

82-#878-10891

11

REPORT

DIAMOND DRILL HOLE BR 1-82

STEEPLES 11 : 361(11) & STEEPLES 12 : 362(11)

FORT STEELE MINING DIVISION, B.C.

40 UNITS

11S - 50SE

4-2-82 : 11-2-82

Alfred R. Allen, P.Eng.

82G/bw, 11W

For:

R.H. Stanfield  
350 - 4723 1st Street S.W.  
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V5C 3T6

By:

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**GEOLOGICAL BRANCH  
ASSESSMENT REPORT**

10,891

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DIAMOND DRILL HOLE

BR 1 - 82

FORT STEELE M.D., B.C.

INTRODUCTION

BR 1-82 diamond drill hole was located on an electromagnetic conductor zone southeast of the Bull River concentrator, near the south boundary of Steeples #11 claim.

A Longyear 44 drill was used. The hole was cased to 11 metres and drilled an additional 113 metres using NQW equipment.

The recovered core is stored at the Stanfield camp.

PROPERTY

The Steeples 1-30 mineral claims are located north of Bull River and east of the Kootenay River.

On accompanying maps #2 and #3 of the Ministry of Energy, Mines and Petroleum Resources, the Steeples #11 361(11) and #12 362(11) are shown.

LOCATION AND ACCESSIBILITY

The Steeples claims group is located in the Fort Steele Mining Division and the Steeples #11 and #12 claims on the Bull River property approximately 5 kilometres northeasterly from the town of Bull River.

Road and rail access is available through Cranbrook and Fernie



|                                   |               |
|-----------------------------------|---------------|
| R.H. STANFIELD HOLDINGS           |               |
| <b>LOCATION MAP</b>               |               |
| SCALE: 1" = 136 MIs.              |               |
| Drawn by                          | Date 15-11-82 |
| Checked by C.H.S.                 | Org no.       |
| ALLEN GEOLOGICAL ENGINEERING LTD. |               |

*Alfred R. Allen*

GEOLOGY

The Steeples #11 and #12 claims area is underlain by Precambrian, Aldridge and Creston argillite, argillaceous quartzite and quartzite. The formations are well bedded. Folding and faulting is not extensive.

The Aldridge strata weathers brown to rusty red and the Creston weathers grey-green and purple.

Intrusives are limited to a few lamprophyre, diorite and granodiorite dikes.

Quartz-siderite veins contain pyrite, chalcopyrite, galena and sphalerite.

Disseminations and fracture fillings of pyrite and pyrrhotite occur throughout the bedrock.

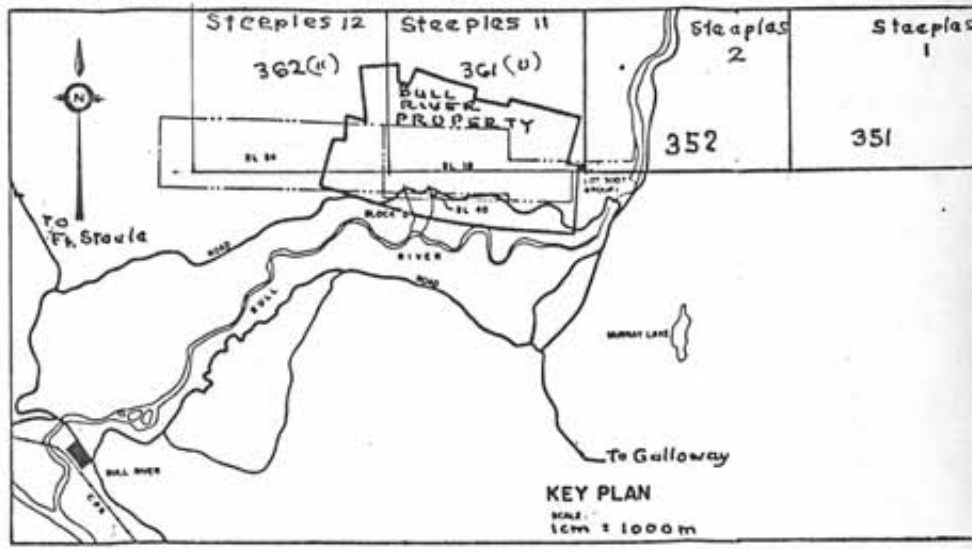
Concentrate from the Bull River mine included copper, silver and gold.

DIAMOND DRILL HOLE BR 1-82

The hole is located in an open area southwesterly from the concentrator near the corner of the Steeples #11 claim.

Bedrock was encountered at 6 metres and casing was set to 11 metres.

The hole was cored vertically an additional 113 metres through argillite and quartzite. Fractures, mud seams and thin



R.H. STANFIELD  
DIAMOND DRILL HOLE  
B.R. 1-82

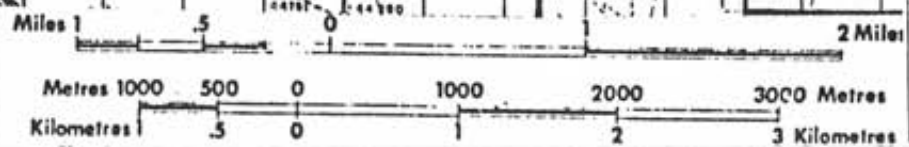
Nov. 15-82

Allen Geological Engineering

No. 2

Per Allen R. Allen P.E.

BC DEPT MINES  
 & PET. RES.  
 MAPS  
 82G  
 6W & 11W



3.

quartz-siderite veins are included in the core, along with disseminated pyrite, pyrrhotite and specks of chalcopyrite.

Core recovery was good and it is stored in the Stanfield camp.

CONCLUSIONS

Diamond drill hole BR 1-82 was completed February 11, 1982 near the Bull River mill on the Steeples #11 claim.

Fracturing and mud seams were intersected along with a series of narrow quartz-siderite veins mineralized with pyrite and chalcopyrite therefore sampling was not warranted.

Respectfully submitted,

ALLEN GEOLOGICAL ENGINEERING LTD.

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

STEEPLES 14

STEEPLES 13

STEEPLES

12  
362 (11)

STEEPLES

11  
361 (11)

STEEPLES 2

D.D.H.  
BR1-82



ASPEN 10

ASPEN 9

BALSAM 12

R.H. STANFIELD

D.D.H. BR 1-82

Scale: 1cm=250m

No 3 *Alfred R. Allen* P.Eng

Jan. 3 1983



COSTS STATEMENT

R.H. STANFIELD  
BULL RIVER PROPERTY  
DIAMOND DRILL REPORT

TO CHECK EM ANOMALY

D.D.H. BR 1-82

LOCATION

On Steeples #11 Claim : S.E. Corner

Start: 4/2/82

Finish: 11/2/82

Vertical  
Length 123.7m.  
Collar elevation 1040 m A.S.L.

DRILL

Longyear #44  
Core stored at Stanfield camp

COSTS

|   |              |
|---|--------------|
| NW Casing: 11m @ \$164/m                          | \$ 1,804.00  |
| NQW Core: 113m @ \$98.40/m                        | 11,119.20    |
| Site preparation, mobilization and demobilization | 1,286.80     |
|   | <hr/>        |
|   | \$ 14,210.00 |

CREW

|                         |                     |
|-------------------------|---------------------|
| T. Thomas               | Foreman             |
| A. Miguel               | Driller             |
| J. Davis                | Driller             |
| R. Thomas               | Helper              |
| V. Begstranel           | Helper              |
| B. Johnson              | Helper              |
| Alfred R. Allen, P.Eng. | Consulting Engineer |

Assessment recorded at Cranbrook Nov. 8/82

One year Steeples #11 and #12 \$8,000.00

P.A.C. credit \$6,210.00

*Alfred R. Allen.*

DDH #BRI-82  
 Longyear #44

Date:  
 Started Feb. 4/82  
 Completed Feb. 11/82

R. H. STANFIELD

Claim STEEPLES #11

Maps: NCS 82G/6  
 82G/11  
 M.Div: Ft Steele

Collar E. 1040 m ASL  
 Dip Vertical  
 Length 123.7 m

Core Stored: Mine Camp  
 Log. By: T. Thomas

Log: m

| From | To   | Description  |
|------|------|--|
| 0    | 6    | Overburden   |
| 6    | 9.5  | Grey quartzite   |
| 9.5  | 11.6 | Grey banded argillite, cubic pyrite in fractures               |
| 11.6 | 30   | Grey quartzite, bands of black argillite, blebs pyrite         |
| 30   | 37.5 | Banded argillite and quartzite, pyrrhotite and pyrite          |
| 37.5 | 43   | Steep fractures in grey quartzite, specks of pyrite            |
| 43   | 43.4 | Quartz-siderite vein 5 cm at 45°                               |
| 43.4 | 43.7 | Fractured argillite  |
| 43.7 | 46.3 | Strong fracturing  |
| 46.3 | 47   | contorted argillite 7 cm mud                                   |
|      | 49.6 | " " 7 cm mud   |
|      | 54   | Quartz-siderite vein, narrow, wall rock fragments              |
|      | 55   | " " " 3 cm   |
| 55   | 58   | Black argillite, Quartz-Siderite vein 3 cm                     |
| 58   | 86   | Fractured, minor quartz  |
| 86   | 92   | Strong fractures - specs of pyrite and chalcopyrite            |
| 92   | 104  | Black argillite, minor fractures, some pyrite and chalcopyrite |
| 104  | 113  | Black argillite, 1.5 cm pyrite vein                            |
| 113  | 117  | Black argillite, 1 cm. pyrite vein                             |
| 117  | 124  | Black argillite  |
|      |      | <u>End Of Hole</u>   |
|      |      |  |
|      |      |  |
|      |      |  |
|      |      |  |

*Alfred R. Allen*