

181-# 398-# 9137

REPORT

1980 EXPLORATION PROGRAM

on

GOLDFINCH GROUP MINERAL CLAIMS

(Camborne Group)

50° 49' N, 117° 39' W NTS 82K / 13E

for

EATON MINING & EXPLORATION LTD.

in the

REVELSTOKE MINING DIVISION

BRITISH COLUMBIA

CANADA

by

W. S. Read, B.Sc., P.Eng.
Cobble Hill, B.C.
Canada

MINERAL RESOURCES BRANCH
ASSESSMENT REPORT

9137

NO.

31 May 1981

Part 1
of 2

WAYLAND S. READ, B.SC., P.ENG.
CONSULTING GEOLOGIST

AREA CODE 604-TELEPHONE 743-2279

851 CHERRY POINT ROAD, COBBLE HILL, B.C. V0R 1L0 CANADA

31 May 1981

The Board of Directors,
Eaton Mining & Exploration Ltd.,
606 - 837 West Hastings Street,
Vancouver, B.C.
V6C 1B8

Gentlemen:

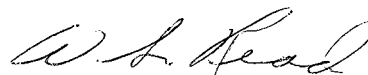
Please find attached my report on the 1980 Exploration Program on the Goldfinch Group of mineral claims.

The report with sixteen maps and appendices covers work in compiling the exploration data on the property and forms a sound basis for continuing work.

A list of the shipments of direct shipping gold mineralized quartz mined and sent to the Cominco smelter at Trail is included.

A program for continuing the exploration, and following up of the 1980 targets is recommended.

Respectfully submitted,



W. S. Read, P.Eng.

WSR/

Att.

TABLE OF CONTENTS

	<u>Page No.</u>
LOCATION	1
ACCESS	1
TOPOGRAPHY AND VEGETATION	2
ACCOMMODATION	2
CLAIMS HELD BY COMPANY	3
HISTORY	4
1980 PROGRAM	7
GEOLOGY	8
DETAILED GEOLOGY AND MINERALOGY	9
1003 LEVEL	9
1023 LEVEL	10
GLORY HOLE	11
OTHER SHOWINGS	13
SAMPLING	13
UNDERGROUND MINING AND REHABILITATION	15
GEOCHEMISTRY	17
DIAMOND DRILLING - 1976	20
CONCLUSIONS	22
RECOMMENDATIONS	23
ESTIMATE OF COST	23
BIBLIOGRAPHY	24
LOCATION MAP	

Continued...

TABLE OF CONTENTS

Continued

<u>MAPS</u>	<u>Scale</u>
1. Compilation Map	1:1000
2. Compositing Plan & Surface Geology	1:200
3. 1003 Level - Geological Plan	1:200
4. 1003 Level - Assay Plan	1:200
5. 1023 Level & Surface - Geology Plan	1:200
6. 1023 Level & Surface - Assay Plan	1:200
7. Surface Geology Plan	1:200
8. Reconnaissance Geochemical Survey (Detailed area)	1:1000
9. Cross Section A-A'	1:200
10. Cross Section B-B'	1:200
11. Cross Section C-C'	1:200
12. Cross Section D-D'	1:200
13. Cross Section E-E'	1:200
14. Cross Section F-F'	1:200
15. Reconnaissance Geochemical Survey and Claim Group Map	1:15,840
16. Vertical Cross Section through Drill Holes 2, 3 and 4	1:200
APPENDIX A	VEIN AVERAGES
APPENDIX B, 1-3	GEOCHEMICAL PROCEDURES
APPENDIX C, 1-12	GEOCHEMICAL - CERTIFICATES OF ANALYSIS
APPENDIX D, 1-5	DIAMOND DRILLING - CERTIFICATES OF ASSAY
APPENDIX E, 1-14	CERTIFICATES OF ASSAY

LOCATION:

The Goldfinch group of mineral claims composed of 40 units and nine crown granted mineral claims is located in the Revelstoke Mining Division, British Columbia, Canada.

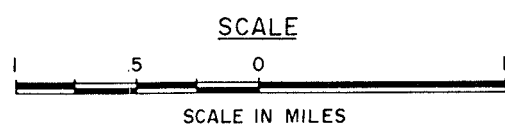
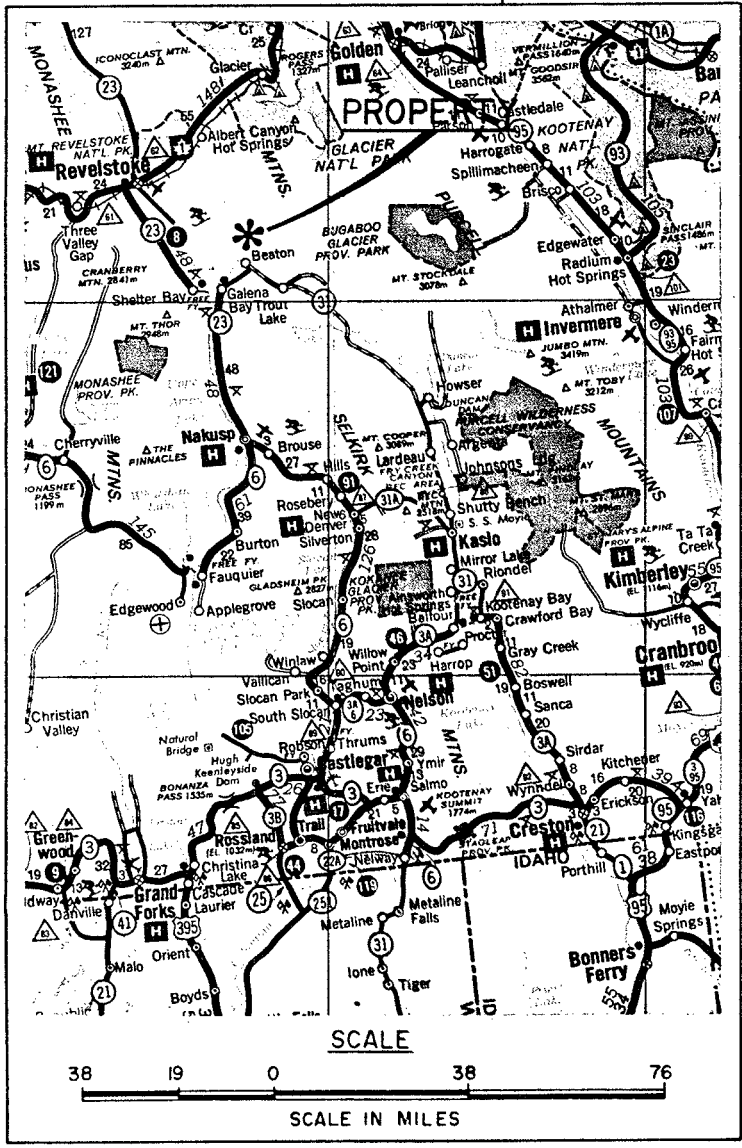
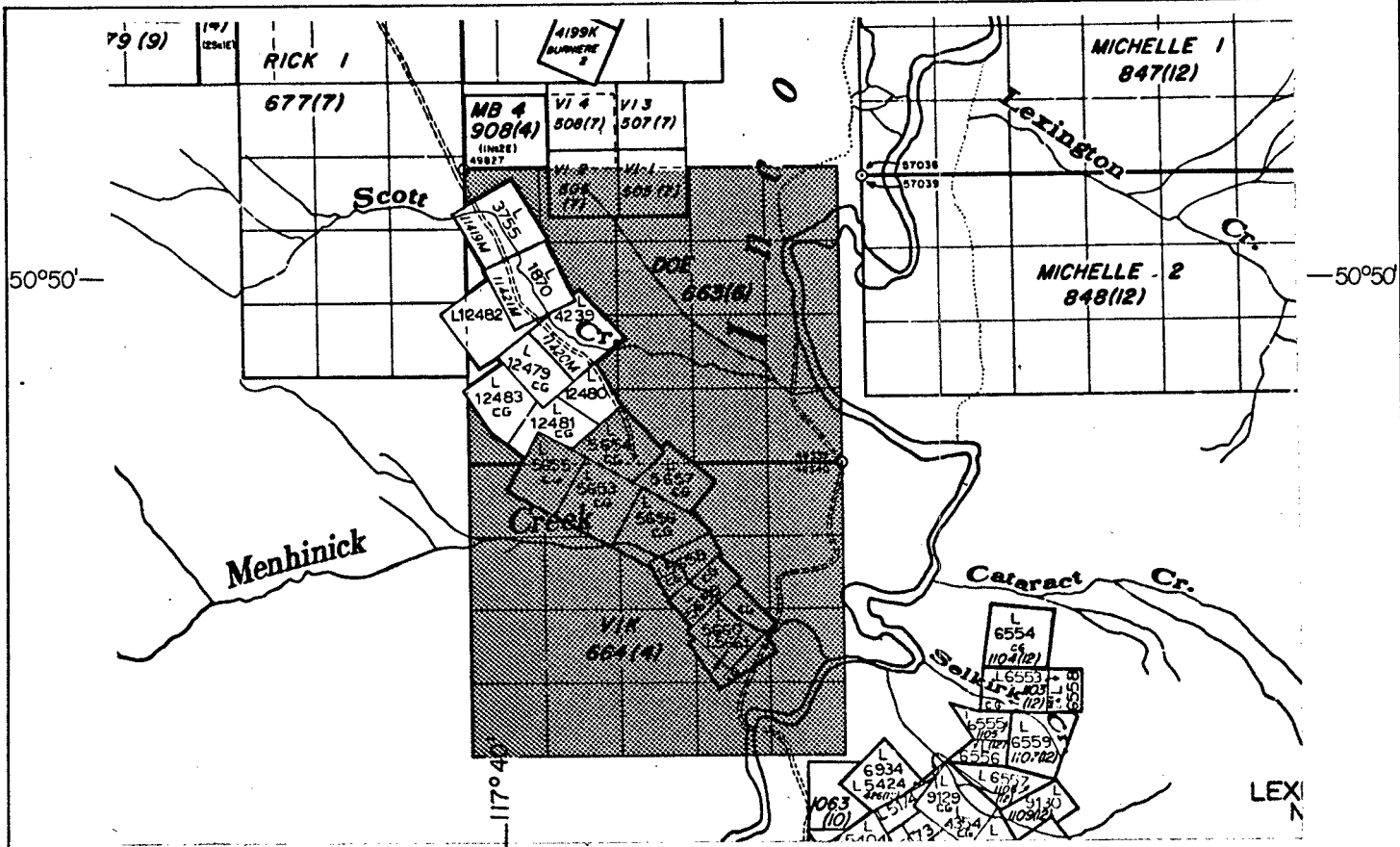
The property is about 2 km. north of Camborne, B.C. and about 40 km. (25 miles) southeast of Revelstoke at latitude 50° 49' N and longitude 117° 39' W on map sheet 82K/13E of the National Topographic System. Elevations on the property range from 518 - 1250 metres (1700 - 4100ft) above sea level.

The property is also located about 260 km (161 miles) by road north of the Trail smelter.

ACCESS:

The Eaton camp is situated on the south side of Menhinick Creek near its junction with the Incomappleux (Fish) river and the junction of Menhinick Road and Camborne Road. It is reached from the Galena Bay ferry via B.C. Highway 31, and is 18 km to the Beaton-Camborne junction, then a further 17 km from the junction to the camp, 0.5 km beyond the Fish River bridge.

The old 10 stamp mill is across the creek from the camp, while the main workings are on the Goldfinch Crown Grant some 7.5 km beyond by switchback logging road and company access road. There is considerable logging in the area by Canadian Cellulose and others and the roads are kept in good repair for heavy hauling. During 1980 the roads also accommodated company freight and ore trucks.



EATON MINING & EXPLORATION LTD.

CLAIM & LOCATION MAP

GOLDFINCH PROPERTY,
CANBORN B.C.
NTS 82 K/13E

Date: April, 1981

NO: 1

WAYLAND S. READ, P.Eng., Consulting Geologist

TOPOGRAPHY AND VEGETATION:

Much of the property consists of heavily timbered and logged over slopes with some rock bluffs. Menhinick Creek is deeply incised with a steep gradient and several water falls. One set of falls above the camp was used early in the century to power the 10 stamp mill and supply power for the tram line and mine.

Elevations on the claims range from about 518 metres at the Fish River to 1250 metres (1700-4100 ft) at its upper boundary. Most of the rock outcrop is covered by a heavy layer of moss making prospecting and mapping a slow process.

Incomplete cleanups from past logging on the Crown granted claims makes traversing difficult. There is additional value in standing timber for both mining purposes or shipment.

The area has a high snowfall but due to a moderate elevation the main areas are usually snowfree from about early May to late October.

ACCOMMODATION:

The camp at Menhinick Creek consists of one kitchen-wash trailer and two bunk trailers.

The camp accommodated up to eight people for short periods during the 1980 program.

One bunk trailer had been previously damaged by snowload. Before closing camp extra support and bracing was installed to try to prevent further camp damage during the following winter.

Water for camp was supplied by gravity flow from Menhinick Creek from a point

just below the falls. Plastic water line on surface is satisfactory during non-freezing weather.

The camp is equipped with bulk propane for cooking, hot water and space heating. Trailer design necessitates an electric generator to run the furnace fans to distribute the heat during colder weather.

During the underground program in October and November 1980 a 6 kw diesel-electric generator was rented from sources in Revelstoke.

CLAIMS HELD BY COMPANY:

The company advises that it holds the following located and Crown granted mineral claims in the Revelstoke Mining Division, British Columbia, Canada on Mineral Claim map 82K/13E.

<u>Claim Name</u>	<u>Crown Grant Lot No.</u>	<u>Acres</u>	<u>Record No.</u>	<u>Units</u>	<u>Expiry Date</u>
Walrus	L5653	48.13			
Goldfinch	L5654	40.45			
Sea Lion	L5655	39.60			
Red Fox	L5656	46.44			
Ridge	L5657	31.51			
Evening Star	L5658	24.53			
Centre Star	L5659	26.04			
Morning Star	L5660	42.75			
Bonanza	L5661	17.48			
Doe			663(6)	20	11 June 1982
Vik			664(6)	20	11 June 1981

It is believed that the company retains counsel to insure title to the claims.

Each unit of the Doe and Vik mineral claims is a 500 metre by 500 metre square containing 25 hectares (61.78 acres). These claims in part overlap Crown grant claims, and unsurveyed staked claims near the north boundary.

HISTORY:

In 1890 prospectors travelled by boat down from Revelstoke to a point on the northeast arm of Upper Arrow Lake, cut out a trail to Trout Lake, and prospected the lower two miles of Lardeau Creek for placer gold. It is believed that they located the Great Northern and Silver Cup mineral claims that year. Intensive prospecting followed and most of the principal showings in that area were found before 1900. A wagon road was built from Thompson's Landing (renamed Beaton in 1903) to Trout Lake and Ferguson in 1897. By 1900 Ferguson and Trout Lake each had a population of about 1,000.

The first gold claim in the vicinity of Camborne was staked on a quartz lead on the Eva claim in July 1899. Numerous other claims were staked in the area during the ensuing excitement. In 1900 three adits were being driven on the Eva and development was proceeding on the Oyster and Criterion claims.

In 1901 the Eva, the Oyster-Criterion and to the northwest across the river, the Camborne group (including the Goldfinch claim) were the chief centres of activity, the latter under bond to the Rosenberger Syndicate of Nelson, B.C.) In 1902 the Northwest Development Syndicate had spent about \$150,000 on the Camborne group and were erecting a power plant and mill. In 1903 the Camborne group was reorganized under the Goldfinch Mining Company and preparations were made to operate the 10 stamp mill. In 1904 forest fires threatened the mining camp and the Goldfinch surface equipment was partially destroyed. 1905 is reported as a prosperous year but after a short period of production the Goldfinch ceased production and activity in the area declined and finally ceased in 1909. During this period the town of Camborne had grown to include several hotels, three or four general stores and a newspaper, supported by about 500 people.

The property was inactive until 1907 when the Northwest Company drove the upper adit.

The 1914 report by Newton W. Emmens, M.E. on the Camborne district describes an upper adit on the Goldfinch at an elevation of 3400 feet driven on a flat vein. He further goes on to describe a second adit 200 feet vertically below, that was driven for a considerable distance. For the first 50 feet it had a course of N25°W. It then turns and follows the formation in a general N45°W direction for some 300 feet. A drift was run along quartz in a N25°W direction for 75 feet and in one place a raise was put up 20 feet.

The upper adit could well be the 1023 level but the lower adit does not fit the description of the 1003 level and may be another located near the old camp shown on Map 1.

The property was inspected in the fall of 1918 by a mining engineer representing Los Angeles capitalists.

In 1933 the property was acquired by Dalhousie Gold Mines Limited of Victoria and preliminary work consisted of erection of camp buildings, construction of trail connections and other preparations.

The 1935 Minister of Mines Report states that the Goldfinch was visited in view of a possible resumption of operations.

A report by G. L. Kerwan dated November 30, 1971, shows the Eaton Mining & Exploration Co. Ltd. to have owned the Goldfinch group of nine Crown granted mineral claims plus Mineral Leases - Lots 1870, 3755, and 4239, the Independent Group lots of five Crown grant lots, 12479-83 and 21 located claims. Kerwan writes of surface sampling along with 420 feet of plugger trenching and a grid at 200 feet centres.

The results from this work and other work done by W. S. Timmins, P.Eng. in 1973 and R.W. Copeland, Geol. Eng. in 1976 is unavailable.

In 1976 daily drill forms show that thirteen diamond drill holes totalling 1,255 feet were drilled by Elgin Exploration Co., between 31 July and 10 September. Assays and footages are available for holes 1 to 7 inclusive. No geological log or accurate location maps are available for the holes. Four hole collars were found and surveyed during the 1980 program.

In October 1977 C.R. Harris, P.Eng. reported on the property for Amwell Consultants Ltd. and in January 1979 wrote a report with some assay results and recommendations that was included in the company prospective dated 17 September 1979.

In late March 1980 the writer was contacted by the company to assist them in their exploration and development effort.

This consisted of surveying to relate surface areas to claim boundaries and to the accessible parts of the underground workings, the conducting of a preliminary geochemical survey, outcrop mapping, prospecting and sampling. Late in the season a shipment of gold bearing quartz vein and wall rock was mined from the 1023 adit, and the 1003 adit was reopened and retracked to make access for surveying, geological mapping and sampling. Delays in financing forced adjustments in the program and necessitated a late start with the mining contract which was conducted from 10 October to 8 November by a subsidiary of Canadian Mine Services. The technical crew worked at compiling the new information until additional heavy snow on 20 November made continuing impractical.

1980 PROGRAM:

The writer was contacted by the company in late March, 1980, to assist them in exploring and developing their gold property near Camborne, B.C. The basis of the program was as recommended by C. R. Harris, P.Eng. in prospectus report dated 2nd January 1979.

Nearly all former data was found missing or incomplete, in particular drill logs, maps to accompany reports and in some cases the reports themselves. In addition the key north areas of the lower 1003 level adit were inaccessible for surveying, mapping and sampling.

Work on the property had, in the past, been hampered by lack of survey control to correlate the various underground and surface areas, drill holes and surface showings. The first part of the exploration program was to establish survey control points set in rock and concrete on surface and in the backs of the accessible parts of the two adits by the exploration crew, under Leo Riechert, Mining Technologist, directed by the writer. These were surveyed and tied into two Crown grant corners and put on a mine co-ordinate system by a B.C. Land Surveyor as the basis for the survey control on the property.

Sampling and mapping was conducted in the upper or 1023 level to determine areas for shipment.

Prospecting discovered other vein zones and geochemistry was tested as a reconnaissance tool. The soil samples were tested on the property for total heavy metals by the dithizone method and analysed for gold and lead by the Atomic Absorption method in Vancouver. The great interest in precious metals and the surge in exploration, greatly strained assaying capacity and long delays were experienced in getting assay results. This was particularly frustrating as at this stage at least one cannot determine gold content visually.

In the fall when funds became available a subsidiary of Canadian Mine Services was contracted to re-open the lower adit (2003 level) for surveying, mapping and sampling. While the mining crew was on site 269.8 short dry tons of gold bearing quartz was mined from the 2023 level and shipped to the Trail smelter.

Work continued until additional heavy snow on 20 November made continuing impractical.

GEOLOGY:

The geology of the area is covered by recent mapping by the Geological Survey of Canada, at a scale of 1:125,000, Open File 432, revised in 1976. The rocks on the claims are shown as being of the unfossiliferous Lardeau Group comprised of metamorphosed sediments of the Broadview Formation, composed of grey and light green phyllite, gritty phyllite, and grit in which the quartz veins that are host to the gold mineralization are found and the Jowitt Formation of metavolcanic rocks composed of green phyllite, limey green phyllite and greenstone.

The stratified rocks have been complexly folded, faulted, metamorphosed, and have the northwesterly trend of the north end of the Kootenay Arc.

The Finkle Creek Synform is a major fold which passes through the property and is correlated to the Illecillewaet Syncline to the north and continues south along a mineral belt.

The Broadview Formation trends in a general northwest direction for over 100 miles and is host rock to many prospects and former producing mines.

DETAILED GEOLOGY AND MINERALOGY:

On the Goldfinch property in the area of the mine workings and beyond the rocks observed were metasediments field described as usually hard grey to grey-green phyllites and phyllitic grit. In some cases a banding would be present composed of fine, impure quartzite with poorly formed chlorite and sericite on foliations. In other cases the rock would be softer with mineral development approaching a sericite to sericite-chlorite schist, sometimes with green chlorite mottling.

Referring to maps 2, 3, 5 and 7, foliation has been found in general to follow a trend of about N40°W with dip to the northeast varying from 35° to 75°, with steeper dips more prevalent. Faulting and folding have contorted some areas such as immediately north of the caved shaft on surface.

1003 LEVEL:

Faulting observed from mapping the 1003 level was in an interconnected zone from 17.0 metres wide in the portal crosscut to 1.5 metres in the north crosscut trending about N 35° W and dipping from about 60° to 70° northeast. This zone was followed by the drift for about 80 metres and is the area where the most sloughing from the back occurred. A second zone of faulting was along the quartz vein in the northeast area of the level. This quartz vein appears to be the same vein that outcrops at the creek about 37 metres southwest from the 1023 level portal (map 2).

Jointing had a strike of N07°E to N16°E with steep dips to both east and west. There were intersectings of quartz stringer zones in the crosscuts of 1003 level mostly on the northeast side of the fault zone. This zone approximately parallels the fault zone and could project upward to the 1023 level. The

quartz stringer zones contain 40 - 50% quartz stringers in phyllite and likely project between the three crosscuts where they were intersected. All veining on the level had a steep dip except on the south wall between stations 10 and 11 where a stringer zone had a dip of 28° southeast.

The veins contain primarily quartz, with minor calcite possibly a light buff feldspar, with sections containing very small amounts of pyrite. Galena was not observed except near the portal contrary to findings in the 1023 level above. The results from large panel chip samples across these zones as shown on Map 4 gave low values for both gold and silver.

1023 LEVEL:

This level was the source of the four shipments of gold mineralized quartz vein and wall rock that totaled 309.7 short dry tons averaging, silver 0.41 ounces per ton for a content of about 129 Troy ounces, gold averaging 0.316 ounces per ton for a content of about 98 Troy ounces and a silica content that averaged 67.9%.

The quartz vein containing the gold in general has a flat dip to the west with local reverses due to gentle anticlinal and synclinal folding, and averages 0.45 metres in width. Gold content in 26 samples ranged from a low of 0.061 to a high of 8.823 oz. per ton with an uncut weighted average of 1.304 oz. per ton. No free gold was observed during sampling, mapping or mining and all results are based on assay data.

The vein on section, splits to the footwall for a limited distance.

This higher grade section appears to be at a point where the flat lying vein crosses a steep dipping quartz stringer zone similar to those encountered in the 1023 level below, and in the surface glory hole to the north.

From the difference between the grade of the vein and the shipment, and following assays, it is believed that the gold in this area is closely confined to the flat vein and the steeper stringer zone is only very weakly mineralized.

Galena is found in the vein in grey streaks and small inclusions, particularly in areas with higher gold assays. Within the vein are fragments of altered wall rock often containing pyrite. It was discovered that mining has taken place in the past behind the face of the southeast drift at station 2. This material would have had to be removed from another opening that is presently covered and whose location is unknown.

To give an idea of other metal content, the 17 trucks of gold mineralized quartz weighed 269.8 short dry tons with assays from the Cominco Ltd., Trail smelts as follows: gold 0.306 oz/ton, silver 0.35 oz/ton, copper 0.02%, lead 0.1 %, Zinc 0.2%, Sulphur 0.6%, silica 67.8%, Alumina 13.9%, iron 4.0%, Lime 0.7%, Antimony 0.01%, Arsenic 0.01%, Bismuth, 0.01%, Magnesia 0.00%, Cadmium 0.00%.

GLORY HOLE:

The Glory Hole with an adjoining short adit shown on Maps 2, 5, and 6 is about 28 metres north and slightly higher in elevation than the face of the northwest drift, 1023 level. Material from this side hill cut has been described as part of the feed for the 10 stamp mill, early in the century. It apparently was trammed to the raise from the 1003 level, dropped to the level, then hand trammed to surface and forwarded to the mill by an aerial tramway.

Geological mapping had not been completed on this area when stopped by snow, however, similarities exist in vein structure between this and the 1023 level, ie flat lying veins crossing a steeply dipping quartz stringer zone. Pyrite and arsenopyrite have been recognized in the silicified wall rock.

The veins are too erratic to make projections between the drift and the glory hole, however, it is possible that there could be additional veins, more or less parallel, at various elevations. This could be one interpretation of the assay from drill hole 3, collared at survey point marked DDH2 shown on section number 16.

This shows an additional vein intersected in the area of the glory hole below the elevation of 1023 level and above 1003 level. This intersection averaged gold 0.74 oz/ton, silver 0.16 oz/ton over a core length of 3.36 metres (11.0 feet).

A three metre wide, steep dipping white quartz vein was discovered by bulldozing late in the season on the west nose of the glory hole. (See maps 5 and 6). Cuttings from air drill holes 2.44 metres long, from either side of the vein assayed gold 0.048 and 0.220 oz/ton respectively and the vein projects into a swamp area to the northwest.

The positive results from the 1976 drill intersection combined with new discoveries and structural data from the underground and surface mapping will aid in establishing and interpreting further drilling.

OTHER SHOWINGS:

Prospecting found a new lead on the west side of the road, immediately south of the log dump and about 30 metres northwest from the caved shaft. This quartz vein was exposed by trenching for a length of about four metres and up to a width of one metre. The vein was rusty, containing approximately 15% pyrite and minor blebs of anglesite and galena and requires sampling as it would have required a compressor move for sampling last season.

This vein projects into the northwest corner of the Goldfinch L.5654 as do veins from the adjoining property.

There are indications of one or more veins through float and geochemistry. Deeper bulldozer trenching is required than was able to be accomplished during the 1980 program to test this area.

Reconnaissance geochemistry indicates this southwest extension to be one of the stronger targets in an area of little or no outcrop.

Prospecting resulted in the discovery of several quartz veins over a considerable area. Sampling returned low gold values. The more interesting structures are associated with a soil geochemical response and will be covered later in the report.

SAMPLING:

Although the property has a history dating back to the beginning of the century, the 1980 field program was started with almost no hard technical data available. It was also found that there was no obvious visual difference between samples of quartz vein assaying a trace and one assaying over 8 ounces gold per ton.

Because of a possible erratic distribution of gold within the vein, an

effort was made to take large size, continuous panel samples, which would usually fill a 12 inch by 18 inch plastic sample bag. The underground sampling was conducted with a two man crew composed of a mine technologist and helper. The sample was removed with a heavy hammer and tungsten carbide tipped moil, and the chips were caught in a plastic container for bagging.

The extensive exploration for gold during 1980 taxed the assaying capacity for the metal. This caused delays in receiving results as samples backed up at the labs, and time lost in shipping and slow mail service added to the problem.

To help compensate for the delays a small crew was employed for a longer period and transferred to other work while waiting for assay results. Over the course of the program 209 samples were assayed for gold and silver. The highest gold assay was 8.828 ounces per ton and the lowest was less than 0.003. The higher assays came from the flat vein in the 1023 level.

Silver assays were under one ounce per ton except where higher grade gold was present. In this case the silver would often assay between one and two ounces per ton.

A further exception was in the 1003 level on the south wall immediately past station 14. Three samples 74797-9 assayed silver 10.15, 2.84 and 2.99 oz per ton respectively while the corresponding gold assays were 0.010, 0.018 and 0.030. The higher silver assays were not repeated on the north wall of the crosscut where the zone would project.

It is felt that the two meter sample spacing of large panel samples on the 1023 level with uncut assays gave a reasonably good correlation to shipment results when the large percentage of wall rock mined is considered.

UNDERGROUND MINING AND REHABILITATION:

The prospectus report recommended re-opening the lower adit (1003 level) for surveying, mapping and sampling to correlate this information with the upper adit and surface data. With a favourable intersection from drill hole 3 from the 1976 drilling in the area near the glory hole, the position and condition of the adit in that area became even more important. Costs escalated due to higher mining standards required by the mining inspector which also resulted in a superior job for future development. New 20 pound rail, 4 inch victaulic air line and 2 inch victaulic water line were installed. Additional inventory including rail, pipe, vent tubing, one side dump mine car and one flat car is stored on the property.

The mining crew from a subsidiary of Canadian Mine Services arrived on the property 10 October and departed on 8 November. Crew consisted of superintendent and two miners which later was increased to four.

Since a small tonnage of gold mineralized quartz vein was readily available, inside the 1023 level portal, it was decided to mine a fourth shipment while men and equipment were mobilized to rehabilitate the 1003 level. This mining is in addition to the slash by airtrack of the north wall of the portal crosscut from which came the first three shipments.

The following table is a summary of the shipments:

SMELTER SHIPMENTS - 1980

<u>Shipment Number</u>	<u>Short Dry Tons</u>	<u>Gold oz/ton</u>	<u>Gold Troy Oz.</u>	<u>Silver oz/ton</u>	<u>Silver troy oz.</u>	<u>Silica %</u>
1	11.4	0.351	4.001	0.85	9.69	68.5
2	14.2	0.563	7.994	1.35	19.17	68.2
3	14.3	0.251	3.589	0.40	5.72	69.3
4	269.8	0.306	82.558	0.35	94.43	67.8
Total	309.7		98.142		129.01	
Average		0.316		0.41		67.9

The 17 truck load smelter shipment delivered between 18 - 23 October 1980 was mined first to take advantage of the high gold price that was starting to decline, and to create a cash flow. The company received a price of C\$734.42 per ounce for the gold (November 1980 average) plus \$22.98 silica credit per ton, less the normal smelter deductions.

The mineralization was removed from the adit by an air slusher mounted outside the portal. The broken muck was stockpiled and later loaded by front end loader on large gravel type dump trucks and shipped directly to the smelter at Trail.

The rehabilitation of the lower adit (1003 level) required construction of a short access road to bring in supplies. A dump was established at the portal. The existing rail and ties were deteriorated past any use and had to be removed and replaced with new ties and 20 pound rail. The heaviest and most time consuming work was removing large, rotted and waterlogged timbers held by mud and wedged with slabs of sloughed rock. Some tight corners needed to be slashed to accommodate the larger mine car. Approximately 168 metres (551.2 feet) of rail was laid including 155.6 metres (510.5 feet) of adit retracked and an additional 12.4 metres (40.7 feet) of rail laid for the dump. Rail was laid in the adit to a point seven metres beyond station 11 with the air and water lines ending near station 10.

The underground working on the 1003 level were found to total nearly 352 metres (1155 feet) and this does not include the raise to surface. The raise is at an angle of 80° to a point near surface where it flattens below the point where it is blocked by surface logs, and rock.

The raise was not opened during the past program because time and cost

of bringing in a backhoe and the larger cost of removing the debris that was likely to fall and block the way to the deepest workings. Priority was to survey, map and sample these workings.

With further exploration encouragement, it would be worth having the raise opened for secondary access and ventilation.

GEOCHEMISTRY:

Geochemistry was tried on the property during the 1980 program on a test basis. The smelter assays from shipment 2 was used as a guide for trace elements. The assays for the 14.2 dry short ton shipment is as follows: Gold 0.562 oz/ton, silver 1.35 oz/ton, copper 0.02%, lead 0.40%, zinc 0.10%, sulphur 0.60%, silica 68.2%, Alumina 13.4%, Iron 3.8%, Lime 0.7%, Antimony 0.01% Arsenic 0.01%, Bismuth 0.01%, Magnesia 0.000%, Cadmium 0.00%.

There appears to be galena in small quantities, associated with the higher gold samples. It was decided to analyse the samples by the Atomic Absorption method for gold and lead and to get immediate field results, the dithizone field test was used for total heavy metals. The use of lead as a pathfinder for the gold may need tighter sample spacing due to its limited mobility. Other elements should also be considered. The Bloom Test for heavy metals would determine the more mobile zinc as well as the lead in the sample. Where there is a high value for total heavy metals and a low value for lead by Atomic Absorption, it is interpreted that zinc is the cause of the high value.

The soil samples were taken with a shovel or mattock, placed in a commercial kraft soil sample bag and marked as to sample number.

The sample was taken of soil, that was usually red-brown in colour, near the top of the 'B' soil horizon. Sample depths ranged between 20 and 70 centimetres.

The samples were analysed in camp for total heavy metals then forwarded to Chemed Labs in Vancouver for analysis by Atomic Absorption.

Fifty-six of the samples were field tested for pH by the BDH Universal Indicator method. They were found to range from pH 4.5 to 8.2. Thirteen samples were in the acidic range of less than pH 5.5, thirty-eight were neutral between pH 5.5 and 7.0 and five were in the Alkaline range of over pH 7.0.

The distribution of samples analysed by Atomic Absorption and the dithizone field test are as follows:

Gold Distribution (A.A.)

<u>Number Samples</u>	<u>Percentage</u>	<u>Range Parts per billion</u>
5	2.00	340 - 1950
9	3.59	100 - 145
12	4.78	45 - 85
65	25.89	10 - 40
<u>160</u>	<u>63.47</u>	< 10
251	100.00%	

Lead Distribution (A.A.)

<u>Number Samples</u>	<u>Percentage</u>	<u>Range Parts per million</u>
7	2.79	64 - 320
7	2.79	48 - 64
<u>237</u>	<u>94.42</u>	0 - 48
251	100.00%	

Total Heavy Metals - Distribution (dithizone)

<u>Number Samples</u>	<u>Percentage</u>	<u>Range Ml. dithizone</u>
7	3.00	6 - 10+
10	4.29	4 - 5
17	7.30	3
<u>199</u>	<u>85.41</u>	0 - 2
233	100.00%	

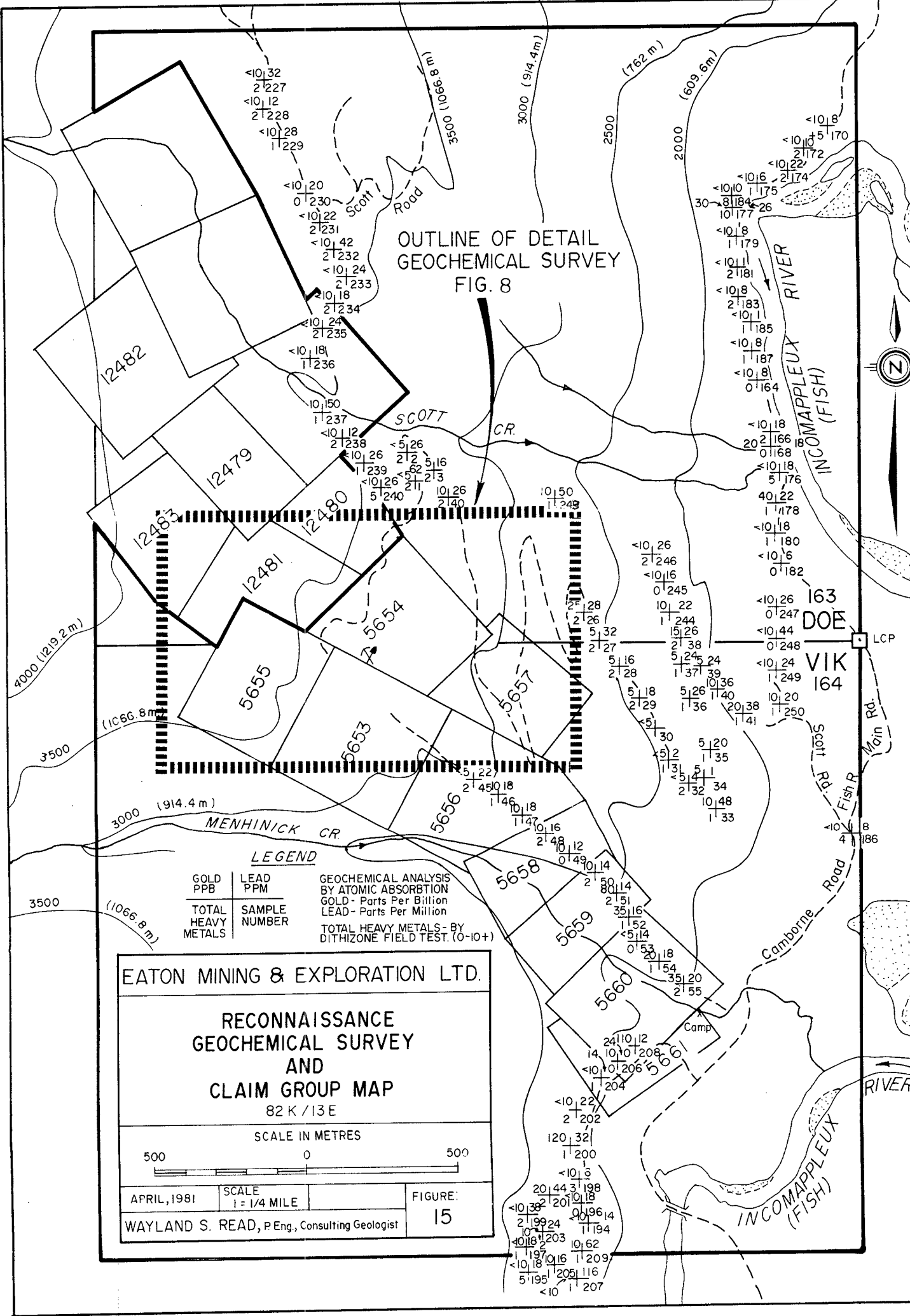
The reconnaissance sampling was in general wide spaced using roads, trails and survey points for control.

The strongest concentration of anomalous readings found on Map 8 trends in a southeast direction, is approximately 250 metres wide and its northeast side would be along the glory hole and underground workings presently being explored. Values in gold were analysed as high as 1950 ppb. Samples 80,82,83,84 had coincident lead anomalies. Due to different slope directions, the readings to the southwest would require a different source. The present known length is about 300 metres and if a single line extension (samples 42 and 43) were included this could be extended to approximately 600 metres and is open. This zone and its extensions is the strongest target to date.

A second area Map 8, on the switchbacks of Scott road gained first interest from a very high total metals test on sample 18. The A.A. result for this sample returned a low 15 ppb. However, sample 24 returned 45 ppb and a fill-in sample 136 returned 340 ppb gold. The additional follow-up sampling contained lower values.

A third area (see figure 15) to the northeast corner of the sheet on the newly extended Fish River main road at the turn in the river, sample 177, returned a very high reading for total heavy metals and 30 ppb for gold. This adjoins a strong quartz zone that has not been prospected.

OUTLINE OF DETAIL
GEOCHEMICAL SURVEY
FIG. 8

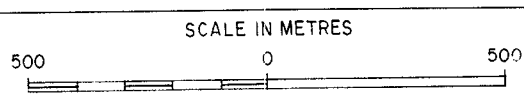


LEGEND

GOLD PPB	LEAD PPM	GEOCHEMICAL ANALYSIS BY ATOMIC ABSORPTION GOLD - Parts Per Billion LEAD - Parts Per Million TOTAL HEAVY METALS - BY DITHIZONE FIELD TEST. (0-10+)
TOTAL HEAVY METALS	SAMPLE NUMBER	

EATON MINING & EXPLORATION LTD.

RECONNAISSANCE
GEOCHEMICAL SURVEY
AND
CLAIM GROUP MAP
82 K / 13 E



APRIL, 1981	SCALE 1 = 1/4 MILE	FIGURE: 15
WAYLAND S. READ, P.Eng., Consulting Geologist		

DDH 2 - 30°

m.,(ft.), Ag oz/ton,Au oz/ton

1.53(5.0), <0.01, <0.003
 1.53(5.0), <0.01, <0.003
 1.53(5.0), <0.01, <0.003

—1030 m.

3.5(10.0)
no sample

1.83(6.0) <0.01
<0.003

1.68(5.5) <0.01,
,0.003

1.68(5.5), 0.01, 0.007

1.68(5.5), 0.01, 0.012

0.76(2.5), 0.01, 0.016

2.75(9.0), 0.01, 0.018

3.50(10.0), 0.02, 0.005

1.22(4.0), 0.05, 0.003

1.53(5.0), 0.04, 0.005

1.53(5.0), 0.12, 0.005

1.53(5.0), 0.02, 0.003

1.22(4.0), 0.05, 0.014

1.53(5.0), 0.02, 0.005

1.53(5.0), 0.08, 0.010

1.53(5.0), 0.03, 0.003

1.53(5.0), 0.05, 0.003

1.53(5.0), 0.03, 0.003

1.53(5.0), 0.03, 0.003

1.22(4.0), 0.02, 0.003

1.53(5.0), 0.05, 0.006

1.22(4.0), 0.04, 0.003

1.53(5.0), 0.04, 0.016

0.6(2.0), 0.02, 0.030

no sample

ELEVATION NORTH END

1023
LEVEL

AVERAGE

m.,(ft.), Ag oz/ton,Au oz/ton

3.36(11.0), 0.16 0.74

—1020 m.

ELEVATION NORTH END

1003
LEVEL

—1010 m.

—1000 m.

DDH4 - 90°

LEGEND

1.83(6.0), 0.14, 0.930 - m.(ft.), Ag oz/ton,Au oz/ton
 Bearing of DDH 2 & 3 unknown. Approx. South East?
 Best fit basis from incomplete data.

EATON MINING & EXPLORATION LTD.

VERTICAL CROSS SECTION
 THROUGH 1976 DRILL HOLES 2,3, & 4,
 ASSUMED TO BE POSITION MARKED DDH 2
 IN 1980 SURVEY



Date: April, 1981

Scale: 1: 200

NO:

WAYLAND S. READ, P.Engineer.

16

A fourth area (see figure 15) is off Menhinick Road south of Menhinick Creek where reconnaissance sampling returned values of 110 and 120 ppb gold and a third sample 116 ppm lead. There are old reports of four adits totaling 903 feet driven on the lower claims south of Menhinick Creek and driven at least in part on quartz with reported low values. This area will require additional follow-ups.

DIAMOND DRILLING - 1976:

Nearly all the data from the 1976 drilling is unavailable. The following with appendix compiles what is known at the present time.

Prior to the 1980 survey the writer and V. Eaton found four drill collars with casing remaining. These were surveyed and given arbitrary numbers 1 to 4. Later Mr. Eaton found assay sheets for holes 1 to 7 inclusive (see Appendix) which fortunately showed the sample footage. No geological logs have been seen.

A summary of the Daily Drill reports for Elgin Exploration Company Limited are as follows:

<u>Numbers</u>	<u>Angle</u>	<u>Length of Feet</u>	<u>Dates Start</u>	<u>1976 Finish</u>	<u>Remarks</u>
1	- 70°	102	31 July	1 Aug.	Hard quartz rock
2	- 30°	15	2 Aug.	2 Aug.	Hole 2 anchor for hole 3
3	- 45°	134	3 Aug.	5 Aug.	Very hard rock
4	- 90°	133	5 Aug.	9 Aug.	Move between holes 4 and 5
5	- 45°	119	10 Aug.	11 Aug.	Rock quartz very hard
6	- 90°	93	13 Aug.	14 Aug.	
7	- 90°	100	15 Aug.	16 Aug.	Bad cave in 12-36 feet Quartz, old road bed full of boulders and timber
8A	- 90°	20	21 Aug.	21 Aug.	Move to portal drill 0-20
8	- 90°	73	21 Aug.	22 Aug.	No bedrock move closer to cliff Lost all circulation - moved
9	- 90°	154	23 Aug.	27 Aug.	
10	- 45°	112	27 Aug.	28 Aug.	Move to set-up on 11
11	- 45°	125	29 Aug.	7 Sept.	
12	- 50°	75	8 Sept.	10 Sept.	Very hard rock - move out
<u>Total 13</u>		<u>1,255</u>			

An old sketch map and communication with Mr. Eaton would put the collar for drill holes 2, 3 and 4 at the site marked on the survey map as DDH2. Drill hole 1 may have been collared near the upper portal. Holes 5, 6, 7 and 8 are shown on a southwest line from the survey collar marked DDH2 to those marked DDH1 and DDH4. However, the drill reports state that drill hole 8A and 8 were drilled near the portal. Also, the sketch map locations do not fit the surveyed collars. There are no results available for drill holes 8A to 12 and no indication of location of the collars of holes 9 to 12.

According to Mr. Eaton the collar marked on the survey DDH3 at the glory hole was a later attempt and not completed.

The positive side to the story is that there is reasonable assurance to the location of the collar but not the bearing of drill hole 3, that along with holes 2 and 4 is shown on cross-section 16. This drill hole at -45° returned assays of gold 0.930 oz/ton for the 6 feet between 63 and 69 feet and gold 0.512 oz/ton for the following 5 feet between 69 and 74 feet. The weighted average for the 11.0 feet (3.36 metres) is gold 0.740 oz/ton and silver 0.16 oz/ton. This intersection would be near the north end of the 1003 level and about 7 metres above the elevation of the back of the adit. It is well situated for follow-up work and underground testing if warranted.

CONCLUSIONS:

The 1980 exploration program involved a technical group compiling data on the property as contained in the accompanying maps. Although the property has had intermittent exploration, and limited production, since the early 1900's. The only data available was the limited assays from the prospectus report and assays from seven diamond drill holes found later.

The program related claim boundaries to surface and underground workings, mapped and sampled veins, established working plans and sections for a continuing exploration program and conducted a prospecting and reconnaissance geochemical program.

A block of gold mineralized quartz vein totaling 269.8 short dry tons assaying 0.306 oz/ton gold was mined from the upper (1023) level while the mine contractors were on the property to rehabilitate the Lower (1003) level. This saved a double mobilization cost and increased the cash flow. This was an available part of a flat quartz vein that averaged 0.45 metre wide and assayed 1.304 oz/ton gold. Dilution from wallrock accounted for the lower shipment grade. From the mapping and sampling, the main higher grade gold sections are where flat veins cross steeply dipping veins or quartz stringer zones of much lower grade.

From incomplete drill data, this may be the case immediately north of the 1003 level workings and about 7 metres above the back of the crosscut and is a future drill target.

Reconnaissance geochemistry has indicated one primary and three secondary areas for follow-up. The primary area is about 250 metres wide adjoining on the southwest side of the present workings. Because of slope direction, the values

will be coming from mineralization in addition to that in the mine area. Values ranged as high as 1950 ppb gold.

RECOMMENDATIONS:

It is recommended that a program be established to continue exploration and follow up targets from the 1980 program.

The exact scope of the program can be designed to available budget but would involve:

1. Geological mapping
2. Heavy bulldozer trenching
3. Sampling and mapping trenches
4. Prospecting and follow-up of geochemical targets
5. Diamond drilling

ESTIMATE OF COST:

As a guide only it is estimated that this work would cost in the range of \$125,000.00 to \$150,000.00


BIBLIOGRAPHY

1. B. C. Minister of Mines, Annual Reports 1901, 1902, 1903, 1905, 1906, 1914, 1917, 1918, 1933, 1935.
2. Copeland, R.W. 1976 - Preliminary Report, Goldfinch Claim Group, Camborne, B.C. (no maps)
3. Emmins, N.W. 1914 - The Mineral Resources of Lardeau and Trout Lake Mining Divisions, British Columbia Bureau Mines, Bull 2.
4. Fyles, J. T. and Eastwood, G.E.P., 1962 - Geology of the Ferguson Area, Lardeau District, British Columbia, B.C. Dept. Mines and Petrol Resources, Bull 22.
5. Harris, C.R. 1977, 1979 - A report on the Goldfinch Claim Group, Lardeau Mining District, B.C.
6. Kerwan, G.L. 1971 - Eaton Mining & Exploration Co. Ltd., Report on Gold Property, Revelstoke Mining District, B.C. (no maps)
7. Read, P. B. 1975, Lardeau Group, Lardeau Map Area West - Half (82Kw/2) British Columbia, Geol. Survey Can. Paper 75-1, PT.A P.29-30.
8. Read P.B., Wheeler, J.O. 1976 - Geology Map - Lardeau West-Half, Geological Survey of Canada Open File 432.
9. Eaton Mining & Exploration File Data.

CERTIFICATE OF QUALIFICATIONS

- 1, Wayland Stuart Read, do hereby certify that:
1. I am a practising Mining Geologist and my address is Cherry Point Road, Cobble Hill, B.C.
 2. I am a graduate in Geology from Acadia University, Wolfville, Nova Scotia, and have been granted the degree of Bachelor of Science in Geology, and have engaged in practising my profession for the past twenty years.
 3. I am a member of the Association of Professional Engineers of British Columbia and the Yukon Territory, a Fellow of the Geological Association of Canada, and a Member of the Canadian Institute of Mining and Metallurgy.
 4. This report is based on my personal work on the property and crews under my direction, during the 1980 program.
 5. I have a financial interest in the securities of Eaton Mining Exploration Ltd. and am a director of the company at the time of writing this report.

Respectfully submitted,



Wayland S. Read, B.Sc., P. Eng.
Consulting Geologist

Cherry Point Road,
Cobble Hill, B.C.

31 May 1981

APPENDIX A

25 August 1980

EATON MINING VEIN AVERAGES UPPER AIDT

(1023 level)

Sample Number	Width Metres	Assay Au oz/t	X	Width Assay
2A	0.30	1.002		0.301
5A	0.30	1.270		0.381
8A	0.25	0.784		0.196
11A	0.23	0.264		0.061
14A	0.70	0.258		0.181
17A	0.75	1.722		1.292
19A	0.75	0.720		0.540
22A	0.40	0.010		0.004
24A	0.85	4.130		3.511
27A	0.25	2.884		0.721
29A	0.50	0.162		0.081
33A	0.40	0.234		0.094
35A	0.55	0.340		0.187
66853	1.00	0.194		0.194
66863	0.25	8.823		2.206
66865	0.30	0.404		0.121
66867	0.30	3.980		1.194
66884	0.20	1.464		0.293
66887	0.30	2.394		0.718
66889	0.40	3.010		1.204
66890	0.15	3.346		0.502
66891	0.60	0.830		0.498
66893	0.45	0.334		0.150
66895	0.45	0.162		0.073
66899	0.40	0.118		0.047
66897	0.25	0.028		0.007
70702	0.20	3.408		0.682
70704	0.25	0.578		0.145
26	<u>11.73</u>			<u>15.297</u>
Average	0.45	1.304		

APPENDIX B

HEAVY METALS IN STREAM SEDIMENTS

BLOOM TEST FOR EXCHANGEABLE HEAVY METALS

Field equipment and apparatus (1 Kit)

- 1 - field kit
- 1 - 100 ml. graduate cylinder
- 6 - pyrex test tubes - calibrated
- 1 - 250 ml. brown plastic bottles
- 2 - 250 ml. plastic wash bottles
- 6 - polyethylene stoppers
- 1 - volumetric scoop - approx. 0.25 gm.

Field Chemicals

- 2.5 liters prepared Bloom buffer
- 2 liters Benzene
- 5 - 10 mg. capsules Dithizone.

Preparation of dithizone stock solution - 0.01%

Dissolve 10 mg. (1 capsule) of Dithizone in 100 mls. of Benzene
Shake for about 3 minutes to dissolve.

Preparation of working dithizone solution - 0.002%

Dilute 1 part 0.01% dithizone stock solution with 4 parts clean Benzene.

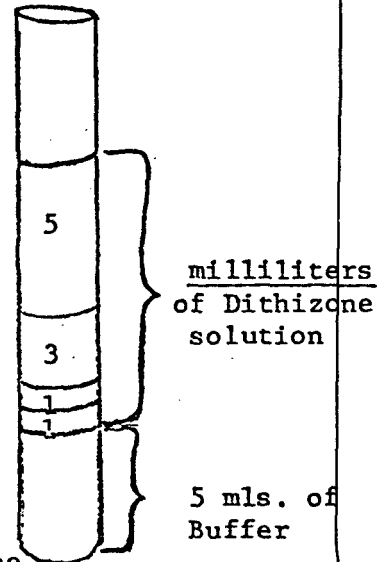
Note 1: Both 0.01% and 0.002% Dithizone solutions should be kept in dark containers.
(e.g. Plastic bottles wrapped in aluminum foil.)

PROCEDURE:

1. Measure one scoopful of sample, leveled with spatula, and tap into marked test tube.
2. Add Bloom Buffer solution to 5 ml. mark.
3. Add 1 ml. of 0.002% Dithizone in Benzene, bringing level to 6 ml. mark.
4. Insert stopper and shake 50 times.
5. Allow Dithizone solution to collect at surface of liquid and observe color. If green, record 0; if blue, record 1; if red, proceed with step 6.
6. Add 1 ml. more of 0.002% Dithizone solution, bringing the level to 7 ml. mark and shake 15 times. If color is blue, record 2; if purple or red, repeat the shakeout adding Dithizone solution in increments of 3 mls, 5 mls until blue-grey end point is reached. Record total volume of Dithizone solution needed to reach blue-grey end point.

Note 2: One ml. of the 0.002% Dithizone solution at the blue-grey end point is roughly equivalent to 2 parts per million exchangeable heavy metals (as Zinc). Total heavy metal content in samples may be as much as 20 times greater.

Note 3: As the Bloom buffer contains ammonium hydroxide, this solution should be kept well capped.



GEOCHEMICAL PROCEDURES

1. Geochemical samples (soils, silts) are dried at 80°C for a period of 12 to 24 hours. The dried sample is sieved to -80 mesh fraction through a nylon and stainless steel sieve. Rock geochemical materials are crushed, dried and pulverized to -100 mesh.
2. A 1.00 gram portion of the sample is weighed into a calibrated test tube. The sample is digested using hot 70% HClO₄ and concentrated HNO₃. Digestion time = 2 hours.
3. Sample volume is adjusted to 25 mls. using demineralized water. Sample solutions are homogenized and allowed to settle before being analysed to atomic absorption procedures.
4. Detection limits using Techtron A.A.5 atomic absorption unit.

Copper	-	1 ppm
*Lead	-	1 ppm
*Silver	-	0.2 ppm

* Ag & Pb are corrected for background absorption.

5. Elements present in concentrations below the detection limits are reported as one half the detection limit, i.e. Ag - 0.1 ppm.

GOLD:

5 gm samples ashed @ 800°C for one hour, digested with aqua regia to dryness - taken up in 25% HCl - the gold then extracted as the bromide complex into MIBK and analyzed via AA.
Detection limit - 10 ppb

F.A. - A.A. GOLD COMBO METHOD

For low grade samples and geochemical materials 10 gram samples are fused with the addition of 10 mg of Au-free Ag metal and cupelled. The silver bead is parted with dilute HNO_3 and then treated with aqua regia. The salts are dissolved in dilute HCl and analyzed for Au on an atomic absorption spectrophotometer to a detection of 5 ppb.



APPENDIX C

CHEMEX LABS LTD.

12 BROOKSBANK AVE.
NORTH VANCOUVER, B.C.
CANADA V7J 2C1
TELEPHONE: 985-0648
AREA CODE: 604
TELEX: 043-52597

1

• ANALYTICAL CHEMISTS • GEOCHEMISTS • REGISTERED ASSAYERS

CERTIFICATE OF ASSAY

TO: Eaton Mining & Exploration Ltd,
Ste. 621, 837 W. Hastings St.,
Vancouver, B.C.
ATTN: V6C 1B9

c.c.- W. S. Read
c.c.- Leo Reichert

CERTIFICATE NO. 69623
INVOICE NO. 38314
RECEIVED August 10, 1980
ANALYSED August 28, 1980

SAMPLE NO. :	PPB Au (Combo)
1	<5
2	<5
3	5
4	10
5	5
6	15
7	10
8	15
9	35
10	10
11	35
12	25
13	15
14	15
15	10
16	10
17	10
18	15
19	5
20	15
21	5
22	10
24	45
25	5
26	25
27	5
28	5
29	<5
31	<5
32	5
33	10
34	<5
35	5
35½	10
36	5
37	5
38	15
39	5
40	10
41	20

From #55464



MEMBER
CANADIAN TESTING
ASSOCIATION

Alan Amari
REGISTERED ASSAYER, PROVINCE OF BRITISH COLUMBIA



APPENDIX C

CHEMEX LABS LTD.

212 BROOKSBANK AVE.
NORTH VANCOUVER, B.C.
CANADA V7J 2C1
TELEPHONE: 985-0648
AREA CODE: 604
TELEX: 043-52597

2

• ANALYTICAL CHEMISTS • GEOCHEMISTS • REGISTERED ASSAYERS

CERTIFICATE OF ASSAY

TO: Eaton Mining & Exploration Ltd.,
837 W. Hastings St., Ste. 621
Vancouver, B.C.
V6C 1B9

c.c.- W. S. Read
c.c.- Leo Reichert

CERTIFICATE NO. 69624
INVOICE NO. 38299
RECEIVED August 10, 1980
ANALYSED August 28, 1980

SAMPLE NO. :	PPB Au (Combo)
42	70
43	85
45	<5
46	<5
47	10
48	10
49	10
50	10
51	80
52	35
53	<5
54	20
55	35
56	40
57	65
57 ¹ / ₂	<5
58	5
59	15
60	15
61	5
62	5
63	5
64	5
65	10
66	<5
67	55
68	475
69	15
70	10
71	50
72	45
73	125
74	55
75	30
76	135
77	40
78	135
79	130
80	1950
81	80

From 55465



MEMBER
CANADIAN TESTING
ASSOCIATION

Don Amadio
REGISTERED ASSAYER, PROVINCE OF BRITISH COLUMBIA



APPENDIX C

CHEMEX LABS LTD.

212 BROOKSBANK AVE.
NORTH VANCOUVER, B.C.
CANADA V7J 2C1
TELEPHONE: 984-0221
AREA CODE: 604
TELEX: 04-352597

4

• ANALYTICAL CHEMISTS • GEOCHEMISTS • REGISTERED ASSAYERS

CERTIFICATE OF ANALYSIS

TO: W. S. Read, P. Eng.
851 Cherry Point Road
Cobble Hill, B.C.
ATTN: cc: Les Reichert, Eaton Mining (+ Inv.)

CERTIFICATE NO. 55464
INVOICE NO. 37955
RECEIVED Aug. 10/80
ANALYSED Aug. 18/80

SAMPLE NO. :	PPM Lead
1	62
2	26
3	16
4	26
5	34
6	10
7	18
8	34
9	20
10	18
11	32
12	8
13	28
14	22
15	16
16	18
17	24
18	42
19	18
20	32
21	36
22	24
24	38
25	36
26	28
27	32
28	16
29	18
31	2
32	4
33	48
34	1
35	20
35½	12
36	26
37	24
38	26
39	24
40	36
41	38

Also on 69623



MEMBER
CANADIAN TESTING
ASSOCIATION

CERTIFIED BY: Hartwickle



APPENDIX C

CHEMEX LABS LTD.

212 BROOKSBANK AVE.
NORTH VANCOUVER, B.C. 5
CANADA V7J 2C1
TELEPHONE: 984-0221
AREA CODE: 604
TELEX: 04-352597

• ANALYTICAL CHEMISTS • GEOCHEMISTS • REGISTERED ASSAYERS

CERTIFICATE OF ANALYSIS

TO: W. S. Read, P. Eng.
851 Cherry Point Road
Cobble Hill, B.C.

CERTIFICATE NO. 55465
INVOICE NO. 37955
RECEIVED Aug. 10/80
ANALYSED Aug. 19/80

ATTN: cc: Leo Reichert; Eaton Mining (+ Inv.)

SAMPLE NO. :	PPM Lead
42.	18
43	16
45	22
46	18
47	18
48	16
49	12
50	14
51	14
52	16
53	14
54	18
55	20
56	24
57	20
57½	16
58	1
59	6
60	58
61	42
62	40
63	26
64	22
65	26
66	26
67	24
68	26
69	20
70	16
71	18
72	18
73	22
74	24
75	18
76	26
77	18
78	44
79	22
80	72
81	44

Also on 69624



MEMBER
CANADIAN TESTING
ASSOCIATION

CERTIFIED BY: *Hart Biddle*



APPENDIX C

CHEMEX LABS LTD.

212 BROOKSBANK AVE.
NORTH VANCOUVER, B.C. 6
CANADA V7J 2C1
TELEPHONE: 984-0221
AREA CODE: 604
TELEX: 04-352597

• ANALYTICAL CHEMISTS • GEOCHEMISTS • REGISTERED ASSAYERS

CERTIFICATE OF ANALYSIS

TO: W. S. Read, P. Eng.
851 Cherry Point Road
Cobble Hill, B.C.
ATTN: cc: L. Reichert, Eaton Mining (+ Inv.)

CERTIFICATE NO. 55466
INVOICE NO. 37955
RECEIVED Aug. 10/80
ANALYSED Aug. 19/80

SAMPLE NO. :	PPM
	Lead
82	84
83	320
84	320
85	16
87	22
Also on 69625	



MEMBER
CANADIAN TESTING
ASSOCIATION

CERTIFIED BY: Hart Biddle



CHEMEX LABS LTD.

212 BROOKSBANK AVE.
NORTH VANCOUVER, B.C.
CANADA V7J 2C1
TELEPHONE: (604)984-0221
TELEX: 043-52597

• ANALYTICAL CHEMISTS • GEOCHEMISTS • REGISTERED ASSAYERS

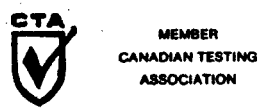
CERTIFICATE OF ANALYSIS

TO : Read, W. S.
851 Cherry Point Road
Cobble Hill, B.C.

CERT. # : A8010310-001-A
INVOICE # : 38694
DATE : 12-SEP-80

BILL/COPY: EATON MIN.

Sample description	Pb ppm	Au -(AA) ppb		
038	38	<10	--	--
089	24	<10	--	--
090	20	<10	--	--
091	14	<10	--	--
092	10	<10	--	--
093	10	40	--	--
094	28	40	--	--
095	26	10	--	--
096	32	10	--	--
097	20	<10	--	--
098	32	<10	--	--
099	24	<10	--	--
100	28	10	--	--
101	28	<10	--	--
102	22	80	--	--
103	30	10	--	--
104	22	<10	--	--
105	24	<10	--	--
106	18	<10	--	--
107	28	40	--	--
108	64	<10	--	--
109	8	<10	--	--
110	38	<10	--	--
111	26	<10	--	--
112	24	<10	--	--
113	26	<10	--	--
114	20	<10	--	--
115	66	<10	--	--
116	28	<10	--	--
117	40	<10	--	--
118	34	<10	--	--
119	26	<10	--	--
120	34	<10	--	--
121	32	10	--	--
122	48	<10	--	--
123	30	<10	--	--
124	34	<10	--	--
125	54	<10	--	--
126	34	<10	--	--
127	44	<10	--	--



Certified by *Hart Biddle*



CHEMEX LABS LTD.

212 BROOKSBANK AVE.
NORTH VANCOUVER, B.C.
CANADA V7J 2C1
TELEPHONE: (604)984-0221
TELEX: 043-52597

• ANALYTICAL CHEMISTS

• GEOCHEMISTS

• REGISTERED ASSAYERS

CERTIFICATE OF ANALYSIS

TO : Read, W. S.
851 Cherry Point Road
Cobble Hill, B.C.

CERT. # : A8010310-002-A
INVOICE # : 38694
DATE : 12-SEP-80

BILL/COPY: EATON MIN.

Sample description	Pb ppm	Au -(AA) ppb		
128	36	<10	--	--
129	12	<10	--	--
130	44	<10	--	--
131	2	<10	--	--
132	44	<10	--	--
133	46	<10	--	--
134	42	<10	--	--
135	24	<10	--	--
136	20	340	--	--
137	46	<10	--	--
138	44	<10	--	--
139	20	<10	--	--
140	42	<10	--	--
141	24	<10	--	--
142	14	<10	--	--
143	18	<10	--	--
144	16	<10	--	--
145	16	<10	--	--
146	18	<10	--	--
147	20	<10	--	--
148	30	20	--	--
149	10	<10	--	--
150	20	<10	--	--
151	8	<10	--	--
152	12	<10	--	--
153	28	<10	--	--
154	16	<10	--	--
155	10	<10	--	--
156	16	30	--	--
157	26	<10	--	--
158	16	<10	--	--
159	42	<10	--	--
160	22	<10	--	--
161	20	<10	--	--
162	12	30	--	--
163	22	<10	--	--
164	8	<10	--	--
165	10	<10	--	--
166	18	<10	--	--
167	14	<10	--	--

Certified by *Hart Biddle*



MEMBER
CANADIAN TESTING
ASSOCIATION



CHEMEX LABS LTD.

212 BROOKSBANK AVE.
NORTH VANCOUVER, B.C.
CANADA V7J 2C1

TELEPHONE: (604)984-0221

TELEX: 043-52597

• ANALYTICAL CHEMISTS

• GEOCHEMISTS

• REGISTERED ASSAYERS

CERTIFICATE OF ANALYSIS

TO : Read, W. S.
851 Cherry Point Road
Cobble Hill, B.C.

CERT. # : A8010310-003-A

INVOICE # : 38694

DATE : 12-SEP-80

BILL/COPY: EATON MIN.

Sample description	Pb ppm	Au -(AA) ppb		
168	18	20	--	--
169	34	<10	--	--
170	8	<10	--	--
171	12	<10	--	--
172	10	<10	--	--
173	22	<10	--	--
174	22	<10	--	--
175	6	<10	--	--
176	18	<10	--	--
177	26	30	--	--
178	22	40	--	--
179	8	<10	--	--
180	18	<10	--	--
181	1	<10	--	--
182	6	<10	--	--
183	8	<10	--	--
184	10	<10	--	--
185	1	<10	--	--
186	8	<10	--	--
187	8	<10	--	--
188	20	<10	--	--
189	16	<10	--	--
190	36	<10	--	--
191	14	<10	--	--
192	16	<10	--	--
193	18	<10	--	--
194	14	<10	--	--
195	18	<10	--	--
196	18	<10	--	--
197	18	<10	--	--
198	6	<10	--	--
199	38	<10	--	--
200	32	120	--	--
201	44	20	--	--
202	22	<10	--	--
203	24	10	--	--
204	14	<10	--	--
205	16	<10	--	--
206	24	10	--	--
207	116	<10	--	--

Certified by *Harv Biddle*



MEMBER
CANADIAN TESTING
ASSOCIATION



CHEMEX LABS LTD.

212 BROOKSBANK AVE.
NORTH VANCOUVER, B.C.
CANADA V7J 2C1
TELEPHONE: (604)984-0221
TELEX: 043-52597

• ANALYTICAL CHEMISTS • GEOCHEMISTS • REGISTERED ASSAYERS

CERTIFICATE OF ANALYSIS

TO : Read, W. S.
851 Cherry Point Road
Cobble Hill, B.C.

CERT. # : A8010310-004-A
INVOICE # : 38694
DATE : 12-SEP-80

BILL/COPY: EATON MIN.

Sample description	Pb ppm	Au -(AA) ppb		
208	12	110	--	--
209	62	40	--	--
210	14	<10	--	--
211	30	<10	--	--
212	54	<10	--	--
213	10	<10	--	--
214	44	<10	--	--
215	26	<10	--	--
216	36	10	--	--
217	24	10	--	--
218	24	50	--	--
219	48	1340	--	--
220	14	20	--	--
221	28	<10	--	--
222	30	700	--	--
223	18	10	--	--
224	20	<10	--	--
225	18	<10	--	--
226	20	<10	--	--
227	32	<10	--	--
228	12	<10	--	--
229	28	<10	--	--
230	20	<10	--	--
231	22	<10	--	--
232	42	<10	--	--
233	24	<10	--	--
234	18	10	--	--
235	24	<10	--	--
236	18	<10	--	--
237	150	10	--	--
238	12	<10	--	--
239	26	<10	--	--
240	26	<10	--	--
241	26	<10	--	--
242	18	30	--	--
243	50	<10	--	--
244	22	10	--	--
245	16	<10	--	--
246	26	<10	--	--
247	26	<10	--	--



Certified by *Hart Biddle*



CHEMEX LABS LTD.

212 BROOKSBANK AVE.
NORTH VANCOUVER, B.C.
CANADA V7J 2C1
TELEPHONE: (604)984-0221
TELEX: 043-52597

• ANALYTICAL CHEMISTS

• GEOCHEMISTS

• REGISTERED ASSAYERS

CERTIFICATE OF ANALYSIS

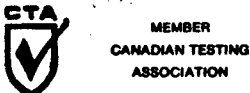
TO : Read, W. S.
851 Cherry Point Road
Cobble Hill, B.C.

CERT. # : A8010310-005-A
INVOICE # : 38694
DATE : 12-SEP-80

BILL/CCPY:EATON MIN.

Sample description	Pb ppm	Au -(AA) ppb		
248	44	<10	--	--
249	24	<10	--	--
250	20	10	--	--

Certified by *Hart Biele*





APPENDIX C
CHEMEX LABS LTD.

12

212 BROOKSBANK AVE.
 NORTH VANCOUVER, B.C.
 CANADA V7J 2C1
 TELEPHONE: (604)984-0221
 TELEX: 043-52597

• ANALYTICAL CHEMISTS

• GEOCHEMISTS

• REGISTERED ASSAYERS

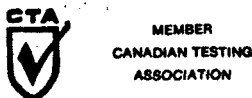
CERTIFICATE OF ANALYSIS

TO : Read, W. S.
 851 Cherry Point Road
 Cobble Hill, B.C.

CERT. # : A8010522-001-A
 INVOICE # : 39446
 DATE : 10-OCT-80

INV+1 EATON MINING

Sample description	Prep code	Pb ppm	Au - (AA) ppb				
2/53	202	18	<10	--	--	--	--
251	202	28	<10	--	--	--	--
252	202	22	<10	--	--	--	--



Certified by *J. McKeown*

APPENDIX D

Laton Mining & Explor Ltd.,
 837 West Hastings St.,
 Vancouver, B. C.

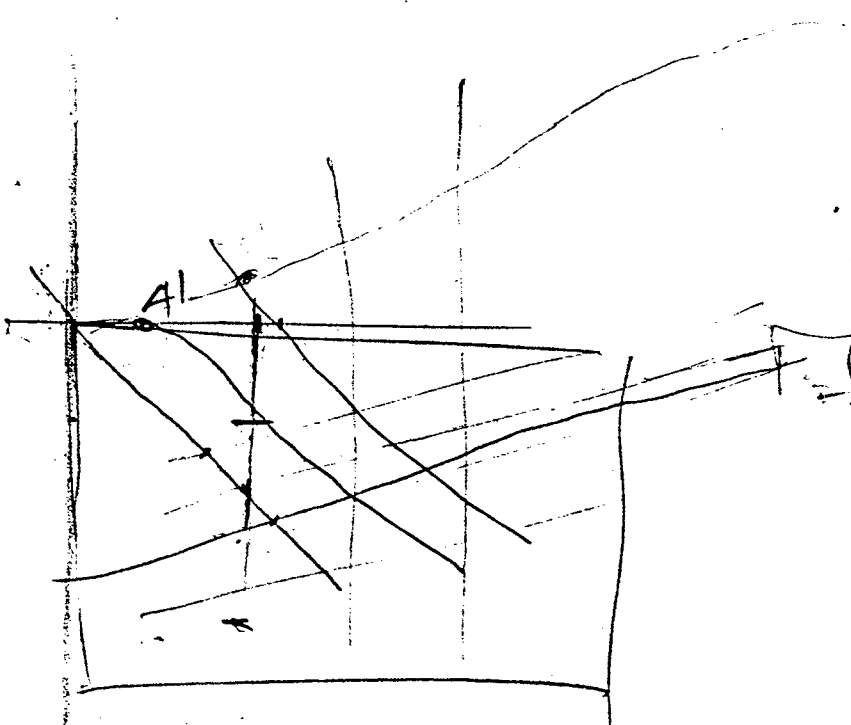
31628

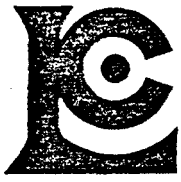
17752

Aug. 16/76

Aug. 16/76

		Oz/Ton Silver	Oz/Ton Gold
4.57 Hole #3	0-15	0.01	< 0.003
-6.10	15-20	0.02	0.068
-7.62	20-25	0.01	0.034
-9.45	25-31	0.02	0.020
-10.97	31-36	0.04	0.018
-12.50	36-41	<0.01	< 0.003
-13.72	41-45	0.07	0.003
-15.24	45-50	0.01	0.020
-16.31	50-53 1/2	0.08	0.024
-17.68	53 1/2-58	<0.01	0.005
-19.20	58-63	<0.01	0.014
19.20 -21.03	63-69	0.14	0.930
21.03-22.56	69-74	0.18	0.512
- 24.08	74-79	0.45	0.020
25.60	79-84	0.02	0.024
27.13	84-89	0.09	0.006
28.65	89-94	0.02	0.034





APPENDIX D

CHEMEX LABS LTD.

212 BROOKSBANK AVE.
NORTH VANCOUVER, B.C. 2
CANADA V7J 2C1
TELEPHONE: 985-0648
AREA CODE: 604
TELEX: 043-52597

• ANALYTICAL CHEMISTS • GEOCHEMISTS • REGISTERED ASSAYERS

CERTIFICATE OF ASSAY

TO: Eaton Mining & Explor. Ltd.,
837 W. Hastings St., #621
Vancouver, B. C.

CERTIFICATE NO. 31657
INVOICE NO. 17836
RECEIVED Aug. 16/76
ANALYSED Aug. 20/76

ATTN:

SAMPLE NO. :	Oz/Ton Silver	Oz/Ton Gold
Hole 3 94-99	0.03	0.005
-30.18 99-104	0.01	0.010
-31.70 104-108	0.01	0.003
-32.92 108-113.5	0.01	0.005
-34.60 113.5-118	< 0.01	0.003
-35.97 118-123.5	< 0.01	0.003
-37.64 123.5-128	< 0.01	0.007
-39.01 128-134 (22.95m)	0.01	0.010
Hole 3 10-16	< 0.01	< 0.003
Hole 4 16-21.5	< 0.01	0.003
3.05-7.88		
-6.55 21.5-27	0.01	0.007
-8.23 27-32.5	0.01	0.012
-9.91 32.5-35	0.01	0.016
-10.67 35-44	0.01	0.018
-13.41 44-54	0.02	0.005
-16.46 54-58	0.05	0.003
-17.68 58-63	0.04	0.005
-19.20 63-68	0.12	0.005
-20.73 68-73	0.02	0.003
-22.25 73-77	0.05	0.014
-23.47 77-82	0.02	0.005
-24.99 82-87	0.08	0.010
-26.52 87-92	0.03	0.003
-28.09 92-97	0.05	0.003
-29.57 97-102	0.03	0.003
-31.09 102-107	0.03	0.003
32.61 107-111	0.02	0.003
33.83 111-116	0.05	0.006
35.36 116-120	0.04	0.003
36.58 120-125	0.04	0.016
38.10 125-127 38.71	0.02	0.030
Hole 4 0-5	0.08	0.096
Hole 1 5-10	0.03	0.005
10-15	0.08	0.012
15-20	< 0.01	0.003
20-25.5	0.02	0.003
25.5-30	0.01	0.005
30-35	0.02	0.003
35-40	0.08	0.062
Hole 1 40-45	0.02	0.005



MEMBER
CANADIAN TESTING
ASSOCIATION

REGISTERED ASSAYER, PROVINCE OF BRITISH COLUMBIA



APPENDIX D
CHEMEX LABS LTD.

212 BROOKSBANK AVE.
NORTH VANCOUVER, B.C.
CANADA V7J 2C1
TELEPHONE: 985-0648
AREA CODE: 604
TELEX: 043-52597

3

• ANALYTICAL CHEMISTS • GEOCHEMISTS • REGISTERED ASSAYERS

CERTIFICATE OF ASSAY

CERTIFICATE NO. 31658

to: Eaton Mining & Explor. Ltd.,
837 W. Hastings St.,
Vancouver, B. C.

INVOICE NO. 17836

RECEIVED Aug. 16/76

ANALYSED Aug. 20/76

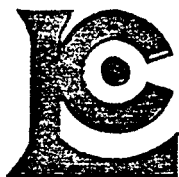
ATTN:

SAMPLE NO. :	Oz/Ton Silver	Oz/Ton Gold
Hole 1. 45-50	0.02	0.014
50-55	0.02	0.008
55-60	0.01	< 0.003
60-65	0.01	< 0.003
65-70	< 0.01	< 0.003
70-75	0.01	< 0.003
75-80	0.02	< 0.003
80=85	0.04	0.003
85-90	0.03	0.008
90-95	0.02	0.005
Hole 1 95-97.5	0.01	0.005



MEMBER
CANADIAN TESTING
ASSOCIATION

B. J. Switzer
REGISTERED ASSAYER, PROVINCE OF BRITISH COLUMBIA



APPENDIX D

CHEMEX LABS LTD.

212 BROOKSBANK AVE.
NORTH VANCOUVER, B.C.
CANADA V7J 2C1
TELEPHONE: 985-0648
AREA CODE: 604
TELEX: 043-52597

4

• ANALYTICAL CHEMISTS • GEOCHEMISTS • REGISTERED ASSAYERS

CERTIFICATE OF ASSAY

TO: Eaton Mining & Explor Ltd.,
837 W. Hastings St.,
Vancouver, B.C.

CERTIFICATE NO. 31670

INVOICE NO. 17934

RECEIVED Aug. 16/76

ANALYSED Aug. 25/76

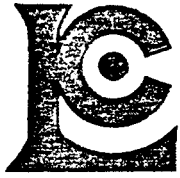
ATTN: Mr. Eaton

SAMPLE NO. :	Oz/Ton Silver	Oz/Ton Gold
Hole #1 77-102	< 0.01	< 0.003
2 0-5	< 0.01	< 0.003
5-10	< 0.01	< 0.003
2 10-15	< 0.01	< 0.003
Hole #4 28-32	< 0.01	< 0.003
Hole #5 14-20	< 0.01	< 0.003
20-25	0.02	< 0.003
25-30	0.03	< 0.003
30-35	0.02	0.003
35-40	0.01	0.012
40-45	0.03	0.068
45-50	0.08	0.090
50-58	0.02	0.012
58-63.5	0.12	0.042
63.5-68.5	0.02	0.003
68.5-73	0.01	< 0.003
73-78	0.08	< 0.003
78-82.5	0.02	< 0.003
82.5-87	0.01	0.003
87-93.5	0.04	0.003
93.5-98.5	0.03	0.005
98.5-102.5	0.05	0.005
102.5-107	0.04	0.003
107-112	0.07	0.010
Hole #5 112-119	< 0.01	< 0.003
Hole #6 13-19	< 0.01	< 0.003
19-24	0.06	0.012
24-29	< 0.01	< 0.003
29-33	< 0.01	< 0.003
33-37	< 0.01	< 0.003
37-42	< 0.01	< 0.003
42-47	< 0.01	< 0.003
47-51	0.01	0.003
51-58	0.10	0.008
17.68-18.90 58-62	0.08	0.282
62-67	0.02	0.034
67-72	0.04	0.005
72-77	0.06	0.018
Hole #6 77-81	0.01	0.003



MEMBER
CANADIAN TESTING
ASSOCIATION

[Signature]
REGISTERED ASSAYER, PROVINCE OF BRITISH COLUMBIA



APPENDIX D

CHEMEX LABS LTD.

212 BROOKSBANK AVE.
 NORTH VANCOUVER, B.C.
 CANADA V7J 2C1
 TELEPHONE: 985-0648
 AREA CODE: 604
 TELEX: 043-52597

5

• ANALYTICAL CHEMISTS • GEOCHEMISTS • REGISTERED ASSAYERS

CERTIFICATE OF ASSAY

CERTIFICATE NO. 31689

TO: Eaton Mining & Explor. Ltd.,
 837 W. Hastings St.,
 Vancouver, B. C.

INVOICE NO. 17996

RECEIVED Aug. 16/76

ANALYSED Aug. 30/76

ATTN:

SAMPLE NO. :	Oz/Ton Silver	Oz/Ton Gold
Hole 6 79'84'	0.10	< 0.003
6 84-93'	0.03	< 0.003
Hole 7 1-12'	0.11	< 0.003
12-225	0.01	0.003
22.5-29	0.01	< 0.003
29-40	0.01	0.028
40-45	< 0.01	0.003
45-50	< 0.01	0.005
50-55	0.02	0.003
55-61	0.02	0.005
61-66	0.01	0.018
66-71	0.02	0.012
71-76	0.02	0.036
76-81	0.07	0.038
81-88	0.02	0.003
88-91	0.03	0.010
91-96	0.04	0.028
Hole 7 96-100'	0.01	0.003



MEMBER
 CANADIAN TESTING
 ASSOCIATION

Robert ...
 REGISTERED ASSAYER, PROVINCE OF BRITISH COLUMBIA



APPENDIX E

CHEMEX LABS LTD.

212 BROOKSBANK AVE.
 NORTH VANCOUVER, B.C. 1
 CANADA V7J 2C1
 TELEPHONE: [REDACTED] 984-0221
 AREA CODE: 604
 TELEX: 043-52597

• ANALYTICAL CHEMISTS • GEOCHEMISTS • REGISTERED ASSAYERS

CERTIFICATE OF ASSAY

TO: Eaton Mining & Exploration Ltd.
 621 - 837 W. Hastings St.
 Vancouver, B.C.
 ATTN: V6C 1B9

CERTIFICATE NO. 67976
 INVOICE NO. 35741
 RECEIVED Apr. 30/80
 ANALYSED May 13/80

CC: Wayland Read

SAMPLE NO. :	%	oz/ton	oz/ton	
	WO ₃	Ag	Au	
No. # Au		0.30	0.003	} UNKNOWN - SUBMITTED BY CO.
No. # Au, WO ₃	0.01	0.08	<0.003	
66851 A		0.13	0.914	GRAB SAMPLE - DUMP OUTSIDE UPPER PORTAL
66852		0.01	0.003	PORTAL COLLAR - NE CORNER HANGWALL 1.20 m.
66853		0.10	0.194	✓ ✓ ✓ ✓ QTZ. VEIN 1.00 m.
66854		0.15	2.577	COLLAR + 6.0 m. - 0.40 m. QTZ VEIN N. WALL
66855		0.06	0.042	✓ ✓ 1.50 m. FOOTWALL ✓ ✓
66856A		0.05	0.010	QTZ. VEIN ON EDGE CREEK 215° FROM UPPER PORTAL 2 x 1 m. GRAB.



MEMBER
 CANADIAN TESTING
 ASSOCIATION

[Signature]
 REGISTERED ASSAYER, PROVINCE OF BRITISH COLUMBIA



APPENDIX E

CHEMEX LABS LTD.

212 BROOKSBANK AVE.
NORTH VANCOUVER, B.C.
CANADA V7J 2C1
TELEPHONE: [redacted] 984-0221
AREA CODE: 604
TELEX: 043-52597

• ANALYTICAL CHEMISTS • GEOCHEMISTS • REGISTERED ASSAYERS

CERTIFICATE OF ASSAY

TO: W.S. Read
851 Cherry Point Road
Cobble Hill, B.C.

CERTIFICATE NO. 68224
INVOICE NO. 36256
RECEIVED May 26/80
ANALYSED June 16/80

ATTN: CC: Eaton Mining

Table with columns: SAMPLE NO., oz/ton Ag, oz/ton Au, and description. Row 1: 66857, 0.16, 0.244, MUCK PILE - UPPER PORTAL



MEMBER
CANADIAN TESTING
ASSOCIATION

[Signature]
REGISTERED ASSAYER, PROVINCE OF BRITISH COLUMBIA



APPENDIX E

CHEMEX LABS LTD.

.12 BROOKSBANK AVE.
NORTH VANCOUVER, B.C.
CANADA V7J 2C1
TELEPHONE: 985-0648
AREA CODE: 604
TELEX: 043-52597

3

• ANALYTICAL CHEMISTS • GEOCHEMISTS • REGISTERED ASSAYERS

CERTIFICATE OF ASSAY

TO: W.S. Read
851 Cherry Pt. Rd.
Cobble Hill, B.C.

CERTIFICATE NO. 68622

INVOICE NO. 36568

RECEIVED June 22/80

ATTN: c.c. & invoice to Eaton Mining

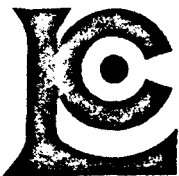
ANALYSED June 30/80

SAMPLE NO. :	oz/ton Ag	oz/ton Au	
66860 A	0.45	0.114	MUCK SAMPLE - SOUTH DRIFT - UPPER ADIT
66861	0.32	0.980	✓ ✓ EAST ✓ - ✓ ✓
66862	0.03	0.014	PORTAL + 2.0m.E HW. 1.70m. VERT. N.WALL
66863	1.83	8.828	✓ ✓ VEIN 0.25m. ✓ ✓
66864	0.02	0.148	✓ + 4.0m.E HW. 0.75m. ✓ ✓
66865	0.03	0.404	✓ ✓ VEIN 0.30m. ✓ ✓
66866	0.01	0.040	✓ ✓ FW. 1.00m. ✓ ✓
66867	1.09	3.930	✓ + 6.0m VEIN 0.30m. ✓ ✓
66868 A	0.01	0.024	✓ ✓ FW. 1.80m. ✓ ✓



MEMBER
CANADIAN TESTING
ASSOCIATION

Steve Ammini
REGISTERED ASSAYER, PROVINCE OF BRITISH COLUMBIA



APPENDIX E

CHEMEX LABS LTD.

212 BROOKSBANK AVE.
NORTH VANCOUVER, B.C.
CANADA V7J 2C1
TELEPHONE: 985-0648
AREA CODE: 604
TELEX: 043-52597

4

• ANALYTICAL CHEMISTS • GEOCHEMISTS • REGISTERED ASSAYERS

CERTIFICATE OF ASSAY

TO: Eaton Mining & Explor. Ltd.,
837 West Hastings St., Ste. 621
Vancouver, B.C.
V6C 1B9

c.c.- W. S. Read,
Cobble Hill, B.C.

CERTIFICATE NO. 68698
INVOICE NO. 36972
RECEIVED June 25, 1980
ANALYSED July 17, 1980

SAMPLE NO. :	oz/ton Ag	oz/ton Au
1A	0.02	0.080
2	0.28	1.002
3	0.02	0.024
4	0.01	0.020
5	0.61	1.270
6	0.15	0.012
7	0.01	0.022
8	0.06	0.784
9	0.12	0.020
10	0.15	0.054
11	0.14	0.264
12	0.01	0.038
13	0.01	0.040
14	0.02	0.258
15	0.03	0.254
16	0.01	0.024
17	0.40	1.722
18	0.01	0.078
19	0.06	0.720
20	0.04	0.018
21	0.01	0.026
22	0.01	0.010
23	0.02	0.003
24	1.09	4.130
25	0.01	0.098
26	0.01	0.028
27	0.38	2.884
28	0.01	0.060
29	0.02	0.162
30	0.01	0.020
31	0.01	0.016
32	0.01	0.005
33	0.03	0.234
34	0.01	0.003
35	0.03	0.340
36A	0.01	0.003



MEMBER
CANADIAN TESTING
ASSOCIATION

B. L. Swales

REGISTERED ASSAYER, PROVINCE OF BRITISH COLUMBIA



APPENDIX E

CHEMEX LABS LTD.

.12 BROOKSBANK AVE.
NORTH VANCOUVER, B.C.
CANADA V7J 2C1
TELEPHONE: 985-0648
AREA CODE: 604
TELEX: 043-52597

5

- ANALYTICAL CHEMISTS
- GEOCHEMISTS
- REGISTERED ASSAYERS

CERTIFICATE OF ASSAY

TO: W. S. Read, P. Eng.
851 Cherry Point Road
Cobble Hill, B.C.

CERTIFICATE NO. 69183
 INVOICE NO. 37433
 RECEIVED July 18/80
 ANALYSED July 30/80

cc: Eaton Mining

ATTN:

SAMPLE NO. :	Oz/Ton	O z/Ton	%
	Ag	Au	WO ₃
66876A	0.05	0.003	
66877	0.02	<0.003	
66878	0.01	0.003	
66879	0.01	<0.003	
66880	0.01	<0.003	0.01
66881	0.32	<0.003	
66882A	0.01	<0.003	



MEMBER
CANADIAN TESTING
ASSOCIATION

Stan Amadori
 REGISTERED ASSAYER, PROVINCE OF BRITISH COLUMBIA



APPENDIX E

CHEMEX LABS LTD.

212 BROOKSBANK AVE.
NORTH VANCOUVER, B.C. 6
CANADA V7J 2C1
TELEPHONE: ██████████ 984-0221
AREA CODE: 604
TELEX: 043-52597

• ANALYTICAL CHEMISTS • GEOCHEMISTS • REGISTERED ASSAYERS

CERTIFICATE OF ASSAY

TO: Eaton Mining & Exploration Ltd.
Ste. 621 - 837 W. Hastings St.
Vancouver, B.C.
V6C 1B9

CERTIFICATE NO. 69464
INVOICE NO. 37988
RECEIVED Aug. 1/80
ANALYSED Aug. 20/80

ATTN: CC: W. S. Read

SAMPLE NO. :	oz/ton	
	Ag	Au
66883A	0.01	0.034
66884	0.48	1.464
66885	0.01	0.020
66886	0.01	0.024
66887	0.42	2.394
66888	0.01	0.022
66889	0.58	3.010
66890	0.63	3.346
66891	0.12	0.830
66892	0.01	0.036
66893	0.05	0.334
66894	0.01	0.012
66895	0.04	0.162
66896	0.01	0.030
66897	0.01	0.028
66898	0.05	0.022
66899	0.07	0.118
66900A	0.01	0.003
74701B	0.02	0.034
74702	1.76	3.408
74703	0.03	0.134
74704	0.18	0.578
74705	0.01	0.038
74706B	0.05	0.003



MEMBER
CANADIAN TESTING
ASSOCIATION

W. S. Read
REGISTERED ASSAYER, PROVINCE OF BRITISH COLUMBIA



APPENDIX E

CHEMEX LABS LTD.

212 BROOKSBANK AVE.
NORTH VANCOUVER, B.C. 7
CANADA V7J 2C1
TELEPHONE: 984-0221
AREA CODE: 604
TELEX: 04-352597

• ANALYTICAL CHEMISTS • GEOCHEMISTS • REGISTERED ASSAYERS

CERTIFICATE OF ASSAY

CERTIFICATE NO. 69850

TO: W.S. Read, P.Eng.,
851 Cherry Point Road,
Cobble Hill, B.C.

INVOICE NO. 38701

RECEIVED Aug. 21/80

ATTN: CC. Eaton Mining

ANALYSED Sept. 10/80

SAMPLE NO. :	oz/ton	oz/ton
	Ag	Au
74707	0.12	0.012
74708	0.14	0.003



MEMBER
CANADIAN TESTING
ASSOCIATION

B. Swait

REGISTERED ASSAYER, PROVINCE OF BRITISH COLUMBIA



APPENDIX E

CHEMEX LABS LTD.

212 BROOKSBANK AVE.
NORTH VANCOUVER, B.C.
CANADA V7J 2C1
TELEPHONE: 984-0221
AREA CODE: 604
TELEX: 04-352597

8

• ANALYTICAL CHEMISTS • GEOCHEMISTS • REGISTERED ASSAYERS

CERTIFICATE OF ASSAY

TO: Eaton Mining & Explor. Ltd.,
621 - 837 W. Hastings St.,
Vancouver, B.C.
V6C 1B9

c.c.-W. S. Read
Cobble Hill
c.c.-Leo Reichert
Revelstoke

CERTIFICATE NO. 69977
INVOICE NO. 39136
RECEIVED Sept. 1, 1980
ANALYSED Sept. 27, 1980

SAMPLE NO. :	oz/ton	oz/ton
	Ag	Au
74709	0.08	<0.003
74710	0.06	<0.003
74711	0.08	0.003
74712	0.06	<0.003
74713	0.08	0.014
74714	0.18	0.028
74715	0.06	<0.003
74716	0.04	0.003
74717	0.02	<0.003
74718	0.13	0.074
74719	0.14	0.042
74720	0.12	<0.003



MEMBER
CANADIAN TESTING
ASSOCIATION

REGISTERED ASSAYER, PROVINCE OF BRITISH COLUMBIA



APPENDIX E

CHEMEX LABS LTD.

212 BROOKSBANK AVE.
NORTH VANCOUVER, B.C. 9
CANADA V7J 2C1
TELEPHONE: 984-0221
AREA CODE: 604
TELEX: 04-352597

• ANALYTICAL CHEMISTS • GEOCHEMISTS • REGISTERED ASSAYERS

CERTIFICATE OF ASSAY

TO: W. S. Read, P. Eng.
851 Cherry Point Road
Cobble Hill, B.C.
VOR 1L0

Inv. & CC. Eaton Mining
CC. Revelstoke, B.C.

ATTN:

CERTIFICATE NO. 70154
INVOICE NO. 39008
RECEIVED Sept. 16/80
ANALYSED Sept. 23/80

SAMPLE NO. :	oz/ton	oz/ton
	Ag	Au
74721	0.32	0.486
74722	0.16	0.114
74723	0.16	0.078
74724	0.28	0.182
74725	0.18	0.046



MEMBER
CANADIAN TESTING
ASSOCIATION

REGISTERED ASSAYER, PROVINCE OF BRITISH COLUMBIA

CHEMEX LABS LTD.

212 BROOKSBANK AVE.
NORTH VANCOUVER, B.C.
CANADA V7J 2C1
TELEPHONE: (604)984-0221
TELEX: 043-52597



• ANALYTICAL CHEMISTS • GEOCHEMISTS • REGISTERED ASSAYERS

CERTIFICATE OF ASSAY

TD : Read, W. S.
851 Cherry Point Road
Cobble Hill, B.C.

CERT. # : A8010844-001-A
INVOICE # : 40393
DATE : 12-NOV-80
P.O. # : NONE

Sample description	Prep code	Ag oz/t	Au oz/t				
74726	207	0.02	<0.003	--	--	--	--
74727	207	0.02	<0.003	--	--	--	--
74728	207	0.01	<0.003	--	--	--	--
74729	207	<0.01	<0.003	--	--	--	--
74730	207	0.01	<0.003	--	--	--	--
74731	207	0.01	<0.003	--	--	--	--
74732	207	0.01	<0.003	--	--	--	--

.....
Registered Assayer, Province of British Columbia



CHEMEX LABS LTD.

212 BROOKSBANK AVE.
 NORTH VANCOUVER, B.C.
 CANADA V7J 2C1
 TELEPHONE: (604)984-0221
 TELEX: 043-52597

• ANALYTICAL CHEMISTS • GEOCHEMISTS • REGISTERED ASSAYERS

CERTIFICATE OF ASSAY

TO : EATON MINING
 621-837 W. HASTINGS ST.
 VANCOUVER, B.C.

CERT. # : A8010913-001-A
 INVOICE # : 40494
 DATE : 18-NDV-80
 P.O. # : NONE

Sample description	Prep code	Ag oz/t	Au oz/t				
74733	207	0.01	<0.003	--	--	--	--
74734	207	0.16	0.005	--	--	--	--
74735	207	0.14	<0.003	--	--	--	--
74736	207	0.01	<0.003	--	--	--	--

B. L. Swaiter

.....
 Registered Assayer, Province of British Columbia



CHEMEX LABS LTD.

212 BROOKSBANK AVE.
 NORTH VANCOUVER, B.C.
 CANADA V7J 2C1
 TELEPHONE: (604)984-0221
 TELEX: 043-52597

• ANALYTICAL CHEMISTS • GEOCHEMISTS • REGISTERED ASSAYERS

CERTIFICATE OF ASSAY

TO : EATON MINING
 621-837 W. HASTINGS ST.
 VANCOUVER, B.C.

CERT. # : A8010914-001-A
 INVOICE # : 40495
 DATE : 18-NOV-80
 P.O. # : NONE

Sample description	Prep code	Ag oz/t	Au oz/t				
74737	207	0.01	0.048	--	--	--	--
74738	207	0.03	0.220	--	--	--	--
74739	207	0.02	0.162	--	--	--	--
74740	207	0.01	0.042	--	--	--	--
74741	207	0.01	0.005	--	--	--	--
74742	207	0.01	<0.003	--	--	--	--
74743	207	0.01	<0.003	--	--	--	--
74744	207	0.01	0.068	--	--	--	--
74745	207	0.01	0.014	--	--	--	--
74747	207	0.01	0.016	--	--	--	--
74748	207	0.01	0.010	--	--	--	--
74749	207	0.01	<0.003	--	--	--	--
74750	207	0.01	0.020	--	--	--	--
74751	207	0.01	0.064	--	--	--	--
74752	207	0.01	0.012	--	--	--	--
74753	207	0.01	0.056	--	--	--	--
74754	207	0.01	0.060	--	--	--	--
74755	207	0.01	0.003	--	--	--	--
74756	207	0.02	0.154	--	--	--	--
74757	207	0.01	0.018	--	--	--	--
74758	207	0.10	0.202	--	--	--	--
74759	207	0.05	0.118	--	--	--	--
74760	207	0.01	0.005	--	--	--	--
74761	207	0.02	0.180	--	--	--	--
74762	207	0.02	0.074	--	--	--	--
74763	207	0.01	0.050	--	--	--	--

B. Swartz

.....
 Registered Assayer, Province of British Columbia



CHEMEX LABS LTD.

212 BROOKSBANK AVE.
NORTH VANCOUVER, B.C.
CANADA V7J 2C1
TELEPHONE: (604)984-0221
TELEX: 043-52597

• ANALYTICAL CHEMISTS

• GEOCHEMISTS

• REGISTERED ASSAYERS

CERTIFICATE OF ASSAY

TO : EATON MINING
621-837 W. HASTINGS ST.
VANCOUVER, B.C.

CERT. # : A8011259-001-A
INVOICE # : I8011259
DATE : 17-DEC-80
P.O. # : NONE

CC: W.S. READ

Sample description	Prep code	Ag oz/t	Au oz/t				
67501	207	0.23	0.012	--	--	--	--
67502	207	0.20	0.040	--	--	--	--
67503	207	0.08	0.003	--	--	--	--
67504	207	0.02	<0.003	--	--	--	--
67505	207	0.12	<0.003	--	--	--	--
67506	207	0.14	0.003	--	--	--	--
67507	207	0.20	<0.003	--	--	--	--
67508	207	0.14	<0.003	--	--	--	--
67509	207	0.13	0.005	--	--	--	--
67510	207	0.12	0.003	--	--	--	--
67511	207	0.12	0.005	--	--	--	--
67512	207	0.02	<0.003	--	--	--	--
67513	207	0.05	0.044	--	--	--	--
67514	207	0.06	0.020	--	--	--	--
67515	207	0.10	0.038	--	--	--	--
67516	207	0.02	0.016	--	--	--	--
67517	207	0.12	0.044	--	--	--	--
67518	207	0.14	0.003	--	--	--	--
67519	207	0.10	<0.003	--	--	--	--
67520	207	0.14	<0.003	--	--	--	--
67521	207	0.08	<0.003	--	--	--	--
67522	207	0.10	0.003	--	--	--	--
67523	207	0.08	0.036	--	--	--	--
67524	207	0.06	<0.003	--	--	--	--
67525	207	0.06	<0.003	--	--	--	--
67526	207	0.18	<0.003	--	--	--	--
67527	207	0.06	0.005	--	--	--	--
67528	207	0.05	0.028	--	--	--	--
67529	207	0.13	0.044	--	--	--	--
67530	207	0.12	0.022	--	--	--	--
67531	207	0.01	0.003	--	--	--	--
67532	207	0.26	0.154	--	--	--	--
67533	207	0.16	0.242	--	--	--	--
74764	207	0.15	0.092	--	--	--	--
74765	207	0.05	0.008	--	--	--	--
74766	207	0.14	0.005	--	--	--	--
74767	207	0.08	0.003	--	--	--	--
74768	207	0.11	0.005	--	--	--	--
74769	207	0.06	0.022	--	--	--	--
74770	207	0.09	0.030	--	--	--	--

.....
Registered Assayer, Province of British Columbia



MEMBER
CANADIAN TESTING
ASSOCIATION

CHEMEX LABS LTD.

212 BROOKSBANK AVE.
NORTH VANCOUVER, B.C.
CANADA V7J 2C1
TELEPHONE: (604)984-0221
TELEX: 043-52597

• ANALYTICAL CHEMISTS

• GEOCHEMISTS

• REGISTERED ASSAYERS

CERTIFICATE OF ASSAY

TO : EATON MINING
621-837 W. HASTINGS ST.
VANCOUVER, B.C.

CERT. # : A8011259-002-A
INVOICE # : I8011259
DATE : 17-DEC-80
P.O. # : NONE

CC: W.S. READ

Sample description	Prep code	Ag oz/t	Au oz/t				
74771	207	0.10	0.034	--	--	--	--
74772	207	0.12	0.024	--	--	--	--
74773	207	0.16	0.058	--	--	--	--
74774	207	0.12	0.005	--	--	--	--
74775	207	0.08	0.003	--	--	--	--
74776	207	0.10	0.003	--	--	--	--
74777	207	0.12	<0.003	--	--	--	--
74778	207	0.14	<0.003	--	--	--	--
74779	207	0.04	<0.003	--	--	--	--
74780	207	0.08	0.022	--	--	--	--
74781	207	0.02	0.003	--	--	--	--
74782	207	0.08	0.018	--	--	--	--
74783	207	0.04	0.020	--	--	--	--
74784	207	0.01	0.003	--	--	--	--
74785	207	0.03	0.010	--	--	--	--
74786	207	0.06	0.003	--	--	--	--
74787	207	0.09	0.008	--	--	--	--
74788	207	0.03	0.012	--	--	--	--
74789	207	0.07	0.008	--	--	--	--
74790	207	0.17	0.005	--	--	--	--
74791	207	0.06	<0.003	--	--	--	--
74792	207	0.02	<0.003	--	--	--	--
74793	207	0.02	0.003	--	--	--	--
74794	207	0.30	0.188	--	--	--	--
74795	207	0.16	0.003	--	--	--	--
74796	207	0.26	0.020	--	--	--	--
74797	207	10.15	0.010	--	--	--	--
74798	207	2.84	0.018	--	--	--	--
74799	207	2.99	0.030	--	--	--	--
74800	207	0.58	0.003	--	--	--	--

.....
Registered Assayer, Province of British Columbia



MEMBER
CANADIAN TESTING
ASSOCIATION

APPENDIX F

STATEMENT OF COSTS - GEOCHEMICAL PORTION

Reagents for total heavy metals field test (Bloom)	\$ 152.00	
Analysis (Chemex Labs, Vancouver)		
85 samples for lead (A.A.) and prep. @ 2.15	182.75	
85 samples for gold (Combo) @ 4.50	382.50	
166 samples for lead and gold (A.A.) and prep. @ 5.90	<u>979.40</u>	\$ 1,696.65
Shipping costs (estimated)		40.00
<u>Personnel and Costs</u>		
Leo Reichert - Mining Technologist Keremeos, B.C. July 10, 12, 23, 30, August 3, 5, 7, 16-21, 23, 24, September 3, 16 and 17 - 18 days @ 125.	2,250.00	
Steven Read - Exploration Assistant, Cobble Hill, B.C. July 10, 12, 23-28, August 3, 5, 7, 16-21, 23, 24, 28, 30. 21 days \$100.	2,100.00	
W. S. Read, P. Eng. - Supervision and report 4 days at \$350.	<u>1,400.00</u>	
		5,750.00
Final drafting - estimate 10 hours at 21.00	210.00	
Vehicle 21 days at \$35.00	735.00	
Accommodation 43 man-days at \$30.00	<u>1,290.00</u>	<u>2,235.00</u>
Total		\$ <u>9,721.65</u>