ARIS SUMMARY SHEET

District Geologist, Victoria   Off Confidential: 89.05.17

ASSESSMENT REPORT 17621   MINING DIVISION: New Westminster

PROPERTY: Pierce Mountain
LOCATION: LAT 49 03 41 LONG 121 36 36
UTM 10 5434991 601544
NTS 092H04E
CLAIM(S): Chuck 1-5,PL 1-2,Mint 1,Chuck Fr.
OPERATOR(S): Pierce Mountain Res.
AUTHOR(S): George, J.W.;Christopher, P.A.
REPORT YEAR: 1988, 53 Pages
COMMODITIES
SEARCHED FOR: Gold
GEOLOGICAL
SUMMARY: The claims are underlain by an imbricated sequence of metamorphosed Precambrian to Mesozoic sedimentary and volcanic rocks that have been intruded by ultramafic rocks and granitic rocks of the Tertiary Chilliwack Batholith. Mineralization on the property consists of a northeast trending vein zone.
WORK
DONE: Geophysical,Geochemical
EMGR 13.0 km;VLF
Map(s) - 2; Scale(s) - 1:2500
LINE 15.0 km
MAGG 13.0 km
ROCK 7 sample(s) ;ME
SILT 76 sample(s) ;AU
SOIL 548 sample(s) ;CU,AS,AU
MINFILE: 092HSW063

LOG NO: 0126 RD. 3
ACTION: Date received report back from amendments.
FILE NO:

LOG NO: 0726 RD.
ACTION:
FILE NO:

ASSESSMENT GEOCHEMICAL GEOPHYSICAL REPORT ON THE PIERCE MOUNTAIN PROPERTY NEW WESTIMINSTER MINING DIVISION, SLEESE CREEK AREA, BRITISH COLUMBIA

LOCATION:

N.T.S.: 92H - 4E
LATITUDE: 49 04'N.
LONGITUDE: 121 37'W.

CLAIMS:

CHUCK 1 TO CHUCK 5, CHUCK FR., MINT 1, PL 1, PL 2

REPORT FOR:

PIERCE MOUNTAIN RESOURCES LTD.
SUITE 2660 - 650 WEST GEORGIA ST.
VANCOUVER, B.C.
V6B 4N8

PREPARED BY:

JONATHAN W. GEORGE, GEOLOGIST
PETER A. CHRISTOPHER, PHD., P. ENG.
E. ROCKEL, GEOPHYSICIST

MAY 13, 1988

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JUL 20 1988
M.R. # .... $ ....
VANCOUVER, B.C.

GEOLOGICAL BRANCH ASSESSMENT REPORT

17,621

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SUMMARY

The Pierce Mountain Property, consisting of seven metric claims totaling 81 units, 1-2 post claim and 1 fractional claim, covers about 2000 hectares in the Cascade Mountains and New Westminster Mining Division. The property is located about 26 kilometers southeast of Chilliwack and 23 kilometers south-southeast of a helicopter base at Agassiz which allows easy same day examination from Vancouver. Logging roads can be used to access lower areas of the property but the main showings and higher elevations presently require helicopter access.

The property is underlain by an imbricated sequence of metamorphosed Precambrian to Mesozoic sedimentary and volcanic rocks that have been intruded by ultramafic rocks and granitic rocks of the Tertiary Chilliwack Batholith. Mineralization on the property consists of a northeast trending vein zone that occurs near the contact of the Precambrian Yellow Aster Complex and a fault bounded serpentinized ultramafic body.

The writer collected three chip samples and a grab sample which generally support previous high grade values obtained from the 'Adit Vein' zone. A 10 inch chip sample (C3) from the adit vein zone assayed 2.720 oz Au/ton and a 10 inch channel sample (C4) from the adit zone assayed 1.720 oz Au/ton. An 8 inch chip sample from a poorly exposed vein in the trench zone assayed 0.016 oz Au/ton Trenching and drilling to test along strike and dip of the mineralized zone is recommended.

The writer has outlined a success contingent, staged exploration program for further evaluation of the Pierce Mountain Property. A Stage I program of detailed geological mapping, geochemical follow-up, trenching and 1,000 feet (300 meters) of diamond drilling is recommended at an estimated cost of $ 100,000. Contingent Stage II an Stage III, mainly drilling programs are estimated to cost $ 170,000 and $ 200,000, respectively.

INTRODUCTION

The Pierce Mountain Property covers about 2,000 hectares in the New Westminster Mining Division and Cascade Mountains of southwestern British Columbia. The property was acquired by Pierce Mountain Resources Ltd. in April 1987 to evaluate the economic potential of an auriferous vein zone between Pierce Mountain and Mount MacFarlane. The writer was retained by the management of Pierce Mountain Resources Ltd. to confirm the property location, evaluate the geological setting and recommend a program for further exploration of the property, if warranted.

The writer examined and sampled the Pierce Mountain Property on July 24, 1987 with Mr. Jonathan George. This report outlines a success contingent, staged exploration program for further evaluation of the precious metal potential of the Pierce Mountain Property.

LOCATION AND ACCESS (Figures 1)

The Pierce Mountain Property is situated in the headwater area of Pierce Creek between Slesse and Nesakwatch (Smith) Creeks and between the Chilliwack River and the United States border. The property is in the Cascade Mountains of southwestern British Columbia. Mount MacFarlane, Pierce Mountain and part of Grossover Peak are covered by the claim block. The property is 26 kilometers southeast of Chilliwack and 23 kilometers south-southeast of Agassiz, British Columbia.

Access from Vancouver is via Highway 1 to the Sardis-Cultus Lake exit and then southeast along the Chilliwack Lake Road for about 28 kilometers to the base of Pierce Mountain where the Chilliwack River crosses the road. Logging roads off the Chilliwack Lake road access lower elevations with helicopter support generally the most practical method of working higher elevations.

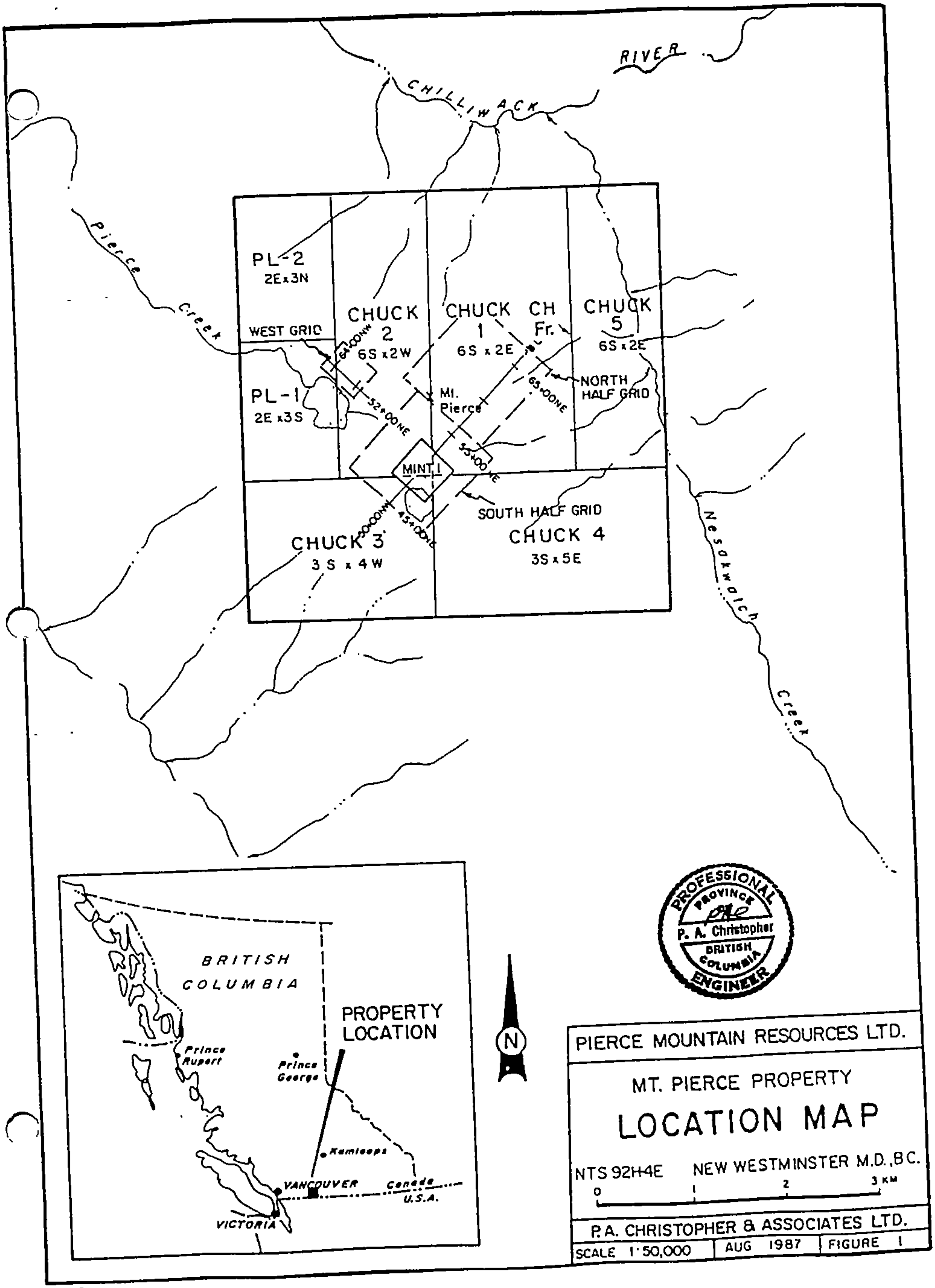
TOPOGRAPHY AND VEGETATION

The Pierce Mountain Property covers part of the Skagit Range subdivision of the Cascade Mountain of southwestern British Columbia. The property has strong relief with elevation ranging from about 450 meter in the Nesakwatch (Smith) Creek valley to about 2100 meters on Mount MacFarlane. The property has moderate relief at lower elevation but strong relief and cliff areas at higher elevations.

A typical coast rain forest of spruce, hemlock, cedar and fir covers lower elevations with timber line at about 1750 meters. Logging operations are presently active with logging roads presently being extended toward the main mineralized zone on the property.

PROPERTY DEFINITION (Figure 2)

The Pierce Mountain Property, consisting of one two post claim, one fractional claim and seven metric claims totaling 83 claim units, covers about 2,000 hectares in the New Westminster Mining Division of British Columbia. The Mint 1, Chuck 1 and Chuck 2 claims are held under option from Gerald Yakimishyn. The Chuck 3 through Chuck 5,



CHILLIWACK RIVER
Pierce Creek
Nesakwatch Creek
PL-2
2E x 3N
PL-1
2E x 3S
WEST GRID
CHUCK 2
6S x 2W
CHUCK 1
6S x 2E
CH Fr.
CHUCK 5
6S x 2E
NORTH HALF GRID
Mt. Pierce
MINT 1
SOUTH HALF GRID
CHUCK 3
3 S x 4 W
CHUCK 4
3S x 5E
64+00NW
52+00NE
65+00NE
55+00NE
50+00NW
45+00NE
BRITISH COLUMBIA
PROPERTY LOCATION
Prince Rupert
Prince George
Kamloops
VANCOUVER
VICTORIA
Canada
U.S.A.
N
PROFESSIONAL ENGINEER
PROVINCE BRITISH COLUMBIA
P. A. Christopher
PIERCE MOUNTAIN RESOURCES LTD.
MT. PIERCE PROPERTY
LOCATION MAP
NTS 92H4E
NEW WESTMINSTER M.D., B.C.
0
1
2
3 KM
P.A. CHRISTOPHER & ASSOCIATES LTD.
SCALE 1:50,000
AUG 1987
FIGURE 1

Chuck Fr. and PL 1 and PL 2 claims were staked for Pierce Mountain Resources Ltd. in 1987.

The writer examined claim posts which confirmed the location of the Chuck 1 through Chuck 4 claims but no markers appear to remain for the Mint 1 claim which is overstaked by Chuck claims. The location of claims that comprise the Pierce Mountain Property are shown on Figure 1 with pertinent claim data summarized in Table 1.

Table 1. Pertinent Claim Data For Pierce Mountain Property.

Name	Units/Shape	Record #	Expiry Date*	Owner
Chuck 1	18/6Sx3E	2124	June 17/88	G. Yakimishyn
Chuck 2	12/6Sx2W	2125	June 17/88	"
Mint 1	2 post	434	March 29/95	"
Chuck 3	12/3Sx4W	3161	May 20/88	Pierce Mountain Res.
Chuck 4	15/3Sx5E	3162	May 20/88	"
Chuck 5	12/6Sx2E	3163	May 20/88	"
PL 1	6/3Sx2E	3164	May 20/88	"
PL 2	6/3Nx2E	3165	May 20/88	"
Chuck Fr.		3166	May 20/88	"

* After Acceptance of 1987 Work Program.

HISTORY

Exploration in the area of the Pierce Mountain Property appears to date from 1898 when the Lone Jack gold property on Red Mountain was staked near the U.S.-Canada border (Grant, 1987). The Red Mountain Mine has reported production between 1914 and 1946 of 46,000 ounces of gold from 80,000 tons of ore. Production from the Red Mountain Mine was mainly from a NNE striking quartz vein.

The first published reference to the Pierce Mountain Property was by Daly in the report for the Canadian Geological Survey for 1901. He refers to a gold property being exploited by Mr. G.O. Pierce at an elevation of 5,000 feet. In Daly's report for 1901 he credits the Pierce Mountain Property as being the producer of free-milling gold ore valued at $40 to the ton. In the 1915 report of the Minister of Mines, Brewer describes several open-cuts and a 90 foot shaft that was water filled. The 1933 Report of the Minister of Mine describes prospecting activity on Pierce Mountain but no development is reported. The 1972 geology, exploration and mining report describes the property as the Mountain Goat, consisting of the Mountain Goat 1 to 24 owned by Bart Mines Ltd. of Vancouver. A program consisting of 4 line-miles of magnetics, 250 soil samples and about 1,000 feet of trenching was completed.

Pierce Mountain Resources Ltd. acquired the Chuck 1, Chuck 2 and Mint 1 claims from prospector Gerald Yakimishyn and consolidated the area by staking an additional 51 contiguous metric units and the Chuck fractional claim. A program of including 12.6 line kilometers of VLF-EM and magnetics, grid construction, 548 soil samples, 76 silt samples and rock sampling and mapping of showings was undertaken between March and August of 1987.

The writer examined the Pierce Mountain Property with Mr. Jonathan George on July 24, 1987 to confirm claim locations, sample showings and evaluate the geological setting.

1987 WORK PROGRAM

The 1987 work program consisted of grid construction with about 15 kilometers of flagged or cut lines. Stations were at 25 meter intervals with a 50 meter line spacing. A total of 12 streams were sampled with 76 sample sites and gold results shown on Figure 7. A total of 548 soil samples were collected and analyzed for Cu, As and Au with sample locations and anomalous results shown on Figures 4a, 4b, 4c. About 13 kilometers of magnetics and VLF-Em were completed with results interpreted by E.R. Rockel (1987) of Interpretex Resources Ltd. and the results summarized on Figures 3a, 3b, 3c and 4a, 4b, 4c.

Rock samples were collected from the main vein zone by geologist Jonathan George and prospector/owner Gerald Yakimishyn. Four rock samples were collected by the writer to substantiate previous high grade sample results.

GEOLOGY (Figure 2)

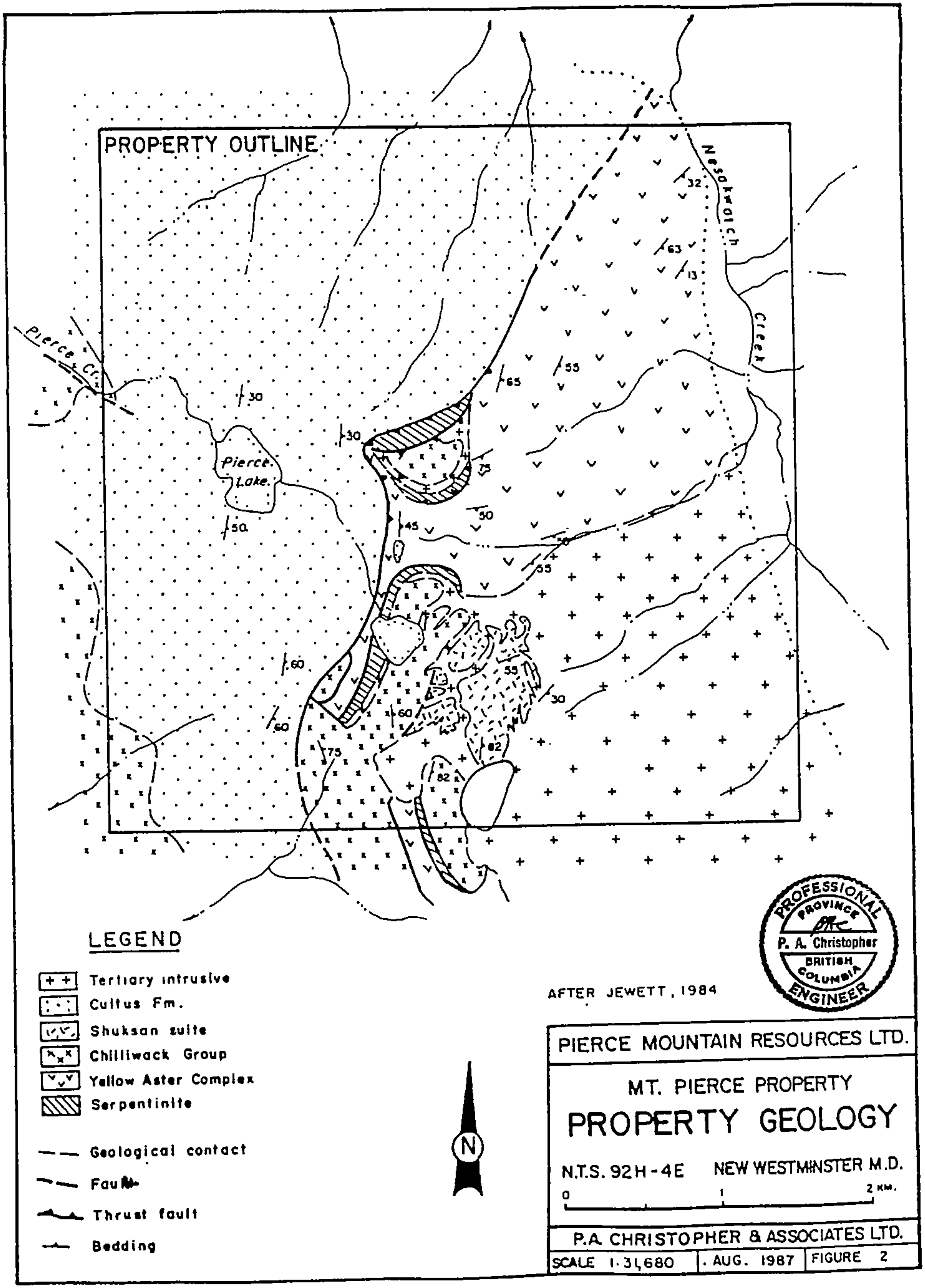
The Pierce Mountain Property is situated in the Cascade Mountains of Southwestern British Columbia. The general geology of the area has been mapped by Daly (1912) and Monger (1966) with detailed geology, structure and petrology described in a 1984 M.Sc. thesis by P.D. Jewett at Western Washington University (Figure 2). The property is located along the contact of the Chilliwack Batholith with highly metamorphosed rocks. Metamorphosed sedimentary rocks, volcanic rocks and gabbro of Precambrian to Tertiary ages include the Yellow Aster Complex, Chilliwack Group, Cultus Formation and Darrington Phyllite. Fault bounded slices of possible Precambrian serpentinized ultramafics intrude the metamorphic rocks. Tertiary granitic rocks of the Chilliwack Batholith were emplaced in the eastern part of the claim area.

The area is imbricated by high angle northeast and northwest trending faults with low angle faulting in the area of Pierce Mountain and Sleese Creek. Serpentinized ultramafic bodies are localized in both high and low angle faults in the area of Pierce Mountain and Mount MacFarlane.

Phases of the Chilliwack Batholith exposed on the Pierce Mountain Property consist of hornblende-biotite tonolite with associated granitic to dioritic dykes. Evidence of hydrothermal alteration is found near the contact of the Chilliwack Batholith (Jewett, 1984).

MINERALIZATION

The Pierce Mountain Property covers British Columbia Government Mineral Inventory occurrence MI 92H - SW 63 called the Mountain Goat or Pierce Mountain prospect. Free milling gold is reported by Daly in the 1901 report of the Geological Survey of Canada and Clothier (p. 145 in Dept. of Mine, Bull. 1) describes an assay of $70 in gold to the ton from the shaft zone and "high gold values, up to several hundred dollars to the ton".



PROPERTY OUTLINE
Pierce Cr.
Pierce Lake
Nesakwatch Creek
LEGEND
Tertiary intrusive
Cultus Fm.
Shuksan suite
Chilliwack Group
Yellow Aster Complex
Serpentinite
Geological contact
Fault
Thrust fault
Bedding
N
AFTER JEWETT, 1984
PROFESSIONAL ENGINEER
PROVINCE
P. A. Christopher
BRITISH COLUMBIA
PIERCE MOUNTAIN RESOURCES LTD.
MT. PIERCE PROPERTY
PROPERTY GEOLOGY
N.T.S. 92H-4E
NEW WESTMINSTER M.D.
0
1
2 KM.
P.A CHRISTOPHER & ASSOCIATES LTD.
SCALE 1:31,680
AUG. 1987
FIGURE 2

Mineralization on the Pierce Mountain Property consists of auriferous quartz and quartz-sulphide veins and stringers that are localized in fault and fracture zones near the contact between serpentinites and metamorphosed gabbros. Veins strike in a northeasterly direction and dip 65° to 80° to the northwest (George, 1987). A northeasterly trending, westerly dipping vein zone has been explored by a shaft and several trenches (Trench Vein, Figure 6) and at least one adit (Adit Vein, Figure 5). Sulphides include pyrite, pyrrhotite, arsenopyrite and chalcopyrite with high gold values previously correlated to the presence of pyrrhotite (Clothier, 1932).

The best mineralized vein occurs in the adit vein where a short adit exposes a quartz vein which varies in width from 8 cm to 25 cm (Figure 5). Two 10 inch (25 cm.) samples collected by the writer assayed 2.720 oz Au/ton (C-3) and 1.760 oz Au/ton (C-4). Sampling of the adit zone is summarized in Figures 4a and 5 and in Table 2.

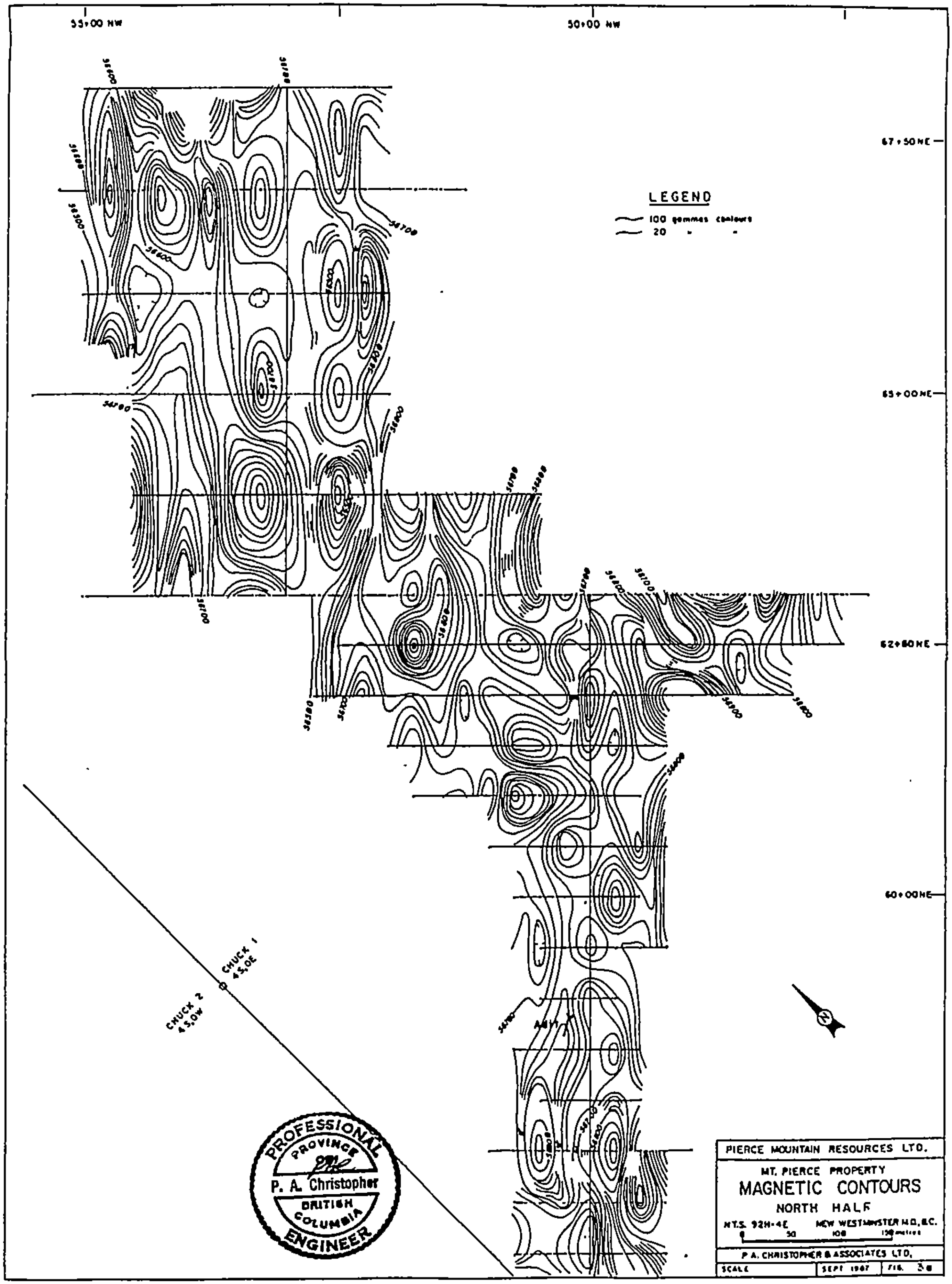
TABLE 2. SUMMARY OF ASSAYS FROM THE ADIT ZONE.

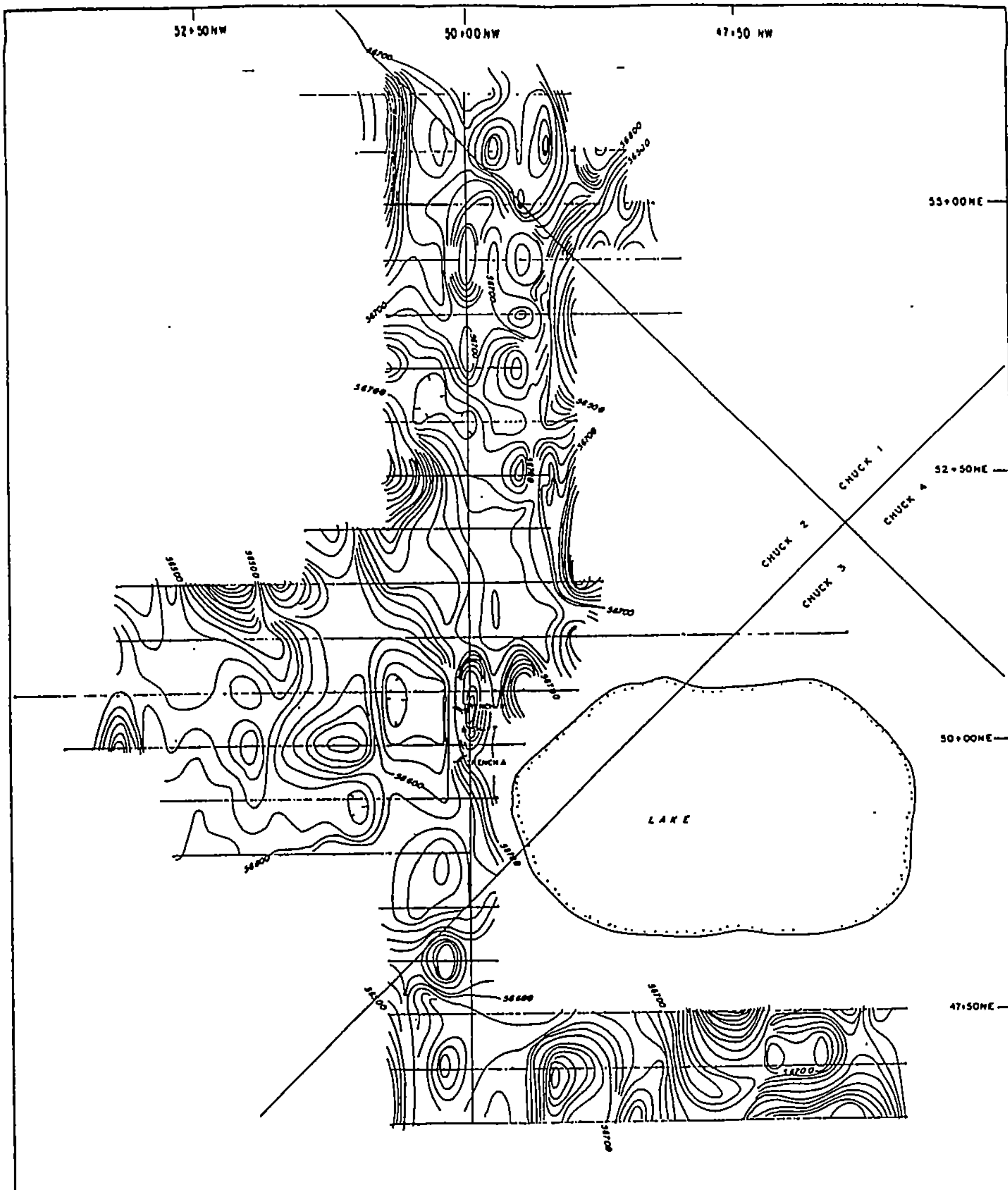
Sample No.	Type	Width (m)	Au (oz/ton)	Description
		J. George (1987)		
RSP-001	chip	0.17	0.682	Vein
RSP-002	chip	0.06	0.108	Vein
RSP-003	chip	0.09	12ppb	Wallrock
RSP-004	chip	0.20	0.541	Vein
		P.A. Christopher July 24/87		
PC-3 (C-3)	chip	0.25	2.720	Vein >20% Py,Po,Arseno.
PC-4 (C-4)	channel	0.25	1.760	Vein >20% Py,Po,Arseno.

Values of 0.016 oz Au/ton (C-1) for a 20 cm chip and 0.001 oz Au/ton (C-2) for a sulphide rich select dump sample obtained by the writer from the trench vein (Figure 6) do not support previous high grade values ($70 gold per ton) obtained by Clothier (1932) and others. The writer's samples may not be from the best mineralized material and/or erratic distribution of gold may occur at the trench vein zone.

GEOPHYSICAL RESULTS (Figures 3a,b,c, & 4a,b,c)

VLF-EM data show weak to strong anomalous response for the #1 grid area (Figures 4a & 4b). Five anomalies selected by geophysicist E.R. Rockel are labeled A to E on Figure 4b. Anomalies A and B parallel baseline 5000NW. The baseline was constructed along the trend of the known vein zone which could account for anomalies A and B. Rockel (1987) suggested that, "Conductor "C" on line 4950NE, and "D", on lines 4900NE, 4950NE and possibly 5000NE, are moderate to strong features which appear to trend in a north south direction. Conductor "C" seems to converge towards "A" in the south and may represent a mineralized converging structure." Field checking of anomalies "C" and "D" is required to define their cause.


55+00 NW
50+00 NW
67+50NE
65+00NE
62+50NE
60+00NE
LEGEND
100 gammas contours
20 " "
CHUCK 1
4.5.0E
CHUCK 2
4.5.0W
PROFESSIONAL
PROVINCE
P. A. Christopher
BRITISH
COLUMBIA
ENGINEER
PIERCE MOUNTAIN RESOURCES LTD.
MT. PIERCE PROPERTY
MAGNETIC CONTOURS
NORTH HALF
N.T.S. 92H-4E
NEW WESTMINSTER M.D., B.C.
0 50 100 150 metres
P. A. CHRISTOPHER & ASSOCIATES LTD.
SCALE
SEPT 1987
FIG. 3a



PROFESSIONAL ENGINEER
PROVINCE OF BRITISH COLUMBIA
P. A. Christopher

FOR LEGEND SEE NORTH HALF

PIERCE MOUNTAIN RESOURCES LTD

MT PIERCE PROPERTY

MAGNETIC CONTOURS

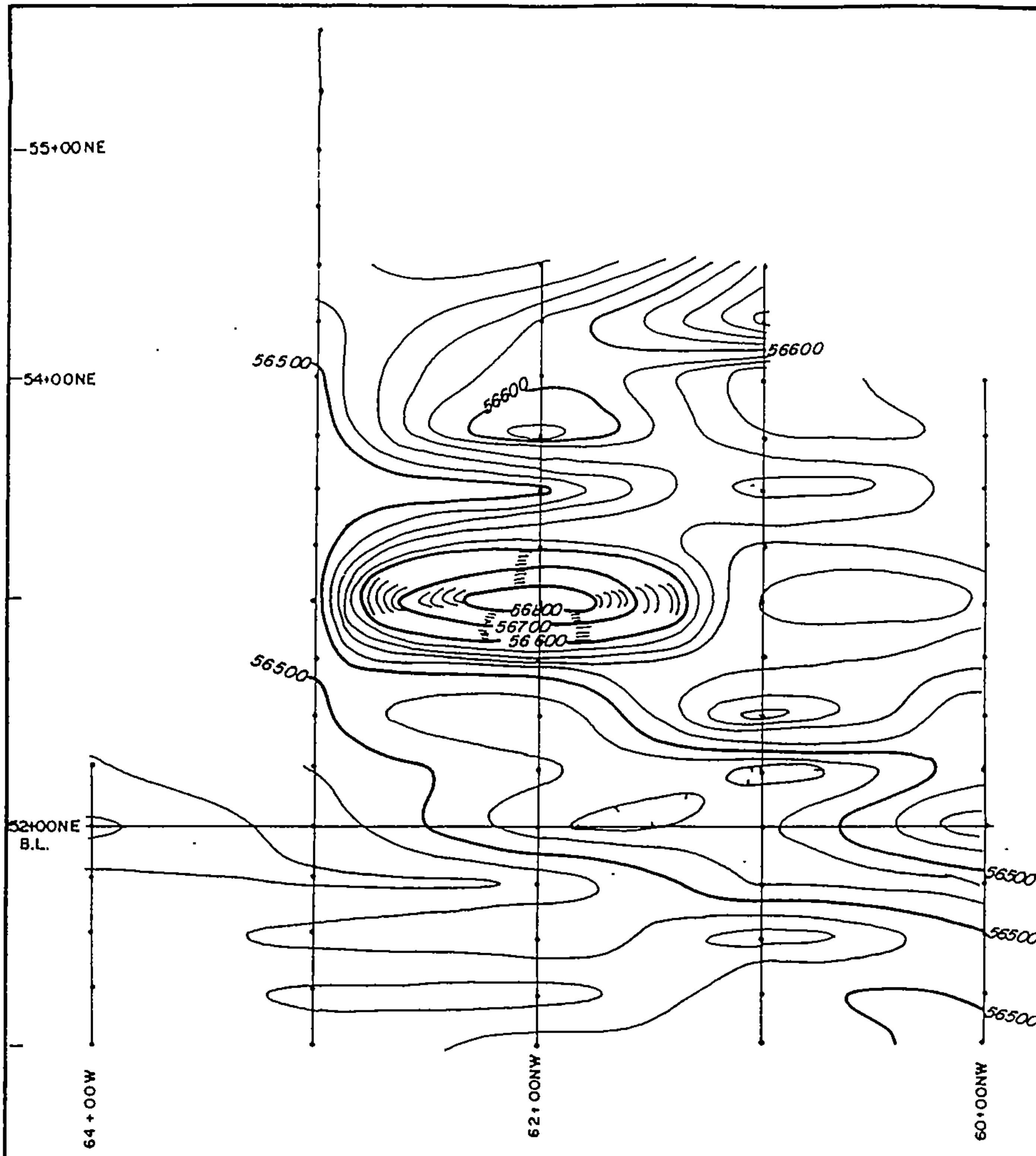
SOUTH HALF

NTS 92H-4E NEW WESTMINSTER M.D., B.C.

0 50 100 150 metres

P.A. CHRISTOPHER & ASSOCIATES LTD

SCALE	SEPT 1987	FIG 3b



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MT. PIERCE PROPERTY

MAGNETIC CONTOURS

WEST (Nº. 2) GRID

N.T.S. 92H - 4E NEW WESTMINSTER M.D. B.C.

0 50 100 150 METRES

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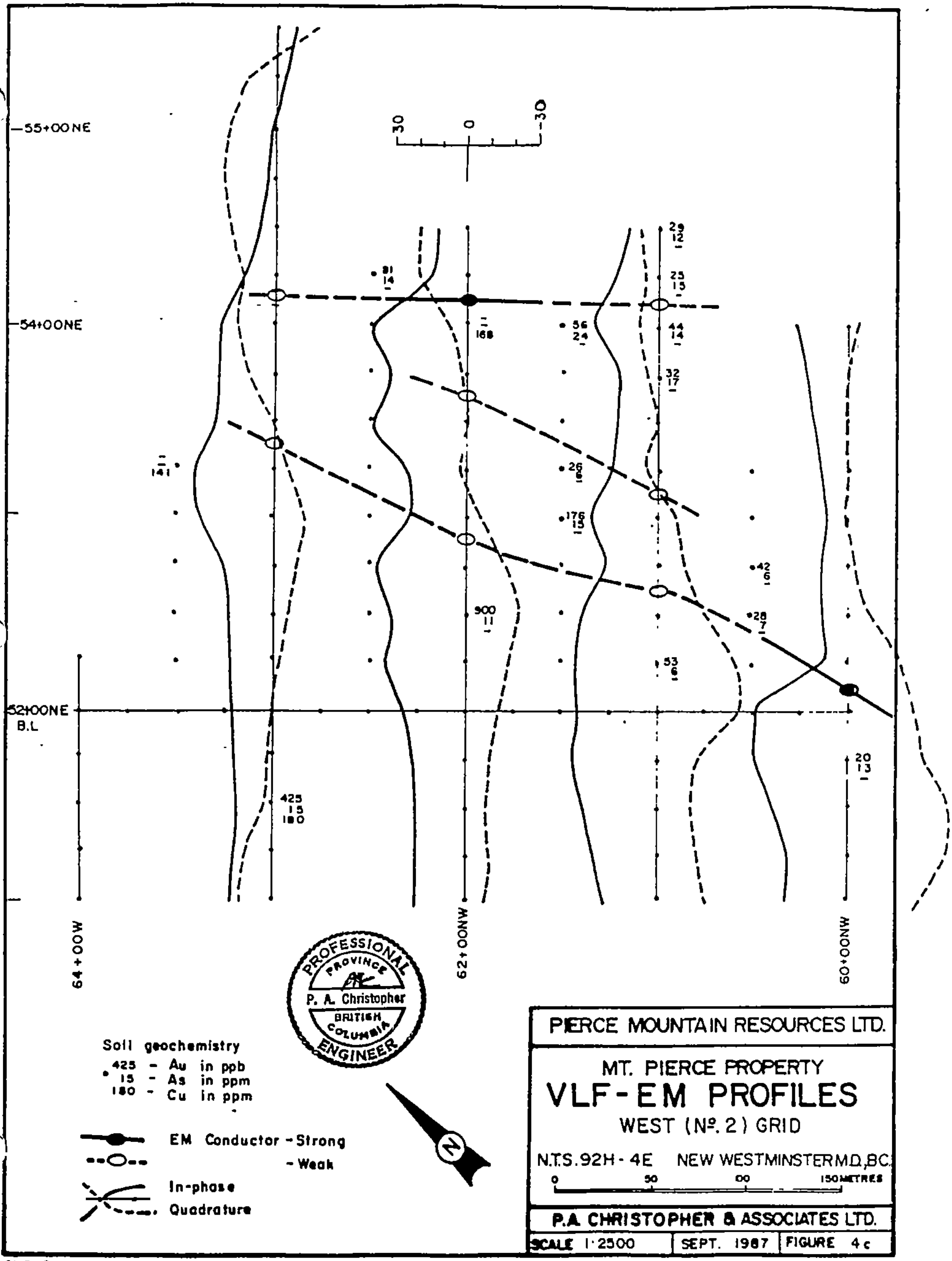
SCALE 1:2500	SEPT. 1987	FIGURE 3c

CHONG



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MT. PIERCE PROPERTY

VLF-EM PROFILES

WEST (Nº. 2) GRID

N.T.S. 92H - 4E NEW WESTMINSTER M.D., B.C.

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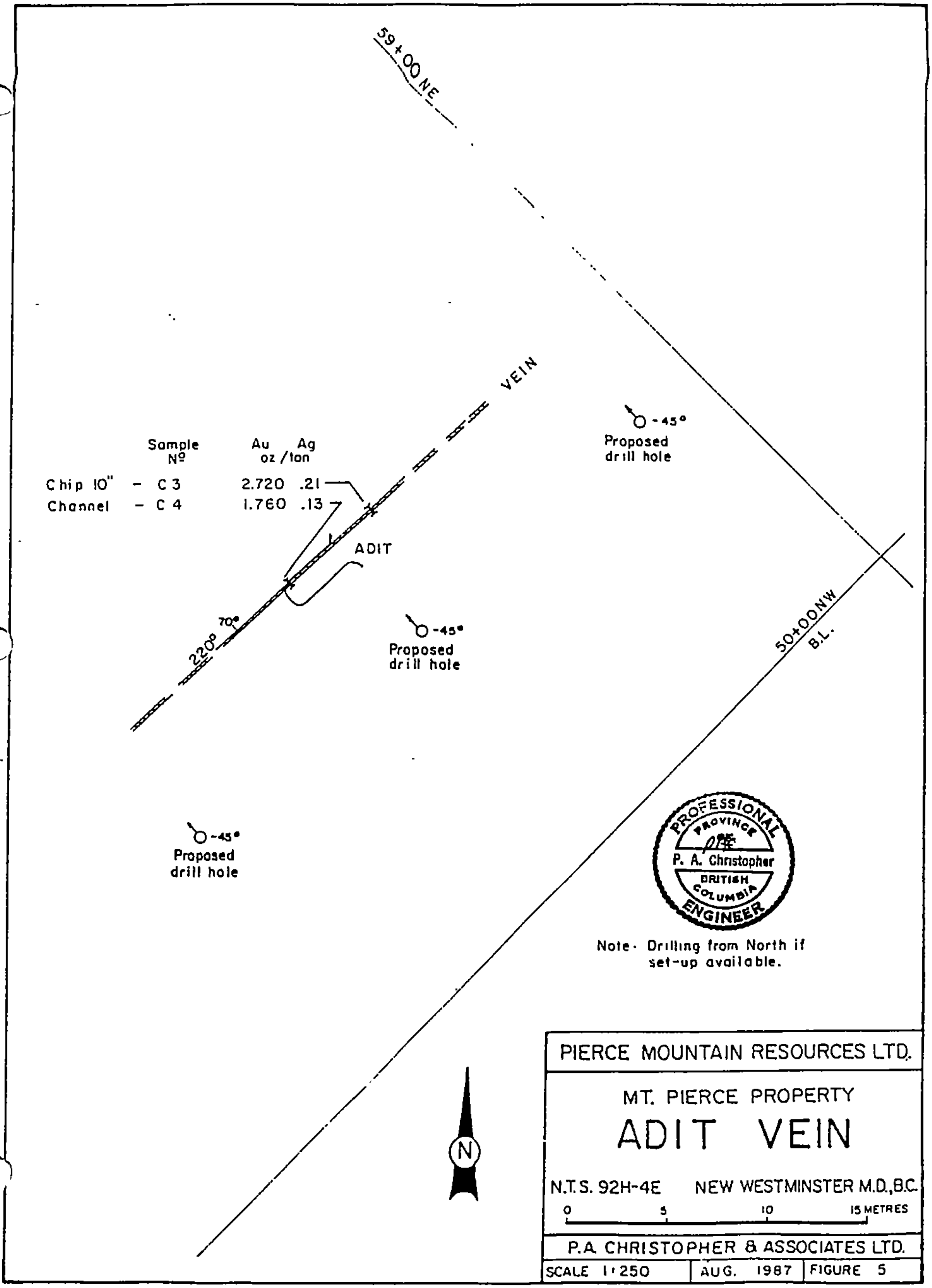
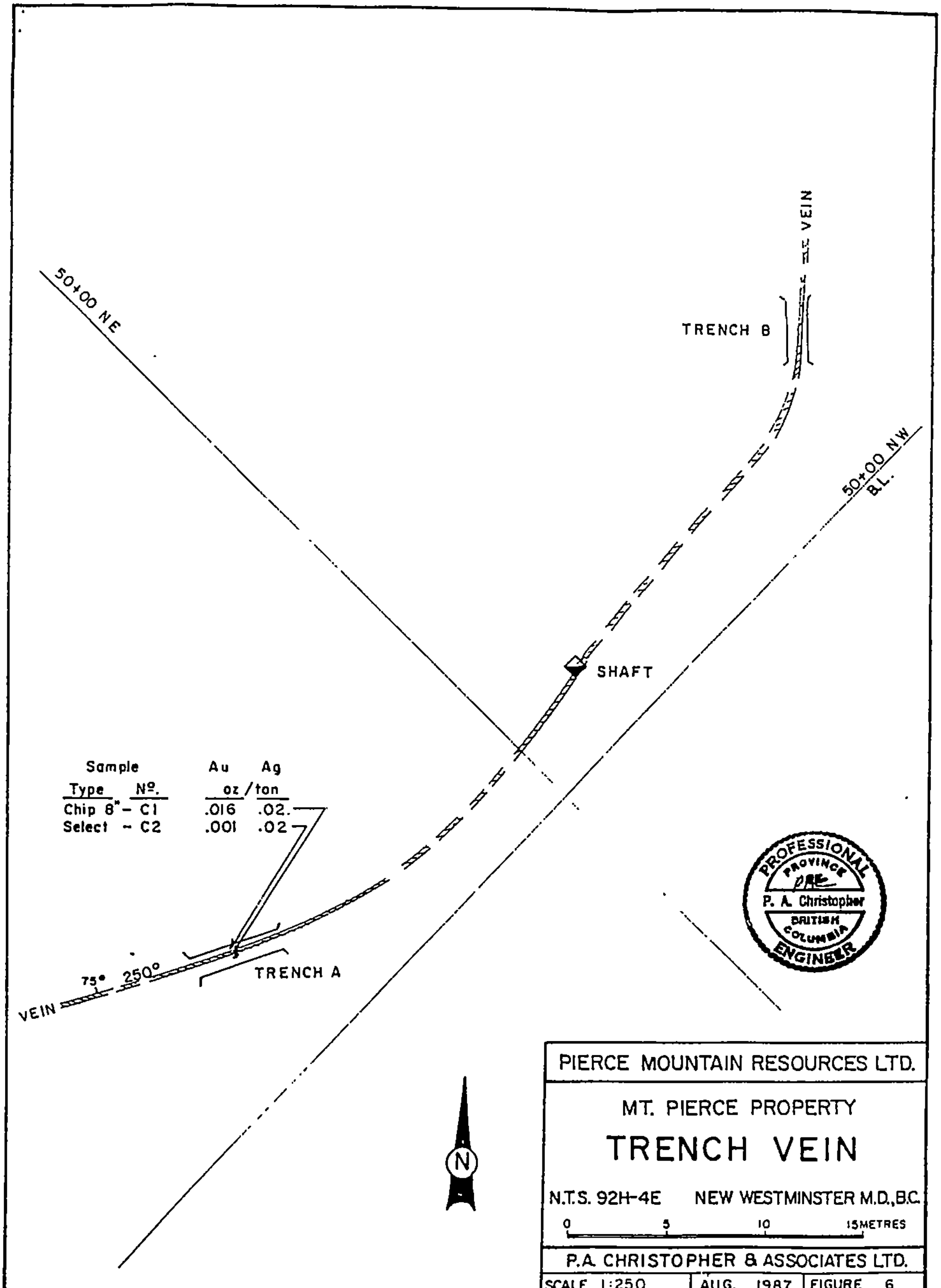
SCALE 1:2500	SEPT. 1987	FIGURE 4c


59+00 NE
VEIN
Sample Nº
Au Ag oz / ton
Chip 10" - C 3 2.720 .21
Channel - C 4 1.760 .13
ADIT
70°
220°
-45°
Proposed drill hole
-45°
Proposed drill hole
-45°
Proposed drill hole
50+00 NW B.L.
PROFESSIONAL ENGINEER
PROVINCE OF BRITISH COLUMBIA
P. A. Christopher
Note · Drilling from North if set-up available.
N
PIERCE MOUNTAIN RESOURCES LTD.
MT. PIERCE PROPERTY
ADIT VEIN
N.T.S. 92H-4E NEW WESTMINSTER M.D., B.C.
0 5 10 15 METRES
P.A. CHRISTOPHER & ASSOCIATES LTD.
SCALE 1:250
AUG. 1987
FIGURE 5

CHONG



PIERCE MOUNTAIN RESOURCES LTD.

MT. PIERCE PROPERTY

TRENCH VEIN

N.T.S. 92H-4E NEW WESTMINSTER M.D., B.C.

P.A. CHRISTOPHER & ASSOCIATES LTD.

SCALE 1:250 | AUG. 1987 | FIGURE 6

CHONG

A strong anomaly, labeled "E", occurs on line 5100NE in an area of strong geochemical response. VLF-EM lines should be run north of the anomaly to define the conductors direction and trenching should be considered.

Modest VLF-EM anomalies detected in the West (#2) grid area were were supported by 14 anomalous gold values obtained from the grid area. Prospecting is required to explain the cause of the VLF-EM and geochemical anomalies.

Magnetic relief of about 1000 gammas was detected in the #1 grid area. Magnetic trends appear to reflect underlying geology and structure but may also reflect the presence of pyrrhotite which is reported to be associated with the best gold values. Magnetic surveys should be extended for comparison with VLF-EM, trenching and drill results to determine if mineralized zones have a distinctive magnetic character.

GEOCHEMICAL RESULTS (Figures 4a,b,c & 7)

Soil sampling resulted in 37 gold values of 20 ppb or more with the maximum response of 1170 ppb from the #1 grid area. The strongest response is along the trend of VLF-EM anomaly "C" but is not associated with a previously known showing.

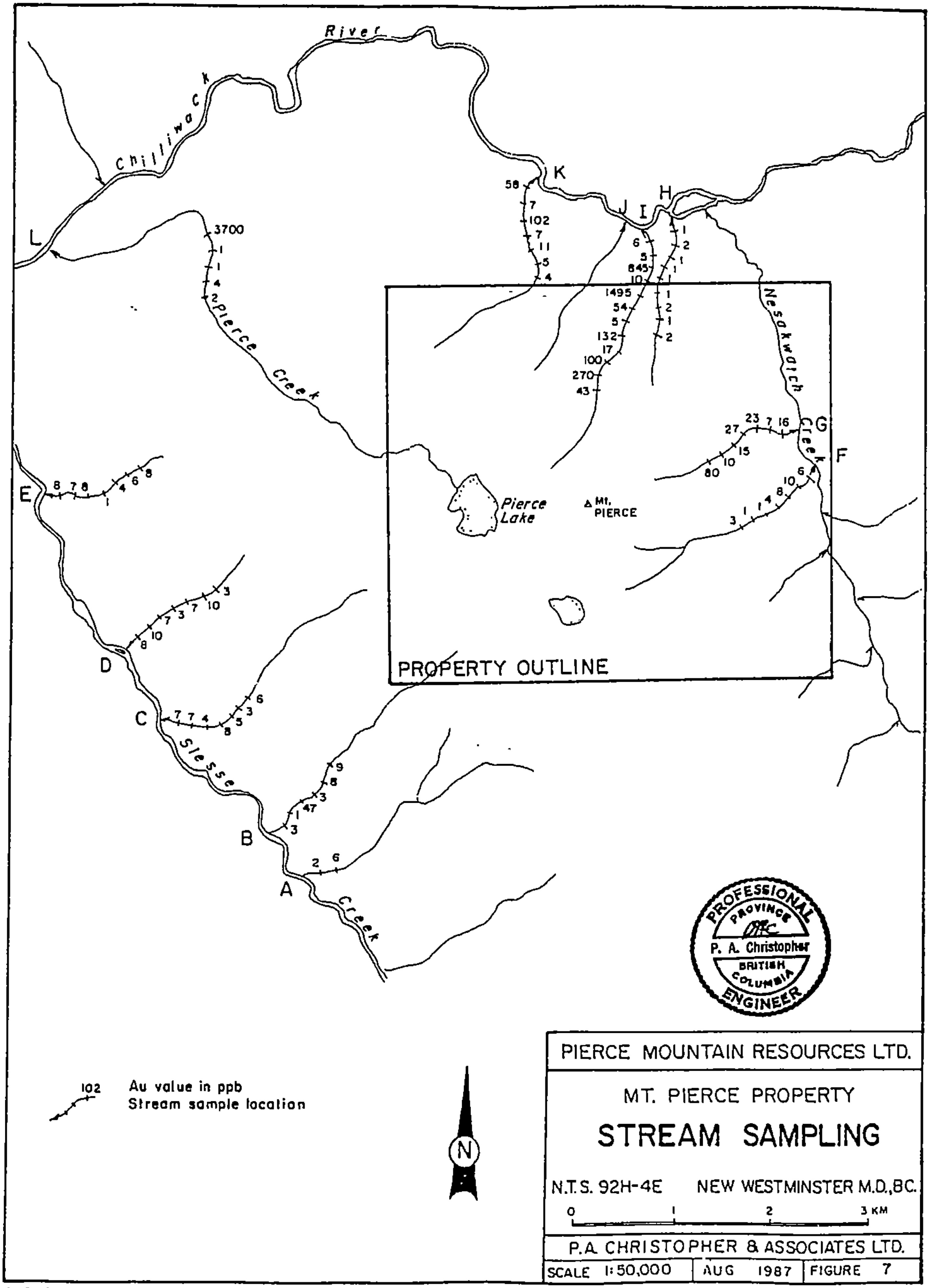
VLF-EM anomaly "E" is supported by gold values of 22 ppb and 480 ppb Copper values of 159 ppm and 143 ppm are also associated with anomaly "E". Further soil sampling and possibly trenching should be employed to evaluate the VLF-EM anomaly. Drilling is contingent on the success of further survey work.

VLF-EM anomalies "A" and "B" are associated with gold up to 69 ppb but the adit vein zone and trench vein zone were not outlined by soil anomalies.

A single anomalous sample with 970 ppb gold, 371 ppm arsenic and 231 ppm copper was obtained at 5150NW on line 6300NE. Field checking and possibly hand trenching of this site is warranted.

Anomalous gold values from the #2 grid area are summarized in Figure 4c with 14 values of 20 ppb or more and a high value of 900 ppb gold. The 900 ppb value is associated with a weak to moderate VLF-EM conductor. Prospecting to determine the cause of the VLF-EM and geochemical response is warranted.

Figure 7 shows the location of silt samples collected in the area of the Pierce Mountain Property with geochemical results summarized in Appendix A and gold values plotted on Figure 7. The strongest geochemical response is from Creek I which drains the area of Pierce Lake and Pierce Mountain. Creek I has 5 of 12 values over 100 ppb with values up to 1495 ppb which encourages prospecting in the headwater area of this creek. A single strongly anomalous value of 3700 ppb obtained from Pierce Creek may result from a nugget or placer effect since all other values are low background.



Chilliwack River
Pierce Creek
Slesse Creek
Nesakwatch Creek
Pierce Lake
MT. PIERCE
PROPERTY OUTLINE
A
B
C
D
E
F
G
H
I
J
K
L
3700
1495
845
270
132
102
100
80
58
102
Au value in ppb
Stream sample location
N
PROFESSIONAL ENGINEER
PROVINCE OF BRITISH COLUMBIA
P. A. Christopher
PIERCE MOUNTAIN RESOURCES LTD.
MT. PIERCE PROPERTY
STREAM SAMPLING
N.T.S. 92H-4E
NEW WESTMINSTER M.D., BC.
0
1
2
3 KM
P.A. CHRISTOPHER & ASSOCIATES LTD.
SCALE 1:50,000
AUG 1987
FIGURE 7
CHONG

DISCUSSION

Sampling by the writer has supported previously reported high grade results from the Pierce Mountain Property by Daly in 1901, Clothier in 1932 and George in 1987. Sampling has indicated a narrow, high grade zone that warrants further testing along strike and down dip. VLF-EM and soil geochemical surveys indicated possible parallel northeast veins zones and a possible northerly trending, mineralized structure.

Several strong geochemical responses for gold occur on the two grids and a number of weak to strong VLF-EM conductors have been identified. The strong VLF-EM conductor "E" is supported by strong gold and copper responses with additional geochemical and geophysical line warranted to the north of this anomaly. Geophysical anomalies "C" and "D" and several of the stronger geochemical anomalies require prospecting and possibly hand trenching to determine their cause. Geophysical anomalies "A" and "B" occur along the trend of the main vein zone for which trenching and drilling is justified by high grade gold assays of up to 2.720 oz Au/ton over a 25 cm width.

CONCLUSIONS AND RECOMMENDATIONS

The initial exploration program on the Pierce Mountain Property has defined several geochemical and geophysical anomalies that warrant follow-up prospecting, trenching and/or grid surveys (eg. north of anomaly "E"). Subsurface testing of the mineralized vein zone on the Pierce Mountain Property is justified with initial trenching followed by a 1000 foot drill test of the adit vein zone and/or other zones revealed by the trenching program.

A Stage I program of follow-up prospecting, geochemical sampling, VLF-EM, trenching and 1000 feet (300 m.) of diamond drilling is recommended at an estimated cost of $100,000. Success contingent, Stage II and Stage III trenching and drilling programs are estimated to cost $170,000 and $200,000 respectively.

ITEMIZED COST STATEMENT

PERSONAL

Contract line-cutting, gridding, geochemical and geophysical work
- Renegade Mineral Exploration Services Ltd:

....$ 50,420.00

TRANSPORTATION

Mobilization and de-mobilization ....$ 3,000.00

Helicopter:

20 hours @ $ 350.00 per/hour ....$ 7,062.00

ANALYSES

548 soil samples at $ 11.00 per sample ....$ 6,028.00

TOTAL	$ 66,510.00

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CERTIFICATE

I, Jonathan W. George, Consulting Geologist, of 2660 - 650 West Georgia Street, Vancouver, B.C. Certify that:

1. I am a graduate of Western Washington University, Bellingham, Washington, with a B.Sc. (Geology).

2. I have been actively engaged in geological work for the past eight (8) years.

3. I am the President and major shareholder of Pierce Mountain Resources Ltd.

4. Pierce Mountain Resources Ltd. has the sole right to the use of this report for its own purposes.

Jonathan W. George (Geologist)

DATED: May 13, 1988

APPENDIX A

CERTIFICATES OF ANALYSIS

ACME ANALYTICAL LABORATORIES   852 E. HASTINGS ST. VANCOUVER B.C. V6A 1R6   PHONE 253-3158   DATA LINE 251-1011

ASSAY CERTIFICATE

- SAMPLE TYPE: Rock Chips

DATE RECEIVED: JUL 24 1987   DATE REPORT MAILED: July 29/87   ASSAYER..[illegible]...DEAN TOYE. CERTIFIED B.C. ASSAYER

PIERCE MOUNTAIN RESOURCES   File # 87-2671

SAMPLE#	MO %	CU %	PB %	ZN %	AG OZ/T	NI %	CO %	MN %	FE %	AS %	U %	TH %	CD %	SB %	BI %	AU OZ/T
PC 87724-1	.001	.02	.01	.01	.02	.01	.01	.12	11.[illegible]	.01	.002	.01	.01	.01	.01	.016
PC 87724-2	.001	.03	.01	.01	.02	.01	.01	.14	11.06	.01	.002	.01	.01	.01	.01	.001
PC 87724-3	.001	.08	.01	.01	.21	.02	.09	.03	47.58	.01	.009	.01	.01	.01	.01	2.7[illegible]0
PC 87724-4	.001	.08	.01	.01	.13	.01	.04	.10	27.60	.01	.002	.01	.01	.01	.01	1.760
STD P-1/OZ	.094	.89	1.37	2.38	2.96	.03	.03	.08	7.02	.97	.008	.01	.04	.14	.03	-

ACME ANALYTICAL LABORATORIES 852 E. HASTINGS ST. VANCOUVER B.C. V6A 1R6 PHONE 253-3158 DATA LINE 251-1011

GEOCHEMICAL/ASSAY CERTIFICATE

.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: Rock Chips AU** BY FIRE ASSAY

DATE RECEIVED: MAR 18 1987 DATE REPORT MAILED: Mar 24/87 ASSAYER. D. Toye. DEAN TOYE, CERTIFIED B.C. ASSAYER

PIERCE MOUNTAIN File # 87-0730

SAMPLE#	MO PPM	CU PPM	PB PPM	ZN PPM	AG PPM	NI PPM	CO PPM	MN PPM	FE %	AS PPM	U PPM	AU PPM	TH PPM	SR PPM	CD PPM
0608	9	116	6	176	.5	17	17	1273	7.63	2	5	ND	1	24	1
0609	5	12	4	94	.2	7	3	410	5.63	5	5	ND	2	5	1
0610	2	7	9	68	.1	8	2	258	1.81	5	5	ND	1	9	1
0611	1	10145	2	138	1.0	46	38	191	4.44	2	5	ND	1	14	5
0612	1	15865 ✓	2	172	1.8	34	31	165	3.99	2	5	ND	2	10	6
0613	1	5652	3	78	.7	42	42	209	4.04	2	5	ND	1	11	3
0614	2	54	7	57	.1	5	7	630	3.41	2	5	ND	1	56	1
0615	1	1319	19	33	2.3	7	32	155	14.06	670	5	ND	2	2	1
STD C	22	60	41	140	7.0	72	29	1052	4.00	43	15	7.7	36	50	18

SAMPLE#	SB PPM	BI PPM	V PPM	CA %	P %	LA PPM	CR PPM	MG %	BA PPM	TI %	B PPM	AL %	NA %	K %	W PPM	AU** OZ/T
0608	2	2	94	.44	.074	2	15	1.39	114	.22	11	3.04	.12	.13	2	.001
0609	2	2	10	.05	.025	4	5	.18	70	.10	4	.65	.07	.07	1	.001
0610	2	2	10	.14	.037	7	13	.32	54	.07	2	.66	.05	.05	1	.001
0611	2	2	51	.63	.078	3	1	.32	24	.10	2	.62	.13	.02	1	.022
0612	3	2	39	.85	.082	3	2	.23	21	.12	2	.58	.10	.01	1	.001
0613	3	2	52	.60	.075	3	1	.38	21	.11	2	.60	.15	.03	1	.001
0614	2	2	28	1.25	.060	2	6	1.13	42	.22	3	1.99	.02	.08	3	.001
0615	4	13	12	.09	.030	2	2	.11	12	.01	11	.19	.02	.10	2	.007
STD C	15	20	66	.48	.105	37	57	.89	185	.09	33	1.72	.07	.14	14	-

✓ ASSAY REQUIRED FOR CORRECT RESULT -

ACME ANALYTICAL LABORATORIES
852 E. HASTINGS ST. VANCOUVER B.C. V6A 1R6
PHONE 253-3158 DATA LINE 251-1011

DATE RECEIVED: AUG 12 1987
DATE REPORT MAILED: Aug. 20/87

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 LA CR MG BA TI B W AND LIMITED FOR NA AND K. AU DETECTION LIMIT BY ICP IS 3 PPM.
- SAMPLE TYPE: P1 TO P2-SOIL P3 TO P5-STREAM SEDS AU* ANALYSIS BY AA FROM 10 GRAM SAMPLE.

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

PIERCE MOUNTAIN RES. File # 87-3210 Page 1

SAMPLE#	CU PPM	AG PPM	AS PPM	SB PPM	BI PPM	AU* PPB
L20+00E 52+75N	30	.9	13	2	2	1
L20+00E 52+00N	22	.2	13	7	2	1
L20+00E 52+00N A	39	.9	9	4	2	6
L20+00E 51+75N	17	.3	7	2	2	1
L20+00E 51+50N	44	.1	11	9	2	1
L20+00E 51+25N	25	.2	12	5	2	3
L20+00E 50+50N	38	.1	5	4	2	1
L20+00E 49+75N	48	.1	11	3	2	1
L20+00E 49+50N	4	.1	2	2	2	1
L20+00E 49+00N	43	.2	18	4	3	1
L20+00E 48+75N	27	.3	7	6	3	1
L20+00E 48+50N	30	.3	6	3	2	1
L20+00E 48+25N	23	.2	7	5	2	1
L20+50E 52+50N	69	.3	15	8	2	1
L20+50E 52+25N	41	.7	27	7	2	1
L20+50E 51+75N	26	.1	4	2	2	1
L20+50E 51+50N	16	.2	6	2	2	1
L20+50E 51+25N	22	.3	10	2	2	1
L20+50E 51+00N	49	.3	7	4	2	1
L20+50E 50+75N	24	.4	13	6	2	1
L20+50E 50+73N	9	.1	4	4	2	1
L20+50E 50+50N	21	.2	14	3	2	1
L20+50E 50+00N	36	.3	18	5	3	1
L20+50N 48+00N	25	.3	14	5	2	1
L21+50N 52+25N	36	.1	8	4	2	2
L21+50N 52+00N	26	.3	11	4	2	2
L21+50N 51+75N	37	.3	8	2	2	1
L21+50N 51+25N	33	.2	6	4	2	1
L21+50N 51+00N	27	.1	7	4	2	1
L21+50N 50+75N	51	.1	10	3	2	1
L21+00N 52+50N	28	.2	6	4	2	3
L21+00N 52+25N	19	.2	8	6	2	1
L21+00N 51+75N	16	.3	10	3	2	1
L21+00N 51+50N	27	.1	7	3	2	1
L21+00N 51+25N	42	.3	9	3	2	1
L21+00N 51+00N	36	.2	[illegible]	2	2	1
STD C/AU-S	58	6.9	11	13	18	51

PIERCE MOUNTAIN RES. FILE # 87-3210

SAMPLE#	CU PPM	AG PPM	AS PPM	SB PPM	BI PPM	AU* PPB
L21+00E 50+75N	25	.4	7	2	3	1
L21+00E 50+50N	72	.5	8	2	2	2
L21+00E 50+25N	48	.2	6	2	2	4
L21+00E 50+00N	33	.2	9	2	2	1
L21+00E 49+50N	41	.6	14	2	2	1
L21+00E 49+25N	16	.2	9	2	2	1
L21+00E 49+00N	44	.4	2	2	2	1
L21+00E 48+75N	36	.1	23	2	2	1
L21+00E 48+50N	36	.3	15	4	2	1
L21+00E 48+25N	11	.2	12	4	2	1
L21+00E 48+00N	26	.1	10	4	4	2
L21+00E 47+75N	30	.6	12	2	3	1
L21+00E 47+50N	31	.3	14	5	2	1
STD C/AU-S	57	7.5	40	17	22	52

SAMPLE#	CU PPM	AG PPM	AS PPM	SB PPM	BI PPM	AU* PPB
SSPA 011	62	.2	38	4	2	2
SSPA 012	54	.3	28	5	2	5
SSPB 013	56	.5	11	4	2	3
SSPB 014	56	.3	16	2	2	1
SSPB 015	58	.6	14	4	2	47
SSPB 016	59	.5	21	3	2	3
SSPB 017	59	.5	11	2	2	8
SSPB 018	58	.6	17	2	2	9
SSPC 019	46	.2	13	5	2	7
SSPC 020	50	.3	14	3	2	7
SSPC 021	47	.2	16	3	2	4
SSPC 022	48	.3	13	3	2	8
SSPC 023	49	.4	16	2	2	5
SSPC 024	46	.4	13	3	3	3
SSPC 025	45	.1	18	5	2	6
SSPD 026	39	.5	15	3	2	8
SSPD 027	38	.3	10	2	2	10
SSPD 028	38	.5	13	2	2	7
SSPD 029	36	.2	16	2	2	3
SSPD 030	37	.3	17	5	2	7
SSPD 031	40	.3	16	4	2	10
SSPD 032	36	.5	11	4	2	3
SSPE 033	46	.3	9	2	2	8
SSPE 034	38	.2	10	2	2	7
SSPE 035	41	.3	11	2	2	8
SSPE 036	41	.1	15	2	2	1
SSPE 037	56	.4	9	2	2	4
SSPE 038	42	.1	11	2	2	6
SSPE 039	41	.2	9	2	2	8
SSPF 039	18	.1	10	2	2	6
SSPE 040	41	.2	11	2	2	10
SSPF -1	22	.1	12	2	2	8
SSPF 040	20	.1	18	2	2	4
SSPF 041	24	.1	15	2	2	1
SSPF 042	22	.1	16	3	2	1
SSPF 043	22	.3	15	2	2	3
SSPL 044	31	.3	12	3	2	3700
STD C/AU-S	59	7.5	40	13	22	51

SAMPLE#	CU PPM	AG PPM	AS PPM	SB PPM	BI PPM	AU* PPB
SSPL 045	30	.2	11	2	2	1
SSPL 046	29	.1	13	2	2	1
SSPL 047	28	.1	11	2	2	4
SSPL 048	28	.1	12	2	2	2
SSPI 049	55	.1	16	2	2	6
SSPI 050	54	.1	17	2	2	5
SSPI 051	59	.1	15	2	2	845
SSPI 052	56	.1	22	2	2	10
SSPI 053	54	.1	16	2	2	1495
SSPI 054	58	.3	17	5	2	54
SSPI 055	56	.1	12	2	2	5
SSPI 056	64	.3	12	2	2	132
SSPI 057	55	.1	18	2	2	17
SSPI 058	49	.1	16	2	2	100
SSPI 059	52	.3	23	2	2	270
SSPI 060	58	.2	16	5	2	43
SSPG 064	89	.1	18	2	2	16
SSPG 065	87	.1	20	3	2	7
SSPG 066	98	.1	19	2	2	23
SSPG 067	97	.1	20	3	2	27
SSPG 068	114	.1	20	3	2	15
SSPG 069+50	102	.1	23	2	2	10
SSPG 070	120	.1	35	2	2	80
SSPK 071	42	.1	14	2	2	58
SSPK 072	43	.3	22	2	2	7
SSPK 073	47	.3	15	2	2	102
SSPK 074	47	.1	20	2	2	7
SSPK 075	47	.2	19	2	2	11
SSPK 076	42	.3	14	3	2	5
SSPK 077	56	.4	17	2	2	4
SSPH 078	73	.3	21	4	2	1
SSPH 079	69	.4	16	5	2	2
SSPH 080	69	.2	20	2	2	1
SSPH 081	84	.2	15	3	3	1
SSPH 082	78	.5	29	2	2	1
SSPH 083	81	.3	19	2	2	1
STD C/AU-S	60	7.7	40	16	22	50

PIERCE MOUNTAIN RES. FILE # 87-3210

SAMPLE#	CU PPM	AG PPM	AS PPM	SB PPM	BI PPM	AU* PPB
SSPH 084	86	.5	20	2	2	2
SSPH 085	74	.4	24	3	2	1
SSPH 086	71	.2	18	3	2	2

ACME ANALYTICAL LABORATORIES
852 E. HASTINGS ST. VANCOUVER B.C. V6A 1R6
PHONE 253-3158 DATA LINE 251-1011

DATE RECEIVED: JULY 22 1987

DATE REPORT MAILED: July 30/87

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 LA CR MG BA TI B W AND LIMITED FOR NA AND K. AU DETECTION LIMIT BY ICP IS 3 PPM.
- SAMPLE TYPE: P1-15 SOIL P16-17 SILT P18 ROCK AU* ANALYSIS BY AA FROM 10 GRAM SAMPLE.

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

PIERCE MOUNTAIN File # 87-2603 Page 1

SAMPLE#	CU PPM	AS PPM	AU* PPB
6750NW 5300NE	46	2	3
6400NW 5100NE	42	17	5
6400NW 5125NE	28	8	2
6400NW 5150NE	26	7	7
6400NW 5175NE	50	18	3
6350NW 5325NE	141	36	14
6350NW 5350NE	29	18	2
6300NW 5100NE	45	17	8
6300NW 5150NE	180	15	425
6300NW 5175NE	25	4	3
6300NW 5225NE	21	8	1
6300NW 5250NE	34	13	2
6300NW 5275NE	65	15	5
6300NW 5300NE	23	10	1
6300NW 5325NE	32	7	1
6300NW 5350NE	26	7	4
6300NW 5500NE	46	21	2
6300NW 5525NE	26	13	1
6300NW 5550NE	45	9	10
6250NW 5225NE	29	14	4
6250NW 5250NE	21	11	12
6250NW 5275NE	47	13	5
6250NW 5300NE	47	12	1
6250NW 5325NE	68	40	3
6250NW 5350NE	23	12	1
6250NW 5375NE	35	8	1
6250NW 5400NE	27	12	5
6250NW 5425NE	33	14	81
6250NW 5450NE	27	7	5
6250NW 5475NE	34	12	2
6250NW 5500NE	52	12	1
6250NW 5525NE	65	34	2
6250NW 5550NE	16	7	6
6200NW 5125NE	54	13	6
6200NW 5150NE	61	13	6
6200NW 5175NE	66	14	7
6200NW 5225NE	26	9	3
STD C/AU-S	58	43	51

SAMPLE#	CU PPM	AS PPM	AU* PPB
6200NW 5250NE	27	11	900
6200NW 5275NE	40	9	5
6200NW 5300NE	27	9	10
6200NW 5325NE	44	13	5
6200NW 5350NE	54	11	1
6200NW 5375NE	94	26	8
6200NW 5400NE	118	25	12
6200NW 5425NE	42	14	1
6200NW 5450NE	27	13	5
6150NW 5225NE	22	10	1
6150NW 5250NE	22	10	8
6150NW 5275NE	28	11	5
6150NW 5300NE	55	15	176
6150NW 5325NE	33	6	26
6150NW 5350NE	89	15	16
6150NW 5375NE	49	19	1
6150NW 5400NE	50	24	56
6150NW 5425NE	31	7	2
6150NW 5450NE	35	7	1
6100NW 5100NE	34	18	1
6100NW 5125NE	50	33	2
6100NW 5150NE	53	44	3
6100NW 5200NE	30	9	1
6100NW 5225NE	39	6	35
6100NW 5250NE	39	6	14
6100NW 5275NE	32	6	5
6100NW 5300NE	39	7	1
6100NW 5325NE	53	13	11
6100NW 5350NE	37	5	5
6100NW 5375NE	46	17	32
6100NW 5400NE	70	14	44
6100NW 5425NE	43	15	25
6100NW 5450NE	32	12	29
6050NW 5200NE	35	10	5
6050NW 5250NE	54	7	28
6050NW 5275NE	32	6	42
6050NW 5300NE	36	5	15
STD C/AU-S	59	41	47

SAMPLE#	CU PPM	AS PPM	AU* PPB
6050NW 5350NE	45	15	15
6050NW 5375NE	50	20	14
6050NW 5400NE	50	17	10
6000NW 5125NE	72	100	1
6000NW 5150NE	75	117	10
6000NW 5175NE	66	13	20
6000NW 5225NE	20	14	17
6000NW 5250NE	31	9	5
6000NW 5275NE	20	6	1
6000NW 5300NE	31	14	1
6000NW 5325NE	47	15	11
6000NW 5350NE	51	17	2
6000NW 5375NE	63	23	1
6000NW 5400NE	71	20	1
5300NW 6350NE	23	10	3
5300NW 6400NE	15	3	2
5300NW 6450NE	22	3	1
5300NW 6500NE	20	2	1
5300NW 6600NE	30	2	1
5300NW 6650NE	31	4	1
5000NW 4700NE	42	12	1
5000NW 4750NE	62	15	3
5000NW 4800NE	62	84	2
5000NW 4850NE	97	24	1
5000NW 4900NE	87	27	1
5000NW 5000NE	14	6	1
5000NW 5050NE	14	5	1
5000NW 5150NE	49	8	1
5000NW 5200NE	62	8	2
5000NW 5250NE	23	2	1
5000NW 5300NE	42	7	1
5000NW 5350NE	69	17	1
5000NW 5400NE	89	11	2
5000NW 5550NE	27	6	5
5000NW 5750NE	61	8	1
5000NW 5900NE	30	3	8
5000NW 5950NE	13	5	16
STD C/AU-S	57	43	48

SAMPLE#	CU PPM	AS PPM	AU* PPB
5000NW 6000NE	9	2	1
5000NW 6200NE	59	14	2
5000NW 6300NE	41	10	12
4650NE 4975NW	64	17	2
4650NE 4950NW	26	7	1
4650NE 4925NW	76	11	7
4650NE 4925NW A	24	5	2
4650NE 4900NW	25	8	1
4650NE 4875NW	36	6	1
4650NE 4850NW	30	6	1
4650NE 4800NW	69	9	1
4650NE 4775NW	87	33	6
4650NE 4675NW	90	8	4
4700NE 4975NW	101	34	41
4700NE 4950NW	56	9	45
4700NE 4925NW	25	4	2
4700NE 4900NW	25	2	17
4700NE 4875NW	67	4	1
4700NE 4850NW	9	2	5
4700NE 4800NW	90	6	3
4700NE 4700NW	86	13	4
4700NE 4675NW	85	15	1
4700NE 4600NW	92	12	2
4750NE 4975NW	21	3	1
4750NE 4950NW	73	9	7
4750NE 4925NW	35	60	1
4750NE 4900NW	69	9	1
4800NE 4975NW	97	12	2
4800NE 4950NW	149	58	4
4800NE 4925NW	19	7	1
4850NE 5075NW	79	8	5
4850NE 5050NW	83	14	40
4900NE 4975NW	23	5	1
4900NE 4975NW A	49	164	3
4900NE 4950NW	16	8	1
4900NE 4925NW	63	13	1
STD C/AU-S	60	43	50

SAMPLE#	CU PPM	AS PPM	AU* PPB
4900NE 4900NW	87	6	5
4900NE 4875NW	25	2	1
4900NE 4800NW	16	5	1
4900NE 4750NW	58	14	1
4900NE 4725NW	89	50	3
4950NE 4975NW	36	30	1
4950NE 4975NW A	21	3	1
4950NE 4950NW	31	6	1
4950NE 4925NW	53	10	2
4950NE 4900NW	34	6	1
4950NE 4825NW	70	6	2
4950NE 4800NW	36	13	2
4950NE 4750NW	27	7	1
5000NE 4975NW	9	5	17
5000NE 4975NW A	10	8	1
5000NE 4950NW	8	3	1
5000NE 4825NW	33	7	1
5000NE 4800NW	71	21	20
5000NE 4750NW	67	22	6
5000NE 4700NW	60	65	2
5000NE 4675NW	53	32	2
5000NE 4650NW	71	8	1
5000NE 4625NW	16	12	1
5050NE 5405NW	22	12	2
5050NE 5390NW	10	3	1
5050NE 5375NW	35	13	1
5050NE 5350NW	31	19	2
5050NE 5325NW	23	10	1
5050NE 5300NW	46	18	2
5050NE 5275NW	58	23	6
5050NE 5250NW	63	34	7
5050NE 5225NW	22	11	3
5050NE 5200NW	11	7	2
5050NE 5175NW	36	19	1170
5050NE 5150NW	21	17	1
STD C/AU-S	61	42	51

SAMPLE#	CU PPM	AS PPM	AU* PPB
5050NE 5125NW	17	10	19
5050NE 5100NW	32	17	9
5050NE 5075NW	51	30	8
5050NE 5050NW	53	12	7
5050NE 5025NW	33	10	1
5050NE 4975NW	10	3	1
5050NE 4950NW	24	2	1
5050NE 4925NW	36	5	1
5050NE 4900NW	195	6	25
5100NE 5325NW	66	69	8
5100NE 5300NW	29	25	10
5100NE 5275NW	47	59	21
5100NE 5250NW	47	58	18
5100NE 5225NW	49	8	1
5100NE 5200NW	75	14	2
5100NE 5175NW	96	10	1
5100NE 5125NW	19	2	1
5100NE 5100NW	32	5	1
5100NE 5050NW	29	6	1
5100NE 5025NW	27	4	1
5100NE 4975NW	75	9	1
5100NE 4950NW	17	3	1
5100NE 4825NW	159	13	2
5100NE 4800NW	143	9	3
5100NE 4775NW	43	5	3
5100NE 4750NW	65	3	4
5100NE 4725NW	21	2	3
5100NE 4700NW	60	2	480
5100NE 4675NW	60	2	22
5150NE 5325NW	44	9	1
5150NE 5300NW	49	26	1
5150NE 5275NW	41	2	2
5150NE 5250NW	31	3	1
5150NE 5225NW	26	2	1
5150NE 5200NW	50	3	1
5150NE 5175NW	18	2	1
STD C/AU-S	59	41	50

SAMPLE#	CU PPM	AS PPM	AU* PPB
5150NE 5150NW	3	2	1
5150NE 5125NW	50	5	2
5150NE 5100NW	25	5	1
5150NE 5075NW	47	5	90
5150NE 5025NW	24	4	2
5150NE 5000NW	26	6	1
5150NE 4975NW	29	6	3
5150NE 4950NW	67	7	2
5150NE 4925NW	76	3	1
5150NE 4900NW	72	6	3
5150NE 4875NW	299	11	6
5200NE 6400NW	85	24	2
5200NE 6300NW	14	8	1
5200NE 6250NW	62	10	6
5200NE 6150NW	45	19	5
5200NE 6000NW	79	29	18
5200NE 5144NW	26	3	3
5200NE 5125NW	19	2	1
5200NE 5100NW	18	2	1
5200NE 5075NW	11	3	1
5200NE 5050NW	26	2	1
5200NE 5025NW	31	2	1
5200NE 4975NW	47	5	2
5200NE 4950NW	89	5	2
5200NE 4925NW	186	5	1
5250NE 5075NW	58	4	1
5250NE 5050NW	16	11	2
5250NE 5025NW	105	7	1
5250NE 4975NW	128	3	1
5250NE 4925NW	270	18	2
5250NE 4916NW	231	11	3
5300NE 5075NW	33	7	2
5300NE 5025NW	13	3	1
5300NE 4975NW	110	10	1
5300NE 4950NW	81	8	1
STD C/AU-S	57	38	52

SAMPLE#	CU PPM	AS PPM	AU* PPB
5300NE 4925NW	81	8	6
5300NE 4900NW	26	6	1
5350NE 5090NW	60	10	1
5350NE 5075NW	38	9	5
5350NE 5050NW	52	4	2
5350NE 5025NW	21	10	1
5350NE 4975NW	10	2	1
5350NE 4950NW	78	51	2
5400NE 5050NW	81	14	1
5400NE 5025NW	13	5	1
5400NE 4975NW	19	6	1
5400NE 4950NW	135	9	4
5400NE 4925NW	200	3	8
5400NE 4900NW	88	8	2
5400NE 4875NW	110	19	42
5400NE 4850NW	29	6	2
5400NE 4825NW	47	9	1
5400NE 4800NW	10	3	1
5450NE 5050NW	48	13	2
5450NE 5025NW	25	4	1
5450NE 4975NW	47	4	3
5450NE 4950NW	18	6	1
5450NE 4900NW	68	9	1
5500NE 5050NW	18	3	1
5500NE 5025NW	10	2	1
5500NE 4975NW	19	3	1
5500NE 4950NW	51	10	1
5500NE 4925NW	8	3	1
5500NE 4900NW	18	7	1
5500NE 4850NW	8	2	1
5500NE 4800NW	17	6	122
5550NE 5097NW	31	10	1
5550NE 5075NW	41	3	1
5550NE 5050NW	20	4	1
5550NE 5025NW	21	23	1
5550NE 4975NW	33	7	1
STD C/AU-S	57	41	48

SAMPLE#	CU PPM	AS PPM	AU* PPB
5550NE 4950NW	17	4	2
5550NE 4925NW	24	2	2
5550NE 4900NW	11	2	1
5550NE 4875NW	25	2	1
5550NE 4850NW	46	3	2
5600NE 5150NW	57	8	1
5600NE 5050NW	11	2	1
5600NE 5025NW	27	4	7
5600NE 4950NW	33	4	4
5600NE 4925NW	16	2	2
5650NE 5075NW	160	16	3
5650NE 5025NW	5	3	27
5650NE 4950NW	109	8	4
5650NE 4925NW	49	7	1
5700NE 5100NW	283	16	12
5700NE 5075NW	81	6	14
5700NE 5025NW	35	3	2
5700NE 4975NW	24	5	4
5700NE 4950NW	13	3	2
5700NE 4925NW	10	2	1
5750NE 5050NW	100	8	5
5750NE 5025NW	55	8	6
5750NE 4975NW	59	6	1
5750NE 4950NW	14	2	3
5800NE 5025NW	223	2	69
5800NE 4975NW	30	2	4
5850NE 4975NW	53	6	1
5850NE 4950NW	43	4	3
5900NE 5050NW	61	2	2
5950NE 5070NW	70	4	2
5950NE 5050NW	20	4	4
5950NE 5025NW	17	3	4
5950NE 4975NW	96	8	13
6000NE 5075NW	27	2	2
6000NE 5050NW	26	5	1
6000NE 5025NW	11	5	4
STD C/AU-S	59	39	51

SAMPLE#	CU PPM	AS PPM	AU* PPB
6000NE 4975NW	10	2	1
6000NE 4950NW	51	9	2
6000NE 4930NW	22	2	6
6050NE 5075NW	118	4	1
6050NE 4975NW	43	5	2
6100NE 5175NW	32	4	3
6100NE 5150NW	36	5	1
6100NE 5125NW	37	7	2
6100NE 5100NW	42	7	1
6150NE 5200NW	38	5	3
6150NE 5175NW	33	3	1
6150NE 5150NW	27	6	3
6150NE 5125NW	14	2	1
6150NE 4925NW	64	4	1
6200NE 5250NW	66	5	2
6200NE 5150NW	12	2	1
6200NE 5125NW	37	11	2
6200NE 5100NW	35	9	1
6200NE 5075NW	43	9	1
6200NE 5025NW	41	7	3
6200NE 4975NW	19	20	1
6200NE 4950NW	60	28	4
6200NE 4925NW	40	7	1
6200NE 4900NW	24	4	5
6200NE 4875NW	40	5	1
6250NE 5250NW	43	3	2
6250NE 5225NW	67	10	5
6250NE 5175NW	13	2	1
6250NE 5150NW	16	6	1
6250NE 5100NW	49	11	1
6250NE 5050NW	17	2	1
6250NE 5025NW	16	7	1
6250NE 4025SE	49	6	1
6250NE 4050SE	41	7	1
6250NE 4075SE	33	37	2
6250NE 4750SE	36	3	1
STD C/AU-S	58	37	48

SAMPLE#	CU PPM	AS PPM	AU* PPB
6250NE 4775SE	23	8	2
6250NE 4800SE	34	5	1
6250NE 4825SE	71	6	2
6250NE 4850SE	49	4	1
6250NE 4900SE	38	9	1
6300NE 5500NW	22	11	1
6300NE 5475NW	22	5	13
6300NE 5450NW	55	2	1
6300NE 5425NW	33	4	1
6300NE 5400NW	58	4	6
6300NE 5350NW	48	17	490
6300NE 5300NW	64	18	8
6300NE 5275NW	45	14	1
6300NE 5250NW	41	24	6
6300NE 5225NW	21	8	1
6300NE 5200NW	19	7	1
6300NE 5175NW	14	3	1
6300NE 5140NW	231	391	970
6300NE 5125NW	39	12	1
6300NE 5100NW	47	5	1
6300NE 5075NW	41	6	3
6300NE 5050NW	25	9	1
6300NE 5025NW	31	11	12
6300NE 4975NW	30	9	3
6300NE 4950NW	41	11	1
6300NE 4925NW	42	10	10
6300NE 4900NW	21	6	1
6300NE 4875NW	12	2	1
6300NE 4850NW	67	12	1
6300NE 4825NW	38	9	1
6300NE 4800NW	94	11	1
6300NE 4775NW	65	6	2
6300NE 4750NW	97	8	1
6350NE 5550NW	26	7	1
6350NE 5525NW	24	5	1
6350NE 5500NW	22	6	83
6350NE 5475NW	28	5	2
STD C/AU-S	59	41	48

SAMPLE#	CU PPM	AS PPM	AU* PPB
6350NE 5450NW	21	2	1
6350NE 5425NW	17	2	3
6350NE 5400NW	95	2	3
6350NE 5375NW	20	2	49
6350NE 5325NW	42	6	3
6350NE 5325NW A	14	2	4
6350NE 5275NW	49	30	4
6350NE 5225NW	26	5	9
6350NE 5175NW	28	4	1
6350NE 5150NW	35	3	1
6350NE 5125NW	30	2	1
6350NE 5100NW	21	7	1
6400NE 5500NW	27	2	1
6400NE 5475NW	31	2	2
6400NE 5425NW	33	6	25
6400NE 5375NW	35	5	15
6400NE 5350NW	57	6	3
6400NE 5325NW	36	2	21
6400NE 5275NW	28	8	3
6400NE 5250NW	20	16	6
6400NE 5225NW	26	11	1
6400NE 5200NW	33	4	3
6400NE 5175NW	40	4	3
6400NE 5150NW	20	2	2
6400NE 5125NW	32	5	6
6450NE 5550NW	116	2	6
6450NE 5525NW	8	2	1
6450NE 5500NW	17	2	5
6450NE 5475NW	13	5	3
6450NE 5450NW	25	3	1
6450NE 5425NW	41	2	1
6450NE 5400NW	22	6	5
6450NE 5375NW	16	2	1
6450NE 5350NW	18	4	1
6450NE 5325NW	37	2	2
6450NE 5275NW	23	2	1
STD C/AU-S	57	42	50

SAMPLE#	CU PPM	AS PPM	AU* PPB
6450NE 5250NW	9	3	1
6500NE 5550NW	56	3	1
6500NE 5475NW	7	6	9
6500NE 5425NW	22	4	3
6500NE 5375NW	15	2	1
6500NE 5350NW	17	3	1
6500NE 5325NW	12	5	73
6500NE 5275NW	31	7	4
6500NE 5250NW	32	7	9
6500NE 5225NW	20	4	1
6500NE 5200NW	10	2	2
6550NE 5525NW	18	2	1
6550NE 5500NW	29	2	1
6550NE 5475NW	39	5	4
6550NE 5450NW	27	69	143
6550NE 5425NW	41	9	3
6550NE 5400NW	24	4	7
6550NE 5375NW	11	3	1
6550NE 5350NW	5	2	1
6550NE 5325NW	42	3	2
6600NE 5550NW	27	2	1
6600NE 5500NW	8	2	1
6600NE 5475NW	9	2	1
6600NE 5450NW	57	10	4
6600NE 5400NW	28	19	2
6600NE 5375NW	57	14	1
6600NE 5350NW	32	12	28
6600NE 5325NW	44	12	3
6600NE 5275NW	18	2	1
6600NE 5250NW	10	3	1
6600NE 5225NW	10	2	1
6600NE 5200NW	31	9	1
6650NE 5550NW	9	2	1
6650NE 5525NW	3	2	1
6650NE 5500NW	21	2	1
6650NE 5475NW	23	3	1
STD C/AU-S	58	42	48

SAMPLE#	CU PPM	AS PPM	AU* PPB
6650NE 5450NW	9	2	1
6650NE 5425NW	9	2	1
6650NE 5400NW	7	2	2
6650NE 5375NW	3	2	38
6650NE 5350NW	33	2	161
6650NE 5325NW	30	2	5
6650NE 5275NW	3	2	2
6650NE 5250NW	16	2	3
6650NE 5225NW	6	2	1
6650NE 5200NW	27	2	1
6700NE 5500NW	10	2	1
6700NE 5475NW	30	2	4
6700NE 5450NW	7	2	1
6700NE 5425NW	27	6	1
6700NE 5400NW	13	2	2
6700NE 5325NW	38	7	9
6700NE 5275NW	49	2	1
6700NE 5250NW	7	2	1
6700NE 5225NW	6	2	2
6700NE 5200NW	19	5	1
6750NE 5525NW	6	2	1
6750NE 5500NW	15	2	2
6750NE 5475NW	15	2	11
6750NE 5450NW	9	2	1
6750NE 5400NW	24	2	3
6750NE 5375NW	15	8	2
6750NE 5350NW	35	2	1
6750NE 5325NW	29	5	1
6750NE 5275NW	23	4	2
6750NE 5250NW	32	2	1
6750NE 5225NW	15	2	2
6750NE 5175NW	8	2	5
6800NE 5500NW	6	2	1
6800NE 5475NW	6	2	3
6800NE 5450NW	12	2	1
6800NE 5400NW	27	19	3
STD C/AU-S	58	41	53

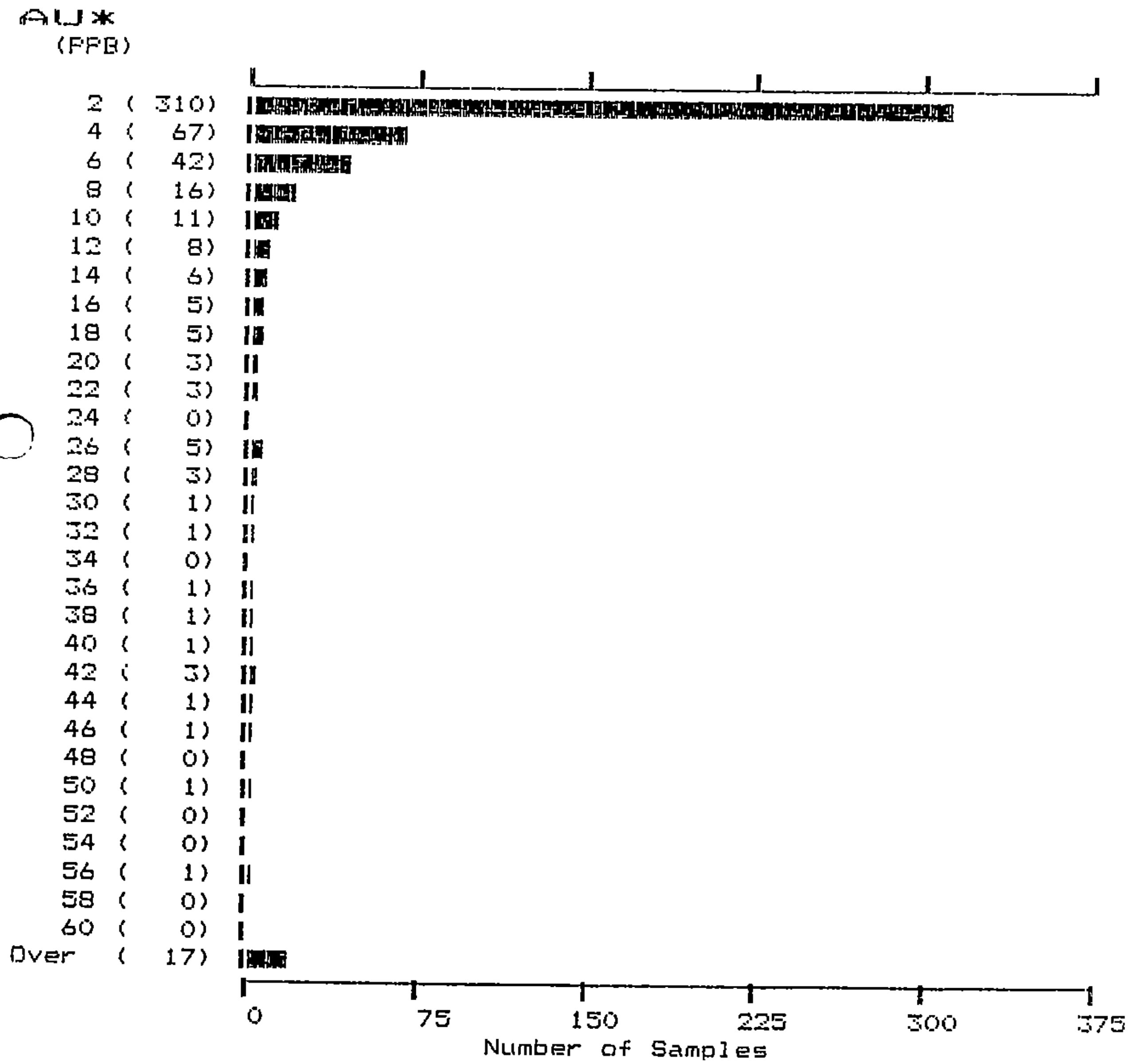
SAMPLE#	CU PPM	AS PPM	AU* PPB
6800NE 5375NW	11	6	2
6800NE 5325NW	30	5	3
6800NE 5300NW	8	2	1
6800NE 5225NW	8	7	4
P-001	143	15	3200
P-002	68	8	25
P-003	280	326	360
STD C	57	43	-

SAMPLE#	CU PPM	AS PPM	AU* PPB
SSP-001 (-80)	88	26	5
SSP-002 (-80)	33	26	107
SSP-003A (-80)	64	821	12
SSP-003B (-80)	52	761	9
SSP-004A (-80)	64	108	4
SSP-004B (-80)	60	97	1
SSP-005 (-80)	93	88	13
SSP-006A (-80)	70	108	9
SSP-006B (-80)	71	121	3
SSP-007 (-80)	51	32	105
SSP-008 (-80)	63	46	17
SSP-009A (-80)	59	93	30
SSP-009B (-80)	76	125	40
SSP-010 (-80)	49	6	2
STD C/AU-S	60	42	51

SAMPLE	Au* ppb
SSP-001 (+80)	1
SSP-002 (+80)	11
SSP-003A (+80)	13
SSP-003B (+80)	11
SSP-004A (+80)	3
SSP-004B (+80)	4
SSP-005 (+80)	8
SSP-006A (+80)	2
SSP-006B (+80)	3
SSP-007 (+80)	1
SSP-008 (+80)	3
SSP-009A (+80)	6
SSP-009B (+80)	8
SSP-010 (+80)	1

SAMPLE	Au* ppb
RSP-001	23200
RSP-002	3680
RSP-003	12
RSP-004	18400
RSP-005A	5
RSP-005B	16
RSP-006	6

PIERCE MOUNTAIN (87-2603)

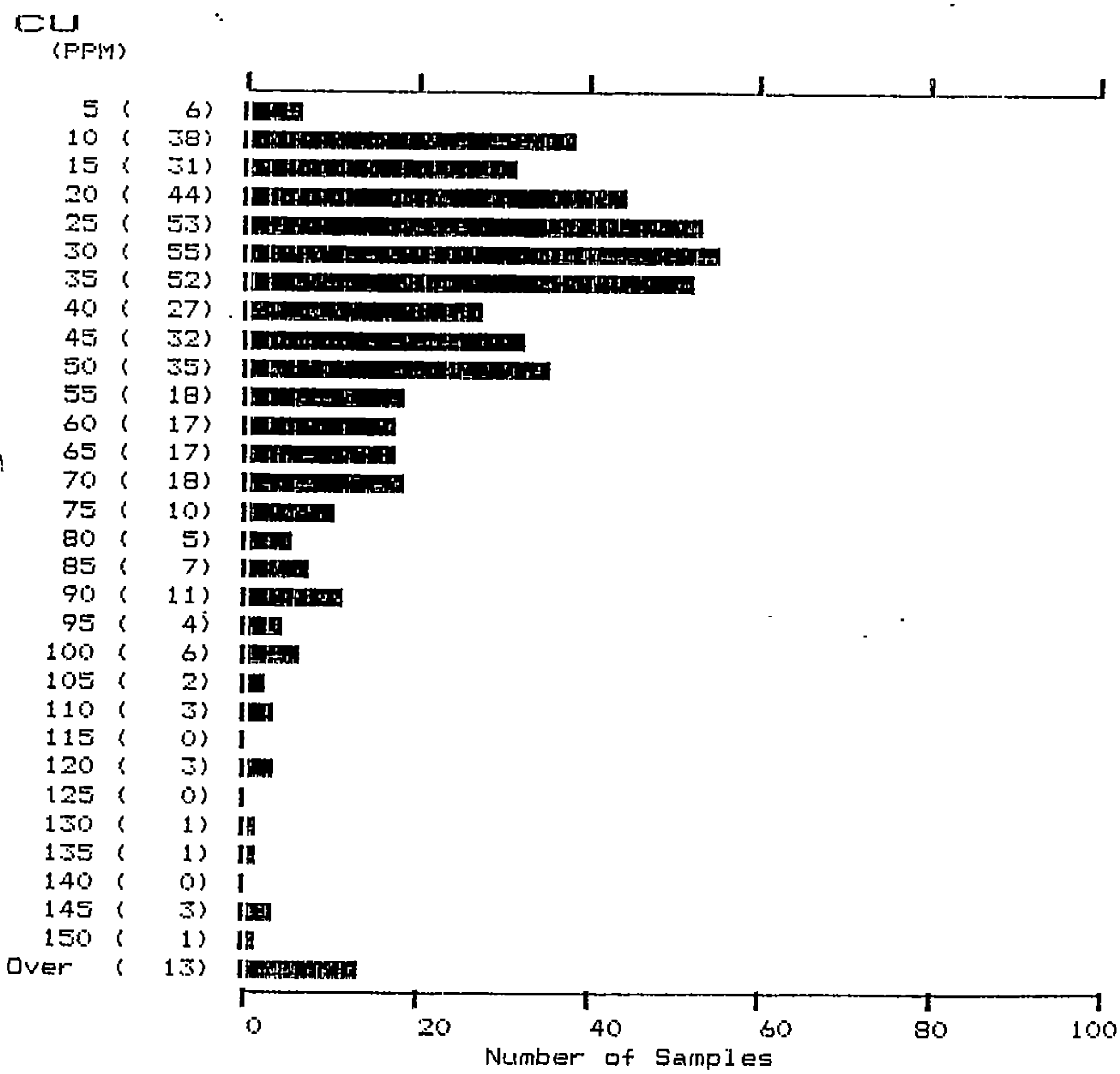


513 Samples

Maximum: 3200
Minimum: 1

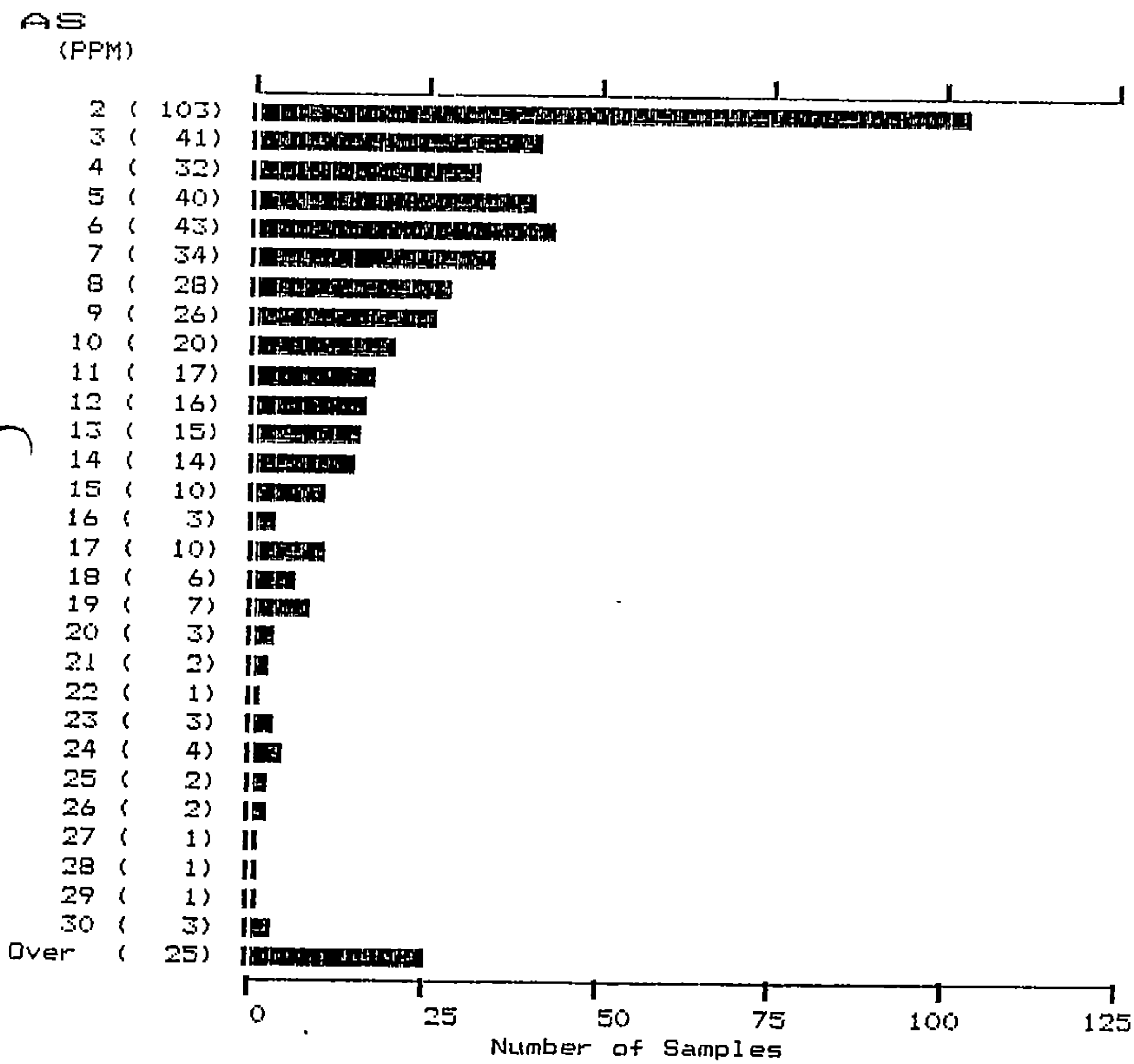
Mean: 22
Median: 2
Standard Deviation: 166

PIERCE MOUNTAIN (87-2603)



513 Samples	Maximum:	299		Mean:	44
	Minimum:	3		Median:	33
				Standard Deviation:	39

PIERCE MOUNTAIN (87-2603)



513 Samples

Maximum: 391
Minimum: 2

Mean: 11
Median: 6
Standard Deviation: 26

APPENDIX B

Survey Methods

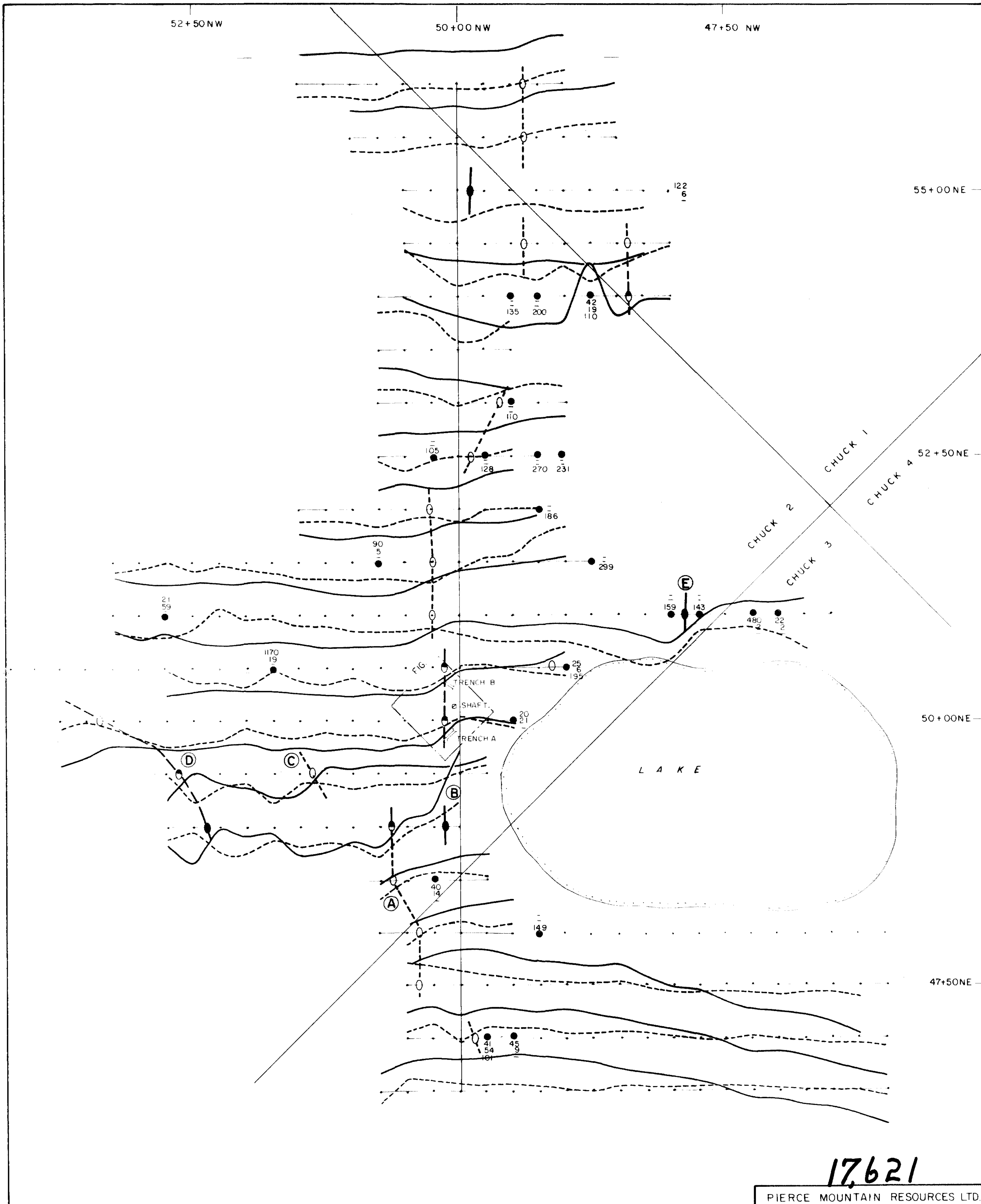
Geophysical Surveys

The VLF-Em survey was conducted with a Geonics EM-16 VLF-Em receiver which employed a the Cutler, Maine crystal. Readings were collected at survey stations by facing the transmitter station and turning 90° right to obtain dip angles. Dip angles and quadrature values were plotted on Figures 4a through 4c with conductor axes interpreted by E. R. Rockel of Interpretex Resources Ltd. and important conductor systems label to aid discussion.

The grid areas were surveyed with a Geometrics G-816 total field, proton precession magnetometer with readings tied to a base station at 50+00NE and 50+00NW. Readings collected at 25 meter stations were corrected for diurnal variation using the standard tie back method. Corrected total field magnetic values were contoured on Figures 3a through 3c.

Geochemical Surveys

A total of 76 stream sediment samples were collected from the area around and including the Pierce Mountain Property. Gold values and sample locations are shown on Figure 7 with atomic absorption results for Cu, Ag, As, Sb, Bi and Au presented on certificates of analyses in Appendix A. Silt samples were shipped to Acme Analytical Laboratories in Vancouver, B.C. for analyses. A total of 548 soil samples were collected at 25 meter intervals over grid areas. The soil samples were collected from a red-brown "B" horizon which was sampled at a depth of about 25 cm by using a mattock. Samples were placed in Kraft paper bags, dried and shipped to Acme Analytical Laboratories for Cu, Ag, As, Sb, Bi and Au atomic absorption geochemical analysis. Anomalous results are plotted on Figures 4a through 4c. Rock samples were collected from quartz vein material with 10 to 50% sulphide content collected from old workings and prospect pits within the grid areas. Samples were analyzed by ICP or atomic absorption with check fire assays of high gold values. Rock sample locations and significant analytical results is summarized in Figures 4a through 4c, Figure 5 and Figure 6. Certificates of analysis for rock samples are presented in Appendix A. showing on



FOR LEGEND SEE NORTH HALF.

17,621

PIERCE MOUNTAIN RESOURCES LTD.

MT. PIERCE PROPERTY

VLF - EM PROFILES

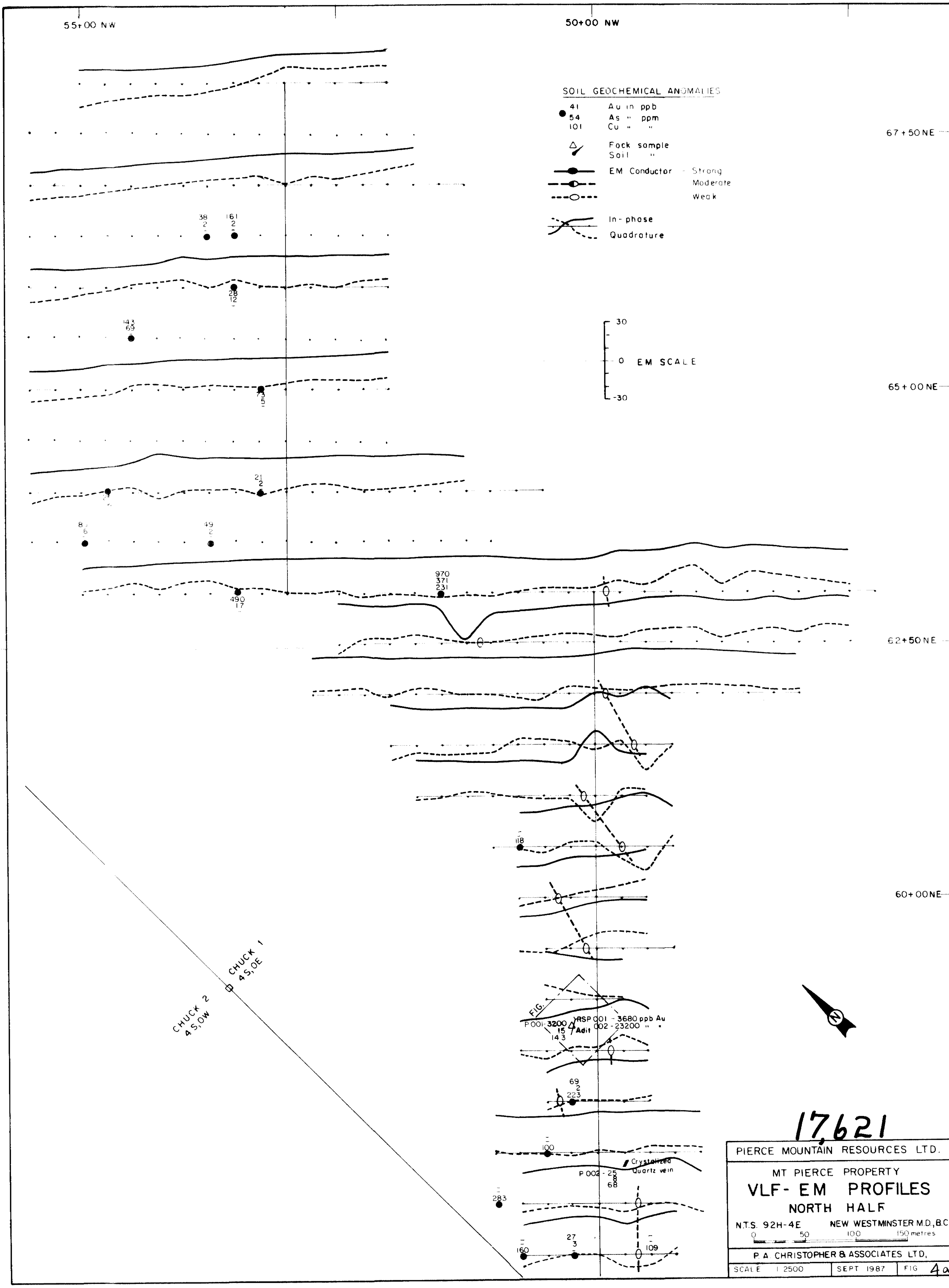
SOUTH HALF

N.T.S. 92H-4E NEW WESTMINSTER M.D., B.C.

0 50 100 150 metres

P.A. CHRISTOPHER & ASSOCIATES LTD.

SCALE 1:2500	SEPT 1987	FIG 4b



PIERCE MOUNTAIN RESOURCES LTD.

MT PIERCE PROPERTY

VLF-EM PROFILES

NORTH HALF

N.T.S. 92H-4E NEW WESTMINSTER M.D., B.C.

0 50 100 150 metres

P.A. CHRISTOPHER & ASSOCIATES LTD.

SCALE 1:2500	SEPT 1987	FIG 4a