	120 N	2.1	91.5
90-16	Mac	May 21	260 W	280 N	46.00	46.0
90-17	Lucky	May 22	450 E	150 N	2.4	91.5
			TOTAL		1,473.4	

All holes, except hole 16 reached bedrock. Overburden varies from 2.1 m in hole 14 to over 46 metres in hole 16. Bedrock chips were logged with a binocular microscope, samples were taken every 3.05 m. The chips consist mostly of K-spar with fine grained sericite clusters and 1% to 3% very finely disseminated pyrite and occasional chalcopyrite. Magnetite, hematite, chlorite and epidote are only found in a few of the intervals. These minerals clearly indicate a very altered alkaline volcanic rock or fine grained intrusive rock. Samples for analysis were taken every 3.05 m (1/12 split of total cuttings). Every second sample was send to Cominco's laboratory, 1482 East Pender in Vancouver. Analysis was done for gold and copper (Aqua regia decomposition and atomic absorption spectrometry). Results indicate elevated copper values in most of the samples, most values range from 200 to 600 ppm Cu. Only a few of the samples contain more than 0.1% Cu. Best values were 0.17% Cu in hole 7 from 15.25-18.3 and from 27.45-30.5. Low copper values are largely associated with chlorite rich, propylitically altered rocks and with K-spar rich rocks without sericite. Higher copper values are mostly associated with K-spar/sericite rich rocks with 1-3% pyrite. Gold values athough low were anomalous and the best values are correlated to the higher copper values. The best gold value was 140 ppb Au in hole 3, associated with 0.125% Cu.

VIII CONCLUSIONS AND RECOMMENDATIONS

A total of seventeen percussion holes were sompleted over an overburden covered IP high to the west of an area where previous drilling and some outcrops indicated a copper rich hydrothermal alteration system. The holes intersected altered, alkaline rocks with elevated copper and gold contents. The copper and gold values are nevertheless too low to be of immediate economic interest. This years drilling and drill holes by previous operators are spaced close enough to preclude the existence of a oontiguous porphyry copper-gold deposit of sufficient size to be of interest to Cominco. Geometrically the possibilty for a small (perhaps 10-30 million Tons) deposit is still possible within the hydrothermal alteration zone on the property. Best potential for this would be east of the Osprey Road on the Lucky claim. Reconnaissance IP surveys did not indicate any additional anomalies on the property. No further work is recommended.

Reported by 

Andre M. Pauwels
Senior Geologist

Approved for Release _____

W. J. Wolfe
Manager, Exploration
Western Canada.

REFERENCES

Assessment Reports 318, 6292, 7476, 7795, 8600, 16135, 16265

1927,28 MMAR, Lucky Strike

Rice GSC Memoir 243, 1947

Dist: Cominco Files (1)
Mining Recorder (2)

APPENDIX

DRILL HOLE RECORDS

DRILL HOLE RECORD COMINCO LTD.

Property:	LUCKY-JURA	District:	Similkameen M.D.	Hole No.	90-1
Commenced:	May 15, 1990	Claim:	MAC		
Completed:	May 15, 1990	Core Size:	Percussion 2"	Logged by:	A.M. Pauwels
Co-ordinates:	0, 150N	Collar dip:	-90°	Date:	May, 1990
Objective:	to test IP anomaly	Length:	91.5 m		
Drilled by:	Al Miller Percussion Drilling Ltd.				

METERAGE FROM	TO	DESCRIPTION
0	3.6	Overburden.
3.6	21.3	Grey, green and white chips, a few pink (Kspar) chips with sericite, chlorite. Pyrite 0.5%, trace chalcopyrite, chalcopyrite increases to 0.2% at bottom of interval.
21.3	30.5	Translucent to pink feldspar chip, pale green sericite, 3% disseminated pyrite, trace chalcopyrite, epidote, trace hematite.
30.5	57.95	Pink to pale white, translucent Kspar grains, trace epidote, grey and green sericite, pyrite 2-3%, chalcopyrite trace.
57.95	67.1	Mostly white feldspar chips with small clusters of greenish sericite and with disseminated pyrite, 2% pyrite, trace of hematite, trace of chalcopyrite.
67.1	88.45	Green to grey chips, a few pink Kspar chips, dark green, very fine grained andesite chips, epidote chips, 3% disseminated pyrite, trace of hematite.
88.45	91.5	Predominantly pink Kspar chips, trace of pyrite, 3% hematite grains, cluster of pale sericite.
91.5		End of hole.

D R I L L H O L E R E C O R D

COMINCO LTD.

Property: LUCKY-JURA

MAC 90-1

METERAGE FROM	TO	SAMPLE ANALYSIS Cu (ppm)	Au (ppb)
3.66	9.15	172	<10
15.25	18.30	114	<10
21.35	24.40	334	<10
27.45	30.50	136	30
33.55	36.60	134	<10
39.65	42.70	116	<10
45.75	48.80	149	<10
51.85	54.90	186	<10
57.95	61.00	433	<10
64.05	67.10	427	<10
70.15	73.20	174	<10
76.25	79.30	194	<10
82.35	85.40	89	<10
88.45	91.50	57	<10

DRILL HOLE RECORD COMINCO LTD.

Property:	LUCKY-JURA	District:	Similkameen M.D.	Hole No.	90-2
Commenced:	May 15, 1990	Claim:	LUCKY		
Completed:	May 15, 1990	Core Size:	Percussion 2"	Logged by:	A.M. Pauwels
Co-ordinates:	150E, 150N	Collar dip:	-90°	Date:	May, 1990
Objective:	to test IP anomaly	Length:	91.5 m		
Drilled by:	Al Miller Percussion Drilling Ltd.				

METERAGE FROM	TO	DESCRIPTION
0	10.37	Overburden.
10.37	51.85	Predominantly pink Kspar chips with small clusters of grey-green sericite, 15% dark green very fine grained (andesite?) chips, trace of pyrite and magnetite.
51.85	76.25	Predominantly pink Kspar chips with sericite as above, some quartz chips and less (5%) dark green "andesite" chips, rare epidote, 0.5% disseminated pyrite. Pyrite increases to 1% past 65 m, trace of chalcopyrite.
76.25	91.5	Mottled grey green chips, mostly sericite with finely disseminated hematite or magnetite, 0.5% pyrite, trace chalcopyrite.
91.5		End of hole.

D R I L L H O L E R E C O R D

COMINCO LTD.

Property: LUCKY-JURA

LUCKY 90-2

SAMPLE ANALYSIS

METERAGE FROM	TO	Cu (ppm)	Au (ppb)
10.37	15.25	12	<10
15.25	18.30	9	<10
21.35	24.40	13	<10
27.45	30.50	11	<10
33.55	36.60	38	<10
39.65	42.70	16	<10
45.75	48.80	46	<10
51.85	54.90	57	<10
57.95	61.00	82	<10
64.05	67.10	108	<10
70.15	73.20	103	<10
76.25	79.30	153	<10
82.35	85.40	91	<10
88.45	91.50	92	<10

[I L L H O L E R E C O R D

COMINCO LTL

Property:	LUCKY-JURA	District:	Similkameen M.D.	Hole No.	90-3
Commenced:	May 16, 1990	Claim:	LUCKY		
Completed:	May 16, 1990	Core Size:	Percussion 2"	Logged by:	A.M. Pauwels
Co-ordinates:	150E, 300N	Collar dip:	-90°	Date:	May, 1990
Objective:	to test IP anomaly	Length:	91.5 m		
Drilled by:	Al Miller Percussion Drilling Ltd.				

METERAGE FROM	TO	DESCRIPTION
0	2.75	Overburden.
2.75	9.15	Weathered brown chips. Pale white to grey, feldspar/sericite chips 0.5% pyrite, trace of chalcopyrite.
9.15	91.5	Pink Kspar chips with grey sericite clusters and disseminated pyrite (2%), trace of chalcopyrite, trace of epidote.
91.5		End of hole.

D R I L L H O L E R E C O R D

COMINCO LTD.

Property: LUCKY-JURA

LUCKY 90-3

SAMPLE ANALYSIS

METERAGE FROM	TO	Cu (ppm)	Au (ppb)
2.75	6.10	71	<10
9.15	12.20	240	24
15.25	18.30	213	20
21.35	24.40	284	30
27.45	30.50	496	36
33.55	36.60	509	60
39.65	42.70	259	60
45.75	48.80	556	62
51.85	54.90	792	56
57.95	61.00	740	58
64.05	67.10	617	42
70.15	73.20	1250	140
76.25	79.30	815	60
82.35	85.40	656	44
88.45	91.50	511	36

L I L L H O L E R E C O R D COMINCO LTD.

Property:	LUCKY-JURA	District:	Similkameen M.D.	Hole No.	90-4
Commenced:	May 16, 1990	Claim:	LUCKY		
Completed:	May 16, 1990	Core Size:	Percussion 2"	Logged by:	A.M. Pauwels
Co-ordinates:	300E, 300N	Collar dip:	-90°	Date:	May, 1990
Objective:	to test IP anomaly	Length:	91.5 m		
Drilled by:	Al Miller Percussion Drilling Ltd.				

METERAGE FROM	TO	DESCRIPTION
0	5.5	Overburden, little weathering.
5.5	15.25	Pink feldspar chips with aggregates (10%) of grey green sericite, trace of hematite and pyrite.
15.25	30.5	Pink chips and grey chips, mottled with sericite, trace of epidote, chlorite, little sulphides.
30.5	60.5	Grey to green sericite flecked Kspar and plagioclase chips, 1% finely disseminated magnetite and 0.5-2% pyrite.
60.5	88.45	Pale pink - Kspar chips, with a little sericite, pyrite (<1%) associated with the sericite, trace of magnetite, grey green very fine grained (andesite?) chips.
88.45	91.5	Pink Kspar chips with a little grey-green sericite, 2% pyrite, trace of chalcopyrite and bornite.
91.5		End of hole.

D R I L L H O L E R E C O R D

COMINCO LTD.

Property: LUCKY-JURA

LUCKY 90-4

SAMPLE ANALYSIS

METERAGE FROM	TO	Cu (ppm)	Au (ppb)
5.49	9.15	23	<10
9.15	12.20	26	<10
15.25	18.30	22	<10
21.35	24.40	627	60
27.45	30.50	352	22
33.55	36.60	346	20
39.65	42.70	244	<10
45.75	48.80	268	20
51.85	54.90	314	<10
57.95	61.00	327	24
64.05	67.10	107	<10
70.15	73.20	45	<10
76.25	79.30	39	<10
82.35	85.40	93	<10
88.45	91.50	511	26

DRILL HOLE RECORD

COMINCO LTD.

Property:	LUCKY-JURA	District:	Similkameen M.D.	Hole No.	90-5
Commenced:	May 16, 1990	Claim:	LUCKY		
Completed:	May 16, 1990	Core Size:	Percussion 2"	Logged by:	A.M. Pauwels
Co-ordinates:	300E, 150N	Collar dip:	-90°	Date:	May, 1990
Objective:	to test IP anomaly	Length:	91.5 m		
Drilled by:	Al Miller Percussion Drilling Ltd.				

METERAGE FROM	TO	DESCRIPTION
0	2.4	Overburden.
2.4	27.45	Mottled, grey-green chips, plagioclase - chlorite, a few pink Kspar chips. Very finely disseminated pyrite (1%), trace of chalcopyrite.
27.45	48.8	Kspar chips, mottled with sericite, become predominant, also a few quartz chips, traces of pyrite, hematite and magnetite (1% oxides), quartz chips have associated chlorite and sericite (veins?).
48.8	91.5	Same as above but also variable admixture of dark green, very fine grained (andesite?) chips. These green chips are devoid of sulphides, also trace of epidote overall 1% hematite or magnetite, trace of pyrite.
91.5		End of hole.

D R I L L H O L E R E C O R D

COMINCO LTD.

Property: LUCKY-JURA

LUCKY 90-5

SAMPLE ANALYSIS

METERAGE FROM	TO	Cu (ppm)	Au (ppb)
2.44	6.10	116	36
9.15	12.20	316	32
15.25	18.30	120	20
21.35	24.40	142	20
27.45	30.50	37	<10
33.55	36.60	22	<10
39.65	42.70	40	<10
45.75	48.80	32	<10
51.85	54.90	30	20
57.95	61.00	23	<10
64.05	67.10	16	<10
70.15	73.20	14	<10
76.25	79.30	14	<10
82.35	85.40	20	<10
88.45	91.50	13	<10

DRILL HOLE RECORD

COMINCO Ltd.

Property:	LUCKY-JURA	District:	Similkameen M.D.	Hole No.	90-6
Commenced:	May 16, 1990	Claim:	LUCKY		
Completed:	May 16, 1990	Core Size:	Percussion 2"	Logged by:	A.M. Pauwels
Co-ordinates:	300E, 0	Collar dip:	-90°	Date:	May, 1990
Objective:	to test IP anomaly	Length:	91.5 m		
Drilled by:	Al Miller Percussion Drilling Ltd.				

METERAGE FROM	TO	DESCRIPTION
0	1.9	Overburden.
1.9	70.15	Grey to green to pink mottled chips with very fine grained pyrite (2%) and trace of chalcopyrite. Most chips are Kspar with chlorite and epidote.
70.15	91.5	Increased number of pure Kspar chips, otherwise the same as above, 1% pyrite.
90.15		End of hole.

D R I L L H O L E R E C O R D

COMINCO LTD.

Property: LUCKY-JURA

LUCKY 90-6

SAMPLE ANALYSIS

METERAGE FROM	TO	Cu (ppm)	Au (ppb)
1.83	6.10	108	<10
9.15	12.20	691	38
15.25	18.30	621	62
21.35	24.40	167	22
27.45	30.50	315	<10
33.55	36.60	243	<10
39.65	42.70	310	<10
45.75	48.80	142	<10
51.85	54.90	183	<10
57.95	61.00	185	<10
64.05	67.10	222	<10
70.15	73.20	301	20
76.25	79.30	321	<10
82.35	85.40	257	<10
88.45	91.50	249	<10

DRILL HOLE RECORD COMINCO LTD.

Property:	LUCKY-JURA	District:	Similkameen M.D.	Hole No.	90-7
Commenced:	May 17, 1990	Claim:	LUCKY		
Completed:	May 17, 1990	Core Size:	Percussion 2"	Logged by:	A.M. Pauwels
Co-ordinates:	415E, 65S	Collar dip:	-90°	Date:	May, 1990
Objective:	to test IP anomaly	Length:	91.5 m		
Drilled by:	Al Miller Percussion Drilling Ltd.				

METERAGE FROM	TO	DESCRIPTION
0	2.1	Overburden.
2.1	9.1	Very weathered to 9 m, with a few malachite coatings on limonitic grains.
9.1	46.0	Grey to light green chips, chlorite, quartz, plagioclase with sericite clots. Very fine grained pyrite and chalcopyrite (0.1% Cu) overall, 2% pyrite. Pyrite increases to maximum 3% in bottom intervals.
46.0	57.9	Grey to pale pink chips with small clots of sericite, 2% pyrite, trace of chalcopyrite. Chlorite rich samples have less pyrite.
57.9	67.1	Grey to pale green chips, feldspar-chlorite and sericite, pyrite 0.5% very finely disseminated.
67.1	91.5	Grey chips flecked with sericite and very fine grained pyrite, trace chalcopyrite. All sulphides are very fine grained.
91.5		End of hole.

D R I L L H O L E R E C O R D

COMINCO LTD.

Property: LUCKY-JURA

LUCKY 90-7

SAMPLE ANALYSIS

METERAGE FROM	TO	Cu (ppm)	Au (ppb)
2.14	6.10	603	30
9.15	12.20	561	32
15.25	18.30	1720	118
21.35	24.40	968	44
27.45	30.50	1700	60
33.55	36.60	577	50
39.65	42.70	649	58
45.75	48.80	121	26
51.85	54.90	105	<10
57.95	61.00	77	<10
64.05	67.10	765	26
70.15	73.20	617	20
76.25	79.30	685	<10
82.35	85.40	293	<10
88.45	91.50	266	<10

DRILL HOLE RECORD

COMINCO LTD.

Property:	LUCKY-JURA	District:	Similkameen M.D.	Hole No.	90-8
Commenced:	May 17, 1990	Claim:	LUCKY		
Completed:	May 17, 1990	Core Size:	Percussion 2"	Logged by:	A.M. Pauwels
Co-ordinates:	150E, 0	Collar dip:	-90°	Date:	May, 1990
Objective:	to test IP anomaly	Length:	91.5 m		
Drilled by:	Al Miller Percussion Drilling Ltd.				

METERAGE FROM	TO	DESCRIPTION
0	9.45	Overburden.
9.45	12.2	Small admixture of limonite chips and tarnished pyrite grains, overall little weathering.
12.2	42.7	Pale grey to whitish grains, Kspar-sericite, rare epidote, 5-10% pyrite, trace molybdenite, chalcopyrite, trace magnetite. Pyrite diminished to 3% below 21.0 m.
42.7	91.5	Mostly pink Kspar (and flecks of sericite), pyrite finely disseminated from 1-3%, trace of chalcopyrite, molybdenite. Chlorite becomes more important in last 20 m.
91.5		End of hole.

D R I L L H O L E R E C O R D

COMINCO LTD.

Property: LUCKY-JURA

LUCKY 90-8

SAMPLE ANALYSIS

METERAGE FROM	TO	Cu (ppm)	Au (ppb)
9.46	15.25	202	<10
15.25	18.30	148	<10
21.35	24.40	126	<10
27.45	30.50	151	<10
33.55	36.60	150	<10
39.65	42.70	190	<10
45.75	48.80	192	<10
51.85	54.90	204	<10
57.95	61.00	187	<10
64.05	67.10	136	<10
70.15	73.20	141	<10
76.25	79.30	145	<10
82.35	85.40	164	<10
88.45	91.50	179	<10

. .I L L H O L E R E C O R D COMINCO LTD.

Property:	LUCKY-JURA	District:	Similkameen M.D.	Hole No.	90-9
Commenced:	May 18, 1990	Claim:	MAC		
Completed:	May 18, 1990	Core Size:	Percussion 2"	Logged by:	A.M. Pauwels
Co-ordinates:	0, 0	Collar dip:	-90°	Date:	May, 1990
Objective:	to test IP anomaly	Length:	91.5 m		
Drilled by:	Al Miller Percussion Drilling Ltd.				

METERAGE FROM	TO	DESCRIPTION
0	18.0	Overburden, no weathering.
18.0	61.0	Grey to pink chips, Kspar with sericite clots. Pyrite disseminated, pyrite varies from 2% to 3% in various sample intervals.
61.0	91.5	Grey to pink chips, Kspar with 10% sericite, 1% pyrite. Chlorite increases with depth to 10%, traces of chalcopyrite. Last 3 metres has brick-red Kspar fragments with a little chlorite.
91.5		End of hole.

D R I L L H O L E R E C O R D

COMINCO LTD.

Property: LUCKY-JURA

MAC 90-9

SAMPLE ANALYSIS

METERAGE FROM	TO	Cu (ppm)	Au (ppb)
18.00	21.35	69	<10
21.35	24.40	70	<10
27.45	30.50	130	<10
33.55	36.60	97	<10
39.65	42.70	166	<10
45.75	48.80	193	<10
51.85	54.90	187	<10
57.95	61.00	246	<10
64.05	67.10	532	<10
70.15	73.20	509	<10
76.25	79.30	651	40
82.35	85.40	592	20
88.45	91.50	477	<10

DRILL HOLE RECORD

COMINCO LTD.

Property:	LUCKY-JURA	District:	Similkameen M.D.	Hole No.	90-10
Commenced:	May 18, 1990	Claim:	MAC		
Completed:	May 18, 1990	Core Size:	Percussion 2"	Logged by:	A.M. Pauwels
Co-ordinates:	0, 150S	Collar dip:	-90°	Date:	May, 1990
Objective:	to test IP anomaly	Length:	91.5 m		
Drilled by:	Al Miller Percussion Drilling Ltd.				

METERAGE FROM	TO	DESCRIPTION
0	17.0	Overburden, no weathering.
17.0	61.0	Chips are pink Kspar with a little sericite and rare secondary biotite and a little chlorite. Pyrite is finely disseminated in sericite, overall 1% pyrite. Pyrite increases to maximum 2% in some intervals.
61.0	91.3	Grey and pink Kspar grains with sericite clusters (5-10%), chlorite 5%, pyrite 1%, trace of epidote.
91.3		End of hole.

D R I L L H O L E R E C O R D

COMINCO LTD.

Property: LUCKY-JURA

MAC 90-10

SAMPLE ANALYSIS

METERAGE FROM TO	Cu (ppm)	Au (ppb)
17.08 - 21.35	145	<10
21.35 - 24.40	167	<10
27.45 - 30.50	119	<10
33.55 - 36.60	266	<10
39.65 - 42.70	270	<10
45.75 - 48.80	462	<10
51.85 - 54.90	407	<10
57.95 - 61.00	577	<10
64.05 - 67.10	501	<10
70.15 - 73.20	420	<10
76.25 - 79.30	336	36
82.35 - 85.40	550	28
88.45 - 91.50	963	100

DRILL HOLE RECORD COMINCO LTD.

Property:	LUCKY-JURA	District:	Similkameen M.D.	Hole No.	90-11
Commenced:	May 18, 1990	Claim:	MAC		
Completed:	May 18, 1990	Core Size:	Percussion 2"	Logged by:	A.M. Pauwels
Co-ordinates:	0, 300S	Collar dip:	-90°	Date:	May, 1990
Objective:	to test IP anomaly	Length:	54.9 m		
Drilled by:	Al Miller Percussion Drilling Ltd.				

METERAGE FROM	TO	DESCRIPTION
0	7.6	Overburden.
7.6	15.25	Slightly weathered pale pink chips with sericite clusters, 1.5% pyrite, trace of chalcopyrite, trace of chlorite, azurite coating on one grain.
15.25	54.9	Grey to greenish chips composed of Kspar, sericite and chlorite, 1% pyrite. A few purely pink grains (5%), trace of epidote. Traces of hematite and 1 grain of bornite at 54.0 m.
54.9		End of hole.

D R I L L H O L E R E C O R D

COMINCO LTD.

Property: LUCKY-JURA

MAC 90-11

SAMPLE ANALYSIS

METERAGE FROM	TO	Cu (ppm)	Au (ppb)
7.63	12.20	141	<10
15.25	18.30	195	<10
21.35	24.40	172	<10
27.45	30.50	242	<10
33.55	36.60	171	<10
39.65	42.70	149	<10
45.75	48.80	187	<10
51.85	54.90	248	<10

DRILL HOLE RECORD

COMINCO Ltd.

Property:	LUCKY-JURA	District:	Similkameen M.D.	Hole No.	90-12
Commenced:	May 18, 1990	Claim:	MAC		
Completed:	May 18, 1990	Core Size:	Percussion 2"	Logged by:	A.M. Pauwels
Co-ordinates:	150W, 0	Collar dip:	-90°	Date:	May, 1990
Objective:	to test IP anomaly	Length:	91.5 m		
Drilled by:	Al Miller Percussion Drilling Ltd.				

METERAGE FROM	TO	DESCRIPTION
0	18.3	Overburden.
18.3	91.5	No weathering. Pale grey and pink chips, 5% disseminated pyrite, very fine grained. Very small specks and clots of sericite and chlorite, trace of hematite and chalcopyrite. Sulphides diminish to 3% below 50.0 m and to 1% below 60.0 m.
91.5		End of hole.

D R I L L H O L E R E C O R D

COMINCO LTD.

Property: LUCKY-JURA

MAC 90-12

SAMPLE ANALYSIS

METERAGE FROM	TO	Cu (ppm)	Au (ppb)
18.30	21.35	157	<10
21.35	24.40	178	<10
27.45	30.50	217	<10
33.55	36.60	315	<10
39.65	42.70	252	<10
45.75	48.80	170	<10
51.85	54.90	274	<10
57.95	61.00	605	24
64.05	67.10	1210	44
70.15	73.20	1130	42
76.25	79.30	570	<10
82.35	85.40	493	<10
88.45	91.50	393	<10

DRILL HOLE RECORD

COMINCO Ltd.

Property:	LUCKY-JURA	District:	Similkameen M.D.	Hole No.	90-13
Commenced:	May 19, 1990	Claim:	MAC		
Completed:	May 19, 1990	Core Size:	Percussion 2"	Logged by:	A.M. Pauwels
Co-ordinates:	150W, 150N	Collar dip:	-90°	Date:	May, 1990
Objective:	to test IP anomaly	Length:	91.5 m		
Drilled by:	Al Miller Percussion Drilling Ltd.				

METERAGE FROM	TO	DESCRIPTION
0	22.8	Overburden.
22.8	54.9	No weathering. Grey to pink feldspar grains with flecks and clusters of sericite and chlorite. Disseminated pyrite and rare chalcopyrite, 2-3% sulphides, trace of magnetite, rare epidote with the feldspar grains.
54.9	91.5	Greenish chips. Increasing amount of finely grained chlorite (10-30%) in feldspar chips. Sulphides (pyrite, trace chalcopyrite) total 1%. Perhaps a contact between syenite and altered andesite.
91.5		End of hole.

D R I L L H O L E R E C O R D

COMINCO LTD.

Property: LUCKY-JURA

MAC 90-13

SAMPLE ANALYSIS

METERAGE FROM	TO	Cu (ppm)	Au (ppb)
22.88	27.45	78	<10
27.45	30.50	78	<10
33.55	36.60	93	<10
39.65	42.70	165	<10
45.75	48.80	276	<10
51.85	54.90	638	<10
57.95	61.00	1920	58
64.05	67.10	364	<10
70.15	73.20	453	<10
76.25	79.30	229	<10
82.35	85.40	147	<10
88.45	91.50	299	<10

L I L L H O L E R E C O R D

COMINCO LTD.

Property:	LUCKY-JURA	District:	Similkameen M.D.	Hole No.	90-14
Commenced:	May 19, 1990	Claim:	LUCKY		
Completed:	May 19, 1990	Core Size:	Percussion 2"	Logged by:	A.M. Pauwels
Co-ordinates:	150E, 150S	Collar dip:	-90°	Date:	May, 1990
Objective:	to test IP anomaly	Length:	91.5 m		
Drilled by:	Al Miller Percussion Drilling Ltd.				

METERAGE FROM	TO	DESCRIPTION
0	1.5	Overburden.
1.5	21.5	Some weathering to 11.0 m. Green chips in various stages of oxidation. Finely grained chlorite/feldspar with disseminated, very fine grained pyrite and some epidote. Probably propylitically altered andesite.
21.5	51.85	Chlorite diminishes, mostly sericite from 31.5 m on, grey to pink chips, very fine grained pyrite (2%). Small admixture of mostly pink grains (Kspar).
51.85	91.5	Grey, sericite and chlorite flecked grains and pink sericite flecked grains. All with finely disseminated pyrite (1%) and trace of chalcopyrite.
91.5		End of hole.

D R I L L H O L E R E C O R D

COMINCO LTD.

Property: LUCKY-JURA

LUCKY 90-14

SAMPLE ANALYSIS

METERAGE FROM	TO	Cu (ppm)	Au (ppb)
1.53	6.10	547	<10
9.15	12.20	133	<10
15.25	18.30	130	<10
21.35	24.40	93	<10
27.45	30.50	102	<10
33.55	36.60	85	<10
39.65	42.70	51	<10
45.75	48.80	25	<10
51.85	54.90	244	<10
57.95	61.00	207	<10
64.05	67.10	251	<10
70.15	73.20	321	<10
76.25	79.30	229	<10
82.35	85.40	190	<10
88.45	91.50	108	<10

DRILL HOLE RECORD COMINCO LTD.

Property:	LUCKY-JURA	District:	Similkameen M.D.	Hole No.	90-15
Commenced:	May 20, 1990	Claim:	MAC		
Completed:	May 20, 1990	Core Size:	Percussion 2"	Logged by:	A.M. Pauwels
Co-ordinates:	300W, 120N	Collar dip:	-90°	Date:	May, 1990
Objective:	to test IP anomaly	Length:	91.5 m		
Drilled by:	Al Miller Percussion Drilling Ltd.				

METERAGE FROM	TO	DESCRIPTION
0	2.14	Overburden.
2.14	27.45	Weathering to 9.15 m. Pink feldspar grains with flecks of sericite and chlorite (5%). Finely disseminated pyrite (1%).
27.45	91.5	Both pink and grey chips, flecked with sericite and chlorite, pyrite increases to 2%.
91.5		End of hole.

D R I L L H O L E R E C O R D

COMINCO LTD.

Property: LUCKY-JURA

MAC 90-15

SAMPLE ANALYSIS

METERAGE FROM	TO	Cu (ppm)	Au (ppb)
2.14	6.10	75	<10
9.15	12.20	66	<10
15.25	18.30	76	<10
21.35	24.40	132	<10
27.45	30.50	153	<10
33.55	36.60	359	<10
39.65	42.70	224	<10
45.75	48.80	301	<10
51.85	54.90	411	<10
57.95	61.00	739	56
64.05	67.10	534	40
70.15	73.20	408	38
76.25	79.30	276	30
82.35	85.40	212	<10
88.45	91.50	226	<10

RILL HOLE RECORD

COMINCO LTD.

Property:	LUCKY-JURA	District:	Similkameen M.D.	Hole No.	90-16
Commenced:	May 21, 1990	Claim:	MAC		
Completed:	May 21, 1990	Core Size:	Percussion 2"	Logged by:	A.M. Pauwels
Co-ordinates:		Collar dip:	-90°	Date:	May, 1990
Objective:	to test IP anomaly	Length:	46.0 m		
Drilled by:	Al Miller Percussion Drilling Ltd.				

METERAGE FROM	TO	DESCRIPTION
0	46.0	Overburden.

DRILL HOLE RECORD

COMINCO Ltd.

Property:	LUCKY-JURA	District:	Similkameen M.D.	Hole No.	90-17
Commenced:	May 22, 1990	Claim:	LUCKY		
Completed:	May 22, 1990	Core Size:	Percussion 2"	Logged by:	A.M. Pauwels
Co-ordinates:	450E, 150N	Collar dip:	-90°	Date:	May, 1990
Objective:	to test IP anomaly	Length:	91.5 m		
Drilled by:	Al Miller Percussion Drilling Ltd.				

METERAGE FROM	TO	DESCRIPTION
0	2.44	Overburden.
2.44	91.5	Some weathering to 9.1 m. Pale green grains with feldspar and chlorite and epidote. Very rare, disseminated, very finely grained pyrite (0.2%). A few pink feldspar grains with flecks of sericite.
91.5		End of hole.

D R I L L H O L E R E C O R D

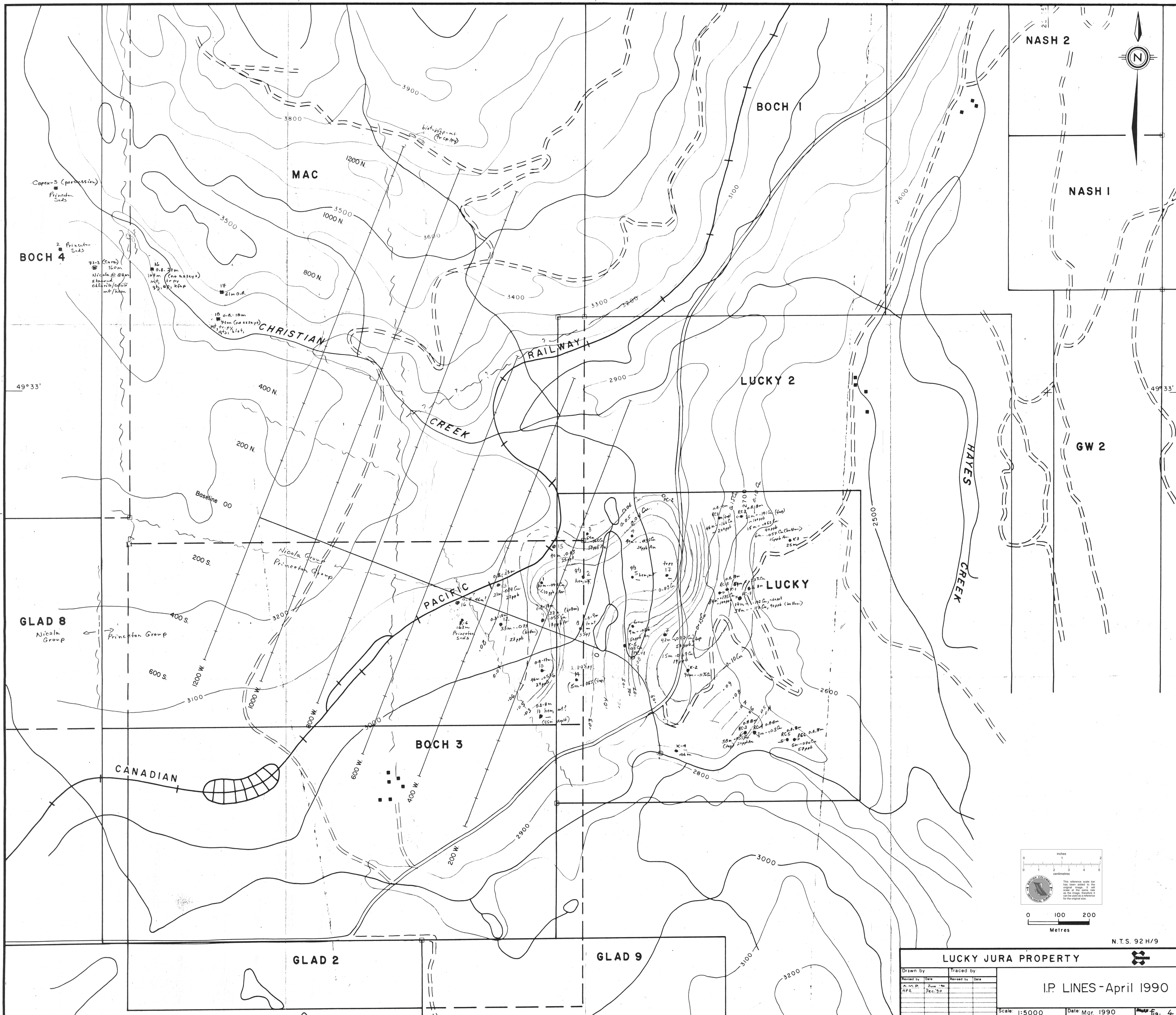
COMINCO LTD.

Property: LUCKY-JURA

LUCKY 90-17

SAMPLE ANALYSIS

METERAGE FROM	TO	Cu (ppm)	Au (ppb)
2.44	6.10	31	<10
9.15	12.20	18	<10
15.25	18.30	135	<10
21.35	24.40	55	<10
27.45	30.50	57	<10
33.55	36.60	59	<10
39.65	42.70	89	<10
45.75	48.80	38	<10
51.85	54.90	82	<10
57.95	61.00	84	<10
64.05	67.10	83	<10
70.15	73.20	111	<10
76.25	79.30	141	<10
82.35	85.40	103	<10
88.45	91.50	38	<10



NASH 2
NASH 1
BOCH 1
MAC
BOCH 4
LUCKY 2
GW 2
LUCKY
HAYES CREEK
CHRISTIAN CREEK
RAILWAY
PACIFIC
CANADIAN
GLAD 8
BOCH 3
GLAD 2
GLAD 9
Nicola Group
Princeton Group
Baseline 00
1200 N.
1000 N.
800 N.
400 N.
200 N.
200 S.
400 S.
600 S.
1200 W.
1000 W.
800 W.
600 W.
400 W.
200 W.
49°33'
N.T.S. 92 H/9
0 100 200
Metres
LUCKY JURA PROPERTY
I.P. LINES - April 1990
Scale: 1:5000
Date: Mar. 1990
Fig. 4

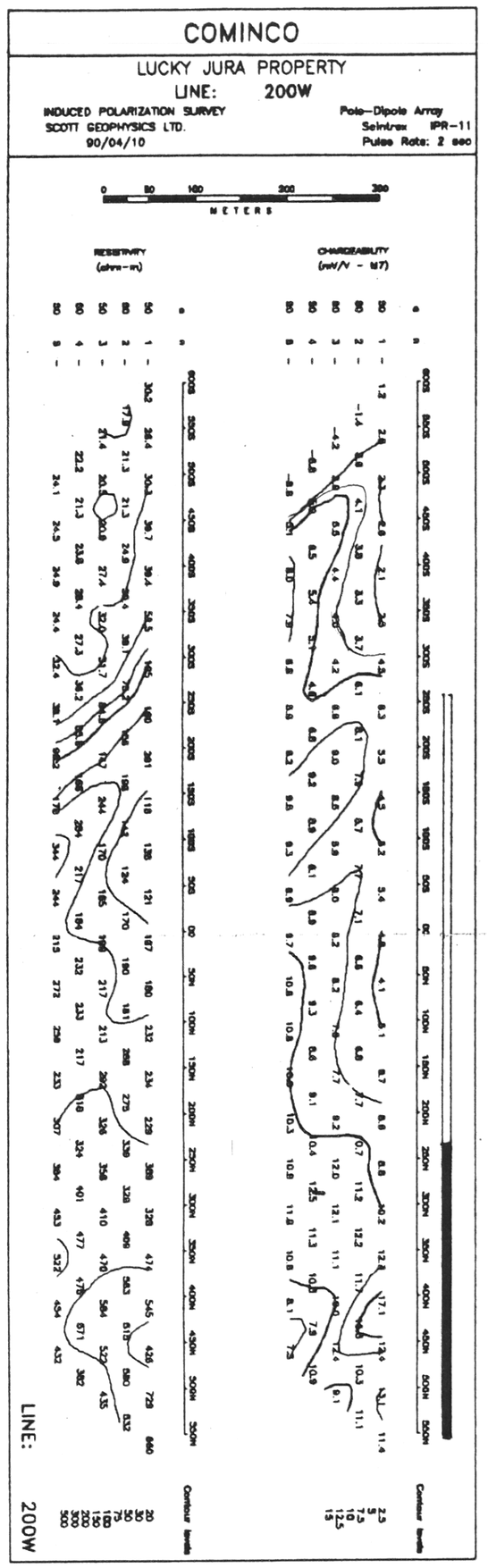
COMINCO

LUCKY JURA PROPERTY

LINE: 200W

INDUCED POLARIZATION SURVEY
SCOTT GEOPHYSICS LTD.
90/04/10

Pole–Dipole Array
Scintrex IPR-11
Pulse Rate: 2 sec



LINE: 200W

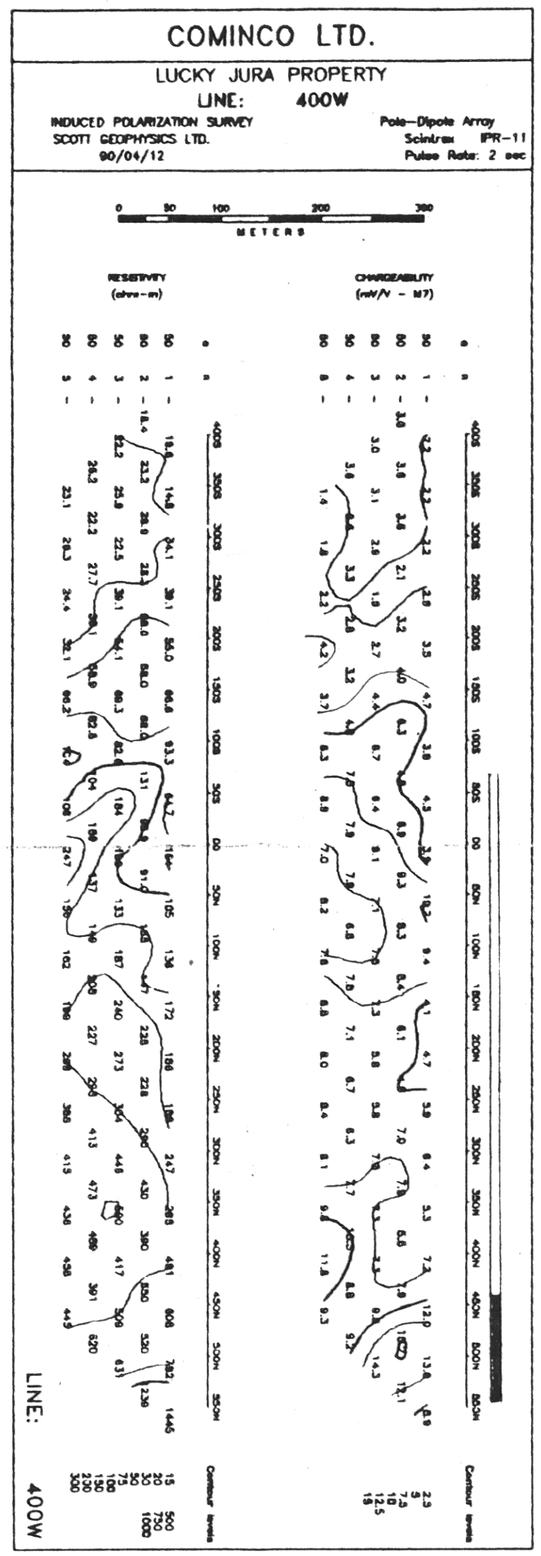
COMINCO LTD.

LUCKY JURA PROPERTY

LINE: 400W

INDUCED POLARIZATION SURVEY
SCOTT GEOPHYSICS LTD.
90/04/12

Pole–Dipole Array
Scintrex IPR-11
Pulse Rate: 2 sec



LINE: 400W

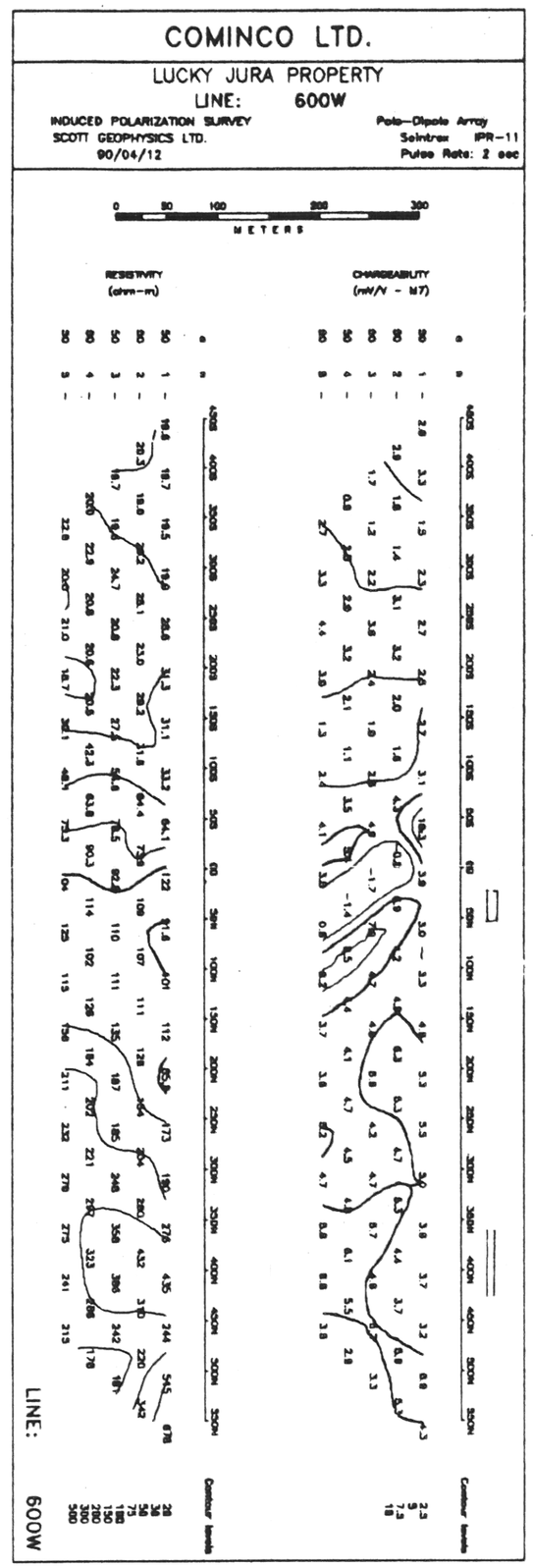
COMINCO LTD.

LUCKY JURA PROPERTY

LINE: 600W

INDUCED POLARIZATION SURVEY
SCOTT GEOPHYSICS LTD.
90/04/12

Pole–Dipole Array
Scintrex IPR-11
Pulse Rate: 2 sec



LINE: 600W

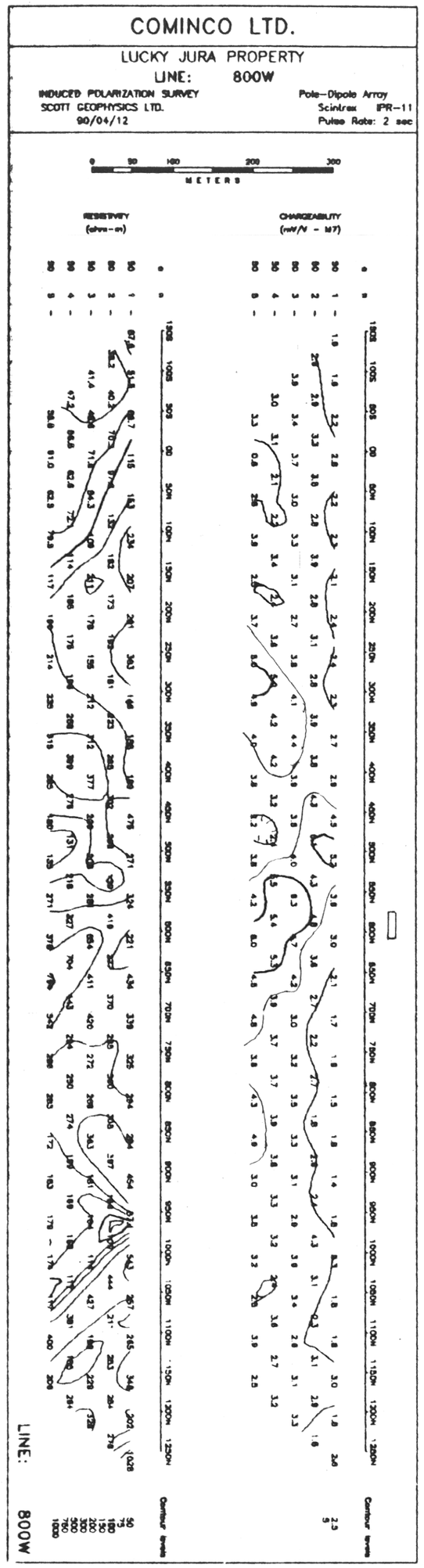
COMINCO LTD.

LUCKY JURA PROPERTY

LINE: 800W

INDUCED POLARIZATION SURVEY
SCOTT GEOPHYSICS LTD.
90/04/12

Pole–Dipole Array
Scintrex IPR-11
Pulse Rate: 2 sec



LINE: 800W

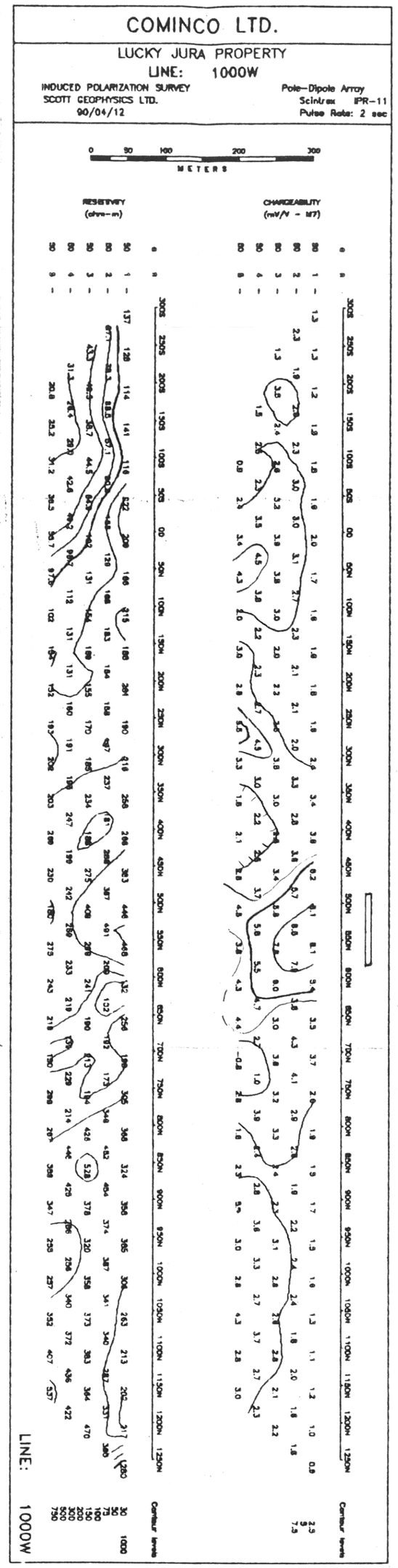
COMINCO LTD.

LUCKY JURA PROPERTY

LINE: 1000W

INDUCED POLARIZATION SURVEY
SCOTT GEOPHYSICS LTD.
90/04/12

Pole–Dipole Array
Scintrex IPR-11
Pulse Rate: 2 sec



LINE: 1000W

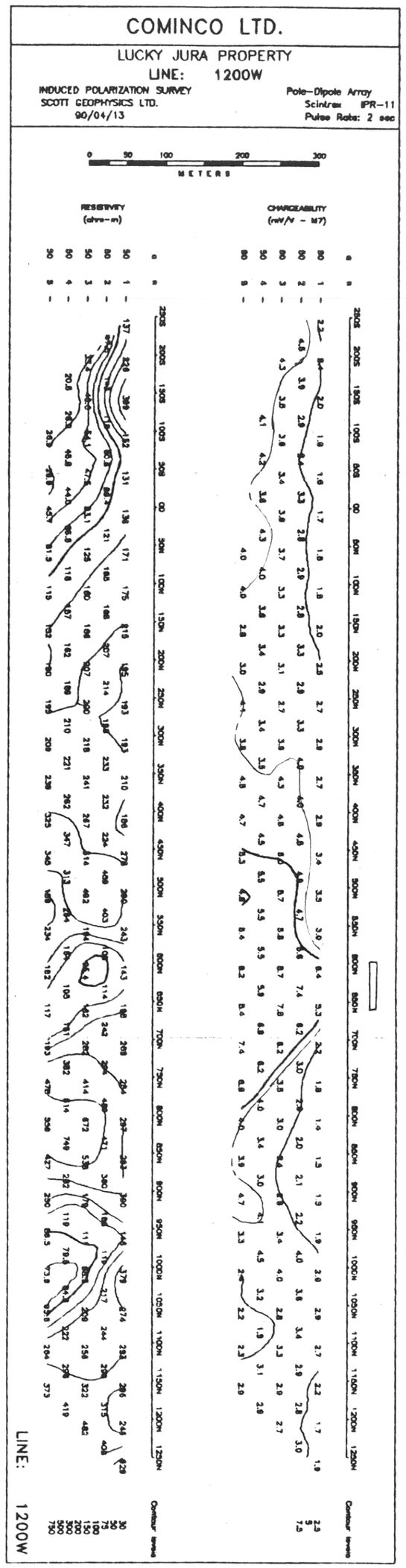
COMINCO LTD.

LUCKY JURA PROPERTY

LINE: 1200W

INDUCED POLARIZATION SURVEY
SCOTT GEOPHYSICS LTD.
90/04/13

Pole–Dipole Array
Scintrex IPR-11
Pulse Rate: 2 sec



LINE: 1200W

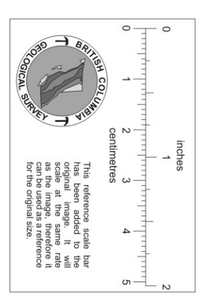


Fig. 5

1000

500

0

-500

+ 3.0 + 1.6 + 1.5
+ 2.8 + 1.6 + 2.9
+ 2.9 + 2.0 + 3.1
+ 3.4 + 1.8 + 2.3
+ 3.6 + 2.4 + 3.1
+ 4.0 + 2.4 + 4.3
+ 2.2 + 2.2 + 2.4
+ 2.1 + 1.9 + 2.6
+ 2.0 + 2.6 + 1.8
+ 2.6 + 2.9 + 2.7
+ 3.0 + 4.1 + 2.2
+ 6.2 + 4.3 + 2.7
+ 7.4 + 3.8 + 3.6
+ 5.6 + 7.9 + 4.8
+ 4.7 + 8.5 + 4.3
+ 4.9 + 5.7 + 5.1
+ 4.5 + 3.6 + 4.3
+ 4.0 + 2.8 + 3.8
+ 4.0 + 3.3 + 3.9
+ 3.3 + 2.0 + 2.8
+ 2.9 + 2.1 + 3.1
+ 3.3 + 2.1 + 2.8
+ 2.8 + 2.3 + 3.9
+ 2.9 + 2.7 + 2.8
+ 2.8 + 3.1 + 3.5
+ 3.3 + 3.0 + 3.3
+ 2.4 + 3.0 + 2.9
+ 2.9 + 2.3 + 2.6
+ 3.9 + 2.6
+ 4.5 + 1.9
+ 2.3

+ 5.3 + 12.1 + 11.1
+ 5.9 + 15.2 + 10.3
+ 3.7 + 7.9 + 15.3
+ 4.4 + 5.5 + 11.7
+ 5.3 + 7.9 + 12.2
+ 4.7 + 7.0 + 11.2
4.9 + 10.7
+ 6.3 + 6.1 + 7.7
+ 4.9 + 8.4 + 6.8
+ 4.2 + 8.3 + 6.4
+ 6.9 + 9.3 + 6.6
+ 6.8 + 7.1
+ 4.3 + 4.8 + 7.7
+ 1.6 + 6.3 + 5.7
+ 2.0 + 4.0 + 7.9
+ 3.2 + 3.2 + 8.1
+ 3.1 + 2.1 6.1
+ 1.4 + 3.6 + 3.7
+ 1.6 + 3.6 + 3.3
+ 2.9 + 3.6 + 3.8
+ 4.1
+ 3.6
+ -1.3

5 6 5 6 5 10 6 5

0.8-2.6m 2% py
2% py
OB-2.1m
OB-10.4
2
0.5% py
OB-3.6m
2-3% py
8
0.8-9.
3% py
OB-22.3m
13
2% py
0.8-4.6m
OB-18m
2% py
OB-19.3m
OB-17m
1% py
OB-7.6m
11
1% py

COMINCO
LUCKY JURA PROPERTY

INDUCED POLARIZATION SURVEY
5 A Spc:50,50,50,50,50 Eff.Sep:1,2,3,4,5
Field: M7 Sep: 2
DATE:April 15, 1990
Scale 1:5000 User:Alan Scott

Scott Geophysics Ltd.

0 100 200 300 m

inches
0 1
0 1 2
centimetres

This reference scale bar has been added to the original image. It will scale at the same rate as the image, therefore it can be used as a reference for the original size.

1000 N

500 N

0

-500

-1000 W

-500 W

COMINCO
LUCKY JURA PROPERTY

INDUCED POLARIZATION SURVEY
5 A Spc:50,50,50,50,50 Eff,Sep:1,2,3,4,5
Field: RHO Sep: 2
DATE:April 15, 1990
Scale 1:5000 User:Alan Scott

Scott Geophysics Ltd.

0 100 200 300 m

inches
0 1
0 1 2
centimetres

This reference scale bar has been added to the original image. It will scale at the same rate as the image, therefore it can be used as a reference for the original size.

C-7

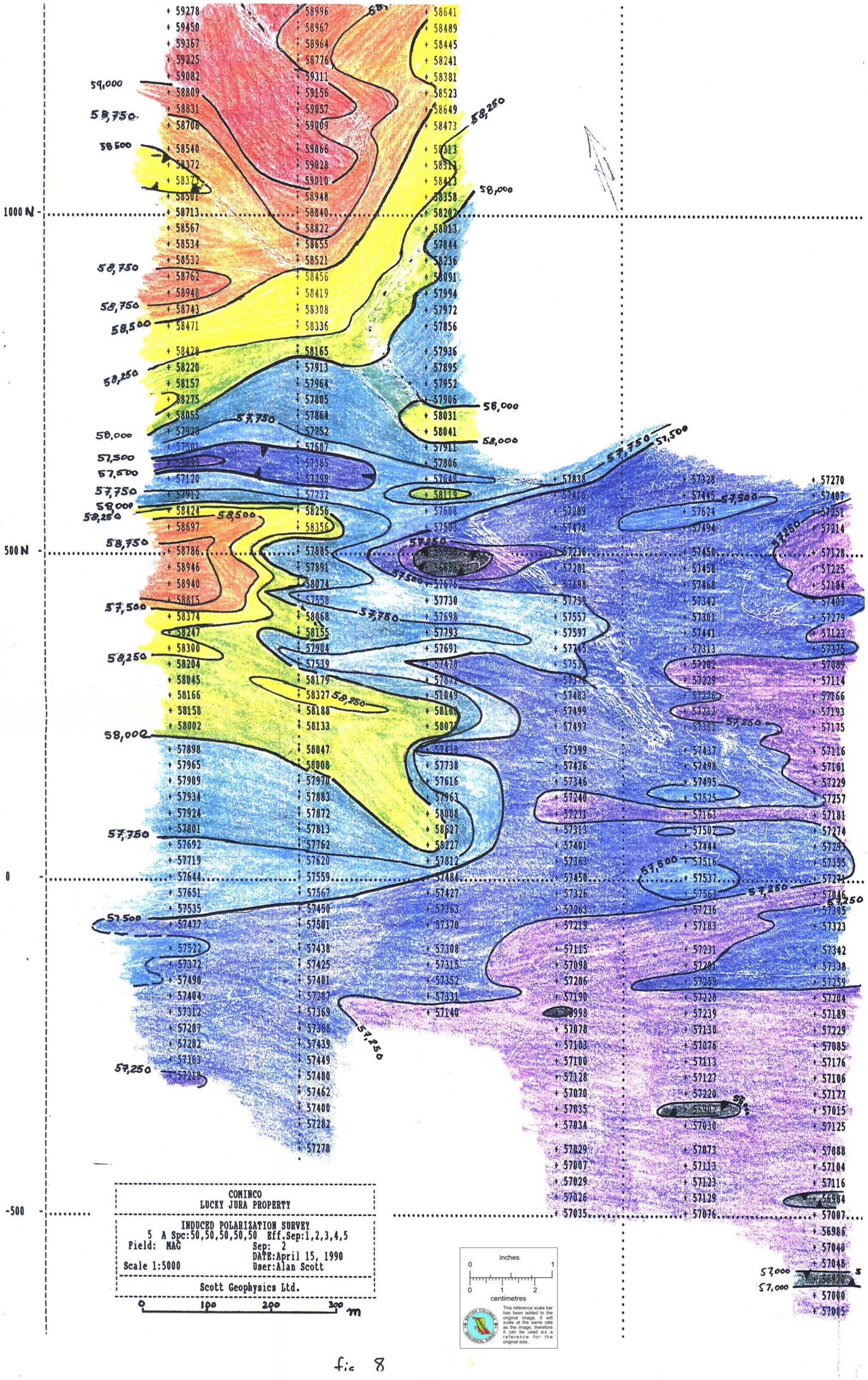
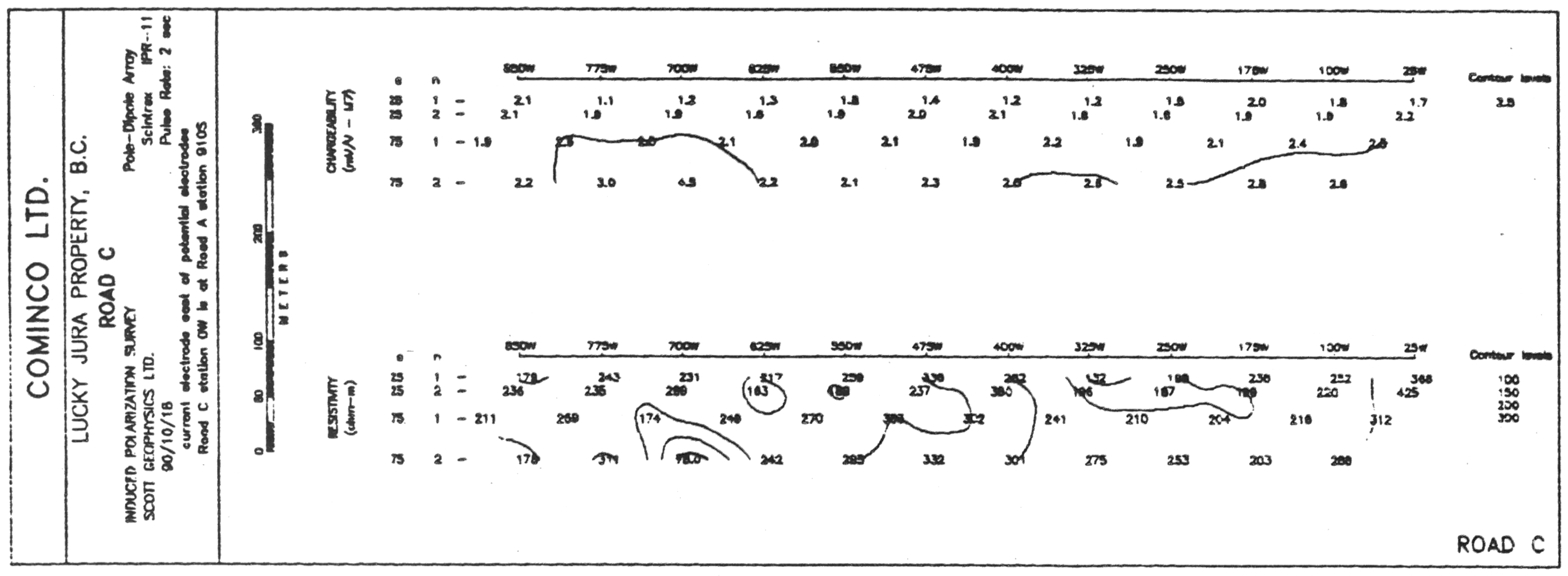
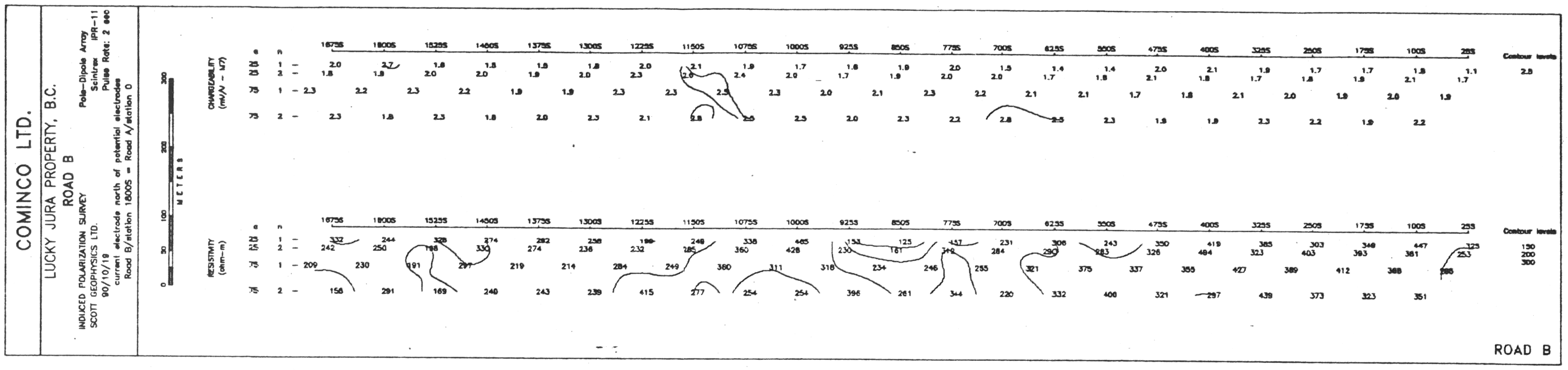
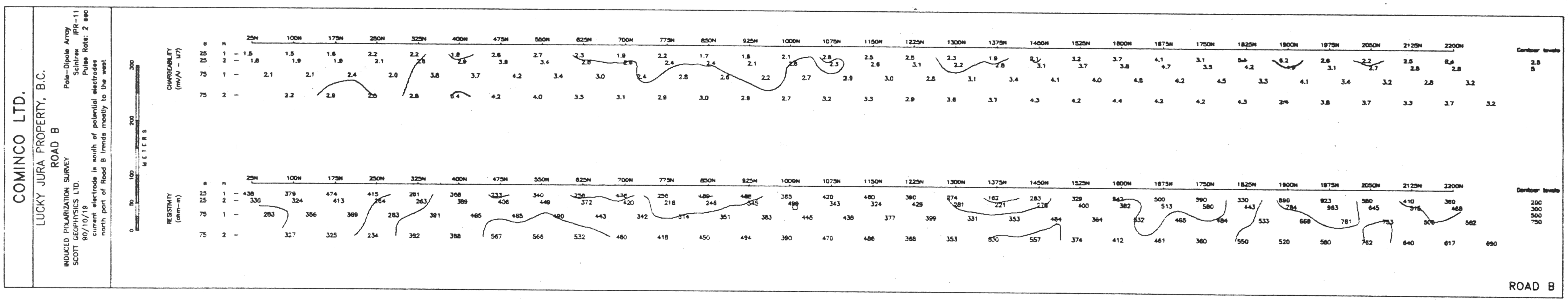
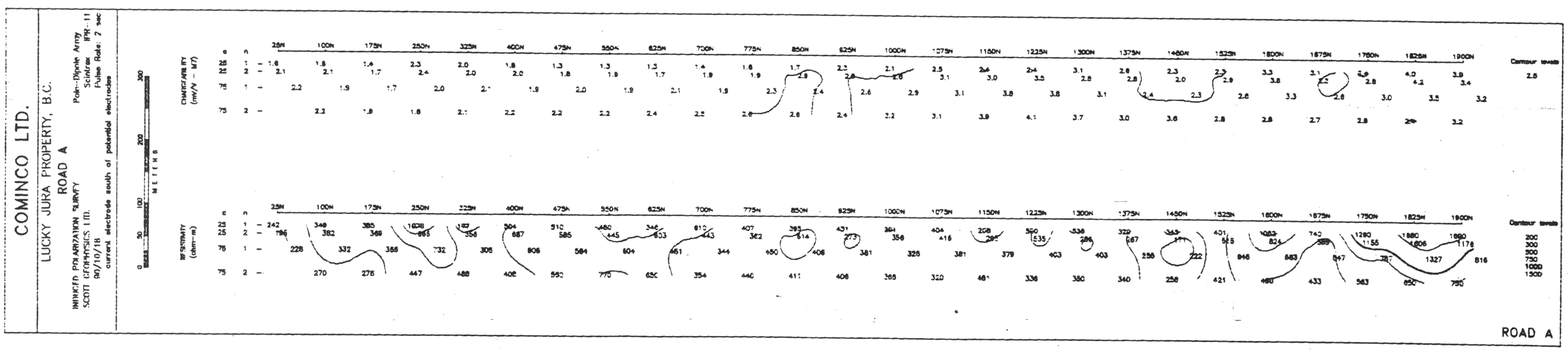

1000 N
500 N
0
-500
59,000
58,750
58,500
58,250
58,000
57,750
57,500
57,250
COMINCO
LUCKY JURA PROPERTY
INDUCED POLARIZATION SURVEY
5 A Spc:50,50,50,50,50 Bff.Sep:1,2,3,4,5
Field: MAG
Sep: 2
DATE:April 15, 1990
Scale 1:5000
User:Alan Scott
Scott Geophysics Ltd.
0 100 200 300 m
inches
0 1
0 1 2
centimetres
This reference scale bar has been added to the original image. It will scale at the same rate as the image, therefore it can be used as a reference for the original size.

fig 8


COMINCO LTD.
LUCKY JURA PROPERTY, B.C.
ROAD C
INDUCED POLARIZATION SURVEY
SCOTT GEOPHYSICS LTD.
90/10/18
Pole-Dipole Array
Scintrex IPR-11
Pulse Rate: 2 sec
current electrode east of potential electrodes
Road C station 0W is at Road A station 910S
CHARGEABILITY (mV/V - M7)
RESISTIVITY (ohm-m)
METERS
Contour levels
ROAD C


COMINCO LTD.
LUCKY JURA PROPERTY, B.C.
ROAD B
INDUCED POLARIZATION SURVEY
SCOTT GEOPHYSICS LTD.
90/10/19
Pole-Dipole Array
Scintrex IPR-11
Pulse Rate: 2 sec
current electrode north of potential electrodes
Road B/station 1800S = Road A/station 0
CHARGEABILITY (mV/V - M7)
RESISTIVITY (ohm-m)
METERS
Contour levels
ROAD B


COMINCO LTD.
LUCKY JURA PROPERTY, B.C.
ROAD B
INDUCED POLARIZATION SURVEY
SCOTT GEOPHYSICS LTD.
90/10/19
Pole-Dipole Array
Scintrex IPR-11
Pulse Rate: 2 sec
current electrode is south of potential electrodes
north part of Road B trends mostly to the west
CHARGEABILITY (mV/V - M7)
RESISTIVITY (ohm-m)
METERS
Contour levels
ROAD B


COMINCO LTD.
LUCKY JURA PROPERTY, B.C.
ROAD A
INDUCED POLARIZATION SURVEY
SCOTT GEOPHYSICS LTD.
90/10/18
Pole-Dipole Array
Scintrex IPR-11
Pulse Rate: 2 sec
current electrode south of potential electrodes
CHARGEABILITY (mV/V - M7)
RESISTIVITY (ohm-m)
METERS
Contour levels
ROAD A

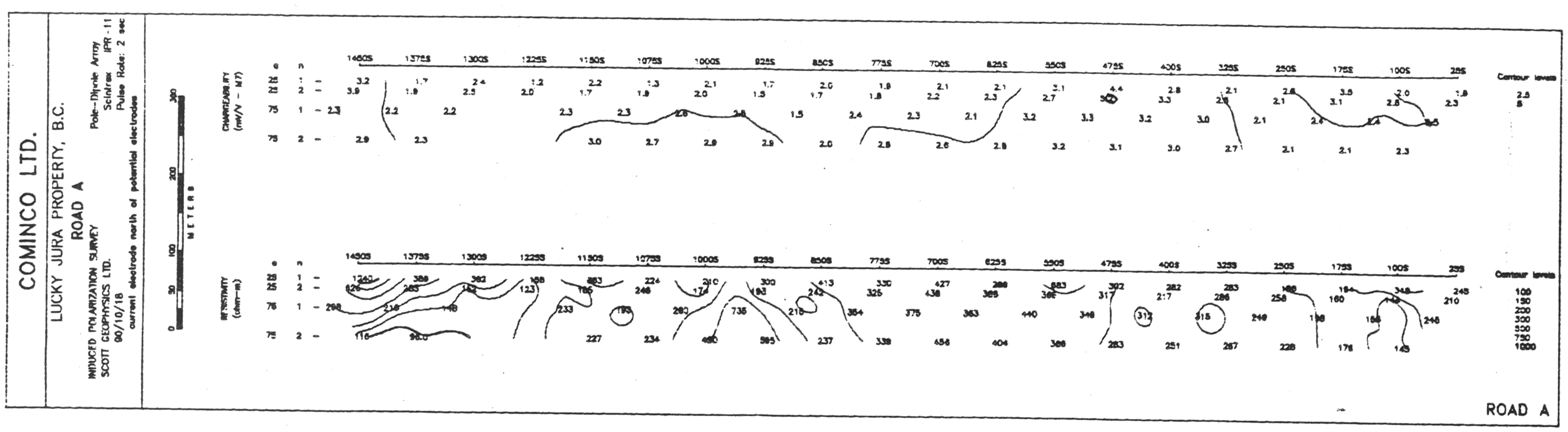

COMINCO LTD.
LUCKY JURA PROPERTY, B.C.
ROAD A
INDUCED POLARIZATION SURVEY
SCOTT GEOPHYSICS LTD.
90/10/18
Pole-Dipole Array
Scintrex IPR-11
Pulse Rate: 2 sec
current electrode north of potential electrodes
CHARGEABILITY (mV/V - M7)
RESISTIVITY (ohm-m)
METERS
Contour levels
ROAD A

fig. 9

NASH 2

NASH 1

BOCH 1

BOCH 4

MAC

L 1866

L 1506

L 3773

LAKE ROAD

OSPREY CREEK

CHRISTIAN CREEK

RAILWAY

HAYES CREEK

LUCKY 2

L 1192

GW 2

L 3776

L 940

LUCKY

GLAD 8

L 1514

L 1402

PACIFIC

Unaltered (Nicola?)

Nicola Princeton Sediments (±100 m. thick)

altered

Fence

BOCH 3

CANADIAN JURA

Crimmon Ranch

L 1155

L 1509

L 3849

GLAD 2

L 971

GLAD 9

L 978

To Princeton

3900 3800 3500 3600 3400 3300 3200 3100 3000 2900 2800 2700 2600 2500

49°33'

120°25'

300 W 150 W 150 E 300 E 450 E

90-1 90-2 90-3 90-4 90-5 90-6 90-7 90-8 90-9 90-10 90-11 90-12 90-13 90-14 90-15 90-16 90-17

PC-1 PC-2

RC 87-1 RC 87-2 RC 87-3 RC 87-4 RC 87-5 RC 87-6 RC 87-7 RC 87-8

K-1 K-2 K-3 K-4

CS-1 CS-2 CS-3 CS-4 CS-5 CS-6 CS-7

300 N 150 N 00 150 S 300 S

MINERAL DYKE

N

CLAIM BOUNDARY

LOT BOUNDARY

PERCUSSION DRILL HOLE Cominco - 1990

K-2 D.D.H. Kennco 1959

RC 87-4 Reverse Circ. Hole Mingold 1987

PC-1 D.D.H. Union Oil 1978

CS-1 Percussion D.H. Can. Superior 1979

Percussion D.H. Copex 1973

Declination (1990) = 20° E

0 100 200

Metres

Similkameen Mining District

N.T.S. 92 H/9

LUCKY JURA PROPERTY

DRILLING

Drawn by: APR	Traced by:
Revised by / Date: APR Dec. '90	Revised by / Date:

Scale: 1:5000 | Date: Mar. 1990 | Plate: Fig. 10

NCI - 117 - C.L.

FORM 210 0880