# BRITISH COLUMBIA PROSPECTORS ASSISTANCE PROGRAM MINISTRY OF ENERGY AND MINES GEOLOGICAL SURVEY BRANCH

PROGRAM YEAR:1995/1996REPORT #:PAP 95-26NAME:HAROLD ADAMS

#### BRITISH COLUMBIA PROSPECTORS ASSISTANCE PROGRAM PROSPECTING REPORT FORM (continued)

**B. TECHNICAL REPORT** 

- One technical report to be completed for each project area.
- Refer to Program Requirements/Regulations, section 15, 16 and 17.

• If work was performed on claims a copy of the applicable assessment report may be submitted in lieu of the supporting data (see section 16) required with this TECHNICAL REPORT.

Name <u>HAROLD J. ADAMS</u> Reference Number <u>95/96-P0-55</u>

#### LOCATION/COMMODITIES

 Project Area (as listed in Part A)
 WEYMAN\_CREEK
 MINFILE No. if applicable

 Location of Project Area
 NTS
 82L/5W
 Lat 50.22'
 Long 119 59'

 Description of Location and Access
 FROM
 PRINCETON
 TO
 MERRITT
 ON
 HIGHWAY
 5A
 AND
 PROCEEDS

 THROUGH
 DOUGLAS
 LAKE
 FOR
 APPROXIMATELY
 29
 KILOMETRES
 TO
 WEYMAN
 CREEK,

ROAD FROM HERE THE PROPERTY IS LOCATED ADJACENT TO WEYMAN CREEK.

Main Commodities Searched For \_\_\_\_\_\_ GOLD=COPPER-SILVER ( MINERALIZED SKARN ZONES)

PRRITE AND PYRRHOTITE TO THE NORTH WEST OF JG-1 CLAIMS

Known Mineral Occurrences in Project Area \_\_\_\_\_\_ COPPER\_SILVER\_

PYRITE CHALCOPYRITE PYRRHOTITE

#### WORK PERFORMED

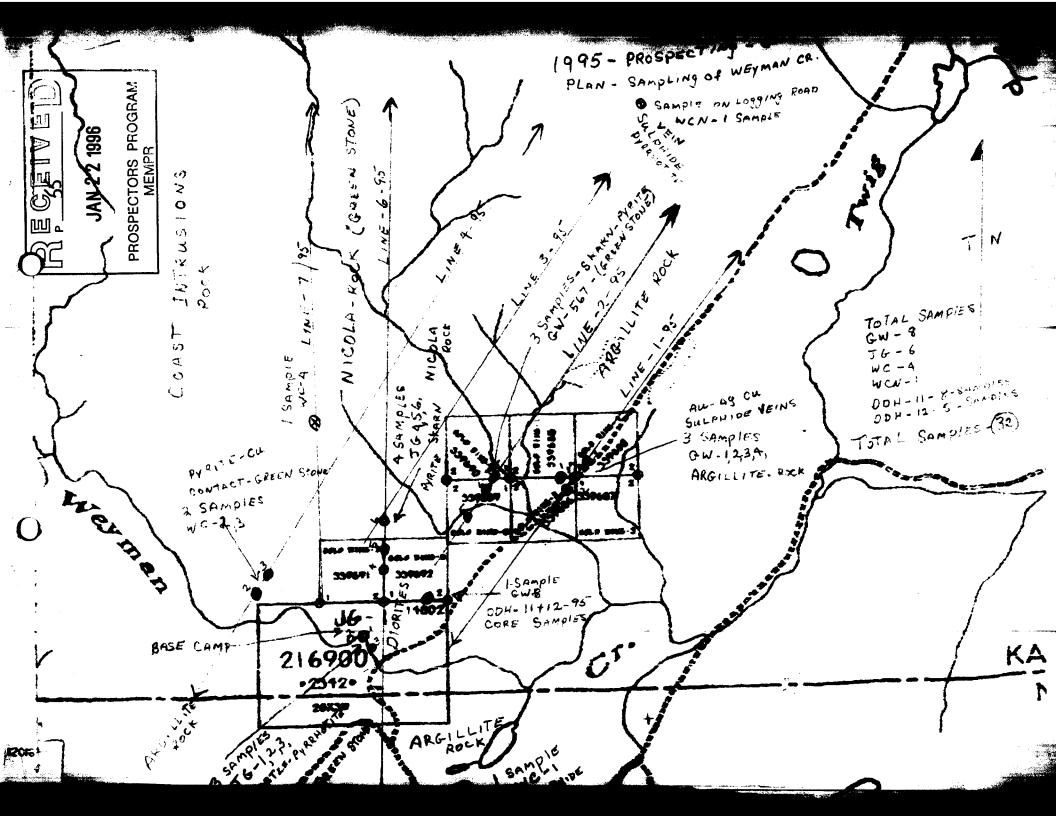
- 1. Conventional Prospecting (area) JG-1 CLAIMS -4 KILOMETRES- NORTH? EAST WEST
- 2. Geological Mapping (hectares/scale) \_\_\_\_
- 3. Geochemical (type and no. of samples)
- 4. Geophysical (type and line km) \_
- 6, Drilling (no, holes, size, depth in m, total m) <u>2-AQ HOLES DDH-11-95 DDH-12-95 156</u>.7 METRES
- 7. Other (specify) \_\_\_\_\_FENCING\_OLD\_MINE\_SHAFT\_BRUSHING\_OUT\_OLD\_TRENCHES-ON JG-1

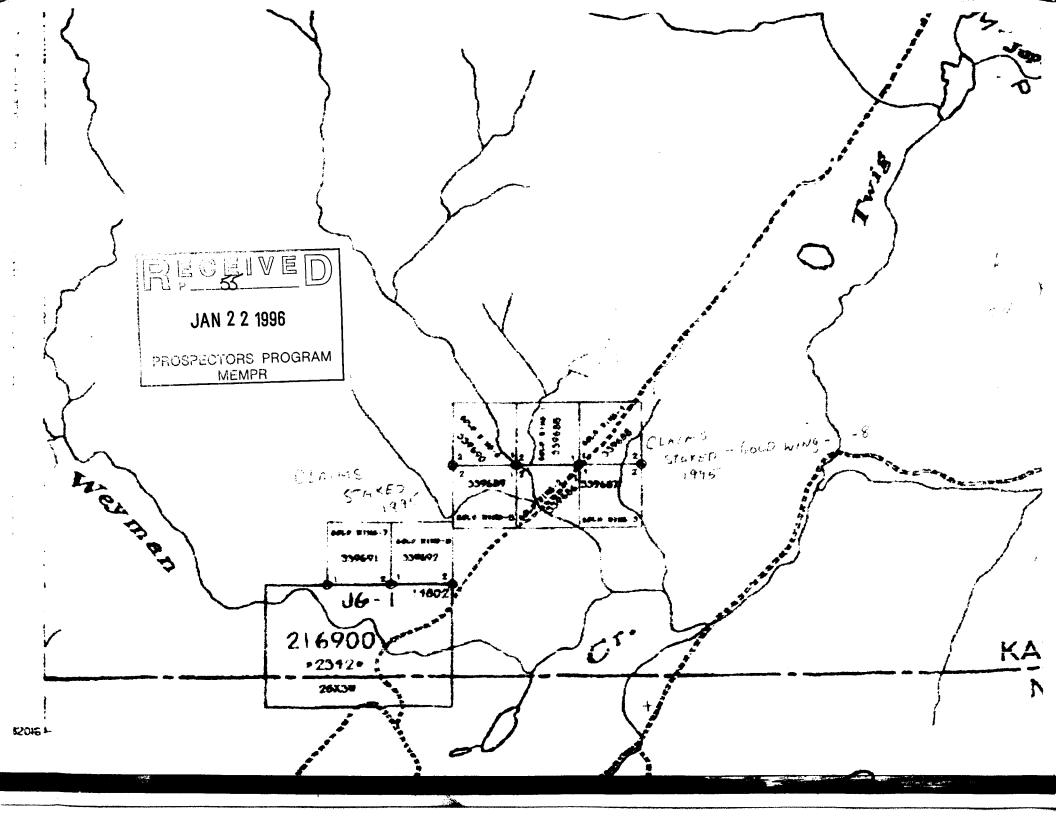
#### SIGNIFICANT RESULTS

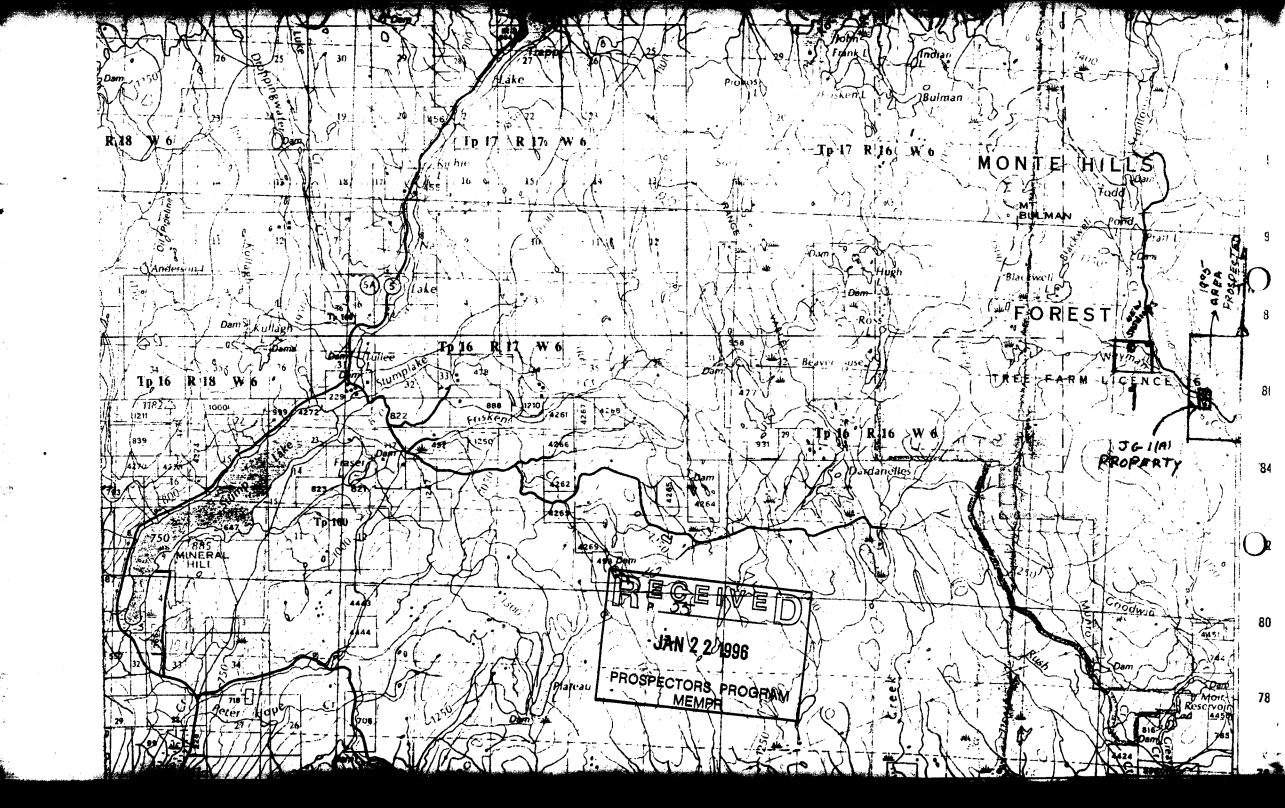
Supporting data must be submitted with this TECHNICAL REPORT

JAN 2 2 1996

PROSPECTORS PROGRAM











#### **DIAMOND DRILLING REPORT**

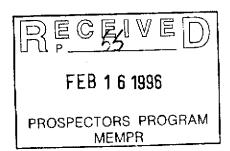
on the

#### **JG 1 AND GOLD WING 1 TO 8 MINERAL CLAIMS**

WEYMAN CREEK AREA KAMLOOPS MINING DIVISION

82L-5W (50° 22' North Latitude, 119° 59' West Longitude)

for



.

HAROLD ADAMS Box 1329 Princeton, B.C. V0X 1N0 (OWNER AND OPERATOR)

by

### GRANT F. CROOKER P.Geo., CONSULTING GEOLOGIST

JANUARY 1996

FEBRUARY 13/96

**RE: PROSPECTORS ASSISTANCE PROGRAM** 

REFERENCE NUMBER 95/96-P-55

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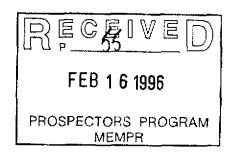
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#### SUMMARY AND RECOMMENDATIONS

The Pilot Gold Property is located approximately 48 kilometres southeast of Kamloops in southcentral British Columbia. The property consists of one four-post and eight two-post mineral claims covering 14 units in the Kamloops Mining Division. Access is via Westwold from the north and Douglas Lake from the south.

Granodiorite, quartz diorite and gabbro of the Coast Intrusions underlie most of the property, although argillite of the Cache Creek Group was intersected in drill hole 95-11. Gold and copper mineralization is related to quartz veins and/or stockworks and silicified/skarn zones containing pyrite, pyrrhotite and chalcopyrite.

From 1984 through 1992, 11 BQ diamond drill holes totalling 587.19 metres were drilled on the property. Results of this drilling gave weakly anomalous gold and copper values with the highest being 740 ppb gold and 2047 ppm copper over 1.02 metres.

The work program covered by this report consists of two AQ diamond drill holes totalling 156.7 metres. No assaying was carried out on any of the mineralized sections.

The following conclusions can be made from the work program:

1) Drill hole 95-11 intersected argillite of the Cache Creek Group with traces of pyrite along the foliations. One section from 35.96 to 43.89 metres contained up to 2% pyrite along the foliations.

2) Drill hole 95-12 intersected quartz diorite of the Coast Intrusions with several narrow sections of silicified/skarn material. The most highly mineralized section from 41.76 to 42.67 metres contained up to 5% pyrite and pyrrhotite with lesser sphalerite.

3) A contact between the argillite and intrusive occurs between the two drill holes.

The following work program is recommended:

1) The sections of both drill holes with sulphide mineralization should be assayed for gold.

2) A grid should be established over the property and geological mapping, prospecting, and magnetic and electromagnetic geophysical surveys carried out to locate additional drill targets.

Respectfully submitted. Grant Crooker, P.Geo., Consulting Geologist

#### **1.0 INTRODUCTION**

#### 1.1 GENERAL

Diamond drilling was carried out on the Pilot Gold Property during the summer of 1995. Grant Crooker was retained to prepare the report and Harold Adams supervised the drilling.

#### 1.2 LOCATION AND ACCESS

The property is located approximately 48 kilometres southeast of Kamloops in south-central British Columbia at 50 degrees 22 minutes north latitude and 119 degrees 59 minutes west longitude (NTS 82L-5W).

Access to the property is available from both the south and the north. From the south, one turns east from Highway 5A and proceeds through Douglas Lake for approximately 29 kilometres to the Weyman Creek Road. From the north, one turns south at Westwold and follows the road along the Salmon River for approximately 20 kilometres to the Weyman Creek Road. From here the property is located adjacent to Weyman Creek, 2 kilometres west of the junction.

#### **1.3 PHYSIOGRAPHY**

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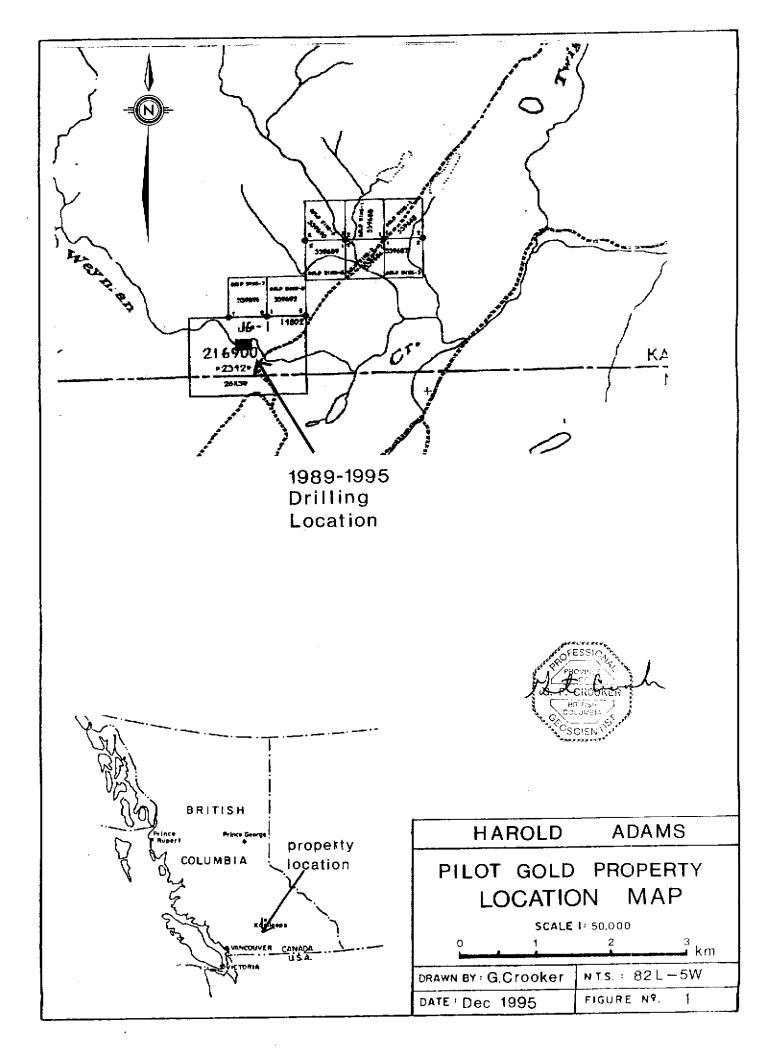
The property lies near Weyman Creek within the Thompson Plateau of south-central British Columbia. Elevation varies from 950 to 1250 metres above sea level and the topography is gentle.

Weyman Creek flows through the centre of the claims. Pine and fir trees cover the property although much of the area has been logged.

Outcrop is sparse over most of the area.

#### **1.4 PROPERTY AND CLAIM STATUS**

The property (Figure 1) consists of one four-post and eight two-post claims covering 14 units in the Kamloops Mining Division. Owner of the property is Mr. Harold Adams of Princeton, B.C..



Claim	Units	Mining Div	Tenure No	Expiry Date m/d/y	New Date m/d/y
JG-1	06	Kamloops	216900	01/08/96	01/08/00*
Gold Wing 1	01	Kamloops	339685	08/23/96	08/23/97*
Gold Wing 2	01	Kamloops	339686	08/23/96	08/23/97*
Gold Wing 3	01	Kamloops	339687	08/23/96	08/23/97*
Gold Wing 4	01	Kamloops	339688	08/23/96	08/23/97*
Gold Wing 5	01	Kamloops	339689	08/24/96	08/24/97*
Gold Wing 6	01	Kamloops	339690	08/24/96	08/24/97*
Gold wing 7	01	Kamloops	339691	08/26/96	08/26/97*
Gold Wing 8	01	Kamloops	339692	08/26/96	08/26/97*

#### **TABLE I - CLAIM DATA**

\* Upon acceptance of this report.

#### **1.5 AREA AND PROPERTY HISTORY**

The first reference to the Pilot Gold Property is found in the Minister of Mines Annual Report for 1932. The following quote is taken from this report: "A considerable amount of prospecting by means of shafts, open-cuts and stripping was done on the following claims; On the Pilot Group, owned by T.E. Ogilvie and associated of Armstrong and situated near the headwaters of Boulder Creek, which flows into the Salmon River, a shaft sunk 18 feet on a mineralized zone in the volcanic tuffs beside the creek uncovered segregations of pyrite, pyrrhotite and chalcopyrite in a quartz gangue, containing low values in gold and silver. A sample in an old open-cut close to the shaft assayed 0.40 ounces in gold per ton, and the shaft was sunk with the idea of exploring the possibilities at depth. The locality is heavily covered with soil and gravel and prospecting is difficult. The granite batholith is exposed about one mile to the north".

Harold Adams staked the property in 1980 and has carried out trenching and drilling on the claims. Eleven drill holes totalling 587.19 metres were drilled in the period 1982 through 1992. A summary of the drill data is listed in Table II.

The drilling has intersected a number of quartz veins and/or stockworks with pyrite, pyrrhotite and minor chalcopyrite. Geochemical analysis of the vein material gave low gold, silver and copper values. The highest geochemical values were 740 ppb gold, 3.6 ppm silver and 2047 ppm copper over approximately one metre.

A number of silicified/skam zones were intersected in the 1992 drilling. These zones contain generally minor amounts of pyrite, pyrrhotite and chalcopyrite with weakly anomalous gold and copper values. The highest geochemical values were 70 ppb gold and 1197 ppm copper.

Drill Hole No.	Bearing °	Inclination °	Depth m	Core Size
DDH- <b>84-1</b>	045	-60	20.73	BQ
DDH-84-2	090	-65	4.73	BQ
DDH-88-3	336	-49	42.68	BQ
DDH-88-4	004	-50	38.72	BQ
DDH-89-5	240	-50	38.11	BQ
DDH-89-6	180	-50	78.05	BQ
DDH-89-7	205	-50	65.55	BQ
DDH-89-9	264	-50	45.73	BQ
DDH-92-8	029	-50	148.63	BQ
DDH-92-10A	000	-50	12.8	BQ
DDH-92-10B	349	-65	91.46	BQ

#### **TABLE II - 1982-1992 DRILL DATA**

#### 2.0 EXPLORATION PROCEDURE

The program covered by this report consisted of two AQ diamond drill holes totalling 156.7 metres. The location of the drilling relative to claim boundaries is shown on figure 1 and the drill locations are shown on figure 2. No dip tests were taken on the drill holes, and the core is stored on the property near the drill sites.

None of the core has been sampled at this time.

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#### **3.0 GEOLOGY AND MINERALIZATION**

#### **3.1 REGIONAL GEOLOGY**

The property lies within the Intermontane Belt of southern British Columbia and the geology is shown on Geological Survey of Canada maps 1059A (Vernon) and 886A (Nicola).

Granodiorite, quartz diorite and gabbro of the Jurassic and/or Cretaceous Coast Intrusions underlie most of the property. Carboniferous? and Permian argillite of the Cache Creek Group outcrop in the southern and eastern parts of the claims, and argillite was encountered in DDH-95-11. A narrow band of Archean or Later Chapperon Group sediments outcrops along the eastern boundary of the claims. Oligocene or Miocene volcanic rocks of the Kamloops group cover large portions of the area to the north and east.

#### **3.2 MINERALIZATION**

Mineralization on the Pilot Gold Property is related to quartz veins and/or quartz stockworks and breccias containing pyrite, pyrrhotite, chalcopyrite, malachite and azurite with gold and copper values. White calcite veinlets ranging in size from 1 millimetre to 5 centimetres often cut the quartz veins. The calcite veinlets contain weak concentrations of pyrite and pyrrhotite.

The quartz veins are exposed on surface at several locations in the area of diamond drilling (Figure 2). However due to the extensive overburden, the size and orientation of the quartz veins and/or stockworks is difficult to determine.

A number of narrow silicified/skarn zones were noted in the 1992 and 1995 drilling. These zones contain generally minor amounts of pyrite, pyrrhotite and chalcopyrite with weakly anomalous gold and copper values.

Drill hole 95-11 was drilled in argillite which showed varying concentrations of pyrite along the foliation.

#### 4.0 DIAMOND DRILLING

Diamond drilling was carried out on the property during the summer of 1995. Pertinent data is given in Table III.

Drill Hole No.	Bearing °	Inclination °	Depth m	Core Size
DDH-95-11	320	-70	48.78	AQ
DDH-95-12	308	-80	107.92	AQ

#### TABLE III -1995 DRILL DATA

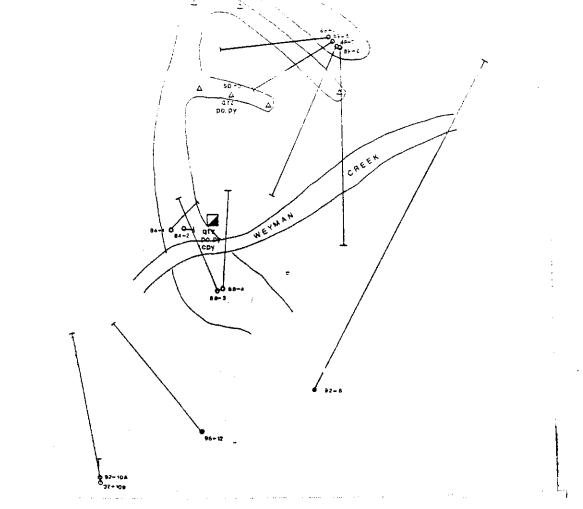
Drill hole 95-12 was drilled in the area of the previous drilling near several old showings which expose quartz veins with variable concentrations of pyrite, pyrrhotite and chalcopyrite with anomalous gold and silver values.

The drill hole intersected mainly fine to medium grained, light grey to green hornblende quartz diorite, with one narrow, 75 centimetre wide section of grey to green argillite. Several sections of silicified/skarn material were encountered in the drill hole, but only one narrow section (41.76-42.67) showed significant sulphide mineralization. Approximately 5% pyrite and pyrrhotite with lesser sphalerite were noted in the section.

Drill hole 95-11 was drilled about 130 metres south of the area of previous drilling. The area has a considerable cover of overburden as shown by the almost 27 metres of casing in the hole. Argillite was intersected in the entire drill hole, with traces of pyrite noted along the foliation. The section from 35.96 to 43.89 metres showed an increase in pyrite content of up to 2% along the foliation and along fractures. Graphite was noted in the section from 43.29 to 43.89 metres.

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**45-13** 

DRILL HOLE
▲ SURVEY POINT qtz QUARTZ
PY PYRITE
CPY CHALCOPYRITE po PYRRHOTITE
HAROLD ADAMS
PILOT GOLD PROPERTY
DRILL HOLE LOCATIONS
0 10 20 40 60 m
DRAWN BY: G.Crooker N.T.S. : 82L-5W
DATE Dec 1995 FIGURE Nº. 2

#### 5.0 CONCLUSIONS AND RECOMMENDATIONS

The work program covered by this report consisted of two AQ diamond drill holes totalling 156.7 metres and the following conclusions can be made from the work program:

1) Drill hole 95-11 intersected argillite of the Cache Creek Group with traces of pyrite along the foliations. One section from 35.96 to 43.89 metres showed up to 2% pyrite along the foliation.

2) Drill hole 95-12 intersected quartz diorite of the Coast Intrusions with several narrow sections of silicified/skarn material. The best section from 41.76 to 42.67 metres showed up to 5% pyrite and pyrrhotite with lesser sphalerite.

3) A contact between the argillite and intrusive occurs between the two drill holes.

The following work program is recommended:

1) The sections of both drill holes with sulphide mineralization should be assayed for gold.

2) A grid should be established over the property and geological mapping, prospecting, and magnetic and electromagnetic geophysical surveys carried out to locate additional drill targets.

#### Respectfully submitted,

Grant Crooker. P.Geo. Consulting Geologist

#### **6.0 REFERENCES**

Adams, H.J., (1989): Diamond Drilling Assessment Report on the Pilot Group, Weyman Creek, Kamloops Mining Division, B.C.

B.C.M.M., Annual Report 1932: Report on the Pilot Group, p 146.

B.C.M.M., Minfile: 82L-SW-058.

Crooker, G.F., (1989): Diamond Drilling Report on the JG-1, Pilot Gold, Pilot Gold 1 & 2, and Gold Wing 1 to 6 Claims, Weyman Creek Area, Kamloops Mining Division for Harold Adams.

Crooker, G.F., (July 1992): Diamond Drilling Report on the JG -1, Pilot Gold, Pilot Gold 1 & 2, and Gold Wing 1 to 6 Claims, Weyman Creek Area, Kamloops Mining Division for Harold Adams.

Crooker, G.F., (December 1992): Diamond Drilling Report on the JG-1, Pilot Gold, Pilot Gold 1 & 2, and Gold Wing 1 to 6 Claims, Weyman Creek Area, Kamloops Mining Division for Harold Adams.

Jones, A.G., (1959): Vernon Map Area, British Columbia, Geological Survey of Canada Memoir 296.

Rice, H.M.A., (1948): Geology and Mineral Deposits of Nicola Map Area, British Columbia. Geological Survey of Canada Memoir 243.

Ware, R., (1984): Drilling Report, J.G. Claim, Kamloops mining Division (82L/5W), for Harold Adams.

#### 7.0 CERTIFICATE OF QUALIFICATIONS

I, Grant F. Crooker, of Upper Bench Road, Keremeos, in the Province of British Columbia, hereby certify as follows:

- 1. That I graduated from the University of British Columbia in 1972 with a Bachelor of Science Degree in Geology.
- 2. That I have prospected and actively pursued geology prior to my graduation and have practiced my profession since 1972.
- 3. That I am a member of the Canadian Institute of Mining and Metallurgy.
- 4. That I am a Fellow of the Geological Association of Canada.
- 5. That I am a Professional Geoscientist registered with the Association of Engineers and Geoscientists of the Province of British Columbia. (No. 18,961).
- 6. That I have no direct or indirect interest in the property.

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Dated this  $\ell \neq b$  day of  $\neq b$ , 1996, at Keremeos, in the province of British Columbia.



# APPENDIX I

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# **DIAMOND DRILL LOGS**

# DIAMOND DRILL RECORD HOLE NO: 95-11 PAGE 1 of 1.

Property: Pilot Gold Hole No.: 95-11 Northing: Easting: Date Begun: Bearing: 320° Inclination: -70° Elevation Collar: Total Depth: 48.78 Date Finished: Core Size: AQ Claim: JG-1 Logged By: Grant Crooker Dip Test: no Core Recovery: 90%

Description	Sample No.	Width m	From m	To m	Аи ррь	Cu ppm
-casing						
-grey and black banded argillite, alternating green and black bands						
26.98-30.29-calcite, traces of pyrite on fractures @ 10°, weak chlorite						
alteration						
28.05-foliation @ 15°						
-black argillite, moderate chlorite alteration, minor fracturing with						
calcite, traces of pyrite						
35.96-37.29-2% disseminated pyrite along foliation, 1-2% pyrite along						
fractures						
37.29-43.29-10-15% randomly oriented 1 to 2 mm fractures with calcite						
trace to 1/2% pyrite, moderate chlorite alteration, broken core						1
43.29-43.89-2% disseminated pyrite mainly along foliation, minor						
fracturing with pyrite, graphite						
-grey and black banded argillite, weak fracturing with calcite, trace					Ţ	
pyrite						
43.89-foliation @ 20°						
-grey-green quartzite, 1-3 mm fractures with calcite						
-end of hole						
	-casing -grey and black banded argillite, alternating green and black bands 26.98-30.29-calcite, traces of pyrite on fractures @ 10°, weak chlorite alteration 28.05-foliation @ 15° -black argillite, moderate chlorite alteration, minor fracturing with calcite, traces of pyrite 35.96-37.29-2% disseminated pyrite along foliation, 1-2% pyrite along fractures 37.29-43.29-10-15% randomly oriented 1 to 2 mm fractures with calcite trace to 1/2% pyrite, moderate chlorite alteration, broken core 43.29-43.89-2% disseminated pyrite mainly along foliation, minor fracturing with pyrite, graphite -grey and black banded argillite, weak fracturing with calcite, trace pyrite 43.89-foliation @ 20° -grey-green quartzite, 1-3 mm fractures with calcite	No.         -casing         -grey and black banded argillite, alternating green and black bands         26.98-30.29-calcite, traces of pyrite on fractures @ 10°, weak chlorite         alteration         28.05-foliation @ 15°         -black argillite, moderate chlorite alteration, minor fracturing with         calcite, traces of pyrite         35.96-37.29-2% disseminated pyrite along foliation, 1-2% pyrite along         fractures         37.29-43.29-10-15% randomly oriented 1 to 2 mm fractures with calcite         trace to 1/2% pyrite, moderate chlorite alteration, broken core         43.29-43.89-2% disseminated pyrite mainly along foliation, minor         fracturing with pyrite, graphite         -grey and black banded argillite, weak fracturing with calcite, trace         pyrite         43.89-foliation @ 20°         -grey-green quartzite, 1-3 mm fractures with calcite	No.       m         -casing	No.       m       m         -casing	No.mmm-casing	No.mmm-casing

# DIAMOND DRILL RECORD HOLE NO: 95-12 PAGE 1 of 2.

Property: Pilot Gold Hole No.: 95-12 Northing: Easting: Date Begun: Bearing: 308° Inclination: -80° Elevation Collar: Total Depth: 107.92 m Date Finished: Core Size: AQ Claim:JG-1 Logged By: Grant Crooker Dip Test: no Core Recovery: 90%

Depth m	Description	Sample No.	Width m	From m	To m	Au ppb	Cu ppm
0-3.28	-casing						
3.28-37.96	-medium grained, grey quartz diorite, random fractures with traces of						
	pyrite, pyrrhotite						
	3.38-fracture@ 90°, trace of pyrite, pyrthotite, chalcopyrite?						
	5.62-2 centimetre quartz veinlet @ 40°		·				
	6.39-5 millimetre blebs of pyrrhotite						
	9.34-3 centimetre wide zone of fracturing with 10% pyrthotite, pyrite						
	10.16-6 centimetre wide silicified zone/quartz veinlet @ 90°, tr pyrite						
	13.99-14.08-green silicified/skarn zone						
	15.49-5 centimetre wide zone of 1 to 2 millimetre fractures with quartz						
	carbonate, 5% pyrite						
	16.61-1 centimetre quartz veinlet @ 75°						
	19.61-weak foliation in quartz diorite @ 45°						
	20.22-20.97-light green silicified/skarn zone @ 30°						
	22.15-1 centimetre silicified zone @ 45°, 1% pyrite						
	22.62-1 centimetre grey quartz veinlet@ 35°, 10% pyrite						
	24.12-1 millimetre fractures with pyrite						
	24.82-4 millimetre quartz veinler @ 35°, 10% pyrite						
•	33.80-fractures with pyrite 10 30°	ş					1

DIAMOND DRILL RECORD HOLE NO. 95-12 PAGE 2 of 2.

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Depth m	Description	Sample No.	Width m	From m	To m	Au ppb	Cu ppm
	35.72-2 to 5 millimetre calcite veinlet @ 30°						
37.96-38.67	-grey to green thinly bedded argillite, foliation @ 55°						
38.67-54.52	-medium grained hornblende quartz diorite						
	41.76-42.67-grey-green silicified/skarn zone, 5% pyrite, pyrrhotite,						
	sphalerite						
	44.76-45.48-grey-green silicified/skarn zone						
54.52-65.39	-fine grained, pale green quartz diorite, trace of disseminated pyrite						
	55.68-1 centimetre calcite veinlet @ 30°						
65.39-107.92	-fine grained grey hornblende quartz diorite, minor fracturing						
	75.60-75.80-green silicified/skarn zone						
	95.20-97.25-broken core, strong chlorite alteration						
	103.96-107.92-green silicified/skarn zone, chlorite alteration along						
	fractures						
107.92	-end of hole						