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PROSPECTING AND GEOCHEMICAL REPORT ON THE
PITA 29 CLAIM

MONASHEE PASS AREA
VERNON MINING DIVISION
BRITISH COLUMBIA

LOCATION:

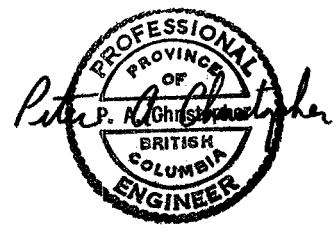
N.T.S.: 82L/2E
LATITUDE: 50° ~~05' 20" N~~ 6' 8"
LONGITUDE: 118° ~~31' 12" W~~ 30' 34"

REPORT FOR:

Operator: APPROACH RESOURCES LTD.
550 - 1130 WEST PENDER STREET,
VANCOUVER, BRITISH COLUMBIA V6E 4A4

PREPARED BY:

Owner: Peter A. Christopher Ph.D., P.Eng.
PETER CHRISTOPHER AND ASSOCIATES INC.
3707 WEST 34TH AVENUE,
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DECEMBER 11, 1987

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GEOLOGICAL BRANCH
ASSESSMENT REPORT

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SUMMARY

The Pita 29 claim covers about 500 ha in the Vernon Mining Division and Monashee Pass area. The property straddles Highway 6 about 35 kilometers east of Lumby with logging roads and Highway 6 providing excellent property access. The claim was acquired in 1987 for Approach Resources to test for mineralized structures parallel to those found on enclosed lots 3766, 3767, 3768, 3913, and 3916.

The Pita Property is well situated in an area of active exploration with recent drilling by Brican Resources Ltd. of a gold bearing zone on their Top Property in the Monashee Pass area and an optioning of their property on Monashee Mountain to Chevron Minerals Ltd. Cominco Ltd. has been actively exploring for precious metals on the Keefer Lake property to the east of Monashee Mountain.

The 1987 field program, consisting of prospecting and 2.2 line kilometers (59 samples) of soil sampling was successful in locating a three foot wide rusty quartz vein containing 590 ppb gold along with weakly anomalous values for gold (to 57ppb), copper (244ppm), and zinc (266 ppm) in soils. Additional prospecting and reconnaissance geochemical lines are recommended for the Pita 29 claim.

INTRODUCTION:

The Pita 29 claim, consisting of 20 units is situated in the Monashee Pass area and Vernon Mining Division of British Columbia. The claim was acquired for Approach Resources in 1987 to cover ground with potential for structurally controlled, vein type precious metal deposits. The claim adjoins a large block of Pita claims under option by Approach Resources from Mohawk Oil Company.

Peter Christopher and Associates Inc. was retained by the management of Approach Resources Ltd. (formerly Image Resources Ltd.) to conduct required assessment consisting of initial prospecting and geochemical surveys over the Pita 29 claim. Field work on the claim was carried out by the writer and John Green on October 4, 1981. This report summarizes the results obtained from 60 geochemical samples collected from the Pita 29 claim.

LOCATION AND ACCESS: (Figures 1 & 2)

The Pita 29 Claim is situated near Monashee Pass in the Monashee mountains, 55 kilometers southeast of Vernon, B.C. The property is situated along Highway 6 near Monashee Pass about 15 kilometers southeast of Cherryville, and roughly 40 kilometers southeast of Lumby.

The south end of the property is reached by a logging road system which leaves the paved Monashee Highway between Monashee Pass and McIntyre Lake. Electrical transmission lines pass through the southeastern corner of the property.

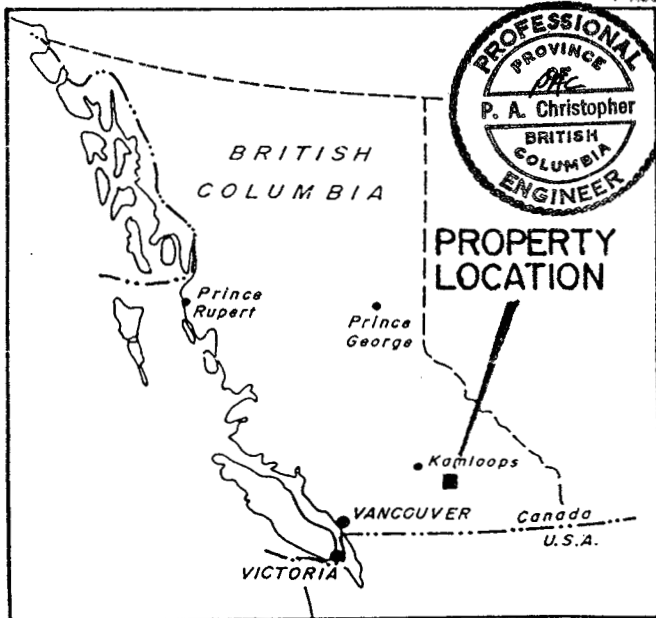
Most supplies and services are available in Lumby, while Vernon, a large city, is serviced by daily jet flights from Vancouver and Calgary to the Kelowna airport, situated between Kelowna and Vernon. Limited groceries are available in Cherryville and several campgrounds are situated north of Monashee Pass and are practical for use while working on the property.

TOPOGRAPHY, VEGETATION AND CLIMATE:

The Pita Property is situated in the Monashee Mountains subdivision of the the Columbia Mountains. The property has moderate to strong relief with elevations ranging from about 3550 feet (1076m.) along Highway 6 to the north of Monashee Pass to over 5600 feet (1697m.) on a peak west of Monashee Pass.

On both sides of the the slopes are steep and thickly wooded with mixed birch, fir, pine, cedar and poplar. Considerable outcrop exists in road-banks, on steep slopes and in creek beds.

Climate is not severe; the property is free of snow from late May through early October. Summers are generally dry. Water is always available in major creeks for drilling or camp use.



PITA 29

APPROACH RESOURCES LTD.

PITA 29
CLAIM MAP

N.T.S. 82L-1W,2E VERNON M.D., B.C.

0 1 2 3 KM.

P.A. CHRISTOPHER & ASSOCIATES LTD.

SCALE 1:50,000 NOV. 1987 FIGURE 1

PROPERTY DEFINITION

The Pita 29 claim is composed of 20 metric units containing a maximum possible area of 500 ha. in the Vernon Mining Division of British Columbia. The writer staked the claim in October 1986 for Approach Resources Ltd. Previously held crown grants at Monashee Pass were overstaked by Pita 29 and are not part of the Pita Property.

Table 1 summarizes pertinent claim data and Figure 1 shows the approximate location of the Pita claims.

Table 1. Pertinent Claim Data for Pita Property.

<u>Claim Name</u>	<u>Record Number</u>	<u>Record Date</u>	<u>Units</u>	<u>Expiry*</u>	<u>Mining Division</u>
PITA 29	2161	28/10/86	20	1987	Vernon

* Year of expiry before recording of work program outlined in this report.

HISTORY

The earliest activity in the area of the Pita claims was placer mining on Cherry Creek and Monashee Pass Creek, which started about 1863. The placer activity led to the discovery of silver mineralization in veins on the banks of Cherry Creek in 1865. Rich pockets of silver bearing material were present in quartz veins in slates, but their erratic distribution frustrated early exploration efforts.

Several years later, in 1886, prospector Donald McIntyre staked a silver showing in Monashee Pass, and within three years, with the help of his partner L.W. Riske, constructed a stamp mill on the property. The mill was operated with water obtained from the Kettle River drainage via a two mile ditch system. The Monashee (B.C. Mineral Inventory 82L/SE # 1) is reported to have produced 2410 tons in 1939 and 1940 with a yield of 316 ounces of gold, 1636 ounces of silver, 1556 pounds of lead and 418 pounds of zinc.

The St. Paul Mine on nearby Monashee Mountain shipped about 11.2 tons grading 0.50 oz Au/ton, 147.9 oz Ag/ton, 11.15% lead, 0.2% zinc and 17% antimony (B.C. Ministry of Mines, Annual Rept. 1927 p.C213) to the Trail Smelter in 1927. Total production from the St. Paul (B.C. Mineral Inventory 82L/SE #10) is reported to be 430 tons yielding 181 ounces of gold, 3614 ounces of silver, 8199 pounds of lead and 2,773 pounds of zinc. Antimony, copper and arsenic are also reported to be found in the occurrence.

The McPhail (B.C. Mineral Inventory 82L/SE # 9) is surrounded by the Pita 6 and Pita 29 claims and the Top precious metal prospect (B.C. Mineral Inventory 821/SE # 17) adjoins the Pita 29 on the south. The Top Property was explored by Brican Resources and associated companies between 1980 and 1987.

The Pita 1 through 28 claims were acquired by Mohawk Oil Company Ltd. between March 6, 1981 and June 11, 1984 to explore an area considered to have a favourable setting for gold, silver and base metals. The Pita 29 was added by the writer in October 1986 to cover favourable geology north of the Top Property and possible extensions of the McPhail and St. Paul mineralized systems.

WORK PROGRAM

The 1987 prospecting and geochemical soil sampling program was conducted on October 4, 1987 by the writer and prospector John Green of Keremeos, B.C. Three lines (A, B, Z) were chained and flagged with a total of 59 soil samples collected from the B horizon at about 20 cm. A total of 2.2 line kilometers were sampled with lines A and B run along the power line clearings and sampled at 50 meter spacing and line Z sampled at 25 meter spacing. A 3 foot chip sample was collected by the writer from a rusty quartz vein.

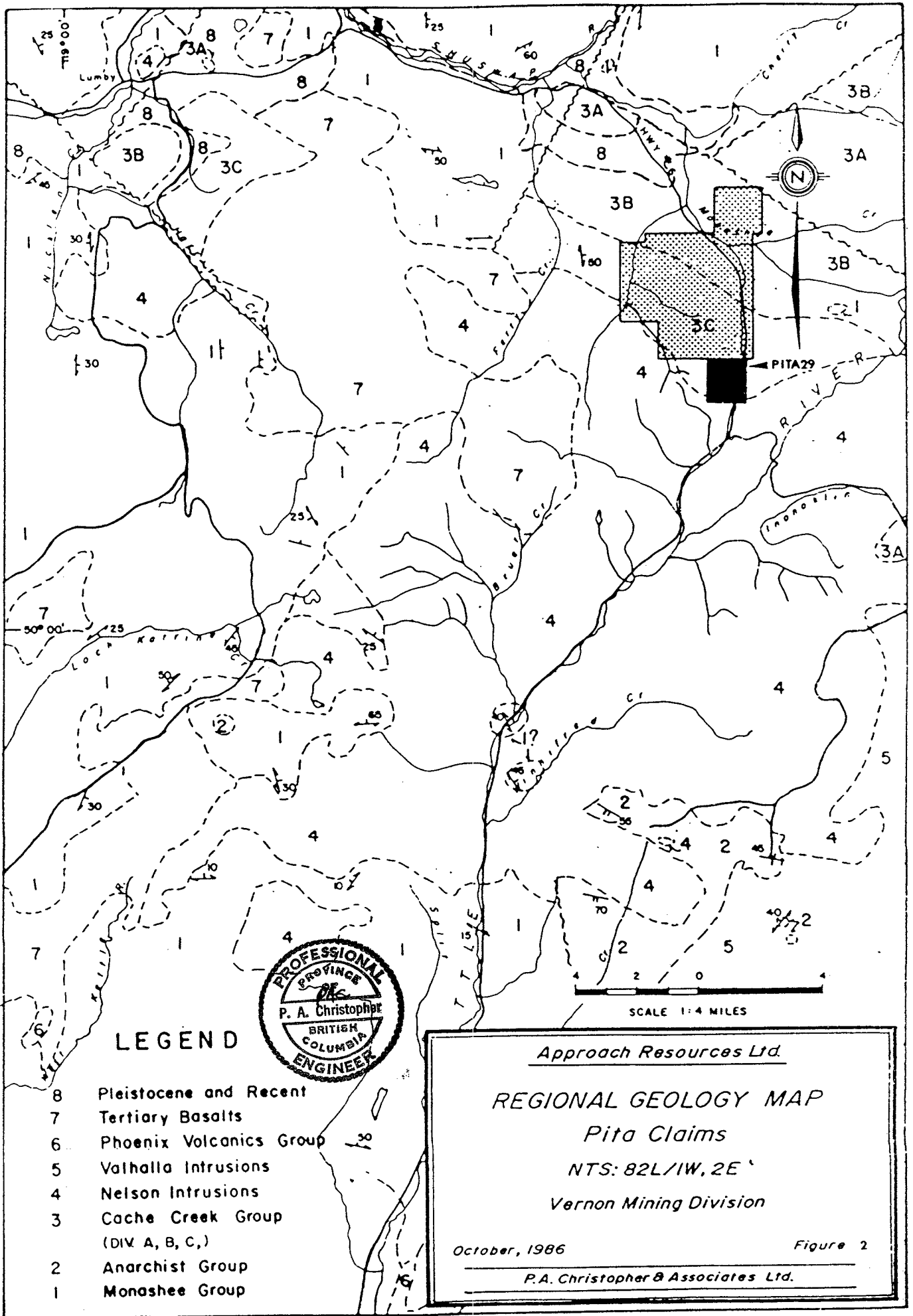
Geochemical samples were dried and shipped to Acme Analytical Laboratories Ltd. in Vancouver for 30 element ICP and gold geochemistry with geochemical results for gold, silver, lead, zinc and copper presented on Figure 3, 4, and 5 and certificates of analysis presented in Appendix B. Appendix A is a cost statement for the 1987 program.

REGIONAL GEOLOGY (Figures 2)

The area east of Vernon is underlain mainly by rocks of the Permian/Pennsylvanian age 'Thompson Assemblage' which represent an accreted terrain previously mapped as "Cache Creek Group". Intruding these rocks are large masses of Mesozoic granitoid rocks collectively referred to as the 'Nelson Batholith' and smaller intrusive masses of Cenozoic age. Capping all younger rocks are Tertiary basaltic volcanics of the Kamloops Group (Jones, 1959; Okulitch, 1979).

Underlying the Okanagan Valley is a west-dipping major tectonic zone known as the Okanagan Shear Zone, and to the northeast is the Columbia Fault zone, a major east-dipping shear. North of the area, the Monashee Complex is a strongly deformed core of Archean basement gneiss surrounded by metamorphosed Proterozoic sedimentary rocks. The doubly-plunging antiformal system encompassing the Thor-Odin and Frenchmans Cap gneiss domes is bounded on the west by the Monashee Decollement and on the east by the Columbia River Fault Zone. The Selkirk Allochthon (Shuswap Complex), a high grade metamorphic assemblage surrounds the Monashee Complex. To the west of this, the Quesnel Trough comprises Mesozoic volcanics and intrusives, and to the east the Kootenay Arc includes Proterozoic 'Belt' and Purcell Group sedimentary rocks.

Regional geology is presented in the area of the claims, as mapped by Jones, (1959) is shown in Figure 2.



LEGEND

- 8 Pleistocene and Recent
- 7 Tertiary Basalts
- 6 Phoenix Volcanics Group
- 5 Valhalla Intrusions
- 4 Nelson Intrusions
- 3 Cache Creek Group
(DIV A, B, C,)
- 2 Anarchist Group
- 1 Monashee Group



Approach Resources Ltd.

REGIONAL GEOLOGY MAP

Pita Claims

NTS: 82L/IW, 2E

Vernon Mining Division

October, 1986

Figure 2

P.A. Christopher & Associates Ltd.

MINERALIZATION

The area of the Pita 29 claim was initially selected for exploration because of the favourable geological setting and proximity to a number of mineral occurrence and types in the area. The source of placer gold and silver mineralization in creeks draining the property can not be attributed to known deposits in the Monashee Gold Camp with a yet undetected source likely to occur in the area of the Pita 29 claim. Recent renewed interest in the Monashee Gold Camp has resulted in a number of gold anomalies being detected in the area. Brican Resources has discovered a mineralized shear zone on the Top Property which adjoins the Pita 29 claim on the south. Shannon Grant and Marshal Smith (1984) stated that, "National Resource Exploration Ltd. and Cominco Ltd. outlined several anomalous gold areas on their Keefer Lake Property during 1983. Demus Petro Corp. discovered significant gold anomalies on their Monashee property and reported assays of 6.84 oz./ton gold west of their property. Brican Resources intersected gold mineralization on surface and in drill holes on their claims and later optioned their property to Kerr Addison Mines. Austin Resources also reported strong gold anomalies on their Monashee property optioned from Golden Porphyrite Ltd."

On the Pita Property (Waldner, 1984) suggests the possibility of several types of deposits with potential for base metal deposits as well as skarn, disseminated or fracture filling and epithermal vein mineralization. The main area of interest is a hydrothermally altered, gossan area on the Pita 1 & 7 claims in the central part of the property with gold values in the 100-380 ppb range and traces of chalcopyrite, galena and sphalerite exposed in backhoe trenches (Waldner, 1984).

Descriptions of mineral occurrences in the area of the Pita 29 claim follow:

Placer Deposits

Placer activity centered on the "North Fork" or main stream of Cherry Creek and the "South Fork" or Monashee Pass Creek, but placer mining also occurred on Harris Creek where nuggets to 1 and 3/4 ounces size were found, and some tributary creeks such as Rembler (Porcupine) Creek, and to a small extent on Heckman Creek, where gold may still easily be panned.

The best gold production was from Cherry Creek, where production from 1870's on has yielded at least 5,210 ounces, with nuggets up to 6 1/2 ounces in size. Gold is reported to be of two types: 1) Light, flat scaly particles, resembling fragments of dentists leaf gold; and 2) Less commonly, coarse gold pieces. Benches 100 feet above the creek were mined in 1876 by Chinese miners. Activity died out in 1880's and 1890's. Cherry Creek gold had fineness about 712. Most production occurred from the junction of Cherry Creek and Monashee Creek upstream to 3 1/2 miles above the junction. A second period of placer mining on Monashee Creek occurred from 1930 to 1932.

Harris Creek, south of Lumby, has a short section of pay gravel, but the gold was of higher purity and coarse nuggets were common. Recorded production from 1936 to 1945 has been 455 ounces, with fineness 870 to 878. Production from Heckman Creek is recorded as 4 ounces.

Hardrock Deposits

Morgan and St. Paul

The "St. Paul Group" is situated on the summit and northwestern slope of Monashee Mountain. The property is reached by a rough road from Monashee Pass Area. The property was staked in the late 1800's by Morgan. After alternating periods of activity and idleness, the claims were acquired in 1926 by St. Paul Mines Ltd. Recorded production from 1914 to 1927 was 311 tons, from which 136 oz. gold (0.437 oz/ton) and 1,670 oz. silver, (5.37 oz./ton) and minor amounts of lead and zinc were produced. An additional 11 tons of ore from the Toughnut claim averaged 0.50 oz./ton gold and 147.9 oz/ton silver. (Cairns, 1931).

Rocks exposed on the property are mainly green volcanics with some intercalated sediments - these are assumed to be "Thompson Assemblage" rocks of Pennsylvanian/Permian (Cache Creek) age. An intrusive body of diorite exposed in the mine workings is pyritized, with chlorite and carbonate alteration, and has hornfelsed surrounding rocks.

Quartz veins in the upper "Morgan" working carry free gold, along with pyrite, arsenopyrite, and minor sphalerite and galena. The veins in the lower "St. Paul" workings near the diorite contact, are shallowly dipping quartz veins with arsenopyrite, stibnite (?), tetrahedrite, and jamesonite with minor pyrite, pyrrhotite, sphalerite and galena. Native silver occurs as microscopic specks.

Considerable work was done on the prospects in 1974 and 1975 by Coast Interior Ventures Ltd. for owner St. Paul Mines Ltd. Work done included road improvement, surveying, dewatering, underground and surface mapping, magnetometer surveys, a 340 ton sample from the Toughnut showing, and considerable surface stripping.

The prospect currently is owned by Brican Resources Ltd., who report large zones of disseminated arsenopyrite and gold on the east flank of Monashee Mountain. For further reference, Assessment Reports 10967 and 12050 describe work done up to 1983.

Monashee Pass

Mineralization in the vicinity of Monashee Pass was first discovered by prospector Donald McIntyre in 1880. Claims were staked in 1886; these 5 claims were crown-granted and surveyed, and by 1889, with partner L.W. Riske, he had built a stamp mill to process the silver-rich quartz vein material. In 1897 it was bonded to Captain Molyneaux, and camp buildings were constructed and 1000 feet of tunneling was done.

In 1901, three claims, the McPhail Group: (Rossland, Mascot and Evening Star claims were controlled by Cherry Creek Gold Mining Co., who drove three adits on the Rossland and Evening Star claims. The McPhail Tunnel was 170 feet long, with two raises of 25 and 50 feet, the Evening Star Tunnel was 230 feet long, and an unnamed tunnel was about 300 feet long with a raise 75 to 100 feet long. (J.M. Dawson, 1973).

In 1907, the McPhail group was sold to the Fire Valley Gold Mining Co., but it was 1914 before further work was done, consisting of a long tunnel 500 feet below the previous workings. This tunnel was terminated at the outset of World War I, at the 800 foot mark, short of the target. No veins were intersected and the tunnel is now caved at the portal. No appreciable work has been done since 1915.

In 1973 the property was owned by Keda Resources (1973) Ltd., and a summary report was prepared by J.M. Dawson, P.Eng. A brief description of the property is summarized from his report.

The property is underlain by Permian to Triassic carbonate and clastic rocks intruded by granitic stocks of the same age as the Nelson Batholith. The limestone has been converted to coarsely crystalline marble in massive beds of pure calcite; no bedding attitudes remain. Clastic rocks include grey to black argillite, impure siltstone, quartzite and green tuffaceous volcanics. A narrow pyroxene lamprophyre dyke is present near the north boundary of Number 4 claim. Near the granite contact limestones are bleached, recrystallized and silicified and clastic rocks are hornfelsed. Some skarn is present, but this is not extensive.

The intrusive, in most areas obscured by overburden, is a pinkish or greyish, fine to medium-grained granodiorite or quartz diorite. Bedding where visible indicates that the sedimentary sequence strikes northwesterly and dips northeast.

Seven quartz veins occur over a 400 foot interval, of these, four are narrow, 2 to 6 inches wide and relatively unmineralized. Three veins, explored by the tunnels, are 1 to 3 feet wide, trend north 50 degrees west and dip 40 to 70 degrees southwest.

The McPhail Vein is traceable on surface for 250 feet. A tunnel driven along the vein for 170 feet has two raises, one of which breaks through to surface. The vein averages 2-3 feet wide on surface but is up to 8 feet wide underground. Mineralization consists of "Scattered bunches of very fine-grained sulphides" - pyrite, galena, and sphalerite and minor chalcopyrite and tetrahedrite.

A second vein, 100 feet north of the McPhail Vein is explored by a 300 foot tunnel. The vein is at least 2 feet wide in places, and is explored by a vertical raise about 80 feet from the face. A sample across 2 feet, about 30 feet from the portal, taken by Dawson in 1973 assayed 0.13 oz/ton gold and 0.79 oz./ton silver. Selected samples have higher grades.

The Evening Star Vein, 2 to 3 feet wide at the portal on a near vertical face, is explored by a 230 foot tunnel. The vein, averaging 2 feet wide. A chip sample taken by Dawson across 3 feet near the portal assayed 0.76 oz./ton gold and 2.9 oz./ton silver.

Skarn rock and hornfels with considerable sulphide was assayed but negligible gold or silver is present in this material.

Reconnaissance soil sampling by Dawson was inhibited by steep terrain, but silver analyses indicated possibility of silver-bearing veins near the north boundary of the claims, (adjacent to Pita 29 claim), which may represent extensions of the veins explored by the adits. Additional work, including VLF-EM surveys were recommended.

The Top Property is situated south of Monashee Pass, adjacent to McIntyre Lake. The property has been explored since about 1973. In 1974 the prospect was known as the Gold 1-10 claims and was under option to New Cinch Uranium Ltd.

At the property, gold-silver mineralization occurs in a west-dipping shear zone that cuts granitic rocks of the Nelson Batholith. Lamprophyre dykes also cut the granites but are earlier than the shear.

In 1974, 4 diamond drill holes totaling 1,004 feet were drilled by New Cinch, adjacent to Highway 6. Vein material was intersected but no assays were published (A.R.# 4946). Pyrite, arsenopyrite and sulphosalts carrying gold and silver values occur in widths from 1 foot to 40 feet in a strong zone of shearing and brecciation traced over 550 feet. The values occur in fault gouge, quartz, carbonate and intensely altered granite.

The property is now owned by Brican Resources Ltd. with considerable additional work done from 1980 onward, including line-cutting, soil-sampling, magnetic surveys and diamond drilling (see A.R.#'s 9304, 10414, 11191). In 1983, 8 NQ diamond drill holes totaling 324 meters encountered significant gold and silver values with pyrite and arsenopyrite mineralization in intensely altered and sheared granodiorite and trachyte dykes (AR # 12093). In 1984, the property was optioned by Kerr Addison Mines Ltd., who completed 11 NQ diamond drill holes totaling 783 meters (AR # 12749). Brican Resources Ltd. announced (Oct. 21, 1986 News Release) that, "Brican discovered a zone of strong gold-silver mineralization on this property in 1983. Two holes (83-6, 84-9) intersected a 50-foot wide zone of intense epithermal alteration and mineralization which graded between 0.1 and 0.2 oz/ton gold. Further drilling in 1984 indicated that the Discovery Zone was cut-off by faulting. Subsequent surface exploration has discovered what appears to be the faulted extension about 400*feet west of the Discovery Zone."

The Pita 29 claim adjoins the Top Property and was acquired to test for similar mineralization to the north of the Discovery Zone on the Top Property.

GEOCHEMICAL PROGRAM

The 1987 geochemical program consisted of prospecting along 3 reconnaissance soil lines that were designated A, B, and Z with sampling at 50 meter intervals along lines A and B and 25 meter intervals along line Z. Samples were collected from the B horizon at about 20 cm, placed in kraft sample bags and submitted to Acme Analytical Laboratories in Vancouver for 30 element ICP and gold geochemistry by A.A. The results and location of soil samples are shown on Figures 3, 4, and 5. A single 3 foot rock chip was collected from a rusty quartz vein. Analytical results are presented in Appendix B.

GEOCHEMICAL RESULTS

Gold values in soils and silts vary from the detection limit of 1 to 57 ppb with 4 samples over 10 ppb considered of interests. The 57 ppb gold is adjacent to a 16 ppb gold at 3+75 to 4+00N on line Z. The other samples of interest are isolated 12 and 19 ppb gold values on line B.

Silver values in soils and silts vary from a detection limit of 0.1 to 0.8 ppm with one sample over 0.6 ppm are considered to be of interest and occurring with a 12 ppb gold response on line B.

Zinc values in soils and silts vary from 64 to 266 ppm with values over 100 ppm of interest and values over 150 considered anomalous. A total of 33 zinc values of interest and seven anomalous zinc values were obtain with anomalous values west of Pass Creek on line Z.

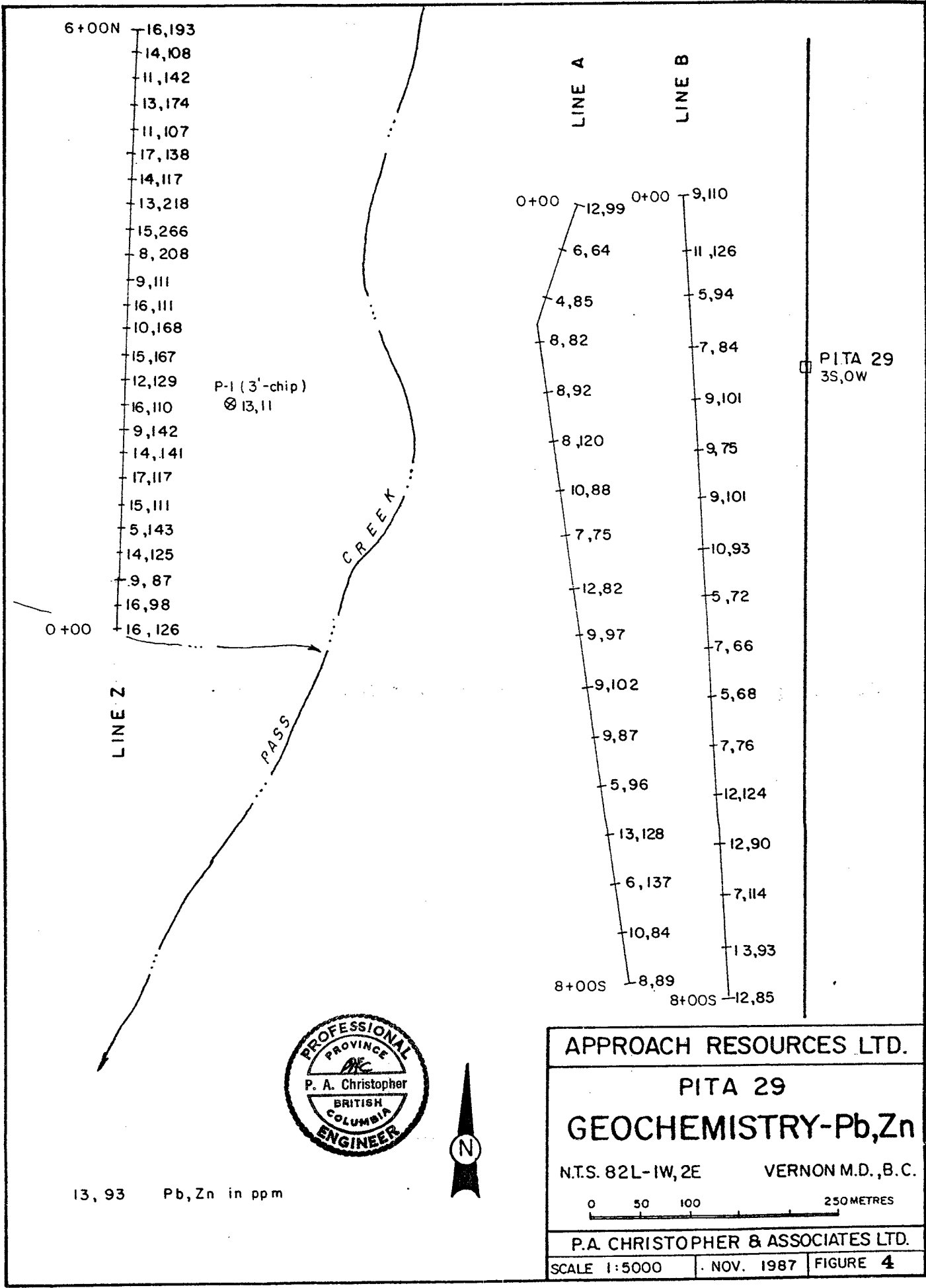
Lead values in soils and silts vary from 4 to 17 ppm with no values of interest (over 25 ppm) detected.

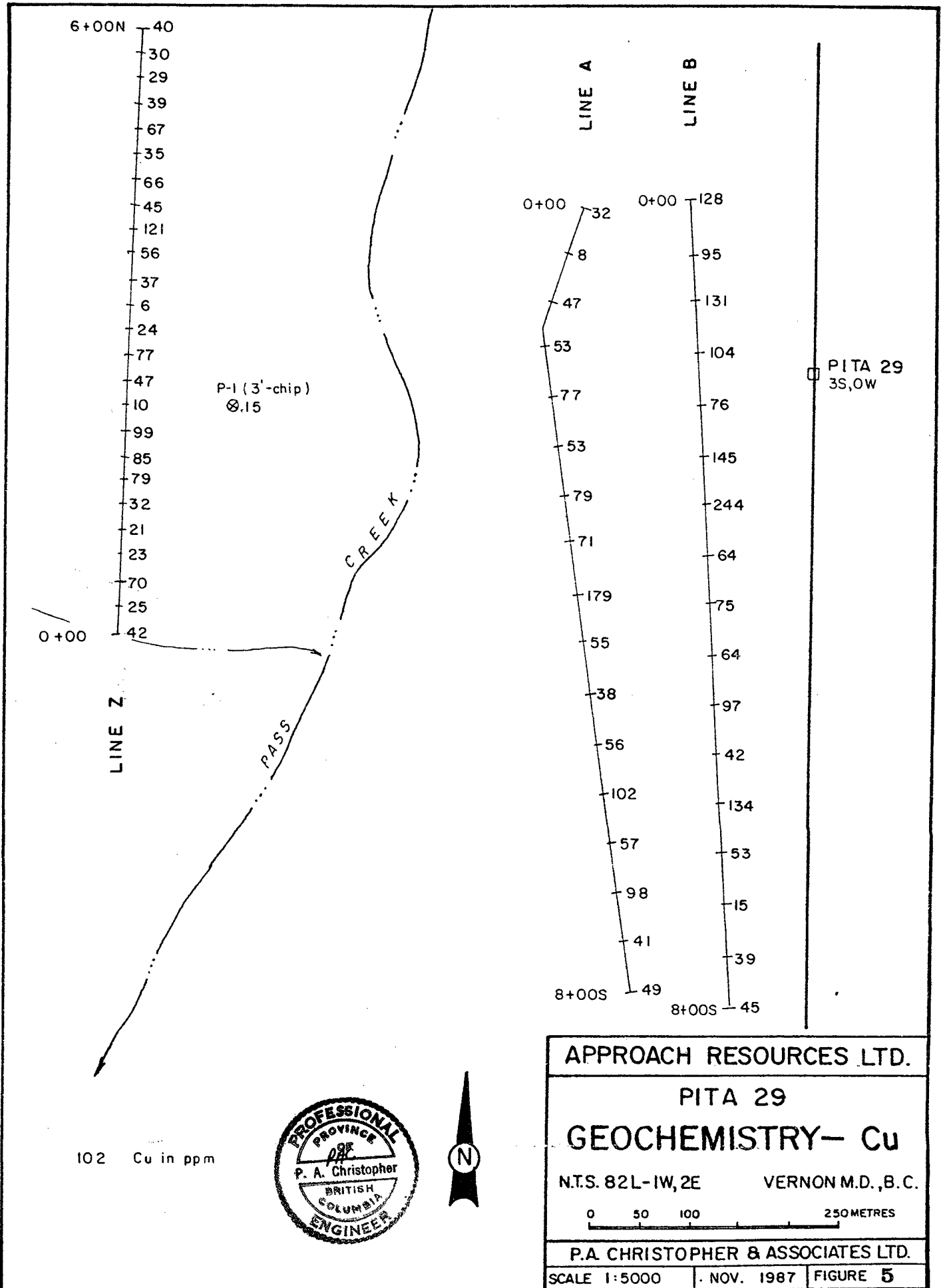
Copper values in soils and silts vary from 6 to 244 ppm with values over 50 ppm considered of interest and values over 100 ppm strongly anomalous. A total of 9 anomalous values were detected with eight of the anomalous values east of Pass Creek.

A single 3 foot chip sample collected from a rusty quartz vein (P-1) had low copper (15 ppm), lead (13 ppm), zinc (11 ppm) and silver (0.5 ppm) but contained 590 ppb gold.

DISCUSSION OF PITA 29 CLAIM

The Pita 29 Claim covers 500 ha of favourable prospecting terrain in the Monashee Gold Camp. The camp has been under exploration by a number of major and junior mining companies which demonstrated the usefulness of geochemical and geophysical methods in defining targets for trenching and drilling. Programs on adjacent and nearby properties have outlined several targets at Keefer Lake, Monashee Mountain and Monashee Pass with drilling on the Top Property intersecting 50 feet grading between 0.1 and 0.2 oz Au/ton.





Preliminary prospecting and reconnaissance has located a pyritic quartz vein with strongly anomalous (590 ppb) gold as well as several soil samples with anomalous gold, copper and/or zinc content in the southeast corner of the claim. Further reconnaissance lines should be run west of the existing coverage and prospecting should be conducted to explain anomalous soil values.

Further prospecting and geochemical reconnaissance of the Pita 29 claim is warranted to check for extensions of the auriferous shear zone on the adjacent Top Property and auriferous zones parallel to the mineralized east-west structure on enclosed crown grants.

CONCLUSIONS AND RECOMMENDATIONS

An initial exploration program on the Pita 29 claim has revealed a number of geochemically anomalous areas for gold, silver, copper, and zinc (see Figures 3, 4, & 5) and a pyritic quartz vein containing 590 ppb gold over a 3 foot width. Considering the preliminary nature of exploration on the Pita 29 claim, the encouraging geochemical results provides justification for additional prospecting and geochemical evaluation of the claim.

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CERTIFICATE

I, Peter A. Christopher, with business address at 3707 West 34th Avenue, Vancouver, British Columbia, do hereby certify that:

- 1) I am a consulting geological engineer registered with the Association of Professional Engineers of British Columbia since 1976.
- 2) I am a Fellow of the Geological Association of Canada and a member of the Society of Economic Geologists.
- 3) I hold a B.Sc. (1966) from the State University of New York at Fredonia, a M.A. (1968) from Dartmouth College and a Ph.D. (1973) from the University of British Columbia.
- 4) I have been practising my profession as a Geologist for over 20 years.
- 5) I have no direct or indirect interest, nor do I expect to receive any interest directly or indirectly in the property or securities of Approach Resources Ltd.
- 6) I have based this report on previous exploration experience in the the area of the Pita 29 claim, a review of government and company reports listed in the bibliography, a field examinations conducted by me between September 14th, 1986 and October 4th, 1986, on October 4, 1987 and on the results of the prospecting and geochemical program summarized in this report.
- 7) I consent to the use of this report by Approach Resources Ltd., for any Filing Statement, or Statement of Material Facts or assessment report.


Peter A. Christopher, P.Eng.
December 11, 1987



APPENDIX A. COST STATEMENT

PITA 29 CLAIM- 1987 WORK PROGRAM

Personnel

John Green	Prospector	Oct. 4/87	@ \$ 160/day	\$ 160.00
P.A. Christopher	P.Eng.	Oct. 4/87	@ \$ 400/day	<u>400.00</u>

TOTAL PERSONNEL \$ 560.00

Transportation

4x4 trucks 1 for (1/2 day) @ \$40/day 20.00

Room & Board

2 man days x \$45/man day 90.00

Geochemical Costs

soils	59 @ \$11ea.	649.00
rock	1 @ \$13.25	13.25

Expendables

Flagging	\$4.00	
Hip Chain	3.75	
Sample Bags	10.00	
		17.75

Report Writing, Drafting, Binding etc.

250.00

Total Costs \$ 1,600.00

Peter A. Christopher
Peter A. Christopher P.Eng.
December 11, 1987



APPENDIX B

Certificates of Analysis

PETER A. CHRISTOPHER PROJECT-PITA PROJECT FILE # 87-5516

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	SB PPM	BI PPM	V PPM	CA %	P %	LA PPM	CR PPM	MG %	BA PPM	TI %	B PPM	AL %	NA %	K %	W PPM	AJU# PPB
225 0+25W	1	40	12	59	.1	22	13	391	3.33	11	5	ND	1	21	1	2	2	41	.33	.015	6	31	.92	105	.09	3	2.64	.02	.08	1	5
BL 22+00S	1	12	12	85	.2	23	11	544	2.54	6	5	ND	1	21	1	2	2	37	.29	.058	4	19	.42	126	.11	5	2.64	.02	.09	1	2
A 0+00	1	32	12	99	.1	12	7	621	2.86	3	5	ND	1	35	1	2	2	43	.45	.166	4	13	.50	179	.09	12	3.73	.02	.12	1	2
A 0+50S	1	8	6	64	.1	5	3	697	1.39	2	5	ND	1	17	1	2	2	19	.24	.155	3	7	.09	135	.09	4	3.02	.03	.04	1	1
A 1+00S	1	47	4	85	.1	18	14	848	4.44	3	5	ND	2	42	1	2	2	102	.40	.033	13	25	.96	138	.09	2	2.49	.02	.22	1	1
A 1+50S	1	53	8	82	.1	16	12	684	4.13	5	5	ND	2	50	1	2	2	62	.52	.038	10	20	.96	106	.09	4	2.96	.03	.29	1	4
A 2+00S	1	77	8	92	.4	25	14	731	4.61	7	5	ND	4	59	1	2	2	69	1.27	.033	12	31	1.23	123	.11	3	3.17	.05	.34	1	7
A 2+50S	2	53	8	120	.1	23	13	1065	4.35	6	5	ND	2	42	1	2	2	68	.47	.068	8	24	.97	196	.10	3	3.35	.03	.15	1	3
A 3+00S	1	79	10	88	.1	29	19	718	4.91	9	5	ND	3	57	1	2	2	104	.68	.039	8	36	1.85	129	.18	2	3.15	.03	.28	1	3
A 3+50S	2	71	7	75	.1	20	14	494	4.42	5	5	ND	2	46	1	2	2	95	.50	.041	9	27	1.62	97	.18	2	2.77	.03	.30	1	5
A 4+00S	1	179	12	82	.3	384	24	554	5.93	5	5	ND	2	83	1	2	2	167	1.11	.041	2	49	5.70	1054	.27	5	5.57	.02	1.58	1	1
A 4+50S	3	55	9	97	.1	43	15	797	5.16	7	5	ND	7	206	1	2	2	107	.64	.121	23	40	1.57	101	.19	6	3.15	.02	.24	1	1
A 5+00S	1	38	9	102	.1	108	13	490	4.05	7	5	ND	4	72	1	2	2	71	.44	.072	11	63	1.30	85	.12	2	3.21	.01	.15	1	1
A 5+50S	1	56	9	87	.2	33	9	778	3.80	5	5	ND	8	80	1	2	2	61	.63	.074	20	28	.85	45	.11	5	2.83	.02	.14	1	5
A 6+00S	1	102	5	96	.1	105	23	1113	4.70	14	5	ND	4	47	1	2	2	109	.66	.063	6	128	1.70	140	.20	6	2.77	.02	.22	1	1
A 6+50S	1	57	13	128	.1	37	17	1302	5.32	8	5	ND	4	43	1	2	2	81	.53	.106	9	36	.96	124	.08	4	3.09	.02	.17	1	1
A 7+00S	2	98	6	137	.1	250	31	492	5.20	2	5	ND	3	39	1	2	2	134	.49	.073	5	311	2.17	106	.25	5	3.23	.02	.34	1	1
A 7+50S	1	41	10	84	.3	49	11	393	3.36	6	5	ND	4	24	1	2	2	61	.25	.062	7	35	.81	76	.13	3	2.94	.02	.13	1	5
A 8+00S	1	49	8	89	.1	105	14	1026	3.60	3	5	ND	3	115	1	2	2	61	.84	.077	15	53	1.01	50	.10	3	2.48	.02	.13	1	1
B 0+00	1	128	9	110	.2	20	22	577	6.07	11	5	ND	3	61	1	2	2	183	.42	.072	6	23	1.96	126	.19	2	3.97	.03	.56	1	10
B 0+50S	1	95	11	126	.4	19	23	887	6.23	5	5	ND	2	41	1	2	2	167	.46	.062	5	23	1.43	176	.29	2	3.83	.04	.51	1	1
B 1+00S	1	131	5	94	.3	15	20	705	5.56	15	5	ND	2	41	1	2	2	150	.46	.059	5	16	1.52	126	.22	7	3.63	.02	.37	1	8
B 1+50S	1	104	7	84	.3	24	15	475	4.30	9	5	ND	3	33	1	2	3	99	.28	.075	9	31	1.15	154	.13	2	3.06	.02	.24	1	2
B 2+00S	1	76	9	101	.1	16	16	676	4.20	13	5	ND	3	31	1	2	2	108	.34	.067	5	22	1.04	119	.22	5	3.17	.02	.19	1	19
B 2+50S	1	145	9	75	.1	19	17	460	5.15	6	5	ND	3	22	1	2	2	133	.27	.050	8	21	1.36	70	.29	5	3.07	.02	.34	1	2
B 3+00S	1	244	9	101	.8	23	24	1000	6.64	24	5	ND	2	233	1	2	2	152	1.88	.053	6	24	1.49	95	.23	5	3.63	.08	.62	1	12
B 3+50S	1	64	10	93	.1	17	14	474	4.45	6	5	ND	2	75	1	2	2	87	.60	.032	7	20	1.57	162	.20	7	3.56	.02	.39	1	4
B 4+00S	1	75	5	72	.3	19	13	589	3.65	9	5	ND	2	91	1	2	2	75	7.52	.053	7	28	1.12	75	.12	2	2.04	.05	.31	1	6
B 4+50S	1	64	7	66	.1	21	15	545	4.18	6	5	ND	2	46	1	2	2	89	.66	.034	8	31	1.32	90	.17	2	2.63	.03	.31	1	3
B 5+00S	2	97	5	68	.1	74	21	615	4.71	3	5	ND	5	34	1	2	2	122	.68	.120	11	57	1.83	217	.21	2	2.43	.02	.47	1	1
B 5+50S	1	42	7	76	.3	162	18	588	3.50	5	5	ND	2	32	1	2	2	58	.29	.069	5	76	1.02	110	.12	5	2.42	.02	.11	1	1
B 6+00S	2	134	12	124	.1	41	30	1719	6.87	15	5	ND	5	46	1	2	2	161	.59	.116	14	48	2.40	83	.09	2	3.58	.01	.26	1	1
B 6+50S	2	53	12	90	.1	55	14	443	3.78	39	5	ND	3	31	1	3	2	72	.41	.059	9	68	1.06	88	.11	3	2.36	.02	.22	1	2
B 7+00S	1	15	7	114	.2	24	10	1061	3.69	3	5	ND	3	40	1	2	2	56	.36	.088	8	20	.80	405	.07	5	3.17	.01	.11	1	1
B 7+50S	1	39	13	93	.2	33	11	740	4.08	5	5	ND	6	78	1	2	2	63	.46	.054	16	32	.81	228	.10	7	4.11	.02	.12	1	1
B 8+00S	1	45	12	85	.1	20	11	1051	3.96	4	5	ND	7	159	1	2	2	62	.99	.070	16	22	.94	78	.09	4	3.17	.02	.20	1	1
STD C/AU-5	19	58	39	127	7.4	70	29	1040	4.09	40	17	8	39	52	18	16	19	57	.46	.086	39	60	.86	175	.07	35	1.91	.06	.13	11	49

PETER A. CHRISTOPHER PROJECT-PITA PROJECT FILE # 87-5516

SAMPLE#	MO PPM	CU PPM	PB PPM	ZN PPM	AG PPM	NI PPM	CD PPM	MN PPM	FE I	AS PPM	U PPM	AU PPM	TH PPM	SR PPM	CD PPM	SB PPM	BI PPM	V PPM	CA I	P I	LA PPM	CR PPM	MG I	BA PPM	TI I	B PPM	AL I	NA I	K I	W PPM	AJU# PPB
Z 6+00N	1	40	16	193	.1	21	17	1156	4.58	7	5	ND	2	28	1	2	2	96	.35	.058	4	26	.98	163	.21	3	2.76	.02	.16	1	1
Z 5+75N	1	30	14	108	.1	14	11	520	3.66	8	5	ND	3	36	1	2	2	72	.24	.087	3	12	.52	111	.18	3	4.02	.02	.12	1	2
Z 5+50N	1	29	11	142	.1	23	12	514	3.34	8	5	ND	2	12	1	2	2	70	.16	.089	3	18	.48	97	.17	3	2.90	.02	.09	1	1
Z 5+25N	2	39	13	174	.1	42	15	592	4.04	10	5	ND	2	15	1	2	2	88	.19	.063	2	22	.85	116	.21	4	3.60	.02	.12	1	1
Z 5+00N	1	67	11	107	.1	176	23	593	4.43	12	5	ND	3	31	1	2	2	94	.64	.074	3	81	1.79	171	.15	13	2.57	.02	.21	1	7
Z 4+75N	2	35	17	138	.2	177	17	831	3.87	23	5	ND	2	15	1	2	2	70	.27	.117	3	54	1.03	129	.14	5	2.77	.01	.11	1	2
Z 4+50N	1	66	14	117	.1	137	18	539	4.49	14	5	ND	3	31	1	2	2	110	.32	.059	5	101	1.86	175	.19	2	3.11	.02	.22	1	1
Z 4+25N	2	45	13	218	.1	39	16	1183	4.06	12	5	ND	2	21	1	2	2	84	.21	.102	5	33	.85	157	.16	6	3.22	.02	.09	1	1
Z 4+00N	5	121	15	266	.2	99	26	637	6.33	11	5	ND	4	36	1	2	3	160	.27	.112	5	58	1.53	174	.24	5	3.34	.02	.16	1	16
Z 3+75N	4	56	8	208	.1	72	21	1931	4.43	5	5	ND	2	32	1	2	2	117	.32	.098	4	47	.99	160	.19	2	1.94	.02	.13	1	57
Z 3+50N	2	37	9	111	.3	24	11	349	3.61	12	5	ND	4	26	1	3	2	70	.33	.270	3	23	.55	74	.15	2	3.39	.02	.10	1	2
Z 3+25N	2	9	16	111	.2	23	7	495	2.68	17	5	ND	2	12	1	2	2	41	.17	.203	3	20	.20	65	.14	4	3.40	.02	.04	1	1
Z 3+00N	2	24	10	168	.1	70	11	475	3.21	10	5	ND	3	19	1	2	2	56	.24	.162	4	45	.57	109	.14	4	2.89	.02	.07	1	1
Z 2+75N	2	77	15	167	.1	219	19	513	3.99	8	5	ND	4	36	1	2	2	89	.34	.209	5	111	1.08	162	.15	4	3.25	.02	.11	1	1
Z 2+50N	2	47	12	129	.1	176	17	469	3.62	10	5	ND	2	33	1	2	2	80	.34	.126	4	71	.85	115	.16	5	2.85	.02	.12	1	1
Z 2+25N	2	10	16	110	.1	29	6	524	2.25	18	5	ND	3	22	1	2	2	32	.33	.199	3	25	.19	62	.13	3	4.17	.02	.03	1	3
Z 2+00N	3	99	9	142	.1	180	21	458	5.15	19	5	ND	3	40	1	2	2	117	.40	.055	6	64	1.30	77	.16	7	3.12	.02	.05	1	2
Z 1+75N	1	85	14	141	.1	215	14	569	3.91	12	5	ND	4	47	1	2	2	78	.49	.039	10	39	1.13	120	.15	2	2.81	.03	.16	1	1
Z 1+50N	1	79	17	117	.1	150	14	498	4.10	8	5	ND	5	32	1	2	2	81	.30	.048	6	47	1.05	144	.15	3	3.60	.02	.10	1	1
Z 1+25N	1	32	15	111	.2	37	10	544	2.95	11	5	ND	3	18	1	2	2	58	.19	.086	4	26	.55	93	.13	4	3.07	.02	.07	1	1
Z 1+00N	1	21	5	143	.2	34	9	997	2.43	4	5	ND	2	13	1	2	2	46	.15	.068	4	28	.45	105	.12	2	2.40	.02	.04	1	2
Z 0+75N	1	23	14	125	.1	19	9	820	2.87	14	5	ND	2	20	1	2	2	51	.26	.165	3	24	.42	130	.13	5	4.62	.02	.04	2	1
Z 0+50N	1	70	9	87	.1	28	13	596	3.96	10	5	ND	3	31	1	2	2	82	.37	.062	7	30	1.17	113	.14	2	3.10	.02	.20	2	1
Z 0+25N	1	25	16	98	.1	18	9	349	3.12	12	5	ND	2	18	1	2	2	54	.24	.131	4	21	.52	100	.13	4	4.21	.02	.05	1	1
Z 0+00	1	42	16	126	.1	18	12	1285	3.94	11	5	ND	2	23	1	2	2	76	.36	.084	6	24	.85	131	.13	5	3.10	.02	.10	1	1
STD C/AU-S	18	57	41	131	6.9	68	27	1071	3.97	40	18	7	36	49	17	15	19	58	.47	.083	37	58	.87	175	.06	33	1.84	.06	.13	12	52

PETER A. CHRISTOPHER PROJECT-PITA PROJECT FILE # 87-5516

SAMPLE#	MO	CU	PB	ZN	AG	NI	CO	MN	FE	AS	U	AU	TH	SR	CD	SB	BI	V	CA	P	LA	CR	MG	BA	TI	B	AL	NA	K	W	AUX
	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	%	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	%	%	PPM	PPM	%	PPM	%	PPM	%	%	%	PPM	PPB
P87104-#1	2	15	13	11	.5	1	1	38	1.34	4	5	ND	1	3	1	2	43	2	.01	.002	2	3	.01	5	.01	2	.03	.01	.04	2	590