

FILE No.

NAME J & L

SUBJECT CLIPPINGS

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J & L

82M003
-03
PROPERTY FILE
004765

Jun/92 drilling of the Dry Hill area returned 18 metres of 0.34% copper and no gold; trenching within this 1500 x 1500 m area returned 1.5% copper, in oxides, from a 1.8 x 12 m section at the contact of feldspathic sediments and andesite. Mar/92 drilling at Camals Hill returned 220m of 0.42% copper and 0.17 g/t gold (CAM92-01) in an area of known mineralization, which is being tested at 61 metre centres. At least 12 holes were completed on this target to Jun/92. In Jan/92 drilling began on the Connors prospect; hole CON92-1 cut 143 m at 0.53% copper and 0.48 g/t gold, CON92-2 cut 0.22% copper between 365 and 530 metres and CON92-3 returned 98 at 0.46% copper and 0.17 g/t gold to a depth of 112 metres.

Prior exploration has indicated that the Camel Hill deposit has an average grade of 0.4% copper along a strike of 300 metres and width of 200 metres, with a 14 metre section grading 0.6% copper; no gold assays were taken during the prior work. In addition to Camel Hill 9 other targets have been indicated. The Grant's area includes a 122 m by 610m section with results ranging from 0.08-9.0% copper, 0.03-2.9 g/t gold, and 3.1-95.3 g/t silver. The Old Woman discovery hosts grades of 1.43-6.39% copper. Mitchell's Hill discovery ranged from 2.22-7.16% copper. The Connors zone, the Diamond East and the Diamond West areas host copper.

J & L, BC, CANADA

Workings: Underground, exploration
 Reserves: Indicated geological (1,870 kt) -
 Silver (2.22 oz/t), Lead (2.6%),
 Zinc (4.4%), Gold (0.216 oz/t)
 Indicated geological (676 kt) -
 Silver (1.6 oz/t), Lead (2.6%),
 Zinc (7.3%)
 Inferred (3,380 kt) -
 Silver (2.1 oz/t), Lead (2.7%),
 Zinc (4.3%), Gold (0.21 oz/t)
 Inferred (327 kt) -
 Silver (1.63 oz/t), Lead (2.6%),
 Zinc (7.4%)
 Owners: Equinox Resources Ltd (50%)
 Pan American Minerals Corp (50%)
 Opportunity: Seeking a joint venture partner to
 continue work on the property
 following Cheni Gold's withdrawal.
 Contact: EQUINOX RESOURCES LTD
 SUITE 900-625 HOWE STREET
 VANCOUVER, BC CAN, V6C 2T6
 Tel: (604) 684-1175
 Fax: (604) 684-0147

The property consists of 295 units covering 11,800 acres located 20 miles north of Revelstoke, B.C. Polymetallic massive sulphide deposit within highly

deformed shear zone in phyllite and limestone, 2 miles x 8.2 feet. The parallel Yellowjacket zone, discovered in 1991, is arsenic-free and contains zinc, lead, silver mineralization.

A 300 ton-per-day pilot plant test in 1989-90. 1990-91 program of 32,700 feet of diamond core drilling in 61 holes and 2,260 feet of underground tunnelling increased Main Zone reserves and discovered the Yellowjacket Zone. Surface exploration and metallurgical work continued in 1991 to test western extensions of Yellowjacket and Main zones.

The Main Zone is a polymetallic massive sulphide deposit with an average gold and gold equivalent of 0.41 oz/ton with tonnage potential of more than 3.3 million tons. Probable reserves include 1.9 million tons and this zone is open along strike in both directions. July/91 Main zone extended 1.55 miles to the west and drilling has confirmed continuity of Yellowjacket zone to the east. Dec/90 reserve for the Yellowjacket includes 1,000,000 tons grading 7.4% zinc, 2.6% lead and 1.6 oz/ton silver.

JOB'S HILL/SUE RIVER (SEPL 337), JAMAICA

Workings: Surface, exploration
 Reserves: Silver (75.4g/t -sample assay)
 Gold (4.2g/t - sample assay)
 Copper (8.9% - sample assay)
 Molybdenum (0.14% -sample assay)
 Owners: Tantalus Resources Ltd
 Citadel Gold Mines Inc.
 Opportunity: Seeking joint venture partner
 Contact: CITADEL GOLD MINES INC
 150 SIGNET DRIVE
 WESTON, ON CAN, M9L 1T9
 Tel: (416) 748-5567
 Fax: (416) 749-9578

55,940 ha Special Exclusive Prospecting Licence (SEPL) includes the Sue River & Job's Hill prospects. EXPLORATION [SUMMARY] PROPOSAL (JAN/92) 2551 E16.

Copper-gold in bulk tonnage settings. Cretaceous Mount Charles Formation hornfelsed cherts, argillites, arenites and andesitic tuffs; and Border Formation andesitic flows and pyroclastics with intercalated clastic sediments, all intruded by Above Rocks syenite to granodiorite. Wagwater Formation conglomerates and intermediate volcanics are in fault contact with the other units. Mineralization associated with a tonalite plug and shearing.

Previous work, by Cominco, includes 3 drill holes to

16
N. Miner Feb 28, 95
B.P.'s exploration arm reaches coast-to-coast

During the past year, the exploration divisions of **Selco** and **B.P. Minerals** were combined into a single unit. One of the advantages will be the ability to draw on geological expertise and ore deposit concepts developed in the B.P. Group operations in other parts of the world.

Dr. C. M. H. Jennings, vice-president exploration, tells *The Northern Miner* that the budget for 1985 is expected to be in the \$12-\$15-million range for Canada. This is slightly up from last year's budget to provide for a major drilling program at the promising Chetwynd gold prospect in Newfoundland.

The Selco division currently holds properties in B.C., N.W.T., Saskatchewan, Manitoba, Ontario, Quebec, Newfoundland, Nova Scotia and New Brunswick. Total gross holdings amount to 411,190 ha.

Major exploration offices are located in Toronto and Vancouver with smaller offices in Castlegar, Kamloops, Winnipeg, Thunder Bay and Halifax.

The Selco division has a staff of 36 geoscientists and 23 additional support members.

Joint ventures include the J & L property near Revelstoke, B.C., with **Pan American Energy Corp.**; the Aylwin property near New Denver, B.C. with **Rio Algom**; the Buck Creek property near Houston, B.C. with **Cominco** and a property in Quevillon Twp., Que., with **Noranda**.

Objectives are to carry out a search mainly for precious metals and polymetallic deposits with precious metal credits in the Cordillera, Shield and Appalachians. A key part of the exploration effort will be a vigorous search for opportunities to farm-in to or purchase of mineral properties of interest held by others.

During 1984 work was concentrated on the Aylwin, Chetwynd and J & L prospects. At Chetwynd, significant near-surface gold mineralization was discovered near the old Chetwynd copper prospect on the south coast of Newfoundland, about 80 km east of Port aux Basques. During 1984 widely spaced scout drill holes were completed over a distance of 2,500 m for a total of 1,962 m. In addition pattern drilling totalling 4,537 m was carried out on the main Hope Brook zone along a 500-m zone.

In 1985 a major drill program will be undertaken to determine the depth, extent and continuity of mineralization between the current relatively widely spaced holes. It is hoped that reserve definition drilling and preliminary feasibility studies will be completed

this year. This property is 100% owned by **B.P. Canada**.

At the J & L property north of Revelstoke, B.C., underground development on the 830-m level drift was continued and the mineralized zone which has been traced at surface for 1,850 m, has now been followed for approximately 800 m underground. Four zones outlined to date by this development total 5,870 tonnes per vertical metre grading 2.12% lead, 3.91% zinc 5.70 grams gold, 58.04 g silver and 4.87% arsenic with an average true width of 2.68 m.

Widely spaced drilling has proved consistent mineralization for at least 50 m above and 70 m below the 830-m adit

At the Aylwin gold-copper property in which **Rio Algom** has a 28% interest, (8 km south of Silverton, B.C.) a major drilling program was undertaken in 1984. Two zones have now been indicated with the following preliminary mineralized reserves:

□ Main zone — 3.4 million tons at 1.48 g gold, 0.32% copper and 4.8 g silver.

□ West zone — 1.8 million tons at 2.93 g gold, 6.66% copper and 9.3 g silver.

This latter includes a higher grade zone of 560,000 tons grading 6.25 g gold, 0.94% copper and 13.94 g silver.

Some encouraging surface sampling results (gold, silver) were obtained at the Buck Creek property near Houston, B.C., as well as encouraging drill results (gold) obtained over narrow widths at the Wisconsin property near Nelson (optioned from **Esperanza Explorations**).

N. Miner March 7 5
J 4 082M 003; AYLWIN 08-114W
BP Selco budget permits major drilling at Chetwynd

During the past year, the exploration divisions of **Selco** and **B.P. Minerals** were combined into a single unit with the result that Selco is now the mineral exploration division of **B.P. Canada** and is referred to as **B.P. Selco**.

One of the advantages of the reorganization will be the ability to draw on geological expertise and ore deposit concepts developed in the B.P. Group operations in other parts of the world.

Dr. C. M. H. Jennings, vice-president exploration, tells *The Northern Miner* that the budget for 1985 is expected to be in the \$12-\$15 million range for Canada. This is slightly up from last year's budget to provide for a major drilling program at the promising Chetwynd gold prospect in Newfoundland.

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INLAND NATURAL GAS CO., LTD. (INL-T,M,V)

<u>6 MONTHS ENDED 31 DECEMBER</u>	<u>1984</u>	<u>1983</u>
Gas Sales	\$109,128,000	\$101,104,000
Crude Oil & Other Transport.	19,563,000	20,103,000
Other Operating Revenue	<u>1,466,000</u>	<u>708,000</u>
Total Revenue	130,157,000	121,915,000
Cash Flow	9,452,000	9,885,000
Net Income	3,713,000	3,279,000
Preference Share Dividends	597,000	612,000
Profit Applicable to Common	3,116,000	2,667,000
Per Common Share	\$1.07	92¢
Common Shares Outstanding	2,906,000	2,904,000
Working Capital Deficit	\$20,778,000	\$37,723,000

In the 6 months ended 31Dec84, natural gas sales by Inland Natural Gas Co. Ltd. increased by 7% to 32,559,000 gigajoules from 30,498,000 gigajoules in the first six months. About half of this increase was attributable to residential and commercial customers as a result of weather that was almost 17% colder than normal and 6.5% colder than in the same period a year ago. The number of those customers increased by 5,600 to a total of 123,900 at 31Dec84. The rest of the increase resulted from increased sales of about 1,000,000 gigajoules to large industrial customers primarily in the pulp, paper and coal mining industries.

By a 25Jan85 decision of the B.C. Utilities

Commission, Inland is allowed to set rates based on a return on equity of 15.75%. By a 25Nov83 decision, Inland's wholly-owned Columbia Natural Gas Limited's allowable return is 15.5%. For non-residential customers, these rates are less than those the Commission authorized on an interim basis on 1July84, so Inland and Columbia have been ordered to refund the over-collection with interest to those customers. The refunds on an annual basis would amount to \$860,000 for Inland and \$200,000 for Columbia, but the actual refunds will only apply to gas consumed between July 1 and the effective dates of the revised tariffs. Revenue from gas sales in the adjoining table reflects refunds for gas sold in the 6-month period.

Inland owns 67% equity interest in Trans Mountain Pipe Line Company Ltd. Consolidated operating revenue from crude oil and other transportation decreased marginally to \$19,600,000 (see table) reflecting a decrease in average daily deliveries from 24,024.2 cubic metres to 23,208.2 cubic metres during the period. The decrease in delivery was partially offset by a toll increase of about 8% effective 1Sep84.

PAN AMERICAN ENERGY CORP (PAA-V,T)

082M 003

<u>D.D.#</u>	<u>Location</u>	<u>Oz.Gold/T</u>	<u>Oz.Silver/T</u>	<u>Zinc %</u>	<u>lead %</u>	<u>True Width</u>
84-2	500 X-CUT(-90 d)	0.05	0.59	3.73	0.92	33.79 ft.
84-4	670 X-CUT(-90 d)	0.23	5.19	9.70	8.50	6.56
84-5	670 X-CUT(-45 d)	0.18	1.06	2.41	1.67	20.34
84-6	670 X-CUT(-30 d)	0.07	0.75	1.18	0.82	5.90
84-7	820 X-CUT(-45 d)	0.12	1.24	5.99	2.06	32.15
84-8	820 X-CUT(-90 d)	0.13	1.02	5.00	1.17	34.44
84-9	820 X-CUT(-30 d)	0.02	0.21	1.94	0.51	11.97

TONNAGE IN SECOND ZONE TO BE TESTED

Pan American Minerals Corp. has received encouraging preliminary results from the Selco Division of B.P. Canada Inc. on the 1984 drift-drill exploration at the J & L Main Sulphide Zone, located 30 km north of Revelstoke, B.C.

Drift face assays and drilling have outlined a zone of massive and disseminated arsenical gold-silver-lead-zinc sulphide which is open up and down plunge from the 830 metre level. This zone has a strike length of 470 feet and averages 0.21 oz.gold/t, 1.27 oz.silver/t, 3.11% zinc and 1.67% lead over a true width of 13.41 feet. A second zone was encountered for 238 feet and was still open along strike. Further drifting is planned to delineate this zone when work resumes in 1985. The seven diamond drill holes (SEE TABLE AND MAP OVERLEAF) indicate the thickness and of the zone up and down dip from the drift.

Surface mapping and sampling north of McKinnon Creek, has traced the North Zone for a strike length of 3,772 feet and chip samples from 45 mineral showings have outlined narrow lenses of arsenopyrite and pyrite with appreciable gold (0.01 to 0.46 oz/ton) and low base metal values. The sulphide lenses lie within quartzite and phyllite above a limestone band and further sampling and definitive work is planned for 1985.

DOME PETROLEUM LIMITED (DMP-T,M)

EXPORT OF "SHUT-IN" - Dome Petroleum Limited have National Energy Board approval to export 4 shiploads totalling some OIL IS APPROVED 1,150,000 barrels of medium and heavy crude oil to be supplied by Dome and a number of other producers in western Canada. This sale effectively eliminates the industry's shut-in medium and heavy crude oil for the month of February. About half the crude will come from Alberta and half from Saskatchewan. It will be shipped via the Interprovincial Pipeline System and loaded onto ships in Montreal for delivery to customers in the U.S. Gulf coast area. The first ship is expected to leave Montreal for delivery to customers in the U.S. Gulf coast area. The first ship is expected to leave Montreal before the end of February.

Dome management are pursuing opportunities to sell oil which would otherwise be shut-in March, and beyond.

NORTHERN DYNASTY EXPLORATIONS LTD. (NDX-V)

PRODUCTION PERMITS FILED FOR NEVADA PROJECT - Northern Dynasty Explorations Ltd. has applied for approval of proposed 1985 heap-leach gold production from the Little Bald Mountain property, White Pine County, Nevada. No. problems are anticipated with approval of these applications. Results of leach column tests on representative bulk samples from the Little Bald Mountain property, indicate rapid recovery in excess of 80% can be anticipated under field conditions. Engineering feasibility and sensitivity studies continue on the Zone 1 mining project with completion scheduled for mid-March.

A number of major companies show continued interest in Northern Dynasty's Zeka project adjacent to Cominco's Buckhorn Mine in Eureka county, Nevada as well as in the precious metals properties acquired in a joint venture with Newfields Minerals Inc. (30%) in northern Ontario. (SEE MAPS OVERLEAF PAGE TWO). The recently published Ontario Geological Survey "Summary of Fieldwork 1984" focuses on two areas of claim holdings by the venture in the Eyapamikama Lake and Dempster Lake areas. The report encourages exploration in both areas and specifically states that the "bande iron formation," which is the host lithology for the Opapimiskan Deposit and extends through the Eyapamikama claims "has probably been overlooked to date as a potential gold exploration target," because of its relatively subdued magnetic response and "it is highly recommended that this area be explored in detail." A sample taken by Ontario Geological Survey personnel from one of Northern Dynasty's Eyapamikama Lake properties assayed 10.9 ppm gold (0.3 ounces/ton).

PAN AMERICAN ENERGY CORP. (PAA-V,T)

SELCO DIVISION OF B.P. CANADA INC.

J & L PROJECT, 30 KM NORTH OF REVELSTOKE, B.C.

N. W.

S. E.

Elev.
900m

83-19 ○ $\frac{1.15, 2.31, 81, .06}{9.15 (4.53')}$

83-18 ○ $\frac{2.58, 6.72, 1.71, .07}{11.38 (7.22')}$

84-6 ○ $\frac{0.82, 1.18, .75, .07}{9.12 (5.90')}$

84-9 ○ $\frac{0.51, 1.94, .21, .02}{19.06 (11.97')}$

850 m

300' X-CUT

1984 Development

670' X-CUT

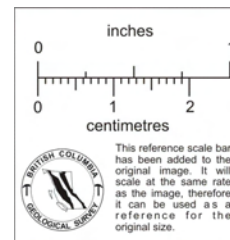
820' X-CUT

800 m

83-17 ○ $\frac{1.11, 2.03, 2.63, .16}{9.71 (8.46')}$

84-5 ○ $\frac{1.87, 2.41, 1.06, .18}{20.6 (20.34')}$

84-7 ○ $\frac{2.06, 5.98, 1.24, 0.12}{32.14 (32.14')}$



84-8 ○ $\frac{1.17, 5.00, 1.02, 0.13}{46.74 (34.44')}$

84-2 ○ $\frac{0.92, 3.73, 0.59, 0.05}{50.64 (33.78')}$

84-4 ○ $\frac{8.50, 9.70, 5.19, 0.23}{11.35 (6.56')}$

LEGEND

84-2 ○

DIAMOND DRILL HOLE
MINERALIZED INTERSECTION

0.92, 3.73, 0.59, 0.05
50.64 (33.78')

% Pb, % Zn, g/t Ag, g/t Au
core length (true width), feet

0 25 50 100 150 200 250 300 Feet

0 10 20 30 40 50 100 metres



SELCO DIVISION -
BP RESOURCES CANADA LIMITED

J & L PROJECT
LONGITUDINAL SECTION
830 m LEVEL ADIT

SCALE	DRAWN BY: R PEGG	/E
DATE DEC, 1984	DRAFTED BY: C H K	
N.T.S. 82 M/8E	PROJ 10120	REPORT BPVR 84-

GAUL #37 21 FEB 1985

PAN AMERICAN ENERGY CORP (PAA-V,T)

82M/8E (082M-083)

D.D.#	Location	Oz.Gold/T	Oz.Silver/T	Zinc %	Lead %	True Width
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GCNL # 227
26 NOV 1984

PAN AMERICAN ENERGY CORP. (PAA-T.V)

82M/8E (082M 003)

HIGHER METAL VALUES REPORTED IN 1984 WORK - Significantly higher metal values have been encountered in the 1984 underground work than in the 1983 work. Pan American Minerals Corp., commenting on the work by Selco Division of B.P. Canada on the J & L gold, silver, lead, zinc prospect in 1984 has reported: "Sample assays along the 1,036 feet suggest that metal values in the sections of massive and disseminated sulphides encountered this year have increased significantly from those reported from last year's work." In January 1984 the company reported a strata bound massive sulphide zone over a 642 foot length of drift, and a 500 foot vertical distance, having an average width of 11.74 feet returned an average grade of :

0.13 oz. gold/t, 1.45 oz. silver/t, 1.43% lead, 2.84% zinc

The property is located along Carnes and McKinnon creeks on Goat Mountain, 30 km north of Revelstoke, B.C. Pan American have a 30% carried interest in the J & L property until a production decision when their interest becomes 30% working interest.

Nin Quan, president of Pan American reported that Selco has spent \$1,100,000 in 1984 to bring their total expenditure to over \$3,000,000 to date. The underground adit level has been extended 1,036 feet along the Main zone this year and another 446 feet of crosscuts have been cut to provide access for two diamond drill stations. More than 3,200 feet of diamond drilling is now being completed from the adit and crosscuts to recover core samples from the Main Zone above and below the adit level. Results from the diamond drilling and a complete report of this year's program will be received from B.P. Canada in early 1985.

North of the adit across McKinnon Creek, surface mapping by B.P. Canada has traced a sulphide zone for at least 4,000 feet on properties controlled by Pan American and Selco-B.P. Gold values between 0.11 and 0.21 oz. per ton are present in the sulphides over narrow widths.

Shares of Pan American were called for trading on the Toronto Stock Exchange Oct. 9, 1984.

In the six months ended 30 Sep 84, Pan American received \$284,000 from the sale of shares plus \$27,843 interest income, spent \$57,784 on administration and ended the period with working capital of \$605,598 and 3,098,000 shares issued. (See GCNL 12. Jan. 18, 1984 for some detail assays from underground sampling and diamond drill holes.)

NMINER
6 DEC 1984

Pan American results

VANCOUVER - Pan American Minerals has received a report from the Selco division of B.P. Canada stating that the \$1.1-million 1984 exploration program on the company's Revelstoke, B.C., gold property has been completed.

To date B.P. Canada has spent nearly \$3 million on exploration on the property, said Pan American President Nin Quan. The underground adit has been extended 1,036 ft. along the Main zone and another 466 ft. of crosscuts have been cut to provide access for two diamond drill stations, he said. Sample assays along the 1,036 ft. suggest that metal values in the sections of massive and disseminated sulphides encountered this year have increased over last year's.

More than 3,200 ft. of diamond drilling has been completed from the adit and crosscuts to recover core samples from the main zone. A complete report on the 1984 program will be available in early 1985, said Mr. Quan.

North of the adit, surface mapping by B.P. Canada has traced a sulphide zone for at least 4,000 ft. Gold values between 0.11 and 0.21 oz. per ton were returned from samples of the sulphides over narrow widths.

82M/8E (082M 003)
J. L. Tam

Folder 1
1

NMINER

1 SEPT 1983

82M/8E

Pan American Energy says that Selco Inc. has started testing the main sulphide zone on its J&L prospect near Revelstoke, B.C. Last year Selco spent about \$350,000 on the property and confirmed much of the earlier work done there. But this year's program will involve expenditures of \$1.5 million for extensive underground development work and

drilling which should be completed by Dec. 1 this year.

According to Pan American, the purpose of the program is to test the strike and down dip potential of the known auriferous massive lead-zinc-silver zone and to determine the potential of the footwall zone. Canadian Mines Services is doing the work and had rehabilitated 750 ft. of existing adit and completed 130 ft. of new drift and cross-cuts on the 2,700 level by Aug. 23.

The company also says surface mapping and sampling has extended the main zone to 6,000 ft. south of the 2,700 portal and work is in progress on a sulphide showing north of McKinnon Creek. All the surface program will be completed by mid-September.

82M003

NMINER

26 JAN 84

82M/8E

Selco Inc. has completed extensive development work on its J&L precious-base metals property near Revelstoke, B.C. The property is held under option from Pan American Energy which is carried for a 30% interest until production, after which it becomes a 30% joint venture interest.

The work program concentrated on the 830-ft. level adit where 1,174 ft. of drifting and 700 ft. of cross-cutting were completed last year. The drift encountered some arsenical lead-zinc-silver sulphide material near the top of a limestone unit for approximately 557 ft. before work was terminated for the winter. Eleven diamond drill holes intersected the main

sulphide zone for some 4,682 ft. of drill core.

Pan American also notes that surface exposures indicate the mineralized zone could continue for another 6,000 ft. and assay samples from the face of the drift taken at approximately 10-ft. intervals returned a weighted average of 0.15 oz. gold, 1.96 oz. silver, 1.7% lead and 3.6% zinc over a true width of 5.9 ft.

82M003

NO.33(1983)
FEBRUARY 17, 1983

GCNL #33 17 FEB 1983

PAN AMERICAN ENERGY CORP.

SECOND PHASE BUDGET FOR 1983 INCLUDES DRILLING OF GOLD - SILVER MINE NEAR REVELSTOKE, B.C.

- Pan American Energy Corp. has a 30% carried net profits interest in the J & L gold, silver, lead, zinc property on Goat Mountain along Carnes and McKinnon Creek near Revelstoke, B.C. Selco Inc., under a December 16, 1981

agreement, can earn a 70% interest in the property by placing it into production. During 1982 Selco spent approximately \$350,000 on exploration. A similar budget of \$350,000 is anticipated for 1983 work which is to include ground geophysics and geochemical surveys to detail anomalous targets already located and then test these targets by diamond drilling.

Property work by Selco since the option was granted has included metallurgical research on mineralized samples from underground. Preliminary results are considered encouraging and further research is continuing since it is an important part of this property assessment. Airborne electromagnetic surveys were carried out using Quester Input and Dighem II instruments. They located a number of conductors in a favourable geological formation. In total, the surveys covered 1,095 line kilometers. A total of 15.5 kilometers of road were rehabilitated or built new to give access to the 823-meter adit level and plans call for road access to the 975-meter adit level as conditions permit. A base line and grid were established to aid in reconnaissance and detailed geological mapping and location of some 30 old trenches and pits. Sulphide mineralization has been traced for 1,450 meters horizontally and 377 meters vertically from the 823-meter adit.

This property work has located three parallel strata-bound sulphide zones. They are the: West, Main and Copper zones. Selco has reported that sampling and assaying of mineralization at the Main Zone has partially confirmed the tenor of the zone. Previous values were reported as: 200,000 tons across an average width of 3.34 feet with a weighted average of: 0.23 oz. gold per ton, 3.26 oz. silver per ton, 4.31% lead, 5.86% zinc. Also previously reported was the weighted average assay from six bulk samples as follows: 0.5 oz. gold per ton, 6.07 oz. silver per ton, 8.02% lead, 11.9% zinc, 10.92% arsenic, 0.2% copper.

Pan American Energy Corp. is seeking other mineral properties worthy of exploration. The company is also pleased to announce the appointment of Ken Sanders, P. Eng. as a director.

82M/1E

82M003

GCNL #12 18JAN84

PAN AMERICAN ENERGY CORP. (P.A.E.)

SELCO INC.

82M/8E

500 FT. VERTICAL, 557 FT. LONG AVERAGE 6 FT. WIDE STRATA BOUND MASSIVE SULPHIDE GOOD ASSAYS

AVERAGE 0.15 OZ. GOLD/T, 1.06 OZ. SILVER/T, 1.70% LEAD, 3.55% ZINC OVER 557 DRIFT LENGTH -

Hole	True width	Oz. Gold/T	Oz. Silver/T	Lead %	Zinc %
Average of Channel Samples Along 557 Ft. of the 800 Level					
5.9 Ft.	0.18	2.37	1.70	3.55	

Nin Quan, president of Pan American Energy Corp., reports being advised by Selco Inc., a division of BP Exploration Canada Limited, on the results of exploration in the main sulphide zone of the J & L gold, silver, lead, zinc prospect near Revelstoke, B.C. Pan American have 30% carried interest in the J & L property until a production decision when it becomes a 30% joint venture interest.

Drilled from 350 crosscut

83-14	7.2 Ft.	0.15	5.0	2.76	6.01
83-15	9.2	0.23	2.55	1.95	2.16
83-16	1.6	0.12	2.19	2.45	1.02
83-34	2.9	0.42	1.93	1.49	1.97

Drilled from 500 crosscut

83-17	9.7	0.16	2.63	1.11	2.03
83-18	7.2	0.07	1.71	2.58	6.72
83-19	4.5	0.06	0.81	1.15	2.37

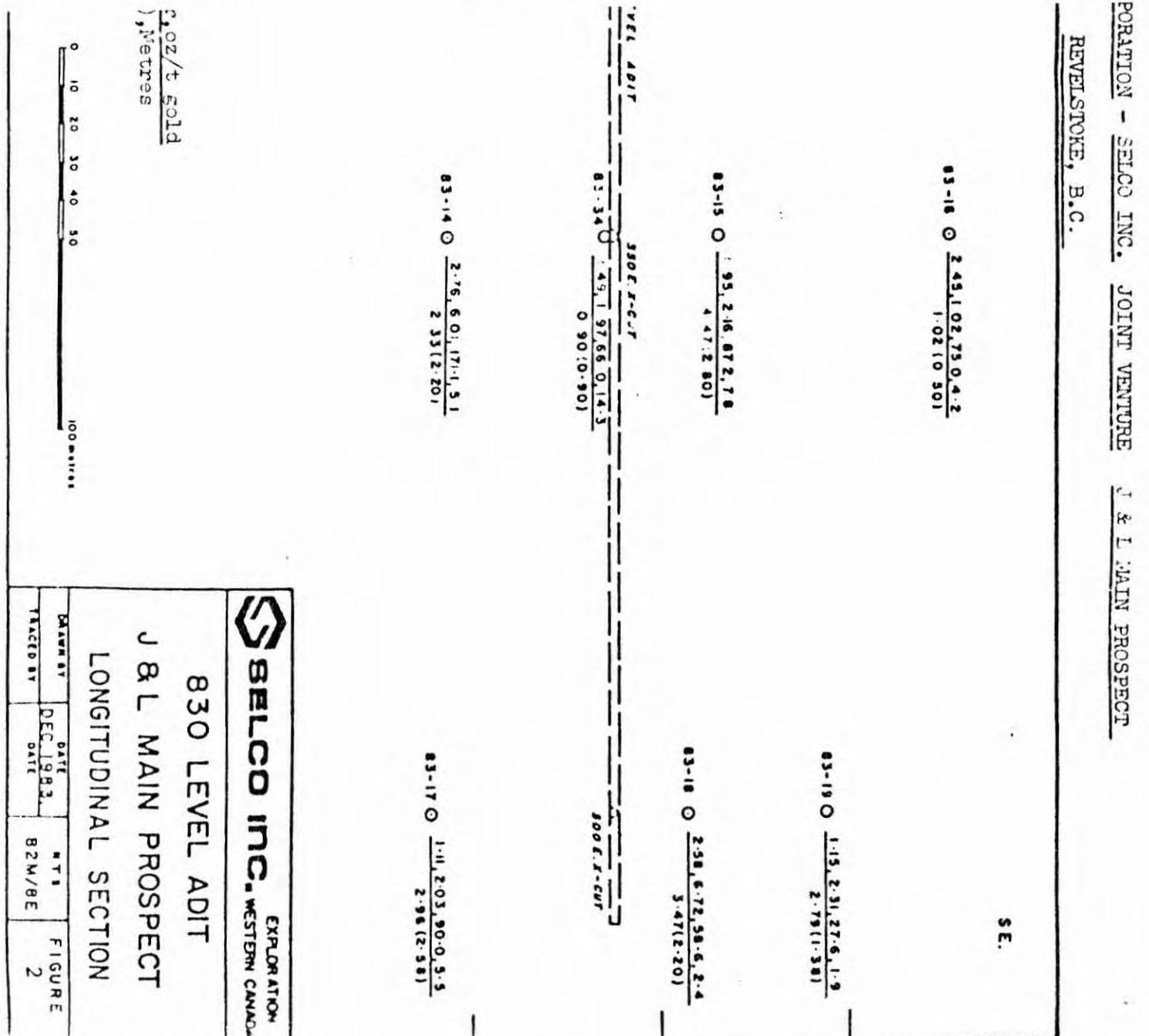
Drilled from 200 crosscut

83-8	1.9	0.16	2.06	1.87	3.48
83-10	0.6	0.44	2.38	1.96	5.22
83-11	1.15	0.01	2.17	0.27	0.40

Between August and December Selco completed 571.59 meters of underground rock work including

1,174 feet of drifting on the Main zone plus 686 feet of drifting on the No. 200, 350 and 500 crosscuts, plus eleven diamond drill holes for a total of 4,683 feet of diamond drilling. (See diagram overleaf page 4). The underground work channel-sampled the significant strata-bound massive sulphide zone over a length of 557 feet and across an average width of 5.9 feet. (See table for values). The eleven drill holes tested the zone above and below the level over about 500 vertical feet. On surface, some 1,200 feet above the adit level mineralization, the zone has been traced by mapping over north-south distance of 6,000 feet.

82M003



GCNL #132 10 JULY 1984

PAN AMERICAN ENERGY CORP. (PAA-V)

SELCO INC.

82M/8E

START MADE ON 1984 PROGRAM OF \$1,100,000 ON - Pan American Energy Corp. has been advised by Selco - a Division of B.P. STRATA BOUND MASSIVE SULPHIDE MINERALIZATION Canada Limited that crews have started work at the J & L property along Carnes and McKinnon Creeks on Goat Mountain 30 Km north of Revelstoke, B.C. Work will include drifting and drilling. Selco Inc. under 16Dec81 agreement can earn a 70% interest in the property by placing it into production.

The 830 metre level adit will be extended on the sulphide zone for 315 metres (1033 feet) and two hangingwall cross cuts of 65 metres (213 feet) each will be cut to provide diamond drill access. Some 1000 metres (3280 feet) of BQ and J.V. diamond drilling are planned from the drift and crosscuts to test the sulphide zone up and down dip from the 830 metre level. The program will take four field months to complete at an estimated cost of \$1,100,000 Canadian.

Rocbore 1980 Limited of Kamloops, B.C., have been awarded the contract for this work and crews are now on site to prepare the camp and upgrade present water and airlines to facilitate the planned work.

Elsewhere on the property, field crews have started mapping and sampling the stratigraphic section north of McKinnon Creek with the aim of extending the known sulphides to this sector. Work since mid-June has succeeded in locating arsenical sulphide lenses within quartzites above McKinnon Creek, but no significant gold or base metal values have been encountered within these zones to date.

Further mapping and sampling is planned for the Arty claim block during late August when snow pack and slide conditions will permit ground work.

GCNL #174 10 SEPT 84

PAN AMERICAN ENERGY CORP. (PAA-V)

82M/8E

UNDERGROUND PROGRESS REPORTED ON - Nin Quan, president, states that Pan American Energy Corp. have received a report MULTI-METAL PROPERTY AT REVELSTOKE from the Selco division of B.P. Canada Inc. on the progress of exploration at the J & L main sulphide zone, near Revelstoke, B.C. To 29Aug84, the drift had advanced 179 metres to 10,709E from portal and the 670 crosscut had been turned off and advanced some 35 metres from centre line. Diamond drilling of about 3,000 feet will start when the 670 crosscut is completed in about 2 weeks.

Results from the drift are encouraging with sections of massive and disseminated sulphide encountered at similar intervals to those found between the 350 and 500 crosscuts last year. Complete assay results for the 50 faces sampled to date are awaited, but estimates suggest that lead and zinc metal values increase between the 511 and 670 crosscuts.

Surface mapping of the sulphide zone north of McKinnon Creek has traced layers of arsenical sulphide for at least 600 metres of strike length. Gold values between 3.8 and 7.5 grams per tonne are present in the sulphides over narrow widths. Surface mapping will be completed in early September and underground work at the site will be completed by mid-October.

In his annual report, Nin Quan stated in July that the Main zone has been traced on surface for over 1,850 metres (6,068 feet) horizontally and 550 metres (1,804 feet) vertically. It pinches out to the south, but is still 'open' to the north. Mineralization revealed in the new Main zone drift averages 2.00 metres (6.56 feet) in true width, 174.04 metres (570.85 feet) in length with grades of 1.65% lead, 3.45% zinc, 4.165% arsenic, 64.1 g/t (1.87 oz. silver/t and 4.9 g/t (0.14 oz. gold/t). This average includes the Main Drift sampling and the short drill hole program in the Main Drift and does not take into account possible mineralization in the hangingwall or footwall sides of the Main Drift.

82M003

NMTNER
14 MARCH 1985

Work to resume on B.C. prospect

Pan American Energy says underground development and drill testing have outlined a zone of massive and disseminated arsenical gold-silver-lead-zinc mineralization at its property near Revelstoke, B.C.

The prospect is under option to the Selco division of B.P. Canada, which conducted a major program there last year.

The zone has a strike length of 470 ft., and averages 0.21 oz. gold, 1.27 oz. silver, 3.11% zinc, and 1.67% lead per ton over a true width of 13.41 ft. It's still open up and down plunge. In addition, a second zone was encountered for 238 ft. which was still open along strike when underground work

was halted for the winter.

Further drifting is planned for this zone when work resumes this summer.

Surface mapping and sampling north of McKinnon Creek have traced the north zone for a strike length of 3,772 ft., and chip samples from 45 mineral showings have outlined narrow lenses of arsenopyrite and pyrite with appreciable gold (0.01 to 0.46 oz.) but low base metal values.

The sulphide lenses lie within quartzite and phyllite above a limestone band and further sampling and definitive work is planned for this year, Pan American says.

82M/1
JUL

82M003

GCNL #146 30 JULY 85

PAN AMERICAN ENERGY CORP. (PAA-V)

82M/1

MAJOR FIRM CALCULATES RESERVES ON - President Nin Quan has received reports from Selco Division -BP Resources B.C. GOLD-SILVER-LEAD-ZINC PROPERTY Canada Limited that exploration by adit and drilling in the Main zone of Pan American's J & L mineral property near Revelstoke, B.C., has indicated reserves of 3,710,000 tons with an average grade of 0.17 ounce gold per ton, 1.72 oz silver/t, 2.15% lead, 4.04% zinc and 4.86% arsenic, using a cutoff of 0.10 oz. gold/t equivalent at Canadian prices of gold \$500 per ounce, silver \$10 per ounce, zinc 50¢ per pound, lead 25¢ per pound and arsenic no value. Potential reserves are at least 9,900,000 tons at similar grades.

Nin Quan states that, at the same time, Selco Division has confirmed that problems exist in the extractive metallurgy of the deposits. Thus, the current emphasis of Selco is to evaluate methods of extracting the metal values that have been established. No underground program is proposed for 1985.

82M003