ARIS SUMMARY SHEET

istrict Geologist, Kamloops Off Confidential: 89.05.11

ASSESSMENT REPORT 17386 MINING DIVISION: Vernon

ROPERTY: Hilton
LOCATION: LAT 50 10 53 LONG 118 32 22
UTM 11 5559714 390086
NTS 082L02E
CLAIM(S): Snafu,Cover Up
OPERATOR(S): Ashworth Ex.
UTHOR(S): ;Yacoub, F.F.
EPORT YEAR: 1987, 28 Pages
COMMODITIES
EARCHED FOR: Gold,Silver,Lead,Zinc
EOLOGICAL
SUMMARY: The claims are underlain by Paleozoic andesite flows and tuffs, argillite, greywacke, quartzite and limestone. Later stage felsite and lamprophyre dykes intrude sediments parallel to bedding (255/55S). Quartz pods mineralized with galena and sphalerite occur within east striking shears.
ORK
ONE: Geological,Geochemical
GEOL 125.0 ha
ROCK 22 sample(s) ;ME
INFILE: 082LSE

GEOLOGICAL/GEOCHEMICAL REPORT

ON THE

HILTON CLAIM GROUP

VERNON MINING DIVISION
NTS 82I/2
Lat. 50° 10' N
LONG. 118° 35' W

Owner and Operator
ASHWORTH EXPLORATIONS LIMITED

Report By
Fayz F. Yacoub, Geologist
Peter D. Leriche, Geologist
ASHWORTH EXPLORATIONS LIMITED

Submitted
June 1987

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INTRODUCTION

This report summarizes work done by Ashworth Explorations Limited from May 26 1987 to May 29 1987 on the Hilton Claim Group, Cherryville, B.C. Work consisted of prospecting, mapping, and sampling of known showings.

The Hilton Claim Group is 100% owned and operated by Ashworth Explorations Limited. Pertinent claim data is as follows:

CLAIM NAME	# OF UNITS	RECORD #	EXPIRY DATE
Snafu	4	845	May 12, 1988
Carryon	2	844	May 12, 1988
Carryon Two	2	850	May 16, 1988
Election I	1	2173	Nov. 13, 1988
Cover Up	1	2251	Mar. 24, 1989
Dutchman	20	2290	June 24, 1988
Hilton	12	2291	June 24, 1988
Heck	1	2292	June 24, 1988

LOCATION AND ACCESS

The property is located along Highway No. 6 approx. 9.5km southeast of the town of Cherryville. It lies within the Vernon Mining Division on NTS mapsheet 82L/2.

Access is along Highway No. 6 which passes through the claims. Several secondary dirt roads lead from the Highway to all parts of the claims (Figures 1 and 2).

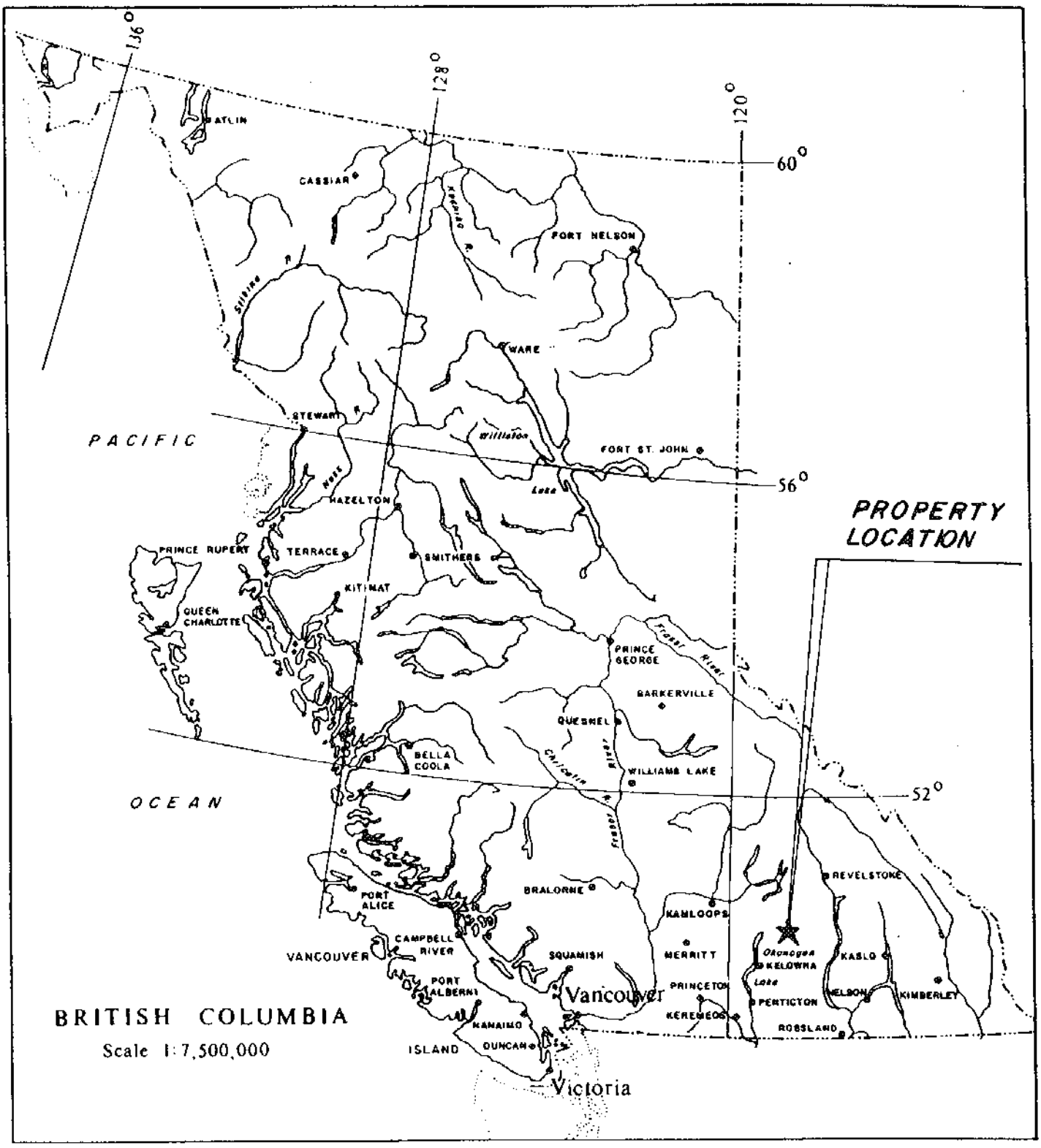
PHYSIOGRAPHY AND VEGETATION

The property is covered by coniferous trees and light underbrush.

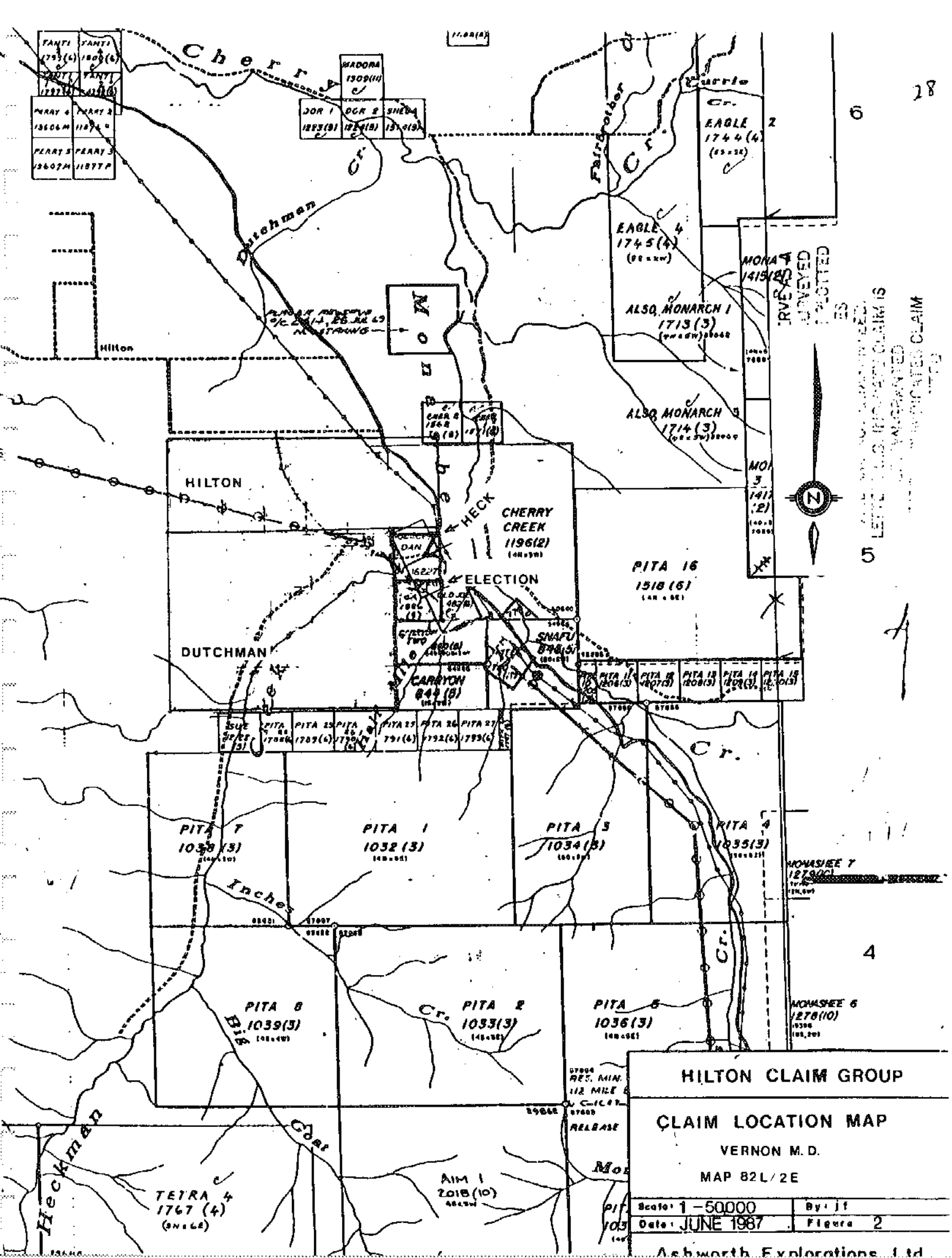
Elevations range from 705.5 meters to 1303 meters giving a total relief of 597.5 meters (1971.75 feet). Slopes are generally gentle to moderate. The exception is the southeast corner of the property, which is steep.

PREVIOUS WORK

Prospecting and geochemical work were performed by Mr. T. Archibald, prospector, in 1980. Two small grids were laid out on the Snafu and Carryon Two claims. Altogether, 130 soil samples were taken and analyzed for arsenic and mercury. Arsenic values were low on both grids. Mercury values on the Carryon Two grid gave four anomalies over 100ppb with the highest 300ppb. On the Snafu grid there were five Mercury anomalies over 100ppb with the highest 250ppb.



HILTON CLAIM GROUP	
GENERAL LOCATION MAP	
VERNON M.D	
NTS 82L / 2E	
Scale: 1 : 7 500 000	By:
Date: JUNE 1987	Figure 1
Ashworth Explorations Ltd.	



HILTON CLAIM GROUP

CLAIM LOCATION MAP

VERNON M.D.

MAP 82L/2E

Scale: 1 – 50000	By: jf
Date: JUNE 1987	Figure 2

Ashworth Explorations Ltd.

A bulldozed trench was cut on the Snafu claim in 1983 to investigate a rock geochem anomaly of 1.23oz/ton Au, 6.20oz/ton Ag, 4.20% Pb and 1.86% Zn. The highest samples from the trench were from a quartz vein mineralized with galena within a fault. Values from these samples were 4.610oz/ton Au, 6.98oz/ton Ag, and 0.403oz/ton Au, 36.50oz/ton Ag (see Appendix C, figure 3).

A geological survey carried on in 1983 reconfirmed the high results from the bulldozed trench. Five rock samples were taken from the bulldozed trench and scree. All five were anomalous (Appendix C, figure 3) with the highest being 1.424oz/ton Au, 11.66oz/ton Ag and 5.25% pb. A sixth sample was taken from a pyrrhotite rich felsite dyke, 1.0km to the southwest. This sample yielded an anomalous gold value of 0.010oz/ton.

GEOLOGY

The property is underlain by Paleozoic Cache Creek andesite flows and tuffs with minor argillite, greywacke, quartzite and limestone interbeds. Thus far, mapping has been confined to the Snafu and Carryon 1 and 2 claims. Outcrop is sparse due to overburden cover.

The andesite unit occurs on the Carryon Claims and consists of pale to medium green flows and tuffs. Limestone interbeds or seams one to six centimeters are common within the andesite. A later stage felsite dyke occurs within the andesite and contains 2-3% pyrrhotite and minor pyrite.

The area near the bulldozed trench and along Highway No. 6 is underlain by argillites, greywackes and cherty seams 1.0cm thick. Attitude of the bedding is 255°/55S. Intruding the sediments is a Lamprophyre dyke and sill. These are highly altered and contain 5% biotite. The dyke is approx. 4.0m wide and trends at 248°. The intrusion of these dykes is probably related to faulting and emplacement of mineralized quartz veins and pods.

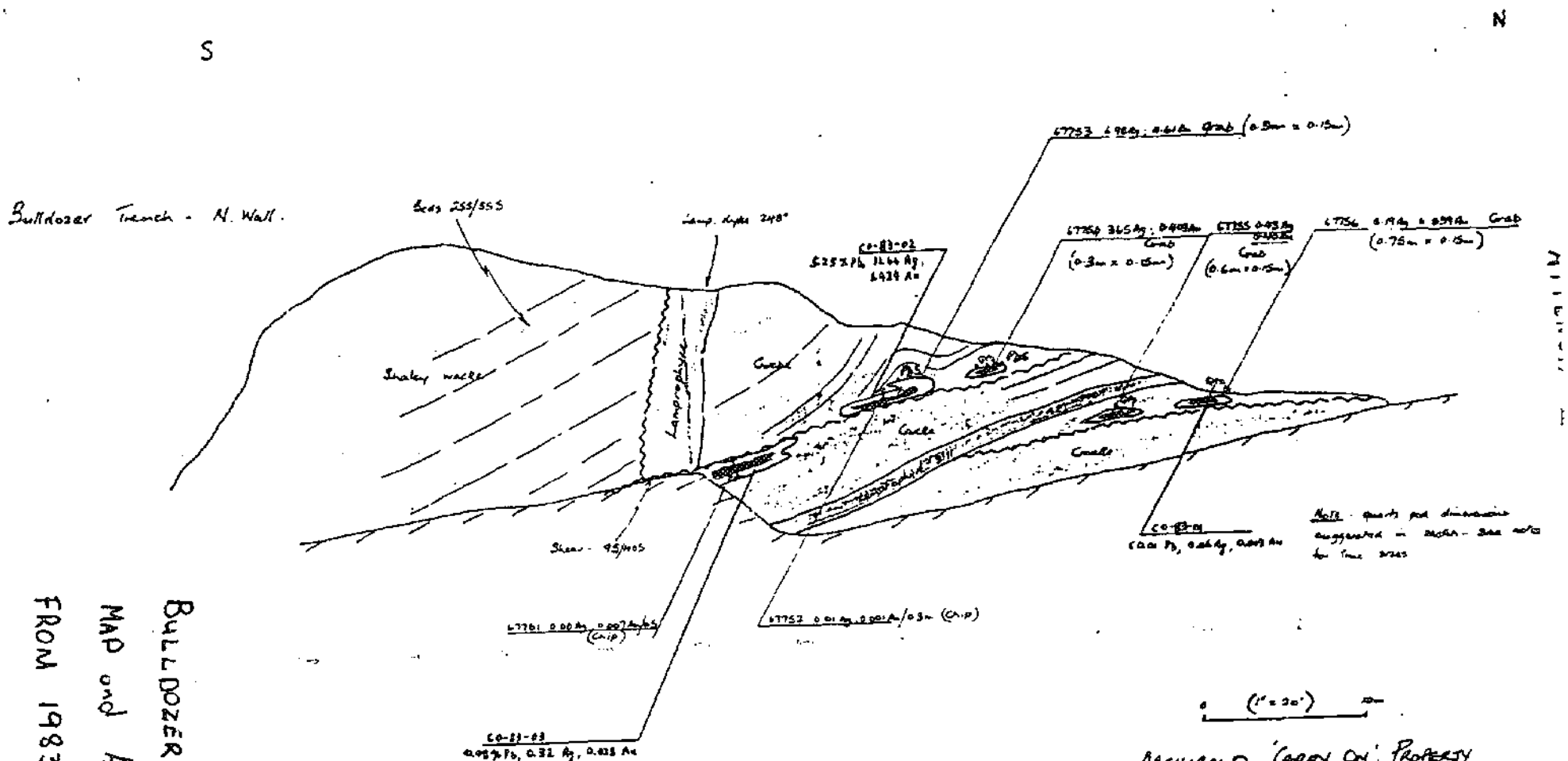
Quartz pods mineralized with galena and carrying economic quantities of gold and silver occur within shears strikings at 90° and dipping 40° south.

PROPERTY VISIT

The 1987 program by Ashworth Explorations Limited consisted of geological prospecting and sampling, mapping and sampling the bulldozed trench, and tracing possible strike extensions from the trench.

Geological mapping was performed on physical workings and outcrops underlying a powerline which transects the Snafu, Cover Up, and Carryon Two claims. Maps of the workings are presented at scales of 1:50 and 1:200 (Figures 5,6,7).

A total of 22 rock samples were taken and sent to Bondar Clegg and Company Ltd for gold and multi-element ICP analysis. See Appendix A for Analytical



ARCHIBALD 'CARRY ON' PROPERTY
GERRYVILLE AREA.
KAMLOOPS M.D. B.C.
NTS 82 L/2
DIAGRAMMATIC SECTION - SKETCH
(VIEW - WEST)
I. M. WATSON & ASSOCIATES LTD. JAN '88.

BULLDOZER TRENCH
MAP and ASSAYS
FROM 1983 FIELDWORK
Fig 3

Results, Appendix B for Sample Descriptions and Appendix C for Analytical Techniques. Sample locations and gold, silver, lead and zinc assays are plotted on Figures 5, 6, and 7.

Bulldozer Trench Showing - (Figure 5). This is clearly exposed in the bank along Highway No. 6 under the powerlines. Rock types consist of laminated shale and argillites intruded by silicified volcanic sills and felsite dykes. A discontinuous quartz vein 20cm wide follows the bedding planes (90/45S). This vein is rusty and contains disseminated pyrite and galena. Altogether 12 samples were taken from this trench, 3 of which gave very high results. Sample R-7 (2.203oz/ton Au, 4.30oz/ton Ag, 1.96% Pb) was taken from 60cm of wallrock adjacent to a quartz vein. The wallrock was rusty silicified and charged with galena and pyrite. Sample R-8 (8500 ppb Au, 12.64oz/ton Ag, 7.95% Pb) was taken from a rusty 20cm wide quartz containing galena and pyrite. The third anomalous sample (R19 - 1850ppb Au, 1.7 ppm Ag, 275 ppm Pb, 89 ppm Zn) was taken across 25cm of silicified shale and quartz vein and is mineralized with galena.

Number 1 showing - (Figure 6) - This is located approx. 300m northwest of the Bulldozer Showing beneath the power line. This outcrop consists of laminated shale, argillite and chert bands hosting quartz veins 5 to 10 cm wide. The veins are discontinuous, often breaking up in the soft sheared sediment host. Four samples were taken in this area, two of which gave high values. Sample R-9 (480ppb Au, 3.5ppm Ag, 1761ppm Pb, 305ppm Zn) was taken across 30cm of silicified, sheared shales with no obvious mineralization. Sample R-10 (200ppb Au, 9.6ppm Ag, 2779ppm Pb, 378ppm Zn) was taken across rusty silicified shale and quartz vein.

Number 2 showing - (Figure 7) - This area is approx. 300m northwest of the Number 1 showing underneath the powerline. Outcrop consisted of sheared and altered shale, disseminated with pyrite. Silicified volcanic sills occur along bedding planes at 100/60S. A 1.2m wide quartz vein containing 2-3% pyrite is barely exposed at the east end of the outcrop. One sample (R-17) taken from this vein assayed low in all metals.

Number 3 showing - This outcrop is 250m northwest of showing 2. Exposed rock is mainly volcanic feldspar porphyry in contact with sheared and altered sediments. The feldspar porphyry (Lamprophyre) contains over 5% biotite and is mineralized with disseminated pyrite. Sample R-18 (140ppb Au, >2000ppm As) was taken accross 60 centimentes of this zone.

Samples R13 to R16 were taken from small outcrops close to showing 1 (see figure 4). The only significant value was 85ppb Au from sample R-14.

CONCLUSION AND RECOMMENDATIONS

The 1987 work program re-confirmed very high values in gold, silver and lead within the bulldozed trench. Anomalous values in gold, silver, lead and arsenic were encountered in outcrops, up to 850m northwest of the bulldozed trench. No outcrop was found between the individual showings. There is a strong possibility that mineralized quartz veins and shales occur beneath the overburden between the showings.

Another point of encouragement is that the wallrock carries high values in precious metals. For example sample R-7 taken across 60cm of wallrock assayed higher in gold, silver and lead than sample R-8, taken directly from a 20cm wide mineralized quartz vein.

Very little previous work has been performed on the claims. With this in mind, the claim group in considered to have good potential for hosting economic precious metal mineralization.

The following program is recommended:

PHASE I

1. Layout a chain and picket grid over the anomalous area.

2. Perform detailed soil sampling and geological mapping on the grid.

3. Perform VLF-EM and magnetometer surveys on the grid to delineate mineralized vein structures and dykes.

4. Backhoe trenching to expose more outcrop adjacent to the anomalous areas.

5. Perform a prospecting and sampling program on the remainder of the claims.

Total cost for Phase I would be approx. $70,000

Phase II would consist of more trenching, drilling, and followup work from the prospecting program.

PROPOSED BUDGET FOR

HILTON CLAIM GROUP

Project Preparation		$ 2,000.00
FIELD CREW		
Project Geologist $300/day x 14	$ 4,200	
Geologist $275/day x 14	3,850	
Two Geo-Technicians $190/day x 28 mandays	5,320	
Mob/Demob	800	$ 14,170.00
FIELD COSTS		
Room and Board $85/day x 56 mandays	$ 4,760	
Truck Rental $125/day x 16 days	2,000	
Geophysical Instrument Rental		
Magnetometer and VLF $150/day x 8 days	1,200	
Communications $35/day x 14days	490	
Supplies	900	$ 9,350.00
TRENCHING CONTRACTOR		
$170/hr x 10hrs/day (including machine, operator)		
Fuel, Room and Board x 8days	$13,600	
Mob-Demob	800	$ 14,400.00
LAB ANALYSIS say 900 samples @ $16/sample		$ 14,400.00
SUPERVISION AND REPORT		
Supervision 3days @ $450/day	$ 1,350	
Report Interpretation and Writing	5,000	
Maps and Drafting	700	
Word Processing, Copying, etc.	500	$ 7,550.00
Sub-Total		$ 61,870.00
Administration 15%		9,280.50
TOTAL		$ 71,150.50

ITEMIZED COST STATEMENT

CARRY ON CLAIM GROUP

(Geologist, Geotechnician; May 27, 28, 29/1987; three days in field)

Project Preparation		$ 325
Mob/Demob (includes transportation, freight, and wages)		$ 1,470
Field Crew:		
Geologist $275/day x 3 days	$ 825	
Geotechnician $210/day x 3 mandays	630	
		$ 1,455
Field Costs:		
Food and Accommodation $70/day x 6 mandays	$ 420	
Communications $25/day x 3 days	75	
Supplies	150	
4x4 Trucks $110/day x 3 days	330	
		$ 995
Lab Analysis:		
22 Rock samples @ $23/sample (multi-element ICP Fire Assay Gold)		$ 506
Report Costs:		
Report Writing	$ 650	
Map plotting and Drafting	300	
Word Processing, Copying, Binding	250	
		$ 1,200
Total		$ 5,951

CERTIFICATE

I, Fayz F. Yacoub, do hereby certify:

(1) That I am a graduate in Geology and Chemistry from Assuit University, Egypt (B.Sc. 1967), and Mining Exploration Geology of the International Institute for Aerial Survey and Earth Sciences (I.T.C.), Holland (Diploma 1978).

(2) That I have practised the geological profession for the past fourteen years.

(3) That the information, opinions and recommendations in the attached report are based on personal observations on the Hilton Claim Group in the period May 26 and May 29, 1987, and from general reference material.

Respectfully submitted,

Fayz F. Yacoub

Dated at Vancouver, British Columbia
June 22, 1987

CERTIFICATE

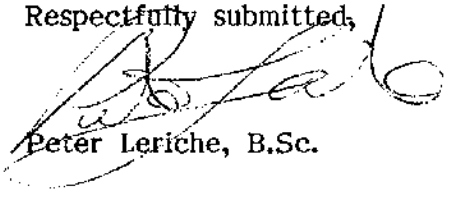
I, Peter D. Leriche, of 3612 W. 12th Ave., Vancouver, B.C. V6K 2R7, do hereby state that:

(1) I am a graduate of McMaster University, Hamilton, Ontario with a Bachelor of Science Degree in Geology, 1980.

(2) I have actively pursued my career as a geologist for nine years in British Columbia, Ontario, Yukon and Northwest Territories, Arizona, Nevada and California.

(3) I supervised the field work and report writing on the Hilton Claim Group for Ashworth Explorations Limited.

Respectfully submitted,



Peter Leriche, B.Sc.

Dated at Vancouver, British Columbia
this 22nd day of June, 1987

Bondar-Clegg & Company Ltd.
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Geochemical Lab Report

SAMPLE NUMBER	ELEMENT UNITS	Cu PPM	Pb PPM	Zn PPM	[illegible] PPM	[illegible] PPM	Ni PPM	[illegible] PPM	[illegible] PPM	Cd PPM	Ag PPM	Bi PPM
T1 C.0.87.S-1		23	20	25	[illegible]	3	[illegible]	5	313	<1	<0.5	[illegible]
T1 C.0.87.S-2		25	20	105	1	[illegible]	[illegible]	[illegible]	210	<1	<0.5	<2
T1 C.0.87.S-3		22	25	60	<1	1	[illegible]	6	190	[illegible]	<0.5	<2
T1 C.0.87.S-4		28	5	59	1	9	22	19	504	<1	<0.5	2
R2 C.0.87-R01		12	13	45	[illegible]	3	32	99	298	[illegible]	<0.5	2
R2 C.0.87-R02		12	16	52	[illegible]	3	44	17	1134	1	<0.5	2
R2 C.0.87-R03		15	22	53	1	4	67	[illegible]	907	2	<0.5	3
R2 C.0.87-R04		29	15	78	[illegible]	5	111	[illegible]	717	<1	<0.5	<2
R2 C.0.87-R05		[illegible]	19	85	1	5	[illegible]	[illegible]	1025	<1	[illegible]	3
R2 C.0.87-R06		36	10	53	2	4	49	51	444	2	[illegible]	4
R2 C.0.87-R07		47	>10000	4200	[illegible]	[illegible]	[illegible]	137	282	[illegible]	[illegible]	4
R2 C.0.87-R08		104	>10000	12100?	5	3	18	122	308	347	>50.0?	[illegible]
R2 C.0.87-R09		41	1701	205	1	5	31	67	400?	31	2.5	[illegible]
R2 C.0.87-R10		37	2779	378	1	6	64	114	342	22	9.6	[illegible]
R2 C.0.87-R11		6	180	97	<1	2	[illegible]	109	265	[illegible]	<0.5	<2
R2 C.0.87-R12		12	198?	40	<1	2	[illegible]	[illegible]	[illegible]	[illegible]	<0.5	[illegible]
R2 C.0.87-R13		[illegible]	75	19	1	3	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
R2 C.0.87-R14		10?	32	44	[illegible]	4?	[illegible]	[illegible]	525?	<1	<0.5	[illegible]
R2 C.0.87-R15		[illegible]	45	40	1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
R2 C.0.87-R16		[illegible]	43	[illegible]	[illegible]	2	[illegible]	[illegible]	[illegible]	<1?	<0.5	[illegible]
R2 C.0.87-R17		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
R2 C.0.87-R18		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	47?	[illegible]	[illegible]	[illegible]	[illegible]
R2 C.0.87-R19		22?	271?	[illegible]	[illegible]	[illegible]	[illegible]	42?	[illegible]	[illegible]	[illegible]	[illegible]
R2 C.0.87-R20		7	6	[illegible]	[illegible]	16	114?	[illegible]	925	<1	[illegible]	[illegible]
R2 C.0.87-R21		23	21	[illegible]	[illegible]	[illegible]	50?	[illegible]	625?	[illegible]	<0.5?	[illegible]
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R2 C.0-[illegible]-1A		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
R2 C.0-[illegible]-2A		14	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

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Geochemical Lab Report

REPORT: 127-0512 | PROJECT: NONE GIVEN | PAGE 1F

SAMPLE NUMBER	ELEMENT UNITS	Fe PCT	V PPM	As PPM	Te PPM	[illegible] PPM	[illegible] PPM	[illegible] PPM	Se PPM	[illegible] PPM	Au PPB
T1 C.C.87.S-1		0.77	14	<5	<10	<10	<10	<5	<5	<10	
T1 C.C.87.S-2		0.61	12	<5	<10	<10	<10	<5	8	<10	
T1 C.C.87.S-3		0.42	9	<5	<10	<10	<10	<5	11	10	
T1 C.C.87.S-4		2.66	47	<5	<10	<10	<10	<5	<5	<10	
R2 C.C.87-R01		1.27	[illegible]	15	<10	<10	<10	<5	10	<10	<5
R2 C.C.87-R02		1.79	13	9	<10	<10	<10	[illegible]	<5	<10	<5
R2 C.C.87-R03		1.62	16	[illegible]	<10	[illegible]	[illegible]	[illegible]	<5	[illegible]	<5
R2 C.C.87-R04		2.[illegible]	19	25	<10	[illegible]	[illegible]	<5	<5	<10	5
R2 C.C.87-R05		1.46	5	<5	<10	[illegible]	[illegible]	<5	[illegible]	10	<5
R2 C.C.87-R06		1.[illegible]	18	14	<10	[illegible]	[illegible]	5	<5	14	5
R2 C.C.87-R07		1.27	[illegible]	[illegible]	<10		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
R2 C.C.87-R08		0.[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	2500
R2 C.C.87-R09		2.04	17	[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]
R2 C.C.87-R10		[illegible]	21	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
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R2 C.C.87-R12		1.[illegible]	27	[illegible]	[illegible]	<10	[illegible]	[illegible]	[illegible]	<10	<5
R2 C.C.87-R13		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]	<10	15
R2 C.C.87-R14		[illegible]	32	[illegible]	<10	[illegible]		[illegible]	<5	[illegible]	95
R2 C.C.87-R15		[illegible]	[illegible]	[illegible]	<10				[illegible]	[illegible]	<5
R2 C.C.87-R16		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	<10	[illegible]	<5	<10	<5
R2 C.C.87-R17		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	<5
R2 C.C.87-R18		[illegible]	[illegible]	[illegible]	<10	[illegible]	[illegible]	[illegible]	<5	<10	160
R2 C.C.87-R19		1.[illegible]	[illegible]	[illegible]	<10	[illegible]	[illegible]	[illegible]	[illegible]	<10	1050
R2 C.C.87-R20		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	10	<5
R2 C.C.87-R21		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
R2 C.C.87-R22		[illegible]	42	[illegible]	<10	<10	[illegible]	<5	[illegible]	<10	<5
[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	<5		[illegible]	[illegible]
[illegible]		[illegible]	[illegible]	[illegible]	<10		[illegible]	5	<5	[illegible]	
[illegible]		[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]			[illegible]

Bondar-Clegg & Company Ltd.
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Certificate of Analysis

REPORT: 627-3512 | PROJECT: NONE GIVEN | PAGE 1

SAMPLE NUMBER	ELEMENT UNITS	Au OPT	Ag OPT	Pb PCT
R2 C.O. 87-R07		2.203	4.30	1.96
R2 C.O. 87-R08			12.64	7.95

APPENDIX B

ROCK SAMPLE DESCRIPTIONS

SAMPLE NO.	WIDTH OF AREA EXPOSED	STRIKE	DIP

R-1 30cm
Description: Silicified zone with mica and colored quartz, no obvious sulphides.

R-2 30cm
Description: Quartzite zone (mainly silicified volcanic rocks) with no obvious sulphides

R-3 30cm
Description: Sample taken over 30cm of silicified zone of volcanic and shale rocks, no obvious mineralization

R-4 20cm 290 60 -S
Description: Silicified volanic sill, disseminated with pyrite, some fine grained mica (2-51)

R-5 30cm 290 60 -S
Description: Sample taken from a silicified, sheared zone of laminated shale rocks over 30 centimetres.

R-6 30cm 290 60 -S
Description: Sample across 30 centrimetres of highly sheared and altered zone of shale rocks, no sulphides.

R-7 60cm 280 70 -S
Description: Rock sample taken from a highly silicified, rusty zone, charged with galena, iron oxides, the sample was taken across the wallrock of the vein.

R-8 20cm 280 80 -S
Description: Sample across twenty centimetres of quartz vein charged with galena, pyrite, the vein is rusty with iron oxides.

R-9 30cm 285 60 -S
Description: Sample across thirty centimetres of silicified, sheared zone of shale rocks, no obvious sulphides.

R-10 30cm 285 60 -S
Description: Sample across 30cm of quartz vein and silicified shale, the vein is not mineralized but rusty, the wallrock is sheared and silicified.

R-11 20cm 285 60 -S
Description: Sample taken over 20 centimetres of quartz vein and shale, the vein is containing some mica and disseminated with pyrite.

SAMPLE NO.	WIDTH OF AREA EXPOSED	STRIKE	DIP

R-12 20cm 300 60 -
Description: Rock sample taken over 20 centimetres of quartz vein and sheared shale, no obvious mineralization.

R-13
Description: A float sample taken from rusty quartz vein material with mica and iron oxides, located at 40 metres southeast of R-10.

R-14 20cm 280 60 -S
Description: Sample taken from a small outcrop of shale and silicified volcanic rock rusty quartz vein with pyrite and iron oxide.

R-15
Description: A float quartz vein material, rusty with iron oxides, weathered biotite. The sample is located at 15 metres south-east of sample R-10.

R-16 20cm 280 40 -S
Description: Sample over 20cm of quartz vein, the vein is rusty with some iron oxide and weathered biotite, this sample is located at 60 metres west of sample R-12.

R-17 120cm
Description: A channel sample of quartz vein hardly exposed, the smple is taken over 120 centimetres across the vein, 2-3% mica and iron oxides, no obvious sulphides.

R-18 60cm
Description: Small mineralized zone of quartz felspar porphyry has been found by the writer at 250 metres north-west of sample No. R-17, rich with mica, weathered biotite, iron oxides and pyrite.

R-19 25cm
Description: Sample taken over 25 centimetres of highly mineralized zone of silicified shale and quartz vein charged with galena, the sample is heavy and contain some biotite and mica.

R-20 175cm 240
Description: A channel sample over 175 centimetres of felsite porphyry dyke intruded into the sediments in the Bulldozer Trench, charged with biotite, mica and some oxides.

R-21 60cm 280 60 -S
Description: Mineralized zone of silicified and sheared sediments intruded by a small quartz vein (120 centimetres wide) at the contact with the felsite dyke.

SAMPLE NO.	WIDTH OF AREA EXPOSED	STRIKE	DIP
R-22	90cm	280	60 -S

Description: Sample over 90 centimetres of mineralized zone of sheared, silicified shale, intruded by small quartz stringers, average 1cm wide, charged with galena and biotite.

Geochemistry Carryon Property 1983 - See fig 3

	Pb (%)	Ag (oz/tonne)	Au (oz/tonne)	Remarks
CO-83-01	0.01	0.06	0.003	Chip sample of vein
CO-83-02	5.25	11.66	1.424	Chip sample, rusty vein material, traces of galena present
CO-83-03	0.08	0.32	0.028	Chip sample of rusty quartz vein
CO-83-04	1.37	1.93	0.494	Grab sample of vein from scree
CO-83-05	2.17	2.06	0.340	" "
CO-83-06	0.05	0.09	0.010	Pyrrhotite rich, felsite dyke

Appendix I

Previous assays from the property ~1981

	Pb %	Zn %	Au(oz/t)	Ag(oz/t)	Cr %
3524 c	4.20	1.86	1.23	6.20	---
3525 c	0.03	0.02	Tr	Tr	0.01
3526 c	0.02	0.01	"	"	---
3527 c	---	---	"	"	---
3521 c	0.015	---	"	"	---
3522 c	---	0.03	"	"	---
3523 c	---	---	"	"	---

1983 - See fig 3

67751*	0.007	0.08
67752	0.001	0.01
67753	4.610	6.98
67754	0.403	36.50
67755	0.040	0.43
67756	0.039	0.19

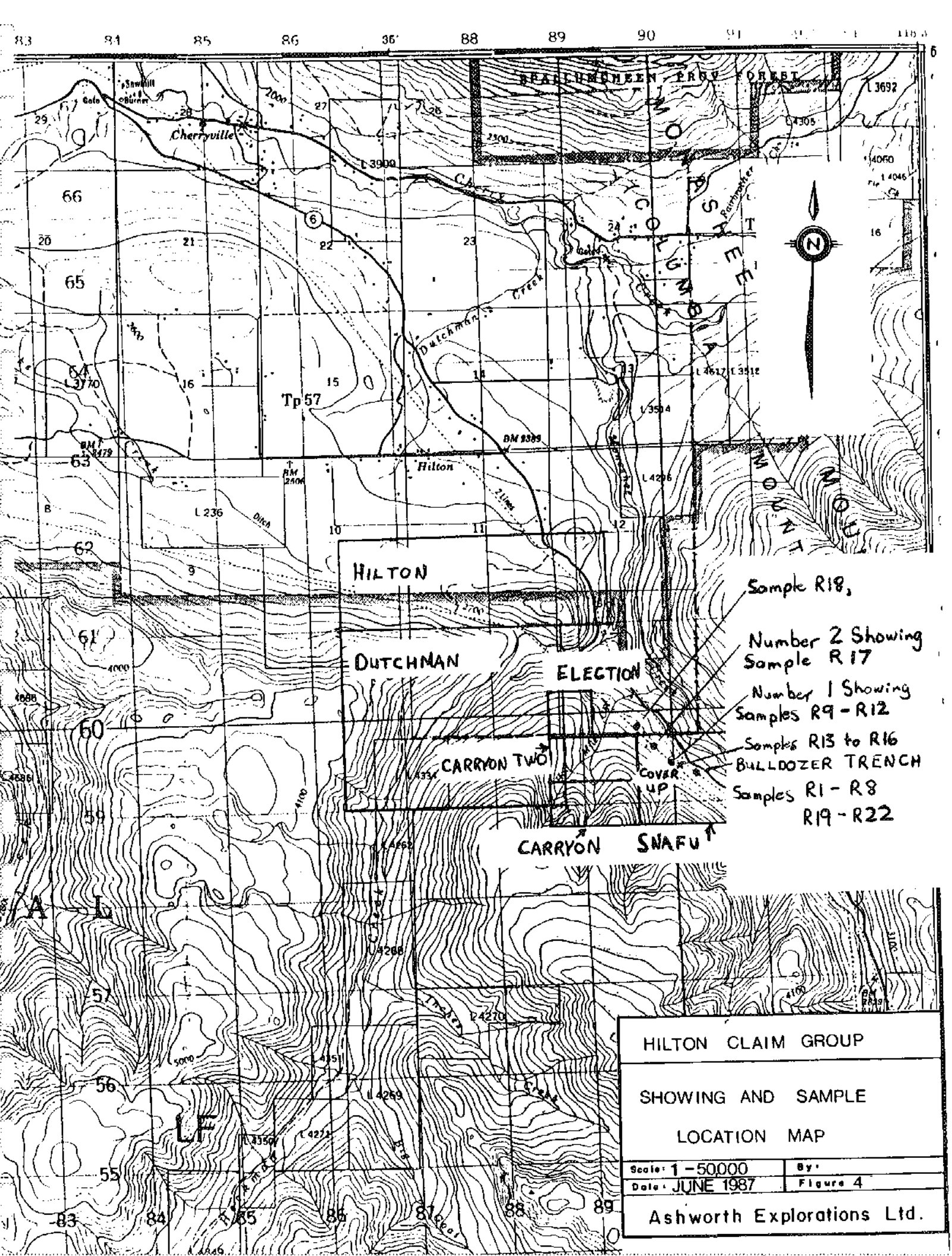
* I.M. Watson & Associates assays

APPENDIX D

ANALYTICAL TECHNIQUES

Twenty two rock samples were sent to Bondar Clegg and Company Ltd., 130 Pemberton Avenue, North Vancouver, B.C. for analysis.

Samples were crushed and pulverized to minus 150 mesh. Gold was extracted by fire assay and detected by atomic absorbtion. The remaining 20 elements were extracted using a hot HCL-HNO_3 (1:3) solution and detected by D.C.P. (Direct Current Plasma) analysis.

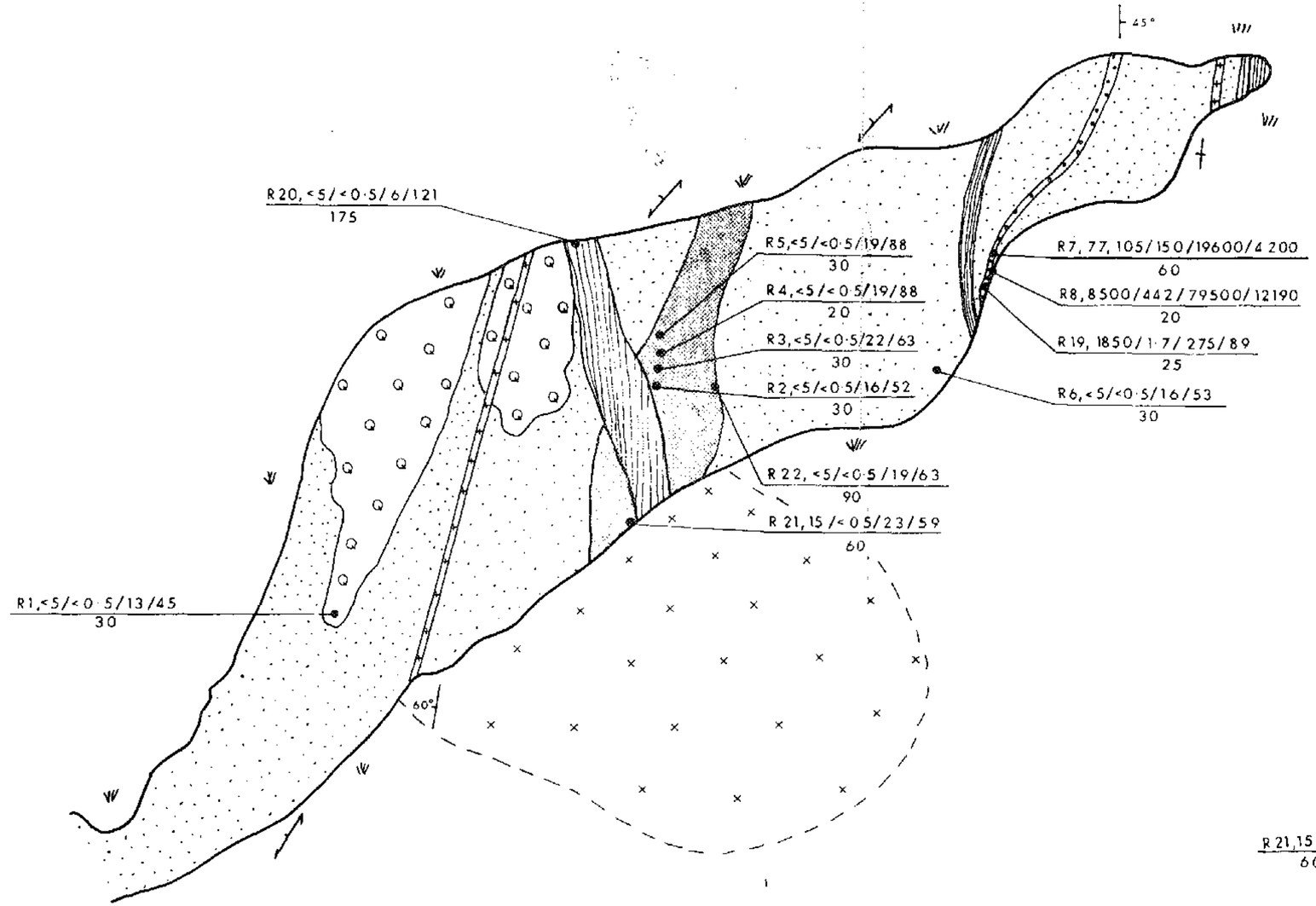


HILTON CLAIM GROUP

SHOWING AND SAMPLE LOCATION MAP

Scale: 1 - 50000	By:
Date: JUNE 1987	Figure 4

Ashworth Explorations Ltd.



LEGEND

- Shale, argillite
- Silicified zone
- Mineralized zone
- Silicified volcanic sill
- Mineralized quartz vein
- Felsite dyke
- Area of outcrop
- Area of gravel and float rocks
- Strike and dip
- Bedding
- Vegetation

R 21,15/<0·5/23/59 / 60 = Sample No., Au ppb/Ag ppm/Pb ppm/Zn ppm / width (cm)

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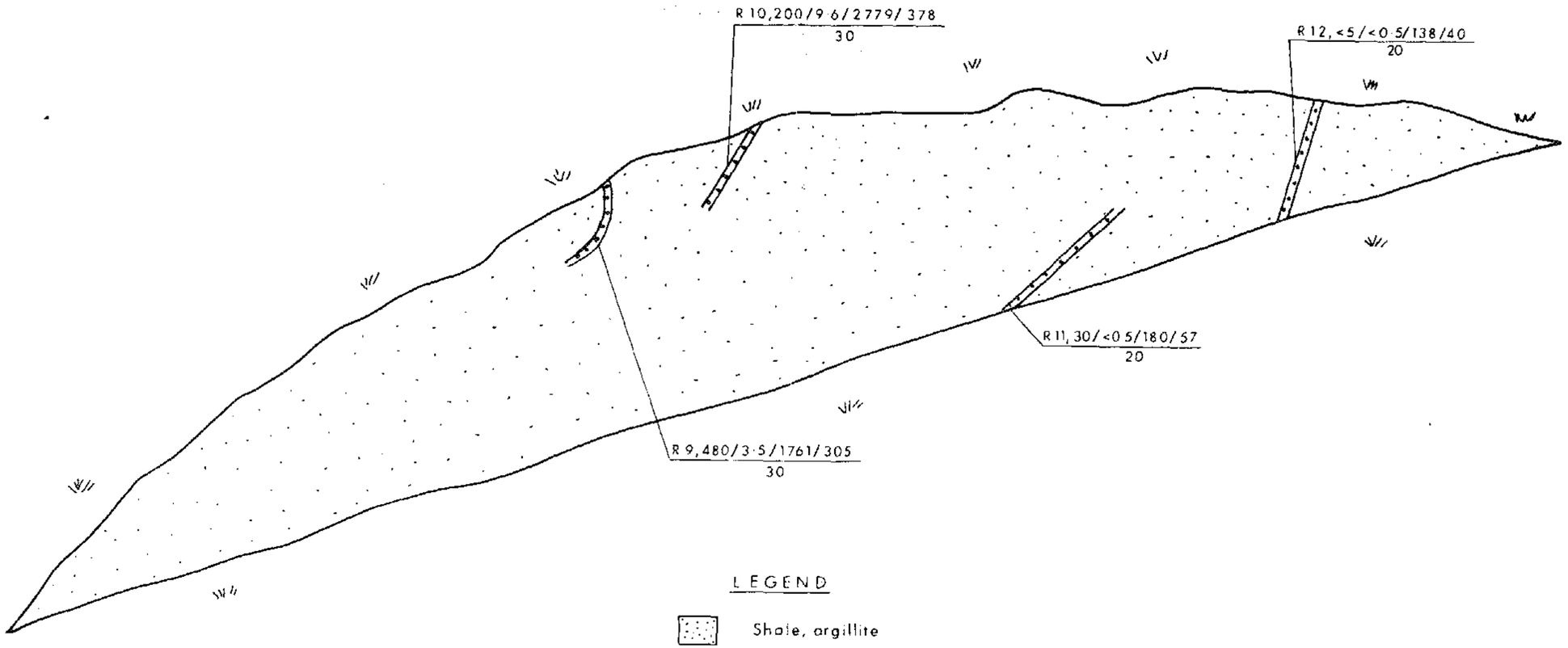
HILTON PROPERTY
CHERRYVILLE, B. C.

BULLDOZER TRENCH SHOWING GEOLOGY AND GEOCHEMISTRY

Scale 1:200	Drawn F.Y. / J.S.
Date June 1987	Fig. 5



LEGEND

- Shale, argillite
- Quartz vein
- Area of outrop
- 60° Strike and dip
- Bedding
- Vegetation

R9,480/3 5/1761/305 / 30 : SampleNo., Au ppb /Ag ppm /Pb ppm / Zn ppm / width (cm)

0 1 2 metres

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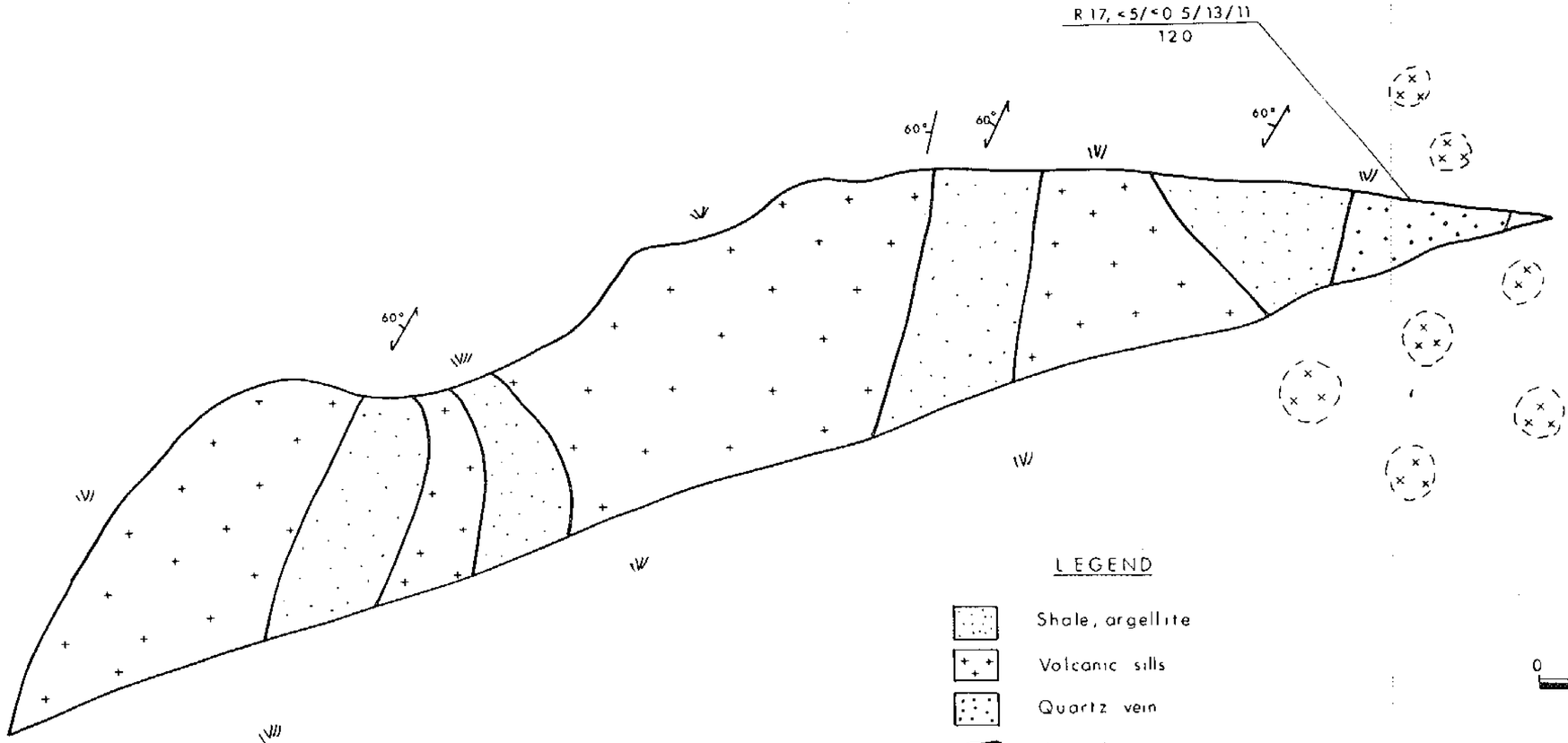
HILTON PROPERTY

CHERRYVILLE, B. C.

1 SHOWING

GEOLOGY AND GEOCHEMISTRY

Scale 1 : 50	Drawn : F. Y / J. S.
Date : June 1987.	Fig. 6



R 17,<5/<0·5/13/11 / 120 = Rock Sample No/Au ppb/Ag ppm/Pb ppm/Zn ppm / width (cm)

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HILTON PROPERTY

CHERRYVILLE, B.C.

2 SHOWING

GEOLOGY AND GEOCHEMISTRY

Scale 1 : 50	Drawn F.Y. / J.S
Date : June 1987.	Fig 7