ARIS SUMMARY SHEET

District Geologist, Kamloops

Off Confidential: 89.11.21

ASSESSMENT REPORT 18056

MINING DIVISION: Lillooet

PROPERTY:

Eva LAT

LOCATION:

51 02 00 LONG 122 50 00

10 5653326 511686 UTM

NTS 092002W

CLAIM(S):

Eva 3, Eva 5-6Millennium Res.

OPERATOR(S):

MacFarlane, H.S.

AUTHOR(S): REPORT YEAR:

1988, 45 Pages

COMMODITIES

SEARCHED FOR: Gold, Antimony

GEOLOGICAL

SUMMARY:

The property lies within a complex sequence of Mesozoic rocks bounded by the Yalakom Fault to the northeast and the Tchaikazan Fault to the southwest. The centre of the property is bounded by Battlement Ridge Group sediments, flanked and faulted against Lower Cretaceous Taylor Creek rocks to the west. The Upper Triassic Hurley Formation is faulted to the west against the Taylor Creek Group. Tyaughton Group sediments of Upper Triassic - Lower Triassic age are present in the northwest of the property. A quartz-calcitestibnite-gold vein was discovered in the northwest of the property.

NP T

VE:

Drilling

DIAD 386.9 m; NDB

Map(s) - 1; Scale(s) - 1:1000

HMIN 6 sample(s); AU SAMP 34 sample(s); AU, AG

MINFILE:

0920

Searchlight Resources Inc.

218-744 West Hastings Street, Vancouver, British Culumbia, Canada V6C 1A5
Phone: (604) 684-2361

DIAMOND DRILLING ASSESSMENT REPORT

FILMED

on the

EVA PROPERTY

SUB-RECORDER RECEIVED

NHV 33 1988

(EVA 2 - 6 and AVE 1 - 6 Claims)

LILLOOET MINING DISTRICT

BRITISH COLUMBIA

Latitude: 51° 02'N Longitude: 122° 50'W

N.T.S. 92 - O/2

180: //Sc ____ 10.

Owner:

Abermin Corporation

1500-1075 West Georgia Street

Vancouver, BC

V6E 3C9

Operator:

Millennium Resources Inc.

700-625 Howe Street

Vancouver, BC

V6C 2T6

Consultant:

Searchlight Resources Inc.

218-744 West Hastings Street

Vancouver, BC

V6C 1A5

Author:

H S Macfarlane, MSc, FGAC

GEOLOCICAL BRANCH

ASSESSMENT PROPE

October 29 1988

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INTRODUCTION

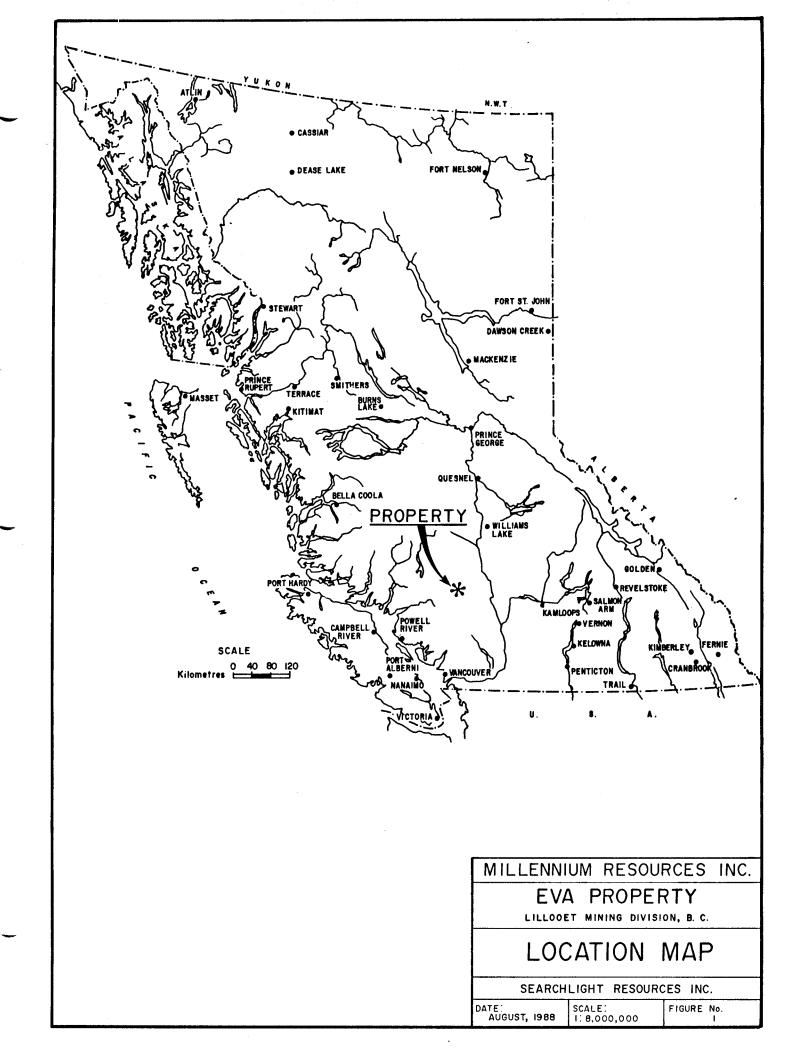
The Eva property consists of 11 modified grid mineral claims, comprising 175 units, situated in the Chilcotin Ranges of the Coast Mountains. The claims were located in 1980 as a result of a regional exploration programme carried out in the early 1980's. This programme and follow up work performed in the mid to late 1980's outlined an area in the northwest of the property from which samples containing anomalous concentrations of gold were obtained. A reassessment of this area was undertaken in 1987, and diamond drilling was carried out in 1988, the results of which form the basis of this report.

Location and Access

The Eva property is located in south western British Columbia in the Lillooet Mining Division. The property is located at 51° 02' north latitude and 122° 50' west longitude, approximately 20 kilometres north of Gold Bridge, BC. The topographic map sheet is the Noaxe Creek sheet, NTS 92 - O/2 (1:50,000), (fig. 1).

Access to the property may be obtained from Gold Bridge over the Lillooet - Gold Bridge highway. Twelve kilometres northeast of Gold Bridge a well maintained road; the Tyaughton Creek road, is taken to the north for a distance of 25 kilometres to the Silver Quick Mine road turn off. The property boundary is approximately 3 kilometres to the west along this road. The total distance from Gold Bridge to the property, by road, is thus 40 kilometres.

Hotel accommodation is available in Gold Bridge. The closest full service town to the property is Pemberton situated on Highway 99, approximately 90 kilometres to the south.



Physiography and Vegetation

The property lies within the Chilcotin Ranges, on the eastern margin of the Coast Mountains. The property and surrounding area is typified by rugged and mountainous terrain with steep slopes and distinct ridges. The Eva claims are situated on the northern flanks of Eldorado Mountain, a peak rising to over 8,000 feet characterized by cirque basins and aretes. Elevations vary from 3,900 feet (1,190 metres) to 8,000 feet (2,440 metres) giving a relief of 4,100 feet (1,250 metres). The north and central part of the property is drained by the easterly flowing Tyaughton Creek and a number of northerly flowing tributaries: Bonanza, Nea, and Spruce Lake Creeks.

This area of British Columbia experiences a modified coastal climate. The majority of the precipitation falls as snow, accumulating to depths of 1 - 2 metres through the long, cool winter.

Vegetation below 1,500 metres consists of coniferous forest comprising fir, balsam, pine and spruce. Alpine and sub-alpine vegetation is present at higher elevations. Ridge crests are relatively free of vegetation and have little soil cover.

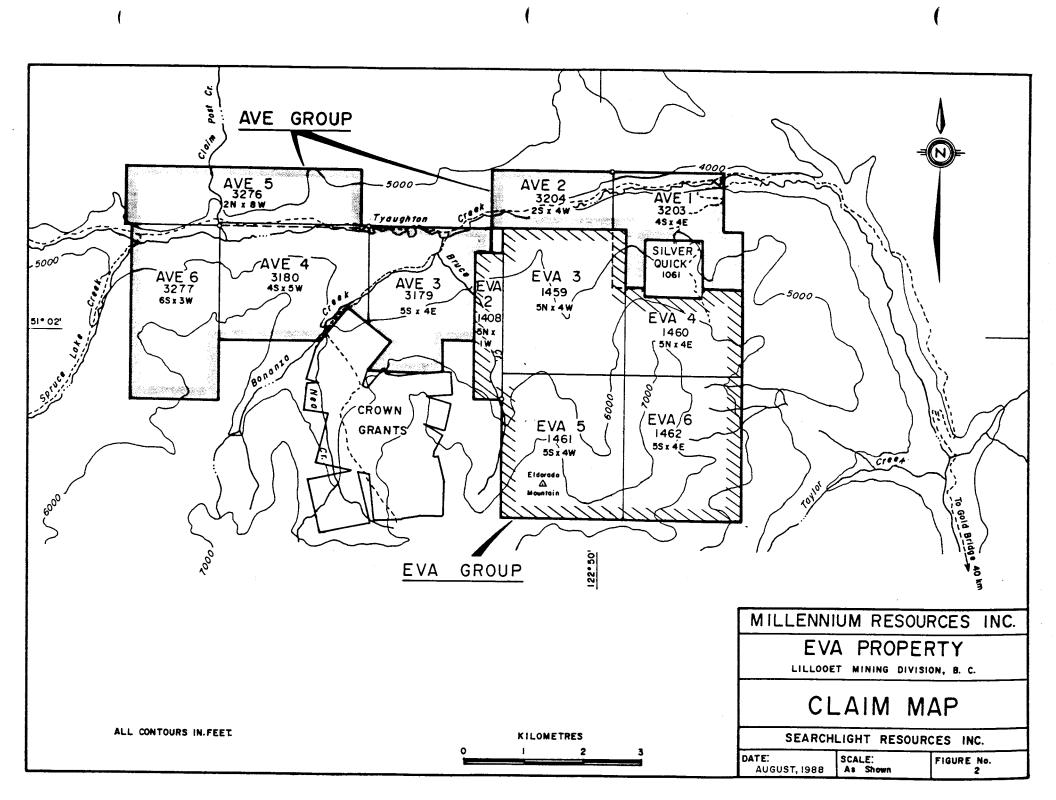
Claim Information

The Eva property (fig. 2) consists of the following 11 modified grid mineral claims, comprising 175 units:

Claim Name	Number of Units	Record Number	Record Date
EVA GRO			
Eva 2	5	1458	16 July 80
Eva 3	20	1459	16 July 80
Eva 4	12	1460	16 July 80
Eva 5	20	1461	16 July 80
Eva 6	20	1462	16 July 80
AVE GR	OUP		
Ave 1	16	3203	4 June 80
Ave 2	8	3204	4 June 80
Ave 3	20	3179	23 May 80
Ave 4	20	3180	23 May 80
Ave 5	16	3276	12 July 80
Ave 6	18	3277	12 July 80

The Eva claims were originally staked in 1980 by Pan Ocean Oil Ltd following an investigation of the geological potential of the area. Aberford Resources Ltd (a predecessor of Abermin Corporation) took over Pan Ocean Oil Ltd in 1982. The Eva claims are now owned by Abermin Corporation and are the subject of an option agreement with Millennium Resources Inc., 700-625 Howe Street, Vancouver, BC, V6C 2T6. The Ave claims were staked by Hillside Energy Corporation in 1985 and have recently been transferred to Abermin Corporation. The Ave claims are also subject to the same option agreement.

The Eva 2-6 and Ave 1-6 claims have been recently grouped.



History

Exploration in this area dates back to the turn of the century when gold was discovered in Cadwallader Creek and downstream in Hurley River, immediately south of Gold Bridge. Placer mining was handicapped by boulders, the depth to bedrock and locally the cemented nature of the auriferous gravels. A record of placer production from these creeks is not available, Cairnes (1937).

The Bridge River camp consists of the following former producers: the Bralorne, Pioneer, Wayside and Minto Mines. In excess of 8.0 million tons of ore was milled from this camp between 1900 and 1978 with the recovery of 4,178,363 ounces of gold and 1,002,473 ounces of silver. Recently an ore reserve of approximately 1.0 million tons of ore at 0.25 oz/ton gold has been developed at the Bralorne Mine by Mascot Gold Mines Ltd. An ore reserve figure of 670,000 tons at 0.24 oz/ton gold has been developed at the Congress Property by Levon-Veronex Resources Ltd.

It is thought that during the early development of the Bridge River camp that many of the known occurrences of mineralization in the area of the Eva property were discovered.

Gold, mercury, antimony and tungsten prospects have been explored in the area of the Eva property. These prospects are:

The Silver Quick deposit, within the Ave 1 claim

The Manitou (Empire Mercury) deposit, 2 kilometres east of the Ave 1 claim at the junction of Mud, Tyaughton and Relay Creeks

The Tungsten Queen Mine and the Tungsten King prospect immediately east of Tyaughton Creek, east of the Eva 4 claim

The Paul Mercury prospect, south and east of the Eva 6 claim

The Robson gold prospect, 1 kilometre south of the Ave 3 claim.

In 1980 a detailed heavy mineral sampling programme was carried out by Pan Ocean Oil Ltd. The claims were subsequently staked and geological mapping and sampling was performed in 1981. This property, together with additional Eva claims to the south of Eldorado Mountain, was optioned to Placer Development Limited in 1983. Geological mapping and geochemical sampling of soil, talus fines, bulk stream sediments and rocks was carried out in that year. Geophysical investigations consisting of ground magnetometer and VLF-EM surveys were also carried out in 1983.

In 1985 the Eva property together with additional Eva claims to the south were optioned to joint venture partners Hillside Energy Corporation (Nevin Sadlier-Brown Goodbrand Ltd, Geological Consultants) and Claymore Resources Ltd. Geological exploration was performed in that year consisting of geochemical soil and rock sampling and reconnaissance geological mapping. In 1986 geological mapping was carried out together with the drilling of one BQ diamond drill hole to a depth of 182.9 metres on the Ave 5 claim. In 1986 and 1987 a geochemical and magnetometer survey were carried out on the Eva 12 claim.

In the fall of 1987 a short programme of reconnaissance heavy mineral sediment sampling, geological mapping and assay sampling was carried out by Searchlight Resources Inc.

Summary of Work

A total of 3 NDB diamond drill holes were drilled, with a total depth of 386.9 metres (1269.5 feet). A total of 34 drill core samples were sent for assay. The drill holes were collared on the Ave 5 claim.

An area of approximately 550 hectares (1,360 acres) north and east of Eldorado Mountain, Eva 4-6, within the Eva Group was prospected. A total of 6 heavy mineral sediment samples were also collected from the Eva Group.

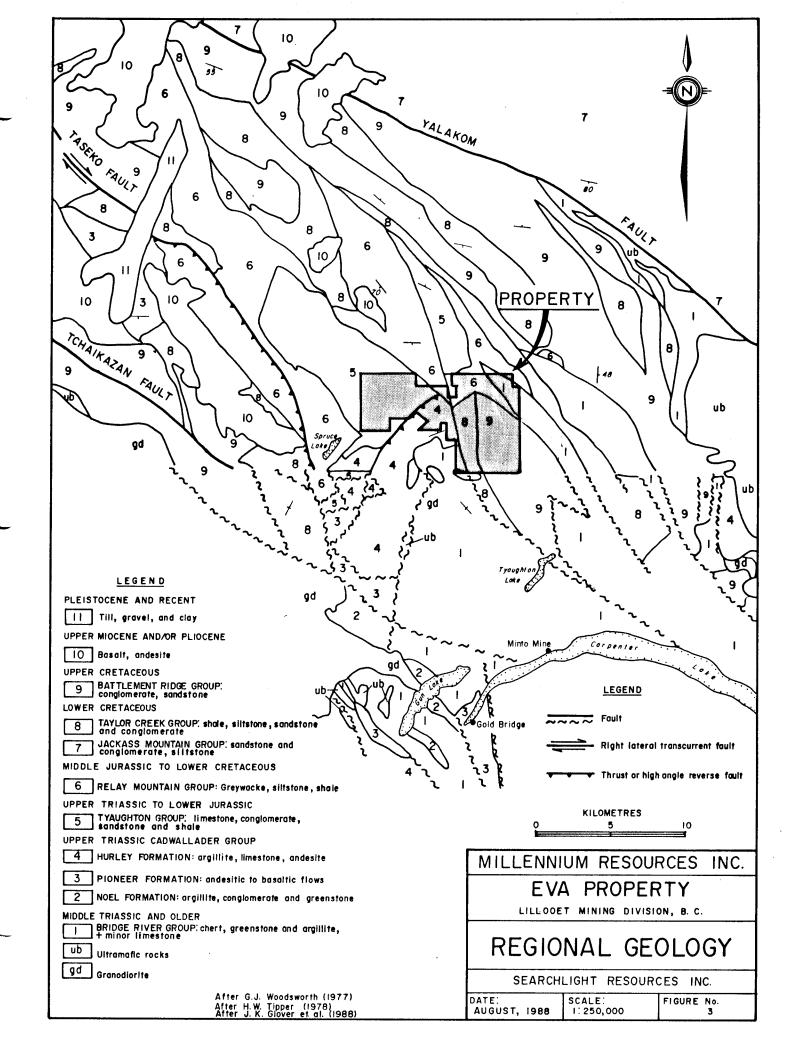
GEOLOGY

Regional Geology

The Eva property lies within a complex sequence of Mesozoic rocks bounded by the regional northwest to southeast trending Yalakom Fault to the northeast and the Tchaikazan - Taseko Faults to the southwest. This sequence of Middle Triassic to Upper Cretaceous rocks are thought to have been deposited in a long, narrow, northwest trending, subsiding trough which was limited by landmasses to the southwest and northeast, Jeletzky and Tipper (1968).

This trough, named the Tyaughton Trough by Jeletzky and Tipper (1968), has been infilled by the Middle Triassic Bridge River Group chert and argillite with basaltic and andesitic volcanics. The Bridge River Group is succeeded by the Upper Triassic Cadwallader Group argillite and limestone with massive basalt flows and pyroclastics. The Upper Triassic to Lower Jurassic Tyaughton Group consists of shales and greywackes. Faulting separates the Tyaughton Group from the Relay Mountain Group greywackes and siltstones of Middle Jurassic to Lower Cretaceous age. A regional unconformity separates the Relay Mountain Group from the overlying non-marine greywacke, shale and boulder conglomerate of the Jackass Mountain Group. The Jackass Mountain Group grades rapidly to the west into what is thought to be its marine equivalent; the Taylor Creek Group. This group is of Lower Cretaceous age and consists of black shale, conglomerate and tuff. The Battlement Ridge Group, of Upper Cretaceous age, conformably overlies the Taylor Creek Group and consists of conglomerate, greywacke and basaltic to andesitic tuffs.

Small intrusive bodies, probably of Eocene age, of granitic to quartz dioritic composition intrude all of the above sequence. Structurally the Tyaughton Trough appears to have been characterized by graben-horst northwest trending regional faults. These faults are presently evident as high angle thrust, normal and reverse faults. Locally the faulting has been particularly intense.



Property Geology

Exploration of the property by Pan Ocean Oil Ltd in 1981, Chabot (1981), and Glover et. al., (1988) has revealed that the central portion of the property, represented by Eldorado Mountain, consists of the Battlement Ridge Group. This group has been informally subdivided into two formations: the Silverquick formation of predominantly non-marine conglomerates with sandstone interbeds and the overlying Powell Creek formation of andesitic to basaltic breccia and tuff. The Battlement Ridge Group is flanked and faulted against Lower Cretaceous Taylor Creek Group rocks to the west. The Taylor Creek Group consists of dominantly marine strata: chert pebble conglomerates with cherty sandstone, siltstone shale and minor tuff (Dash conglomerate) and interbedded shale and muscovite rich arkosic sandstone (Lizard formation). The Upper Triassic Hurley Formation of the Cadwallader Group is faulted to the west against the Taylor Creek Group. The Hurley Formation consists of interbedded siltstones, sandstones and shales with minor limestone and conglomerate. The northwest of the property (Ave 4-6 claims) is underlain by the Tyaughton Group of Upper Triassic to Lower Jurassic age. This group consists of massive limestone; red conglomerate; grit and massive conglomerate interbedded with green sandstone and shale; dark grey to black shale and argillite.

Intrusive plutonic rocks are reported by Glover et. al., (1988) immediately south and west of Eldorado Mountain and north of Eldorado Mountain cutting across Tyaughton Creek. These plutonic rocks consist of equigranular to porphyritic quartz diorite to quartz monzonite.

Minor intrusions, predominantly dykes, of dioritic, monzonitic and felsitic composition, are present in the northwest (Ave 4 - 6) and the east (Eva 12) of the property. These dykes are reported by Chabot, (1981) to follow fault zones or major shears, and appear to be passively emplaced, show limited thermal aureoles and little or no alteration extending from their contacts. A feldspar porphyry dyke swarm has been intruded along a northnorthwesterly trend north of Tyaughton Creek (Ave 5). In this area the Tyaughton Group calcareous sandstones, greywackes and pebble conglomerates are reported to have been altered to biotite, cordierite and calc silicate hornfels. Chabot (1981) also reports the presence of basaltic necks or pipes in the northwest part of the property. These vent plugs may be feeder pipes for the Chilcotin Group plateau basalts of Upper Miocene and/or Pliocene age.

The regional faults to the northeast and southwest of the property are reflected on a local scale as northwest trending shears and thrusts. Northeast and east-west trending faults have also developed.

DRILL PROGRAMME

The 1988 drill programme was planned to investigate at depth and along strike a quartz-calcite, bismuthinite, stibnite, arsenopyrite vein, (fig. 5). The vein (315°/49°N) was discovered during the geological mapping of the Tephra Creek area (Ave 5-6) during the fall 1987 reconnaissance exploration programme. Sampling of the vein, at surface, gave an assay value of 6.51 g/tonne gold (0.19 oz/ton) over 0.228 metres. The hangingwall returned a value of 1.58 g/tonne (0.046 oz/ton) over 0.254 metres and a grab sample of the footwall of the vein gave 30 ppb gold. In 1986 a 183 metre diamond drill hole was drilled, by a previous operator, north west of the site of the discovery of *in situ* surface mineralization. This drill hole failed to intersect economic mineralization. The highest assay obtained was one of 1.68 g/tonne gold (0.049 oz/ton) over a 1.2 metre wide zone from 119.5-120.7 metres.

A total depth of 386.9 metres (1269.5 feet) was drilled in 3 NDB diamond drill holes from the 12-24 July, 1988. These three drill holes were drilled from one set up.

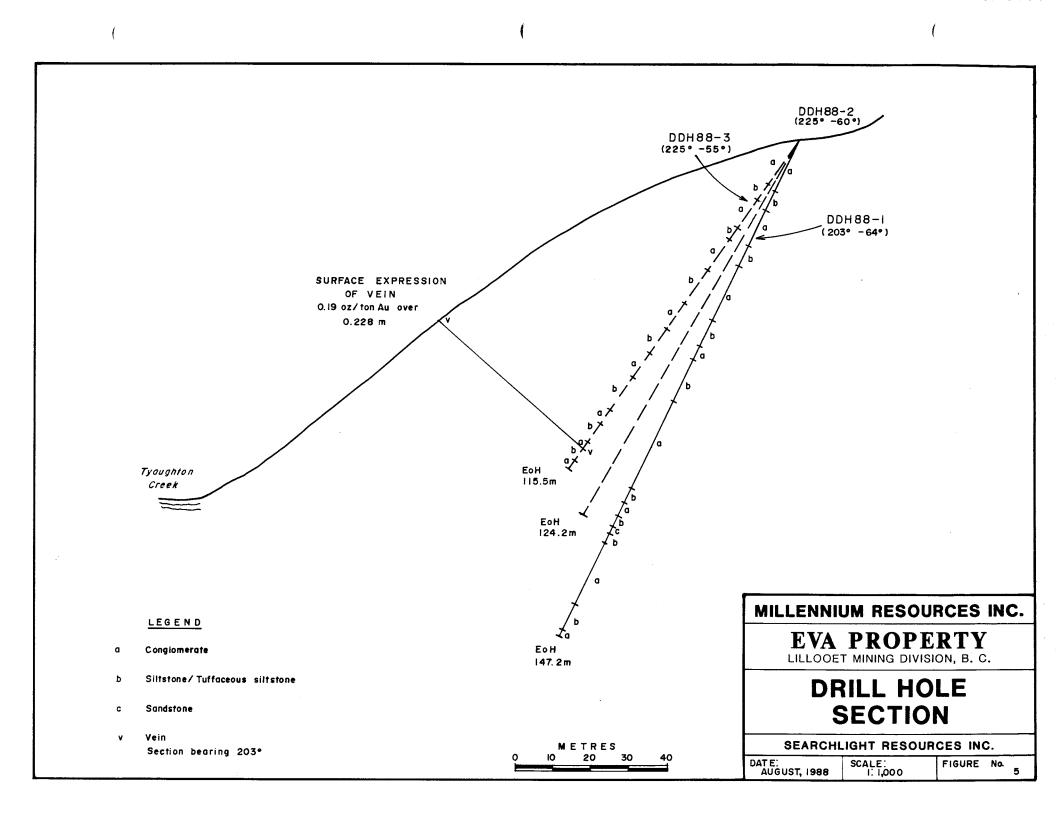
Details of the diamond drill holes are given below:

Drill Hole	Depth (m)	Depth (ft)	Azimuth	Incl.	Elev.
88-1 88-2 88-3	147.2 124.2 115.5	483.0 407.5 379.0	203° 225° 225°	-64° -60° -55°	1497.81 1497.83 1497.83
Total Depth	386.9	1269.5			

^{*} Elevations have been determined relative to the Tephra Creek grid baseline 0+00, at Tyaughton Creek, which has an elevation of 1402.00 m.

Drill Hole 88-1 (203°, -64°)

Drill Hole 88-1 intersected an alternating sequence of conglomerate and siltstone-tuffaceous siltstone. Individual units of the siltstone, tuffaceous siltstone vary in thickness from 3.2 to 12.6 metres. This unit is green-grey in colour where fresh and unweathered. Alteration or skarning has led to the development of patchy, sporadic purple-red hematite and green chlorite/actinolite/epidote/diopside. This alteration or skarning is associated with irregular and anastomosing white calcite veinlets, patches and clots.



The conglomerate units vary in thickness from 3.8 to 26.2 metres. The matrix of the conglomerate is light to dark grey and occasionally pink in colour. The conglomerate contains sub-rounded to well rounded pebbles from 10 to 50 millimetres, with rare cobbles to 100 millimetres, of quartz-feldspar porphyry, granite, porphyritic volcanics, quartz, quartzite, and siltstone in a gritty siltstone matrix. Clots of white calcite, with well rounded outlines are contained within the matrix. These calcite clots may represent the alteration of limestone or marble pebbles. The development of light to dark green chlorite/actinolite/epidote/diopside zones, up to one metre in width, in the conglomerate reveals that this unit is susceptible to skarning. One of the conglomerate units has been brecciated and healed with calcite from 93.3-95.3 metres. Pyrite blebs to 10 millimetres and occasional stringers are present associated with calcite veinlets.

A 1.9 metres sandstone unit was encountered from 114.5-116.4 metres. The sandstone is bordered by siltstone, tuffaceous siltstone units both above and below.

Pyrite mineralization in the form of stringers, blebs and rare cubes is ubiquitious throughout the core. Pyrite stringers are frequently associated with calcite veinlets. Blebs and cubes of pyrite tend to be associated with the calcite clots. One bleb of pyrrhotite were also noticed in the core in a siltstone, tuffaceous siltstone unit at a depth of 35 metres.

The vein intersection was expected between 103-113 metres, assuming a 49° dip to the vein from surface. However, only a 0.3 metre vein was intersected at a depth of 137.5-137.8 metres. This white calcite and quartz vein was not mineralized.

Drill Hole 88-2 (225°, -60°)

Drill Hole 88-2 was drilled to intersect the vein structure west of Drill Hole 88-1 and west of the original discovery. Siltstone-tuffaceous siltstone units vary in thickness from 1.6-12.8 metres and are interbedded with conglomerate units which vary in thickness from 9.6-19.7 metres. The siltstone, tuffaceous siltstone unit has patchy alteration or skarning similar to that developed in Drill Hole 88-1. This skarning has led to the development of hematite and chlorite/actinolite/epidote/diopside.

The conglomerate unit is similar to that described in Drill Hole 88-1. The pebbles are sub to well rounded and are usually 30-50 millimetres in diameter. There are two zones of veined conglomerate, from 80.5-82.3 and from 89.3-90.1 metres. Heavy calcite veining, blebs and patches have obscured the pebbly conglomeratic nature of these units. Pyrite blebs and disseminations and minor chalcopyrite and stibnite are associated with the calcite veining.

A 9.5 metre sandstone unit was encountered from 90.1-99.6 metres. The sandstone is bordered by conglomerate units both above and below. The lower contact has been heavily brecciated and rehealed with calcite and pyrite.

The vein intersection was expected between 110-120 metres, assuming a 49° dip to the vein from surface. However, only a 0.3 metre vein was intersected at a depth of 108.2-108.5 metres. This white calcite vein displayed iron staining on joint planes together with minor stibnite and specular hematite. This zone returned a value of 0.21 g/tonne gold.

Drill Hole 88-3 (225°, -55°)

Drill Hole 88-3 was drilled to intersect the vein structure at a shallow depth and to the west of the original discovery at surface. Siltstone-tuffaceous siltstone units vary in thickness from 4.5-11.4 metres and are interbedded with conglomerate units which vary in thickness from 1.2-10.3 metres. The siltstone, tuffaceous siltstone unit has patchy alteration or skarning similar to that developed in Drill Holes 88-1 and 88-2. This skarning has led to the development of hematite and chlorite/actinolite/epidote/diopside.

The conglomerate unit is similar to that described in Drill Holes 88-1 and 88-2. The pebbles are sub to well rounded and are usually less than 40 millimetres in diameter. The conglomerate unit from 75.3-84.3 metres is veined with white and dark grey calcite. Blebs and finely disseminated pyrite are associated with the calcite veining.

The vein intersection was expected between 110-115 metres, assuming a 49° dip to the vein from surface. A 0.4 metre vein was intersected at a depth of 107.7-108.1 metres. This white calcite vein displayed sharp, well defined iron stained contacts with the surrounding country rocks. The upper and lower contacts of the vein are at 85-90° and 80° to the core axis respectively. Stibnite is irregularly disseminated throughout the vein and is also concentrated in one 25 millimetre band at the centre of the vein. The vein returned a value of 0.34 g/tonne gold.

The drill core has been stored at the drill site of DDH 88-1, 2 and 3 on Tyaughton Creek.

GEOCHEMISTRY

Between the 11-24 July, 1988, 6 heavy mineral sediment samples were collected from the property, (fig. 6).

The heavy mineral sediment samples consisted of approximately 5 kg of concentrate derived from between 0.25 - 0.75 m³ of alluvial material. The sample concentrates were placed in plastic bags, labelled with the appropriate number and shipped to Chemex Labs Ltd, 212 Brooksbank Ave, North Vancouver, BC, V7J 2C1 for the following analysis:

The samples were first dried and split into -80 and +80 mesh size fractions. The -80 mesh size fraction was geochemically analyzed for gold.

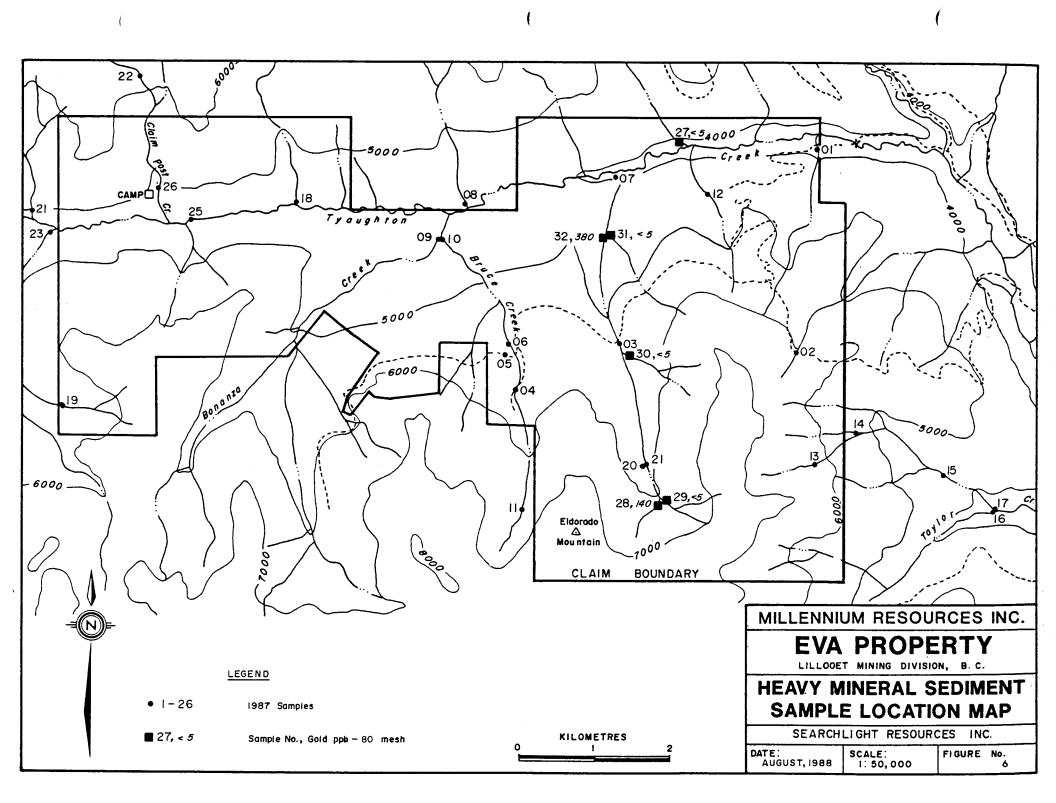
Gold analysis required 10 g subsamples to be fused with 10 mg of gold-free silver metal. The fusion was then cupelled and the resulting silver bead parted with concentrated nitric acid and treated with aqua regia. The remaining salts were then dissolved in dilute HCl and analyzed for gold via atomic absorption techniques methods with a five parts per billion (ppb) detection limit.

Silver analysis required one gram portions of each sample to be digested in concentrated nitric acid-aqua regia for approximately two hours. The digested sample was then cooled and made up to 25 mL with distilled water. The solution was then mixed and solids were allowed to settle. Silver concentration was determined using atomic absorption techniques with a detection limit of 0.1 parts per million (ppm).

Pertinent sections of the drill core were split and 34 core samples, with an approximate weight of 4 kg, were taken. These samples were placed in plastic bags, labelled with the appropriate sample number and shipped to Chemex Labs Ltd for fire assay for gold and silver.

Half assay ton sub-samples were fused in litharge, carbonate and siliceous fluxes. The lead button containing the precious metals was then cuppeled. The combined silver and gold was then weighed on a microbalance, parted, annealed and again weighed as gold. The difference in the two weighings being the silver. The silver and gold values are reported in g/tonne with 0.30 silver and 0.07 gold g/tonne detection limits.

Results from these surveys may be found in Appendix A.



RESULTS AND INTERPRETATIONS

Six samples were taken from creeks draining the east half of the property, (the Eva Group). Two samples, Eva 88-28 and 32 returned weakly aomalous values of 140 and 380 ppb gold. The gold values may originate from Eldorado Mountain and are thought to be entering the creek via the headwater tributary, sample site Eva 88-28. These gold values may be related to the Robson gold prospect, 1 kilometre south of the Ave 3 claim, to the south and west of Eldorado Mountain. No additional work is recommeded for this group.

A total of thirty-four core samples were taken during the diamond drilling programme. The highest gold values obtained were 1.17 g/tonne over 0.4 metre from 64.7-65.1 metre and over 1.5 metre from 75.3-76.8 metre, from drill holes 2 and 3 respectively. The vein intersection, seen most clearly in drill hole 3, from 107.7-108.1 metre, returned a value of 0.34 g/tonne gold over 0.4 metre. The corresponding silver values were less than 0.5 g/tonne to 1.0 g/tonne and are not considered anomalous. A value of 0.19 oz/ton (6.51 g/tonne) over 0.228 m was obtained from the vein at surface during the 1987 reconnaissance programme.

The lack of continuity between the ore grade mineralization at surface and the very low grade mineralization encountered in the drill hole does not warrant any additional exploration on the property.

COST STATEMENT

Eva (77 Units) Assessment Programme (10-26 July, 1988).

Mobilization/Demobilization

H. Macfarlane: 5,6,7 & 8 July 1.9 man days @ \$225	\$2,502.31
Field	
H. Macfarlane: 12,18,19 & 21 July, 4 man days @ \$262.50	\$8,621.37
Office	
Report preparation: 2 days @ \$225.00	\$727.65
Total	\$11,851.33

Ave (98 Units) Assessment Programme (10-26 July, 1988).

Mobilization/Demobilization

H. Macfarlane: 5,6,7 & 8 July 1.9 man days @ \$225	\$5,212.41
Field	
H. Macfarlane: 13,15-17,20,22-24 July, 8 man days @ \$262.50	\$56,935.44
Office	
Report preparation: 5 days @ \$225.00	\$1,402.65 \$63,550.50
Total Value 1988 Assessment Work, Eva Property	\$75,401.83

CERTIFICATE OF QUALIFICATIONS

I, H. S. Macfarlane, do hereby certify that:

- 1. I am a consulting geologist, resident in Vancouver, British Columbia.
- 2. I am a graduate in geology of the University of London, (BSc Honours, 1976), and of the University of Leicester, (MSc, 1981).
- 3. I am a Member of the Institution of Mining and Metallurgy, London, (MIMM) a Registered Chartered Engineer of the Engineering Council, London, (CEng) and a Fellow of the Geological Association of Canada, (FGAC).
- 4. I have practiced my profession as a geologist in Africa and the Cordillera of North America since 1976.
- 5. The information in the attached report is based on the supervision of the 1988 exploration programme on the Eva property, BC.
- 6. I have no interest, direct or indirect, in the property herein described, nor do I expect to receive any such interest.

H S Macfarlane, MSc, FGAC

Dated at Vancouver, BC, this 19th day of October, 1988.

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- Woodsworth, C.J. 1977: Pemberton Map Area. Geological Survey Canada Open File 482.

Appendix A: Sample Results



Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers
212 BROOKSBANK AVE., NORTH VANCOUVER,
BRITISH COLUMBIA, CANADA V7J-2C1
PHONE (604) 984-0221

To ARCHLIGHT RESOURCES INC.

218 - 744 W. HASTINGS ST. VANCOUVER, B.C. V6C 1A5

Project : EVA Comments: Page No. Tot. Pages: 1

Date :09-AUG-88 Invoice #:I-8820195 P.O. #:NONE

CERTIFICATE OF ANALYSIS A8820195

SAMPLE DESCRIPTION	PREP CODE	Au g/tonne	Ag FA g/tonne	
125451 125452 125453 125454 125455	207 — 207 — 207 — 207 — 207 —	<pre></pre>	< 0.50 < 0.50 < 0.50	
125456 125457 125458 125459 125460	207 207 207 207 207	0 · 1 4 0 · 6 9 0 · 2 1 0 · 0 7 < 0 · 0 7	< 0.50 < 0.50 < 0.50	
125461 125462 125463 125464 125465	207 207 207 207 207	 0.07 0.27 0.07 0.07 0.07 0.21 		
125466 125467 125468 125469 125470	207 207 207 207 207	< 0.07 0.07 < 0.07 < 0.07 0.07		
125471 125472 125473 125474 125475	207 — 207 — 207 — 207 — 207 —	 0.07 0.27 0.07 0.48 0.21 	< 0.50	
125476 125477 125478 125479 125480	207 — 207 — 207 — 207 — 207 —	< 0.48 < 0.07 0.62 0.21 < 0.07	< 0.50 < 0.50 < 0.50 < 0.50 < 0.50	
125481 125482 125483 125484	207 207 207 207	< 0.07 1.17 0.89 0.34	< 0.50	

		Musit	<u> </u>
CERTIFICATION	:		ر ر



Chemex Labs Ltd

212 BROOKSBANK AVE., NORTH VANCOUVER, BRITISH COLUMBIA, CANADA V7J-2C1

PHONE (604) 984-0221

SEARCHLIGHT RESOURCES INC.

218 - 744 W. HASTINGS ST. VANCOUVER, B.C.

V6C 1A5

Project : EVA Comments: Page Nd 1
Tot. Pages: 1
Date :11-AUG-88

Invoice #:I-8820194 P.O. #:NONE

CERTIFICATE OF ANALYSIS A8820194

SAMPLE DESCRIPTION	PRE	Au ppb FA+AA						
EVA 88-27 EVA 88-28 EVA 88-29 EVA 88-30 EVA 88-31	202 202 202 202 202 202	 < 5 140 < 5 < 5 < 5				MFM		
EVA 88-32	202	 380				AUG	1 2 1988	

CERTIFICATION: Taut Suchler

Appendix B: Drill Logs

SEARCHLIGHT RESOURCES INC. 218-744 West Hastings Street, Vancouver, B.C., V6C 1A5 (604) 684-2361

Drill Hole Record

Location: Tyaughton Creek

Hole No.: DDH 88-1

Length: 147.2 m

Commenced: 12 July, 1988

Completed: July 17, 1988

True Bearing: 202 deg.

Corr. Dip: -64 deg.

Collar Coordinates:

Property: Eva

Elev: 1497.81 m

District: Lillooet Mining

Core Size: NDB 56 mm

Hor. Comp:

Vert. Comp:

Percent Recovery:

Collar Dip: -60 deg.

Objective: Intersection of vein found in 1987

Dep	oth	Description	Recov	ery	Sample	Interval	Sample %	Sample No.	Length	Au	Ag	T	1
from	to		run	%	from	to	Recovery				1 / 1,9	 	
0	5.3	Broken core, overburden - cased, two	5.3	60							·		
5.3	5.8	CONGLOMERATE - light, med-grey when unweathered, buff-sandy colour on weathered joint planes	0.5	100_									· · · · · · · · · · · · · · · · · · ·
5.8	7.0	Pebbles to 40 mm of porphyritic voicanics - quartz-feldspar porphyry, granophyre, siltstone, granite, quartzite.	1.2	100									
7.0	7.6	Pebbles are matrix supported - of siltstone - to no matrix. Very competent core, silicified in part - hard	0.6	100									
7.6	9.1	Minor, v. finely disseminated pyrite	1.5	100									
9.1	10.7		1.6	100									
10.7	12.2		1.5	100									
12.2	13.7	Interbed from 12.2-12.8 m of med-grained sst , gradational contacts, pyrite as blebs to 3 mm and stringers - 2 mm wide	1.5	100									
13.7	15.2		1.5	100									
15.2	16.8	SILTSTONE, TUFFACEOUS SILTSTONE, hard, siliceous, pale pink to green grey, with alteration	1.6	100				-					
16.8	18.3	consisting of chlorite and actinolite development-pale- dark green "reaction rims". Rock is hard & siliceous	1.5	100									
18.3	19.8	calcite overprint to rock - it all fizzes	1.5	100									
19.8	21.0		1.2	100									
21.0	21.3	CONGLOMERATE. Pink-orange in part and light grey. Heavy Fe weathering - jt. planes in part. Pebble/cobble to	0.3	100									
21.3	22.9	60 mm length. Blebs of pyrite, in part associated with calcite, cubes to 10 mm contained within calcite	1.6	100									
22.9	24.4		1.5	100									
24.4	25.9		1.5	100									
25.9	27.4	Cobble, well rounded to 100 mm, pyrite blebs in matrix & concentrated at margin of cobble	1.6	100									

Client: Millennium Resources Inc.

Logged by: H.S. Macfarlane

Hole No: DDH 88-1

Drilling Company: Drilcor

Date: 17 July, 1988

Page 1 of 6

218-744 West Hastings Street, Vancouver, B.C., V6C 1A5 (604) 684-2361

Drill Hole Record

Dep	t h	Description	Recov	erv	Sample	interval	Sample %	Sample No.	Length	Au	Ag		T
from	to		run	%	from	to	Recovery		1		 ''y	+	
27.4	29		1.6	100									
29	30.5												
30.5	31.8												
31.8	32.0	SILTSTONE. TUFFACEOUS SILTSTONE. Pink-purple to grey-green colour, v. fine-grained & blebs of chlorite-actinolite										•	
		alteration - mottled appearance in part.											
32.0	33.5		1.5	100									
33.5	35.1	Pyrite & pyrrhotite blebs - latter bronze colour, assoc. with chlorite-actinolite	1.6	100									
35.1	36.6		1.5	100									
36.6	36.9		0.3	100									
36.9	37.4	VEINED SILTSTONE, TUFFACEOUS SILTSTONE. Purple-grey siltst/tuff siltst. brecciated & healed with calcite, white,	0.5	100									
L		minor dissem, pyrite & as blebs. Joint, Fe stained, with Fe carbonate? @ 35 degrees to CA, minor											
		white clay development & associated pyrite.											
37.4	37.7	SILTSTONE. TUFFACEOUS SILTSTONE. As siltstone above, pink-purple to grey, precciated at least twice,	0.3	100									
		calcite infill & healed, competent											
37.7	38.1	CONGLOMERATE. Buff, sandy where Fe stained - assoc, with jt. planes to yellow-light grey where fresh.	0.4	100									
38.1	39.6	Pebbly sst to conglomerate - pebbles of siltstone, quartzite, vein quartz, chert quartz-feldspar porphyry,	1.5	100									
39.6	41.1	porphyritic volcanics, granophyre & granite. Calcite blebs-replacement?	1.5	100									
		with pyrite associated. Pebbles and matrix veined by calcite.											
41.1	42.7	Broken core-ground up from 42 - 42.3 m	1.6	100									
42.7	44.2		1.5	100									
44.2	45.7		1.5	100									
45.7	47.2		1.5	100									

Project : Eva

Location: Tyaughton Creek

Logged by: H.S. Macfarlane

Date: 16 July, 1988

Hole # DDH 88-1

Page 2 of 6

218-744 West Hastings Street, Vancouver, B.C., V6C 1A5 (604) 684-2361

Drill Hole Record

Dep	th	Description	Recove	ery	Sample	intervai	Sample %	Sample No.	Length	Au	Ag	T	
from	to		run	%	from	to	Recovery						
47.2	48.8		1.6	100									
48.8	50.3	Pink-red matrix colour	1.5	100									
50.3	51.8		1.5	100									
51.8	53.3	White calcite vein at 52.4-52.6 m. sharp contacts @ 65-70 degrees to C.A.	1.5	100									
53.3	53.6		0.3	100									
53.6	53.9		0.3	100									
53.9	54.9	SILTSTONE/TUFFACEOUS SILTSTONE. Pink-purple to green-grey, v. fine grained. Hard and competent, White calcite	1	100									
ļ		veining to 10 mm @ 85 degrees to CA at 54.9 m with stringers of pyrite to 3 mm wide											
54.9	57.9	Broken core	0.4	27									
56.4	57.9	Core ground up at end of run	1.1	73									
57.9	59.4	Core hard, massive, competent	1.5	100									
59.4	61.1	Mottling and patches of chlorite-actinolite alteration, light green colour											
61.1	62.5	CONGLOMERATE. Pink-grey colour, pebbles to 15mm, calcite veining to 10 mm irregular, anastomosing.	1.5	100									
62.5	64.0	Calcite blebs - replacement - well-rounded to spherical nature	1.5	100									
64.0	65.1		1.5	100									
65.1	65.5	SILTSTONE/TUFFACEOUS SILTSTONE. Pink-purple to green-grey with chlorite actinolite alteration - blebs & mottling	0.4	100									
65.5	67.0		1.5	100									
67.0	68.6	Orange - pink colour in part with blebs of white calcite to 20 mm. containing pyrite blebs to 5 mm	1.6	100									
68.6	70.1		1.5	100									
70.1	71.6	Hard, massive. competent	1.5	100									
71.6	73.2	Heavy chlorite-actinolite alt. from 71.6 - 72 m	1.6	100									
73.2	74.7	Fine (1 mm) calcite veinlets	1.5	100									

Project : Eva

Location: Tyaughton Creek

Logged by: H.S. Macfarlane

Date: 16 July, 1988

Hole # DDH 88-1

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218-744 West Hastings Street, Vancouver, B.C., V6C 1A5 (604) 684-2361

Drill Hole Record

Dep	th	Description	Recov	ry	Sample	interval	Sample %	Sample No.	Length	Au	Ag	T	
from	to		run	%	from	to	Recovery				1	 	
74.7	76.2	Heavy pyrite assoc. with calcite, to 3% pyrite in a pink tuff? horizon, from 75.6-76,2 m	1.5	100									
76.2	77.7		1.5	100									
77.7	79.2	CONGLOMERATE. Pink to light grey, pebbles to 35 mm length, well rounded.	1.5	100									
79.2	80.8		1.6	100									
80.8	82.3		1.6	100									
82.3	82.9		0.4	67									
82.9	83.8	Moderate chlorite-actinolite alteration in matrix	0.9	100									
83.8	85.3		1.5	100									
85.3	86.9	Calcite/marble zone at 85.6-85.8 m	1.6	100									
86.9	88.4		1.5	100									
88.4	89.9	Minor chlorite-actinolite throughout. Large flow banded volc. clast to 0.2 m @ 90.5 m	1.5	100									
89.9	91.4	As above	1.5	100									
91.4	93.0	Pyrite finely disseminated and as blebs to 7 mm	1.6	100									
93.0	93.3		0.3	100									
93.3	94.5	CONGLOMERATE BRECCIATED. Light grey-pink, (possibly skarned) conglomerate, finely brecciated and	0.8	100									
94.5	95.3	healed with calcite, individual fragments to 10 mm, angular, white calcite, also white clay mineral in part.											
		Pyrite stringer & blebs to 10 mm. Competent and massive core. Some pyrite assoc, with calcite veinlets 5-7 mm wide											
95.3	96.0	CONGLOMERATE. Light grey-pink/yellow, pebbles to 30 mm well rounded as before. Calcite	0.7	100									
		veinlets with pyrite stringer in part, to 3 mm wide @ 97.3 and 98 m											
96.0	97.5	Hard massive competent, with calcite blebs- replacement of pebbles? Calcite overprint throughout	1.5	100									
97.5	99.1	Core broken at end of run	1.4	88									
99.1	100.6	As above, pyrite stringer in calcite veinlet @ 99.6 m	1.5	100									

Project : Eva

Location: Tyaughton Creek

Logged by: H.S. Macfarlane

Date: 16 July, 1988

Hole # DDH 88-1

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218-744 West Hastings Street, Vancouver, B.C., V6C 1A5 (604) 684-2361

Drill Hole Record

Dep		Description	Recov	ery	Sample	interval	Sample %	Sample No.	Length	Au	Ag	T	1
from	to		run	%	from	to	Recovery	Campio No.	J.J.	7.0	79	 	 -
100.6	101.2		0.6	100						·			
101.2	102.7	As above	1.5	100									
102.7	103.9	Contact with siltstone below, sharp at 35 degrees to CA	1.2	100									
103.9	104.2	SILTSTONE. TUFFACEOUS SILTSTONE. Pink, light grey in part, v. fine grained with white calcite blebs & patches	0.3	100									
104.2	105.8	randomly scattered throughout - rock skarned? Also calcite veinlets which have been broken and rehealed.	1.6	100									
105.8	107.3	Pyrite, 2 - 3% as blebs & stringer with calcite. Core hard and siliceous	1.5	100									
107.3	107.5		0.2	100								-	
		CONGLOMERATE Pink -light-med grey, pebbles to 25 mm diameter, well rounded, of chert, quartzite, vein qtz.											
107.5	108.8	rounded and irregular calcite patches - replacement of limestone? Igneous rocks: porphyries, quartz-feldspar	1.3	100									
108.8	110.3	porphyry, etc.	1.5	100									
110.3	111.3	Fe stained jt. zone @ 109.3-109.5 m. Otz. vein from 110,9-111.2 m, with minor calcite veinlets sharp	1	100				:					
		contact at 65 degrees to CA, is Fe stained on jt. no mineralization. Pyrite blebs throughout conglom.											
111.3	111.9	SILTSTONE, TUFFACEOUS SILTSTONE. Green, grey in part - skarned? Chlorite actinolite alteration. Purple-red	0.6	100									
111.9	113.4	patches - hematite? Patches of white calcite in part and calcite as veinlets to 5 mm wide. Pyrite v. minor, as blebs	1.5	100									
113.4	114.5	to 3 mm diameter. Sharp contact with unit below - at 70 degrees to CA, weakly slickensided, minor clay	1.1	100									
		development on contact.						_					
114.5	114.9	SANDSTONE. Pink-light grey, medium grained, sandstone of sand grains - pink hematite? and grey grains.	0.4	100									
114.9	116.4	With disseminated and blebs of pyrite to 2-3 mm also as stringers in calcite veinlets.	1.5	100									-
116.4	118.0	SILTSTONE, TUFFACEOUS SILTSTONE. Grey-green to purple red, skarned? Chlorite actinolite with hematite.	1.6	100									
118	119.5	Patches - blebs of calcite - mottled nature	1.5	100									
119.5	119.6	Non-planar but sharp contact with conglomerate below.	0.1	100									
119.6	121	CONGLOMERATE. Light-med grey, faint green tinge at beginning of unit - chlorite-actinolite.											

Project : Eva

Location: Tyaughton Creek

Logged by: H.S. Macfarlane

Date: 16 July, 1988

Hole # DDH 88-1

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218-744 West Hastings Street, Vancouver, B.C., V6C 1A5 (604) 684-2361

Drill Hole Record

Dep	t h	Description	Recove	ry	Sample	interval	Sample %	Sample No.	Length	Au	Ag	T	
from	to		run	%	from	to	Recovery						
121.0	122.5	Pebbles - tabular in part to 50 mm. White calcite vein from 120.4-120.7 m, sharp contacts @ 40 degrees to CA.	1.5	100									
122.5	124.0	Massive, fairly competent	1.5	100									
124.0	125.6		1.6	100									
125.6	127.1	As above	1.5	100									
127.1	128.6	Fe stained joints throughout - i.e. close to surface (occasional calcite veining/veinlets 5-40 mm wide)											
128.6	130.1												
130.1	132.0	Chlorite-actinolite alteration @ 131.1m. Ground core at 130.6m	1.8	95									
132.0	133.5		1.5	100									
133.5	135.0		1.5	100									
135.0	136.5	Pyrite finely dissem, and as blebs, to 3 mm. Granite pebbles @ 134 m	1.5	100									
136.5	137.5		1	100									
137.5	137.8	CALCITE AND QUARTZ VEIN. Upper contact @ 60 degrees lower at 80 degrees to CA, white massive,	0.3	100									
		with one Fe stained fracture, no pyrite.											
137.8	138.1	SILTSTONE, TUFFACEOUS SILTSTONE. Pink to 138.3, i.e. near vein - skarned? green grey to red purple - hematite	0.3	100									
138.1	139.6	further down hole. Blebs & patches of chlorite-actinolite alteration	1.5	100									
139.6	141.1	As above	1.5	100									
141.1	142.6	Brecciated veinlet @ 141.7 m to 20 mm with angular pyrite blebs in part	1.5	100									
142.6	144.2		1.6	100									
144.2	145.7		1.5	100									
145.7	147.2	CONGLOMERATE. Light grey colours, pebbles to 50 mm, pyrite blebs to 2 mm	1.5	100									

Project : Eva

Location: Tyaughton Creek

Logged by: H.S. Macfarlane

Hole # DDH 88-1

Date: 16 July, 1988

Page 6 of 6

218-744 West Hastings Street, Vancouver, B.C., V6C 1A5 (604) 684-2361

Drill Hole Record

Property: Eva

Location: Tyaughton Creek

District: Lillooet Mining

Hole No.: DDH 88-2

Length: 124.2 m

Commenced: 17 July, 1988

Completed: 20 July, 1988

Core Size: NDB

True Bearing: 225 deg.

Corr. Dip: -60 deg.

Collar Coordinates:

Elev: 1497.83 m

Hor. Comp:

Vert. Comp:

Percent Recovery:

Collar Dip: -60 deg.

Objective:

Dep	pth	Ī	Description	Recove	rv	Sample	Interval	Sample %	Sample No.	Length	Au	l Ag		
from	to			run	%	from	to	Recovery			7.43	1	 	
0	,	6.4	OVERBURDEN	4	62							· ·		
			Fragments to 150 mm of siltstone, tuffaceous siltstone and conglomerate, most of core broken - pieces to 20 mm											
		4												
6.4		7.9	CONGLOMERATE	1.5	100									
7.9	9	9.4	Med-grey colour, pebbles, rounded, of vein quartz, chert, quartzite, shale/slate, (tabular) calcite as replacement of	1.5	100									
9.4	12	2.5	limestone ? porphyritic volcanic and intrusive rocks. Joints heavily Fe stained	3.1	100									
12.5	14	4.0		1.5	_100									
14.0	14	4.4	calcite veinlets to 3 mm, blebs of pyrite to 3-4 mm diameter	0.4	100									
		_	SILTSTONE. TUFFACEOUS SILTSTONE											
14.4	15	5.5	Pink, mottled - where skarned, to green-grey - chlorite-actinolite alteration, with large - 15 mm	1.1	100									
15.5	17	7.0	calcite blebs, with associated pyrite. Fe stained joints	1.5	100									
17.0	18	8.6		1.6	100									
18.6	19	9.6		1	100									
19.6	20	0.1	CONGLOMERATE. Med-grey, pebbly sandstone to conglomerate with calcite "replacement" blebs	0.5	100									
20.1	21	1.6	with assoc. pyrite contained within the blebs	1.5	100									
21.6	23	3.2		1.6	100						_			
23.2	24	4.7		1.5	100									
24.7	26	5.2		1.5	100									

Client: Millennium Resources Inc.

Logged by: H.S. Macfarlane

Hole No: DDH 88-2

Drilling Company: Drilcor

Date: 20 July, 1988

Page 1 of 6

218-744 West Hastings Street, Vancouver, B.C., V6C 1A5 (604) 684-2361

Drill Hole Record

Dep	_	Description	Recove	ry	Sample	interval	Sample %	Sample No.	Length	Au	Ag	1	
from	to		run	%	from	to	Recovery			g/tonne	g/tonne		
26.2	27.7		1.5	100									
27.7	29.2		1.5	100									
29.2	29.3	SILTSTONE, TUFFACEOUS SILTSTONE.	0.1	100									
29.3	30.8	Olive green - chlorite/actinolite alteration to purple-red hematite, mottled, calcite blebs and fine veinlets	1.5	100									1
30.8	32.0	sharp contact with conglom below @ 30 deg. to CA - not gradational	1.2	100									1
32.0	32.3	CONGLOMERATE	0.3	100									
32.3	33.8	Light pink-grey conglomerate, pebbles to 30 mm, inc. conglom, pebbles, no matrix in part, to matrix	1.5	100									
33.8	35.4	supported. Heavy Fe stained joints limonite from 39-41 m. Blebs of pyrite to 5 mm throughout	1.6	100									
35.4	36.9		1.5	100									
36.9	38.4		1.5	100									
38.4	39.9		1.5	100									
39.9	41.5		1.6	100									
41.5	42.9		1.4	100									
42.9	44.5		1.6	100									
44.5	46.0		1.5	100								_	
46.0	46.4		0.4	100									
46.4	47.5	SILTSTONE, TUFFACEOUS SILTSTONE	1.1	100									
47.5	47.8	Pink-grey siltstone, skarned? with green grey chlorite actinolite patches.	0.3	100									
47.8	49.3	Sample = heavy Fe stained decomp. of pyrite, up to 25-30% FeS2 in part. calcite veined,	1.5	100	47.8	49.2	100	125451	1.5	0.07	< 0.50		
49.3	50.6	broken, brecciated and healed skarned tuffaceous siltstone. Pyrite finely dissem, and as blebs	1.3	100									
50.6	52.1		1.5	100									
52.1	53.6		1.5	100									

Project : Eva

Location: Tyaughton Creek

Logged by: H.S. Macfarlane

Date: 20 July, 1988

Hole # DDH 88-2

Page 2 of 6

218-744 West Hastings Street, Vancouver, B.C., V6C 1A5 (604) 684-2361

Drill Hole Record

Dep	t h	Description	Recove	rv	Sample	interval	Sample %	Sample No.	Length	Au	Ag	
from	to		run	%	from	to	Recovery	Sample No.	Lengui	Au	Ag	
53.6	55.2		1.6	100								
55.2	58.2	Heavy chlorite/actinolite 56.9-57.3 m	3	100								
58.2	59.2		1	100								
59.2	59.7	CONGLOMERATE	0.5	100								
59.7	61.3	Pinkish grey-green grey, pebbly sst to conglomerate, varied pebbles, to 50 mm diameter	1.6	100							·	
61.3	62.8	Fe stained in part. Minor pyrite blebs	1.5	100								
62.8	63.7		0.9	100								
63.7	64.3		0.6	100								
64.3	64.7	Fine grained sst, with 50% pyrite in one 80 mm zone. Minor atz-calcite veining.	0.4	100	63.7	64.7	100	125452	1	< 0.07	< 0.50	
64.7	65.1	CALCITE VEIN. White to Fe stained calcite, with one xenolith of pebbly sst.	0.4	100	64.7	65.1	100	125453	0.4	1.17	< 0.50	
65.1	65.8	CONGLOMERATE As above, sample with two stages of veining and healing, pyrite throughout sample	0.7	100	65.1	65.8	100	125454	0.7	0.55	< 0.50	
65.8	67.4	blebs & stringers	1.6	100								
67.4	68.9		1.5	100								
68.9	70.4		1.5	100								
70.4	71.0		0.6	100								
71.0	72.5	As above, pink-grey conglom, pebbly sst zones. Pyrite as blebs & stringers, former assoc, with calcite blebs	1.5	100								
72.5	74.1		1.6	100								
74.1	74.7		0.6	100								
74.7	75.6	SILTSTONE, TUFFACEOUS SILTSTONE. Pink-grey skarned? with calcite blebs & veinlets, hard silicified?	0.9	100	74.7	75.6	100	125455	0.9	0.07	< 0.50	
75.6	76.3	with 20-30% pyrite in calcite stringers & veins. Pyrite also disseminated, core Fe stained and broken 75.6-75.3 m	0.7	100	75.6	76.3	100	125456	0.7	0.14	<0.50	
76.3	77.1	Pink to grey as above	0.8	100	76.3	77.1	100	125457	0.8	0.69	< 0.50	
77.1	77.9	Green-grey chlorite with 5 mm wide pyrrhotite stringer	0.8	100	77.1	77.9	100	125458	0.8	0.21	< 0.50	

Project: Eva

Location: Tyaughton Creek

Logged by: H.S. Macfarlane

Date: 20 July, 1988

Hole # DDH 88-2

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Drill Hole Record

218-744 West Hastings Street, Vancouver, B.C., V6C 1A5 (604) 684-2361

Dep	t h	Description	Recove	y I	Sample	Interval	Sample %	Sample No.	Length	Au	Ag		
from	to		run	%	from	to	Recovery	ou.npio ita.	20.19	g/tonne	g/tonne		
77.9	78.	CONGLOMERATE	0.7	100	77.9	78.6	100	125459	0.7	0.07	<0.50		
78.6	80.	Pink-light-med grey, skarned? Massive, competent, siliceous. Calcite veinlets to 20 mm	1.6	100	78.6	79.6	100	125460	1	< 0.07	< 0.50		
80.2	80.	Finely disseminated and blebs of pyrite to 5 mm, less than 1%. Fe stained joints	0.3	100	79.6	80.5	100	125461	0.9	< 0.07	< 0.50		
80.5	. 81.	VEINED CONGLOMERATE. Light-med grey colour, heavily calcite veined throughout,	0.9	100	80.5	81.4	100	125462	0.9	0.27	< 0.50		
81.4	82.	mask's conglomeratic native, skarned?Hard and massive.Pyrite as blebs and disseminations throughout	0.9	100	81.4	82.3	100	125463	0.9	0.07	<0.50		
82.3	83.	CONGLOMERATE. Green-grey matrix - chlorite actinolite skarn? Contained pebbles veined and altered - green	0.9	100	82.3	83.7	100	125464	1.4	0.07	< 0.50		
83.2	83.	Minor finely disseminated pyrite.	0.5	100									
83.7	84.	Pink-grey conglomerate, not skarned.	1	100									
84.7	84.	As above	0.2	100	83.7	84.9	100	125465	1.2	0.21	<0.50		
84.9	85.9	Green-grey skarned conglomerate - indistinct pebbles	1	100	84.9	85.9	100	125466	1	<0.07	<0.50		
85.9	87.0	Pink-grey pebbly sandstone - conglomerate, large 5 mm blebs of pyrite, associated with calcite veinlets & blebs	1.1	100	85.9	87	100	125467	1.1	0.07	< 0.50		
87.0	88.2		1.2	100	87	88.2	100	125468	1.2	< 0.07	< 0.50		
88.2	89.3	As above	1.1	100	88.2	89.3	100	125469	1.1	<0.07	< 0.50		
89.3	90.	VEINED CONGLOMERATE. Med grey colour, with indistinct pebbles, calcite veinlets & blebs and	0.8	100	89.3	90.1	100	125470	0.8	0.07	<0.50		
-		heavy pyrite and stibnite? at end of zone, over 25 mm in calcite vein, also chalcopyrite	-										
90.1	90.8	SANDSTONE, TUFFACEOUS SANDSTONE	0.7	100	90.1	90.8	100	125471	0.7	< 0.07	< 0.50		
		Bright pink grey to dark grey colour, speckled to finely mottled, from blebs of chlorite, pyrite and coarse rock	1										
		fragments - to 2-3 mm diameter.											
90.8	91.7	Broken and rehealed 25 mm calcite vein @ 91.7 m	0.9	100	90.8	91.7	100	125472	0.9	0.27	<0.50		
91.7	92.3	Minor pyrite/pyrrhotite? veinlets @ 92.5 m	0.6	100									
92.3	93.0		0.7	100	91.7	93	100	125473	1.3	0.07	<0.50	٠.	
93.0	93.8	Veining - calcite and pyrite, stibnite? specular hematite? 93.3-93.5 m	0.7	100	93	93.8	100	125474	0.7	0.48	<0.50		

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218-744 West Hastings Street, Vancouver, B.C., V6C 1A5 (604) 684-2361

Drill Hole Record

Dep	t h	Description	Recove	rv	Sample	Interval	Sample %	Sample No.	Length	Au		
from	to		run	%	from	to	Recovery	Sample 140.	Length	g/tonne	Ag g/tonne	
93.8	95.4	Sandstone - tuffaceous sandstone, yellow crystal laths,feldspars - indistinct outline to 3mm in length	1.6	100			· · · · · · · · · · · · · · · · · · ·			9,100	gyioniic	
95.4	96.4	As above	1	100								
96.4	96.9	Heavy disseminated pyrite 96.6-96.9 with stringers at 96.7 m	0.5	100								
96.9	97.1		0.2	100	96.4	97.1	100	125475	0.7	0.21	< 0.50	
97.1	98.4	Calcite veinlets to 4 mm and pyrite	1.3	100	97.1	98.4	100	125476	1.3	0.48	<0.50	
98.4	99.0		0.6	100	98.4	99	100	125477		<0.07	< 0.50	
99.0	99.6	Heavily brecciated and rehealed from 99.4-99.6 - calcite cement with blebs and disseminated	0.6	100	99	99.6	100	125478		0.62	< 0.50	
		pyrite. Calcite coatings around each brecciated fragment.										
99.6	101.5	CONGLOMERATE. Pink-med grey colours, coarse pebbles to 50 mm diameter. Disseminated pyrite and blebs	1.9	100								
101.5	102.7	assoc. with calcite veinlets to 8 mm										
102.7	104.2											
104.2	105.8											
105.8	107.3											
107.3	108.2				_							
108.2	108.5	CALCITE VEIN. White and minor Fe staining on joint planes, with minor stibnite? and specular	0.3	100	108.2	108.5	100	125479	0.3	0.21	< 0.50	
		hematite < 1%									10.00	
108.5	108.8	CONGLOMERATE. As above										
108.8	110.3	From 109.3-109.8 m is a zone of skarned? chlorite-actinolite alteration - in siltstone - tuffaceous siltstone	1.5	100								
110.3	111.9		1.6	100								
111.9	113.4	From 112-112.4 green skarned? congiomerate	1.5	100								
113.4	114.6	From 114.4-115 coarse vuggy congiomerate	1.2	100								
114.6	116.1		1.5	100								

Project : Eva

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Date: 20 July, 1988

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218-744 West Hastings Street, Vancouver, B.C., V6C 1A5 (604) 684-2361

Drill Hole Record

Dep	th	Description	Recove	rv	Sample	interval	Sample %	Sample No.	Length	Au	Ag	Г	
from	to		run	%	from	to	Recovery	Gain, pro tro.					
116.1	118.0	Becoming finer grained towards end of run - i.e. a pebbly sandstone.											
118.0	119.3	Pink-grey, medium grained, pebbly sandstone											
119.3	119.5	SILTSTONE, TUFFACEOUS SILTSTONE	0.2	100									
119.5	120.9	Dark green grey, fine grained, skarned? chlorite-actinolite alteration. with calcite blebs, patches & veinlets	1.4	100									
120.9	121.2	PEBBLY SANDSTONE - CONGLOMERATE	0.3	100		ļ							
121.2	122.7	Pink-grey, med-coarse grained sst. with occasional pebbles to 5 mm. Brecciated and broken core	1.5	100		<u> </u>							
122.7	124.2	from 120.9-121.2 m								<u> </u>			
		E. o H. @ 124.2 m											
										<u>-</u>			
								: 					
L													

Project: Eva

Location: Tyaughton Creek

Logged by: H.S. Macfarlane

Date: 20 July, 1988

Hole # DDH 88-2

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Drill Hole Record

218-744 West Hastings Street, Vancouver, B.C., V6C 1A5 (604) 684-2361

Property: Eva

Location: Tyaughton Creek

District: Lillooet

Hole No.: DDH 88-3

Length: 115.5 m

Commence 20 July, 1988

Completed: 23 July, 1988

Core Size: NDB Elev: 1497.83 m True Bearing: 225 deg.

Corr. Dip: -55 deg.

Collar Coordinates: Percent Recovery:

Collar Dip: -55 degrees

Objective

Hor. Comp:

Vert. Comp:

Der	oth	n Description	Recove	rv	Sample	Interval	Sample %	Sample No.	Length	Au	Ag	
from	,	· · · · · · · · · · · · · · · · · · ·	run	·, ,	from	to	Recovery	Sample 140.	Lengan		79	
0	e	6.6 OVERBURDEN. Fragments of conglomerate and siltstone, tuff. siltstone, broken core	4	60								
6.6	8	8.0 CONGLOMERATE. Med-dark grey, greenish grey in part, pebbles varied origin, to 40 mm diameter, well rounded.	1.4	100								
8.0	9	9.5 Fe stained joints. Massive, competent core	1.5	100								
9.5	11	11.0	1.5	100								
11.0	12	12.5	1.5	100								
12.5	14	14.0	1.5	100								
14.0	15	15.5 Brecciated zone, 15.1-15.3 - calcite veining - healed core.										
15.5	17	17.1 SILTSTONE, TUFFACEOUS SILTSTONE	1.6	100								
17.1	18	18.6 Pink-red to green-grey - skarned, chlorite-actinolite alteration and hematite? Heavy Fe (Limonite) staining	1.5	100								
18.6	19	19.8 in part. Gradational contact with unit below.	1.2	100								
19.8	20	20.4	0.6	100								
20.4	21	21.1	0.7	100								
21.1	22	22.0 CONGLOMERATE	0.9	100							_	
22.0	_23	23.5 Pink-grey pebbly sandstone - conglomerate with occasional calcite patches & associated pyrite blebs to 5 mm	0.9	100								
23.5	25	25.0	1.5	100								
25.0	26	26.5	1.5	100								
26.5	28	28.0	1.5	100								
28.0	29	29.6	1.6	100								

Client: Millennium Resources Inc.

Logged by: H.S. Macfarlane

Hole No: DDH 88-3

Drilling Company: Drilcor

Date: 23 July, 1988

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218-744 West Hastings Street, Vancouver, B.C., V6C 1A5 (604) 684-2361

Drill Hole Record

Dep		Description	Recove	ry	Sample	Interval	Sample %	Sample No.	Length	Au	Ag		
from	to		run	%	from	to	Recovery			g/tonne	g/tonne		
29.6	31.	Gradational contact w/unit below, weak chlorite-actinolite alteration of conglorn, towards base of unit	1.4	100									
31.0	32.	7 SILTSTONE, TUFFACEOUS SILTSTONE. Medium-dark red-grey, with patches, mottled, of alteration	1.7	100									
32.7	34.	5 Calcite veinlets 1-5 mm occasionally	1.8	100									
34.5	35.	7	1.2	100									
35.7	35.	В	0.1	100	_						*		
35.8	37.	2 CONGLOMERATE	1.4	100									
37.2	38.	7 Pink-med-dark grey conglomerate. limonite stained joints	1.5	100									
38.7	40.	2	1.4	100									
40.2	41.	3	1.6	100									
41.8	43.	3	1.5	100									
43.3	44.		0.8	100									
44.1	44.	Neined conglom with calcite, to 5mm & pyrite stringers, dark grey colour	0.7	100	44.1	44.8	100	125480	0.7	<0.07	< 0.50		
44.8	46.	1 calcite vein 45.8-46.1	1.3	100	44.8	46.1	100	125481	1.3	< 0.07	<0.50		
46.1	46.	SILTSTONE, TUFFACEOUS SILTSTONE	0.2	100									
46.3	47.	Pink-red siltstone, to grey in part, with calcite veinlets to 20 mm wide, broken core from 47.9 through to 52 m	1.6	100									
47.9	49.		1.5	100								-	
49.4	50.	Minor blebs of pyrite	1,5	100									
50.9	52.		1.5	100									
52.4	53.	Pyrite blebs to 15 mm @ 52.5 m	0.6	100									
53.0	54.	Mottled green colour from 54.3m - chlorite-actinolite alteration	1.6	100									
54.6	55.	5	0.9	100								-	
55.5	57.0		15	100									

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Hole # DDH 88-3

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218-744 West Hastings Street, Vancouver, B.C., V6C 1A5 (604) 684-2361

Drill Hole Record

Dep	* h	Description	Recove		C1-	1-1	10 100		1				
from	to	Secupitor	run	y %	from	Interval to	Sample % Recovery	Sample No.	Length	Au g/tonne	Ag g/tonne		
55.5	57.0		1.5	100			1.200.0.7			gytoniic	gytome	-	
57.0	57.5		0.5	100									
57.5	58.5	CONGLOMERATE. Dark grey colour, calcite blebs & associated pyrite. Calcite vein 15-25 mm	1	100									
58.5	60.1	wide at 58.4 @ 80 degrees to CA and pyrite blebs	1.6	100									
60.1	61.6		1.5	100	.,								
61.6	63.1	Dark grey from 61-63.6 m - high argillaceous content?	1.5	100									<u></u>
63.1	64.9		1.8	100					<u> </u>				
64.9	66.1	Pink grey colour from 64.5-66.1 m	1.5	100									
66.1	67.7	SILTSTONE, TUFFACEOUS SILTSTONE. Pink-grey with mottled green colour from 67.3 m - chlorite-	1.6	100									
67.7	69.5	actinolite alteration. Calcite blebs and veinlets. Minor pyrite	1.8	100									
69.5	70.8		1.3	100									
70.8	72.3	As above	1.5	100									
72.3	73.7		1.4	100									
73.7	75.3												
75.3	76.8	CONGLOMERATE. Veined conglomerate - med-dark grey with white calcite veining, med-coarse grained	1.5	100	75.3	76.8	100	125482	1.5	1.17	< 0.50		
		pebbly sst in part. Brecciated and healed at 76.5-76.6											
76.8	78.4	As above	1.6	100									
78.4	79.9		1.5	100									
79.9	81.4		1.5	100									
81.4	82.9		1.5	100									
82.9	83.8		0.9	100									

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218-744 West Hastings Street, Vancouver, B.C., V6C 1A5 (604) 684-2361

Drill Hole Record

Dep	t h	Description	Recovery		Sample interval		Sample %	Sample No.	Length	Au	Ag		
from	to		run	%	from	to	Recovery			g/tonne	g/tonne		
83.8	84.3	Med-dark grey calcite veining and dark argillaceous bands - finely disseminated pyrite. Blebs of	0.5	100	83.8	84.3		125483	0.5	0.89	1.00		
		pyrite. Brecciated zone - 50mm at end of run pyrite also brecciated.											
84.3	84.5	SILTSTONE. TUFFACEOUS SILTSTONE .	0.2	100									
84.5	86.0	Dark green-grey, uniform, massive - crystal laths to 3 mm - porphyritic nature - tuffaceous sandstone/porphyritic tuff?	1.5	100									
86.0	87.5		1.5	100									
87.5	89.0		1.5	100									
89.0	90.5		1.5	100									
90.5	92.1		1.6	100									
92.1	93.6	Light grey - with pale yellow blebs - crystal laths, tuffaceous sandstone, with fine calcite veining	1.5	100									
93.6	94.8		1.2	100									
94.8	95.1	CONGLOMERATE	0.3	100									
95.1	96.6	Grey to green grey conglomerate, pebbles to 30 mm diameter. 80 mm calcite vein	1.5	100									
96.6	98.1	at 97.6m - white, with sharp contacts	1.5	100									
98.1	99.7		1.6	100									
99.7	99.8	chlorite-actinolite alteration at 99 m	0.1	100									
99.8	101.2	SILTSTONE, TUFFACEOUS SILTSTONE	1.4	100									
101.2	102.7	Pink-red (hematite?) to green - chlorite-actinolite, mottled, patchy, occasional calcite blebs and	1.5	100									
102.7	104.2	patches and veinlets to 5 mm wide	1.5	100									
104.2	105.8		1.6	100								-	
105.8	106.5	As above											
106.5	107.3	CONGLOMERATE	0.8	100									
107.3	107.7	Pink grey - pebble conglomerate	0.4	100									

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Drill Hole Record

Depth		Description	Recovery		Sample Interval		Sample %	Sample No.	Length	Au	Ag	
from	to		run	%	from	to	Recovery			g/tonne	g/tonne	
107.7	108.1	VEIN - white calcite and stibnite - steel grey colour, minor Fe staining at upper and lower contacts.	0.4	100	107.7	108.1	100	125484	0.4	0.34	0.80	
		One 25 mm band of solid stibnite at centre of zone. Sharp contacts - upper at 85-90 degrees										
		and lower at 80 degrees to CA										
108.1	108.5	SILTSTONE	0.4	100								
108.5	109.4	Light pink-grey, v. fine grained, green-grey from 109.9 m onwards, chlorite-actinolite	0.9	100								
109.4	110.9	alteration, mottled colour	1.4	100								
110.9	112.5		1.6	100								
112.5	112.6		0.1	100								
112.6	114.0	CONGLOMERATE	1.4	100								
114.0	115.5	Green-grey pebbly-sandstone to conglomerate, possibly skarned - chlorite? Calcite veinlets	1.5	100								
		irregular throughout to 5 mm wide.										
					İ							
		E. o. H. @ 115.5 m										

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