

APPENDICES F to H

To Accompany 1986 Final Report on the
Chemainus Project, NTS 92B/13, 92C/16

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MA30.C.913 CHEMAINUS
1986 Final Report (Volume 5 of 5)
March, 1987

APPENDIX F

METHODS FOR DETERMINATION OF ANOMALOUS AND POSSIBLY ANOMALOUS
SOIL GEOCHEMICAL RESULTS

APPENDIX F

Methods for Determination of Anomalous and Possibly Anomalous Soil Geochemical Results

Anomalous and possibly anomalous threshold values and background values were determined on a semi-quantative basis. Cumulative frequency diagrams did not effectively discriminate populations therefore it became necessary to utilize mean values plus factors of standard deviations to assist in identifying anomalous and possibly anomalous threshold values. Threshold values were adjusted by comparing the mean and standard deviation values with median values of suspected subtle secondary populations apparent on the histograms (Figures F 1-5) and then changed to more realistic levels.

Median was considered to represent background levels.

TABLE 9

COMPILATION OF STATISTICS - SOIL GEOCHEMICAL RESULTS - CHIP CLAIMS

Element	n	Max	Min	\bar{x}	ϕ	σ
Cu (ppm)	1125	178.00	1.00	45.02	41.00	25.17
Zn (ppm)	1125	395.00	16.00	79.41	76.00	34.51
Pb (ppm)	1125	120.00	1.00	7.51	7.00	6.03
Ag (ppm)	1125	1.60	0.00	0.18	0.10	0.14

n = number of samples
 Max = maximum value
 Min = minimum value
 \bar{x} = arithmetic mean
 ϕ = median
 σ = standard deviation

TABLE 10

TABULATION OF MEAN VALUES PLUS SUCCESSIVE STANDARD DEVIATIONS
SOIL GEOCHEMICAL RESULTS - CHIP CLAIMS

Element	σ	\bar{x}	$\bar{x} + 1\sigma$	$\bar{x} + 2\sigma$	$\bar{x} + 3\sigma$
Cu (ppm)	25.17	45.02	70.19	95.36	120.53
Zn (ppm)	34.51	79.41	113.92	148.43	182.94
Pb (ppm)	6.03	7.51	13.54	19.57	25.60
Ag (ppm)	0.14	0.18	0.32	0.46	0.60

\bar{x} = arithmetic mean
 σ = standard deviation

TABLE 11

STATISTICS ON REFERENCE SAMPLE SB-B
ANALYSES BY BONDAR-CLEGG AND COMPANY LTD., VANCOUVER, B.C.

Element	n	Max	Min	\bar{x}	ϕ	σ
Cu (ppm)	29	185.00	145.00	163.03	162.00	10.58
Zn (ppm)	29	100.00	70.00	76.07	76.00	5.68
Pb (ppm)	29	26.00	19.00	22.31	22.00	1.70
Ag (ppm)	29	0.10	0.10	0.10	0.10	0.00

TABLE 12

STATISTICS ON REFERENCE SAMPLE SB-B
ANALYSES BY BONDAR-CLEGG AND COMPANY LTD., OTTAWA, ONTARIO

Element	n	Max	Min	\bar{x}	ϕ	σ
Cu (ppm)	15	168.00	157.00	163.00	-	4
Zn (ppm)	15	81.00	75.00	78.00	-	2
Pb (ppm)	15	28.00	22.00	25.00	-	2
Ag (ppm)	15	0.10	<0.10	<0.10	-	-

n = number of samples
Max = maximum value
Min = minimum value
 \bar{x} = arithmetic mean
 ϕ = median
 σ = standard deviation

TABLE 13

COMPILATION OF "MAJOR" SOIL GEOCHEMICAL ANOMALIES

Element	Location	Possibly Anomalous/Anomalous (ppm)	Remarks
Cu	L38+00W 4+50N	/100	Downslope of pyritic chlorite/sericite schist
Cu	L36+00W 5+00-6+00N	178/106	Overlies intermediate volcaniclastic rocks, pyrite horizon passes through this sequence
Cu	L32+00W 0+50S	/135	In close proximity to felsic and intermediate volcaniclastic rocks, gabbro and intermediate flows
Cu	L30+00W 1+00N	/109	Downslope of intermediate volcaniclastics and interpreted to overlie felsic flows/hypabyssal intrusions
Cu	L28+00W 0+50N	/103	Downslope of intermediate volcaniclastics and interpreted to overlie felsic flows/hypabyssal intrusions
Cu	L26+00W 0+50S	156/	Downslope of intermediate volcaniclastics and interpreted to overlie felsic flows/hypabyssal intrusions
Cu	L22+00W 0+25S	/103	Downslope of intermediate volcaniclastics and interpreted to overlie felsic flows/hypabyssal intrusions
Cu	L 4+00W 3+00	/107,108	Interpreted to overlie intermediate and felsic volcaniclastics
Zn	L38+00W 4+50N	380/	Downslope of pyritic chlorite/sericite schist
Zn	L32+00W 6+00N	345/	Immediately downslope of intermediate flows interpreted to overlie intermediate volcaniclastic rocks
Zn	L28+00W 4+00N	210/194	Interpreted to overlie intermediate volcaniclastics
Zn	L26+00W 4+50N	236/	Adjacent to outcrop of intermediate volcaniclastic rocks
Zn	L14+00W 4+25-3+75N	/160,170,184	Interpreted to overlie intermediate/felsic volcaniclastic rocks
Zn	L12+00W 3+25N	/160	Interpreted to overlie intermediate/felsic volcaniclastic rocks
Pb	L32+00W 6+00N,3+00N	41/19	Immediately downslope of intermediate flows and overlying felsic flows/hypabyssal intrusions
Pb	L26+00-14+00W 4+00-5+00N	49/	Adjacent to outcrop of intermediate volcaniclastic rock
	"	120/26	Interpreted to overlie intermediate flows and felsic volcaniclastic rock respectively
	"	66,34/	Interpreted to overlie intermediate flows and felsic volcaniclastic rock respectively
	"	/22,25	Interpreted to overlie intermediate flows and felsic volcaniclastic rock respectively
	"	/26	Interpreted to overlie intermediate flows and felsic volcaniclastic rock respectively
	"	/19	Interpreted to overlie intermediate flows and felsic volcaniclastic rock respectively
Ag	L38+00W 1+50N	/0.7	Interpreted to overlie a sequence of mafic to felsic volcaniclastic rocks
Ag	L32+00W 3+00N	/0.7	Overlying slightly limonitic felsic flow/hypabyssal intrusion
Ag	L26+00-12+00W 4+00-5+00N	1.0/	Downslope of intermediate volcaniclastic rock
	"	1.3/	Downslope of felsic volcaniclastic rock
	"	1.2/	Interpreted to overlie felsic volcaniclastic rock and intermediate flows
	"	0.8,1.6/	Interpreted to overlie felsic volcaniclastic rock and intermediate flows
	"	0.8,0.8/	Interpreted to overlie felsic volcaniclastic rock and intermediate flows

SOIL GEOCHEMICAL STATISTICS, HISTOGRAMS - CHIP CLAIMS

Figures F1 to F5

CU IN SOIL - CHIP CLAIMS

NUMBER OF SAMPLES :	1125
MINIMUM :	1.00
MAXIMUM :	178.00
MEAN :	45.02
STANDARD DEVIATION :	25.17
MEDIAN :	41.00
MODE :	31.00
SKEWNESS :	0.48
KURTOSIS :	4.46
NUMBER OF CLASSES :	20
CLASS INTERVAL :	8.86

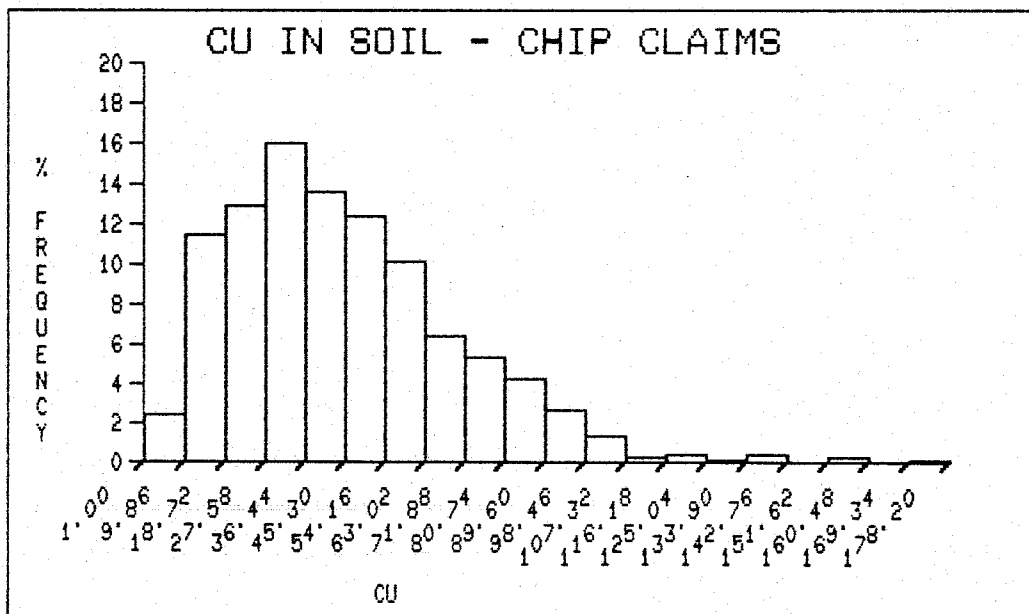


Figure F 1

ZN IN SOIL - CHIP CLAIMS

NUMBER OF SAMPLES :	1125
MINIMUM :	16.00
MAXIMUM :	395.00
MEAN :	79.41
STANDARD DEVIATION :	34.51
MEDIAN :	76.00
MODE :	70.00
SKEWNESS :	0.30
KURTOSIS :	25.99
NUMBER OF CLASSES :	20
CLASS INTERVAL :	18.96

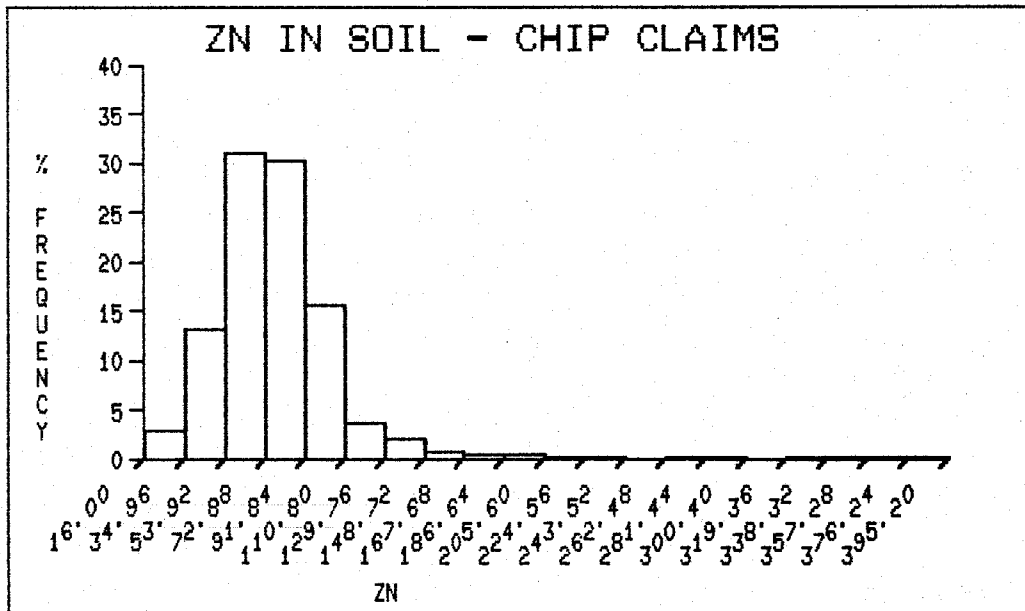


Figure F 2

AG IN SOIL - CHIP CLAIMS

NUMBER OF SAMPLES :	1125
MINIMUM :	0.00
MAXIMUM :	1.60
MEAN :	0.18
STANDARD DEVIATION :	0.14
MEDIAN :	0.10
MODE :	0.10
SKEWNESS :	1.71
KURTOSIS :	23.44
NUMBER OF CLASSES :	20
CLASS INTERVAL :	0.09

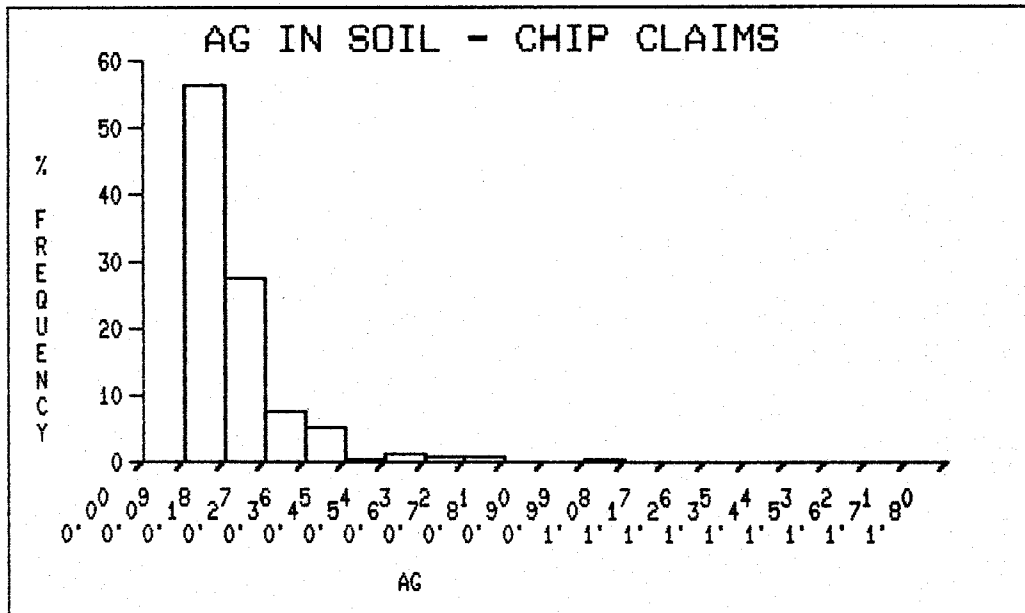


Figure F 3

PB IN SOIL - CHIP CLAIMS

NUMBER OF SAMPLES	: 1125
MINIMUM	: 1.00
MAXIMUM	: 120.00
MEAN	: 7.51
STANDARD DEVIATION	: 6.03
MEDIAN	: 7.00
MODE	: 8.00
SKEWNESS	: 0.26
KURTOSIS	: 140.80
NUMBER OF CLASSES	: 20
CLASS INTERVAL	: 5.96

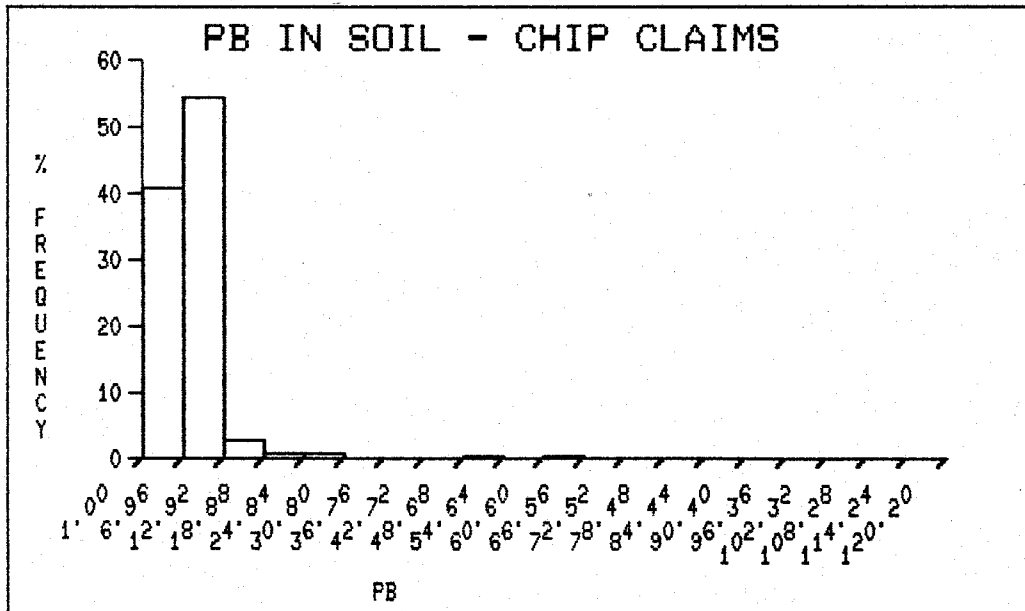


Figure F 4

MN IN SOIL - CHIP CLAIMS

NUMBER OF SAMPLES :	18
MINIMUM :	270.00
MAXIMUM :	2300.00
MEAN :	657.22
STANDARD DEVIATION :	475.32
MEDIAN :	510.00
MODE :	320.00
SKEWNESS :	0.93
KURTOSIS :	8.34
NUMBER OF CLASSES :	20
CLASS INTERVAL :	101.51

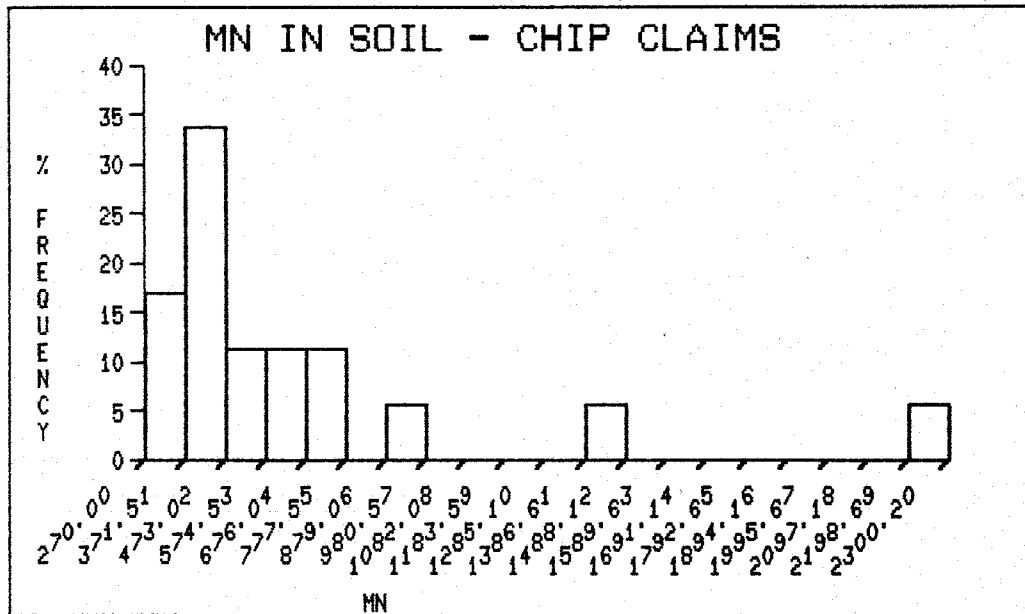


Figure F 5

STANDARD SB-B STATISTICS, HISTOGRAM - CHIP CLAIMS

Figures F6 to F9

CU STANDARD - CHIP CLAIMS

NUMBER OF SAMPLES :	29
MINIMUM :	145.00
MAXIMUM :	185.00
MEAN :	163.03
STANDARD DEVIATION :	10.58
MEDIAN :	162.00
MODE :	156.00
SKEWNESS :	0.29
KURTOSIS :	2.37
NUMBER OF CLASSES :	20
CLASS INTERVAL :	2.01

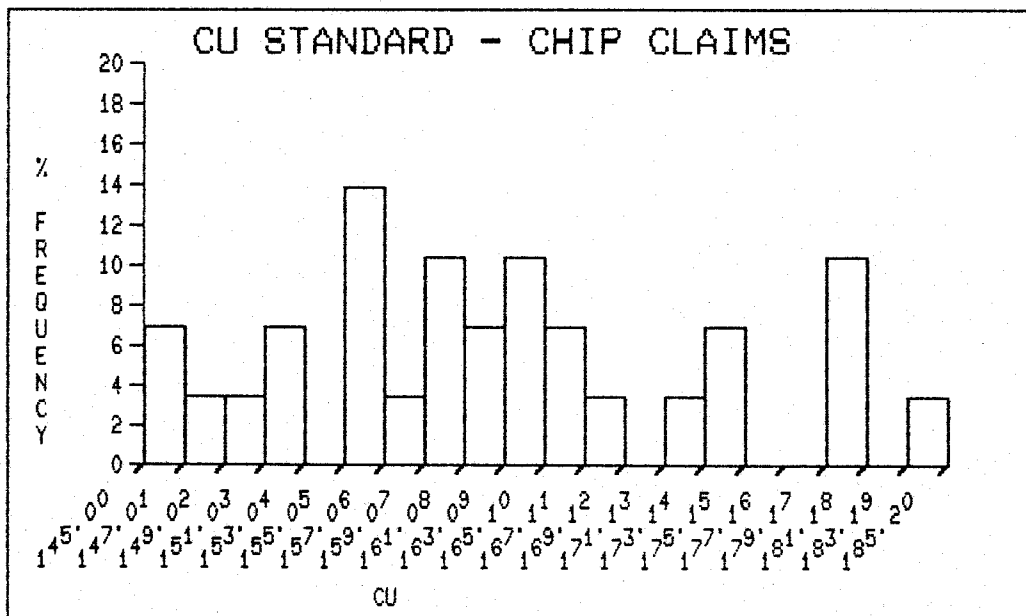


Figure F 6

ZN STANDARD - CHIP CLAIMS

NUMBER OF SAMPLES	:	29
MINIMUM	:	70.00
MAXIMUM	:	100.00
MEAN	:	76.07
STANDARD DEVIATION	:	5.68
MEDIAN	:	76.00
MODE	:	76.00
SKEWNESS	:	0.04
KURTOSIS	:	11.22
NUMBER OF CLASSES	:	20
CLASS INTERVAL	:	1.51

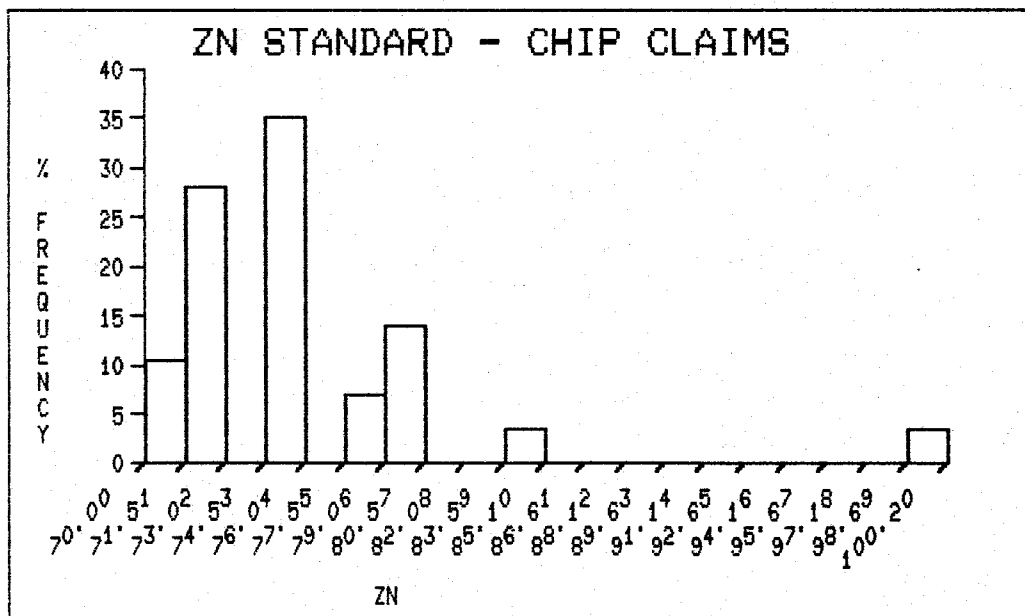


Figure F 7

AG STANDARD - CHIP CLAIMS

NUMBER OF SAMPLES	:	29
MINIMUM	:	0.10
MAXIMUM	:	0.10
MEAN	:	0.10
STANDARD DEVIATION	:	0.00
MEDIAN	:	0.10
MODE	:	0.10
SKEWNESS	:	-3.00
KURTOSIS	:	1.00
NUMBER OF CLASSES	:	20
CLASS INTERVAL	:	0.01

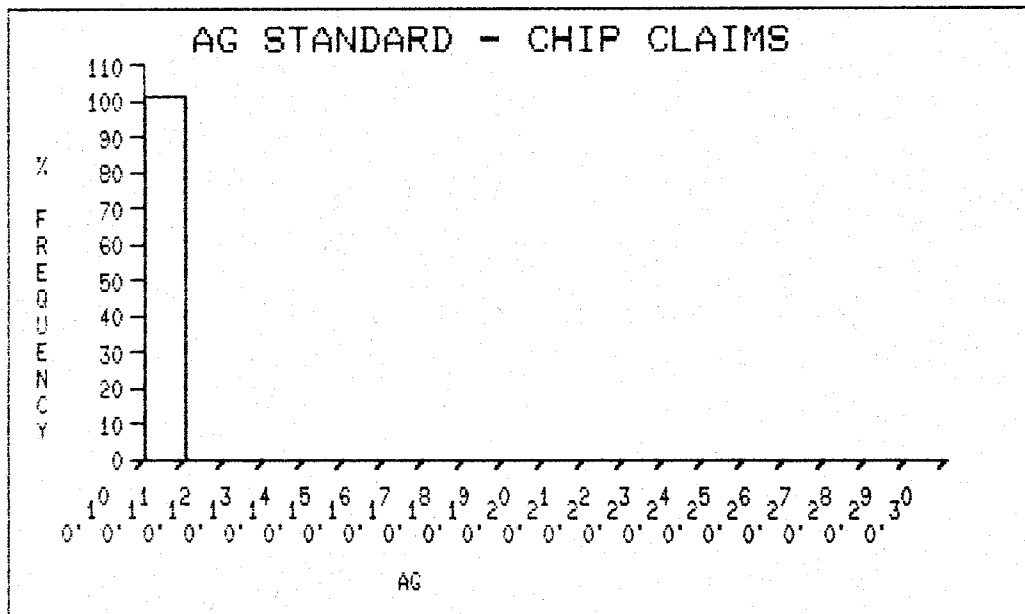


Figure F 8

PB STANDARD - CHIP CLAIMS

NUMBER OF SAMPLES :	29
MINIMUM :	19.00
MAXIMUM :	26.00
MEAN :	22.31
STANDARD DEVIATION :	1.70
MEDIAN :	22.00
MODE :	22.00
SKENNESS :	0.55
KURTOSIS :	3.15
NUMBER OF CLASSES :	20
CLASS INTERVAL :	0.36

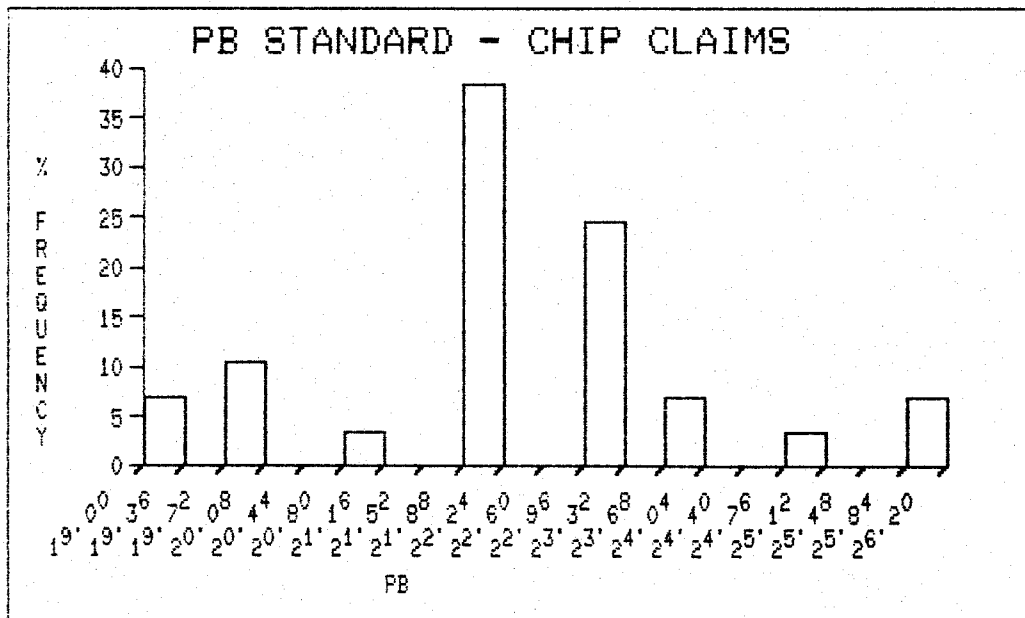
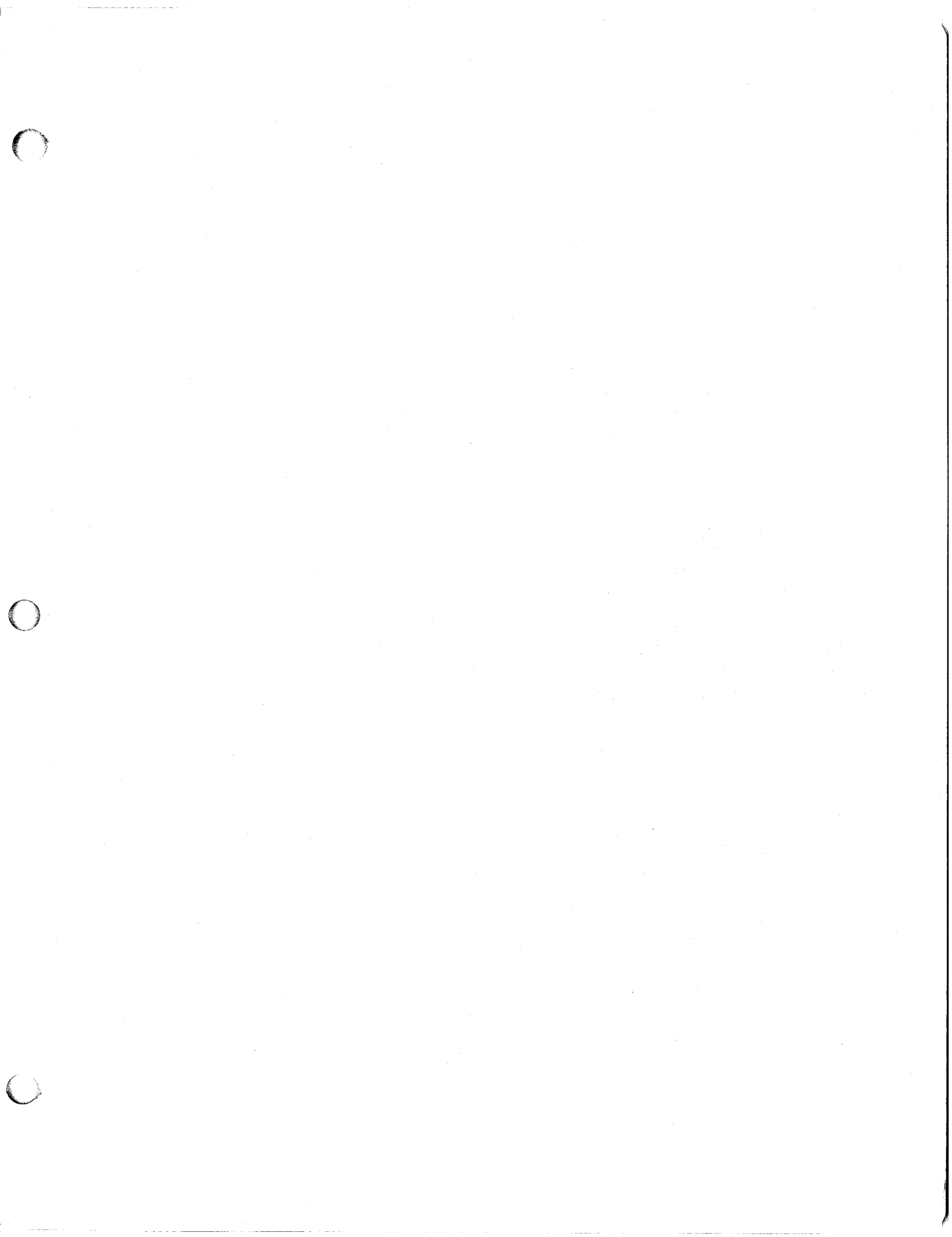


Figure F 9



APPENDIX G

SOIL GEOCHEMICAL BASE AND PRECIOUS METAL ANALYTICAL DATA

KIDD CREEK MINES-WHOLE ROCK DATABASE

SOIL GEOCHEMISTRY CHIP CLAIMS SAMPLES COLLECTED IN 1986

SAMP NO. ->	SA00837	SA00838	SA00839	SA00841	SA00842	SA00843
CU	63.00	63.00	80.00	81.00	23.00	18.00
PB	7.00	8.00	8.00	9.00	6.00	9.00
ZN	110.00	96.00	100.00	90.00	56.00	39.00
AG	< 0.20	0.30	0.40	0.20	0.20	< 0.20
MN	0.00	0.00	0.00	0.00	0.00	0.00

KIDD CREEK MINES-WHOLE ROCK DATABASE

SOIL GEOCHEMISTRY CHIP CLAIMS SAMPLES COLLECTED IN 1986

SAMP NO.->	SA00850	SA00851	SA00852	SA00853	SA00854	SA00855
CU	10.00	28.00	20.00	44.00	31.00	18.00
PB	7.00	9.00	6.00	6.00	8.00	4.00
ZN	36.00	70.00	50.00	88.00	60.00	50.00
AG	< 0.20	0.20	< 0.20	0.30	0.20	< 0.20
MN	0.00	0.00	0.00	0.00	0.00	0.00

KIDD CREEK MINES-WHOLE ROCK DATABASE

SOIL GEOCHEMISTRY CHIP CLAIMS SAMPLES COLLECTED IN 1986

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SAMP NO.->	SA00881	SA00882	SA00883	SA00884	SA00885	SA00886
CU	62.00	19.00	17.00	43.00	64.00	65.00
PB	7.00	8.00	7.00	11.00	9.00	9.00
ZN	70.00	40.00	30.00	50.00	80.00	80.00
AG	< 0.20	0.20	0.20	0.20	0.20	0.20
MN	0.00	0.00	0.00	0.00	0.00	0.00

KIDD CREEK MINES-WHOLE ROCK DATABASE

SOIL GEOCHEMISTRY CHIP CLAIMS SAMPLES COLLECTED IN 1986

SAMP NO.->	SA00973	SA00974	SA00975	SA00976	SA00977	SA00978
CU	39.00	57.00	69.00	83.00	60.00	31.00
PB	7.00	8.00	6.00	10.00	7.00	6.00
ZN	72.00	80.00	88.00	84.00	80.00	84.00
AG	0.20	0.30	0.20	0.40	0.60	0.70
MN	0.00	0.00	0.00	0.00	0.00	0.00

KIDD CREEK MINES-WHOLE ROCK DATABASE

SOIL GEOCHEMISTRY CHIP CLAIMS SAMPLES COLLECTED IN 1986

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SAMP NO.->	SA00997	SA00998	SA00999	SA01000	SA01001	SA01002
CU	15.00	10.00	9.00	37.00	74.00	59.00
PB	7.00	4.00	5.00	6.00	7.00	7.00
ZN	70.00	40.00	32.00	60.00	110.00	84.00
AG	0.20	0.20	0.20	1.00	0.20	0.20
MN	0.00	0.00	0.00	0.00	0.00	0.00

KIDD CREEK MINES-WHOLE ROCK DATABASE

SOIL GEOCHEMISTRY CHIP CLAIMS SAMPLES COLLECTED IN 1986

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SAMP NO.->	SA01065	SA01066	SA01067	SA01068	SA01069	SA01070
CU	19.00	23.00	58.00	43.00	135.00	43.00
PB	8.00	7.00	6.00	6.00	5.00	8.00
ZN	80.00	60.00	90.00	86.00	85.00	66.00
AG	0.20	0.30	0.20	0.80	0.30	0.30
MN	0.00	0.00	0.00	0.00	0.00	0.00

KIDD CREEK MINES-WHOLE ROCK DATABASE

SOIL GEOCHEMISTRY CHIP CLAIMS SAMPLES COLLECTED IN 1986

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SAMP NO.->	SA01071	SA01072	SA01073	SA01074	SA01075	SA01076
CU	31.00	41.00	12.00	28.00	57.00	42.00
PB	9.00	9.00	6.00	7.00	9.00	9.00
ZN	54.00	90.00	40.00	54.00	86.00	74.00
AG	0.20	0.20	0.20	0.20	0.20	0.20
MN	0.00	0.00	0.00	0.00	0.00	0.00

KIDD CREEK MINES-WHOLE ROCK DATABASE

SOIL GEOCHEMISTRY CHIP CLAIMS SAMPLES COLLECTED IN 1986

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SAMP NO.->	SA01083	SA01084	SA01085	SA01086	SA01087	SA01088
CU	39.00	38.00	12.00	24.00	34.00	30.00
PB	19.00	10.00	8.00	10.00	9.00	8.00
ZN	76.00	72.00	52.00	60.00	56.00	72.00
AG	0.70	0.50	0.30	< 0.20	0.20	< 0.20
MN	0.00	0.00	0.00	0.00	0.00	0.00

KIDD CREEK MINES-WHOLE ROCK DATABASE

SOIL GEOCHEMISTRY CHIP CLAIMS SAMPLES COLLECTED IN 1986

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SAMP NO.->	SA01145	SA01146	SA01147	SA01148	SA01149	SA01150
CU	22.00	34.00	37.00	22.00	64.00	58.00
PB	8.00	7.00	8.00	7.00	4.00	6.00
ZN	56.00	80.00	60.00	48.00	80.00	72.00
AG	< 0.20	0.30	0.30	0.30	0.40	0.40
MN	0.00	0.00	0.00	0.00	0.00	0.00

KIDD CREEK MINES-WHOLE ROCK DATABASE

SOIL GEOCHEMISTRY CHIP CLAIMS SAMPLES COLLECTED IN 1986

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SAMP NO.->	SA01256	SA01257	SA01258	SA01259	SA01260	SA01261
CU	14.00	46.00	48.00	135.00	27.00	41.00
PB	9.00	8.00	5.00	7.00	6.00	7.00
ZN	30.00	64.00	104.00	76.00	74.00	60.00
AG	0.20	0.20	0.40	0.20	0.20	0.20
MN	0.00	0.00	0.00	0.00	0.00	0.00

KIDD CREEK MINES-WHOLE ROCK DATABASE

SOIL GEOCHEMISTRY CHIP CLAIMS SAMPLES COLLECTED IN 1986

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SAMP NO.->	SA01416	SA01417	SA01418	SA01419	SA01420	SA01421
CU	47.00	32.00	38.00	37.00	46.00	61.00
PB	11.00	12.00	26.00	7.00	8.00	9.00
ZN	109.00	100.00	110.00	100.00	75.00	84.00
AG	0.60	0.40	0.60	< 0.20	0.20	0.30
MN	0.00	0.00	0.00	0.00	0.00	0.00

KIDD CREEK MINES-WHOLE ROCK DATABASE

SOIL GEOCHEMISRTY CHIP CLAIMS SAMPLES COLLECTED IN 1986

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SAMP NO.->	SA01459	SA01460	SA01461	SA01462	SA01463	SA01464
CU	62.00	77.00	46.00	37.00	34.00	62.00
PB	8.00	4.00	8.00	11.00	5.00	9.00
ZN	95.00	80.00	80.00	150.00	107.00	154.00
AG	0.30	0.20	0.20	0.30	0.20	0.20
MN	0.00	0.00	0.00	0.00	0.00	0.00

KIDD CREEK MINES-WHOLE ROCK DATABASE

SOIL GEOCHEMISTRY CHIP CLAIMS SAMPLES COLLECTED IN 1986

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SAMP NO.->	SA01551	SA01552	SA01553	SA01554	SA01555	SA01556
CU	46.00	77.00	57.00	31.00	40.00	34.00
PB	9.00	18.00	8.00	8.00	6.00	4.00
ZN	56.00	75.00	92.00	54.00	66.00	60.00
AG	0.20	0.20	0.20	0.20	0.30	0.30
MN	0.00	0.00	0.00	0.00	0.00	0.00

KIDD CREEK MINES-WHOLE ROCK DATABASE

SOIL GEOCHEMISTRY CHIP CLAIMS SAMPLES COLLECTED IN 1986

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SAMP NO.->	SA01650	SA01651	SA01652	SA01653	SA01654	SA01655
CU	65.00	48.00	58.00	14.00	77.00	72.00
PB	6.00	5.00	5.00	3.00	5.00	9.00
ZN	69.00	68.00	64.00	40.00	85.00	88.00
AG	< 0.20	< 0.20	< 0.20	< 0.20	0.30	0.40
MN	0.00	0.00	0.00	0.00	0.00	0.00

KIDD CREEK MINES-WHOLE ROCK DATABASE

SOIL GEOCHEMISTRY CHIP CLAIMS SAMPLES COLLECTED IN 1986

SAMP NO.->	SA01859	SA01860	SA01861	SA01862	SA01863	SA01864
CU	39.00	30.00	1.00	4.00	63.00	36.00
PB	6.00	9.00	7.00	3.00	8.00	5.00
ZN	90.00	88.00	18.00	42.00	88.00	47.00
AG	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20
MN	0.00	0.00	0.00	0.00	0.00	0.00

KIDD CREEK MINES-WHOLE ROCK DATABASE

SOIL GEOCHEMISRTY CHIP CLAIMS SAMPLES COLLECTED IN 1986

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SAMP NO.->	SA09448	SA09449	SA09450	SA09451	SA09452	SA09453
CU	66.00	67.00	52.00	80.00	37.00	53.00
PB	2.00	4.00	13.00	4.00	3.00	4.00
ZN	66.00	83.00	111.00	98.00	107.00	78.00
AG	0.10	0.10	0.10	0.10	0.10	0.20
MN	460.00	600.00	1400.00	600.00	400.00	560.00

KIDD CREEK MINES-WHOLE ROCK DATABASE

SOIL GEOCHEMISTRY CHIP CLAIMS SAMPLES COLLECTED IN 1986
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SAMP NO.->	SA09454	SA09455	SA09456	SA09457	SA09688	SA09689
CU	69.00	23.00	31.00	40.00	44.00	10.00
PB	4.00	52.00	8.00	12.00	4.00	19.00
ZN	89.00	46.00	66.00	94.00	55.00	35.00
AG	0.10	0.10	0.10	0.10	0.10	0.10
MN	410.00	560.00	710.00	910.00	320.00	270.00

KIDD CREEK MINES-WHOLE ROCK DATABASE

SOIL GEOCHEMISRTY CHIP CLAIMS SAMPLES COLLECTED IN 1986

SAMP NO.->	SA09691	SA09692	SA09693	SA09694	SA09695	SA09696
CU	33.00	37.00	58.00	18.00	12.00	28.00
PB	14.00	16.00	6.00	6.00	10.00	10.00
ZN	67.00	64.00	78.00	69.00	83.00	72.00
AG	0.10	0.10	0.10	0.10	0.10	0.10
MN	380.00	420.00	460.00	320.00	2300.00	750.00

KIDD CREEK MINES-WHOLE ROCK DATABASE

SOIL GEOCHEMISTRY CHIP CLAIMS SAMPLES COLLECTED IN 1986
 =====

SAMP NO.->	SA17026	SA17027	SA17028	SA17029	SA17030
CU	45.00	59.00	33.00	26.00	6.00
PB	3.00	8.00	5.00	8.00	< 2.00
ZN	53.00	82.00	71.00	52.00	35.00
AG	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20
MN	0.00	0.00	0.00	0.00	0.00



APPENDIX H

EXPLORATION PROJECT STATEMENT - NON-FLOW THROUGH AND FLOW
THROUGH EXPENDITURES

FALCONBRIDGE LIMITED - VANCOUVER
EXPLORATION PROJECT STATEMENT ENDED Jan 06 87

11a CHEMAINUS JV/ESSO
NON FLOW THROUGH EXPENDITURES

	JULY 31	AUGUST 31	SEPTEMBER 30	OCTOBER 31	NOVEMBER 30	DECEMBER 31	YEAR-TO DATE
01-001 SALARIES	0.00	0.00	0.00	0.00	0.00	0.00	4,445.07
-120 TRAVELLING & EXPENS	0.70	0.00	0.00	0.00	0.00	0.00	813.82
-600 CONTRACT PAYMENTS	0.00	0.00	0.00	0.00	0.00	0.00	1,890.00
-604 FIELD EXPENSES	27.07	0.00	0.00	0.00	0.00	7.50	2,679.59
-608 ASSAYS	0.00	0.00	0.00	0.00	0.00	0.00	3,982.40
TOTAL GENERAL & GEOLOGY	27.77	0.00	0.00	0.00	0.00	7.50	13,810.88
02-001 SALARIES	0.00	0.00	0.00	0.00	0.00	0.00	0.00
-120 TRAVELLING & EXPENS	0.00	0.00	0.00	0.00	0.00	0.00	0.00
-600 CONTRACT PAYMENTS	0.00	0.00	0.00	0.00	0.00	0.00	0.00
-604 FIELD EXPENSES	0.00	0.00	0.00	0.00	0.00	0.00	0.00
TOTAL GEOPHYSICS	0.00	0.00	0.00	0.00	0.00	0.00	0.00
03-001 SALARIES	0.00	0.00	0.00	0.00	0.00	0.00	0.00
-120 TRAVELLING & EXPENS	0.00	0.00	0.00	0.00	0.00	0.00	0.00
-600 CONTRACT PAYMENTS	0.00	0.00	0.00	0.00	0.00	0.00	0.00
-604 FIELD EXPENSES	0.00	0.00	0.00	0.00	0.00	0.00	0.00
-608 ASSAYS	0.00	0.00	0.00	0.00	0.00	0.00	0.00
TOTAL GEOCHEMISTRY	0.00	0.00	0.00	0.00	0.00	0.00	0.00
05-001 SALARIES	0.00	0.00	0.00	0.00	0.00	0.00	0.00
-120 TRAVELLING & EXPENS	0.00	0.00	0.00	0.00	0.00	0.00	0.00
-600 CONTRACT PAYMENTS	0.00	0.00	0.00	0.00	0.00	0.00	0.00
-604 FIELD EXPENSES	0.00	0.00	0.00	450.00	0.00	0.00	450.00
-608 ASSAYS	0.00	0.00	0.00	0.00	0.00	0.00	0.00
TOTAL DIAMOND DRILLING	0.00	0.00	0.00	450.00	0.00	0.00	450.00
15-001 SALARIES	0.00	0.00	0.00	0.00	0.00	0.00	0.00
-120 TRAVELLING & EXPENS	0.00	0.00	0.00	0.00	0.00	0.00	0.00
-600 CONTRACT PAYMENTS	0.00	0.00	0.00	0.00	0.00	0.00	0.00
-604 FIELD EXPENSES	0.00	0.00	0.00	0.00	0.00	0.00	0.00
TOTAL PROPERTY ACQUISIT	0.00	0.00	0.00	0.00	0.00	0.00	0.00
TOTAL OFFICE EXPENSES	27.77	0.00	0.00	450.00	0.00	7.50	14,260.88
20 METALLURGY & MINERA	0.00	0.00	0.00	0.00	0.00	0.00	0.00
30 OPTION PAYMENTS	0.00	0.00	0.00	0.00	0.00	0.00	0.00
35 PARTICIPATION	0.00	0.00	0.00	0.00	0.00	0.00	0.00
40 PROPERTY MAINTENANC	0.00	0.00	0.00	0.00	0.00	0.00	0.00
55 REGIONAL EXPENSES	0.00	0.00	0.00	0.00	0.00	2,805.00	3,630.00
70 OTHER EXPENSES	0.00	0.00	0.00	0.00	0.00	0.00	0.00
90 PARTICIPANTS SHARE	(13,642.03)	0.00	0.00	0.00	(1,626.97)	0.00	12,683.44
91 PRIOR PERIOD ADJUST	0.00	0.00	0.00	0.00	0.00	0.00	(15,269.00)
PROJECT TOTAL	(13,614.26)	0.00	0.00	450.00	(1,626.97)	2,812.50	15,305.32

EXPEND. PRIOR YEARS - \$
FORECAST CURRENT YEAR - \$

FALCONBRIDGE LIMITED - VANCOUVER
EXPLORATION PROJECT STATEMENT ENDED Jan 06 87

116 CHEMAINUS JV/ESSD
FLOW-THROUGH EXPENDITURES

	JULY 31	AUGUST 31	SEPTEMBER 30	OCTOBER 31	NOVEMBER 30	DECEMBER 31	YEAR-TO DATE
01-001 SALARIES	7,163.70	7,991.20	7,350.75	(3,101.22)	4,145.79	1,389.08	36,055.79
-120 TRAVELLING & EXPENS	334.84	147.71	216.95	78.13	328.32	254.71	1,451.66
-600 CONTRACT PAYMENTS	4,141.80	242.50	5,399.32	0.00	3,902.00	0.00	16,150.72
-604 FIELD EXPENSES	7,007.97	4,671.38	2,257.29	1,624.75	2,806.44	2,378.18	24,999.38
-608 ASSAYS	895.00	102.25	0.00	0.00	0.00	0.00	997.25
TOTAL GENERAL & GEOLOGY	19,543.31	13,175.04	15,224.31	(1,398.34)	11,180.55	4,021.97	79,654.80
02-001 SALARIES	0.00	0.00	390.39	0.00	0.00	0.00	669.24
-120 TRAVELLING & EXPENS	0.00	0.00	0.00	0.00	0.00	0.00	0.00
-600 CONTRACT PAYMENTS	12,820.20	2,160.00	4,064.04	13,575.59	2,984.16	0.00	61,378.89
-604 FIELD EXPENSES	0.00	1,011.54	1,347.49	0.00	0.00	0.00	2,359.03
TOTAL GEOPHYSICS	12,820.20	3,171.54	5,801.92	13,575.59	2,984.16	0.00	64,407.16
03-001 SALARIES	3,812.12	2,551.84	36.75	0.00	1,441.44	0.00	7,842.15
-120 TRAVELLING & EXPENS	0.00	0.00	0.00	0.00	0.00	0.00	0.00
-600 CONTRACT PAYMENTS	0.00	0.00	0.00	0.00	0.00	0.00	0.00
-604 FIELD EXPENSES	515.56	997.32	66.43	37.56	139.80	0.00	1,970.00
-608 ASSAYS	926.39	8,832.22	2,632.36	805.00	2,177.96	0.00	15,373.93
TOTAL GEOCHEMISTRY	5,254.07	12,381.38	2,735.54	842.56	3,759.20	0.00	25,186.08
05-001 SALARIES	0.00	0.00	0.00	4,100.08	6,790.62	0.00	10,890.70
-120 TRAVELLING & EXPENS	0.00	0.00	0.00	0.00	197.35	0.00	197.35
-600 CONTRACT PAYMENTS	0.00	0.00	0.00	40,692.76	68,982.37	4,083.89	113,759.02
-604 FIELD EXPENSES	0.00	0.00	0.00	1,645.00	6,313.30	2,852.32	10,810.62
-608 ASSAYS	0.00	0.00	0.00	0.00	1,344.00	6,482.15	7,826.15
TOTAL DIAMOND DRILLING	0.00	0.00	0.00	46,437.84	83,627.64	13,418.36	143,483.84
TOTAL OFFICE EXPENSES	37,617.58	28,727.96	23,761.77	59,457.65	101,551.55	17,440.33	312,731.88
20 METALLURGY & MINERA	0.00	54.00	0.00	0.00	0.00	3.25	57.25
30 OPTION PAYMENTS	0.00	0.00	0.00	0.00	0.00	0.00	0.00
35 PARTICIPATION	0.00	0.00	0.00	0.00	0.00	0.00	0.00
55 REGIONAL EXPENSES	0.00	0.00	0.00	0.00	0.00	0.00	0.00
70 OTHER EXPENSES	0.00	0.00	0.00	0.00	0.00	0.00	0.00
90 PARTICIPANTS SHARE	(22,087.52)	0.00	0.00	0.00	(84,499.18)	(55,853.35)	(162,440.05)
PROJECT TOTAL	15,530.06	28,781.96	23,761.77	59,457.65	17,052.37	(38,409.77)	150,349.08

EXPEND. PRIOR YEARS - \$
FORECAST CURRENT YEAR - \$