FALCONBRIDGE LIMITED
701 - 1281 West Georgia Street
Vancouver, B.C. V6E 3J7

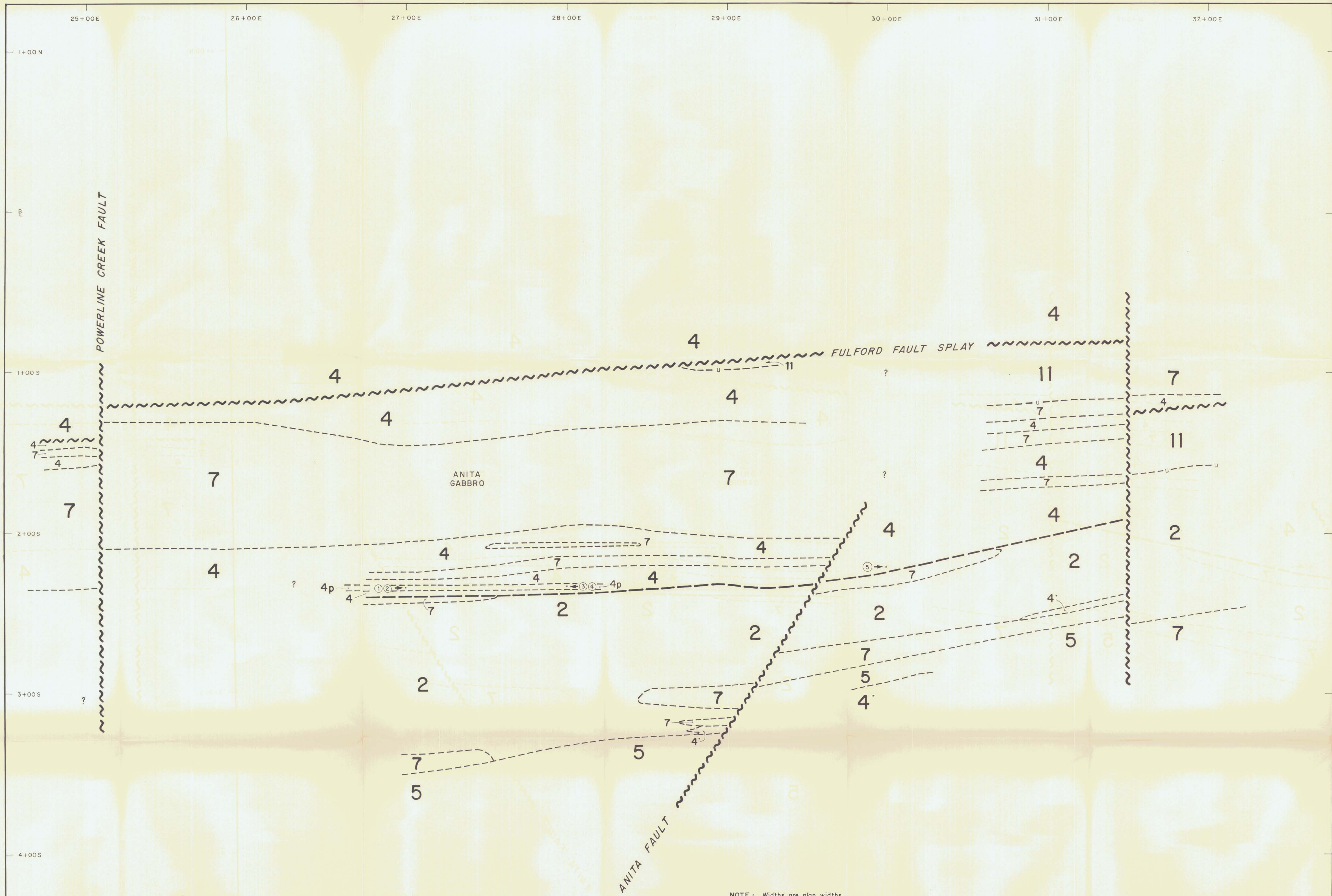
1988 INTERIM DRILLING REPORT

CHEMAINUS JOINT VENTURE

PROJECT 116, 92B/13W

PLANS AND SECTIONS VOLUME 3 of 3

SEPTEMBER, 1988



LEGEND

11	Nanaimo Group sediments
7	Mafic intrusive
5	Sedimentary rocks
4p	Semi-massive sulphides
4	Felsic volcanic rocks
2	Mafic volcanic rocks
---	Geological contact
~~	Fault
① ➝	Assay sample location
u	Unconformity
—	Felsic-mafic contact
G	Geophysical interpretation

NOTE: Widths are plan widths.

Number	Cu (%)	Pb (%)	Zn (%)	Ag (g/t)	Au (g/t)	Width (m)	Distance above/below Plane (m)
1	2.30	0.42	3.66	67.5	1.64	3.5	41.5
2	0.39	<0.01	<0.01	2.9	0.12	1.5	-5.0
3	1.64	0.50	1.42	28.8	0.30	3.5	31.5
4	1.59	<0.01	0.04	8.9	0.20	3.5	-4.0
5	0.44	0.06	3.94	29.4	2.04	1.4	-41.8

FALCONBRIDGE LIMITED

CHEMAINUS JOINT VENTURE

ANITA AREA GEOLOGY PLAN

400m ELEVATION

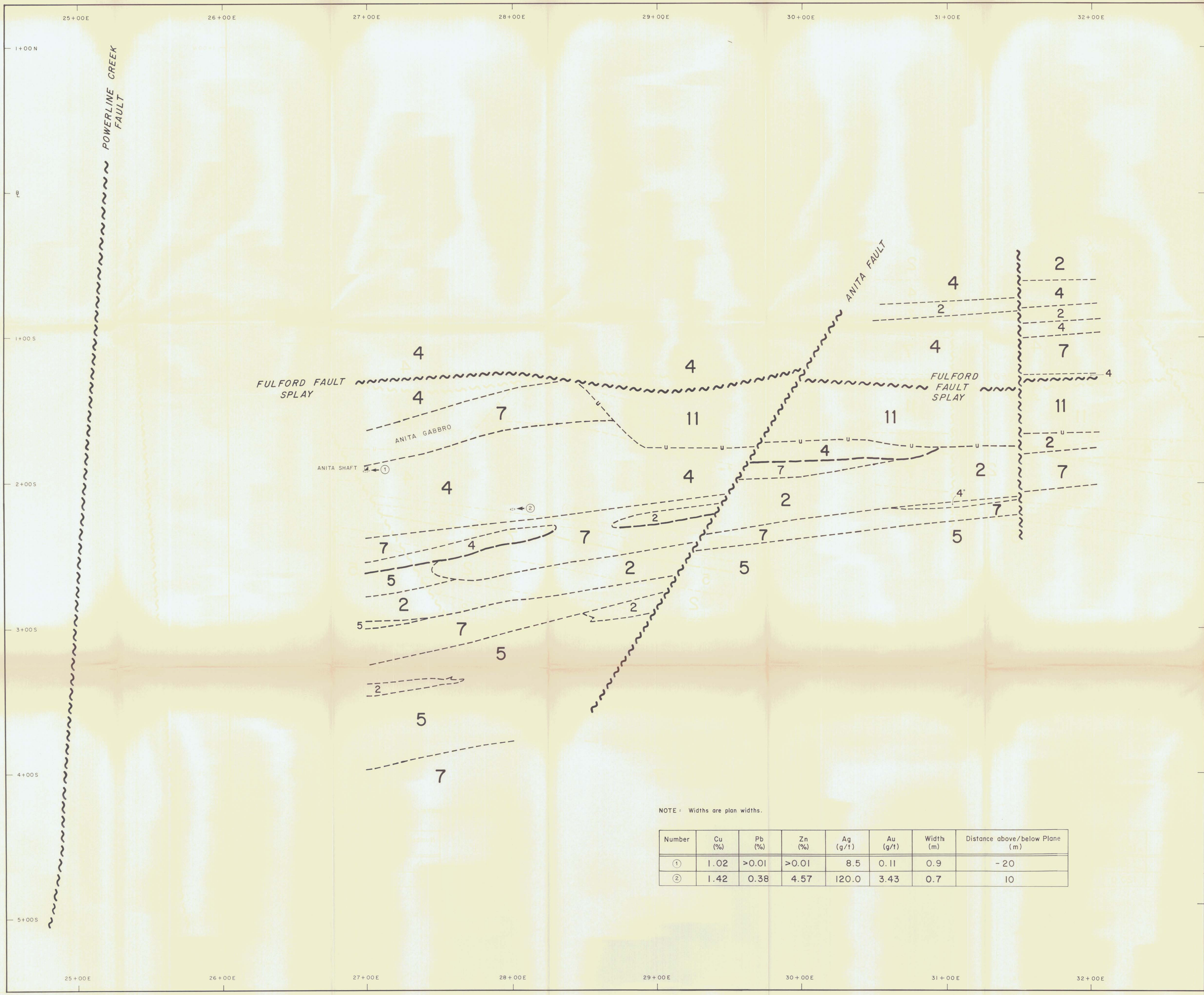
Proj 116

WORK BY	DRAWN BY	
JMP, DPM, SGE	VJG	DATE: June 1988

20 0 20 40 60 80

SCALE IN METRES 1 : 1000

Figure: 7



NOTE: Widths are plan widths.

Number	Cu (%)	Pb (%)	Zn (%)	Ag (g/t)	Au (g/t)	Width (m)	Distance above/below Plane (m)
1	1.02	>0.01	>0.01	8.5	0.11	0.9	-20
2	1.42	0.38	4.57	120.0	3.43	0.7	10

TRUE NORTH

GRID NORTH

LEGEND

11	Nanaimo Group sediments
7	Mafic intrusive
5	Sedimentary rocks
4p	Semi-massive sulphides
4	Felsic volcanic rocks
2	Mafic volcanic rocks

Geological contact

Fault

Assay sample location

u Unconformity

Felsic - mafic contact

G Geophysical interpretation

FALCONBRIDGE LIMITED

CHEMAINUS JOINT VENTURE

ANITA AREA GEOLOGY PLAN

500m ELEVATION

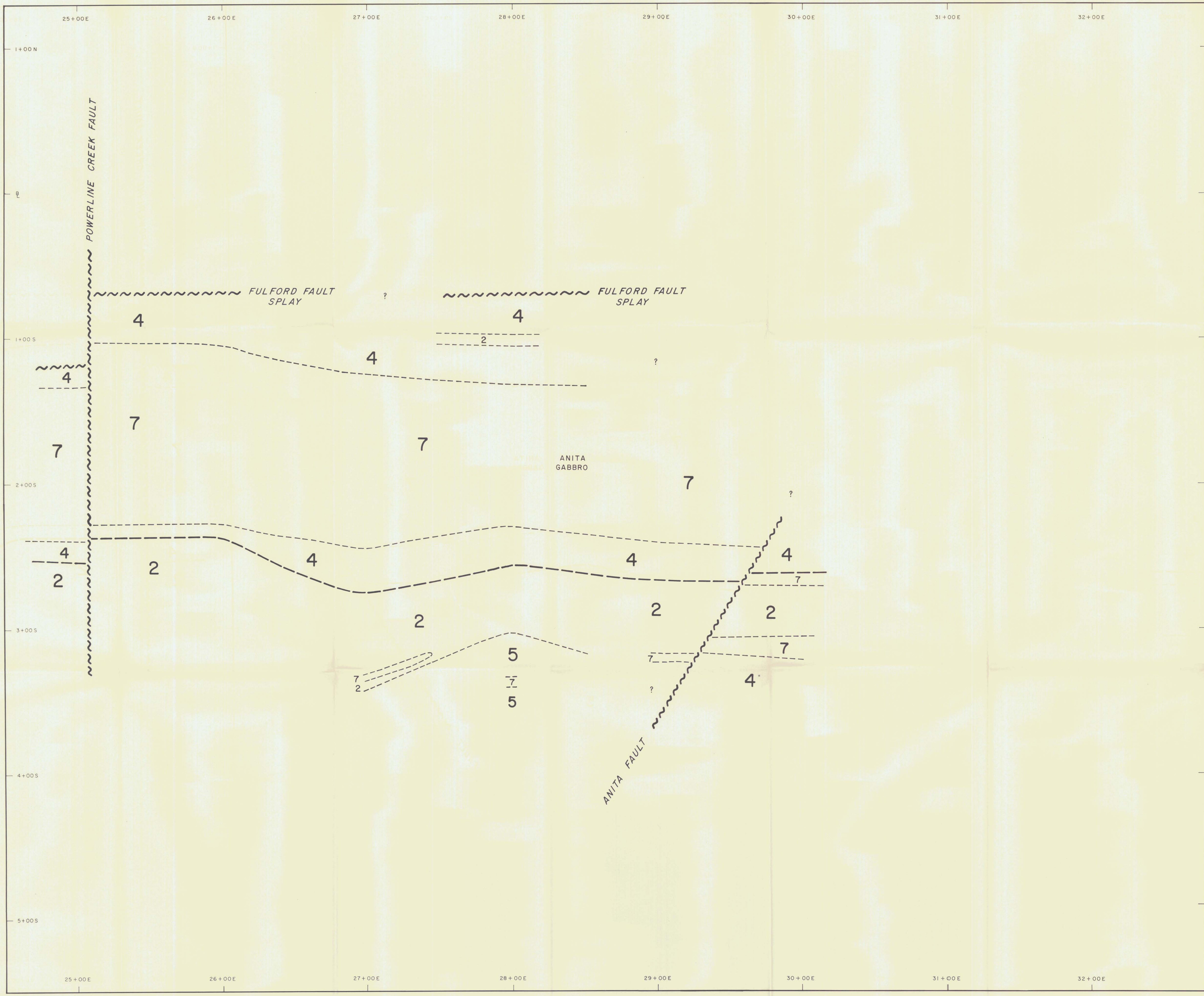
Proj. 116

WORK BY	DRAWN BY	DATE
JMP, DPM, SGE	VJG	June 1988

SCALE IN METRES 1 : 1000

20 0 20 40 60 80

Figure: 8



LEGEND

11	Nanaimo Group sediments
7	Mafic intrusive
5	Sedimentary rocks
4p	Semi-massive sulphides
4	Felsic volcanic rocks
2	Mafic volcanic rocks

Geological contact
Fault
Assay sample location
u Unconformity
Felsic-mafic contact
G Geophysical interpretation

FALCONBRIDGE LIMITED

CHEMAINUS JOINT VENTURE

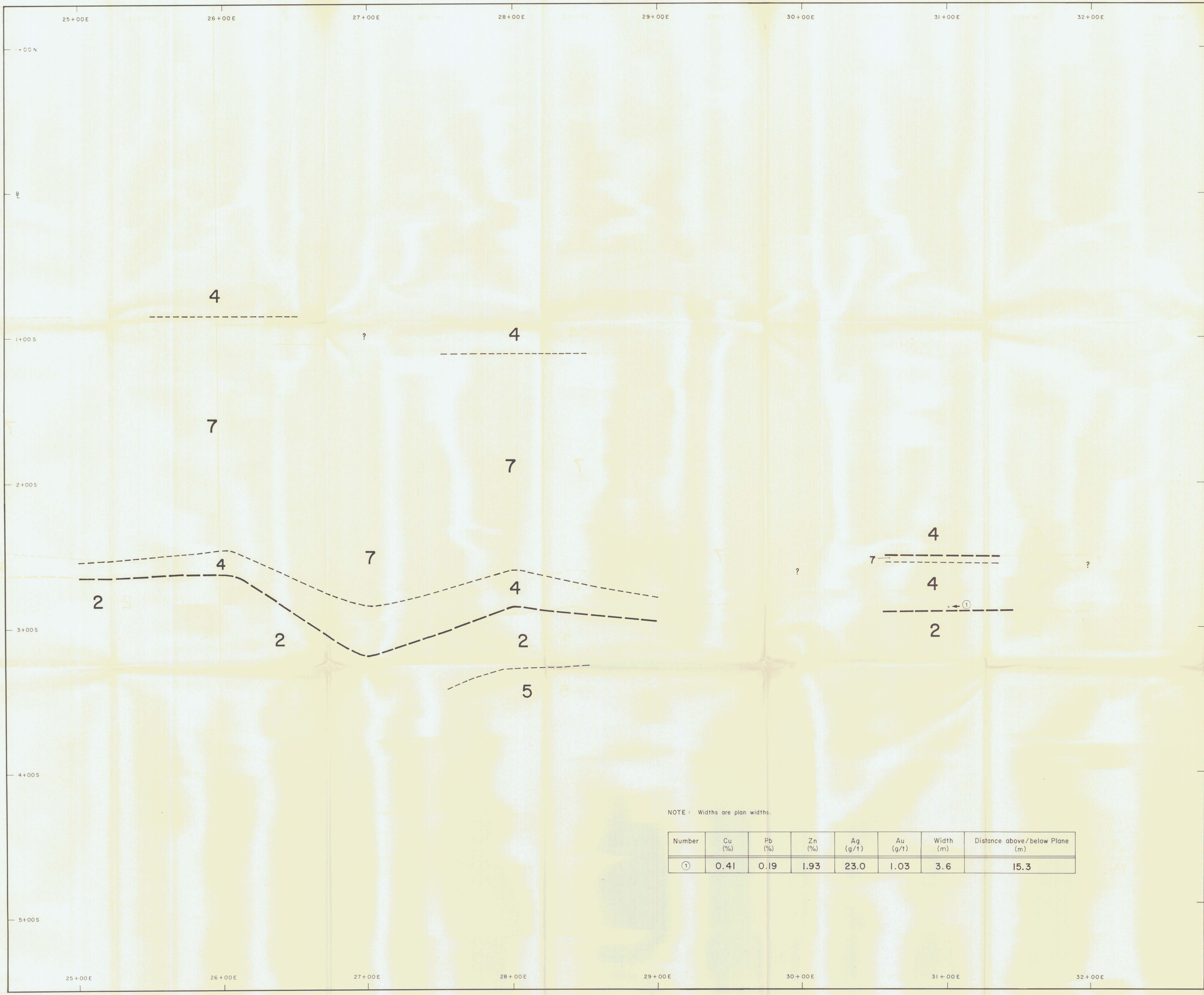
ANITA AREA GEOLOGY PLAN
300m ELEVATION

Proj 116

WORK BY	DRAWN BY	DATE: June 1988
JMP, DPM, SGE	VJG	

SCALE IN METRES 1 : 1000

Figure: 9



NOTE: Widths are plan widths.

Number	Cu (%)	Pb (%)	Zn (%)	Ag (g/t)	Au (g/t)	Width (m)	Distance above/below Plane (m)
1	0.41	0.19	1.93	23.0	1.03	3.6	15.3

LEGEND

11	Nanaimo Group sediments
7	Mafic intrusive
5	Sedimentary rocks
4p	Semi-massive sulphides
4	Felsic volcanic rocks
2	Mafic volcanic rocks

- – – Geological contact
- ~~ Fault
- (1) ◄ Assay sample location
- u Unconformity
- — — Felsic-mafic contact
- G Geophysical interpretation

FALCONBRIDGE LIMITED

CHEMAINUS JOINT VENTURE

ANITA AREA GEOLOGY PLAN

200 m ELEVATION

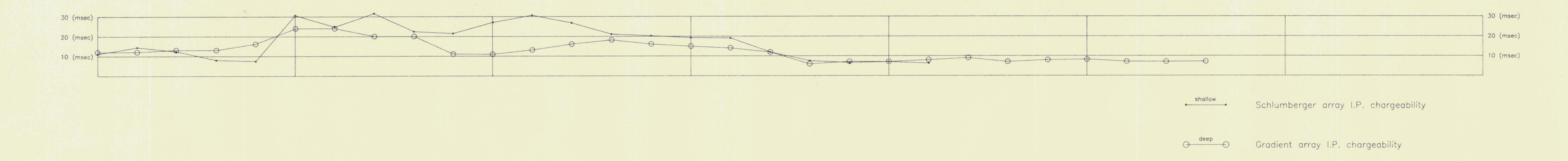
Proj 116

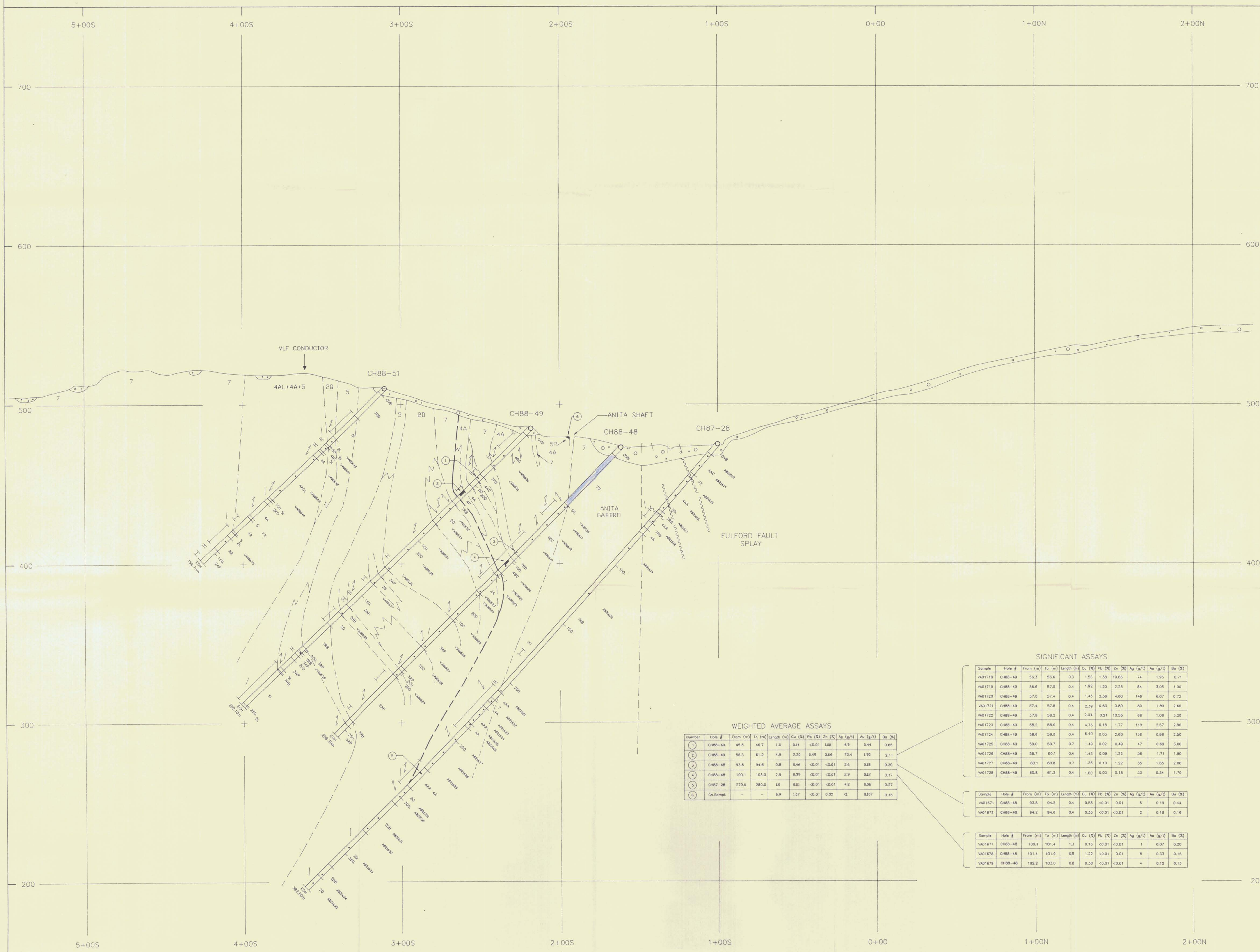
WORK BY	DRAWN BY	DATE
JMP, DPM, SGE	VJG	June 1988

20 0 20 40 60 80

SCALE IN METRES 1:1000

Figure: 10





WEIGHTED AVERAGE ASSAYS

Number	Hole #	From (m)	To (m)	Length (m)	Cu (%)	Pb (%)	Zn (%)	Ag (g/t)	Au (g/t)	Ba (%)
1	CH88-49	45.8	46.7	1.0	0.14	<0.01	1.00	4.9	0.44	0.65
2	CH88-49	56.3	61.2	4.9	2.30	0.49	3.66	73.4	1.90	2.11
3	CH88-48	93.8	94.6	0.8	0.46	<0.01	<0.01	3.6	0.18	0.30
4	CH88-48	100.1	103.0	2.9	0.39	<0.01	<0.01	2.9	0.12	0.17
5	CH87-28	279.0	280.0	1.0	0.21	<0.01	<0.01	4.2	0.06	0.27
6	Ch.Sampl.	–	–	0.9	1.07	<0.01	0.02	<1	0.107	0.16

SIGNIFICANT ASSAYS

Sample	Hole #	From (m)	To (m)	Length (m)	Cu (%)	Pb (%)	Zn (%)	Ag (g/t)	Au (g/t)	Ba (%)
VA01718	CH88-49	56.3	56.6	0.3	1.56	1.38	19.85	74	1.95	0.71
VA01719	CH88-49	56.6	57.0	0.4	1.92	1.20	2.25	84	3.05	1.00
VA01720	CH88-49	57.0	57.4	0.4	1.43	2.36	4.60	146	6.07	0.72
VA01721	CH88-49	57.4	57.8	0.4	2.39	0.63	3.80	80	1.89	2.60
VA01722	CH88-49	57.8	58.2	0.4	2.04	0.21	10.55	68	1.06	3.20
VA01723	CH88-49	58.2	58.6	0.4	4.75	0.18	1.77	119	2.57	2.90
VA01724	CH88-49	58.6	59.0	0.4	6.40	0.03	2.60	136	0.96	2.50
VA01725	CH88-49	59.0	59.7	0.7	1.49	0.02	0.49	47	0.69	3.00
VA01726	CH88-49	59.7	60.1	0.4	1.43	0.09	1.22	36	1.71	1.90
VA01727	CH88-49	60.1	60.8	0.7	1.36	0.10	1.22	35	1.65	2.00
VA01728	CH88-49	60.8	61.2	0.4	1.60	0.03	0.18	33	0.34	1.70

Sample	Hole #	From (m)	To (m)	Length (m)	Cu (%)	Pb (%)	Zn (%)	Ag (g/t)	Au (g/t)	Ba (%)
VA01671	CH88-48	93.8	94.2	0.4	0.58	<0.01	0.01	5	0.19	0.44
VA01672	CH88-48	94.2	94.6	0.4	0.33	<0.01	<0.01	2	0.18	0.16

Sample	Hole #	From (m)	To (m)	Length (m)	Cu (%)	Pb (%)	Zn (%)	Ag (g/t)	Au (g/t)	Ba (%)
VA01677	CH88-48	100.1	101.4	1.3	0.16	<0.01	<0.01	1	0.07	0.20
VA01678	CH88-48	101.4	101.9	0.5	1.22	<0.01	0.01	8	0.33	0.16
VA01679	CH88-48	102.2	103.0	0.8	0.38	<0.01	<0.01	4	0.12	0.13

LEGEND

MAJOR ROCK UNITS

- 11 Nanaimo Sediments
- 10 Late Mafic Intrusions
- 9 Felsic Intrusive Rocks
- 8 Intermediate Intrusive Rocks
- 7 Mafic Intrusive Rocks
- 6 Ultramafic Intrusive Rocks
- 5 Sedimentary Rocks
- 4 Felsic Volcanic Rocks
- 3 Intermediate Volcanic Rocks
- 2 Mafic Volcanic Rocks
- 1 Ultramafic Volcanic Rocks

ROCK UNIT LETTER QUALIFIERS

The second letter indicates the type of rock; if omitted a dash should be inserted if a third letter is used.

A Tuff
B Lapilli Tuff
C Tuff Breccia
D Massive Flow
E Pillowed Flow
F Flow Breccia
G Pillow Breccia
H Intrusive
I Argillite
J Siltstone
K Wacke
L Conglomerate
M Chert
N Iron Formation
O Limestone
P Exhalite/Sulphides
Q Tuffaceous Sediments
R Fine Grained
S Medium Grained
T Coarse Grained

The third and fourth letters are placed in alphabetical order; they are optional and further define the rock.

A Quartz Phyric
B Feldspar Phyric
C Quartz–Felspar Phyric
D Mafic Phyric
E Mafic–Feldspar Phyric
F Amygdaloidal
G Spherulitic
H Variolitic
I Leucocratic
J Melanocratic
K Bedded
L Chloritic
M Graphitic
N Calcareous
O Argillaceous
P Siliceous/Cherty
Q Sheared
R Massive
S Lithic

SYMBOLS

Overburden
Bedding
Foliation
Fault
Stratigraphic top
VA01245 Whole rock sample
Significant intersections
Geochemical/assay sample interval
Geological contact (inferred)
Felsic–mafic contact

U Unconformity
FZ Fault zone
FB Fault breccia
CAS Casing
py Pyrite
cpy Chalcopyrite
po Pyrrhotite
sp Sphalerite
ga Galena

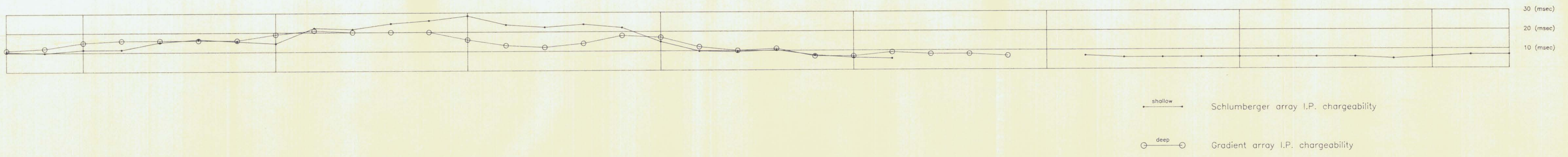
0 20 40 60 80 M
SCALE 1 : 1000

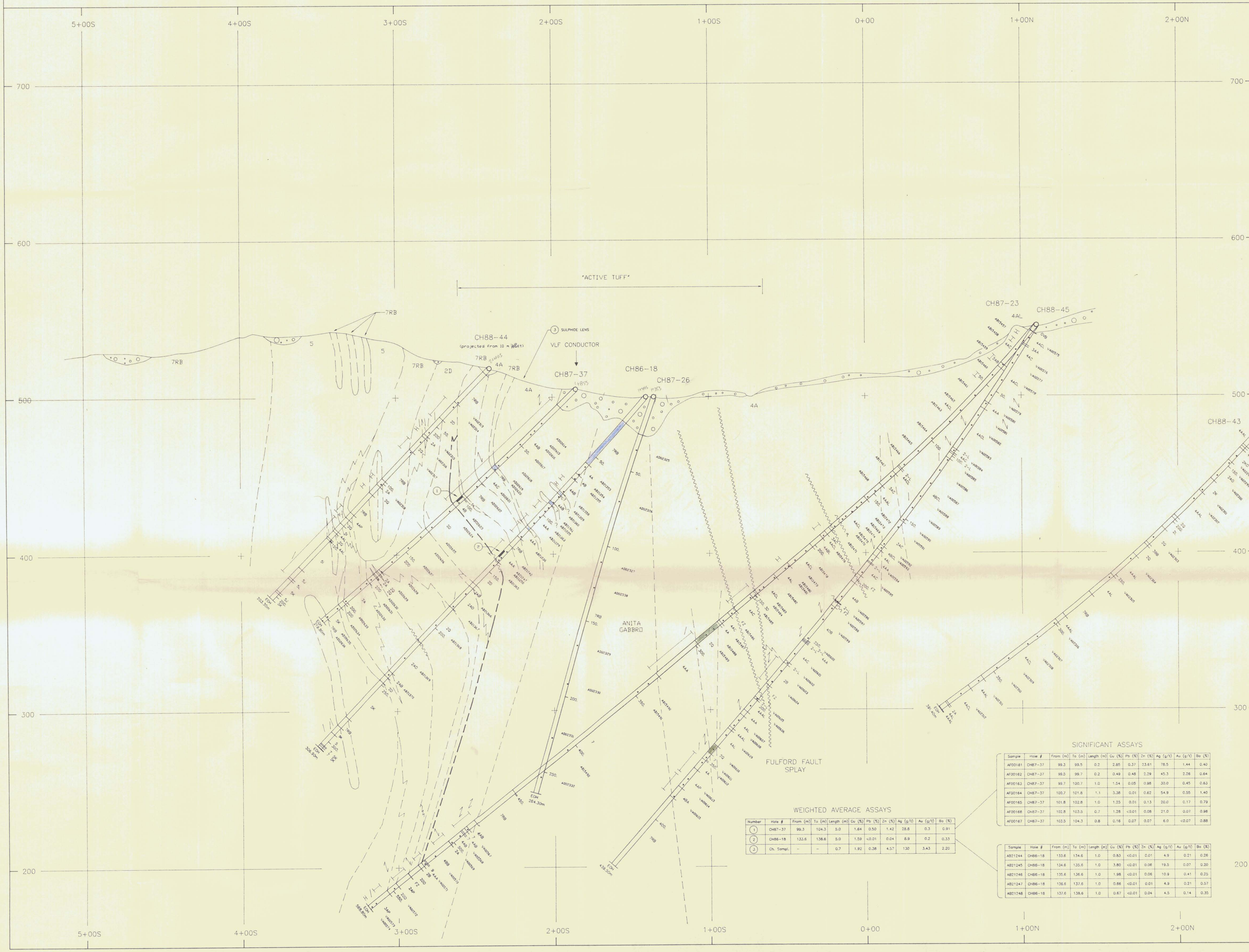
FALCONBRIDGE LIMITED
CHEMAINUS JOINT VENTURE
Vancouver Island, British Columbia

SECTION 27+00 EAST

HOLES CH87-28, CH88-48
CH88-49, CH88-51

WORK BY: DPM			
DATE OF WORK: MAY 1988	PROJECT NO:		FIG NO:
DRAWN BY: PW & COMPUTER	116		12
DATE DRAWN: SEPT 23 1988	N.T.S. NO.: 092B/13W		





SIGNIFICANT ASSAYS

Sample	Hole #	From (m)	To (m)	Length (m)	Cu (%)	Pb (%)	Zn (%)	Ag (g/t)	Au (g/t)	Ba (%)
AF00161	CH87-37	99.3	99.5	0.2	2.85	0.37	23.61	78.5	1.44	0.40
AF00162	CH87-37	99.5	99.7	0.2	0.49	0.48	2.29	45.3	2.26	0.64
AF00163	CH87-37	99.7	100.7	1.0	1.54	0.05	0.98	30.0	0.45	0.63
AF00164	CH87-37	100.7	101.8	1.1	3.38	0.01	0.62	54.9	0.55	1.40
AF00165	CH87-37	101.8	102.8	1.0	1.25	0.01	0.13	20.0	0.17	0.79
AF00166	CH87-37	102.8	103.5	0.7	1.28	<0.01	0.08	21.0	0.07	0.98
AF00167	CH87-37	103.5	104.3	0.8	0.16	0.07	0.07	6.0	<0.07	0.88

Sample	Hole #	From (m)	To (m)	Length (m)	Cu (%)	Pb (%)	Zn (%)	Ag (g/t)	Au (g/t)	Ba (%)
AB21244	CH86-18	133.6	134.6	1.0	0.83	<0.01	0.01	4.9	0.21	0.26
AB21245	CH86-18	134.6	135.6	1.0	3.80	<0.01	0.06	19.5	0.07	0.20
AB21246	CH86-18	135.6	136.6	1.0	1.98	<0.01	0.06	10.9	0.41	0.25
AB21247	CH86-18	136.6	137.6	1.0	0.66	<0.01	0.01	4.9	0.21	0.57
AB21248	CH86-18	137.6	138.6	1.0	0.67	<0.01	0.04	4.5	0.14	0.35

WEIGHTED AVERAGE ASSAYS

Number	Hole #	From (m)	To (m)	Length (m)	Cu (%)	Pb (%)	Zn (%)	Ag (g/t)	Au (g/t)	Ba (%)
1	CH87-37	99.3	104.3	5.0	1.64	0.50	1.42	28.8	0.3	0.91
2	CH86-18	133.6	138.6	5.0	1.59	<0.01	0.04	8.9	0.2	0.33
3	Ch. Sampl.	–	–	0.7	1.92	0.38	4.57	130	3.43	2.20

LEGEND

MAJOR ROCK UNITS

- 11 Nanaimo Sediments
- 10 Late Mafic Intrusions
- 9 Felsic Intrusive Rocks
- 8 Intermediate Intrusive Rocks
- 7 Mafic Intrusive Rocks
- 6 Ultramafic Intrusive Rocks
- 5 Sedimentary Rocks
- 4 Felsic Volcanic Rocks
- 3 Intermediate Volcanic Rocks
- 2 Mafic Volcanic Rocks
- 1 Ultramafic Volcanic Rocks

ROCK UNIT LETTER QUALIFIERS

The second letter indicates the type of rock; if omitted a dash should be inserted if a third letter is used.

A	Tuff	K	Wacke
B	Lapilli Tuff	L	Conglomerate
C	Tuff Breccia	M	Chert
D	Massive Flow	N	Iron Formation
E	Pillowed Flow	O	Limestone
F	Flow Breccia	P	Exhalite/Sulphides
G	Pillow Breccia	Q	Tuffaceous Sediments
H	Intrusive	R	Fine Grained
I	Argillite	S	Medium Grained
J	Siltstone	T	Coarse Grained

The third and fourth letters are placed in alphabetical order; they are optional and further define the rock.

A	Quartz Phyric	J	Melanocratic
B	Feldspar Phyric	K	Bedded
C	Quartz-Felspar Phyric	L	Chloritic
D	Mafic Phyric	M	Graphitic
E	Mafic-Feldspar Phyric	N	Calcareous
F	Amygdaloidal	O	Argillaceous
G	Spherulitic	P	Siliceous/Cherty
H	Variolitic	Q	Sheared
I	Leucocratic	R	Massive
		S	Lithic

SYMBOLS

- Overburden
- Bedding
- Foliation
- Fault
- Stratigraphic top
- VA01245 Whole rock sample
- Significant intersections
- Geochemical/assay sample interval
- Geological contact (inferred)
- Felsic-mafic contact

u	Unconformity	py	Pyrite
FZ	Fault zone	cpy	Chalcopyrite
FB	Fault breccia	po	Pyrrhotite
CAS	Casing	sp	Sphalerite
		ga	Galena

0 20 40 60 80 M

SCALE 1 : 1000

FALCONBRIDGE LIMITED

CHEMAINUS JOINT VENTURE

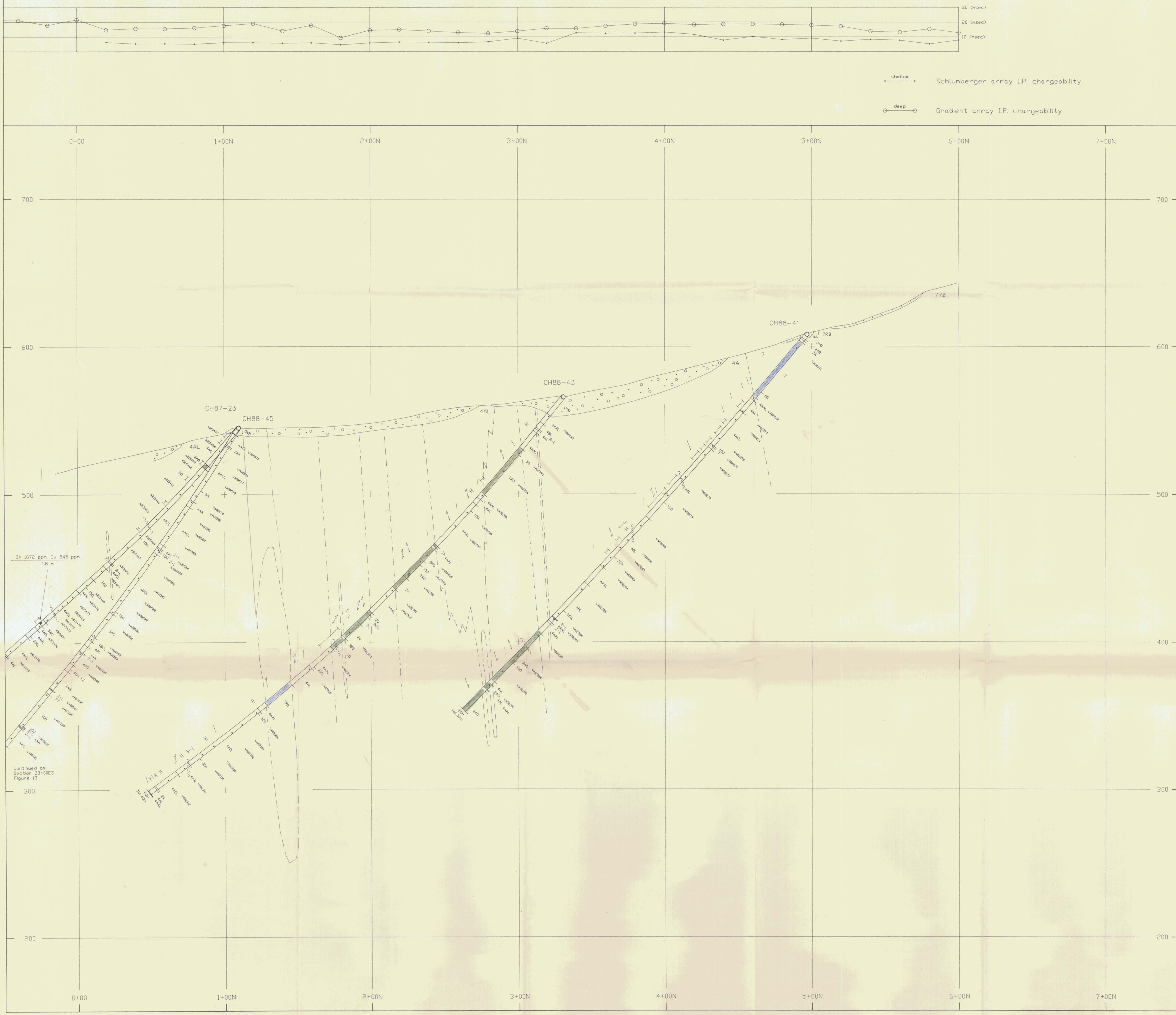
Vancouver Island, British Columbia

SECTION 28+00 EAST

(SOUTH HALF)

HOLES CH86-18, CH87-23, 26, 37
CH88-43, 44, 45

WORK BY: JP, SGE & DPM			
DATE OF WORK: MAY 1988	PROJECT NO: 116		FIG NO: 13
DRAWN BY: PW & COMPUTER			
DATE DRAWN: SEPT 29 1988	N.T.S. NO.: 092B/13W		



LEGEND

MAJOR ROCK UNITS

11	Nanaimo Sediments
10	Late Mafic Intrusions
9	Felsic Intrusive Rocks
8	Intermediate Intrusive Rocks
7	Mafic Intrusive Rocks
6	Ultramafic Intrusive Rocks
5	Sedimentary Rocks
4	Felsic Volcanic Rocks
3	Intermediate Volcanic Rocks
2	Mafic Volcanic Rocks
1	Ultramafic Volcanic Rocks

ROCK UNIT LETTER QUALIFIERS

The second letter indicates the type of rock; if omitted a dash should be inserted if a third letter is used.

A	Tuff	K	Wacke
B	Lapilli Tuff	L	Conglomerate
C	Tuff Breccia	M	Chert
D	Massive Flow	N	Iron Formation
E	Pillowed Flow	O	Limestone
F	Flow Breccia	P	Exhalite/Sulphides
G	Pillow Breccia	Q	Tuffaceous Sediments
H	Intrusive	R	Fine Grained
I	Argillite	S	Medium Grained
J	Siltstone	T	Coarse Grained

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B	Feldspar Phyric	K	Bedded
C	Quartz-Felspar Phyric	L	Chloritic
D	Mafic Phyric	M	Graphitic
E	Mafic-Feldspar Phyric	N	Calcareous
F	Amygdaloidal	O	Argillaceous
G	Spherulitic	P	Siliceous/Cherty
H	Variolitic	Q	Sheared
I	Leucocratic	R	Massive
		S	Lithic

SYMBOLS

Overburden
Bedding
Foliation
Fault
Stratigraphic top
VA01245 Whole rock sample
Significant intersections
Geochemical/assay sample interval
Geological contact (inferred)
Felsic-mafic contact

u	Unconformity	py	Pyrite
FZ	Fault zone	cpy	Chalcopyrite
FB	Fault breccia	po	Pyrrhotite
CAS	Casing	sp	Sphalerite
		ga	Galena

0 20 40 60 80 M
SCALE 1 : 1000

FALCONBRIDGE LIMITED

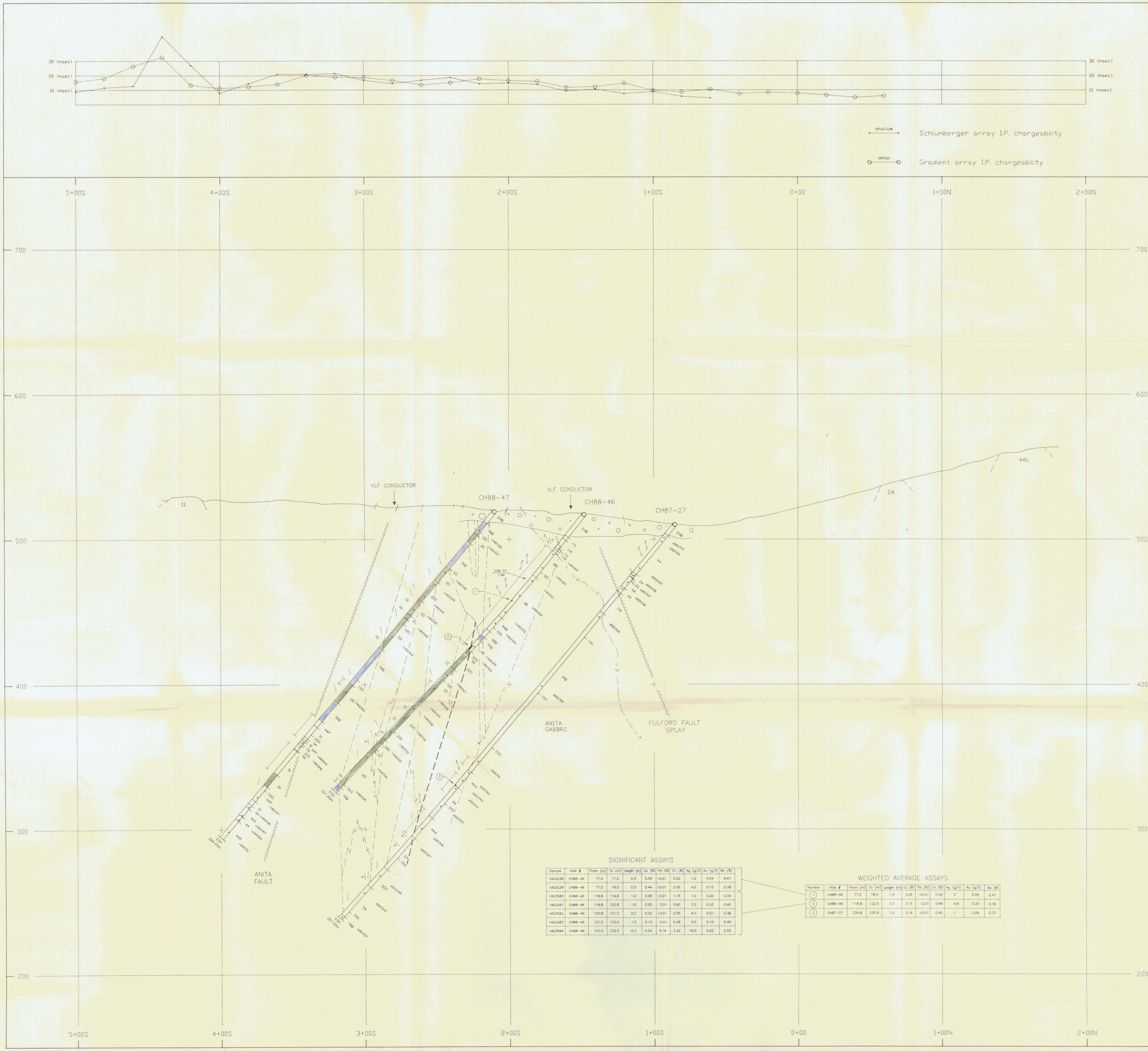
CHEMAINUS JOINT VENTURE
Vancouver Island, British Columbia

SECTION 28+00 EAST

(NORTH HALF)

HOLES CH87-23, CH88-41, CH88-43, CH88-45

WORK BY: JP & DPM		
DATE OF WORK: MAY 1988	PROJECT NO: 116	FIG NO: 14
DRAWN BY: PW & COMPUTER		
DATE DRAWN: OCT 5 1988	N.T.S. NO.: 092B/13W	



SIGNIFICANT ASSAYS

Sample	Hole #	From (m)	To (m)	Length (m)	Cu (%)	Pb (%)	Zn (%)	Ag (g/t)	Au (g/t)	Ba (%)
VA03538	CH88-46	77.0	77.5	0.5	0.09	<0.01	0.03	1.0	0.04	0.47
VA03539	CH88-46	77.5	78.0	0.5	0.44	<0.01	0.05	4.0	0.15	0.38
VA03580	CH88-46	118.8	119.8	1.0	0.08	<0.01	1.15	1.0	0.05	0.29
VA03581	CH88-46	119.8	120.8	1.0	0.05	0.01	0.60	3.0	0.32	0.40
VA03582	CH88-46	120.8	121.0	0.2	0.20	<0.01	0.25	6.0	0.07	0.38
VA03583	CH88-46	121.0	122.0	1.0	0.13	0.01	0.28	4.0	0.10	0.40
VA03584	CH88-46	122.0	122.5	0.5	0.54	0.16	2.42	16.0	0.52	0.55

WEIGHTED AVERAGE ASSAYS

Number	Hole #	From (m)	To (m)	Length (m)	Cu (%)	Pb (%)	Zn (%)	Ag (g/t)	Au (g/t)	Ba (%)
1	CH88-46	77.0	78.0	1.0	0.26	<0.01	0.04	2	0.09	0.43
2	CH88-46	118.8	122.5	3.7	0.15	0.03	0.89	4.6	0.20	0.39
3	CH87-27	234.8	235.8	1.0	0.14	<0.01	0.40	1	0.04	0.25

LEGEND

MAJOR ROCK UNITS

- 11 Nanaimo Sediments
- 10 Late Mafic Intrusions
- 9 Felsic Intrusive Rocks
- 8 Intermediate Intrusive Rocks
- 7 Mafic Intrusive Rocks
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ROCK UNIT LETTER QUALIFIERS

The second letter indicates the type of rock; if omitted a dash should be inserted if a third letter is used.

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C	Tuff Breccia	M	Chert
D	Massive Flow	N	Iron Formation
E	Pillowed Flow	O	Limestone
F	Flow Breccia	P	Exhalite/Sulphides
G	Pillow Breccia	Q	Tuffaceous Sediments
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C	Quartz-Felspar Phyric	L	Chloritic
D	Mafic Phyric	M	Graphitic
E	Mafic-Feldspar Phyric	N	Calcareous
F	Amygdaloidal	O	Argillaceous
G	Spherulitic	P	Siliceous/Cherty
H	Variolitic	Q	Sheared
I	Leucocratic	R	Massive
		S	Lithic

SYMBOLS

- Overburden
- Bedding
- Foliation
- Fault
- Stratigraphic top
- VA01245 Whole rock sample
- Significant intersections
- Geachemical/assay sample interval
- Geological contact (inferred)
- Felsic-mafic contact

u	Unconformity	py	Pyrite
FZ	Fault zone	cpy	Chalcopyrite
FB	Fault breccia	po	Pyrrhotite
CAS	Casing	sp	Sphalerite
		ga	Galena

0 20 40 60 80 M

SCALE 1 : 1000

FALCONBRIDGE LIMITED

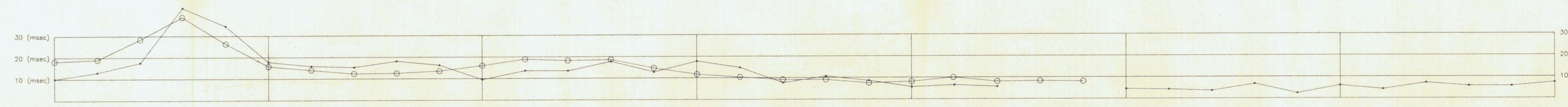
CHEMAINUS JOINT VENTURE

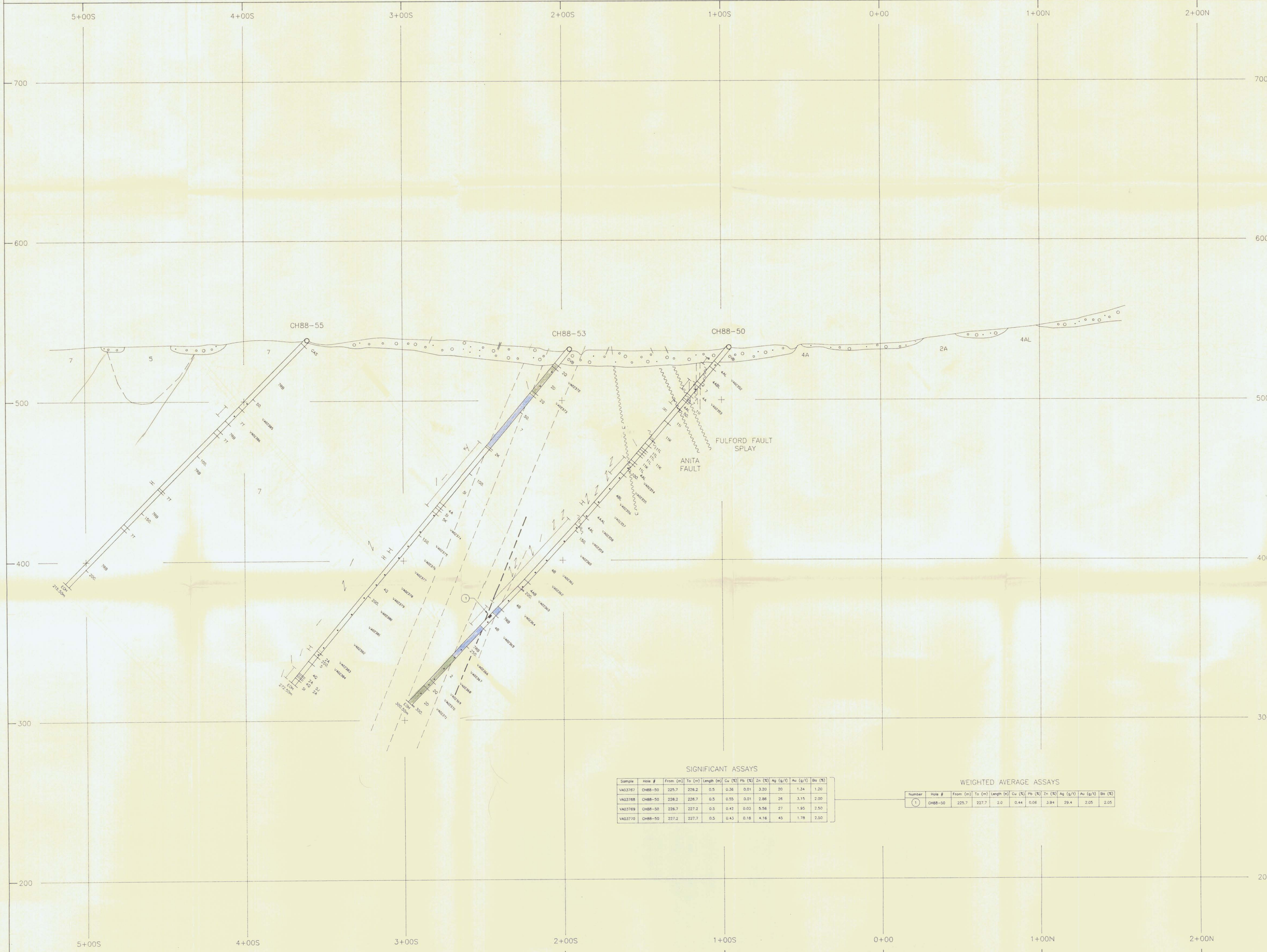
Vancouver Island, British Columbia

SECTION 29+00 EAST

HOLES CH87-27, CH88-46, CH88-47

WORK BY: JP	PROJECT NO: 116	FIG NO: 15
DATE OF WORK: APRIL 1988		
DRAWN BY: PW & COMPUTER		
DATE DRAWN: OCT 6 1988	N.T.S. NO: 092B/13W	





SIGNIFICANT ASSAYS

Sample	Hole #	From (m)	To (m)	Length (m)	Cu (%)	Pb (%)	Zn (%)	Ag (g/t)	Au (g/t)	Ba (%)
VA03767	CH88-50	225.7	226.2	0.5	0.36	0.01	3.20	20	1.34	1.20
VA03768	CH88-50	226.2	226.7	0.5	0.55	0.01	2.86	26	3.15	2.00
VA03769	CH88-50	226.7	227.2	0.5	0.42	0.03	5.56	27	1.95	2.50
VA03770	CH88-50	227.2	227.7	0.5	0.43	0.18	4.16	45	1.78	2.50

WEIGHTED AVERAGE ASSAYS

Number	Hole #	From (m)	To (m)	Length (m)	Cu (%)	Pb (%)	Zn (%)	Ag (g/t)	Au (g/t)	Ba (%)
1	CH88-50	225.7	227.7	2.0	0.44	0.06	3.94	29.4	2.05	2.05

LEGEND

MAJOR ROCK UNITS

- 11 Nanaimo Sediments
- 10 Late Mafic Intrusions
- 9 Felsic Intrusive Rocks
- 8 Intermediate Intrusive Rocks
- 7 Mafic Intrusive Rocks
- 6 Ultramafic Intrusive Rocks
- 5 Sedimentary Rocks
- 4 Felsic Volcanic Rocks
- 3 Intermediate Volcanic Rocks
- 2 Mafic Volcanic Rocks
- 1 Ultramafic Volcanic Rocks

ROCK UNIT LETTER QUALIFIERS

The second letter indicates the type of rock; if omitted a dash should be inserted if a third letter is used.

A	Tuff	K	Wacke
B	Lapilli Tuff	L	Conglomerate
C	Tuff Breccia	M	Chert
D	Massive Flow	N	Iron Formation
E	Pillowed Flow	O	Limestone
F	Flow Breccia	P	Exhalite/Sulphides
G	Pillow Breccia	Q	Tuffaceous Sediments
H	Intrusive	R	Fine Grained
I	Argillite	S	Medium Grained
J	Siltstone	T	Coarse Grained

The third and fourth letters are placed in alphabetical order; they are optional and further define the rock.

A	Quartz Phyric	J	Melanocratic
B	Feldspar Phyric	K	Bedded
C	Quartz–Felspar Phyric	L	Chloritic
D	Mafic Phyric	M	Graphitic
E	Mafic–Feldspar Phyric	N	Calcareous
F	Amygdaloidal	O	Argillaceous
G	Spherulitic	P	Siliceous/Cherty
H	Variolitic	Q	Sheared
I	Leucocratic	R	Massive
		S	Lithic

SYMBOLS

- Overburden
- Bedding
- Foliation
- Fault
- Stratigraphic top
- VA01245 Whole rock sample
- Significant intersections
- Geochemical/assay sample interval
- Geological contact (inferred)
- Felsic–mafic contact

u	Unconformity	py	Pyrite
FZ	Fault zone	cpy	Chalcopyrite
FB	Fault breccia	po	Pyrrhotite
CAS	Casing	sp	Sphalerite
		ga	Galena

0 20 40 60 80 M

SCALE 1 : 1000

FALCONBRIDGE LIMITED

CHEMAINUS JOINT VENTURE

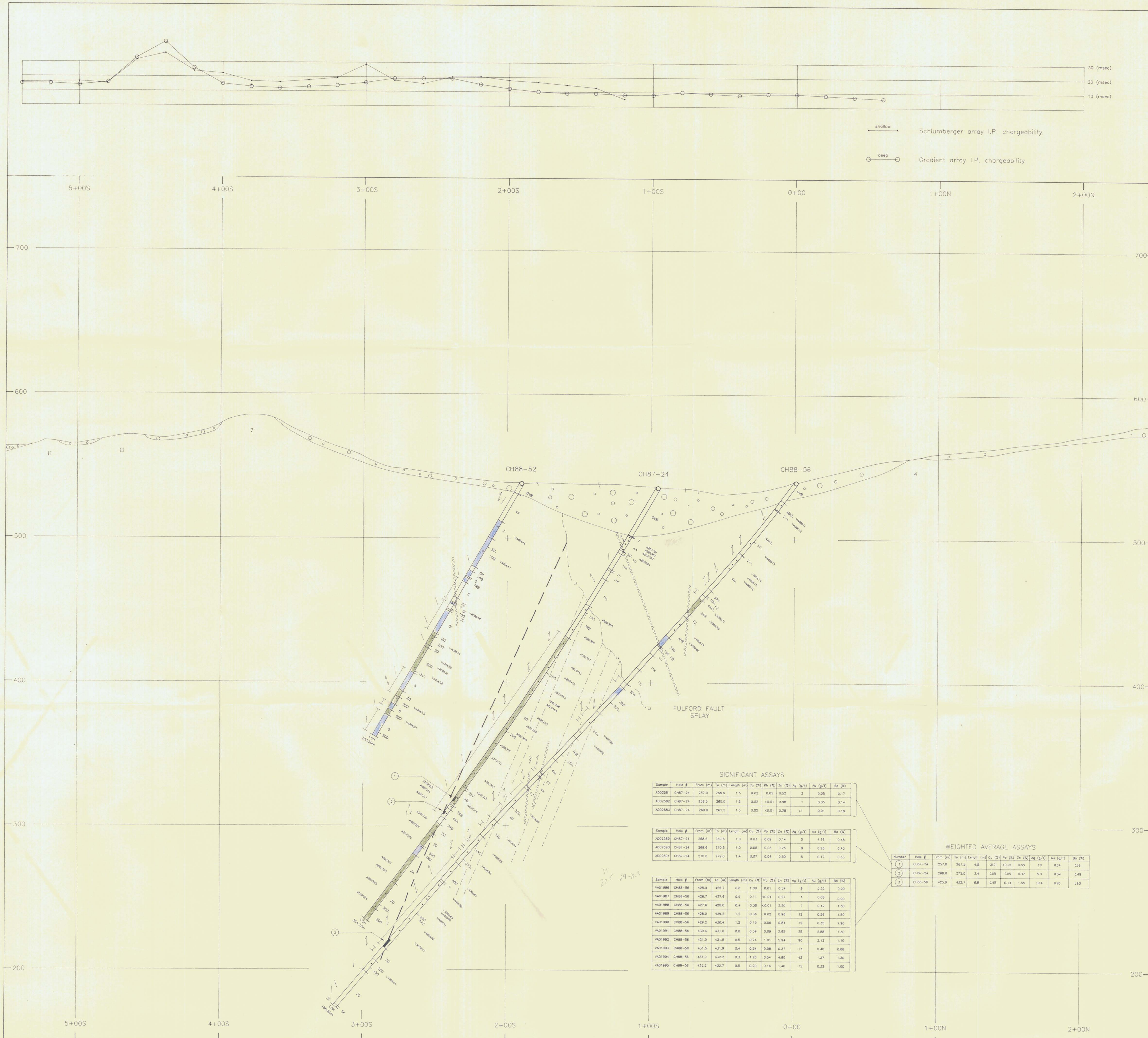
Vancouver Island, British Columbia

SECTION 30+00 EAST

(SOUTH HALF)

HOLES CH88-50, CH88-53, CH88-55

WORK BY: JP		PROJECT NO:	FIG NO:
DATE OF WORK: MAY 1988		116	16
DRAWN BY: PW & COMPUTER			
DATE DRAWN: OCT 4 1988		N.T.S. NO.: 092B/13W	



LEGEND

MAJOR ROCK UNITS

- 11 Nanaimo Sediments
- 10 Late Mafic Intrusions
- 9 Felsic Intrusive Rocks
- 8 Intermediate Intrusive Rocks
- 7 Mafic Intrusive Rocks
- 6 Ultramafic Intrusive Rocks
- 5 Sedimentary Rocks
- 4 Felsic Volcanic Rocks
- 3 Intermediate Volcanic Rocks
- 2 Mafic Volcanic Rocks
- 1 Ultramafic Volcanic Rocks

ROCK UNIT LETTER QUALIFIERS

The second letter indicates the type of rock; if omitted a dash should be inserted if a third letter is used.

A	Tuff	K	Wacke
B	Lapilli Tuff	L	Conglomerate
C	Tuff Breccia	M	Chert
D	Massive Flow	N	Iron Formation
E	Pillowed Flow	O	Limestone
F	Flow Breccia	P	Exhalite/Sulphides
G	Pillow Breccia	Q	Tuffaceous Sediments
H	Intrusive	R	Fine Grained
I	Argillite	S	Medium Grained
J	Siltstone	T	Coarse Grained

The third and fourth letters are placed in alphabetical order; they are optional and further define the rock.

A	Quartz Phyric	J	Melanocratic
B	Feldspar Phyric	K	Bedded
C	Quartz–Felspar Phyric	L	Chloritic
D	Mafic Phyric	M	Graphitic
E	Mafic–Feldspar Phyric	N	Calcareous
F	Amygdaloidal	O	Argillaceous
G	Spherulitic	P	Siliceous/Cherty
H	Variolitic	Q	Sheared
I	Leucocratic	R	Massive
		S	Lithic

SYMBOLS

- Overburden
- Bedding
- Foliation
- Fault
- Stratigraphic top
- VA01245 Whole rock sample
- Significant intersections
- Geochemical/assay sample interval
- Geological contact (inferred)
- Felsic–mafic contact

u	Unconformity	py	Pyrite
FZ	Fault zone	cpy	Chalcopyrite
FB	Fault breccia	po	Pyrrhotite
CAS	Casing	sp	Sphalerite
		ga	Galena

SIGNIFICANT ASSAYS

Sample	Hole #	From (m)	To (m)	Length (m)	Cu (%)	Pb (%)	Zn (%)	Ag (g/t)	Au (g/t)	Ba (%)
AD02581	CH87-24	257.0	258.5	1.5	0.02	0.05	0.52	2	0.05	0.17
AD02582	CH87-24	258.5	260.0	1.5	0.02	<0.01	0.98	1	0.05	0.14
AD02583	CH87-24	260.0	261.5	1.5	0.02	<0.01	0.28	<1	0.01	0.18

Sample	Hole #	From (m)	To (m)	Length (m)	Cu (%)	Pb (%)	Zn (%)	Ag (g/t)	Au (g/t)	Ba (%)
AD02589	CH87-24	268.6	269.6	1.0	0.03	0.09	0.14	5	1.35	0.48
AD02590	CH87-24	269.6	270.6	1.0	0.05	0.03	0.25	8	0.26	0.43
AD02591	CH87-24	270.6	272.0	1.4	0.07	0.04	0.50	5	0.17	0.53

Sample	Hole #	From (m)	To (m)	Length (m)	Cu (%)	Pb (%)	Zn (%)	Ag (g/t)	Au (g/t)	Ba (%)
VA01986	CH88-56	425.9	426.7	0.8	1.09	0.01	0.54	9	0.32	0.99
VA01987	CH88-56	426.7	427.6	0.9	0.11	<0.01	0.27	1	0.08	0.90
VA01988	CH88-56	427.6	428.0	0.4	0.38	<0.01	2.20	7	0.42	1.30
VA01989	CH88-56	428.0	429.2	1.2	0.36	0.02	0.96	12	0.56	1.50
VA01990	CH88-56	429.2	430.4	1.2	0.19	0.06	0.84	12	0.35	1.90
VA01991	CH88-56	430.4	431.0	0.6	0.39	0.09	2.65	25	2.88	1.30
VA01992	CH88-56	431.0	431.5	0.5	0.74	1.01	5.94	90	3.12	1.10
VA01993	CH88-56	431.5	431.9	0.4	0.54	0.08	0.37	13	0.40	0.88
VA01994	CH88-56	431.9	432.2	0.3	1.26	0.54	4.80	43	1.37	1.30
VA01995	CH88-56	432.2	432.7	0.5	0.20	0.16	1.40	15	0.32	1.00

WEIGHTED AVERAGE ASSAYS

Number	Hole #	From (m)	To (m)	Length (m)	Cu (%)	Pb (%)	Zn (%)	Ag (g/t)	Au (g/t)	Ba (%)
1	CH87-24	257.0	261.5	4.5	<0.01	<0.01	0.59	1.0	0.04	0.16
2	CH87-24	268.6	272.0	3.4	0.05	0.05	0.32	5.9	0.54	0.48
3	CH88-56	425.9	432.7	6.8	0.45	0.14	1.55	18.4	0.80	1.63

0 20 40 60 80 M

SCALE 1 : 1000

FALCONBRIDGE LIMITED

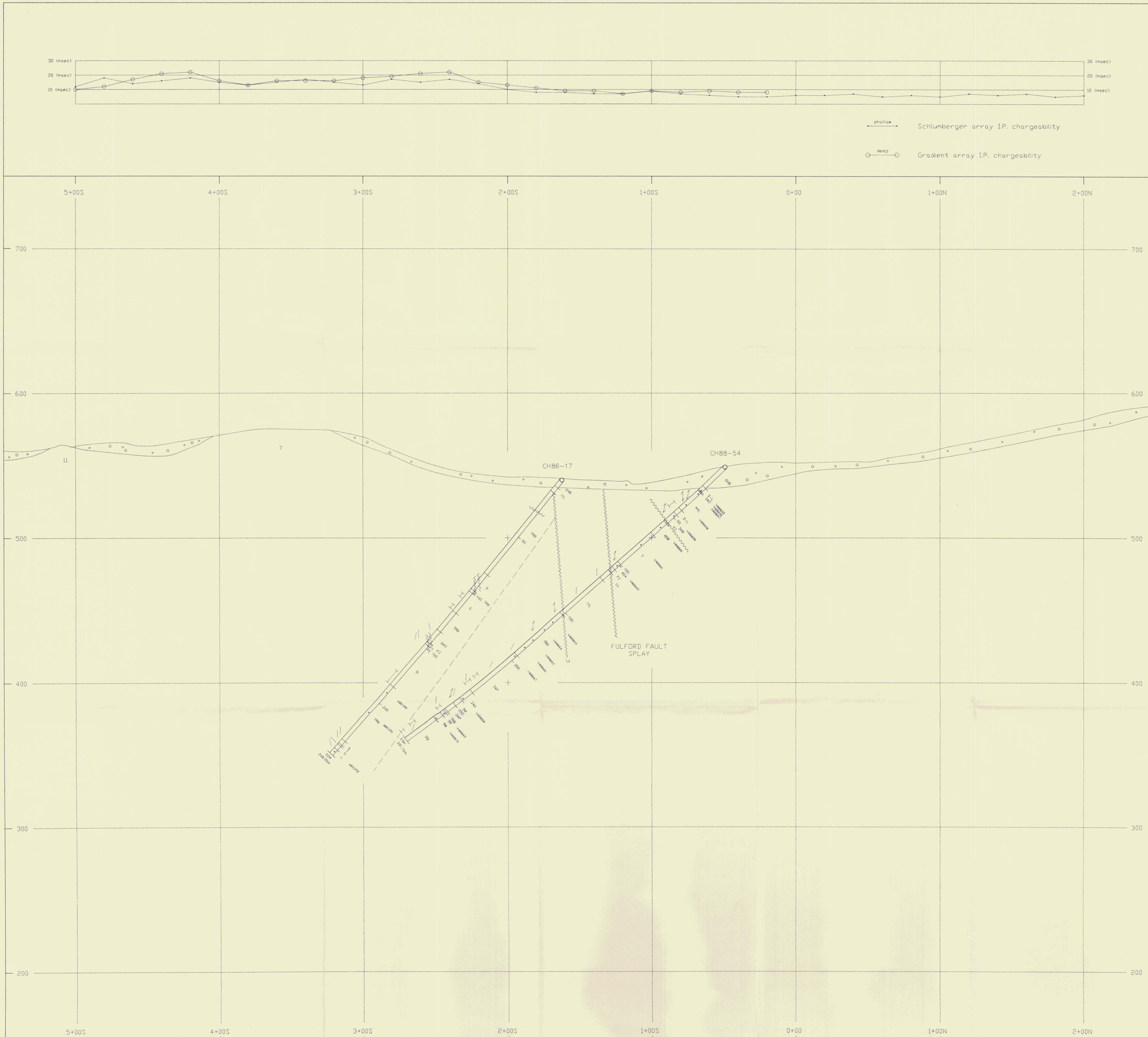
CHEMAINUS JOINT VENTURE

Vancouver Island, British Columbia

SECTION 31+00 EAST

HOLES CH88-52, CH88-56
CH87-24

WORK BY: DPM & JP			
DATE OF WORK: MAY 1988	PROJECT NO:		FIG NO:
DRAWN BY: PW & COMPUTER	116		17
DATE DRAWN: SEPT 29 1988	N.T.S. NO.: 092B/13W		



LEGEND

MAJOR ROCK UNITS

- 11 Nanaimo Sediments
- 10 Late Mafic Intrusions
- 9 Felsic Intrusive Rocks
- 8 Intermediate Intrusive Rocks
- 7 Mafic Intrusive Rocks
- 6 Ultramafic Intrusive Rocks
- 5 Sedimentary Rocks
- 4 Felsic Volcanic Rocks
- 3 Intermediate Volcanic Rocks
- 2 Mafic Volcanic Rocks
- 1 Ultramafic Volcanic Rocks

ROCK UNIT LETTER QUALIFIERS

The second letter indicates the type of rock; if omitted a dash should be inserted if a third letter is used.

A	Tuff	K	Wacke
B	Lapilli Tuff	L	Conglomerate
C	Tuff Breccia	M	Chert
D	Massive Flow	N	Iron Formation
E	Pillowed Flow	O	Limestone
F	Flow Breccia	P	Exhalite/Sulphides
G	Pillow Breccia	Q	Tuffaceous Sediments
H	Intrusive	R	Fine Grained
I	Argillite	S	Medium Grained
J	Siltstone	T	Coarse Grained

The third and fourth letters are placed in alphabetical order; they are optional and further define the rock.

A	Quartz Phyric	J	Melanocratic
B	Feldspar Phyric	K	Bedded
C	Quartz-Felspar Phyric	L	Chloritic
D	Mafic Phyric	M	Graphitic
E	Mafic-Feldspar Phyric	N	Calcareous
F	Amygdaloidal	O	Argillaceous
G	Spherulitic	P	Siliceous/Cherty
H	Variolitic	Q	Sheared
I	Leucocratic	R	Massive
		S	Lithic

SYMBOLS

- Overburden
- Bedding
- Foliation
- Fault
- Stratigraphic top
- VA01245 Whole rock sample
- Significant intersections
- Geochemical/assay sample interval
- Geological contact (inferred)
- Felsic-mafic contact

u	Unconformity	py	Pyrite
FZ	Fault zone	cpy	Chalcopyrite
FB	Fault breccia	po	Pyrrhotite
CAS	Casing	sp	Sphalerite
		ga	Galena

0 20 40 60 80 M

SCALE 1 : 1000

FALCONBRIDGE LIMITED

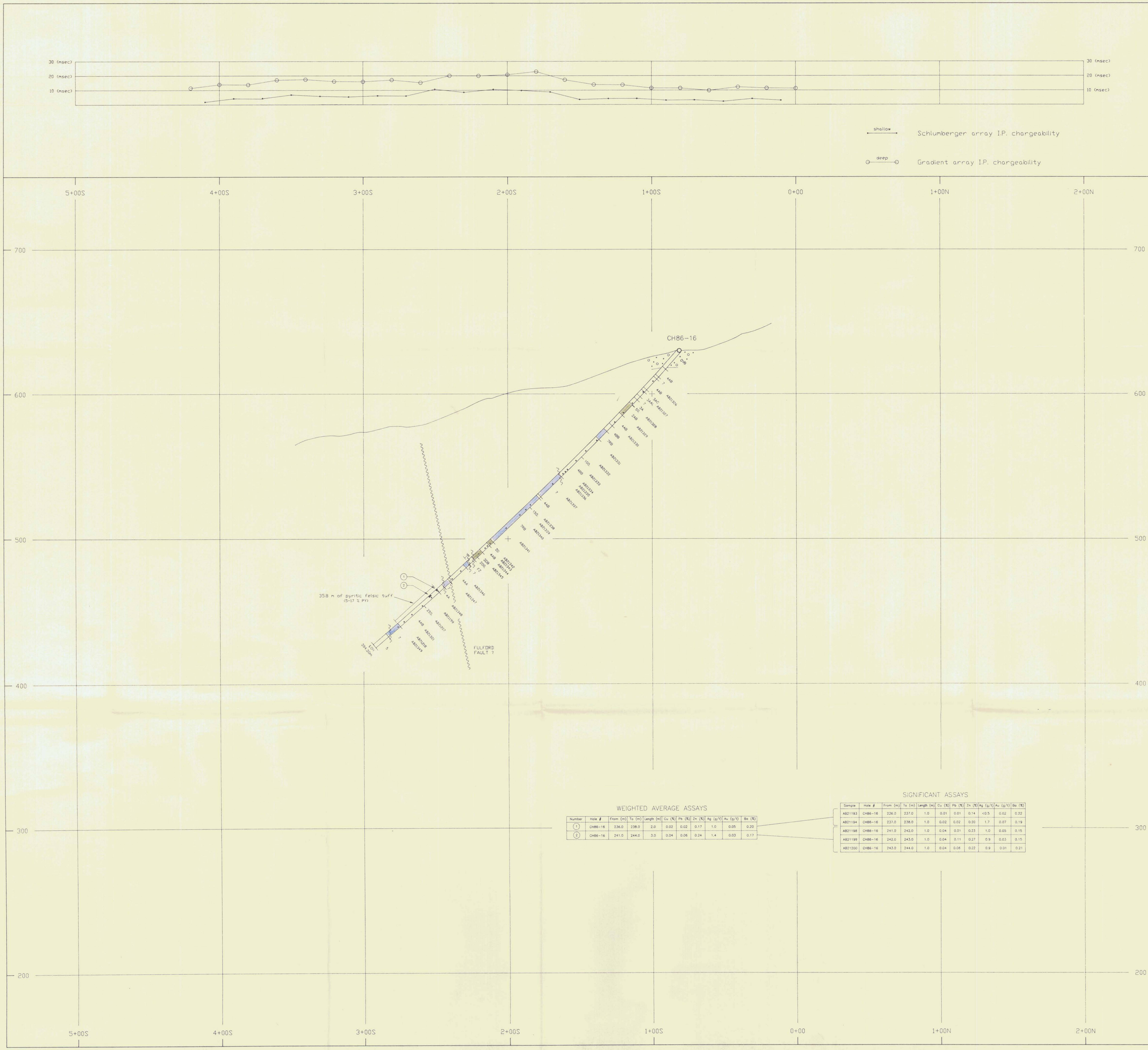
CHEMAINUS JOINT VENTURE

Vancouver Island, British Columbia

SECTION 32+00 EAST

HOLES CH88-54, CH86-17

WORK BY: DPM & SGE			
DATE OF WORK: MAY 1988	PROJECT NO:	FIG NO:	
DRAWN BY: PW & COMPUTER	116	18	
DATE DRAWN: OCT 7 1988	N.T.S. NO.: 092B/13W		



WEIGHTED AVERAGE ASSAYS

Number	Hole #	From (m)	To (m)	Length (m)	Cu (%)	Pb (%)	Zn (%)	Ag (g/t)	Au (g/t)	Ba (%)
1	CH86-16	236.0	238.0	2.0	0.02	0.02	0.17	1.0	0.05	0.20
2	CH86-16	241.0	244.0	3.0	0.04	0.06	0.24	1.4	0.03	0.17

SIGNIFICANT ASSAYS

Sample	Hole #	From (m)	To (m)	Length (m)	Cu (%)	Pb (%)	Zn (%)	Ag (g/t)	Au (g/t)	Ba (%)
AB21193	CH86-16	236.0	237.0	1.0	0.01	0.01	0.14	<0.5	0.02	0.22
AB21194	CH86-16	237.0	238.0	1.0	0.02	0.02	0.20	1.7	0.07	0.19
AB21198	CH86-16	241.0	242.0	1.0	0.04	0.01	0.23	1.0	0.05	0.15
AB21199	CH86-16	242.0	243.0	1.0	0.04	0.11	0.27	0.9	0.03	0.15
AB21200	CH86-16	243.0	244.0	1.0	0.04	0.06	0.22	0.9	0.01	0.21

LEGEND

MAJOR ROCK UNITS

- 11 Nanaimo Sediments
- 10 Late Mafic Intrusions
- 9 Felsic Intrusive Rocks
- 8 Intermediate Intrusive Rocks
- 7 Mafic Intrusive Rocks
- 6 Ultramafic Intrusive Rocks
- 5 Sedimentary Rocks
- 4 Felsic Volcanic Rocks
- 3 Intermediate Volcanic Rocks
- 2 Mafic Volcanic Rocks
- 1 Ultramafic Volcanic Rocks

ROCK UNIT LETTER QUALIFIERS

The second letter indicates the type of rock; if omitted a dash should be inserted if a third letter is used.

- A Tuff
- B Lapilli Tuff
- C Tuff Breccia
- D Massive Flow
- E Pillowed Flow
- F Flow Breccia
- G Pillow Breccia
- H Intrusive
- I Argillite
- J Siltstone
- K Wacke
- L Conglomerate
- M Chert
- N Iron Formation
- O Limestone
- P Exhalite/Sulphides
- Q Tuffaceous Sediments
- R Fine Grained
- S Medium Grained
- T Coarse Grained

The third and fourth letters are placed in alphabetical order; they are optional and further define the rock.

- A Quartz Phyric
- B Feldspar Phyric
- C Quartz-Felspar Phyric
- D Mafic Phyric
- E Mafic-Feldspar Phyric
- F Amygdaloidal
- G Spherulitic
- H Variolitic
- I Leucocratic
- J Melanocratic
- K Bedded
- L Chloritic
- M Graphitic
- N Calcareous
- O Argillaceous
- P Siliceous/Cherty
- Q Sheared
- R Massive
- S Lithic

SYMBOLS

- Overburden
- Bedding
- Foliation
- Fault
- Stratigraphic top
- VA01245 Whole rock sample
- Significant intersections
- Geochemical/assay sample interval
- Geological contact (inferred)
- Felsic-mafic contact

- u Unconformity
- FZ Fault zone
- FB Fault breccia
- CAS Casing
- py Pyrite
- cpy Chalcopyrite
- po Pyrrhotite
- sp Sphalerite
- ga Galena

0 20 40 60 80 M
SCALE 1 : 1000

FALCONBRIDGE LIMITED

CHEMAINUS JOINT VENTURE

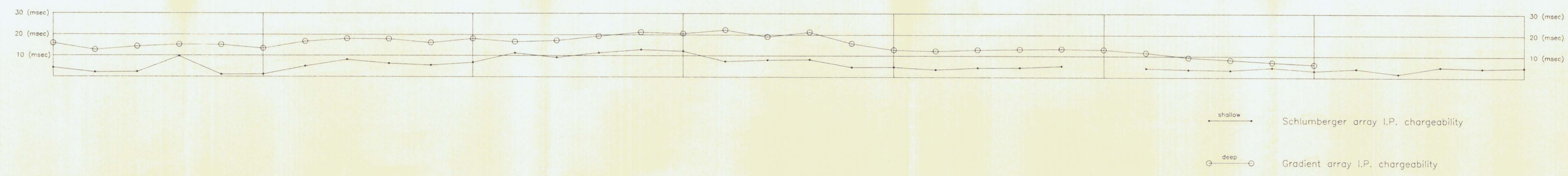
Vancouver Island, British Columbia

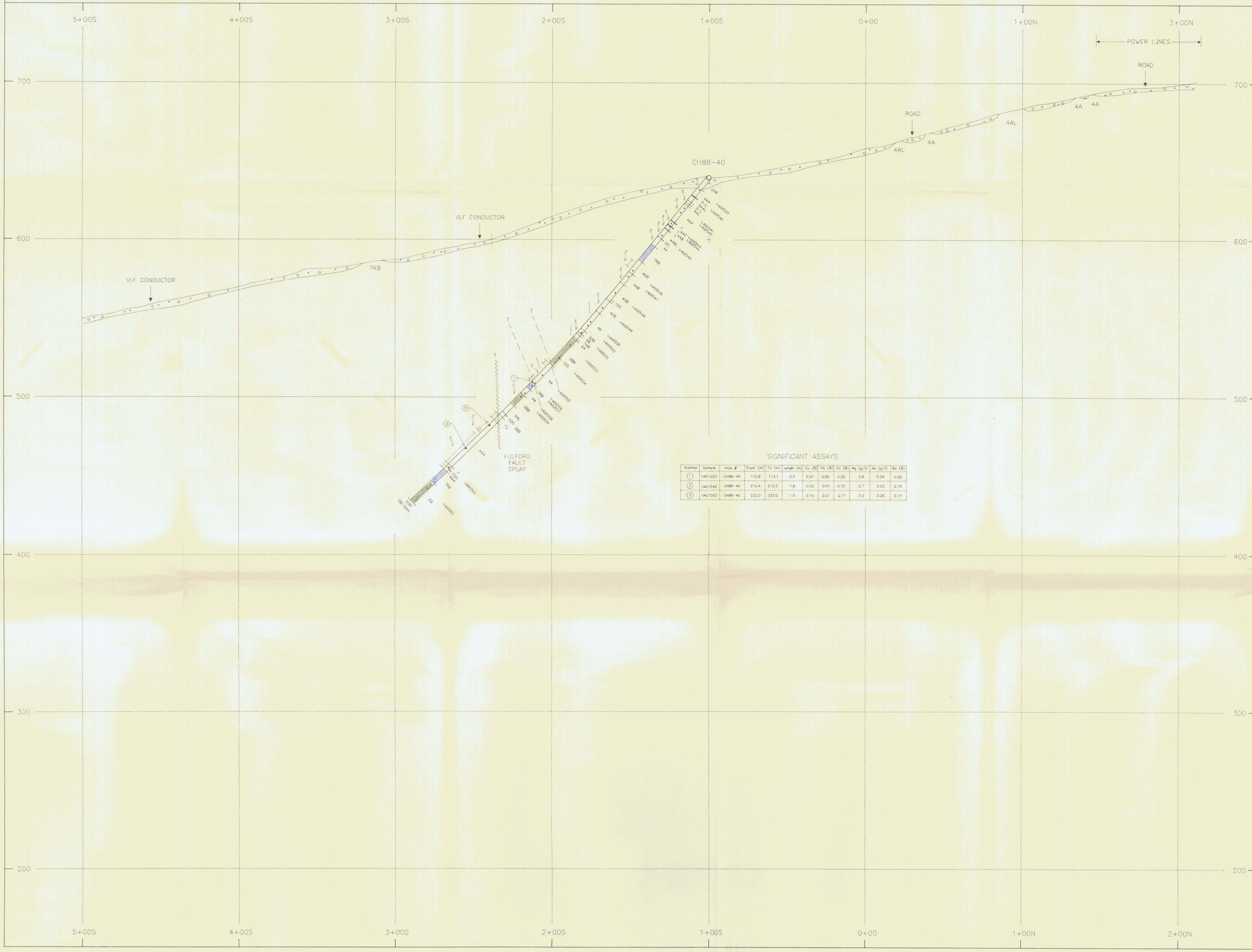
SECTION 45+00 EAST

(LOOKING WEST)

HOLE CH86-16

WORK BY:			
DATE OF WORK: JULY 1987		PROJECT NO: 116	FIG NO: 23
DRAWN BY: PW & COMPUTER			
DATE DRAWN: OCT 11 1988		N.T.S. NO.: 092B/13W	





SIGNIFICANT ASSAYS

Number	Sample	Hole #	From (m)	To (m)	Length (m)	Cu (%)	Pb (%)	Zn (%)	Ag (g/t)	Au (g/t)	Ba (%)
1	VA01552	CH88-40	172.6	173.1	0.5	0.97	0.00	0.02	3.8	0.04	0.09
2	VA01546	CH88-40	210.4	212.0	1.6	0.02	0.01	0.32	0.7	0.03	0.15
3	VA01563	CH88-40	232.0	233.0	1.0	0.10	0.01	0.11	2.5	0.26	0.17

LEGEND

MAJOR ROCK UNITS

- 11 Nanaimo Sediments
- 10 Late Mafic Intrusions
- 9 Felsic Intrusive Rocks
- 8 Intermediate Intrusive Rocks
- 7 Mafic Intrusive Rocks
- 6 Ultramafic Intrusive Rocks
- 5 Sedimentary Rocks
- 4 Felsic Volcanic Rocks
- 3 Intermediate Volcanic Rocks
- 2 Mafic Volcanic Rocks
- 1 Ultramafic Volcanic Rocks

ROCK UNIT LETTER QUALIFIERS

The second letter indicates the type of rock; if omitted a dash should be inserted if a third letter is used.

- A Tuff
- B Lapilli Tuff
- C Tuff Breccia
- D Massive Flow
- E Pillowed Flow
- F Flow Breccia
- G Pillow Breccia
- H Intrusive
- I Argillite
- J Siltstone
- K Wacke
- L Conglomerate
- M Chert
- N Iron Formation
- O Limestone
- P Exhalite/Sulphides
- Q Tuffaceous Sediments
- R Fine Grained
- S Medium Grained
- T Coarse Grained

The third and fourth letters are placed in alphabetical order; they are optional and further define the rock.

- A Quartz Phyric
- B Feldspar Phyric
- C Quartz–Felspar Phyric
- D Mafic Phyric
- E Mafic–Feldspar Phyric
- F Amygdaloidal
- G Spherulitic
- H Variolitic
- I Leucocratic
- J Melanocratic
- K Bedded
- L Chloritic
- M Graphitic
- N Calcareous
- O Argillaceous
- P Siliceous/Cherty
- Q Sheared
- R Massive
- S Lithic

SYMBOLS

- Overburden
- Bedding
- Foliation
- Fault
- Stratigraphic top
- VA01245 Whole rock sample
- Significant intersections
- Geochemical/assay sample interval
- Geological contact (inferred)
- Felsic–mafic contact

- u Unconformity
- FZ Fault zone
- FB Fault breccia
- CAS Casing
- py Pyrite
- cpy Chalcopyrite
- po Pyrrhotite
- sp Sphalerite
- ga Galena

0 20 40 60 80 M

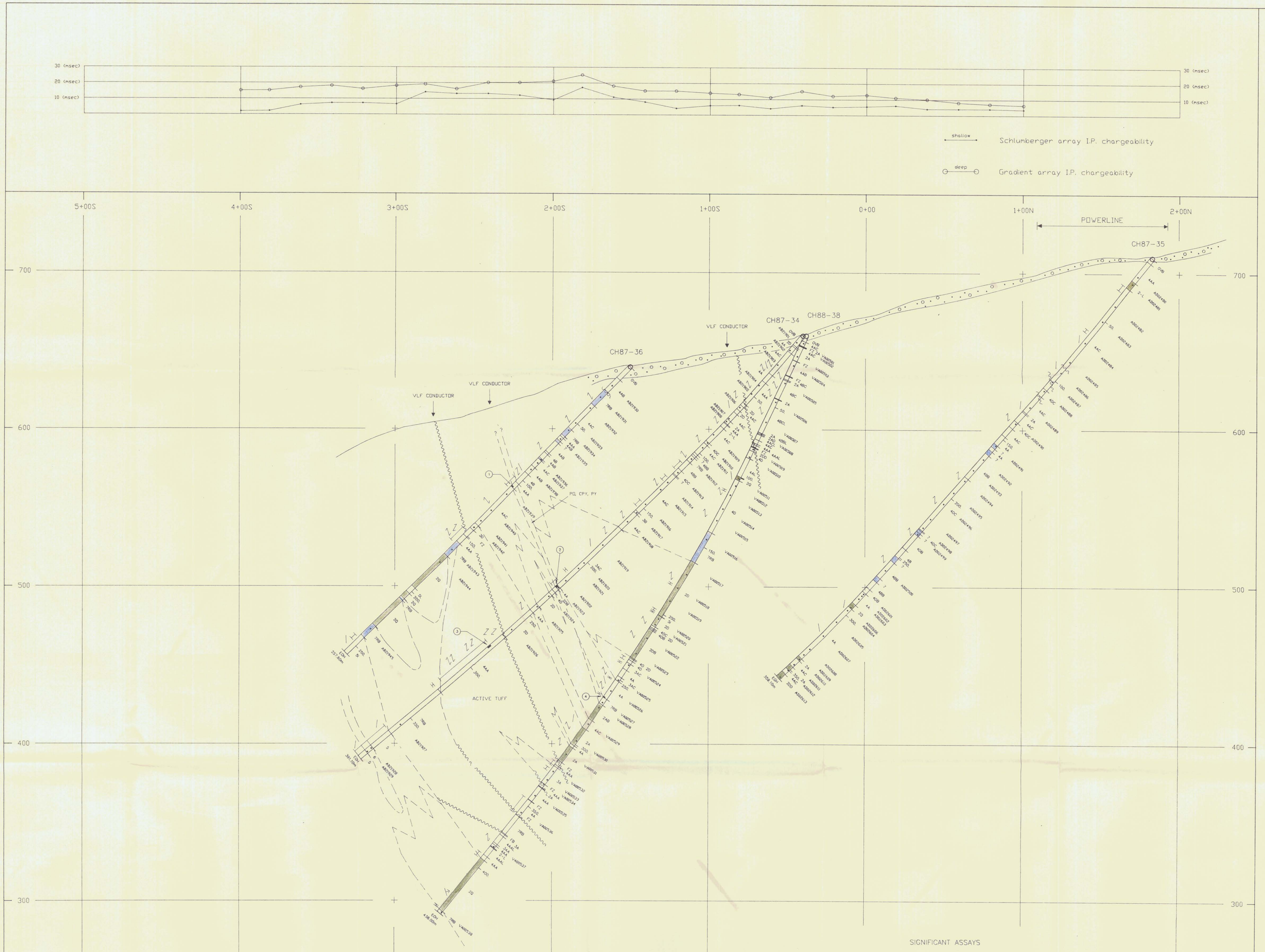
SCALE 1 : 1000

FALCONBRIDGE LIMITED
CHEMAINUS JOINT VENTURE
Vancouver Island, British Columbia

SECTION 46+00 EAST

HOLE CH88-40

WORK BY: DPM		
DATE OF WORK: APRIL 1988	PROJECT NO: 116	FIG NO: 24
DRAWN BY: PW & COMPUTER		
DATE DRAWN: OCT 4 1988	N.T.S. NO.: 092B/13W	



SIGNIFICANT ASSAYS

Number	Hole #	From (m)	To (m)	Length (m)	Cu (%)	Pb (%)	Zn (%)	Ag (g/t)	Au (g/t)	Ba (%)
1	CH87-36	107.0	107.8	0.8	0.89	0.00	0.06	5.0	0.06	0.23
2	CH87-34	224.0	225.0	1.0	0.69	0.00	0.02	2.1	0.04	0.14
3	CH87-34	280.0	282.0	2.0	0.08	0.04	0.34	0.3	0.05	0.17
4	CH88-38	264.4	264.9	0.5	0.24	0.00	0.03	1.3	0.03	0.16

From (m)	To (m)	Length (m)	Cu (%)	Pb (%)	Zn (%)	Ag (g/t)	Au (g/t)	Ba (%)
280.0	281.0	1.0	0.09	0.03	0.52	0.0	0.03	0.15
281.0	282.0	1.0	0.06	0.04	0.16	0.6	0.07	0.18

LEGEND

MAJOR ROCK UNITS

- 11 Nanaimo Sediments
- 10 Late Mafic Intrusions
- 9 Felsic Intrusive Rocks
- 8 Intermediate Intrusive Rocks
- 7 Mafic Intrusive Rocks
- 6 Ultramafic Intrusive Rocks
- 5 Sedimentary Rocks
- 4 Felsic Volcanic Rocks
- 3 Intermediate Volcanic Rocks
- 2 Mafic Volcanic Rocks
- 1 Ultramafic Volcanic Rocks

ROCK UNIT LETTER QUALIFIERS

The second letter indicates the type of rock; if omitted a dash should be inserted if a third letter is used.

A	Tuff	K	Wacke
B	Lapilli Tuff	L	Conglomerate
C	Tuff Breccia	M	Chert
D	Massive Flow	N	Iron Formation
E	Pillowed Flow	O	Limestone
F	Flow Breccia	P	Exhalite/Sulphides
G	Pillow Breccia	Q	Tuffaceous Sediments
H	Intrusive	R	Fine Grained
I	Argillite	S	Medium Grained
J	Siltstone	T	Coarse Grained

The third and fourth letters are placed in alphabetical order; they are optional and further define the rock.

A	Quartz Phyric	J	Melanocratic
B	Feldspar Phyric	K	Bedded
C	Quartz-Felspar Phyric	L	Chloritic
D	Mafic Phyric	M	Graphitic
E	Mafic-Feldspar Phyric	N	Calcareous
F	Amygdaloidal	O	Argillaceous
G	Spherulitic	P	Siliceous/Cherty
H	Variolitic	Q	Sheared
I	Leucocratic	R	Massive
		S	Lithic

SYMBOLS

- Overburden
- Bedding
- Foliation
- Fault
- Stratigraphic top
- VAD1245 Whole rock sample
- Significant intersections
- Geochemical/assay sample interval
- Geological contact (inferred)
- Felsic-mafic contact

u	Unconformity	py	Pyrite
FZ	Fault zone	cpy	Chalcopyrite
FB	Fault breccia	po	Pyrrhotite
CAS	Casing	sp	Sphalerite
		ga	Galena

0 20 40 60 80 M

SCALE 1 : 1000

FALCONBRIDGE LIMITED

CHEMAINUS JOINT VENTURE

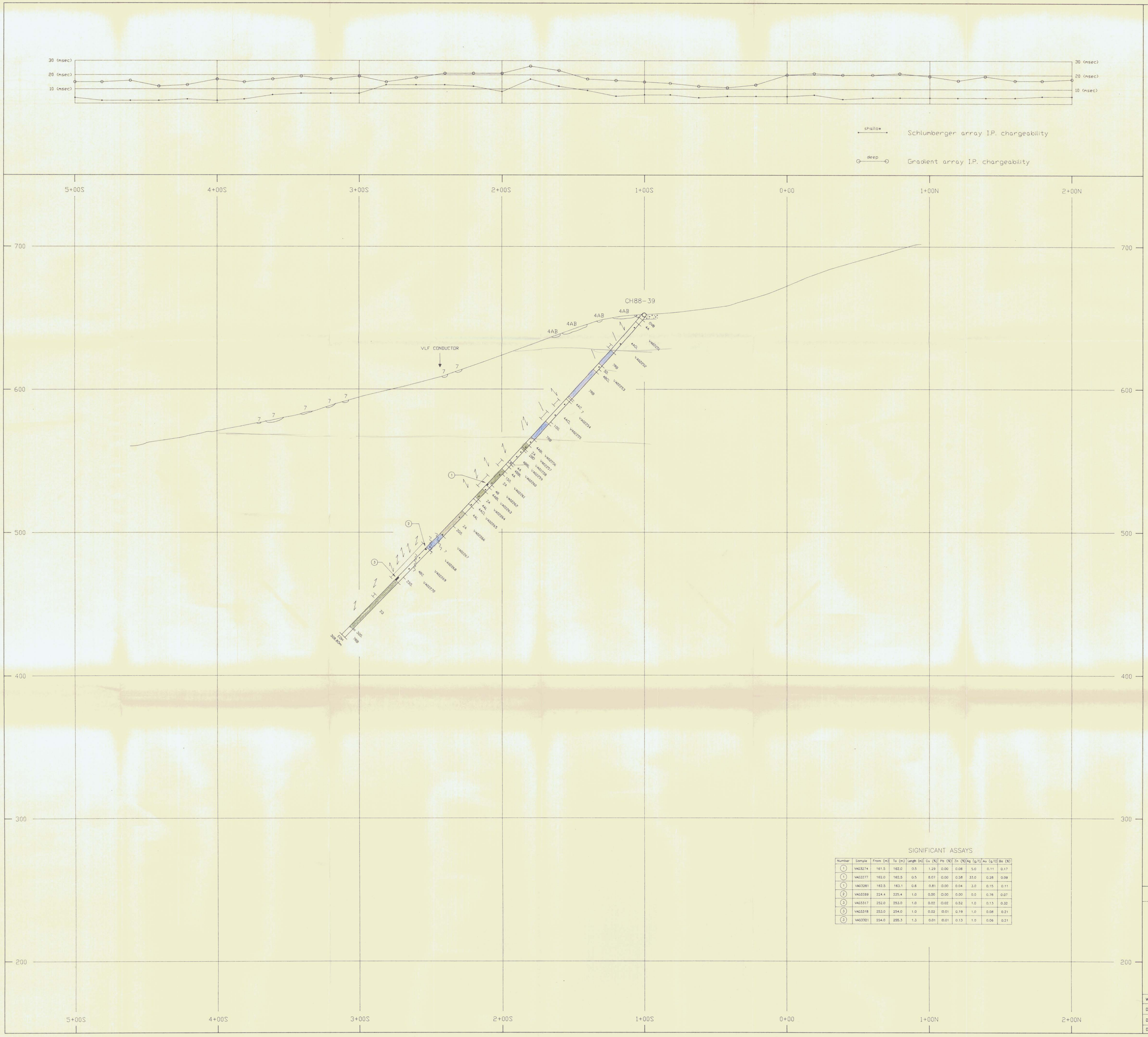
Vancouver Island, British Columbia

SECTION 47+00 EAST

(LOOKING WEST)

HOLES CH87-34, 35, 36 & CH88-38

WORK BY: DPM, SGE, JP			
DATE OF WORK: APRIL 1988	PROJECT NO: 116		FIG NO: 25
DRAWN BY: PW & COMPUTER			
DATE DRAWN: OCT 14 1988	N.T.S. NO.: 092B/13W		



SIGNIFICANT ASSAYS

Number	Sample	From (m)	To (m)	Length (m)	Cu (%)	Pb (%)	Zn (%)	Ag (g/t)	Au (g/t)	Ba (%)
1	VA03274	161.5	162.0	0.5	1.29	0.00	0.06	5.0	0.11	0.17
1	VA03277	162.0	162.5	0.5	8.07	0.00	0.58	33.0	0.28	0.09
1	VA03281	162.5	163.1	0.6	0.81	0.00	0.04	3.0	0.15	0.11
2	VA03289	224.4	225.4	1.0	0.00	0.00	0.00	0.0	0.76	0.07
3	VA03317	252.0	253.0	1.0	0.02	0.02	0.52	1.0	0.13	0.32
3	VA03318	253.0	254.0	1.0	0.02	0.01	0.19	1.0	0.08	0.21
3	VA03321	254.0	255.3	1.3	0.01	0.01	0.13	1.0	0.06	0.21

LEGEND

MAJOR ROCK UNITS

- 11 Nanaimo Sediments
- 10 Late Mafic Intrusions
- 9 Felsic Intrusive Rocks
- 8 Intermediate Intrusive Rocks
- 7 Mafic Intrusive Rocks
- 6 Ultramafic Intrusive Rocks
- 5 Sedimentary Rocks
- 4 Felsic Volcanic Rocks
- 3 Intermediate Volcanic Rocks
- 2 Mafic Volcanic Rocks
- 1 Ultramafic Volcanic Rocks

ROCK UNIT LETTER QUALIFIERS

The second letter indicates the type of rock; if omitted a dash should be inserted if a third letter is used.

- A Tuff
- B Lapilli Tuff
- C Tuff Breccia
- D Massive Flow
- E Pillowed Flow
- F Flow Breccia
- G Pillow Breccia
- H Intrusive
- I Argillite
- J Siltstone
- K Wacke
- L Conglomerate
- M Chert
- N Iron Formation
- O Limestone
- P Exhalite/Sulphides
- Q Tuffaceous Sediments
- R Fine Grained
- S Medium Grained
- T Coarse Grained

The third and fourth letters are placed in alphabetical order; they are optional and further define the rock.

- A Quartz Phyric
- B Feldspar Phyric
- C Quartz–Felspar Phyric
- D Mafic Phyric
- E Mafic–Feldspar Phyric
- F Amygdaloidal
- G Spherulitic
- H Variolitic
- I Leucocratic
- J Melanocratic
- K Bedded
- L Chloritic
- M Graphitic
- N Calcareous
- O Argillaceous
- P Siliceous/Cherty
- Q Sheared
- R Massive
- S Lithic

SYMBOLS

- Overburden
- Bedding
- Foliation
- Fault
- Stratigraphic top
- VA01245 Whole rock sample
- Significant intersections
- Geochemical/assay sample interval
- Geological contact (inferred)
- Felsic–mafic contact

- u Unconformity
- FZ Fault zone
- FB Fault breccia
- CAS Casing
- py Pyrite
- cpy Chalcopyrite
- po Pyrrhotite
- sp Sphalerite
- ga Galena

0 20 40 60 80 M

SCALE 1 : 1000

FALCONBRIDGE LIMITED

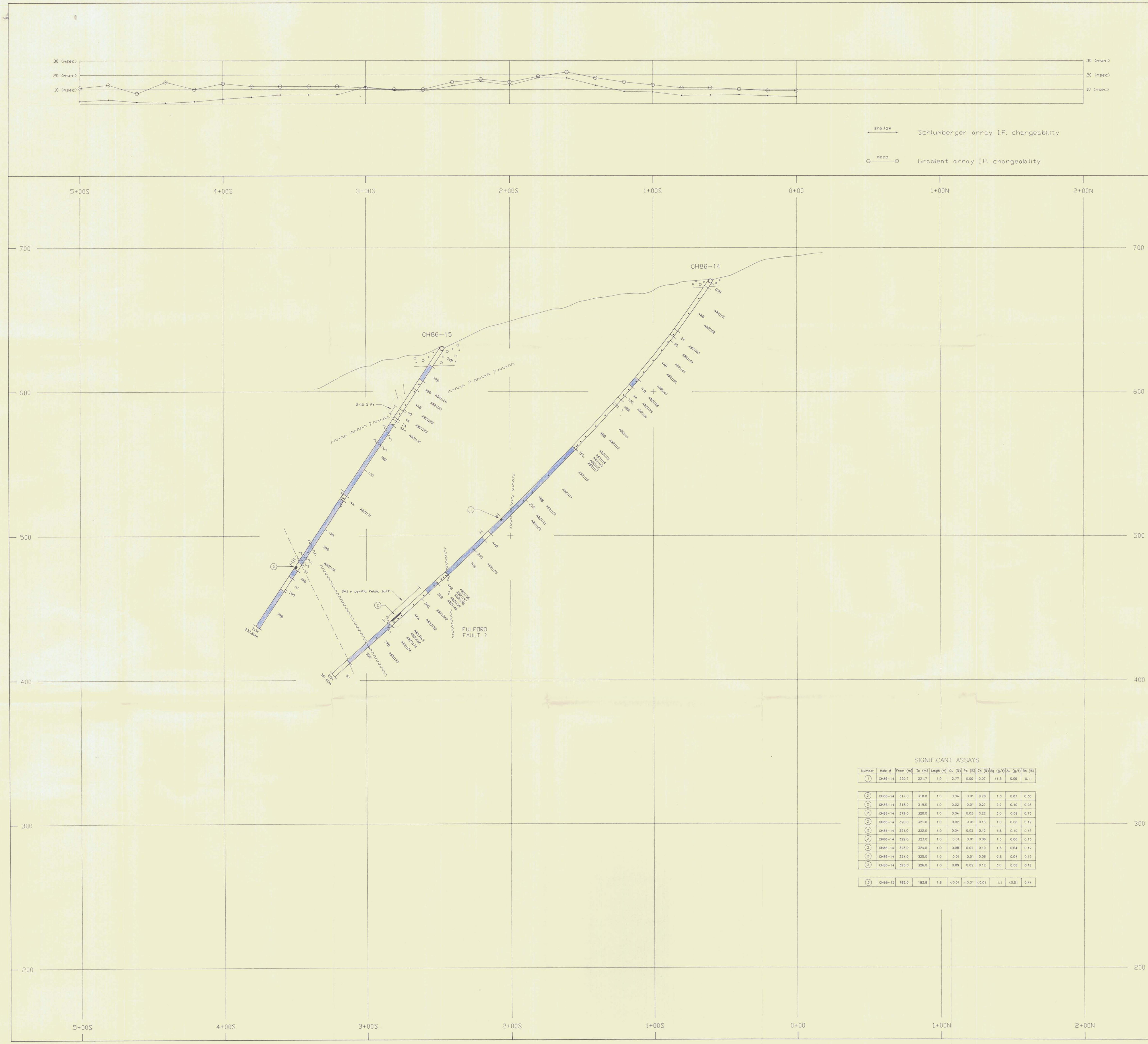
CHEMAINUS JOINT VENTURE

Vancouver Island, British Columbia

SECTION 48+00 EAST

HOLE CH88-39

WORK BY: JP			
DATE OF WORK: APRIL 1988	PROJECT NO:		FIG NO:
DRAWN BY: PW & COMPUTER	116		26
DATE DRAWN: SEPT 9 1988	N.T.S. NO.: 092B/13W		



SIGNIFICANT ASSAYS

Number	Hole #	From (m)	To (m)	Length (m)	Cu (%)	Pb (%)	Zn (%)	Ag (g/t)	Au (g/t)	Ba (%)
1	CH86-14	220.7	221.7	1.0	2.77	0.00	0.07	11.3	0.09	0.11
2	CH86-14	317.0	318.0	1.0	0.04	0.01	0.28	1.6	0.07	0.30
2	CH86-14	318.0	319.0	1.0	0.02	0.01	0.27	2.2	0.10	0.25
2	CH86-14	319.0	320.0	1.0	0.04	0.03	0.22	3.0	0.09	0.15
2	CH86-14	320.0	321.0	1.0	0.02	0.01	0.13	1.0	0.06	0.12
2	CH86-14	321.0	322.0	1.0	0.04	0.02	0.12	1.8	0.10	0.13
2	CH86-14	322.0	323.0	1.0	0.01	0.01	0.06	1.3	0.06	0.13
2	CH86-14	323.0	324.0	1.0	0.08	0.02	0.10	1.6	0.04	0.12
2	CH86-14	324.0	325.0	1.0	0.01	0.01	0.06	0.8	0.04	0.13
2	CH86-14	325.0	326.0	1.0	0.09	0.02	0.12	3.0	0.08	0.12
3	CH86-15	182.0	183.8	1.8	<0.01	<0.01	<0.01	1.1	<0.01	0.44

LEGEND

MAJOR ROCK UNITS

- 11 Nanaimo Sediments
- 10 Late Mafic Intrusions
- 9 Felsic Intrusive Rocks
- 8 Intermediate Intrusive Rocks
- 7 Mafic Intrusive Rocks
- 6 Ultramafic Intrusive Rocks
- 5 Sedimentary Rocks
- 4 Felsic Volcanic Rocks
- 3 Intermediate Volcanic Rocks
- 2 Mafic Volcanic Rocks
- 1 Ultramafic Volcanic Rocks

ROCK UNIT LETTER QUALIFIERS

The second letter indicates the type of rock; if omitted a dash should be inserted if a third letter is used.

A Tuff
B Lapilli Tuff
C Tuff Breccia
D Massive Flow
E Pillowed Flow
F Flow Breccia
G Pillow Breccia
H Intrusive
I Argillite
J Siltstone
K Wacke
L Conglomerate
M Chert
N Iron Formation
O Limestone
P Exhalite/Sulphides
Q Tuffaceous Sediments
R Fine Grained
S Medium Grained
T Coarse Grained

The third and fourth letters are placed in alphabetical order; they are optional and further define the rock.

A Quartz Phyric
B Feldspar Phyric
C Quartz-Felspar Phyric
D Mafic Phyric
E Mafic-Feldspar Phyric
F Amygdaloidal
G Spherulitic
H Variolitic
I Leucocratic
J Melanocratic
K Bedded
L Chloritic
M Graphitic
N Calcareous
O Argillaceous
P Siliceous/Cherty
Q Sheared
R Massive
S Lithic

SYMBOLS

Overburden
Bedding
Foliation
Fault
Stratigraphic top
VA01245 Whole rock sample
Significant intersections
Geochemical/assay sample interval
Geological contact (inferred)
Felsic-mafic contact

u Unconformity
FZ Fault zone
FB Fault breccia
CAS Casing
py Pyrite
cpy Chalcopyrite
po Pyrrhotite
sp Sphalerite
ga Galena

0 20 40 60 80 M
SCALE 1 : 1000

FALCONBRIDGE LIMITED

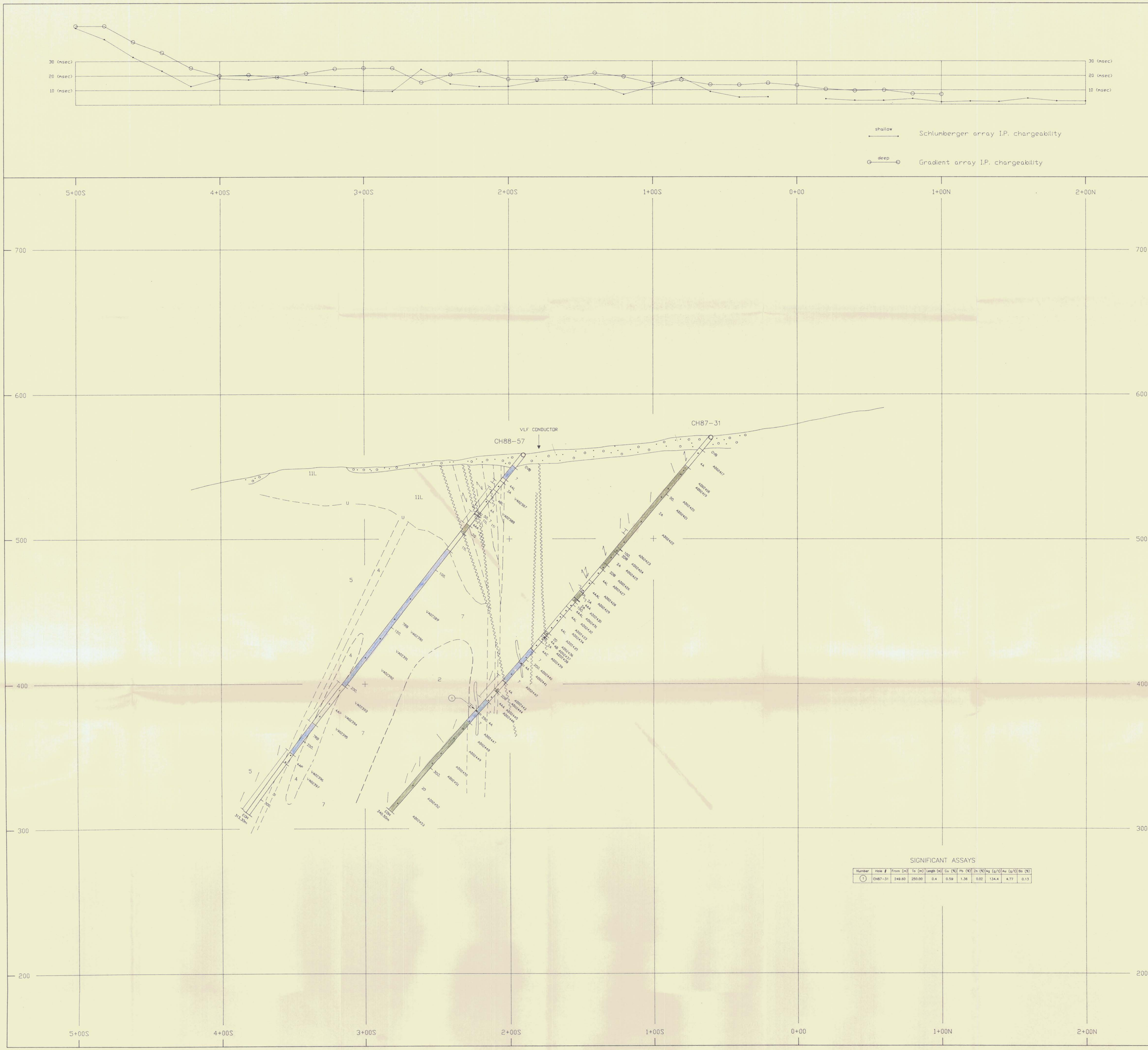
CHEMAINUS JOINT VENTURE
Vancouver Island, British Columbia

SECTION 49+00 EAST

(LOOKING WEST)

HOLES CH86-14, CH86-15

WORK BY: SGE			
DATE OF WORK: JULY 1987	PROJECT NO:	FIG NO:	
DRAWN BY: PW & COMPUTER	116	27	
DATE DRAWN: OCT 15 1988	N.T.S. NO.: 092B/13W		



LEGEND

MAJOR ROCK UNITS

11	Nanaimo Sediments
10	Late Mafic Intrusions
9	Felsic Intrusive Rocks
8	Intermediate Intrusive Rocks
7	Mafic Intrusive Rocks
6	Ultramafic Intrusive Rocks
5	Sedimentary Rocks
4	Felsic Volcanic Rocks
3	Intermediate Volcanic Rocks
2	Mafic Volcanic Rocks
1	Ultramafic Volcanic Rocks

ROCK UNIT LETTER QUALIFIERS

The second letter indicates the type of rock; if omitted a dash should be inserted if a third letter is used.

A Tuff
B Lapilli Tuff
C Tuff Breccia
D Massive Flow
E Pillowed Flow
F Flow Breccia
G Pillow Breccia
H Intrusive
I Argillite
J Siltstone
K Wacke
L Conglomerate
M Chert
N Iron Formation
O Limestone
P Exhalite/Sulphides
Q Tuffaceous Sediments
R Fine Grained
S Medium Grained
T Coarse Grained

The third and fourth letters are placed in alphabetical order; they are optional and further define the rock.

A Quartz Phyric
B Feldspar Phyric
C Quartz-Felspar Phyric
D Mafic Phyric
E Mafic-Feldspar Phyric
F Amygdaloidal
G Spherulitic
H Variolitic
I Leucocratic
J Melanocratic
K Bedded
L Chloritic
M Graphitic
N Calcareous
O Argillaceous
P Siliceous/Cherty
Q Sheared
R Massive
S Lithic

SYMBOLS

Overburden
Bedding
Foliation
Fault
Stratigraphic top
VA01245 Whole rock sample
Significant intersections
Geochemical/assay sample interval
Geological contact (inferred)
Felsic-mafic contact

u Unconformity
FZ Fault zone
FB Fault breccia
CAS Casing
py Pyrite
cpy Chalcopyrite
po Pyrrhotite
sp Sphalerite
ga Galena

SIGNIFICANT ASSAYS

Number	Hole #	From (m)	To (m)	Length (m)	Cu (%)	Pb (%)	Zn (%)	Ag (g/t)	Au (g/t)	Ba (%)
1	CH87-31	249.60	250.00	0.4	0.59	1.36	0.02	134.4	4.77	0.13

0 20 40 60 80 M
SCALE 1 : 1000

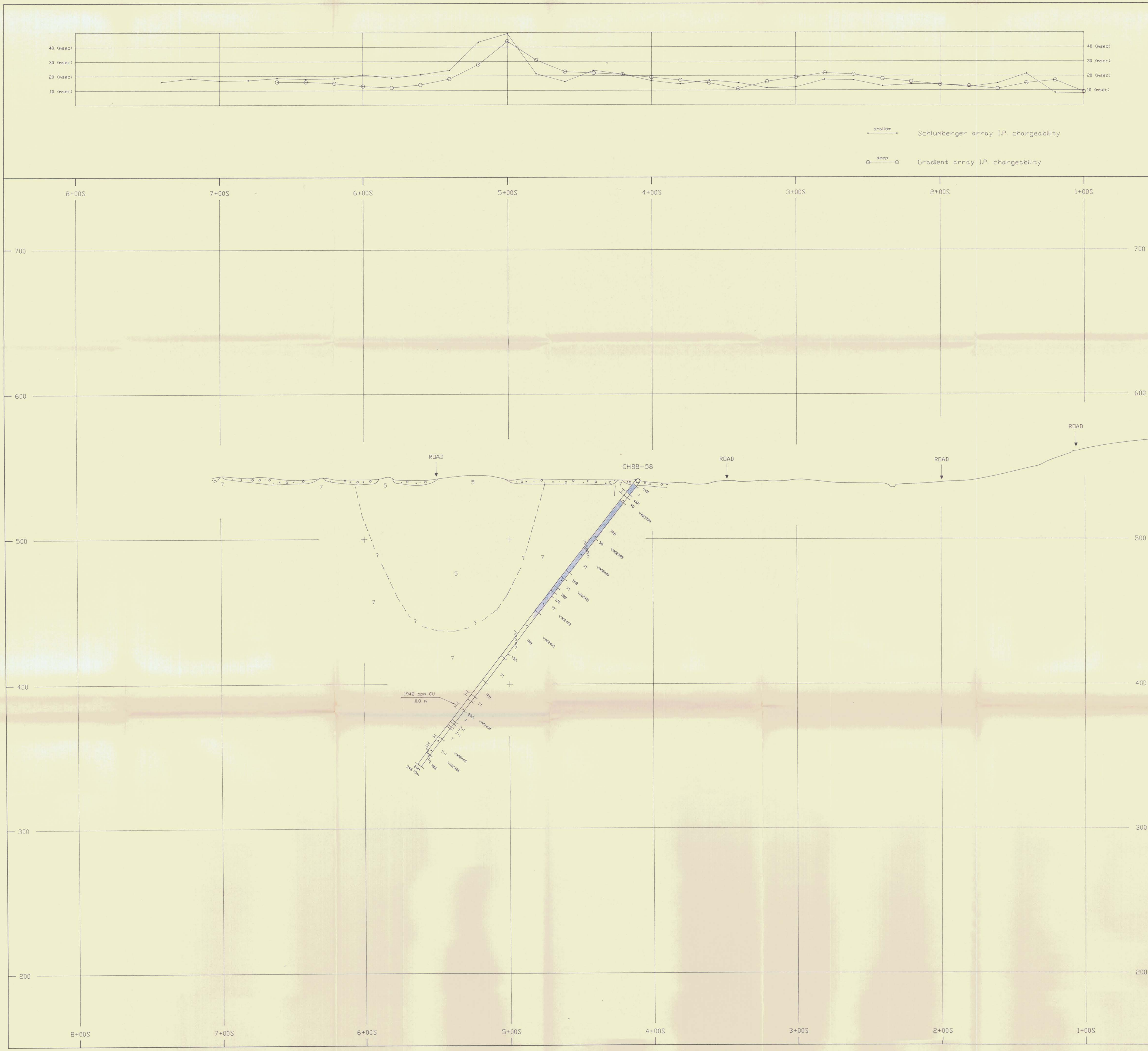
FALCONBRIDGE LIMITED

CHEMAINUS JOINT VENTURE
Vancouver Island, British Columbia

SECTION 40+00 EAST

HOLES CH87-31, CH88-57

WORK BY: JP	PROJECT NO: 116	FIG NO: 29
DATE OF WORK: MAY 1988		
DRAWN BY: PW & COMPUTER		
DATE DRAWN: OCT 19 1988	N.T.S. NO.: 092B/13W	



LEGEND

MAJOR ROCK UNITS

11	Nanaimo Sediments
10	Late Mafic Intrusions
9	Felsic Intrusive Rocks
8	Intermediate Intrusive Rocks
7	Mafic Intrusive Rocks
6	Ultramafic Intrusive Rocks
5	Sedimentary Rocks
4	Felsic Volcanic Rocks
3	Intermediate Volcanic Rocks
2	Mafic Volcanic Rocks
1	Ultramafic Volcanic Rocks

ROCK UNIT LETTER QUALIFIERS

The second letter indicates the type of rock; if omitted a dash should be inserted if a third letter is used.

A	Tuff	K	Wacke
B	Lapilli Tuff	L	Conglomerate
C	Tuff Breccia	M	Chert
D	Massive Flow	N	Iron Formation
E	Pillowed Flow	O	Limestone
F	Flow Breccia	P	Exhalite/Sulphides
G	Pillow Breccia	Q	Tuffaceous Sediments
H	Intrusive	R	Fine Grained
I	Argillite	S	Medium Grained
J	Siltstone	T	Coarse Grained

The third and fourth letters are placed in alphabetical order; they are optional and further define the rock.

A	Quartz Phyric	J	Melanocratic
B	Feldspar Phyric	K	Bedded
C	Quartz-Felspar Phyric	L	Chloritic
D	Mafic Phyric	M	Graphitic
E	Mafic-Feldspar Phyric	N	Calcareous
F	Amygdaloidal	O	Argillaceous
G	Spherulitic	P	Siliceous/Cherty
H	Variolitic	Q	Sheared
I	Leucocratic	R	Massive
		S	Lithic

SYMBOLS

Overburden
Bedding
Foliation
Fault
Stratigraphic top
VA01245 Whole rock sample
Significant intersections
Geochemical/assay sample interval
Geological contact (inferred)
Felsic-mafic contact

u	Unconformity	py	Pyrite
FZ	Fault zone	cpy	Chalcopyrite
FB	Fault breccia	po	Pyrrhotite
CAS	Casing	sp	Sphalerite
		ga	Galena

0 20 40 60 80 M
SCALE 1 : 1000

FALCONBRIDGE LIMITED

CHEMAINUS JOINT VENTURE
Vancouver Island, British Columbia

SECTION 39+00 EAST

HOLE CH88-58

WORK BY: JP		
DATE OF WORK: MAY 1988	PROJECT NO: 116	FIG NO: 28
DRAWN BY: PW & COMPUTER		
DATE DRAWN: OCT 15 1988	N.T.S. NO.: 092B/13	

LEGEND

MAJOR ROCK UNITS

11	Nanaimo Sediments
10	Late Mafic Intrusions
9	Felsic Intrusive Rocks
8	Intermediate Intrusive Rocks
7	Mafic Intrusive Rocks
6	Ultramafic Intrusive Rocks
5	Sedimentary Rocks
4	Felsic Volcanic Rocks
3	Intermediate Volcanic Rocks
2	Mafic Volcanic Rocks
1	Ultramafic Volcanic Rocks

ROCK UNIT LETTER QUALIFIERS

The second letter indicates the type of rock; if omitted a dash should be inserted if a third letter is used.

A	Tuff	K	Wacke
B	Lapilli Tuff	L	Conglomerate
C	Tuff Breccia	M	Chert
D	Massive Flow	N	Iron Formation
E	Pillowed Flow	O	Limestone
F	Flow Breccia	P	Exhalite/Sulphides
G	Pillow Breccia	Q	Tuffaceous Sediments
H	Intrusive	R	Fine Grained
I	Argillite	S	Medium Grained
J	Siltstone	T	Coarse Grained

The third and fourth letters are placed in alphabetical order; they are optional and further define the rock.

A	Quartz Phyric	J	Melanocratic
B	Feldspar Phyric	K	Bedded
C	Quartz-Felspar Phyric	L	Chloritic
D	Mafic Phyric	M	Graphitic
E	Mafic-Feldspar Phyric	N	Calcareous
F	Amygdaloidal	O	Argillaceous
G	Spherulitic	P	Siliceous/Cherty
H	Variolitic	Q	Sheared
I	Leucocratic	R	Massive
		S	Lithic

SYMBOLS

Overburden
Bedding
Foliation
Fault
Stratigraphic top
VA01245 Whole rock sample
Significant intersections
Geochemical/assay sample interval
Geological contact (inferred)
Felsic-mafic contact

u	Unconformity	py	Pyrite
FZ	Fault zone	cpy	Chalcopyrite
FB	Fault breccia	po	Pyrrhotite
CAS	Casing	sp	Sphalerite
		ga	Galena

0 20 40 60 80 M

SCALE 1 : 1000

FALCONBRIDGE LIMITED

CHEMAINUS JOINT VENTURE

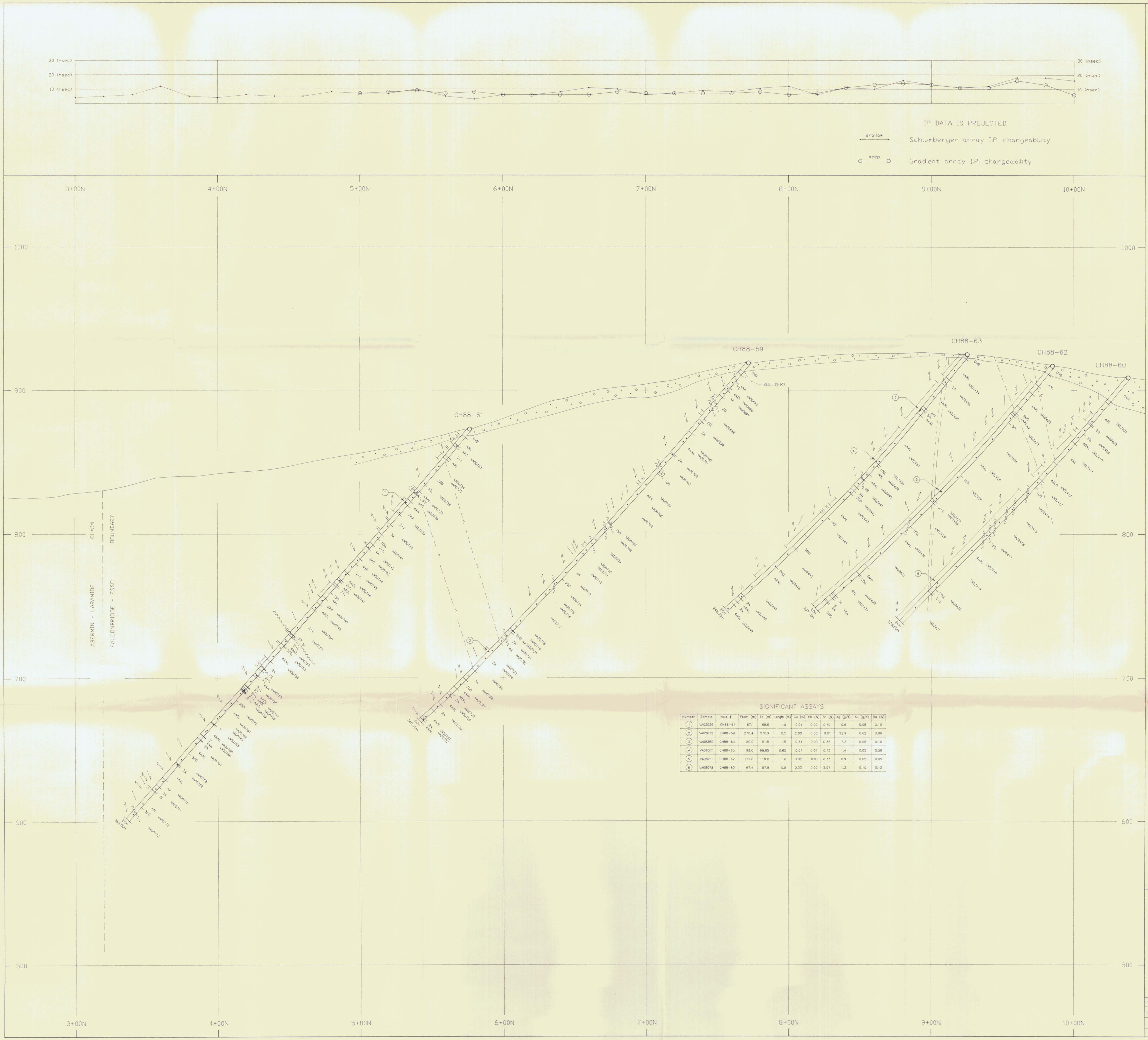
Vancouver Island, British Columbia

SECTION 30+00 EAST

(NORTH HALF)

HOLE CH88-42

WORK BY: DPM		
DATE OF WORK: MAY 1988	PROJECT NO: 116	FIG NO: 31
DRAWN BY: PW & COMPUTER		
DATE DRAWN: OCT 4 1988	N.T.S. NO.: 092B/13W	



SIGNIFICANT ASSAYS

Number	Sample	Hole #	From (m)	To (m)	Length (m)	Cu (%)	Pb (%)	Zn (%)	Ag (g/t)	Au (g/t)	Ba (%)
1	VA02029	CH88-61	67.1	68.6	1.5	0.01	0.00	0.40	0.6	0.08	0.10
2	VA02012	CH88-59	270.4	270.9	0.5	2.80	0.00	0.01	22.9	0.62	0.06
3	VA08350	CH88-63	50.0	51.5	1.5	0.31	0.09	0.36	7.2	0.05	0.10
4	VA08371	CH88-63	98.0	98.65	0.65	0.01	0.07	0.15	1.4	0.05	0.56
5	VA08211	CH88-62	117.0	118.0	1.0	0.02	0.01	0.33	0.9	0.05	0.05
6	VA08078	CH88-60	197.4	197.9	0.5	0.03	0.00	2.04	1.3	0.10	0.12

LEGEND

MAJOR ROCK UNITS

11	Nanaimo Sediments
10	Late Mafic Intrusions
9	Felsic Intrusive Rocks
8	Intermediate Intrusive Rocks
7	Mafic Intrusive Rocks
6	Ultramafic Intrusive Rocks
5	Sedimentary Rocks
4	Felsic Volcanic Rocks
3	Intermediate Volcanic Rocks
2	Mafic Volcanic Rocks
1	Ultramafic Volcanic Rocks

ROCK UNIT LETTER QUALIFIERS

The second letter indicates the type of rock; if omitted a dash should be inserted if a third letter is used.

A	Tuff	K	Wacke
B	Lapilli Tuff	L	Conglomerate
C	Tuff Breccia	M	Chert
D	Massive Flow	N	Iron Formation
E	Pillowed Flow	O	Limestone
F	Flow Breccia	P	Exhalite/Sulphides
G	Pillow Breccia	Q	Tuffaceous Sediments
H	Intrusive	R	Fine Grained
I	Argillite	S	Medium Grained
J	Siltstone	T	Coarse Grained

The third and fourth letters are placed in alphabetical order; they are optional and further define the rock.

A	Quartz Phyric	J	Melanocratic
B	Feldspar Phyric	K	Bedded
C	Quartz-Felspar Phyric	L	Chloritic
D	Mafic Phyric	M	Graphitic
E	Mafic-Feldspar Phyric	N	Calcareous
F	Amygdaloidal	O	Argillaceous
G	Spherulitic	P	Siliceous/Cherty
H	Variolitic	Q	Sheared
I	Leucocratic	R	Massive
		S	Lithic

SYMBOLS

- Overburden
- Bedding
- Foliation
- Fault
- Stratigraphic top
- VA01245 Whole rock sample
- Significant intersections
- Geochemical/assay sample interval
- Geological contact (inferred)
- Felsic-mafic contact

U	Unconformity	py	Pyrite
FZ	Fault zone	cpy	Chalcopyrite
FB	Fault breccia	po	Pyrrhotite
CAS	Casing	sp	Sphalerite
		ga	Galena

0 20 40 60 80 M

SCALE 1 : 1000

FALCONBRIDGE LIMITED

CHEMAINUS JOINT VENTURE

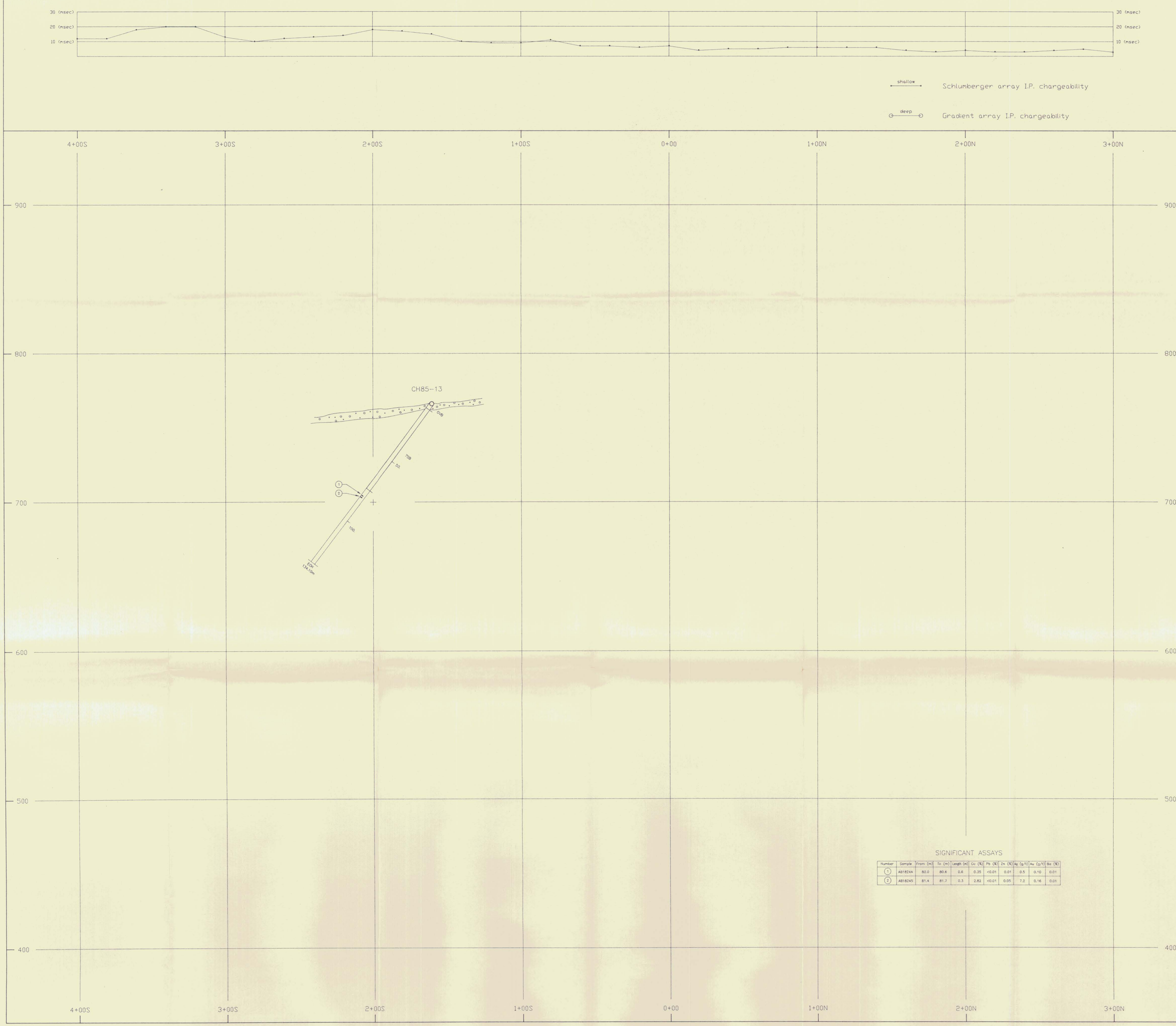
Vancouver Island, British Columbia

SECTION 50+00' WEST (asz 210)

HOLYOAK 3 AREA

HOLES CH88-59, 60, 61, 62, 63

WORK BY: DPM, JP, MVG, SGC		
DATE OF WORK: MAY-JUN 1988	PROJECT NO: 116	FIG NO: 34
DRAWN BY: PW & COMPUTER		
DATE DRAWN: OCT 5 1988	N.T.S. NO.: 092B/13W	



LEGEND

MAJOR ROCK UNITS

11	Nanaimo Sediments
10	Late Mafic Intrusions
9	Felsic Intrusive Rocks
8	Intermediate Intrusive Rocks
7	Mafic Intrusive Rocks
6	Ultramafic Intrusive Rocks
5	Sedimentary Rocks
4	Felsic Volcanic Rocks
3	Intermediate Volcanic Rocks
2	Mafic Volcanic Rocks
1	Ultramafic Volcanic Rocks

ROCK UNIT LETTER QUALIFIERS

The second letter indicates the type of rock; if omitted a dash should be inserted if a third letter is used.

A Tuff
B Lapilli Tuff
C Tuff Breccia
D Massive Flow
E Pillowed Flow
F Flow Breccia
G Pillow Breccia
H Intrusive
I Argillite
J Siltstone
K Wacke
L Conglomerate
M Chert
N Iron Formation
O Limestone
P Exhalite/Sulphides
Q Tuffaceous Sediments
R Fine Grained
S Medium Grained
T Coarse Grained

The third and fourth letters are placed in alphabetical order; they are optional and further define the rock.

A Quartz Phyric
B Feldspar Phyric
C Quartz-Felspar Phyric
D Mafic Phyric
E Mafic-Feldspar Phyric
F Amygdaloidal
G Spherulitic
H Variolitic
I Leucocratic
J Melanocratic
K Bedded
L Chloritic
M Graphitic
N Calcareous
O Argillaceous
P Siliceous/Cherty
Q Sheared
R Massive
S Lithic

SYMBOLS

Overburden
Bedding
Foliation
Fault
Stratigraphic top
VA01245 Whole rock sample
Significant intersections
Geochemical/assay sample interval
Geological contact (inferred)
Felsic-mafic contact

u Unconformity
FZ Fault zone
FB Fault breccia
CAS Casing
py Pyrite
cpy Chalcopyrite
po Pyrrhotite
sp Sphalerite
ga Galena

0 20 40 60 80 M
SCALE 1 : 1000

SIGNIFICANT ASSAYS

Number	Sample	From (m)	To (m)	Length (m)	Cu (%)	Pb (%)	Zn (%)	Ag (g/t)	Au (g/t)	Ba (%)
1	AB18244	80.0	80.6	0.6	0.35	<0.01	0.01	0.5	0.10	0.01
2	AB18245	81.4	81.7	0.3	2.82	<0.01	0.05	7.2	0.16	0.01

FALCONBRIDGE LIMITED

CHEMAINUS JOINT VENTURE

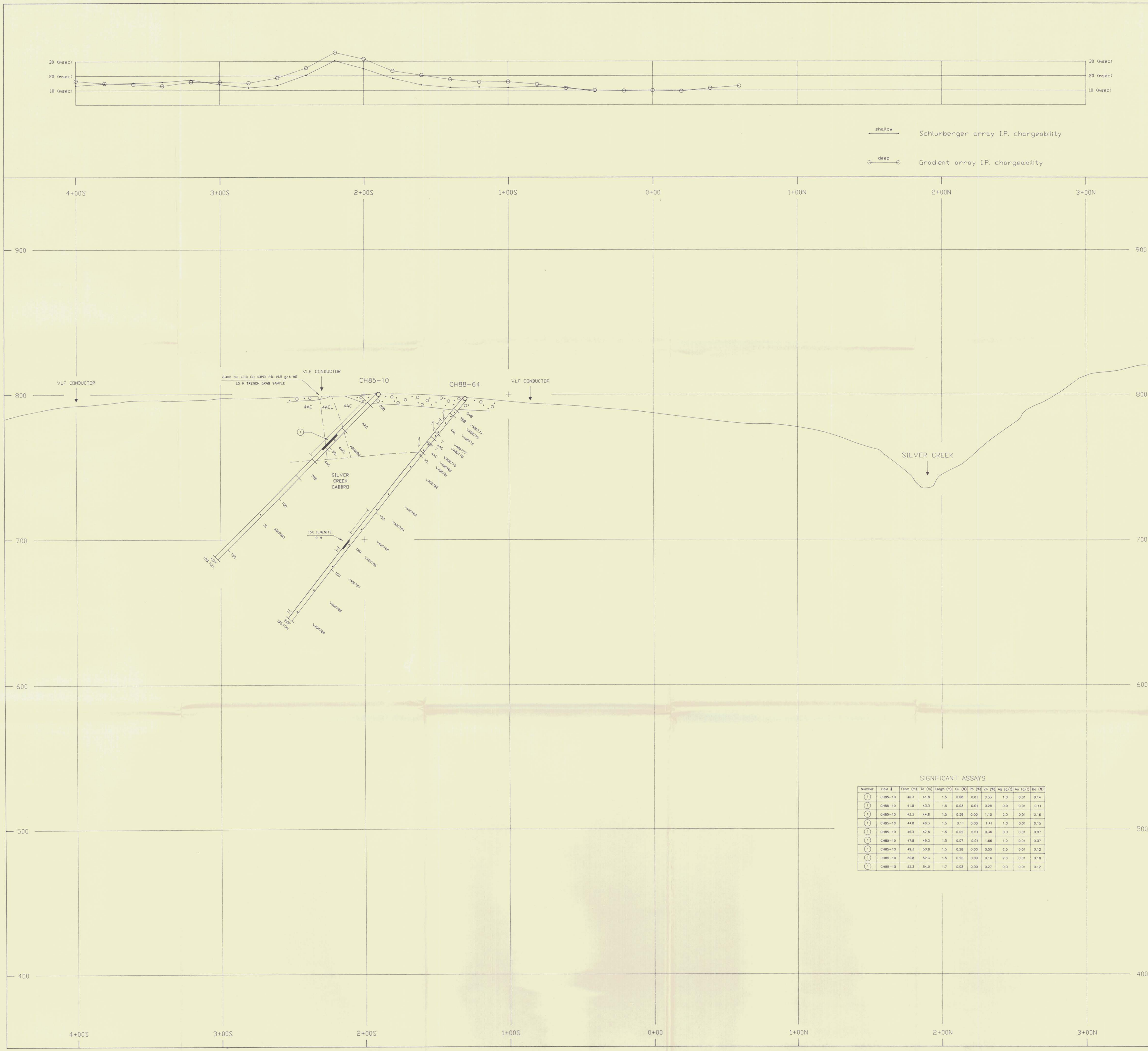
Vancouver Island, British Columbia

SILVER CREEK AREA

SECTION 32+00 WEST

HOLE CH85-13

WORK BY: SE			
DATE OF WORK: SEPT 1985	PROJECT NO:	116	FIG NO: 37
DRAWN BY: PW & COMPUTER			
DATE DRAWN: OCT 21 1988	N.T.S. NO.: 092B/13W		



SIGNIFICANT ASSAYS

Number	Hole #	From (m)	To (m)	Length (m)	Cu (%)	Pb (%)	Zn (%)	Ag (g/t)	Au (g/t)	Ba (%)
1	CH85-10	40.3	41.8	1.5	0.08	0.01	0.33	1.0	0.01	0.14
1	CH85-10	41.8	43.3	1.5	0.03	0.01	0.28	0.0	0.01	0.11
1	CH85-10	43.3	44.8	1.5	0.39	0.00	1.10	2.0	0.01	0.16
1	CH85-10	44.8	46.3	1.5	0.11	0.00	1.41	1.0	0.01	0.15
1	CH85-10	46.3	47.8	1.5	0.02	0.01	0.36	0.0	0.01	0.07
1	CH85-10	47.8	49.3	1.5	0.07	0.01	1.66	1.0	0.01	0.07
1	CH85-10	49.3	50.8	1.5	0.28	0.00	0.50	2.0	0.01	0.12
1	CH85-10	50.8	52.3	1.5	0.26	0.00	0.16	2.0	0.01	0.10
1	CH85-10	52.3	54.0	1.7	0.03	0.00	0.27	0.0	0.01	0.12

LEGEND

MAJOR ROCK UNITS

- 11 Nanaimo Sediments
- 10 Late Mafic Intrusions
- 9 Felsic Intrusive Rocks
- 8 Intermediate Intrusive Rocks
- 7 Mafic Intrusive Rocks
- 6 Ultramafic Intrusive Rocks
- 5 Sedimentary Rocks
- 4 Felsic Volcanic Rocks
- 3 Intermediate Volcanic Rocks
- 2 Mafic Volcanic Rocks
- 1 Ultramafic Volcanic Rocks

ROCK UNIT LETTER QUALIFIERS

The second letter indicates the type of rock; if omitted a dash should be inserted if a third letter is used.

A	Tuff	K	Wacke
B	Lapilli Tuff	L	Conglomerate
C	Tuff Breccia	M	Chert
D	Massive Flow	N	Iron Formation
E	Pillowed Flow	O	Limestone
F	Flow Breccia	P	Exhalite/Sulphides
G	Pillow Breccia	Q	Tuffaceous Sediments
H	Intrusive	R	Fine Grained
I	Argillite	S	Medium Grained
J	Siltstone	T	Coarse Grained

The third and fourth letters are placed in alphabetical order; they are optional and further define the rock.

A	Quartz Phyric	J	Melanocratic
B	Feldspar Phyric	K	Bedded
C	Quartz-Felspar Phyric	L	Chloritic
D	Mafic Phyric	M	Graphitic
E	Mafic-Feldspar Phyric	N	Calcareous
F	Amygdaloidal	O	Argillaceous
G	Spherulitic	P	Siliceous/Cherty
H	Variolitic	Q	Sheared
I	Leucocratic	R	Massive
		S	Lithic

SYMBOLS

- Overburden
- Bedding
- Foliation
- Fault
- Stratigraphic top
- VA01245 Whole rock sample
- Significant intersections
- Geochemical/assay sample interval
- Geological contact (inferred)
- Felsic-mafic contact

u	Unconformity	py	Pyrite
FZ	Fault zone	cpy	Chalcopyrite
FB	Fault breccia	po	Pyrrhotite
CAS	Casing	sp	Sphalerite
		ga	Galena

0 20 40 60 80 M
SCALE 1 : 1000

FALCONBRIDGE LIMITED

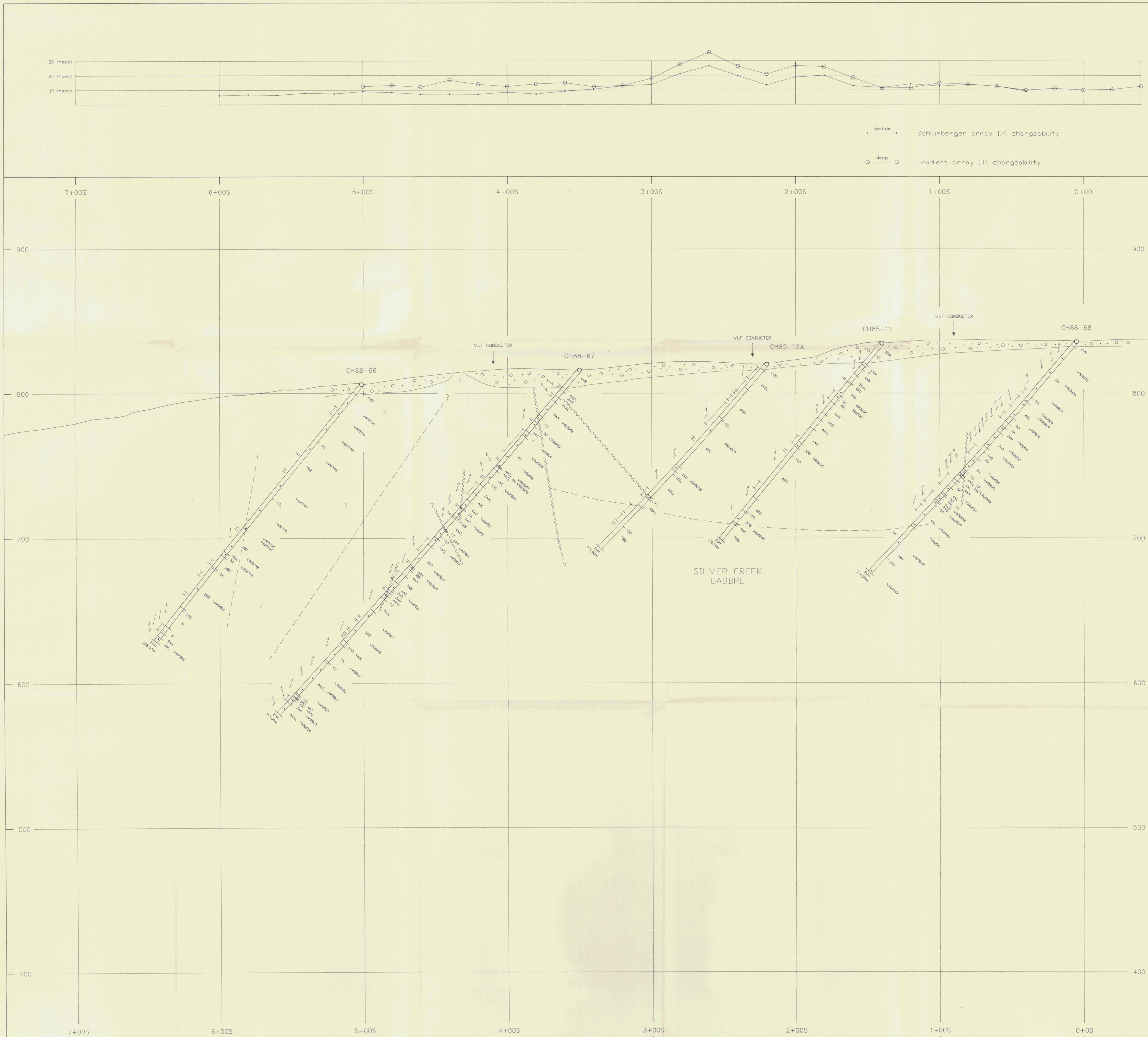
CHEMAINUS JOINT VENTURE
Vancouver Island, British Columbia

SECTION 31+00 WEST

SILVER CREEK AREA

HOLES CH85-10, CH88-64

WORK BY: DPM			
DATE OF WORK: JUNE 1988	PROJECT NO: 116		FIG NO: 38
DRAWN BY: PW & COMPUTER			
DATE DRAWN: OCT 7 1988	N.T.S. NO.: 092B/13W		



LEGEND

MAJOR ROCK UNITS

11	Nanaimo Sediments
10	Late Mafic Intrusions
9	Felsic Intrusive Rocks
8	Intermediate Intrusive Rocks
7	Mafic Intrusive Rocks
6	Ultramafic Intrusive Rocks
5	Sedimentary Rocks
4	Felsic Volcanic Rocks
3	Intermediate Volcanic Rocks
2	Mafic Volcanic Rocks
1	Ultramafic Volcanic Rocks

ROCK UNIT LETTER QUALIFIERS

The second letter indicates the type of rock; if omitted a dash should be inserted if a third letter is used.

A	Tuff	K	Wacke
B	Lapilli Tuff	L	Conglomerate
C	Tuff Breccia	M	Chert
D	Massive Flow	N	Iron Formation
E	Pillowed Flow	O	Limestone
F	Flow Breccia	P	Exhalite/Sulphides
G	Pillow Breccia	Q	Tuffaceous Sediments
H	Intrusive	R	Fine Grained
I	Argillite	S	Medium Grained
J	Siltstone	T	Coarse Grained

The third and fourth letters are placed in alphabetical order; they are optional and further define the rock.

A	Quartz Phyric	J	Melanocratic
B	Feldspar Phyric	K	Bedded
C	Quartz-Felspar Phyric	L	Chloritic
D	Mafic Phyric	M	Graphitic
E	Mafic-Feldspar Phyric	N	Calcareous
F	Amygdaloidal	O	Argillaceous
G	Spherulitic	P	Siliceous/Cherty
H	Variolitic	Q	Sheared
I	Leucocratic	R	Massive
		S	Lithic

SYMBOLS

Overburden
Bedding
Foliation
Fault
Stratigraphic top
VA01245 Whole rock sample
Significant intersections
Geochemical/assay sample interval
Geological contact (inferred)
Felsic-mafic contact

u	Unconformity	py	Pyrite
FZ	Fault zone	cpy	Chalcopyrite
FB	Fault breccia	po	Pyrrhotite
CAS	Casing	sp	Sphalerite
		ga	Galena

0 20 40 60 80 M
SCALE 1 : 1000

FALCONBRIDGE LIMITED

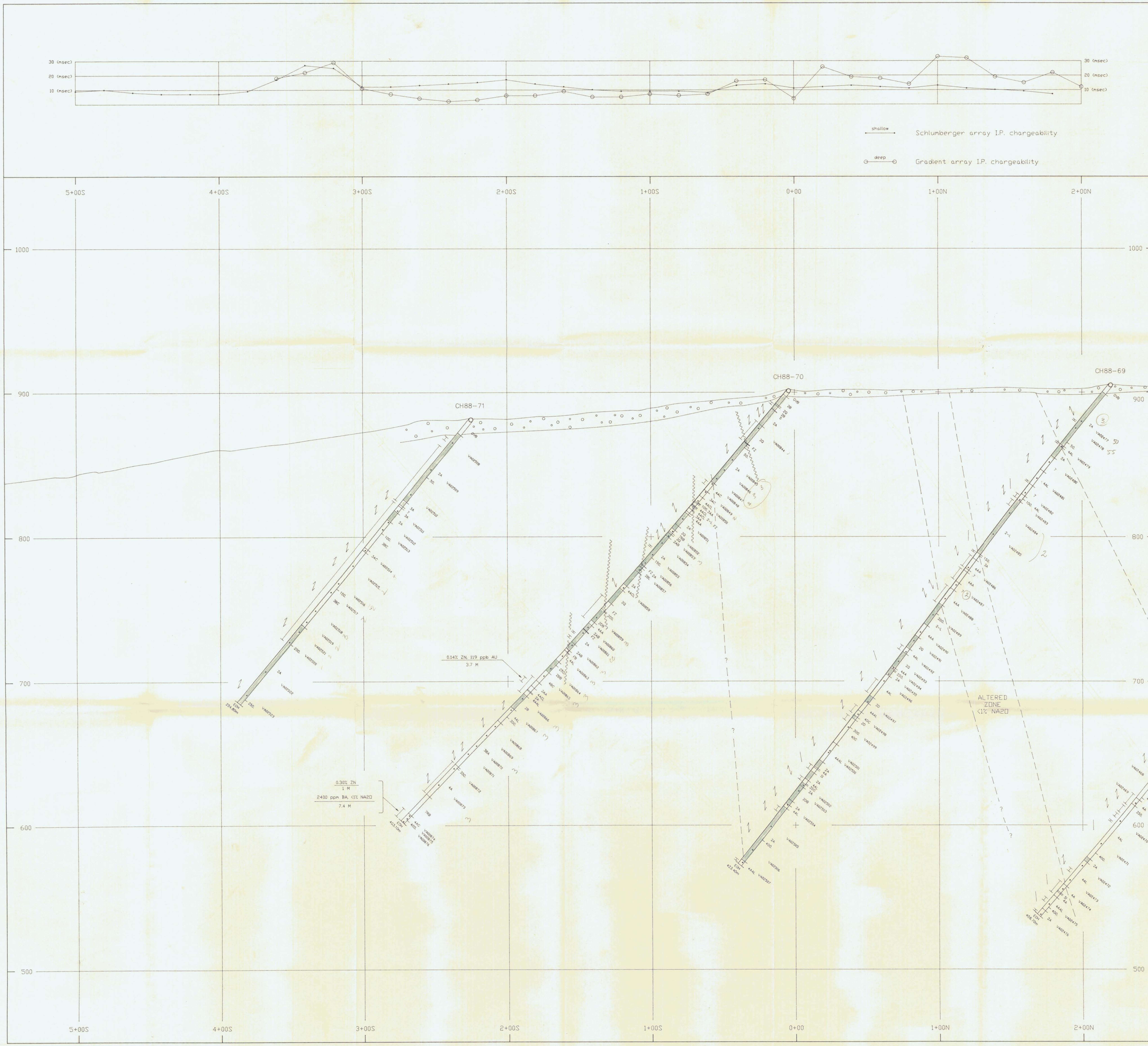
CHEMAINUS JOINT VENTURE
Vancouver Island, British Columbia

SECTION 29+50 WEST

SILVER CREEK AREA

HOLES CH85-11, 12A & CH88-66, 67, 68

WORK BY: DPM		
DATE OF WORK: JUNE 1988	PROJECT NO: 116	FIG NO: 39
DRAWN BY: PW & COMPUTER		
DATE DRAWN: SEPT 30 1988	N.T.S. NO.: 092B/13W	



LEGEND

MAJOR ROCK UNITS

11	Nanaimo Sediments
10	Late Mafic Intrusions
9	Felsic Intrusive Rocks
8	Intermediate Intrusive Rocks
7	Mafic Intrusive Rocks
6	Ultramafic Intrusive Rocks
5	Sedimentary Rocks
4	Felsic Volcanic Rocks
3	Intermediate Volcanic Rocks
2	Mafic Volcanic Rocks
1	Ultramafic Volcanic Rocks

ROCK UNIT LETTER QUALIFIERS

The second letter indicates the type of rock; if omitted a dash should be inserted if a third letter is used.

A	Tuff	K	Wacke
B	Lapilli Tuff	L	Conglomerate
C	Tuff Breccia	M	Chert
D	Massive Flow	N	Iron Formation
E	Pillowed Flow	O	Limestone
F	Flow Breccia	P	Exhalite/Sulphides
G	Pillow Breccia	Q	Tuffaceous Sediments
H	Intrusive	R	Fine Grained
I	Argillite	S	Medium Grained
J	Siltstone	T	Coarse Grained

The third and fourth letters are placed in alphabetical order; they are optional and further define the rock.

A	Quartz Phyric	J	Melanocratic
B	Feldspar Phyric	K	Bedded
C	Quartz-Felspar Phyric	L	Chloritic
D	Mafic Phyric	M	Graphitic
E	Mafic-Feldspar Phyric	N	Calcareous
F	Amygdaloidal	O	Argillaceous
G	Spherulitic	P	Siliceous/Cherty
H	Variolitic	Q	Sheared
I	Leucocratic	R	Massive
		S	Lithic

SYMBOLS

Overburden
Bedding
Foliation
Fault
Stratigraphic top
VA01245 Whole rock sample
Significant intersections
Geochemical/assay sample interval
Geological contact (inferred)
Felsic-mafic contact

u	Unconformity	py	Pyrite
FZ	Fault zone	cpy	Chalcopyrite
FB	Fault breccia	po	Pyrrhotite
CAS	Casing	sp	Sphalerite
		ga	Galena

0 20 40 60 80 M
SCALE 1 : 1000

FALCONBRIDGE LIMITED

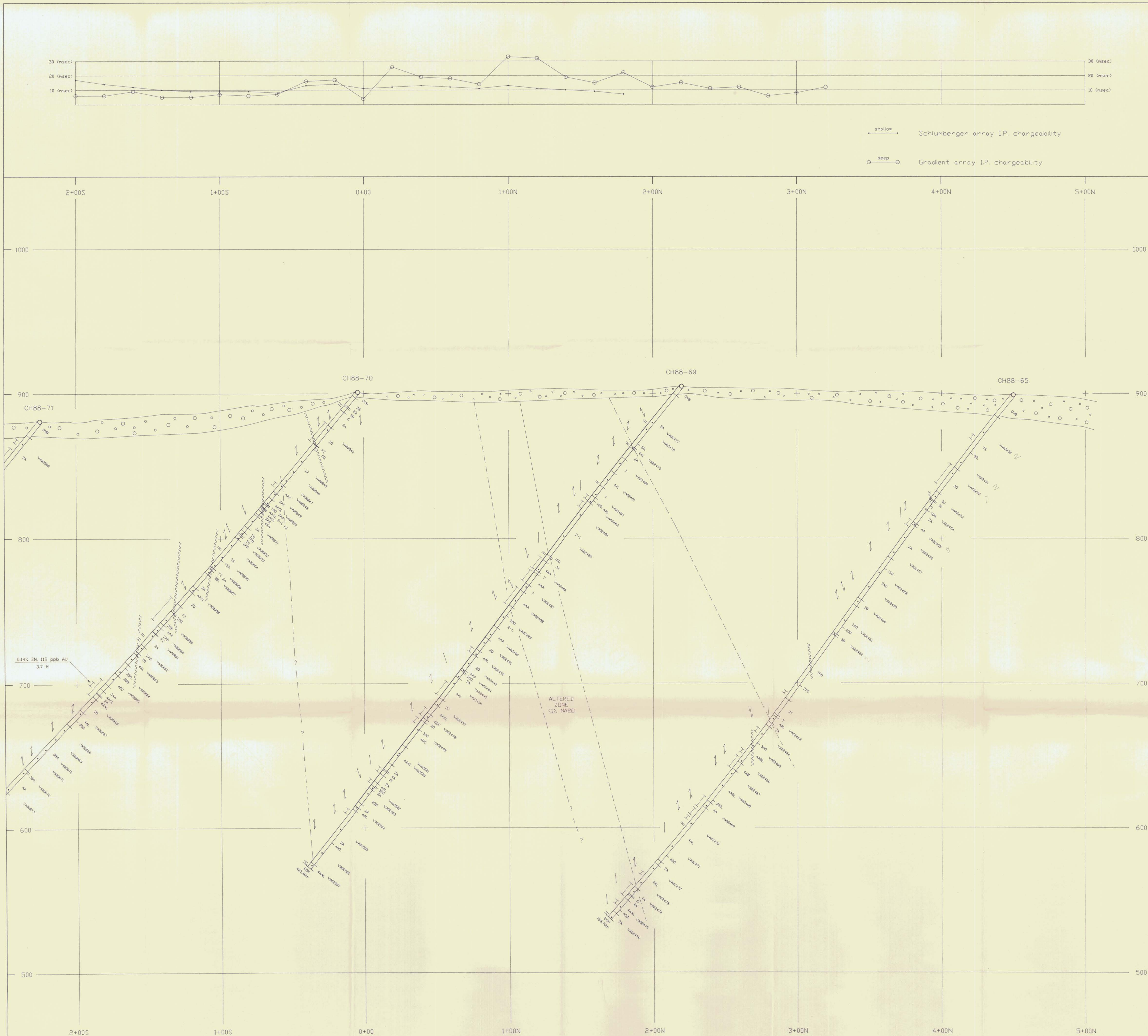
CHEMAINUS JOINT VENTURE
Vancouver Island, British Columbia

SILVER CREEK AREA

SECTION 25+00 WEST (SOUTH)

HOLES CH88-69, 70, 71

WORK BY: JP & DPM		
DATE OF WORK: JUNE 1988	PROJECT NO: 116	FIG NO: 40
DRAWN BY: PW & COMPUTER		
DATE DRAWN: OCT 19 1988	N.T.S. NO.: 092B/13W	



LEGEND

MAJOR ROCK UNITS

- 11 Nanaimo Sediments
- 10 Late Mafic Intrusions
- 9 Felsic Intrusive Rocks
- 8 Intermediate Intrusive Rocks
- 7 Mafic Intrusive Rocks
- 6 Ultramafic Intrusive Rocks
- 5 Sedimentary Rocks
- 4 Felsic Volcanic Rocks
- 3 Intermediate Volcanic Rocks
- 2 Mafic Volcanic Rocks
- 1 Ultramafic Volcanic Rocks

ROCK UNIT LETTER QUALIFIERS

The second letter indicates the type of rock; if omitted a dash should be inserted if a third letter is used.

A	Tuff	K	Wacke
B	Lapilli Tuff	L	Conglomerate
C	Tuff Breccia	M	Chert
D	Massive Flow	N	Iron Formation
E	Pillowed Flow	O	Limestone
F	Flow Breccia	P	Exhalite/Sulphides
G	Pillow Breccia	Q	Tuffaceous Sediments
H	Intrusive	R	Fine Grained
I	Argillite	S	Medium Grained
J	Siltstone	T	Coarse Grained

The third and fourth letters are placed in alphabetical order; they are optional and further define the rock.

A	Quartz Phyric	J	Melanocratic
B	Feldspar Phyric	K	Bedded
C	Quartz-Felspar Phyric	L	Chloritic
D	Mafic Phyric	M	Graphitic
E	Mafic-Feldspar Phyric	N	Calcareous
F	Amygdaloidal	O	Argillaceous
G	Spherulitic	P	Siliceous/Cherty
H	Variolitic	Q	Sheared
I	Leucocratic	R	Massive
		S	Lithic

SYMBOLS

- Overburden
- Bedding
- Foliation
- Fault
- Stratigraphic top
- VA01245 Whole rock sample
- Significant intersections
- Geochemical/assay sample interval
- Geological contact (inferred)
- Felsic-mafic contact

u	Unconformity	py	Pyrite
FZ	Fault zone	cpy	Chalcopyrite
FB	Fault breccia	po	Pyrrhotite
CAS	Casing	sp	Sphalerite
		ga	Galena

0 20 40 60 80 M

SCALE 1 : 1000

FALCONBRIDGE LIMITED

CHEMAINUS JOINT VENTURE

Vancouver Island, British Columbia

SILVER CREEK AREA

SECTION 25+00 WEST (NORTH)

HOLES CH88-65, 69, 70, 71

WORK BY: JP & DPM			
DATE OF WORK: JUNE 1988	PROJECT NO: 116		FIG NO: 41
DRAWN BY: PW & COMPUTER			
DATE DRAWN: OCT 19 1988	N.T.S. NO.: 092B/13W		