

QUARTZ MT.
CRANBROOK AREA

810677

82 6/5

February 28, 1967.

Mr. C. O. Anderson,
113 - 9th Avenue,
CRANBROOK, B. C.

Dear Mr. Anderson:

Thank you for submitting the data on the
Quartz Creek lode. I regret that we are not interested
at this time.

Sincerely,

ATLAS EXPLORATIONS LIMITED,

EOC:dh

E. O. Chisholm,
Exploration Manager.

INTER-OFFICE MEMO

TO Mr. E. O. Chisholm	OFFICE
FROM John S. Brock	OFFICE
SUBJECT	DATE Feb. 17/67.

MESSAGE

Please reply to Mr. C. O. Anderson on attached information submitted to me in regard to a property he feels Atlas Explorations may be interested in. I have talked to Mr. Anderson by telephone and he mentioned that this information is all he has available for the particular property in question. All correspondence should be carried out directly with Anderson.

SIGNED



REPLY

Ted -
This looks like a small Au vein situation.
Recommend we take no action.

- Cydo

DATE	OFFICE	SIGNED
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BRALORNE PIONEER MINES LTD.

P. O. BOX NO. 367
BRALORNE, B. C.

December 14th, 1966

Mr. C. O. Anderson,
113 - 9th Avenue,
Cranbrook, B. C.

Dear Mr. Anderson:

Thank you for your letter dated December 2nd.
We have examined and assayed your samples. The results are as follows:

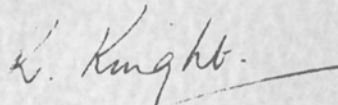
		<u>% Copper</u>	<u>Oz/ton Gold</u>
#1	quartz gossan	0.65	1.34
#2	quartz gossan	-	0.76
#3	dyke material	-	0.02

This information, together with your notes, will be forwarded to our Exploration Department in Vancouver. They should be in touch with you shortly.

To help evaluate these results, we would appreciate any further information regarding this area that you may have. A sketch map would be helpful.

Yours very truly,

BRALORNE PIONEER MINES LTD.



R. Knight,
Senior Mining Engineer

RK:Mc
c.c. D.H. James



b.

DEPARTMENT OF MINES AND PETROLEUM RESOURCES
VICTORIA

SAMPLE RECEIVED FROM..... Mr. C.O. Anderson,

ADDRESS..... 113 - 9th Ave., Cranbrook, B.C.

LABORATORY No.	SUBMITTER'S MARK	LABORATORY REPORT
25074	4159 B	<p>Spectrochemical Analysis: The only base metals found, and their percentages, were those occurring normally in rocks.</p> <p>Assays: Gold nil Silver nil Platinum nil</p> <p>Radioactivity: No greater than that occurring normally in rocks.</p>
25075	4160 B	<p>Spectrochemical Analysis: A fraction of 1 per cent of copper was found; the other base metals found, and their percentages, were those occurring normally in rocks.</p> <p>Assays: Gold 1.79 oz. per ton Silver 0.7 oz. per ton Platinum nil</p> <p>Radioactivity: No greater than that occurring normally in rocks.</p>

THIS DOCUMENT, OR ANY PART THEREOF, MAY NOT BE REPRODUCED
FOR PROMOTIONAL OR ADVERTISING PURPOSES.

DATE..... December 29th 1966

[Signature]
CHIEF ANALYST AND ASSAYER

Assay Certificate



Date 19

Cominco Ltd., Trail, B.C.

Description	Lot	os/ton		%Cu	%Pb	%Zn	%SiO ₂	%Fe	%CaO	%Al ₂ O ₃				
		Au	Ag											
ORES PURCHASING														
C.O. Anderson	190													
#1		.57	.3	.25	.1	Trace	94.4	3.2	.4	.8				
#2 Taken from large outcrop		.02	.1	<.05	.1	.1	96.0	1.4	.4	1.1				

Serial No. 9519

Supervisor TA Rice DM



Metal Production

Mr. C. O. Anderson
112 9th Avenue
Cranbrook, B. C.

29 December 1966

Dear Sir:

Analyses of samples covered by your letter of 2 December 1966 are on Cominco Assay Certificate No. 9519 (O.P. 190), copy of which is attached.

Ore of No. 1 sample grade is worth approximately \$22.00 per ton F.O.B. Tadanac. Ore of No. 2 grade about \$3.00 per ton both on Cominco Siliceous Ore Schedule.

If you wish to develop further we require some proof of title, then we would go on to discuss shipments.

Yours very truly

A handwritten signature in dark ink, appearing to read 'J.H.D. Hargrave', written in a cursive style.

J.H.D. Hargrave
Ore Buyer

JHDH:mm
Attachment

Names and recording numbers of Mineral Claims Saw Mill Creek

Mihi.....7888.	Kate.....8108.	Bette.....8919.
Mihi.....7889.	Kate.....8109.	Bette.....8920.
Miki.....7890.	Kate.....8110.	Bette.....8921.
Mihi.....7891.	Kate.....8112.	Bette.....8922.
Mihi.....7892.	Kate.....8113.	
Mihi.....7893.	Kate.....8114.	Mineral Lease.
Mihi.....7894.	Kate.....8115.	Quartz Creek.
Mihi.....7895.	Kate.....8116.	14952.
Mihi.....7896.	Kate.....8117.	Lone Eagle, 14951.
Mihi.....7897.	Kate.....8118.	
Mihi.....8100.	Kate.....8119.	
Mihi.....8101.	Pitt.....8120.	
Mihi.....8102.	Pitt.....8121.	
Mihi.....8103.	Pitt.....8122.	
Mihi.....8104.	Pitt.....8123.	
Mihi.....8105.	Pitt.....8124.	
Mihi.....8106.	Pitt.....8125.	
Mihi.....8107.		
XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX	

All above noted mineral claims, Map No I T 348, Ft Steele mining division.

QUARTZ CREEK, AND LONE HOLE CROWN GRANTED M.C.

The two above noted Crown Granted mineral claims were held by one of the original owners until his death about 1961, at which time these claims reverted to the former owners estate, as the heirs to the estate neglected to pay the taxes the two claims in question reverted back to the crown.

1. The writer obtained a (21) year lease on the above noted mineral claims, October 15th 1963.
2. Over one thousand feet of trenching and stripping has since been done by the writer, in complying with assessment regulations, in the process of stripping, in a north-westerly direction from the top of the aforementioned "F" shaped trench, a large quartz vein has been uncovered.
3. On the assumption that this vein was running in a North-erly direction, a Punjar drill was brought in to drill holes across the vein, a total of (20) holes were drilled, and cutting samples were taken, assay returns were as follows, low (0.04) to (1.20) ozs of gold, one selected sample (2.04) ozs per ton.
4. The above mentioned holes were not over (3) feet in depth and were loaded and blasted, nice samples of Chalcopyrite, and Bornite were found, in the extreme North West corner of the vein.
5. Since that time additional claims have been staked until the entire groupe consists of (48) claims.

This group of claims, situated at the head waters of Saw-Mill Creek, a short tributary of Perry Creek, near Cranbrook an interesting discovery of quartz, mineralized with Gold-bearing Iron and Copper sulphides was made late in 1932, by Elmer Rice, and associates, of Kimberly. There are at least two massive quartz out crops on the property, the westerly showing lies up the hill from the camp at 6,400 feet elevation and averages 50, to 75 feet in width, its continuity has been fairly well established for several hundred feet in length by two series of trenches, and numerous outcrops. Sampling of this showing indicates the quartz to be auriferous but of to low grade to be commercial.

About 600 feet to the East, and down the hill from this massive showing, and separate from it by a stock or dyke of diorite, is the second and most important of the showings. Here the owners have completed a 150 foot trench in the shape of a "T", and while insufficient work has been done to positively determine the attitude of the quartz outcrop disclosed it would appear that the top of this "T" shaped trench (105) feet long has been made along the dip of the vein which here apparently lies almost confirmably with the mountain slope, and dipping into it slightly.

Careful channel sampling along the length of this trench has established a value of slightly over (0.25) ozs per ton for the (105) foot length of the trench, one section of (20) feet length in this (105) foot length, where surface oxidation is most pronounced, and from which free specimens were obtained, assayed over (1) oz of Gold per ton.

The short (45) foot trench to the East of the center of the vein, the trench shows the vein to be cut off by a diorite stock, there is no evidence of constriction to the West for several hundred feet, and further prospecting will be required to indicate the dip and length and thickness of the quartz.

QUARTZ MOUNTAIN ~~XXXX~~ 1933 (page2)

the surface showings might be one of several parallel quartz veins such as was indicated in the Western showing, and this could best be tested by cross cutting into the hill either by tunneling or with a diamond drill, the occurrence is interesting and worthy of serious prospecting and preliminary development at least.

During 1933 several scouting engineers examined the ground, but to a recent date the owners had not concluded a satisfactory deal with any of the interested parties.

KIMBERLY CONSOLIDATED GOLDFIELDS, (page E 30)

The holdings of this recently incorporated company comprises thirty three claims all held by location, taken over from the Kimberly Goldfields Syndicate. The QUARTZ MOUNTAIN group described in the report of the Minister of Mines for (1933), constitutes the nucleus of the property to which more claims were added during (1934). The staked area covering brushy ground with scattered timber is at the head of Saw Mill Creek, a small tributary of Perry Creek, the main workings being located on the medium to steep mountain side sloping South Easterly towards the main valley. Access is by branch road, chiefly new construction (4.5) miles in length from the main Perry Creek road, which connects with Cranbrook, referring to the information published in (1933) subsequent work has been in connection with the large quartz showing in the "T" shaped trench at about 6,300 feet elevation, it has been apparent that the mineralization of economic interest strikes up the hill in a Northerly direction, closely following the approximation of the Greenstone dyke which is about (20) degrees West, the trench can best be described more closely as being (F) shaped its North South main section being represented

KIMBERLY CONSOLIDATED GOLDFIELDS (page 3)

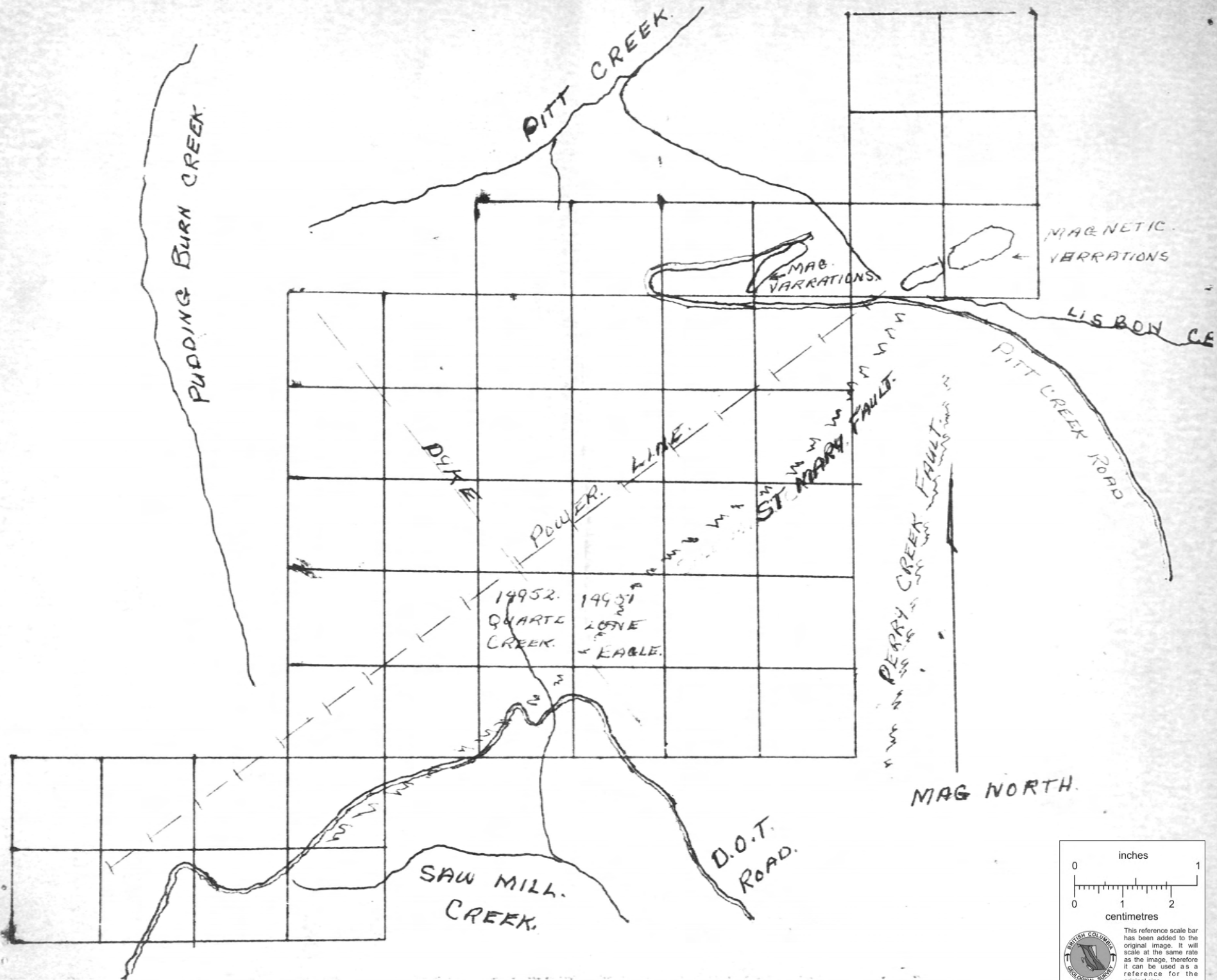
by the upright bar and the two extensions to the East completing the letter, the dyke was encountered in the Northerly of the two Easterly sections where a shaft was sunk (8) feet below the bottom of the trench, the quartz appears to occur in a banded structure adjoining the dyke to the West, occasional chalcopyrite, bornite, was found with scattered pyrite, in the surface oxidized material.

The results of sampling done in (5) foot sections along the main trench, on the assumption that this working crosscut the deposit were given in the Minister of Mines Report for (1933) two samples of oxidized and, sulphide material respectively were taken to ascertain the gold content of the types specified, selected oxidized material assayed (1.88) ozs gold per ton, (0.8) Silver ozs per ton. Selected sulphide (pyrite) assayed (0.34) gold per ton, with Silver (1) oz per ton.

in 1934

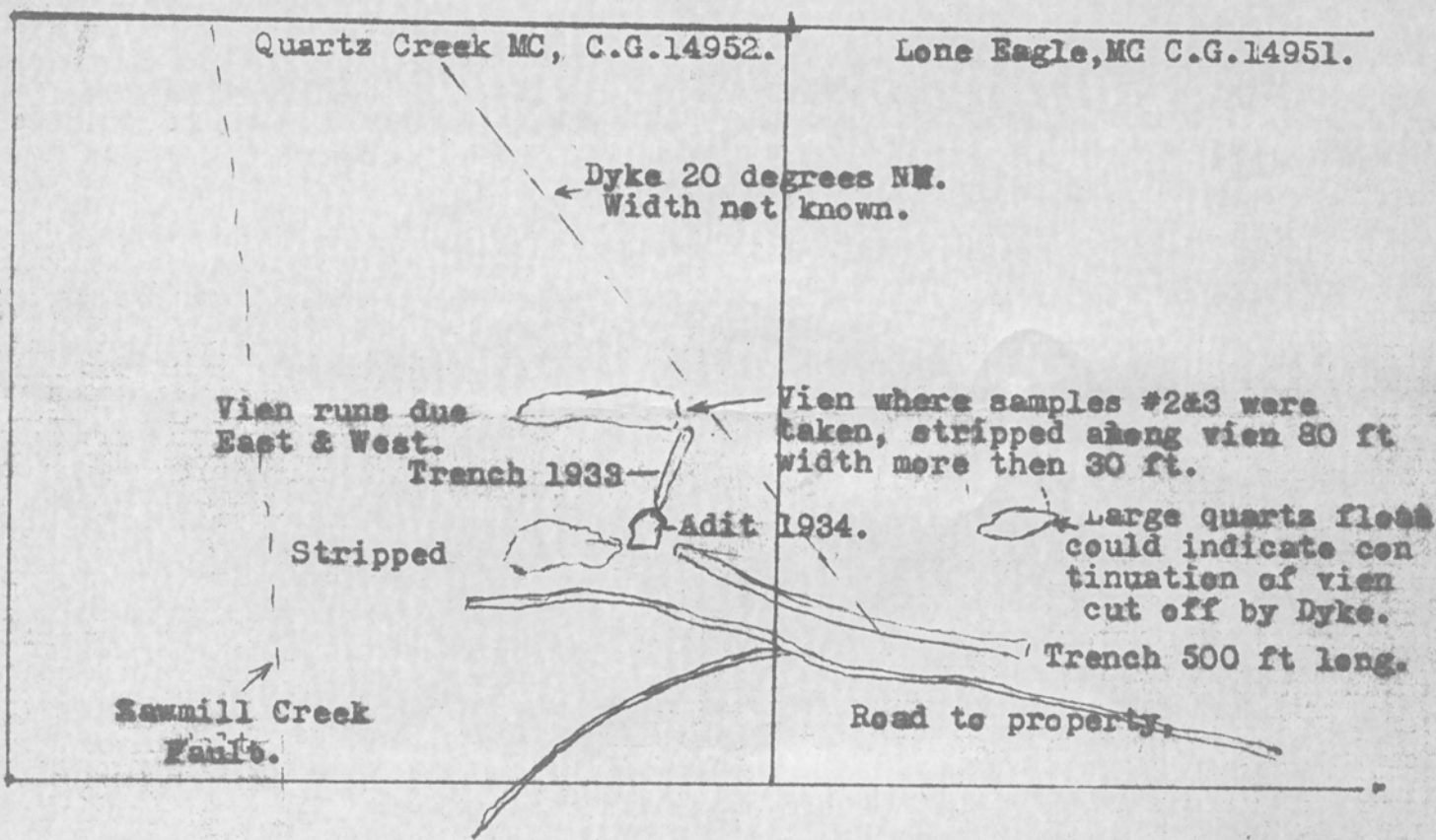
To determine the structure of the deposit eleven diamond drill holes, aggregating (650) feet were put down from the surface with a Boyles X-Ray drill, this was done under the direction of, Mr L.E. Drummond mining engineer in charge, these holes were distributed over a length of (300) feet according to this authority the drilling indicates a mineralized zone over (100) feet wide, this was traced down the hill to the South, and a (6) By (7) foot drift adit was started at about (6,200) foot elevation to develop the ground below the "F" shaped trench, this working is in about (100) feet at the time. The adit has just entered sulphide ore, similar to that in the surface workings, containing encouraging values, in grading a road to the stable, quartz has been ~~exposed~~ exposed through out a length of (500) feet the upper end of this section being about (400) feet south of the adit site, a portable gas compressor has been installed at the adit portal and improvements at the camp below includes, office, cook and bunk houses, and assay office.

A

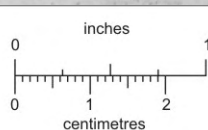


inches
 0 1
 centimetres
 0 1 2
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Mgg North



Two key claims held by long term lease, lease obtained 1963. all in good standing, more then 800 ft of trenching, 110 ft of stripping, old adit is colapsed. Over burden approximately 5 ft deep, elevation 6400 ft.



BRITISH COLUMBIA
GEOLOGICAL SURVEY

This reference scale bar has been added to the original image. It will scale at the same rate as the image, therefore it can be used as a reference for the original size.

82-G-5 - PROPERTY SUBMITTED

Quartz Creek

C.O. Anderson