

84-#871 - 12796
6/85

REPORT

DIAMOND DRILL HOLE C-1-83

CEDAR 3: 207(6) & CEDAR 4: 715(7)

FORT STEELE MINING DIVISION, B.C.

40 UNITS

49°-24'N - 115°-15'W

24-6-83 : 23-12-83

N.T.S. 82G/6

Alfred R. Allen ^{P. Eng.}

**GEOLOGICAL BRANCH
ASSESSMENT REPORT**

August 27, 1984.

12,796

For: R.H. Stanfield
350 - 4723 1st. Street S.W.
Calgary, Alberta
T2G 0A1

By: Allen Geological Engineering Ltd.
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DIAMOND DRILL HOLE C-1-83
FORT STEELE MINING DIVISION
BRITISH COLUMBIA

CEDAR 3" 207(6) & CEDAR 4 : 715 (7)

INTRODUCTION

A core hole, formerly diamond drilled vertically to 152 metres on the Cedar 3 claim was deepened to 1059 metres.

The hole was drilled by contract with Bul River Mineral Corporation Ltd., using a Longyear #44 diamond drill and auxiliary equipment. The hole was first reamed clear to the bottom. It was then cored with N.Q.W. equipment for 378 metres. It was reduced to B.Q.W. and drilled for an additional 529 metres. The total drilling length is 907 metres.

LOCATION AND ACCESSIBILITY

The Cedar 3 claim is located 2.8 kilometres north of Galloway via the Fort Steele road.

Galloway is 50 kilometres southeast from Cranbrook via Highway #3.

The area is serviced by the Canadian Pacific Railway.

PROPERTY

Adjoining claims Cedar 3 and 4 constitute the Aspen 6 group.

<u>Claim</u>	<u>Record No.</u>	<u>Area</u>	<u>Expiration Date</u>
Cedar 3	207	20 Units	June 17, 1986
Cedar 4	715	20 Units	June 24, 1986



R.H. STANFIELD PROPERTY

LOCATION MAP

SCALE: 1" = 136 MILES

Drawn by 37/1-154	Dist.	ALLEN GEOLOGICAL ENGINEERING LTD.
Checked by L.H.	Org. no.	

GEOLOGY

The area is underlain by Precambrian rusty weathering dark grey to black argillite, argillaceous quartzite and quartzite of the Aldridge formation.

The C-1-83 diamond drill hole is located near the northend of a low ridge, 1.5 kilometres east of a major fault striking north-westerly along the east side of the Rocky Mountain Trench. The major Sand Creek fault is 2.5 kilometres to the south, where Aldridge is terminated against Mississippian limestone and black shale.

Keokuk
The Dean surface showings have been partially exposed on the ridge near the drill site.

DIAMOND DRILL HOLE C-1-83

The hole is collared in argillaceous quartzite which strikes north and dips 5 degrees west. Mineralized quartz veins have been partially exposed to the south and above the hole on the ridge.

Longyear #44 drilling equipment was used to ream the old hole to 152 metres. The vertical hole was then drilled, using N.Q.W. equipment to 378 metres, then with B.Q.W., an additional 529 metres.

The Aldridge strata are nearly flat and composed chiefly of thin-banded dark and light grey argillite to a depth of 955 metres. Fractures and thin veins contain pyrrhotite with lesser pyrite and chalcopyrite. A quartz-siderite-calcite vein was cored from 661 to 663 metres. Pyrrhotite with lesser pyrite and some chalcopyrite occur in the vein.

From 955 metres to 1059 metres the formation is composed of light grey fine-grained quartzite and argillaceous quartzite, dipping 20 to 25 degrees to the hole. This section could be upper Fort Steele formation.

CONCLUSIONS

Hole C-1-83 was drilled through Aldridge argillite and interbeds of argillaceous quartzite and mudstone from the surface at 945 metres above sea level to 114 metres below sea level.

A 2-metre quartz-siderite-calcite vein with pyrrhotite, pyrite and some chalcopyrite was intersected at 662 metres.

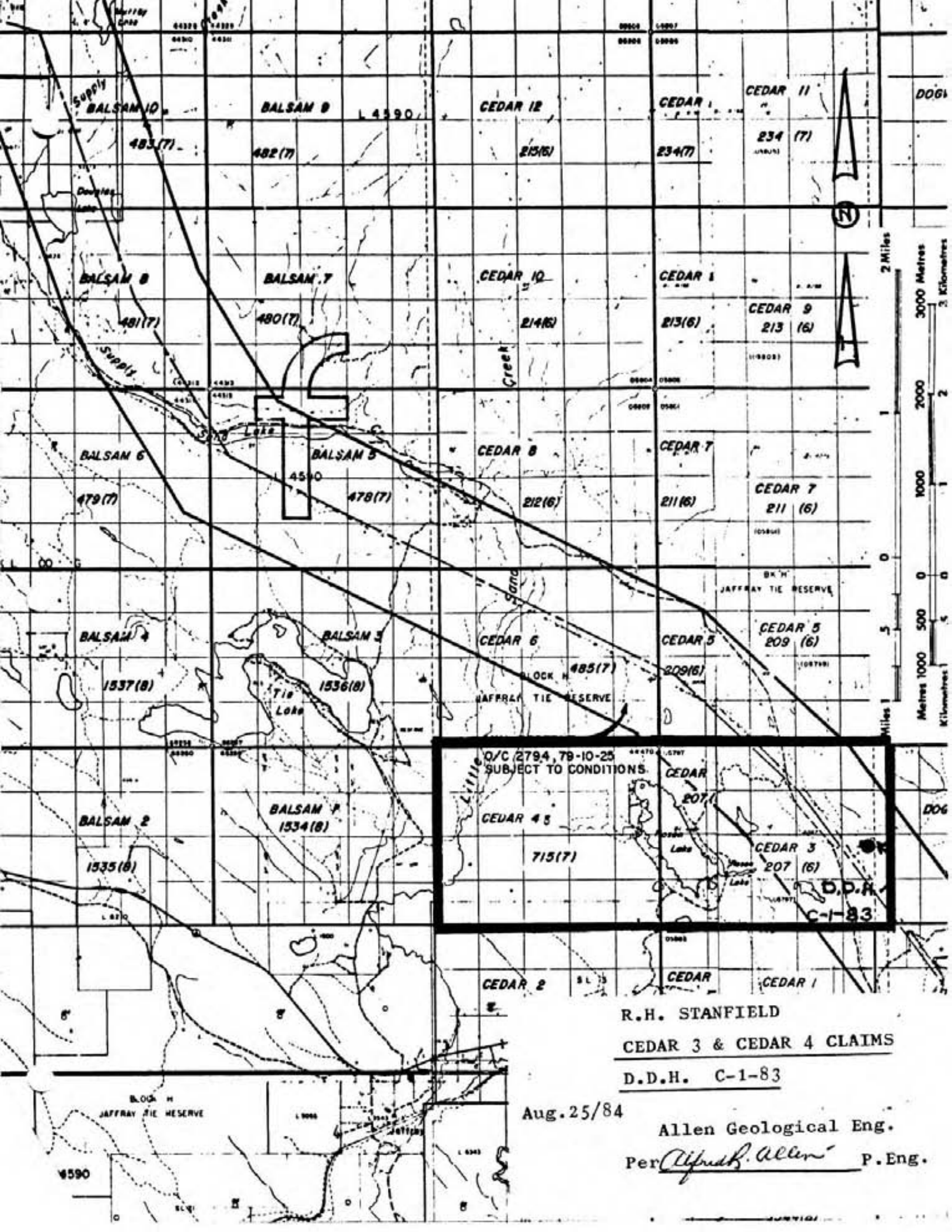
It is concluded that additional drilling at this location is not warranted.

Submitted by:

Allen Geological Engineering Ltd.

Per Alfred R. Allen P.Eng.
Alfred R. Allen

August 27, 1984



O/C 2794, 79-10-25
 SUBJECT TO CONDITIONS.

CEDAR 4 3
 715(7)

CEDAR 3
 207(6)

D.D.H.
 C-1-83

R.H. STANFIELD
 CEDAR 3 & CEDAR 4 CLAIMS
 D.D.H. C-1-83

Aug. 25/84

Allen Geological Eng.
 Per Alfred B. Allen P. Eng.

BUL RIVER MINERAL CORPORATIONCOSTS STATEMENT

CORE DRILL HOLE C-1-83

By Contract: \$116/m

June 24, 1983

To: R.H. Stanfield

December 23, 1983.

Location: Cedar 3 Claim Elevation 945m ASL

Direction: Vertical

Length: 907 Metres

Equipment: Longyear 44 Drill & all equipment - N.Q.W. & B.Q.W.
 Water lines and pumps
 3/4 ton Pick-up trucks

Crew: Driller: Joe Davis, Galloway, B.C.

Helper: Dennis Roach, Galloway, B.C.

Logged: Alfred R. Allen, P. Eng. West Vancouver
B.c.

Mobilization and demobilization

Board and room

Cleanup

Total costs: 907m @ \$116/m \$105,000.00

Assessment recorded Cranbrook, B.C.

Cedar 3 & 4-Group#6, 2 years,\$16,000.00

PAC \$89,000.00

D.D.H. C-1-83BUL RIVER MINERAL CORPORATION LTD.CONTRACTCEDAR #3

Map 82/G/6

Started: 24-6-83

Collar Elev. 945m, ASL

Finished: 23-12-83

Dip: 90°

Logged: Alfred R. Allen

Length: NQW 378m : BQW 529m

Drill: Longyear 44

LOG metres

<u>From</u>	<u>To</u>	<u>Description</u>
151.5	192	A, flat, S p-py, in thin fractures
192	241	A, " " " disseminated S, 1cm @ 60°
241	307	A, lighter grey, p-py " S, 5 cm
307	366	A, fractured, white veinlets, fine sericite, flat
366	444	A, darker, specks p-py, S, 5cm. ppy-chalco
444	469	A, black very fine-grained S, 2cm p-py
469	661	A, " " " " p-py in fractures
661	662.6	S, p-py, minor chalco
662.6	671	A, black flat
671	678	A, " fractured
678	719	A, " sheared and altered
719	914	A, " minor fracturing, dip, 25°
914	984	AQ, light grey, fine grained, dip 30°
984	1026	AQ, " " " "
1026	1043	AQ, " " S, 5 cm, narrow fractures
1043	1059	AQ, " " End of hole.

Notes:

A, Argillite-grey & black banded
 AQ, Argillaceous quartzite, light grey
 S, Narrow veins, quartz-siderite
 p, py, chalco, pyrite
 pyrrhotite
 chalcopyrite



BUL RIVER MINERAL CORPORATION LTD.

December 31, 1983

R.H. Stanfield,
GALLOWAY, B.C.

CORE DRILL HOLE CEDAR # 3

To:- Mobilization and Demobilization of Longyear 44, 1½ miles of supply water line and auxillary trucks and equipment including board and room for crew. Drill site clean up.

Drill Hole 500 feet to 3475 feet

Total:- 2975 feet

N.Q. Core 500 feet to 1740 feet

B.Q. Core 1740 feet to 3475 feet

Total:-\$105,000.00
