86-839-15804
9/87

REPORT

ON

GEOLOGY AND GEOCHEMISTRY

OF THE

C 1, CONCH 1 CLAIM GROUP

CARIBOO MINING DIVISION

NTS 93 A/11

Lat.: 52° 42' N. Long.: 121° 26' W.

for

CASAMIRO RESOURCE CORP.

By:

Uwe Schmidt, B.Sc. F.G.A.C.

NORTHWEST GEOLOGICAL CONSULTING LTD.

December 22, 1986

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1. SUMMARY AND RECOMMENDATIONS

The C1, Conch 1 and C3 mineral claims of Casamiro Resource Corp. are located 85 km northeast of Williams Lake, B.C. The property is underlain by highly deformed, metamorphosed sedimentary and igneous rocks of the Omineca Crystalline Belt.

In August 1986, Northwest Geological Consulting Ltd. carried out a soil sampling and mapping program on the properties. Three geochemical anomalies were outlined on the C1, Conch grids and one area of interest was defined on the C3 claim.

A reexamination of the geochemical anomalies, a northward extension of the C3 grid and a southward extension of the C1 grid are recommended.

Respectfully submitted,

Uwe Schmidt, B.Sc., F.G.A.C.

2. INTRODUCTION

The C1, Conch 1 and C3 claim groups of Casamiro Resource Corp. are located 85 km northeast of Williams Lake British Columbia. The property consists of two groups of claims, totalling 56 units located on the western flank of Browntop Mountain. This area is located approximately 16 km northeast of the village of Likely.

In August of 1986, Northwest Geological Consulting Ltd. was commissioned by Casamiro Resource Corp. to carry out preliminary geochemical sampling and geological mapping surveys of the company's two properties. This work was carried out during the period of August 28 to September 4, 1986.

Field mapping was carried out by geologist Leo Lindinger. He was assisted by samplers, Delbert MacDonald and John Pascuzzo. The writer examined the property on August 29, 1986 and had previously examined the property on two occasions in 1984.

Work on the claims included grid soil sampling and geological mapping. A common grid coordinate system was established for the three claims, although it is not continuous nor are the claims all contiguous. The western group, C 1 and Conch 1 claims, had north-south trending flagged lines established on the western half of the Conch 1 claim and east-west trending lines on the northern half of the C 1 claim.

Grid lines on the C 3 claims also trend in an east-west direction, in the southern half of the claim. Line spacing on the

C 1 and C 3 grids is at 200 metre intervals and samples were taken at 100 metre intervals. The north-south lines on the Conch 1 claim has a 100 metre by 100 metre line and sample spacing.

Geological mapping was carried out along grid lines, roads and reconnaissance traverses.

3. PROPERTY, LOCATION AND ACCESS

The C1, Conch 1 and C3 mineral claim groups consists of three mineral claims totalling 56 units and having a total area of 1400 hectares. The property is located in the Cariboo Mining Division, 85 km northeast of Williams Lake and is accessible by motor vehicle from Williams Lake via the Likely road. The claims are located 16 km northeast of the village of Likely, a distance of approximately 94 km by road, from Williams Lake. From Likely, a gravel logging haulage road heads north, crossing to the north side of the Cariboo River, about half way to the claims. A short distance from Cariboo Lake, a secondary logging road heads south and crosses the Cariboo River again. From here, logging roads head south and north. These provide good access to the west flank of Browntop Mountain and the claims.

The geographic centres of the two claim groups are:

CLAIM	N. LATITUDE	W. LONGITUDE
C1,Conch 1	52°42'30"	121° 26'
C3	52°43'30"	121° 22'

The claims are wholly owned by Casamiro Resource Corp. The

CASAMIRO RESOURCE CORP.			
LOCATION C1, CONCH 1 CLAIM GP. Northwest Geological Consulting Ltd.			
Scale	Date	NTS	Dwg. No.
1:7000000	Dec. 86	93A/11	1

location posts and perimeter lines were examined. Lines and posts are well marked and appear to have been located in accordance with staking regulations.

Details of the claims are as follows:

CLAIM NAME	RECORD NO.	NO.OF UNITS	EXPIRY DATE
C1	5189	20	Sept.26,1986
C3	5190	20	Sept.26,1986
Conch 1	6730	16	

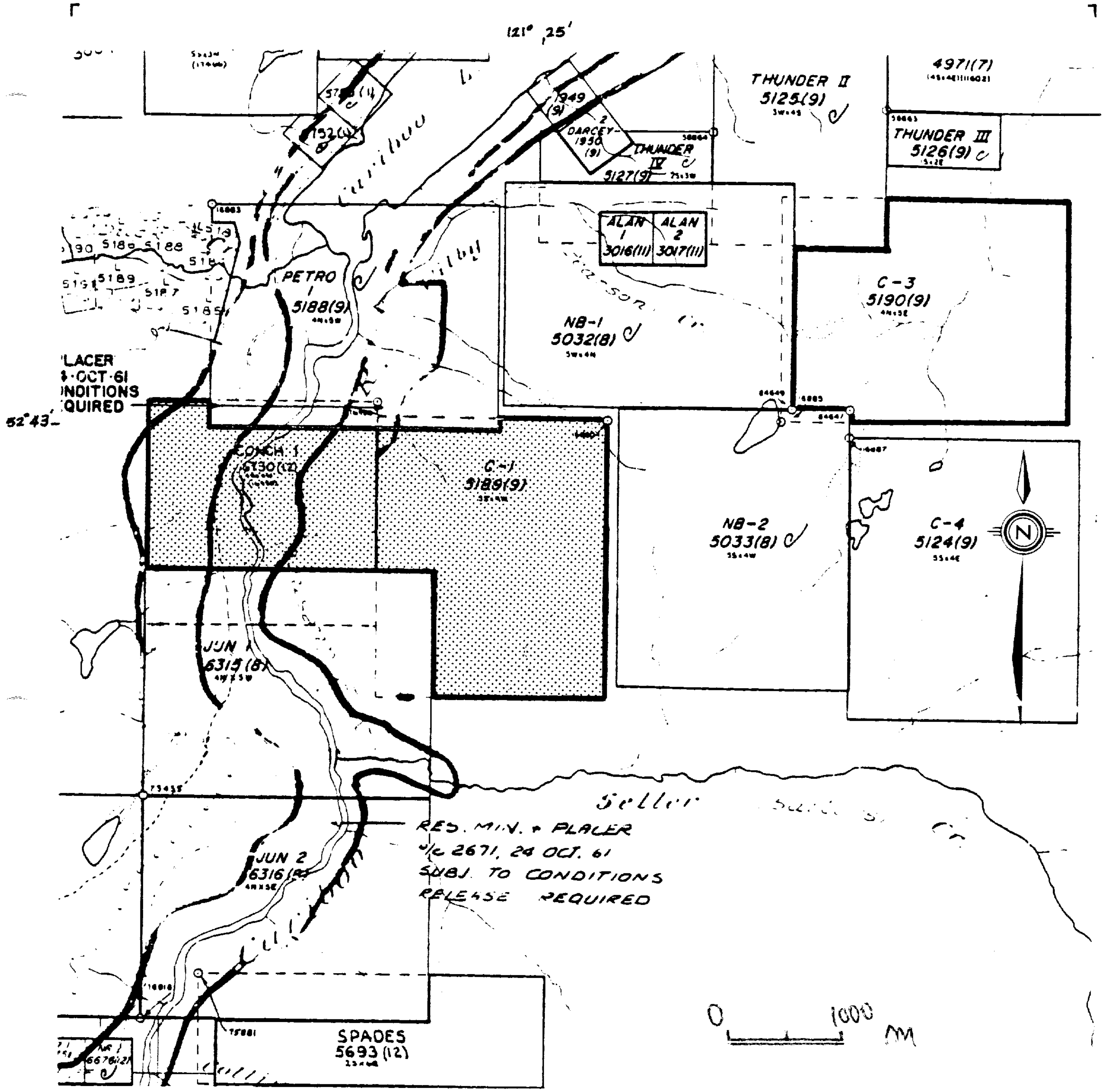
	TOTAL	56 Units	

4. PHYSIOGRAPHY

The claims lie on the western edge of the Cariboo Mountains, an area of steep slopes and rugged relief. The C1 and Conch 1 claims cover the western flank of Browntop Mountain and extend westward across the Cariboo River. The area is partially logged and the topography slopes moderately steeply westward from an elevation of of 1,430 metres to 820 metres.

The C3 claim is located 1500 metres north-east of the C1 claim, with elevations ranging from 1,220 metres to 1,500 metres. The eastern half of the claim crosses a tributary of Frank Creek which drains the north side of Browntop Mountain. This partially logged area is locally more rugged than the C1 claim. The native tree species in uncut areas are spruce, cedar and fir.

The area within the claims is underlain by a pebbly to sandy glacial drift of irregular thickness. This cover does not appear to be a hindrance to geochemical or geophysical exploration methods.



CASAMIRO RESOURCE CORP.			
CLAIM MAP C1, CONCH 1 CLAIM GP. Northwest Geological Consulting Ltd.			
Scale	Date	NTS	Dwg. No.
1:50,000	Dec. 86	93A/11	2

An exploration season lasting from May to late October can be expected at these elevations.

5. HISTORY

The area was probably first prospected during the 1860 Cariboo gold rush. The earliest records of mining activity in the vicinity of the claims are found in the annual reports of the B.C. Department of Mines. In these reports work is reported in the the Rollie (Duck) Creek area to the north of the property in the early 1900's.

In 1926 and 1933 reports on a Peacock property suggest that this property lies with the western limit of the C1 claim. However no evidence of this occurrence has been found. Several veins, having a northerly strike are reported to occur on the Peacock property. An assay of 0.01 oz/ton Au, 24 oz/ton Ag, 40% Pb and 6% Zn is reported from one of these veins.

Several Crown granted claims occur west of the claims. Among these are the Tillicum Snow Bird, and Pay Boy. Quartz veins up to one metre in thickness occur on the claims. No evidence of these old occurrences were found during the examination.

Approximately 15 km north of the property, on Yanks Peak, old crown grants cover several veins which are hosted by similar lithologies. Their descriptions suggest fault and fracture controlled vein systems hosted by complexly folded metamorphic rocks.

There is no record of any previous work on the claims. Casamiro Resource Corp. carried out a limited program of road improvement, trenching, line cutting and soil sampling in 1984. The soil samples were not analyzed.

6. REGIONAL GEOLOGY

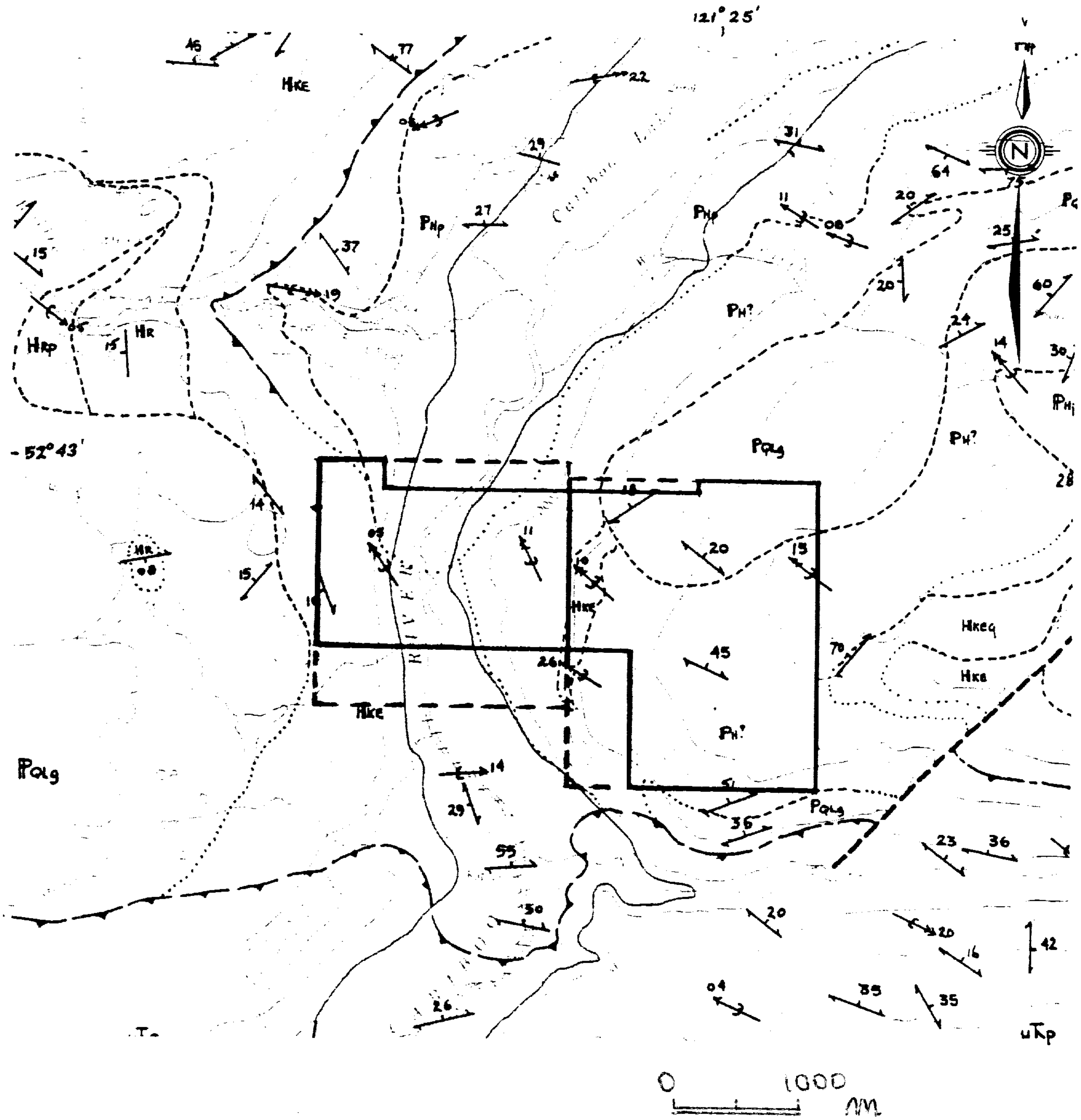
The property lies within and near the western margin of the Omineca Crystalline Belt of the Canadian Cordillera. Rocks of this belt are characterized by complex deformation and moderate to high grade regional metamorphism.

Upper Triassic to Lower Jurassic volcanic and sedimentary rocks of Quesnel Trough, a subdivision of the Intermontane Belt, lie 9 km southwest of the property. The boundary between Omineca and Intermontane Belts is marked by a major shear zone. Large scale tectonic imbrication and mylonitization on both sides of the zone suggest an eastward thrusting of the Intermontane over the Omineca Belt (REES, 1981).

7. LOCAL GEOLOGY

The region in the vicinity of the property has recently been mapped by L.C. Struik on a scale of 1:50,000 (O.F. 920). Three lithologies dominate the area around the southwestern end of Cariboo Lake. These are from structurally lowest to highest: Black siliceous phyllite and argillite of unit PHp, pale grey to green schists of unit PH? olive and olive grey quartzite and phyllite of HKE and granitic feldspar quartz augen gneiss unit PQLg.

The lower two units on the east side of Cariboo River belong to the "Harvey Creek succession" of the Paleozoic? Snowshoe



CASAMIRO RESOURCE CORP.

REGIONAL GEOLOGY
(after Struik, G.S.C. O.F.920)
C1, CONCH 1 CLAIM GP.

Northwest Geological Consulting Ltd.

Scale	Date	NTS	Dwg. No.
1:50,000	Dec. 86	93A/11	3

LEGEND

(after Struik, G.S.C. O.F.920)

Upper Triassic

uTr	undifferentiated uTrp , black shale slate and argillite sillite, micritic limestone, limey sandstone; uTrb , agglomeratic and pyroclastic andesite; uTra , pyroclastic rhyodacite and rhyolite

Devonian?

PQLg .	Quesnel Lake Gneiss leucocratic feldspar quartz phenocrystic quartzmonzontic orthogneiss

HADRYNIAN? AND PALEOZOIC?

SNOWSHOE GROUP

Paleozoic?

PB	"Bralco succession": white and grey marble
PD	"Downey succession": grey and olive-grey quartzite, phyllite and schist and undifferentiated PDc , grey limestone marble with lesser amounts of basic pyroclastic volcanic rocks and schist; PDv , basic pyroclastic volcanic and dioritic rocks with lesser amounts of marble and schist; PDa , amphibolite, marble and schist (metamorphic equivalents of PDc and PDv); PDp , mainly staurolite - garnet - biotite - chlorite - quartz-muscovite schist and lesser amounts of garnet, biotite, muscovite quartzite and amphibolite
PP	"Pine Creek conglomerate": quartzite pebble to cobble conglomerate with minor amounts of quartzite and black phyllite
PGP	"Goose Peak succession": coarse grained feldspathic quartzite and interbedded grey and olive phyllite and schist minor black phyllite and marble
PH	"Harvey Creek succession": dark grey and grey micaceous quartzite and interbedded dark grey phyllite, schist and siltite and undifferentiated PHb, black quartzite, siltite, argillite and phyllite and minor amounts of dark micritic limestone; PHc , limestone and limestone conglomerate; PHm , purpley dark grey very micaceous quartzite and black phyllite

Hadrynian?

HKE	"Keithley succession": olive and olive grey fine-grained quartzite and phyllite and undifferentiated HKEq , white and grey medium coarse grained orthoquartzite; HKEp, grey phyllite

Group. The "Harvey Creek" comprises dark grey to black micaceous quartzite, phyllite, argillite, minor limestone and limestone conglomerate.

Rocks of similar appearance on the west side of Cariboo River (Conch 1 claim), are assigned by Struik to the Hadrynian? "Keithley Succession." In mapping this area, L. Lindinger did not make this distinction.

Outcrops of quartzo-feldspathic granitic gneiss of the Quesnel Lake Gneiss occur at high elevations on the east side of Cariboo River. This unit (PQLg) is believed to be of Devonian age.

8. PROPERTY GEOLOGY

The claims are underlain by two dominant mappable units. Unit 5, chloritic calc-silicate schist, a medium grey-green coloured schist underlies most of the property. These complexly deformed, meta-sedimentary rocks display a wide variety of foliation patterns over the property. Unit 4, calc-silicate schist and unit 2, spotted chloritic schist and gneiss are two mappable subdivisions of unit 5 which occur in the northeast corner of the property.

In the northwest corner of the property a thin dark brown weathering beige coloured meta-chert or quartzite is interbanded within unit 5. This is labelled unit 1 on fig. 15. It carries fine pyrite in veinlets and as a breccia matrix. There is no significant geochemical response from soils taken in the immediate area of the pyrite.

The second most common rock type (unit 6), is a white to grey-green weathering, feldspar-quartz augen gneiss. It occurs as a northwest trending lobe within unit 5 and is a metamorphosed intrusion of quartz-monzonitic composition and possible Devonian age. Contact relationships are unclear, however on a larger scale, these gneissic bodies appear to be flat-lying or gently dipping.

9. GEOCHEMISTRY

In total, 187 geochemical samples were taken on the three claims, along 3 separate grids. This total includes 1 silt and 105 soil samples collected on the c1, Conch 1 claim group, and 7 silts and 74 soil samples taken on the C3 claim. Soils were collected at 100 metre intervals along flagged, "hip-chain" and compass surveyed lines. Three lines, spaced 100 metres apart were run on the Conch 1 claim in a north-south direction. Lines on the C1 and C3 claims were spaced 200 metres apart and run in an east-west direction.

Soil samples were taken of B horizon material whenever possible. In a few locations soil samples could not be taken because of outcrop or swampy conditions. Silt samples were taken in a few selected areas where streams crossed grid lines.

Samples were analyzed by Acme Analytical Laboratories Ltd. of Vancouver. The analysis included Mo, Cu, Pb, Zn, Ag, Ni, Co, Mn, Fe, As and Au. The first 10 elements were analyzed by Inductively Coupled Argon Plasma (ICP) methods and are reported in PPM. Gold was analyzed by Atomic Absorption using a 10 gm sample. Gold results are reported in PPB and have a detection limit of 1 PPB.

Sample certificates are appended to this report. Theoretical grid coordinates are used as sample numbers. Actual sample sites are shown on the maps which accompany this report. A few sample number corrections are noted on the Analysis sheets. A second, corrected version of the analyses produced by the writer is also appended to this report. The analyses in the list are sorted according to grid coordinates and in the order that they were plotted.

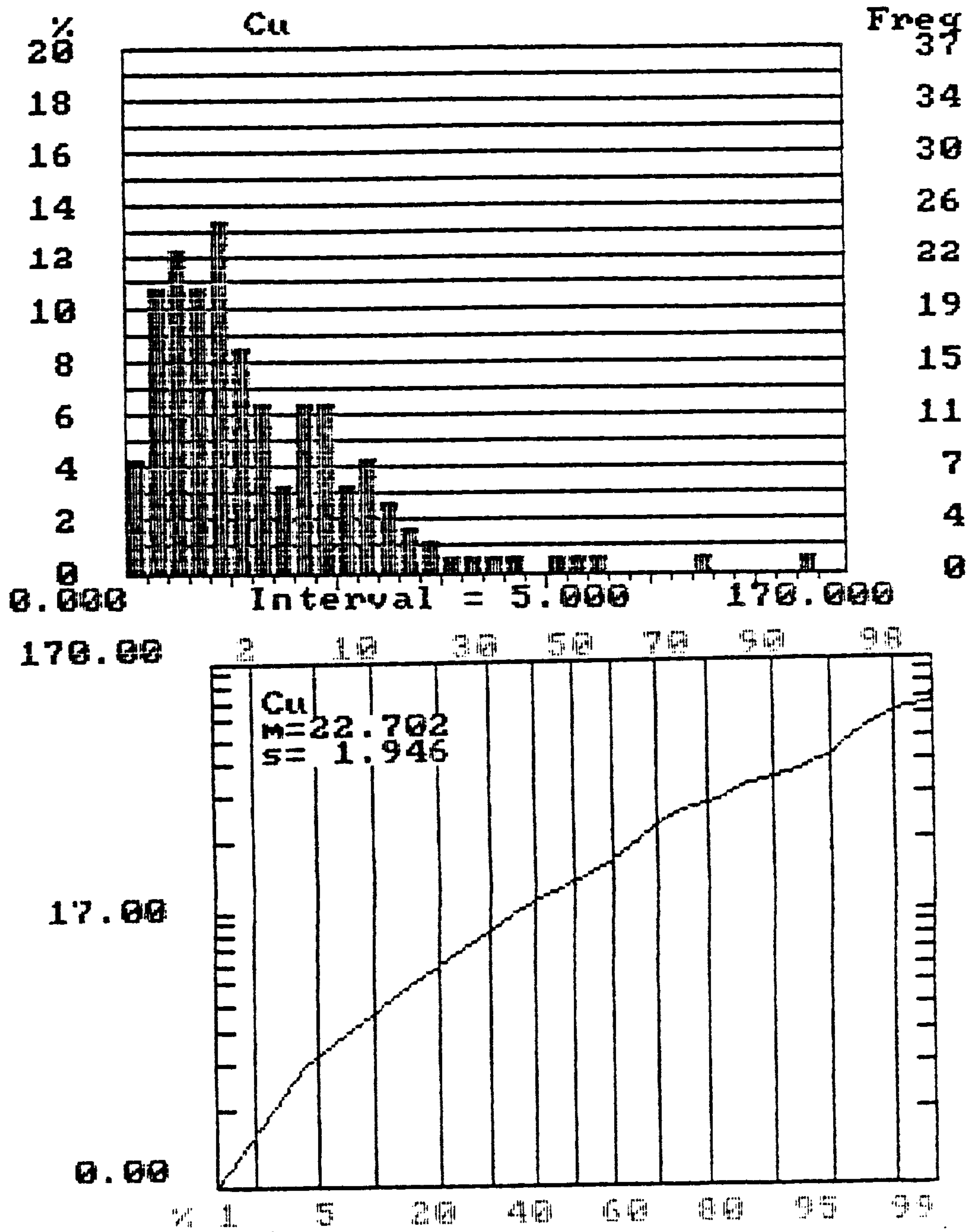
A basic statistical analysis of the data was carried out. Basic statistics are reported in appendix D. Histograms and log-scale probability plots of the data are shown in fig. 4 to 14. These graphs were used in conjunction with basic statistics to determine background and anomalous populations. Six classes from 0 to 5 were chosen for each element.

The classes indicate an increasing probability of importance beginning with 0 which is considered to be background. The higher class boundaries were chosen to produce data which is easily contourable and can be compared to geology.

Contour maps of all the elements were made of the three grid areas, on rough copies of the data. Contour maps are not presented in final drafted form, however the areas of interest are outlined on figures 16 and 17.

CONCH GRID

One area of interest is indicated in the northwest corner of



CASAMIRO RESOURCE CORP.

Cu HISTOGRAM & PROBABILITY GRAPH
C1, CONCH 1
and C 3 CLAIM GP.

Northwest Geological Consulting Ltd.

Scale	Date	NTS	Dwg. No.
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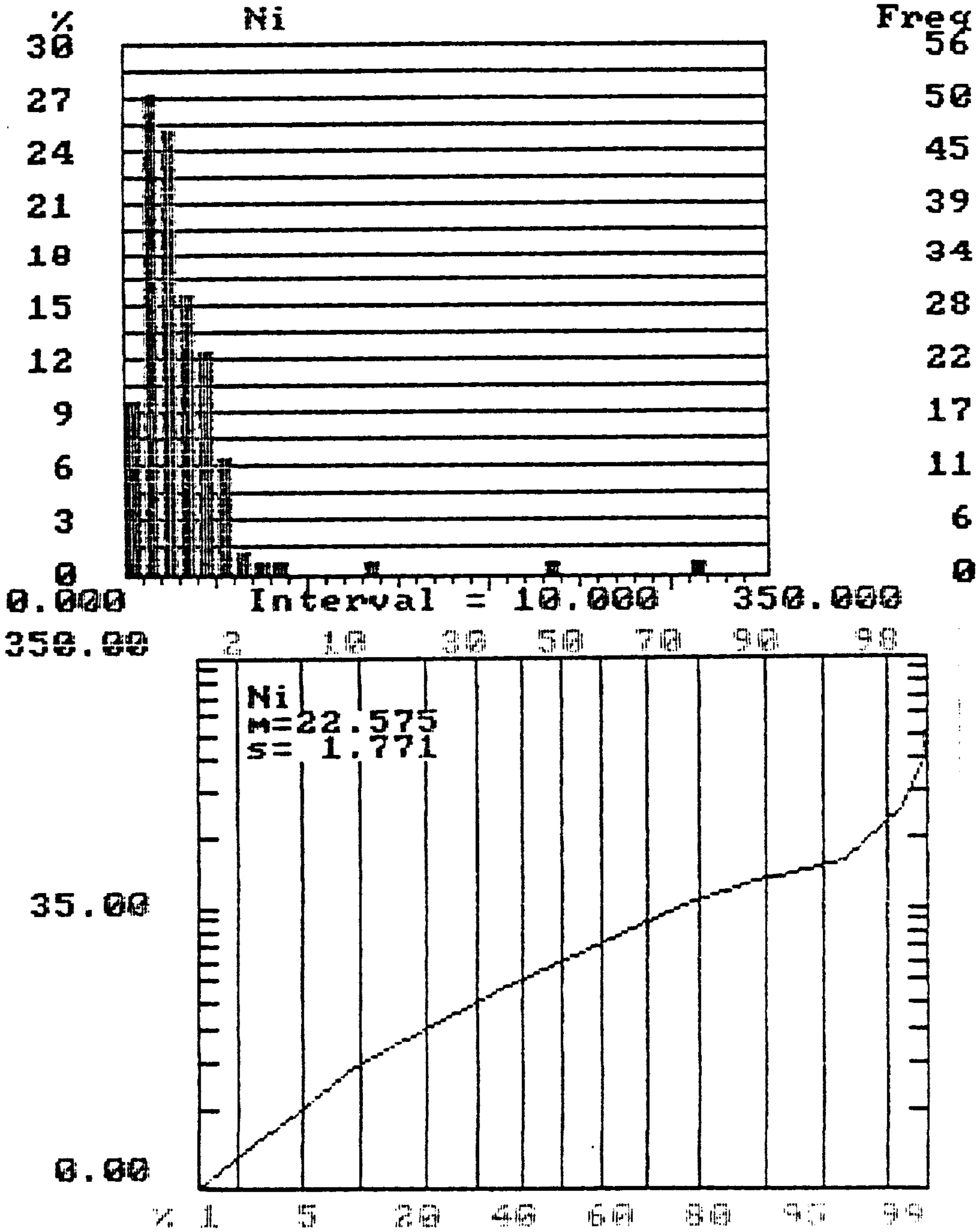

CASAMIRO RESOURCE CORP.			
Ni HISTOGRAM & PROBABILITY GRAPH C1, CONCH 1 and C 3 CLAIM GP. Northwest Geological Consulting Ltd.			
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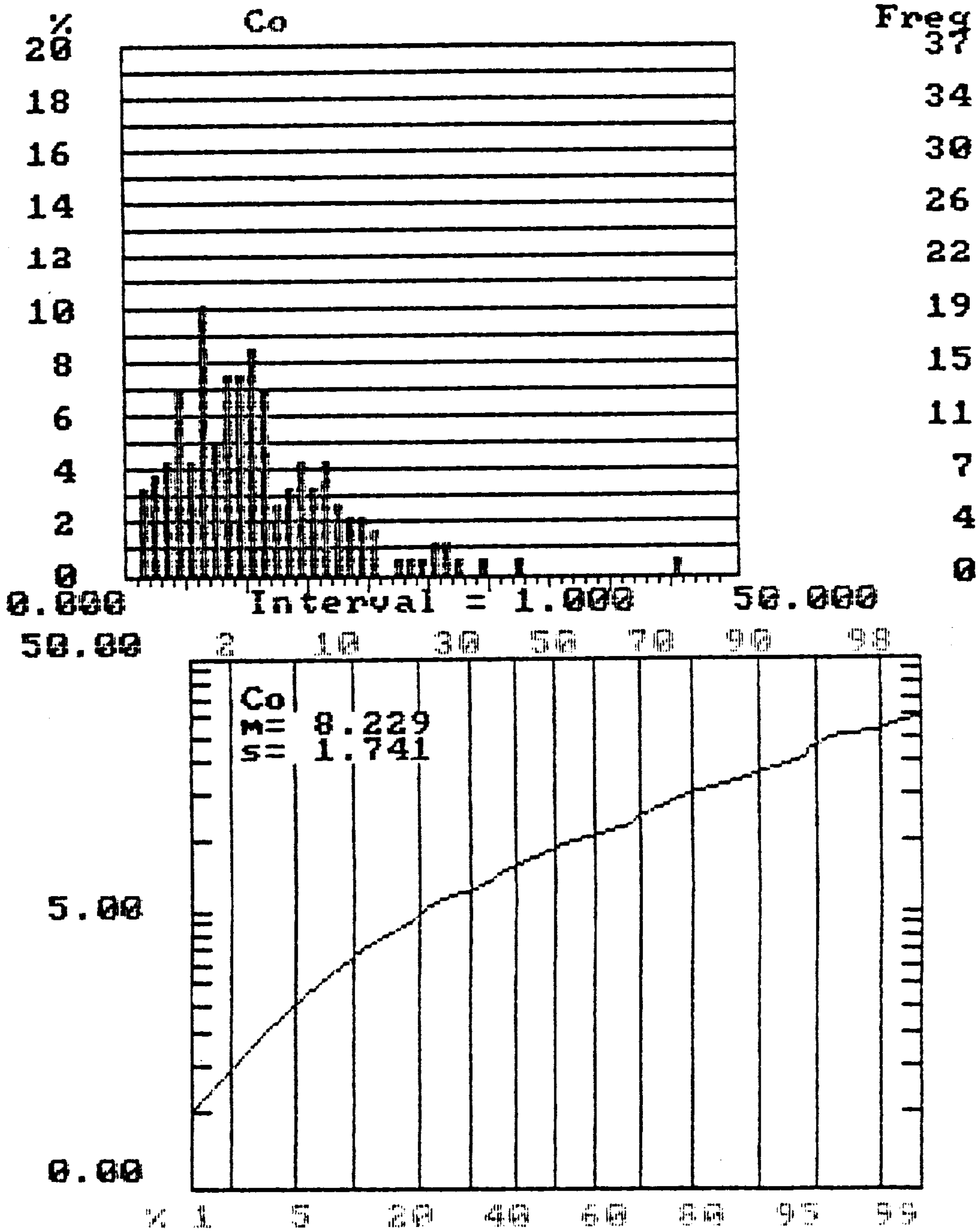
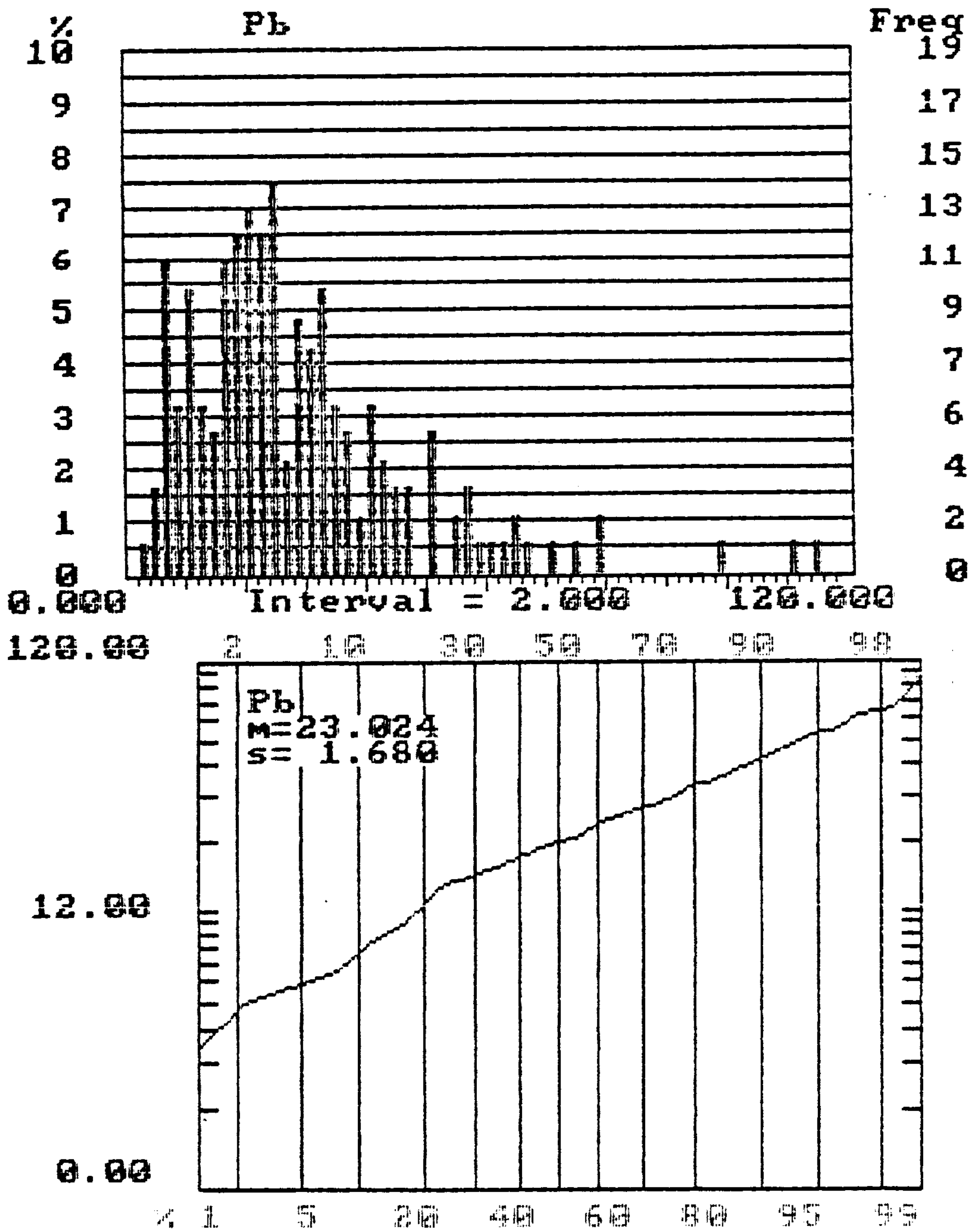
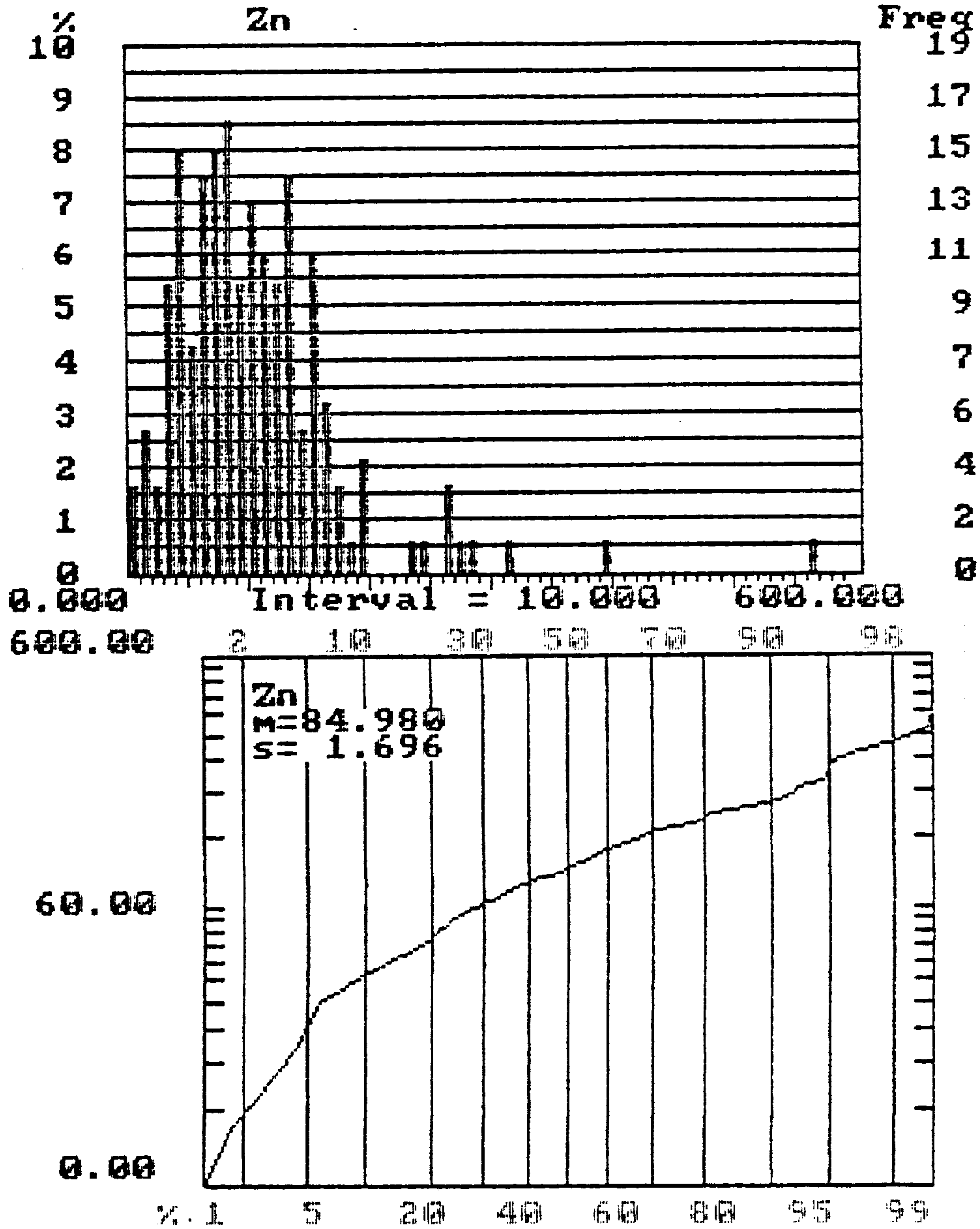


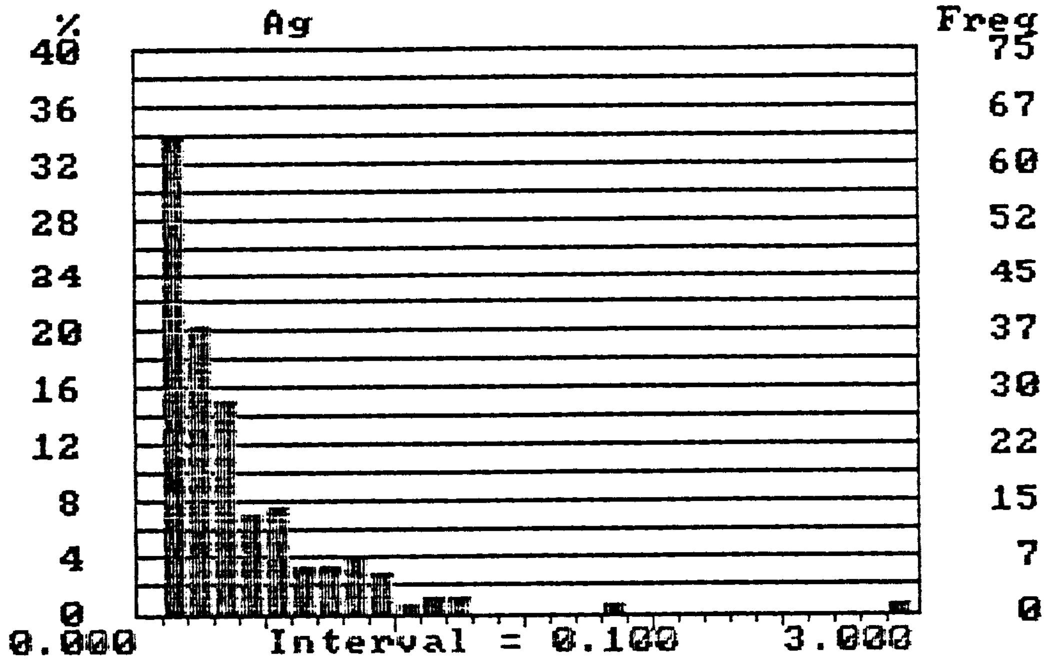
CASAMIRO RESOURCE CORP.			
Co HISTOGRAM & PROBABILITY GRAPH C1, CONCH 1 and C 3 CLAIM GP. Northwest Geological Consulting Ltd.			
Scale	Date	NTS	Dwg. No.
	Dec. 86	93A/11	6

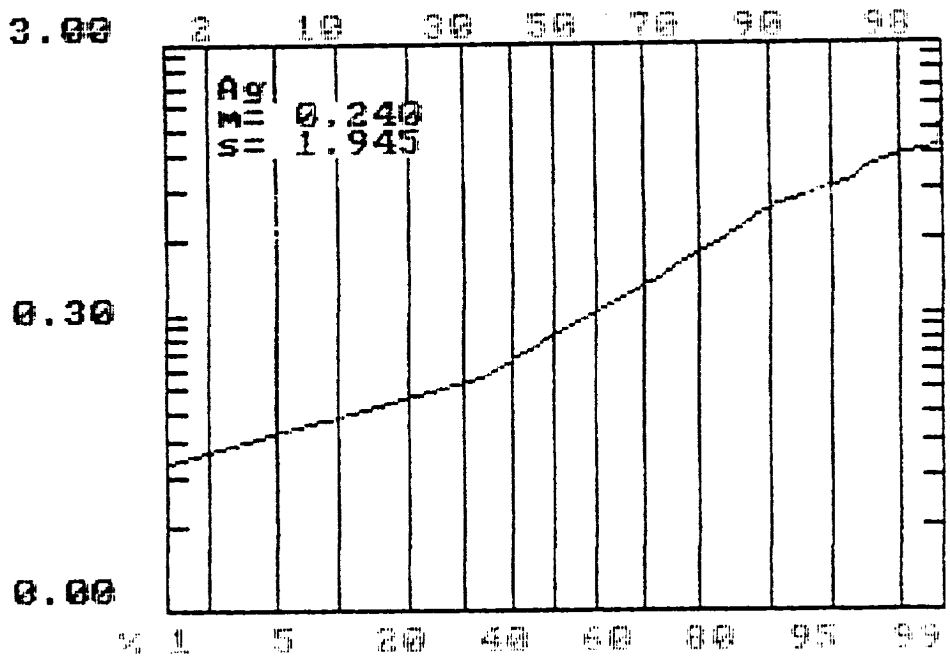


CASAMIRO RESOURCE CORP.			
Pb HISTOGRAM & PROBABILITY GRAPH C1, CONCH 1 and C 3 CLAIM GP. Northwest Geological Consulting Ltd.			
Scale	Date	NTS	Dwg. No.
	Dec. 86	93A/11	7

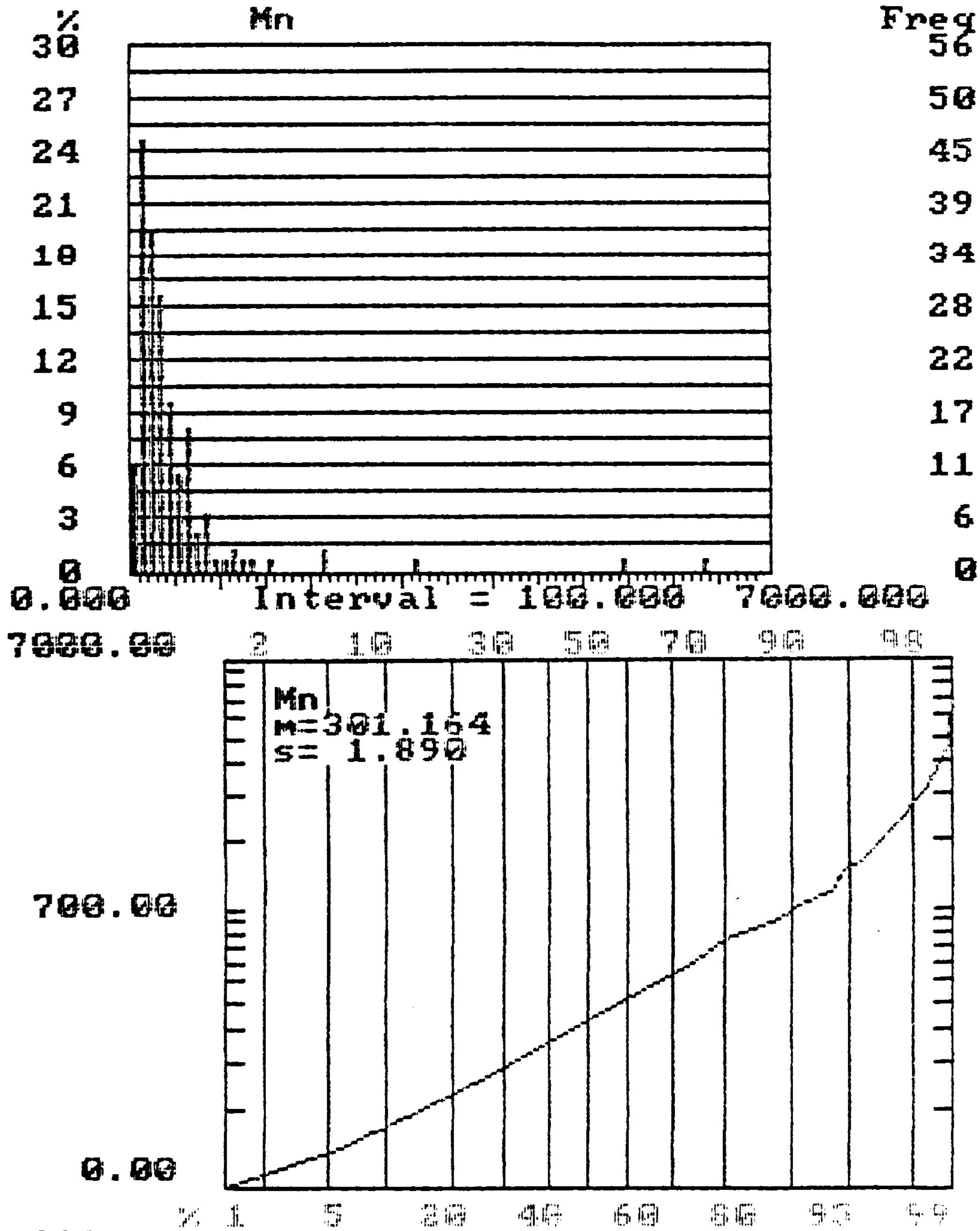


CASAMIRO RESOURCE CORP.			
Zn HISTOGRAM & PROBABILITY GRAPH C1, CONCH 1 and C 3 CLAIM GP. Northwest Geological Consulting Ltd.			
Scale	Date	NTS	Dwg. No.
	Dec. 86	93A/11	8





CASAMIRO RESOURCE CORP.			
Ag HISTOGRAM & PROBABILITY GRAPH C1, CONCH 1 and C 3 CLAIM GP. Northwest Geological Consulting Ltd.			
Scale	Date	NTS	Dwg. No.
	Dec. 86	93A/11	9



CASAMIRO RESOURCE CORP.			
Mn HISTOGRAM & PROBABILITY GRAPH C1, CONCH 1 and C 3 CLAIM GP. Northwest Geological Consulting Ltd.			
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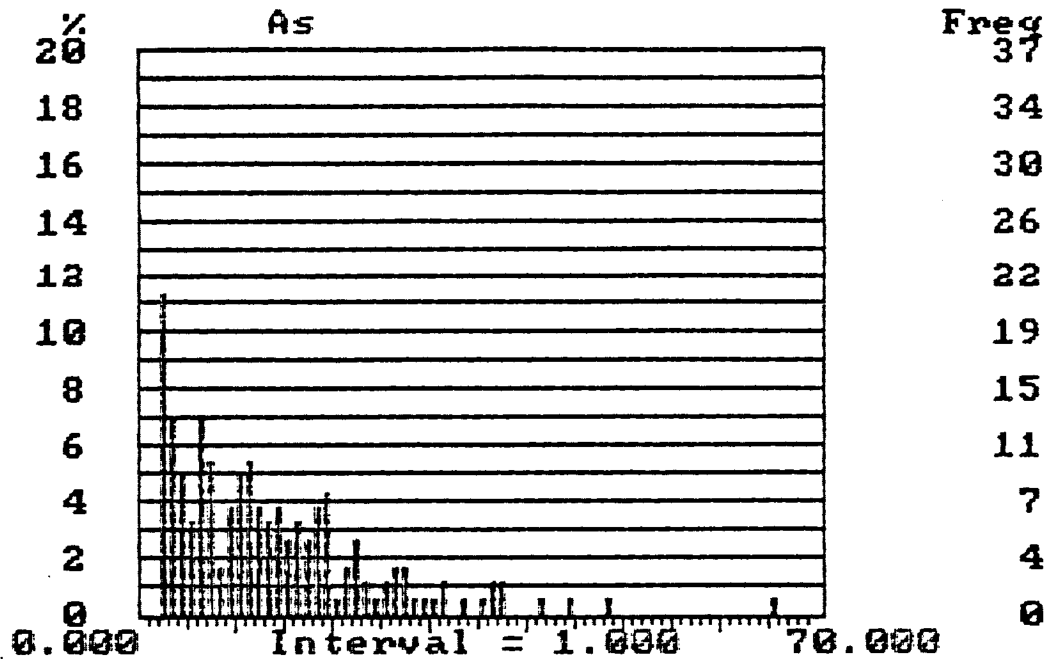
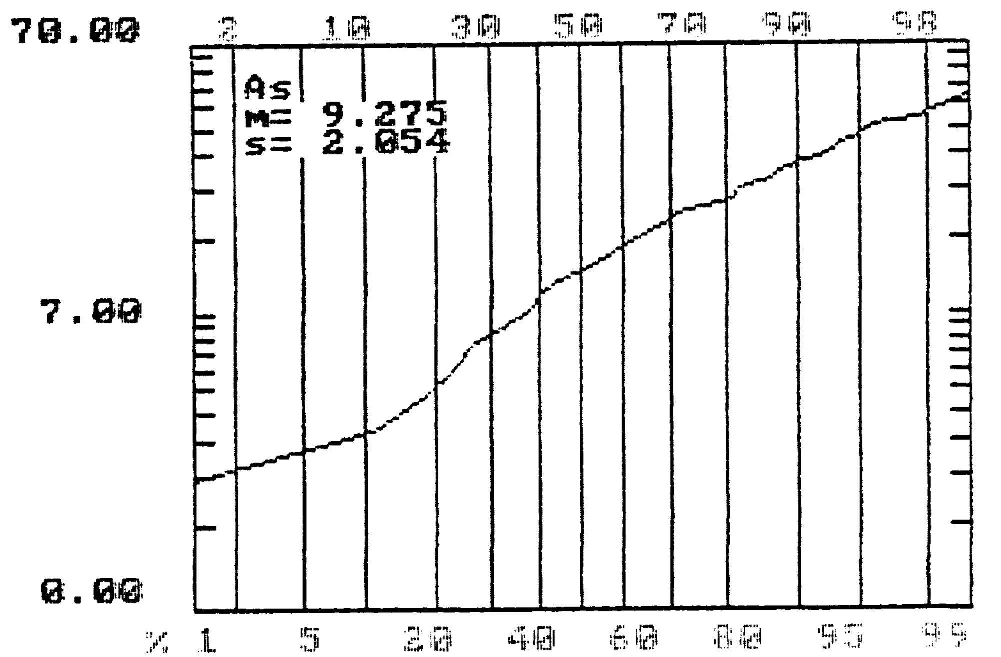
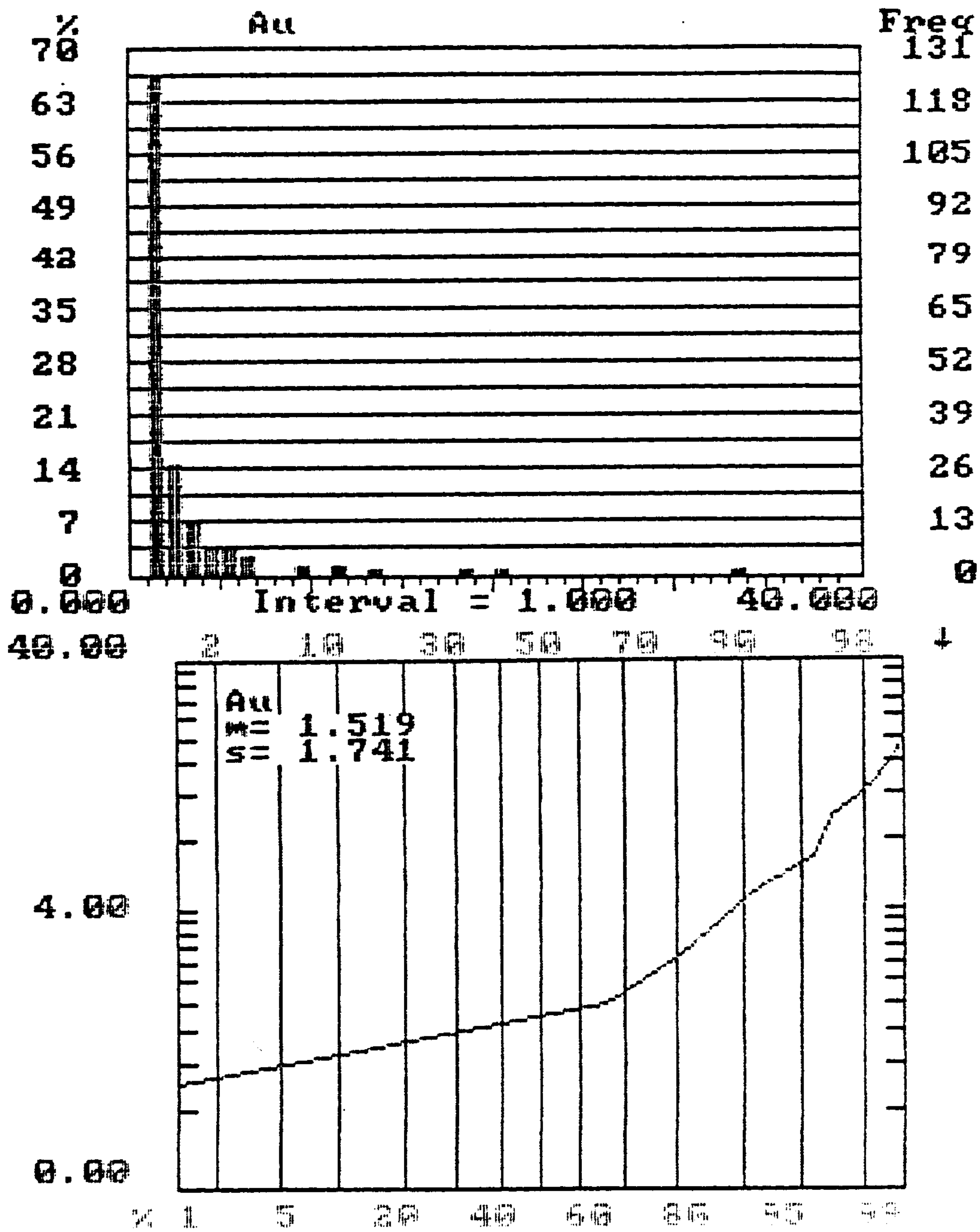
	Dec. 86	93A/11	10

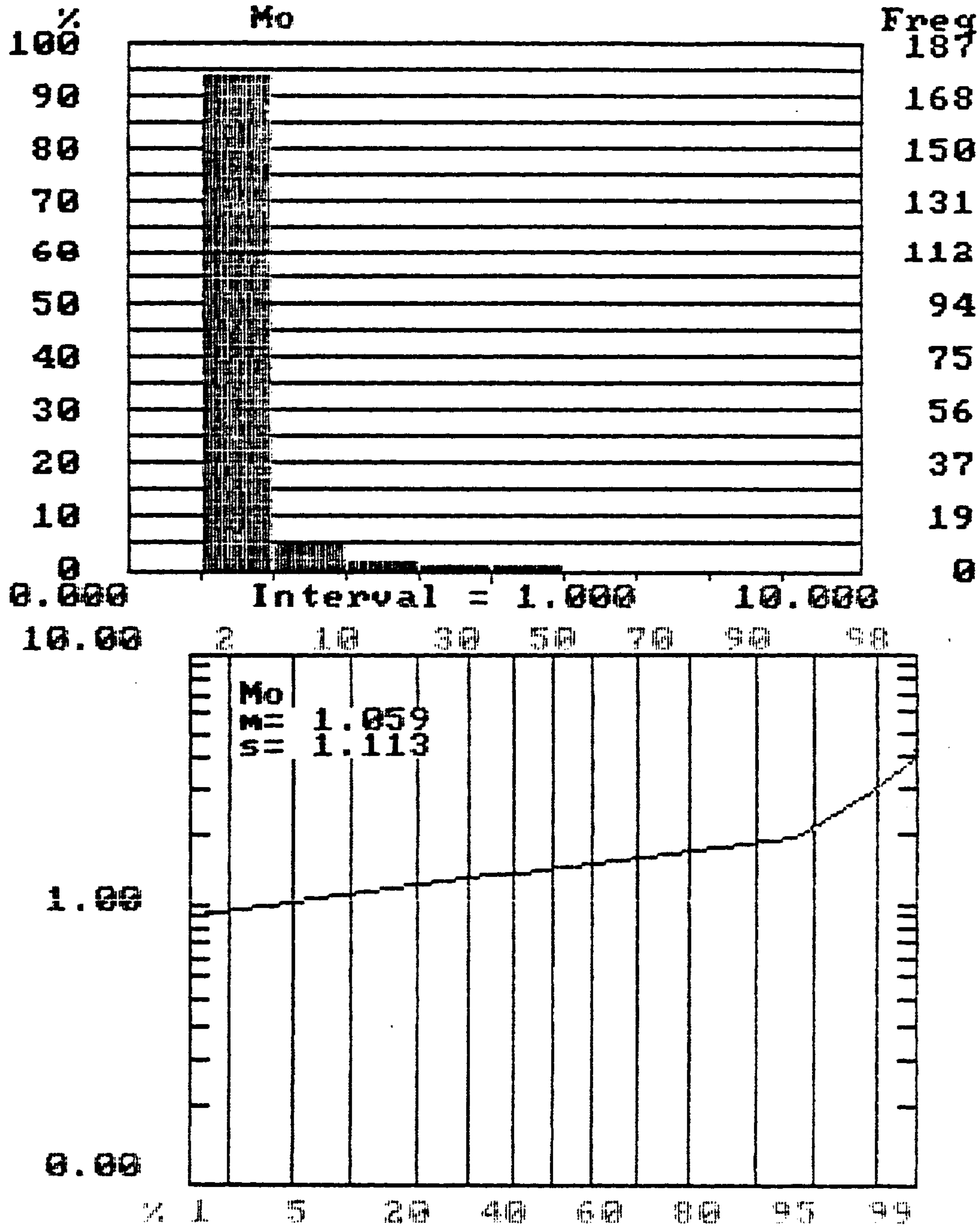




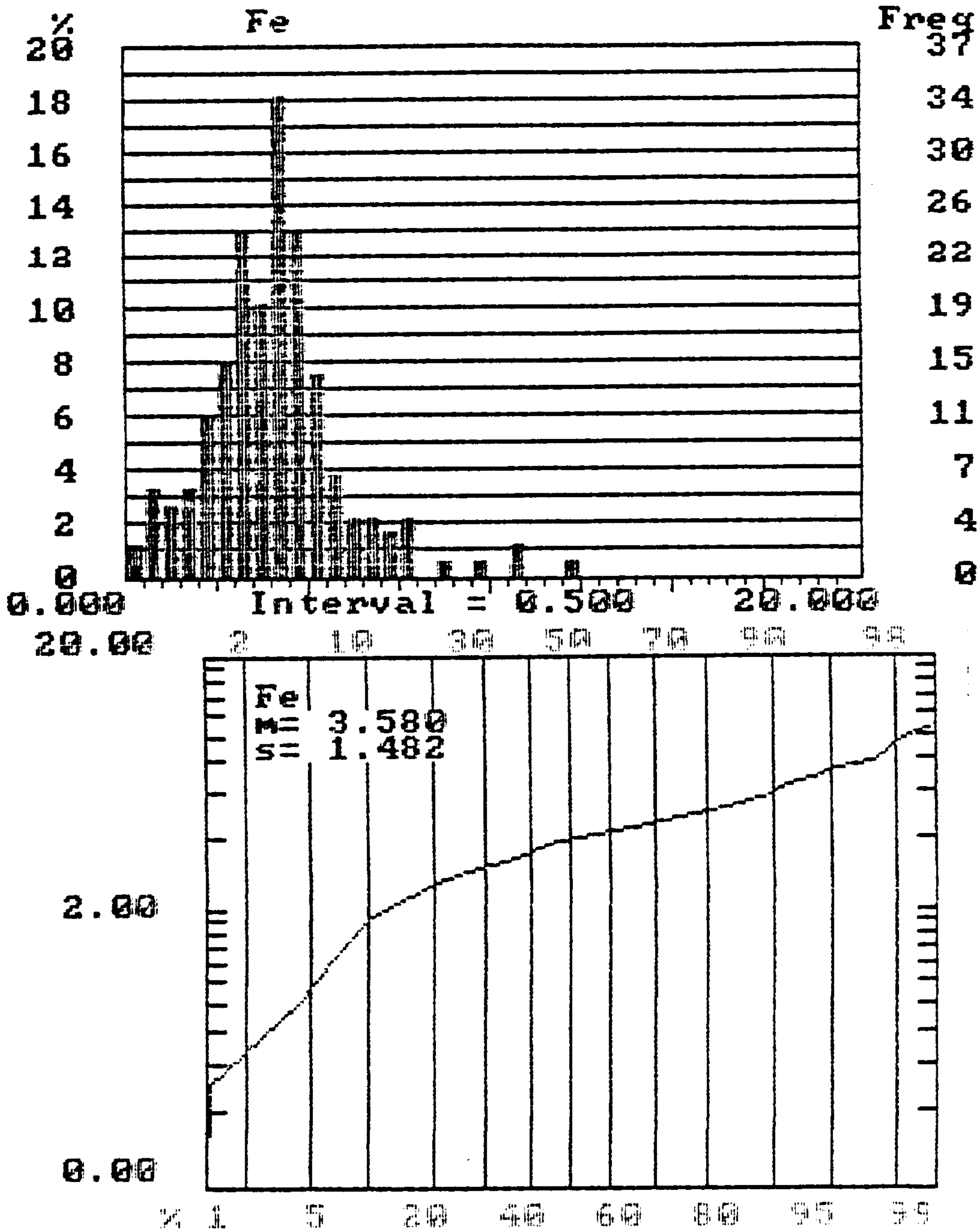
CASAMIRO RESOURCE CORP.			
As HISTOGRAM & PROBABILITY GRAPH C1, CONCH 1 and C 3 CLAIM GP. Northwest Geological Consulting Ltd.			
Scale	Date	NTS	Dwg. No.
	Dec. 86	93A/11	11



CASAMIRO RESOURCE CORP.			
Au HISTOGRAM & PROBABILITY GRAPH C1, CONCH 1 and C 3 CLAIM GP. Northwest Geological Consulting Ltd.			
Scale	Date	NTS	Dwg. No.
	Dec. 86	93A/11	12



CASAMIRO RESOURCE CORP.			
Mo HISTOGRAM & PROBABILITY GRAPH C1, CONCH 1 and C 3 CLAIM GP. Northwest Geological Consulting Ltd.			
Scale	Date	NTS	Dwg. No.
	Dec. 86	93A/11	13



CASAMIRO RESOURCE CORP.			
Fe HISTOGRAM & PROBABILITY GRAPH C1, CONCH 1 and C 3 CLAIM GP. Northwest Geological Consulting Ltd.			
Scale	Date	NTS	Dwg. No.
	Dec. 86	93A/11	14

the Conch grid. Sample 70+00 N - 50+00 E is anomalous in most metals. The more significant values are 111 PPM Cu, 0.7 PPM Ag, and 65 PPM As. Gold returned a low 4 PPB but two nearby values of 11 and 18 PPB help to define the anomaly. This anomaly lies up hill and northwest of a small outcrop of pyritic chert or quartzite.

C1 GRID

The highest gold value, 33 PPB is located near the centre of the C1 grid (anomaly "B"). Although there is no evidence of gold in nearby samples, this site is located within a 600 metre long north-east trending silver anomaly. The anomaly is defined by four sample sites which range from 0.9 to 1.2 PPM Ag. The area is underlain by unit 6 augen gneiss.

Other elevated gold values on the C 1 grid include a 20 PPB Au silt sample located in the northeast corner of the grid. This sample is low in Ag but anomalous in other base metals. Nearby soil samples are significantly lower, suggesting a source east of the C1 claim boundary. The remaining elevated gold values occur in the southeast corner of the grid and along line 68+00N. There is no associated silver response in these areas.

Anomaly "C" in the southeast corner of the grid is a single sample site which is anomalous in base metals relative to adjacent sample sites. The area is underlain by unit 5 chloritic calc-silicate schist.

Most of the contoured data lacked clear patterns. Slightly elevated Cu, and Ni results are associated with the unit 5 and 6 contact on the east side of the grid. Zn, Pb and As lows also define this contact.

10. CONCLUSIONS

The aim of the program was to locate areas of precious metals mineralization. The history of exploration in the area suggests a vein setting of mineralization is the most likely to occur on the property. Mapping and sampling on the two properties did not locate clear evidence of this type of mineralization but did outline three geochemical anomalies on the C1, Conch 1 grids and one area of interest on the C3 grid.

Anomaly "A" on the Conch grid and anomaly "D" on the C3 grid are located close to the property boundaries and may indicate targets off the property. Similarly, an isolated silt sample in the northeast corner of the C1 grid suggests a source beyond the property boundary.

Anomaly "B" on the C1 grid and anomaly "D" on the C3 grid, appear to reflect lithological boundaries.

11. STATEMENT OF COST

* indicates pro rata division of costs

C1 CONCH 1

I FIELD COSTS

1) LABOUR

U. Schmidt:	Aug.28(½),29(½)			
	1 day at $250/day			$ 250.00
L. Lindinger:	Aug.28(½),29(½),Sept.2-4			
	Travel Sept. 5			
	5 Days at $200/day			$ 1000.00
D. MacDonald:	Sept. 2-4			
	3 days at $145/day			$ 435.00
J. Pascuzzo:	Sept. 2-4			
	3 days at $100/day			$ 300.00
				$ 1985.00

2) ROOM & BOARD

16 man days @ $45/man day	=	$ 720.00		
Motel		$40.66		
Meals		$33.28		
	TOTAL	$ 793.94	*	$ 476.36

3) TRANSPORTATION

2 Wheel drive Van Rental	=	$ 456.03		
2 Wheel drive Truck	=	$ 25.00		
Fuel	=	$ 90.00		
	TOTAL	$ 571.03	*	$ 342.62

4) CONSUMABLES & FIELD SUPPLIES

CONSUMABLES & FIELD SUPPLIES	=	$ 127.00	*	$ 76.20

5) GEOCHEMICAL ANALYSIS

105 SOIL geochemical analyses @ $ 9.75	=	$ 1023.75	
1 SILT geochemical analyses @ $ 9.75	=	$ 9.75	
		$ 1033.50	$ 1033.50

II OFFICE COSTS

1) Plotting, interpretation and report writing			
U. Schmidt: 5 days at $ 250/day	=	$ 1250.00	
L. Lindinger: 1 day at $200/day	=	$ 200.00	
		$ 1450.00	* $ 750.00
2) DRAFTING	=	$ 420.00	* $ 252.00
3) REPRODUCTION, PHOTOCOPYING & COMMUNICATION	=	$ 140.05	* $ 84.03
		TOTAL	$4,999.71

12. REFERENCES

Annual Reports of the B.C. Department of Mines 1925, 1926, 1928, 1929, 1930, 1933.

CAMPBELL,R.B. AND TIPPER, H.W. (1970): Geology and Mineral Exploration Potential of Quesnel Trough, B.C. CIM Bulletin Vol 63 pp 785-790.

--------- (1978) G.S.C. Open File 574 Geology , Quesnel Lake, 93A

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STRUIK, L.C. (1982): G.S.C. Open File 920 Spanish Lake and Adjoining Areas.

------------(1981a):Snowshoe Formation ,Central B.C. G.S.C. Paper 81-1A p.213-216

------------(1981b):A re-examination of the type area of the Devono-Mississippian Cariboo Orogeny, central B.C., Can. Jour. Earth Sci. vol.18 no.12

TIPPER,H.W. et al(1979):Parsnip River,B.C. Map 1424A

APPENDIX A

CERTIFICATE OF QUALIFICATIONS

I,Uwe Schmidt ,of 656 Foresthill Place, Port Moody, B.C. do hereby declare:

(1) I am a 1971 graduate of the University of British Columbia with a B.Sc. degree in Geology.

(2) I have practiced my profession continuously since graduation.

(3) I have managed various mineral exploration projects in the Yukon Territory and B.C. for the past 13 years.

(4) This report is based on my field examination of the property, work carried out under my supervision and available government reports.

GEOLOGICAL ASSOCIATION OF CANADA
UWE SCHMIDT
FELLOW

Uwe Schmidt,B.Sc. F.G.A.C.

December 22, 1986
Vancouver,B.C

APPENDIX B

.ME ANALYTICAL LABORATORIES LTD. DATE RECEIVED: SEPT 18 1986
852 E.HASTINGS ST.VANCOUVER B.C. V6A 1R6
PHONE 253-3158 DATA LINE 251-1011 DATE REPORT MAILED: Sept 24/86..

GEOCHEMICAL ICP ANALYSIS

.500 GRAM SAMPLE IS DIGESTED WITH 3ML 3-1-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR AND IS DILUTED TO 10 ML WITH WATER.
THIS LEACH IS PARTIAL FOR MN.FE.CA.P.CR.MG.BA.TI.B.AL.NA.K.W.SI.ZR.CE.SN.Y.NB AND TA. AU DETECTION LIMIT BY ICP IS 3 PPM.
- SAMPLE TYPE: SOILS -80 MESH AU* ANALYSIS BY AA FROM 10 GRAM SAMPLE.

ASSAYER: D Toye DEAN TOYE. CERTIFIED B.C. ASSAYER.

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SAMPLE#	Mo PPM	Cu PPM	Pb PPM	Zn PPM	Ag PPM	Ni PPM	Co PPM	Mn PPM	Fe %	As PPM	Au* PPB
X 78+00N 126+00E (126+60E)	1	25	11	92	.1	35	16	620	4.80	6	1
X 78+00N 127+75E ?	1	45	19	82	.2	46	18	374	5.42	7	2
78+00N 106+00E	1	23	19	84	.6	23	6	184	2.84	19	4
78+00N 107+00E	1	17	25	82	.2	23	6	132	3.14	13	1
78+00N 111+00E	1	17	20	60	.2	21	6	145	3.83	6	1
78+00N 112+00E	1	5	8	9	.2	3	1	31	1.74	4	1
78+00N 113+00E	1	9	22	46	.2	10	4	107	4.13	7	1
78+00N 114+00E	1	14	24	39	.5	10	4	92	5.73	11	2
78+00N 115+00E	1	30	20	77	.3	26	10	262	5.95	14	1
78+00N 116+00E	1	9	23	101	.1	18	7	528	5.02	10	1
78+00N 117+00E	1	13	38	112	.6	15	7	203	3.31	11	1
78+00N 118+00E	1	16	24	71	.8	15	9	836	3.18	7	2
78+00N 119+00E	1	24	11	58	.5	29	11	243	4.62	3	2
SILT X 78+00N 119+60E 20E	1	38	19	124	.3	48	17	634	4.36	3	2
78+00N 120+00E	1	33	17	54	.1	17	6	361	4.15	6	1
78+00N 121+00E	2	40	21	78	.1	15	8	450	9.58	9	1
78+00N 122+00E	1	13	7	30	.1	8	3	182	2.13	4	1
78+00N 123+00E	1	48	12	69	.1	37	13	248	4.60	5	1
78+00N 125+00E	1	36	27	88	.8	31	12	293	7.47	19	5
78+00N 126+00E	1	18	22	89	.1	24	10	220	6.44	7	1
78+00N 127+00E	1	32	18	140	.2	37	19	279	6.00	2	1
78+00N 128+00E	1	11	12	60	.2	12	6	139	3.36	2	1
78+00N 129+00E	1	13	19	50	.2	13	8	391	3.69	5	1
76+00N 107+00E	1	25	12	94	.2	20	14	690	3.83	28	1
76+00N 108+00E	1	69	115	272	.3	57	26	1010	5.11	44	3
76+00N 109+00E	1	5	21	65	.7	10	4	152	2.55	8	1
76+00N 110+00E	1	14	35	67	.4	18	6	146	4.53	6	1
76+00N 111+00E	1	28	19	98	.2	23	9	242	4.78	9	1
76+00N 112+00E	1	12	21	46	.1	10	4	145	3.61	6	1
76+00N 113+00E	2	55	51	114	1.8	27	20	3108	4.70	19	1
76+00N 116+00E	1	24	36	135	.9	25	17	854	4.35	36	1
76+00N 117+00E	1	16	22	59	.2	16	6	144	5.37	18	1
X 76+00N 118+50E	1	44	23	130	.3	52	20	659	4.80	6	1
76+00N 120+00E	2	34	22	85	.3	14	6	280	5.57	3	1
76+00N 121+00E	5	50	34	83	.1	21	7	151	10.73	24	3
X 76+00N 121+80E	1	57	41	80	.5	48	14	905	4.30	15	5
STD C/AU-S	21	61	41	143	7.0	73	30	1072	4.00	36	50

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	SAMPLE#	Mo PPM	Cu PPM	Pb PPM	Zn PPM	Ag PPM	Ni PPM	Co PPM	Mn PPM	Fe %	As PPM	Au* PPB
	76+00N 122+00E	3	161	46	108	1.1	73	32	6372	4.90	8	1
	76+00N 123+00E	1	21	15	116	.2	23	11	626	5.32	2	1
	76+00N 124+00E	1	31	15	62	.2	17	6	168	6.63	6	1
	76+00N 125+00E	2	47	25	72	.1	19	8	199	12.42	12	1
	76+00N 126+00E	3	20	21	129	.3	23	19	495	10.90	6	1
	76+00N 127+00E	1	21	18	84	.1	24	12	644	6.90	2	1
	76+00N 128+00E	1	39	24	108	.1	46	15	375	6.55	4	1
	76+00N 129+00E	1	22	24	78	.4	21	9	254	7.78	3	1
73+50E	74+00N 106+00E	4	104	110	242	2.9	80	27	5460	7.79	48	2
	74+00N 107+00E	1	16	29	76	.1	21	8	313	3.04	10	1
	74+00N 108+00E	1	4	11	24	.3	6	2	79	1.27	3	2
	74+00N 109+00E	1	3	10	18	.1	3	2	102	.67	2	1
	74+00N 110+00E	1	2	8	22	.3	4	2	128	1.04	2	1
	74+00N 111+00E	1	9	20	58	.1	14	5	144	3.06	10	2
	74+00N 112+00E	1	4	17	34	.1	7	3	107	2.27	4	1
	74+00N 114+00E	1	5	8	24	.1	5	2	106	1.08	3	2
	74+00N 115+00E	1	3	7	33	.1	5	2	65	1.73	7	4
	74+00N 116+00E	1	22	18	62	.2	21	6	126	5.34	16	1
	74+00N 117+00E	1	20	30	67	.3	34	10	464	2.99	19	1
SILT X	74+00N 117+85E	1	51	22	126	.4	50	19	619	4.64	2	1
	74+00N 118+00E	1	20	17	64	.2	14	10	621	2.82	6	2
	74+00N 120+00E	1	20	7	39	.1	13	4	104	2.11	3	1
73+50N	~~74+00N~~ 122+00E	1	27	7	31	.1	12	3	72	1.99	4	1
	74+00N 123+00E	1	18	7	44	.1	15	6	169	4.45	3	1
	74+00N 124+00E	1	9	6	35	.1	10	4	147	2.38	2	1
	74+00N 125+00E	1	30	13	54	.3	13	5	158	6.27	3	1
	72+00N 105+00E	1	12	6	12	.9	5	1	45	.37	2	1
	72+00N 106+00E	1	7	11	44	.2	12	4	144	1.81	2	2
	72+00N 107+00E	1	1	4	7	.2	1	1	129	.12	2	1
	72+00N 108+00E	1	14	29	92	.6	37	14	211	5.58	5	9
	72+00N 109+00E	1	8	21	39	.2	8	3	148	3.73	9	1
	72+00N 110+00E	1	7	16	48	.6	10	4	109	4.08	9	1
	72+00N 111+00E	1	21	32	89	1.2	21	12	465	3.11	6	1
	72+00N 112+00E	1	16	32	78	.1	17	10	333	2.81	7	1
	72+00N 113+00E	1	4	5	18	.2	5	1	34	.57	2	1
	72+00N 115+00E	1	3	3	15	.3	3	1	51	.83	2	1
	STD C/AU-S	22	59	42	139	7.2	70	29	1042	4.00	39	51

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SAMPLE#	Mo PPM	Cu PPM	Pb PPM	Zn PPM	Ag PPM	Ni PPM	Co PPM	Mn PPM	Fe %	As PPM	Au# PPB
72+00N 117+00E	1	14	15	61	.1	13	5	144	5.88	27	1
SILT 72+00N 117+85E X	2	49	22	130	.7	50	18	632	4.72	3	1
72+00N 118+00E	1	36	12	84	.4	24	7	153	2.82	4	1
72+00N 119+00E	1	22	25	102	.4	16	6	149	4.58	11	1
72+00N 121+00E	1	13	7	41	.6	12	5	130	4.61	3	1
72+00N 122+00E	1	11	7	49	.1	13	5	222	4.07	7	2
72+00N 123+00E	1	27	10	44	.1	18	7	141	7.21	11	1
72+00N 124+00E	1	17	12	69	.1	17	8	224	7.05	6	1
72+00N 125+00E	1	16	16	48	.1	15	6	192	6.18	17	1
C1 68+00N 70+00E	1	24	20	105	.1	29	10	321	3.21	11	3
68+00N 71+00E	1	37	44	118	.1	30	10	491	3.32	17	2
68+00N 72+00E	1	16	28	94	.4	15	5	143	2.73	10	2
68+00N 73+00E	1	61	25	260	.2	31	9	262	4.39	17	2
68+00N 74+00E	1	49	41	148	.3	41	14	512	4.28	20	1
68+00N 75+00E	1	26	23	152	.3	33	11	317	4.07	15	11
68+00N 76+00E	1	23	24	130	.3	29	11	317	3.13	13	3
68+00N 77+00E	1	50	36	129	.2	42	12	458	3.61	22	2
68+00N 78+00E	1	36	33	167	.5	37	13	421	3.69	16	6
68+00N 79+00E	1	43	43	184	.2	39	14	433	4.52	25	1
68+00N 80+00E	1	42	32	109	.5	30	9	301	3.30	18	1
68+00N 81+00E	1	105	54	130	.5	68	17	532	5.07	18	2
68+00N 82+00E	1	47	34	116	.3	40	16	666	4.13	12	1
68+00N 83+00E	1	54	78	193	.3	55	25	880	4.95	37	5
68+00N 84+00E	1	30	28	134	.2	32	9	327	4.09	12	1
68+00N 85+00E	1	42	34	165	.2	33	10	296	3.74	19	1
68+00N 86+00E	1	53	47	230	.8	50	20	406	6.67	33	1
68+00N 87+00E	1	73	57	159	.3	51	26	622	5.93	35	1
SILT X 68+00N 87+70E	1	40	37	163	.3	48	23	2127	4.46	31	20
68+00N 88+00E	1	21	30	94	.6	19	6	162	2.53	26	1
68+00N 89+00E	1	48	40	131	.3	32	13	497	3.59	27	1
66+00N 70+00E	1	49	57	153	.4	39	16	351	4.58	36	1
66+00N 71+00E	1	62	64	393	.5	47	19	742	4.87	23	1
66+00N 72+00E	1	78	45	131	.8	43	13	716	3.19	19	1
66+00N 73+00E	1	31	50	152	.4	29	9	338	3.13	18	1
66+00N 74+00E	1	9	25	61	.1	8	3	163	1.35	2	1
66+00N 75+00E	1	20	33	133	.5	22	9	247	3.30	9	1
STD C/AU-S	21	60	40	141	7.3	71	29	1057	3.99	38	51

SAMPLE#	Mo PPM	Cu PPM	Pb PPM	Zn PPM	Ag PPM	Ni PPM	Co PPM	Mn PPM	Fe %	As PPM	Au* PPB
66+00N 76+00E	1	21	30	97	.4	24	8	300	2.84	16	1
66+00N 77+00E	1	25	26	114	.1	34	10	230	3.16	14	1
66+00N 78+00E	1	46	50	124	.5	52	17	597	4.56	26	3
66+00N 79+00E	1	20	19	105	.1	24	8	285	3.38	14	1
66+00N 80+00E	1	12	17	66	.1	14	6	203	2.32	6	1
66+00N 81+00E	1	6	17	48	.2	9	3	102	2.60	6	1
66+00N 82+00E	1	137	62	155	.9	138	25	1540	4.80	29	1
66+00N 83+00E	1	31	29	100	.1	37	10	314	5.00	18	2
66+00N 84+00E	1	43	61	177	.5	54	17	455	5.09	27	1
66+00N 85+00E	1	43	32	152	.7	34	11	361	4.80	16	1
66+00N 86+00E	1	86	32	199	.4	59	24	355	3.00	18	1
66+00N 87+00E	1	19	16	77	.3	16	7	185	4.33	37	6
66+00N 88+00E	1	45	37	162	.5	41	10	338	4.84	22	4
66+00N 89+00E	1	65	41	156	.1	48	16	447	4.12	31	2
64+00N 70+00E	1	11	28	52	.2	11	3	108	3.64	15	1
64+00N 71+00E	1	47	34	314	.3	42	16	477	5.48	15	1
64+00N 72+00E	1	81	50	289	.1	47	15	581	3.76	19	2
64+00N 73+00E	1	29	27	199	.3	24	7	239	4.01	17	1
64+00N 74+00E	1	55	38	145	.7	39	13	587	3.95	21	1
64+00N 75+00E	1	72	47	156	1.1	53	15	863	4.60	25	1
64+00N 76+00E	1	42	43	123	.9	36	11	505	3.80	21	1
64+00N 78+00E	1	57	67	131	.8	45	14	701	4.07	18	1
64+00N 79+00E	1	50	65	133	1.0	42	15	614	4.28	22	1
64+00N 80+00E	1	56	78	136	.9	47	16	875	4.30	23	33
64+00N 81+00E	1	34	55	117	.4	40	13	2142	3.57	12	1
64+00N 82+00E	1	19	20	77	.2	22	6	314	3.07	10	1
64+00N 83+00E	1	22	27	175	.3	33	11	397	4.99	10	3
64+00N 84+00E	1	21	29	113	.2	25	9	228	4.47	16	1
64+00N 85+00E	1	28	23	156	.4	33	11	236	4.25	12	1
64+00N 86+00E	1	18	28	80	.2	20	6	174	5.19	12	1
64+00N 87+00E	1	26	20	109	.8	23	11	402	4.04	11	1
64+00N 89+00E	1	22	29	84	.1	17	7	237	8.55	14	1
64+00N 90+00E	2	28	25	109	.1	27	10	471	7.74	19	1
62+00N 70+00E	1	61	11	31	.1	8	4	99	3.62	30	1
62+00N 71+00E	1	12	31	129	.4	15	6	277	4.37	14	1
62+00N 72+00E	1	16	18	86	.1	19	5	163	2.41	10	1
STD C/AU-S	22	61	44	141	7.0	74	30	1061	4.01	41	49

SAMPLE#	Mo PPM	Cu PPM	Pb PPM	Zn PPM	Ag PPM	Ni PPM	Co PPM	Mn PPM	Fe %	As PPM	Au* PPB
62+00N 73+00E	1	42	75	262	.8	28	10	527	4.67	22	4
62+00N 74+00E	1	48	42	138	.2	29	11	341	4.27	17	1
62+00N 75+00E	1	59	51	128	.3	45	18	481	4.12	21	2
62+00N 76+00E	1	56	56	115	.3	37	16	442	4.06	41	6
62+00N 77+00E	1	40	40	107	.5	28	11	396	3.16	13	1
62+00N 78+00E	1	69	98	130	1.2	44	16	794	4.06	26	2
62+00N 79+00E	1	20	36	151	.2	22	8	213	4.22	12	1
62+00N 80+00E	1	25	33	143	.2	28	10	278	4.16	10	2
62+00N 81+00E	1	22	33	172	.2	26	10	395	5.49	14	1
62+00N 82+00E	1	21	31	1	.3	23	10	246	3.90	11	3
62+00N 83+00E	1	14	25	72	.1	14	5	217	3.12	9	1
62+00N 84+00E	1	18	31	125	.5	24	9	269	4.21	10	1
62+00N 85+00E	1	12	25	74	.1	16	6	193	3.81	13	1
62+00N 86+00E	1	8	21	49	.1	10	3	184	2.75	5	2
62+00N 87+00E	2	91	70	568	.5	235	45	624	7.94	22	3
62+00N 88+00E	1	28	31	142	.7	36	14	303	5.13	11	2
62+00N 89+00E	1	27	32	168	.1	36	12	310	5.32	14	6
62+00N 90+00E	1	11	15	41	.2	11	4	100	3.07	7	13
51+00E 61+00N	1	25	43	122	.1	34	8	266	2.60	15	3
51+00E 62+00N	1	16	21	115	.2	35	11	1135	2.21	2	1
51+00E 63+00N	1	15	22	104	.1	25	8	510	2.42	4	1
51+00E 64+00N	1	5	19	86	.2	5	1	84	.65	2	1
51+00E 65+00N	1	12	8	103	.1	12	8	1153	1.63	2	2
51+00E 66+00N	1	12	11	115	.1	18	8	233	2.90	2	1
51+00E 67+00N	1	34	19	72	.1	29	9	233	3.83	7	1
51+00E 68+00N	1	56	45	86	.1	45	15	528	4.00	7	3
51+00E 69+00N	1	44	25	94	.2	44	15	847	3.95	8	3
51+00E 70+00N	2	64	23	151	.3	66	18	326	4.76	16	11
50+00E 70+00N	1	111	58	266	.7	310	29	1306	5.72	65	4
50+00E 69+00N	1	27	11	74	.2	44	11	239	3.46	13	18
50+00E 67+00N	1	62	40	194	.1	50	22	614	4.11	11	2
50+00E 66+00N	1	15	16	91	.1	26	9	357	3.45	4	1
50+00E 65+00N	1	13	10	45	.1	21	8	259	2.58	4	1
50+00E 64+00N	1	6	7	39	.1	11	4	279	2.10	2	1
50+00E 63+00N	1	7	4	18	.1	5	2	60	.89	2	1
50+00E 62+00N	1	30	15	73	.1	32	14	363	4.12	2	1
50+00E 61+00N	1	16	34	69	.1	29	7	207	2.47	5	1
STD C/AU-S	22	59	41	139	7.2	70	29	1040	3.98	41	50

SAMPLE#	Mo PPM	Cu PPM	Pb PPM	Zn PPM	Ag PPM	Ni PPM	Co PPM	Mn PPM	Fe %	As PPM	Au# PPB
51+90E 65+00N	1	12	16	169	.1	22	9	303	2.94	11	5
52+00E 70+00N	1	12	16	92	.1	23	8	443	2.38	13	3
52+00E 69+00N	1	5	30	41	.1	13	2	117	.85	5	9
52+00E 68+00N	1	5	8	44	.3	12	4	647	1.04	3	5
52+00E 67+00N	1	9	8	54	.1	13	4	154	1.59	3	5
52+00E 66+00N	1	9	7	76	.1	20	9	1266	3.06	9	4

APPENDIX C

PROJECT 114 C1, C3, CONCH CLAIMS
CORRECTED COORDINATE SORT

ID NO	EASTING	NORTHING	SILT?	Cu	Ni	Co	Pb	Zn	Ag	Mn	As	Au	Mo	Fe
3	10600	7800		23	23	6	19	84	0.6	184	19	4	1	2.84
4	10700	7800		17	23	6	25	82	0.2	132	13	1	1	3.14
5	11100	7800		17	21	6	20	60	0.2	145	5	1	1	3.83
6	11200	7800		5	3	1	8	9	0.2	31	4	1	1	1.74
7	11300	7800		9	10	4	22	46	0.2	107	7	1	1	4.13
8	11400	7800		14	10	4	24	39	0.5	92	11	2	1	5.73
9	11500	7800		30	26	10	20	77	0.3	262	14	1	1	5.95
10	11600	7800		9	18	7	23	101	0.1	528	10	1	1	5.02
11	11700	7800		13	15	7	38	112	0.6	203	11	1	1	3.31
12	11800	7800		16	15	9	24	71	0.8	836	7	2	1	3.18
13	11900	7800		24	29	11	11	58	0.5	243	3	2	1	4.62
14	11920	7800	S	38	48	17	19	124	0.3	634	3	2	1	4.36
15	12000	7800		33	17	6	17	54	0.1	361	6	1	1	4.15
16	12100	7800		40	15	8	21	78	0.1	450	9	1	2	9.58
17	12200	7800		13	8	3	7	30	0.1	182	4	1	1	2.13
18	12300	7800		48	37	13	12	69	0.1	248	5	1	1	4.6
19	12500	7800		36	31	12	27	88	0.8	293	19	5	1	7.47
20	12600	7800		18	24	10	22	89	0.1	220	7	1	1	6.44
1	12660	7800	S	25	35	16	11	92	0.1	620	6	1	1	4.8
21	12700	7800		32	37	19	18	140	0.2	279	2	1	1	6
2	12775	7800	S	45	46	18	19	82	0.2	374	7	2	1	5.42
22	12800	7800		11	12	6	12	60	0.2	139	2	1	1	3.35
23	12900	7800		13	13	8	19	50	0.2	391	5	1	1	3.69
24	10700	7600		25	20	14	12	94	0.2	690	28	1	1	3.83
25	10800	7600		69	57	26	115	272	0.3	1010	44	3	1	5.11
26	10900	7600		5	10	4	21	65	0.7	152	8	1	1	2.55
27	11000	7600		14	18	6	35	67	0.4	146	6	1	1	4.53
28	11100	7600		28	23	9	19	98	0.2	242	9	1	1	4.78
29	11200	7600		12	10	4	21	46	0.1	145	6	1	1	3.61
30	11300	7600		55	27	20	51	114	1.8	3108	19	1	2	4.7
31	11600	7600		24	25	17	36	135	0.9	854	36	1	1	4.35
32	11700	7600		16	16	6	22	59	0.2	144	18	1	1	5.37
33	11850	7600	S	44	52	20	23	130	0.3	659	6	1	1	4.8
34	12000	7600		34	14	6	22	35	0.3	280	3	1	2	5.57
35	12100	7600		50	21	7	34	83	0.1	151	24	3	5	10.73
36	12180	7600	S	57	48	14	41	90	0.5	905	15	5	1	4.3
37	12200	7600		161	73	32	46	108	1.1	6372	8	1	3	4.9
38	12300	7600		21	23	11	15	116	0.2	526	2	1	1	5.32
39	12400	7600		31	17	6	15	62	0.2	168	6	1	1	6.63
40	12500	7600		47	19	9	25	72	0.1	199	12	1	2	12.42
41	12600	7600		20	23	19	21	129	0.3	495	6	1	3	10.9
42	12700	7600		21	24	12	18	84	0.1	644	2	1	1	6.9
43	12800	7600		39	46	15	24	108	0.1	375	4	1	1	6.55
44	12900	7600		22	21	9	24	78	0.4	254	3	1	1	7.78
45	10600	7350		104	80	27	110	242	2.9	5460	48	2	4	7.79
46	10700	7350		16	21	8	29	76	0.1	313	10	1	1	3.04
47	10800	7350		4	6	2	11	24	0.3	79	3	2	1	1.27
48	10900	7350		3	3	2	10	18	0.1	102	2	1	1	0.67
49	11000	7350		2	4	2	8	22	0.3	128	2	1	1	1.04
50	11100	7350		9	14	5	20	58	0.1	144	10	2	1	3.06

ID NO	EASTING	NORTHING	SILT?	Cu	Ni	Co	Pb	Zn	Ag	Mn	As	Au	Mo	Fe
51	11200	7350		4	7	3	17	34	0.1	107	4	1	1	2.27
52	11400	7350		5	5	2	8	24	0.1	106	3	2	1	1.08
53	11500	7350		3	5	2	7	33	0.1	65	7	4	1	1.73
54	11600	7350		22	21	6	18	62	0.2	125	16	1	1	5.34
55	11700	7350		20	34	10	30	67	0.3	464	19	1	1	2.99
56	11795	7350	S	51	50	19	22	126	0.4	619	2	1	1	4.54
57	11800	7350		20	14	10	17	64	0.2	621	6	2	1	2.82
58	12000	7350		20	13	4	7	39	0.1	104	3	1	1	2.11
59	12200	7350		27	12	3	7	31	0.1	72	4	1	1	1.99
60	12300	7400		19	15	6	7	44	0.1	169	3	1	1	4.45
61	12400	7400		9	10	4	6	35	0.1	147	2	1	1	2.38
62	12500	7400		30	13	5	13	54	0.3	158	3	1	1	6.27
63	10500	7200		12	5	1	6	12	0.9	45	2	1	1	0.37
64	10600	7200		7	12	4	11	44	0.2	144	2	2	1	1.31
65	10700	7200		1	1	1	4	7	0.2	129	2	1	1	0.12
66	10800	7200		14	37	14	29	92	0.6	211	5	9	1	5.58
67	10900	7200		8	8	3	21	39	0.2	148	9	1	1	3.73
68	11000	7200		7	10	4	16	48	0.6	109	9	1	1	4.08
69	11100	7200		21	21	12	32	89	1.2	465	6	1	1	3.11
70	11200	7200		16	17	10	32	78	0.1	333	7	1	1	2.81
71	11300	7200		4	5	1	5	18	0.2	34	2	1	1	0.57
72	11500	7200		3	3	1	3	15	0.3	51	2	1	1	0.83
73	11700	7200		14	13	5	15	61	0.1	144	27	1	1	5.88
74	11795	7200	S	49	50	18	22	130	0.7	632	3	1	2	4.72
75	11800	7200		36	24	7	12	84	0.4	153	4	1	1	2.32
76	11900	7200		22	16	6	25	102	0.4	149	11	1	1	4.58
77	12100	7200		13	12	5	7	41	0.6	130	3	1	1	4.61
78	12200	7200		11	13	5	7	49	0.1	222	7	2	1	4.07
79	12300	7200		27	18	7	10	44	0.1	141	11	1	1	7.21
80	12400	7200		17	17	8	12	69	0.1	224	6	1	1	7.05
81	12500	7200		16	15	6	16	48	0.1	192	17	1	1	6.18
174	5000	7000		111	310	29	58	266	0.7	1306	65	4	1	5.72
173	5100	7000		64	66	18	23	151	0.3	326	16	11	2	4.76
184	5200	7000		12	23	9	16	92	0.1	443	13	3	1	2.38
175	5000	6900		27	44	11	11	74	0.2	239	13	18	1	3.46
172	5100	6900		44	44	15	25	94	0.2	847	8	3	1	3.95
185	5200	6900		5	13	2	30	41	0.1	117	5	9	1	0.85
171	5100	6800		56	45	15	45	96	0.1	528	7	3	1	4
186	5200	6800		5	12	4	8	44	0.3	647	3	5	1	1.04
82	7000	6800		24	29	10	20	105	0.1	321	11	3	1	3.21
83	7100	6800		37	30	10	44	118	0.1	491	17	2	1	3.32
84	7200	6800		16	15	5	28	94	0.4	143	10	2	1	2.77
85	7300	6800		61	31	9	25	260	0.2	262	17	2	1	4.79
86	7400	6800		49	41	14	41	148	0.3	512	20	1	1	4.28
87	7500	6800		26	33	11	23	152	0.3	317	15	11	1	4.07
88	7600	6800		23	29	11	24	130	0.3	317	13	3	1	3.13
89	7700	6800		50	42	12	36	129	0.2	458	22	2	1	3.61
90	7800	6800		36	37	13	33	167	0.5	421	16	6	1	3.69
91	7900	6800		43	39	14	43	184	0.2	433	25	1	1	4.52
92	8000	6800		42	30	9	32	109	0.5	301	18	1	1	3.3
93	8100	6800		105	68	17	54	130	0.5	532	18	2	1	5.07
94	8200	6800		47	40	16	34	116	0.3	566	12	1	1	4.13

ID NO	EASTING	NORTHING	SILT?	Cu	Ni	Co	Pb	Zn	Ag	Mn	As	Au	Mo	Fe
95	8300	6800		54	55	25	78	193	0.3	880	37	5	1	4.95
96	8400	6800		30	32	9	28	134	0.2	327	12	1	1	4.09
97	8500	6800		42	33	10	34	165	0.2	296	19	1	1	3.74
98	8600	6800		53	50	20	47	230	0.8	406	33	1	1	6.67
99	8700	6800		73	51	26	57	159	0.3	622	35	1	1	5.93
100	8770	6800	S	40	48	23	37	163	0.3	2127	31	20	1	4.46
101	8800	6800		21	19	6	30	94	0.6	162	26	1	1	2.53
102	8900	6800		48	32	13	40	131	0.3	497	27	1	1	3.59
176	5000	6700		62	50	22	40	194	0.1	614	11	2	1	4.11
170	5100	6700		34	29	9	19	72	0.1	233	7	1	1	3.83
187	5200	6700		9	13	4	8	54	0.1	154	3	5	1	1.59
177	5000	6600		15	26	9	16	91	0.1	357	4	1	1	3.45
169	5100	6600		12	18	8	11	115	0.1	233	2	1	1	2.9
188	5200	6600		9	20	9	7	76	0.1	1266	9	4	1	3.06
103	7000	6600		49	39	16	57	153	0.4	351	36	1	1	4.58
104	7100	6600		62	47	19	64	393	0.5	742	23	1	1	4.97
105	7200	6600		78	43	13	45	131	0.8	716	19	1	1	3.19
106	7300	6600		31	29	9	50	152	0.4	338	18	1	1	3.13
107	7400	6600		9	8	3	25	61	0.1	163	2	1	1	1.35
108	7500	6600		20	22	9	33	133	0.5	247	9	1	1	3.3
109	7600	6600		21	24	8	30	97	0.4	300	16	1	1	2.84
110	7700	6600		25	34	10	26	114	0.1	230	14	1	1	3.16
111	7800	6600		46	52	17	50	124	0.5	397	26	3	1	4.56
112	7900	6600		20	24	9	19	105	0.1	285	14	1	1	3.38
113	8000	6600		12	14	6	17	66	0.1	203	6	1	1	2.32
114	8100	6600		6	9	3	17	48	0.2	102	6	1	1	2.6
115	8200	6600		137	138	25	62	155	0.9	1540	29	1	1	4.8
116	8300	6600		31	37	10	29	100	0.1	314	18	2	1	5
117	8400	6600		43	54	17	61	177	0.5	455	27	1	1	5.09
118	8500	6600		43	34	11	32	152	0.7	361	16	1	1	4.3
119	8600	6600		36	59	24	32	199	0.4	355	18	1	1	3
120	8700	6600		19	16	7	16	77	0.3	185	37	6	1	4.33
121	8800	6600		45	41	10	37	162	0.5	338	22	4	1	4.84
122	8900	6600		65	48	16	41	156	0.1	447	31	2	1	4.12
178	5000	6500		13	21	8	10	45	0.1	259	4	1	1	2.58
168	5100	6500		12	12	9	9	103	0.1	1153	2	2	1	1.63
193	5190	6500		12	22	9	16	169	0.1	303	11	5	1	2.94
179	5000	6400		6	11	4	7	39	0.1	279	2	1	1	2.1
167	5100	6400		5	5	1	19	86	0.2	94	2	1	1	0.65
123	7000	6400		11	11	3	28	52	0.2	108	15	1	1	3.64
124	7100	6400		47	42	16	34	314	0.3	477	15	1	1	5.43
125	7200	6400		81	47	15	50	289	0.1	581	19	2	1	3.76
126	7300	6400		29	24	7	27	199	0.3	239	17	1	1	4.01
127	7400	6400		55	39	13	38	145	0.7	587	21	1	1	3.95
128	7500	6400		72	53	15	47	156	1.1	863	25	1	1	4.6
129	7600	6400		42	36	11	43	123	0.9	505	21	1	1	3.8
130	7700	6400		57	45	14	67	131	0.8	701	18	1	1	4.07
131	7800	6400		50	42	15	65	133	1	614	22	1	1	4.28
133	8000	6400		56	47	16	78	136	0.9	875	23	33	1	4.3
134	8100	6400		34	40	13	55	117	0.4	2142	12	1	1	3.57
135	8200	6400		19	22	6	20	77	0.2	314	10	1	1	3.07
136	8300	6400		22	33	11	27	175	0.3	397	10	3	1	4.99

ID NO	EASTING	NORTHING	SILT?	Cu	Ni	Co	Pb	Zn	Ag	Mn	As	Au	Mo	Fe
137	8400	6400		21	25	9	29	113	0.2	228	16	1	1	4.47
138	8500	6400		29	33	11	23	156	0.4	236	12	1	1	4.25
139	8600	6400		18	20	6	28	80	0.2	174	12	1	1	5.19
140	8700	6400		26	23	11	20	109	0.8	402	11	1	1	4.04
141	8900	6400		22	17	7	29	84	0.1	237	14	1	1	8.55
142	9000	6400		29	27	10	25	109	0.1	471	19	1	2	7.74
180	5000	6300		7	5	2	4	18	0.1	60	2	1	1	0.89
166	5100	6300		15	25	8	22	104	0.1	510	4	1	1	2.42
181	5000	6200		30	32	14	15	73	0.1	363	2	1	1	4.12
165	5100	6200		16	35	11	21	115	0.2	1135	2	1	1	2.21
143	7000	6200		61	8	4	11	31	0.1	99	30	1	1	3.62
144	7100	6200		12	15	6	31	129	0.4	277	14	1	1	4.37
145	7200	6200		16	19	5	18	86	0.1	163	10	1	1	2.41
146	7300	6200		42	29	10	75	252	0.8	527	22	4	1	4.67
147	7400	6200		48	29	11	42	138	0.2	341	17	1	1	4.27
148	7500	6200		59	45	18	51	128	0.3	481	21	2	1	4.12
149	7600	6200		56	37	16	56	115	0.3	442	41	6	1	4.06
150	7700	6200		40	28	11	40	107	0.5	396	13	1	1	3.16
151	7800	6200		69	44	16	98	130	1.2	794	26	2	1	4.06
152	7900	6200		20	22	9	36	151	0.2	213	12	1	1	4.22
153	8000	6200		25	29	10	33	143	0.2	278	10	2	1	4.16
154	8100	6200		22	26	10	33	172	0.2	395	14	1	1	5.49
155	8200	6200		21	23	10	31	1	0.3	246	11	3	1	3.9
156	8300	6200		14	14	5	25	72	0.1	217	9	1	1	3.12
157	8400	6200		18	24	9	31	125	0.5	269	10	1	1	4.21
158	8500	6200		12	16	6	25	74	0.1	193	13	1	1	3.81
159	8600	6200		8	10	3	21	49	0.1	184	5	2	1	2.75
160	8700	6200		91	235	45	70	568	0.5	624	22	3	2	7.94
161	8800	6200		28	36	14	31	142	0.7	303	11	2	1	5.13
162	8900	6200		27	36	12	32	168	0.1	310	14	6	1	5.32
163	9000	6200		11	11	4	15	41	0.2	100	7	13	1	3.07
182	5000	6100		16	29	7	34	69	0.1	207	5	1	1	2.47
164	5100	6100		25	34	8	43	122	0.1	266	15	3	1	2.6

APPENDIX D

P114GC

Variable:Cu PPM

Number of Samples Selected:	187
Number of Missing or Null Values:	0
Minimum:	1.000
Maximum:	161.000
Range:	160.000
Mean:	31.000
Median:	24.000
Variance:	609.733
Standard Deviation:	24.693
Standard Error:	1.806
Coefficient of Variation (%):	79.654
Coefficient of Skewness:	1.889
Coefficient of Kurtosis:	8.366
Log 10 Transformed Mean:	22.702
Log 10 Variance:	3.787
Log 10 Standard Deviation:	1.946

Percentiles

Minimum: 1.000

10 TH Percentile at	7.000
20 TH Percentile at	12.000
30 TH Percentile at	16.000
40 TH Percentile at	20.000
50 TH Percentile at	23.000
60 TH Percentile at	29.000
70 TH Percentile at	39.000
80 TH Percentile at	48.000
90 TH Percentile at	59.000

Maximum: 161.000

P114GC

Variable:Ni PPM

Number of Samples Selected:	187
Number of Missing or Null Values:	0
Minimum:	1.000
Maximum:	310.000
Range:	309.000
Mean:	29.877
Median:	24.000
Variance:	948.717
Standard Deviation:	30.801
Standard Error:	2.252
Coefficient of Variation (%):	103.094
Coefficient of Skewness:	5.841
Coefficient of Kurtosis:	48.086
Log 10 Transformed Mean:	22.575
Log 10 Variance:	3.138
Log 10 Standard Deviation:	1.771

Percentiles

Minimum: 1.000

10 TH Percentile at	9.000
20 TH Percentile at	13.000
30 TH Percentile at	16.000
40 TH Percentile at	21.000
50 TH Percentile at	24.000
60 TH Percentile at	29.000
70 TH Percentile at	34.000
80 TH Percentile at	41.000
90 TH Percentile at	48.000

Maximum: 310.000

P114GC

Variable:Co PPM

Number of Samples Selected:	187
Number of Missing or Null Values:	0
Minimum:	1.000
Maximum:	45.000
Range:	44.000
Mean:	10.262
Median:	9.000
Variance:	43.017
Standard Deviation:	6.559
Standard Error:	0.480
Coefficient of Variation (%):	63.913
Coefficient of Skewness:	1.466
Coefficient of Kurtosis:	6.938
Log 10 Transformed Mean:	8.229
Log 10 Variance:	3.030
Log 10 Standard Deviation:	1.741

Percentiles

Minimum: 1.000

10 TH Percentile at	3.000
20 TH Percentile at	5.000
30 TH Percentile at	6.000
40 TH Percentile at	8.000
50 TH Percentile at	9.000
60 TH Percentile at	10.000
70 TH Percentile at	12.000
80 TH Percentile at	15.000
90 TH Percentile at	18.000

Maximum: 45.000

P114GC

Variable:Pb PPM

Number of Samples Selected:	187
Number of Missing or Null Values:	0
Minimum:	3.000
Maximum:	115.000
Range:	112.000
Mean:	28.316
Median:	24.000
Variance:	349.531
Standard Deviation:	18.696
Standard Error:	1.367
Coefficient of Variation (%):	66.027
Coefficient of Skewness:	1.700
Coefficient of Kurtosis:	7.226
Log 10 Transformed Mean:	23.024
Log 10 Variance:	2.821
Log 10 Standard Deviation:	1.680

Percentiles

Minimum: 3.000

10 TH Percentile at	8.000
20 TH Percentile at	13.000
30 TH Percentile at	18.000
40 TH Percentile at	21.000
50 TH Percentile at	24.000
60 TH Percentile at	28.000
70 TH Percentile at	32.000
80 TH Percentile at	40.000
90 TH Percentile at	51.000

Maximum: 115.000

Variable:Zn PPM

Number of Samples Selected:	187
Number of Missing or Null Values:	0
Minimum:	1.000
Maximum:	568.000
Range:	567.000
Mean:	105.305
Median:	94.000
Variance:	4786.811
Standard Deviation:	69.187
Standard Error:	5.059
Coefficient of Variation (%):	65.701
Coefficient of Skewness:	2.409
Coefficient of Kurtosis:	14.185
Log 10 Transformed Mean:	84.980
Log 10 Variance:	2.876
Log 10 Standard Deviation:	1.696

Percentiles

Minimum: 1.000

10 TH Percentile at	39.000
20 TH Percentile at	50.000
30 TH Percentile at	69.000
40 TH Percentile at	80.000
50 TH Percentile at	92.000
60 TH Percentile at	109.000
70 TH Percentile at	128.000
80 TH Percentile at	142.000
90 TH Percentile at	168.000

Maximum: 568.000

P114GC

Variable:Ag PPM

Number of Samples Selected:	187
Number of Missing or Null Values:	0
Minimum:	0.100
Maximum:	2.900
Range:	2.800
Mean:	0.335
Median:	0.200
Variance:	0.111
Standard Deviation:	0.334
Standard Error:	0.024
Coefficient of Variation (%):	99.485
Coefficient of Skewness:	3.407
Coefficient of Kurtosis:	22.052
Log 10 Transformed Mean:	0.240
Log 10 Variance:	3.784
Log 10 Standard Deviation:	1.945

Percentiles

Minimum: 0.100

10 TH Percentile at	0.100
20 TH Percentile at	0.100
30 TH Percentile at	0.100
40 TH Percentile at	0.200
50 TH Percentile at	0.200
60 TH Percentile at	0.300
70 TH Percentile at	0.400
80 TH Percentile at	0.500
90 TH Percentile at	0.700

Maximum: 2.900

P114GC

Variable:Mn PPM

Number of Samples Selected:	187
Number of Missing or Null Values:	0
Minimum:	31.000
Maximum:	6372.000
Range:	6341.000
Mean:	454.037
Median:	300.000
Variance:	464129.875
Standard Deviation:	681.271
Standard Error:	49.819
Coefficient of Variation (%):	150.047
Coefficient of Skewness:	6.129
Coefficient of Kurtosis:	47.763
Log 10 Transformed Mean:	301.164
Log 10 Variance:	3.573
Log 10 Standard Deviation:	1.890

Percentiles

Minimum: 31.000

10 TH Percentile at	107.000
20 TH Percentile at	147.000
30 TH Percentile at	193.000
40 TH Percentile at	239.000
50 TH Percentile at	296.000
60 TH Percentile at	355.000
70 TH Percentile at	450.000
80 TH Percentile at	587.000
90 TH Percentile at	742.000

Maximum: 6372.000

Variable:As PPM

Number of Samples Selected:	187
Number of Missing or Null Values:	0
Minimum:	2.000
Maximum:	65.000
Range:	63.000
Mean:	12.882
Median:	11.000
Variance:	103.869
Standard Deviation:	10.192
Standard Error:	0.745
Coefficient of Variation (%):	79.113
Coefficient of Skewness:	1.559
Coefficient of Kurtosis:	6.658
Log 10 Transformed Mean:	9.275
Log 10 Variance:	4.219
Log 10 Standard Deviation:	2.054

Percentiles

Minimum: 2.000

10 TH Percentile at	2.000
20 TH Percentile at	4.000
30 TH Percentile at	6.000
40 TH Percentile at	8.000
50 TH Percentile at	11.000
60 TH Percentile at	13.000
70 TH Percentile at	16.000
80 TH Percentile at	19.000
90 TH Percentile at	26.000

Maximum: 65.000

P114GC

Variable:Au PPB

Number of Samples Selected:	187
Number of Missing or Null Values:	0
Minimum:	1.000
Maximum:	33.000
Range:	32.000
Mean:	2.225
Median:	1.000
Variance:	11.714
Standard Deviation:	3.423
Standard Error:	0.250
Coefficient of Variation (%):	153.853
Coefficient of Skewness:	5.611
Coefficient of Kurtosis:	42.472
Log 10 Transformed Mean:	1.519
Log 10 Variance:	3.031
Log 10 Standard Deviation:	1.741

Percentiles

Minimum: 1.000

10 TH Percentile at	1.000
20 TH Percentile at	1.000
30 TH Percentile at	1.000
40 TH Percentile at	1.000
50 TH Percentile at	1.000
60 TH Percentile at	1.000
70 TH Percentile at	2.000
80 TH Percentile at	2.000
90 TH Percentile at	4.000

Maximum: 33.000

P114GC

Variable:Mo PPM

Number of Samples Selected:	187
Number of Missing or Null Values:	0
Minimum:	1.000
Maximum:	5.000
Range:	4.000
Mean:	1.102
Median:	1.000
Variance:	0.209
Standard Deviation:	0.457
Standard Error:	0.033
Coefficient of Variation (%):	41.493
Coefficient of Skewness:	5.762
Coefficient of Kurtosis:	40.764
Log 10 Transformed Mean:	1.059
Log 10 Variance:	1.240
Log 10 Standard Deviation:	1.113

Percentiles

Minimum: 1.000

10 TH Percentile at	1.000
20 TH Percentile at	1.000
30 TH Percentile at	1.000
40 TH Percentile at	1.000
50 TH Percentile at	1.000
60 TH Percentile at	1.000
70 TH Percentile at	1.000
80 TH Percentile at	1.000
90 TH Percentile at	1.000

Maximum: 5.000

P114GC

Variable:Fe %

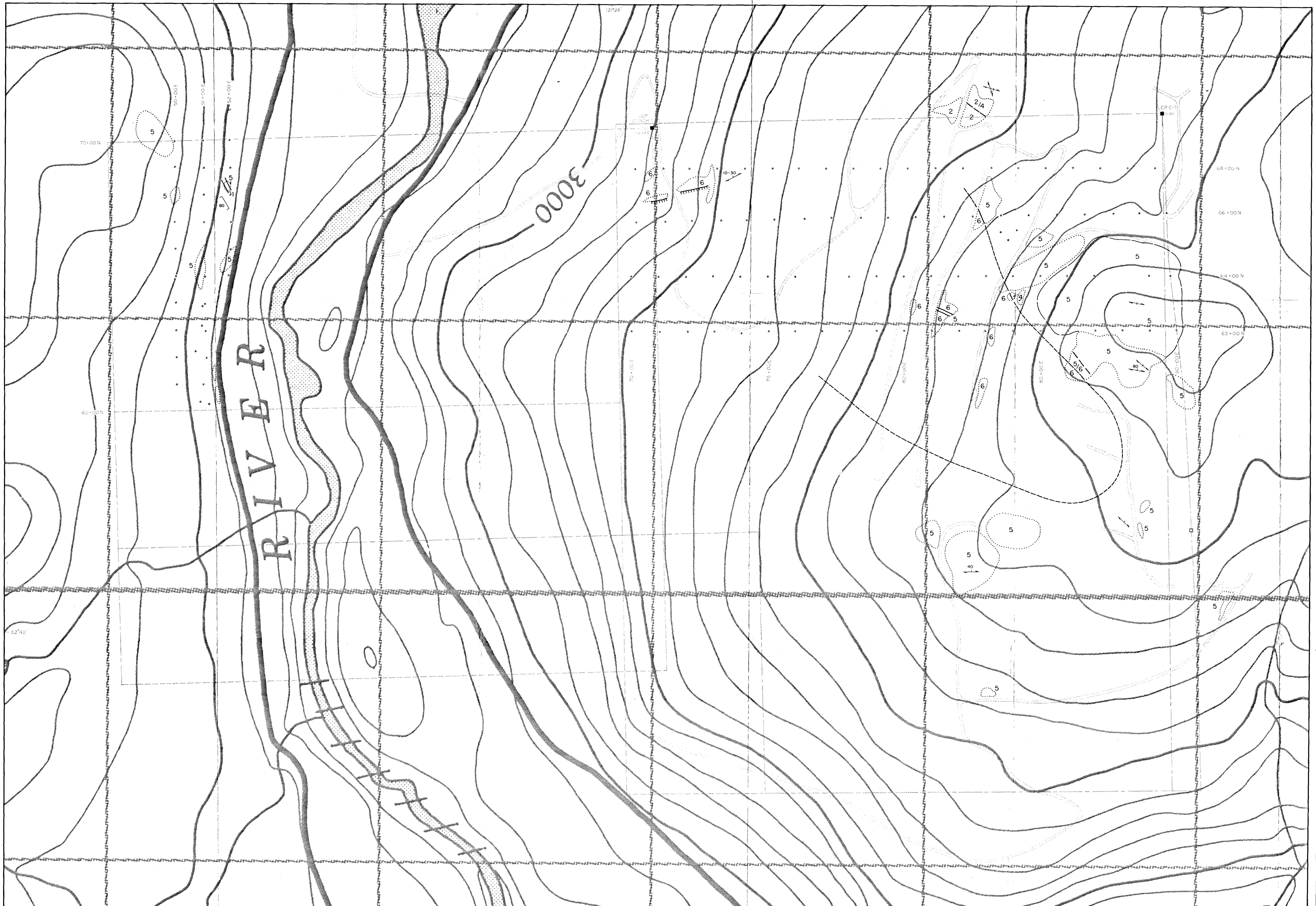
Number of Samples Selected:	187
Number of Missing or Null Values:	0
Minimum:	0.120
Maximum:	12.420
Range:	12.300
Mean:	4.076
Median:	4.070
Variance:	3.466
Standard Deviation:	1.862
Standard Error:	0.136
Coefficient of Variation (%):	45.678
Coefficient of Skewness:	1.058
Coefficient of Kurtosis:	6.081
Log 10 Transformed Mean:	3.580
Log 10 Variance:	2.197
Log 10 Standard Deviation:	1.482

Percentiles

Minimum: 0.120

10 TH Percentile at	1.810
20 TH Percentile at	2.750
30 TH Percentile at	3.140
40 TH Percentile at	3.620
50 TH Percentile at	4.060
60 TH Percentile at	4.280
70 TH Percentile at	4.610
80 TH Percentile at	5.070
90 TH Percentile at	6.000

Maximum: 12.420



LEGEND

(based on G.S.C. O.F.920,by L.C. Struik)

Pleistocene and Recent

Glacial deposits: mainly sandy and pebbly tills

Devonian ?

PQLg Quesnel Lake Gneiss
quartzmonzonitic orthogneiss

6 Augen Gneiss
white to grey-green weathering, leucocratic feldspar-quartz augen gneiss

HADRYNIAN? and PALEOZOIC?

PH? "Harvey Creek succession"

5 Chloritic Calc-Silicate Schist
medium grey-green chloritic calc-silicate schist

4 Calc-Silicate Schist
iron stained to buff weathering, light grey calc-silicate schist; hematitc sericite schist

3 Manganiferous Schist
black, well foliated, medium to fine grained schist

2 Spotted Chloritic Schist / Gneiss
medium grey-green and white mottled schist and gneiss

1 Chert
dark brown weathering, beige coloured pyritic metamorphosed chert or quartzite

SYMBOLS

- Soil, Silt sample site
- Limit of outcrop
- Small outcrop
- Limit of sub-outcrop
- Geological Boundary: defined, inferred, assumed
- Foliation, Joints: inclined, vertical
- LCP, ID Post
- Gravel Road
- Trench or break in slope

GEOLOGICAL BRANCH ASSESSMENT REPORT

15,804

Scale 100 0 100 200 300 400 metres

MAPPING BY	CASAMIRO RESOURCE CORP.			
L.Lindinger, 1986	C1, CONCH 1 CLAIM GROUP GEOLOGY NORTHWEST GEOLOGICAL CONSULTING LTD.			
	SCALE	DATE	NTS Nº	DWG Nº
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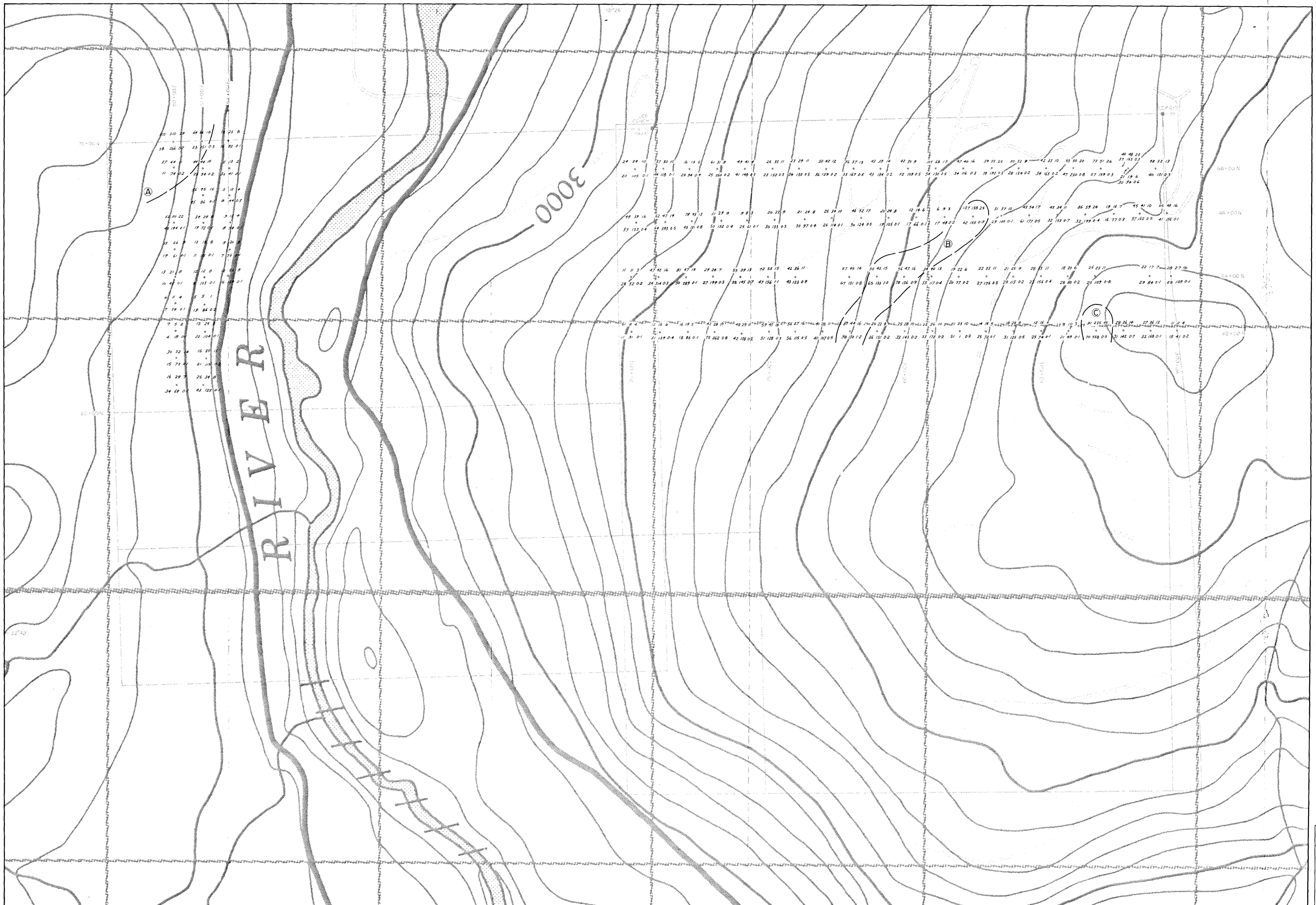

LEGEND

● x Soil, silt sample location

Cu Ni Co / ● / Pb Zn Ag Soil geochemistry in ppm

Ⓐ Geochemical anomaly

GEOLOGICAL BRANCH ASSESSMENT REPORT

15,804

Scale 100 0 100 200 300 400 metres

MAPPING BY	CASAMIRO RESOURCE CORP.			
L. Lindinger, 1986	C1, CONCH 1 CLAIM GROUP GEOCHEMISTRY Cu, Ni, Co, Pb, Zn, Ag NORTHWEST GEOLOGICAL CONSULTING LTD.			
SCALE	DATE		NTS №	DWG №
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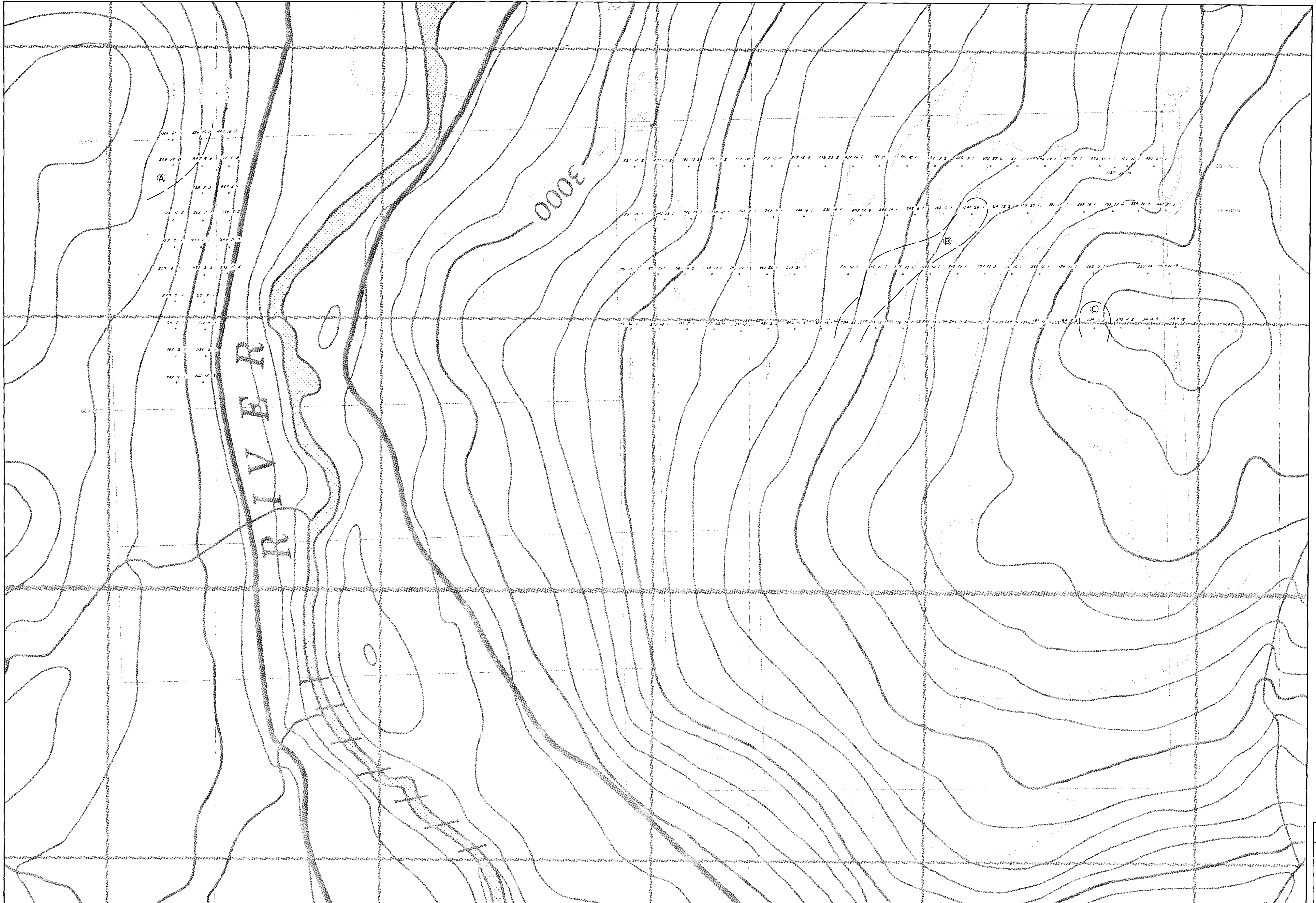

LEGEND

● x Soil, silt sample location

Mn As Au ● Soil geochemistry in ppm (Au in ppb)

Ⓐ Geochemical anomaly

GEOLOGICAL BRANCH ASSESSMENT REPORT

15,804

Scale 100 0 100 200 300 400 metres

MAPPING BY	CASAMIRO RESOURCE CORP.			
L. Lindinger, 1986	C1, CONCH 1 CLAIM GROUP GEOCHEMISTRY Mn, As, Au NORTHWEST GEOLOGICAL CONSULTING LTD.			
	SCALE	DATE	NTS Nº	DWG Nº
	1:5000	Dec. 1986	93A/11	17