

520166

Bridesville/  
Kuhn

82E/3E

DRILLING ON BRIDESVILLE DEPOSIT, 1977

BRIDESVILLE, B.C.

INTRODUCTION

The Bridesville deposit is a sedimentary deposit of chert-like quartz which was expected to contain excessive amounts of calcium. Because of its favorable location vis a vis Rock Island and its relatively large size, 250,000 tons plus, the property was drilled.

The Triple G Corporation, of Spokane, Wa., were engaged to core drill the property. A series of short vertical holes were planned on a rectangular grid pattern. The drill contractor experienced much difficulty with the equipment; mechanical failure plagued the project and only four short holes were completed in the time allotted for the program. The first hole was collared in overburden and it penetrated a large fracture in the quartz; no core was obtained and the hole was abandoned. The third hole was collared in the wallrock and was designed to penetrate through the "greenstone" hangingwall and into the quartz. Mechanical problems with the drill forced the abandonment of the hole before the quartz was reached. The other two holes were collared in quartz and a total of eighty feet of core was obtained from these two holes. The program began on 25th April and was completed by 3rd June.

PROGRAM RESULT

The two vertical holes that penetrated the quartz were both shallow; #2 was stopped at 30 feet and #6 was stopped at 49.5 feet. Neither hole reached the bottom of the quartz deposit; Holes #2 and #6 have provided good core samples for testing the quality of the rock but have provided very little information regarding the size of the deposit.

The core assays clearly show that the calcium, although erratically distributed, is pervasive in the deposit and is in excess of Hanna's specifications.

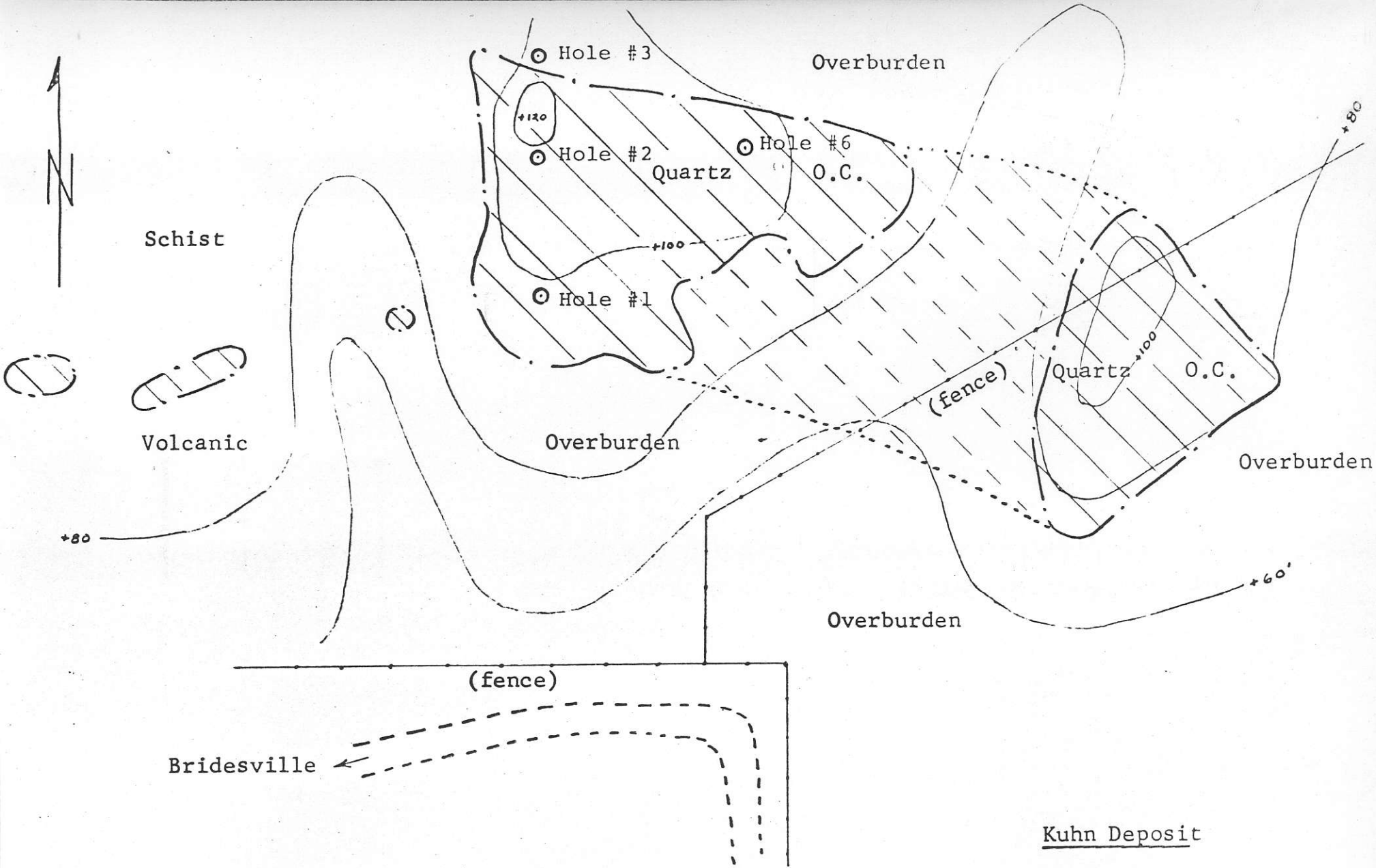
SUMMARY OF HOLES

<u>Hole</u>	<u>O.B.</u>	<u>Qtz</u>	<u>Other</u>	<u>Comments</u>
1	0-2'	Nil	18'	Hole penetrated large, soil and boulder filled fracture. No core returned.
2	Nil	30	Nil	Cherty quartz
3	Nil	Nil	12'	Greenstone
6	Nil	49.5	Nil	Cherty quartz

1st Dec. 1977



A. R. Bullis, P.Eng.



Kuhn Deposit

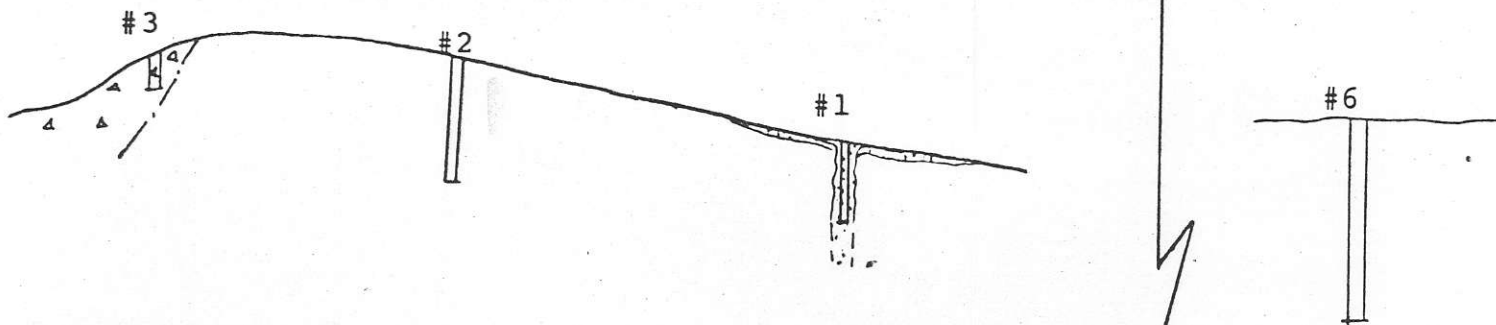
BRIDESVILLE, B.C.

Scale: 1 in. to 100 ft.

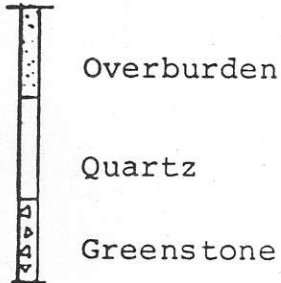
: 1 cm. to 12 meters

North

South



LEGEND



KUHN QUARTZ DEPOSIT

Bridesville, B.C.

Scale 1 to 600

Bullis Eng. Ltd.

Dec. 1977

Bridesville, Hole #6, Core Assays

<u>From - to</u>	<u>SiO2</u>	<u>Fe2O3</u>	<u>CaO</u>	<u>Al2O3</u>	<u>LOI</u>
0 -5 ft	99.66	.09	.055	.05	.05
5 -10	99.74	.07	.027	.03	.09
10-15	99.67	.07	.013	.03	.10
15-20	99.71	.07	.046	.03	.06
20-25	98.37	.10	.476	.07	.07
25-30	99.34	.13	.084	.08	.11
30-35	98.90	.11	.287	.07	.00
35-40	99.58	.10	.070	.06	.00
40-45	99.58	.09	.101	.04	.02
45-49.5	99.75	.07	.021	.04	.00

Bridesville, Hole #2, Core Assays

<u>From -to</u>	<u>SiO2</u>	<u>Fe2O3</u>	<u>CaO</u>	<u>Al2O3</u>	<u>LOI</u>
0-5 ft	95.82	.16	.53	.03	.09
5-10	98.00	.17	.64	.03	.10
10-15	99.50	.12	.039	.03	.06
15-20	99.52	.07	.032	.02	.08
20-25	99.31	.06	.43	.03	.05
25-30	99.65	.05	.017	.03	.09

# DIAMOND DRILL RECORD

PROPERTY Kuhn Silica, Bridesville HOLE NO. 1

SHEET NUMBER 1

SECTION FROM 0 to 18 ffo

STARTED 1st May 1977

LATITUDE \_\_\_\_\_

DATUM (See attached plan)

COMPLETED \_\_\_\_\_

DEPARTURE \_\_\_\_\_

BEARING \_\_\_\_\_

ULTIMATE DEPTH 18ft.

ELEVATION 95 ft above datum

DIP Vertical

PROPOSED DEPTH \_\_\_\_\_

DEPTH FEET	FORMATION	SAMPLE No	WIDTH OF SAMPLE	GOLD \$	SLUDGE GOLD \$		
0 to 18 ft.	No core. Drill penetrated wide vertical fracture filled with soil and overburden.						
	End of Hole 18 ft.						

WESTERN MINING PATENT STANDARD FORM NO. 501

DRILLED BY \_\_\_\_\_ SIGNED \_\_\_\_\_

# DIAMOND DRILL RECORD

PROPERTY Kuhn Silica, Bridesville HOLE NO. 2

SHEET NUMBER 1 SECTION FROM 0 TO 15 STARTED 9th May 1977

LATITUDE \_\_\_\_\_ DATUM \_\_\_\_\_ COMPLETED \_\_\_\_\_

DEPARTURE \_\_\_\_\_ BEARING \_\_\_\_\_ ULTIMATE DEPTH 30.1 ft.

ELEVATION 115 ft above datum DIP Vertical PROPOSED DEPTH \_\_\_\_\_

DEPTH FEET	FORMATION	SAMPLE NO	WIDTH OF SAMPLE	GOLD \$	SLUDGE GOLD #
0' to 5'	Fine-grained, almost amorphous cream to light grey qtz. Almost no iron. Hair fractures may contain lime? Core has been ground. Longest piece is 2.5 in, shortest is ½". Medium is 1". Rock does not appear to be fractured.	#1	4.5'		
5' to 10'	Core as above. Slightly better condition, less grinding. Longest is 5", shortest ½". Medium is 2".	#2	4.0'		
10 to 15'	Core as above mainly, with some very fine grained sections that contain opalescent to translucent quartz. Fine fracture contain carbonate? Some fine-grained black mineral in fractures, may be graphite or moly? Also very fine pyrite in spots in black material. Core ranges from 4" to ½". Average 2". Appears massive.	#3	4.5'		

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SIGNED \_\_\_\_\_



# DIAMOND DRILL RECORD

PROPERTY Kuhn Silica, Bridesville HOLE NO. 2

SHEET NUMBER 2 SECTION FROM 15 TO 30 STARTED \_\_\_\_\_  
 LATITUDE \_\_\_\_\_ DATUM \_\_\_\_\_ COMPLETED \_\_\_\_\_  
 DEPARTURE \_\_\_\_\_ BEARING \_\_\_\_\_ ULTIMATE DEPTH 30.1 ft  
 ELEVATION 115 ft above datum DIP \_\_\_\_\_ PROPOSED DEPTH \_\_\_\_\_

DEPTH FEET	FORMATION	SAMPLE NO	WIDTH OF SAMPLE	GOLD \$	SLUDGE GOLD \$
15 to 20	Core as above, with less of the impurities. Very little iron stain in any of the core. Core appears massive with few fractures. Longest piece is 4", shortest 1/2". Medium is 2". Core is ground by drill.	#4	4.5+		
20 to 25	Core as above, very-fine grained; few narrow fractures may have carbonate. Very little iron stain to nil. Rock is massive. Longest piece is 11", shortest 1/2". Medium is 4". One very white section of '4' near 24.5'.	#5	5.0		
25 to 30	Fine grained quartzite, white to purplish gray. Fractured normal to core. Shortest 1", Largest 2". Acid test indicates no carbonate.	#6	3.5		
	End of Hole 30.1 ft.				

# DIAMOND DRILL RECORD

PROPERTY Kuhn - Bridesville

HOLE NO. 3

SHEET NUMBER 1 SECTION FROM 1 TO 10 ft STARTED 3rd May 1977

LATITUDE \_\_\_\_\_ DATUM \_\_\_\_\_ COMPLETED \_\_\_\_\_

DEPARTURE \_\_\_\_\_ BEARING - Vertical ULTIMATE DEPTH 30.1 ft.

ELEVATION 115 ft above datum DIP \_\_\_\_\_ PROPOSED DEPTH \_\_\_\_\_

DEPTH FEET	FORMATION	SAMPLE No	WIDTH OF SAMPLE	GOLD \$	SLUDGE GOLD \$
0 to 10'	"Greenstone", Fine-banded greenish volcanics, with some purple to red (narrow) sections. Banded at Core angle $35^{\circ}$ . Chloritic and schistose in part. Some calcite in partings and fractures. Very minor sulfides, pyrite?				
	End of Hole 10 ft.				

# DIAMOND DRILL RECORD

PROPERTY Bridesville HOLE NO. # 6

SHEET NUMBER 1 SECTION FROM 0 TO 49.4 STARTED 15th May 1977  
 LATITUDE \_\_\_\_\_ DATUM \_\_\_\_\_ COMPLETED \_\_\_\_\_  
 DEPARTURE \_\_\_\_\_ BEARING \_\_\_\_\_ ULTIMATE DEPTH 49.4 ft.  
 ELEVATION 100 ft above datum DIP -90 PROPOSED DEPTH \_\_\_\_\_

DEPTH FEET	FORMATION	SAMPLE NO.	WIDTH OF SAMPLE	GOLD \$	SLUDGE GOLD \$
.0 to .5	No Core				
.5 to 10.6	White to blue-grey, fine-grained quartz. Some fractures, at C.A. 35" to 50" ( ) Large - 9", Short 2", Med. 6". Acid test - Neg. No iron.		10		
10.6-14.0	Blue-grey f.g. qtz. More fractures at C.A. 70° and C.A. 35-40. Large - 10", Short. 1", Med 6".		3.4		
14 to 24	White to blue-grey, fractures increase. Acid test - Neg. Large 7" Small 1" Med. 4". No Fe.		8.5		
24 to 30	As above. Core broken due to vert fractures Clay in seams. Acid test - Neg. Slight Fe in clay seams, none in rock. Large, 7", Small ½", Med. 1½". Some fine, dark impurity.		6.0		
30 to 40	Blue-grey qtz, with fine-dark impurity. Core "broken" at 32' and 38' due to fractures. Large 9", Short ½", Med. 6". Acid test- Neg. No Fe.		9.5		
40 to 49.4	White to Grey f.g. qtz. Vuggy fractures at C.A. 20°. Core "broken" along fractures.		9		

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# DIAMOND DRILL RECORD

PROPERTY Bridesville HOLE NO. #6

SHEET NUMBER \_\_\_\_\_ SECTION FROM \_\_\_\_\_ TO \_\_\_\_\_ STARTED \_\_\_\_\_  
 LATITUDE \_\_\_\_\_ DATUM \_\_\_\_\_ COMPLETED \_\_\_\_\_  
 DEPARTURE \_\_\_\_\_ BEARING \_\_\_\_\_ ULTIMATE DEPTH \_\_\_\_\_  
 ELEVATION \_\_\_\_\_ DIP \_\_\_\_\_ PROPOSED DEPTH \_\_\_\_\_

DEPTH FEET	FORMATION	SAMPLE NO.	WIDTH OF SAMPLE	GOLD \$	SLUDGE GOLD \$
	No Fe . Large 10", Small 1½", Med. 6-7".				
	End of Hole 49.4 ft.				

DRILLED BY .....

SIGNED .....