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'80 #1003 -
#8695

REPORT

DIAMOND DRILL HOLE BR 1-80

ASPEN 9: 787 (10) and ASPEN 10: 788 (10)

FORT STEELE MINING DIVISION, B.C.

82 G/bw

49°29'N 115°24'W

40 UNITS

115 - 50SE

3-8-80 : 28-9-80

Ff

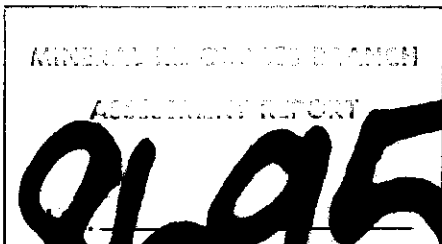
For:

R.H. Stanfield
260 Three Calgary Place
Calgary, Alberta.

By:

Allen Geological Engineering Ltd.
202 - 2025 Bellevue
West Vancouver, B.C.

November 30, 1980.



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DIAMOND DRILL HOLE

BR 1-80

ASPEN 9 & 10 CLAIMS

INTRODUCTION

A drill site was prepared over an electromagnetic anomalous zone near the southeast corner of Steeples 11 claim and drilled onto the northeast corner of the Aspen 9 claim.

The hole was cased for 6.7 metres to bedrock and drilled for 195 metres with NQW equipment. It was then reduced to BQW equipment for an additional 1350 metres.

Seven dip tests were made.

The top 966 metres were drilled on the Steeples 11 claim.

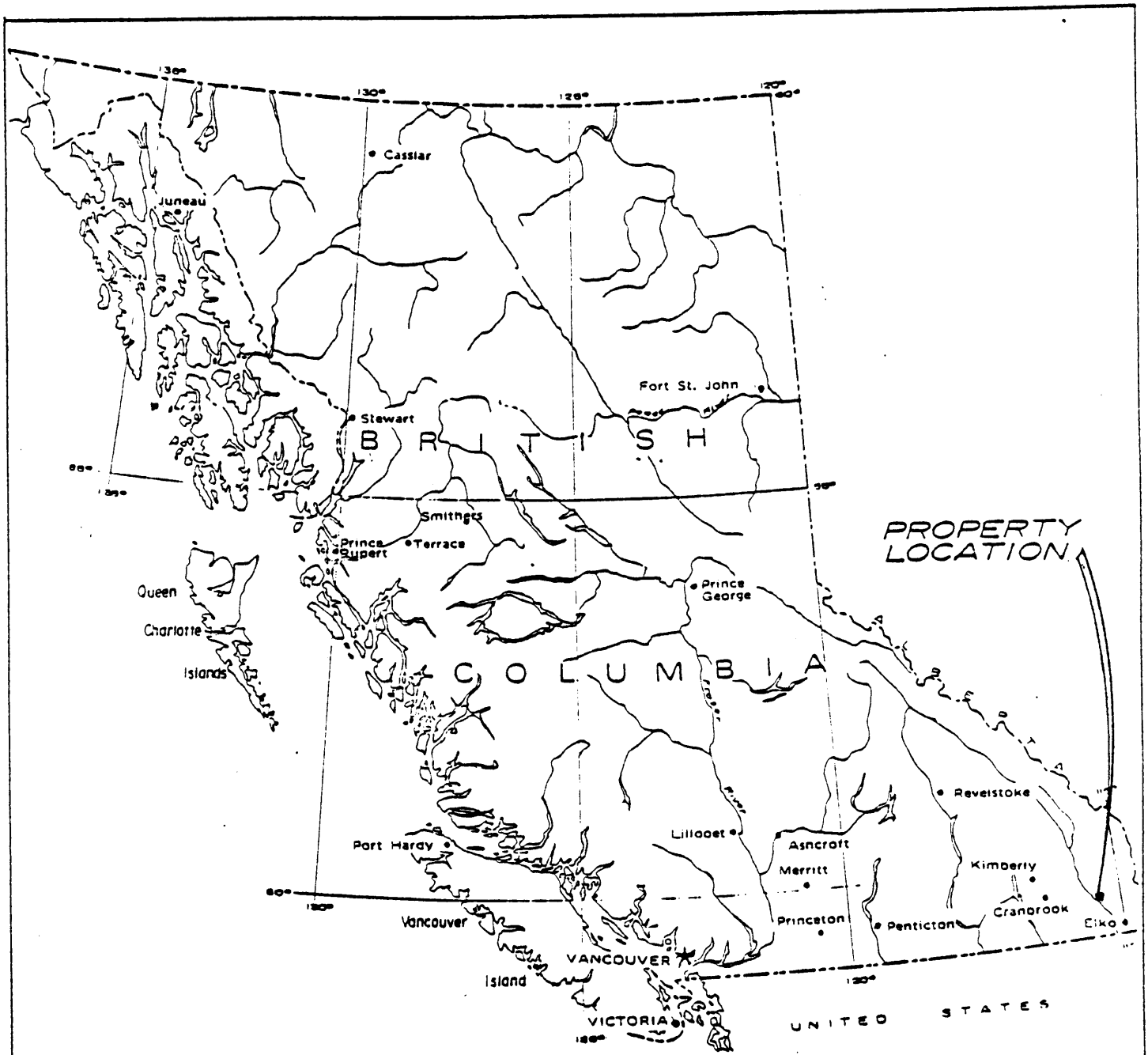
The hole was continued onto the Aspen 9 claim. The last 369 metres is on that claim and the hole was bottomed at a depth of 1345 metres vertically below the surface.

LOCATION AND ACCESSIBILITY

The Aspen 9 and 10 claims are located in the Fort Steele Mining Division overlying the south boundary of the Bull River property.

The northeast corner of the Aspen 9 claim is 500 metres northwesterly from the Bull River bridge.

Access is southeasterly from Fort Steele and northwesterly from Galloway.



PROPERTY LOCATION

R.H. STANFIELD HOLDINGS

LOCATION MAP

SCALE: 1" = 136 MIs.

Drawn by Date 30/11/80

Checked by Drg no.

ALLEN GEOLOGICAL ENGINEERING LTD.

AKA

CLAIMS

The Aspen 9 and 10 claims overlie part of the southern Bull River mine property.

The recorded date of the claims is October 18.
Map 4 herewith includes parts of Ministry of Mines and Petroleum Resources Maps 82 G/ 6W and 14W.

GEOLOGY

The area is underlain by Precambrian Aldridge and Creston argillite, argillaceous quartzite and quartzite. The Aldridge is characterized by rust- to red-weathering and the Creston by green, purple and grey weathering.

The strata are well bedded and minimal folding and faulting are evident. The strata are intruded by a few diorite and lamprophyre dikes.

Mineral exposures include quartz-siderite veins with pyrite, chalcopyrite, galena, pyrrhotite and detectable gold and silver.

DRILL HOLE BR 1-80

The hole was collared near a secondary road near the east boundary of ML 69 of the Bull River mine property.

It is directed at 190 degrees azimuth.

The original dip was minus 70 degrees but seven dip tests down the length of the hole recorded a gradual flattening at depth.

STEEPLES 12
362 (11)

STEEPLES 11
361 (11)

ASPEN 10
788 (6)

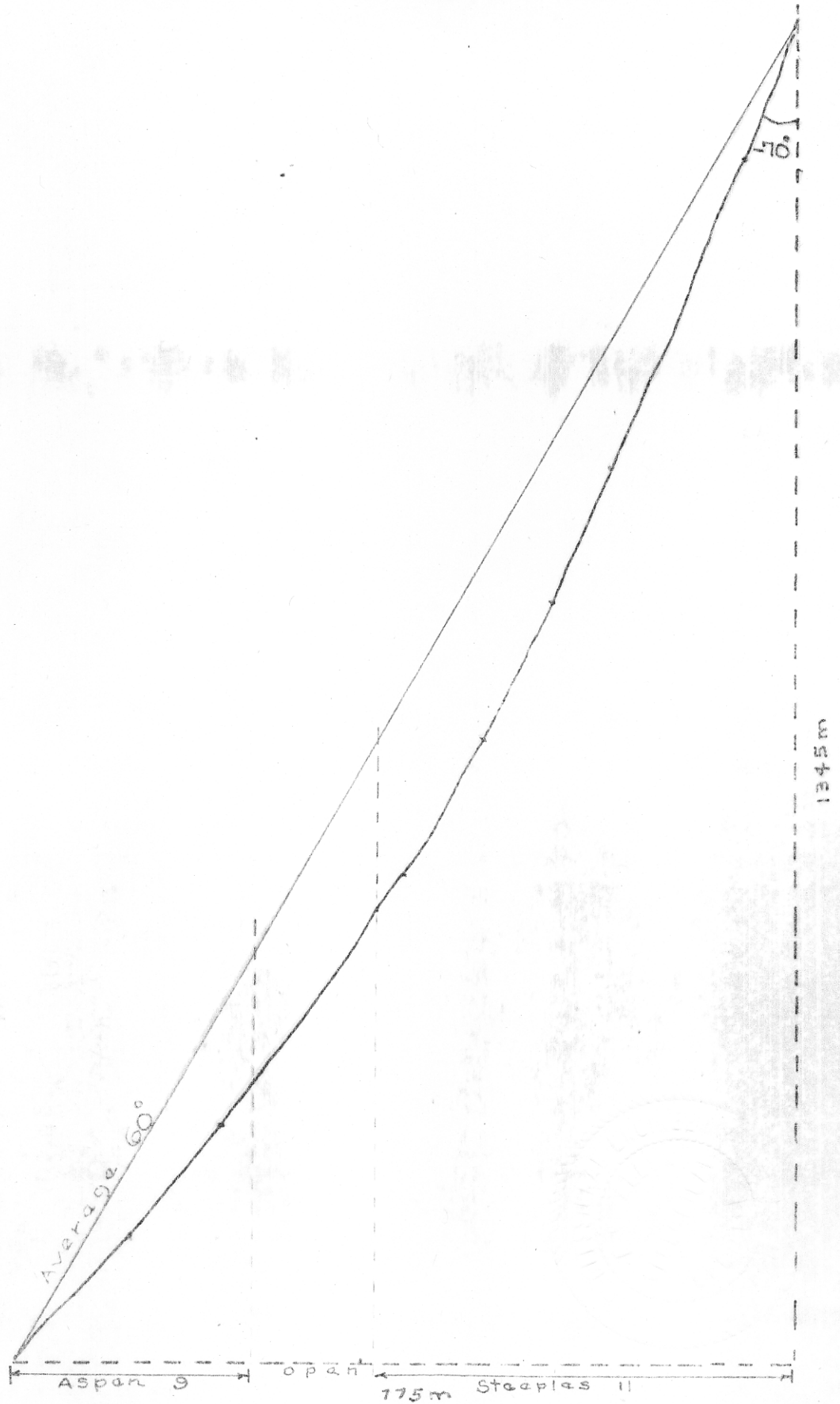
ASPEN 9
787 - 10

NOV 69
-70
BRI-08

Nov. 15 1980
From BC. Map: B2G/6W & 11W.

R.H. STANFIELD
DD. H. BRI-80
SCALE 1cm=250m

To Accompany Report 510
1/10/80



134.5m

Vertical Section

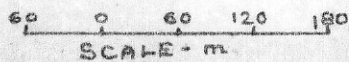
R. H. STANFIELD

PROPERTY

D. D. H. BR-1-80

Scale 1cm=60m

DIP TESTS •



№ 3

To Accompany Report: NOV 15/80
Alfred B. Allen

The accompanying Map 3 shows a vertical section through the hole and an average dip of close to 60 degrees.

The costs on the statement herewith are for the bottom 379 metres of hole on the Aspen 9 claim.

Core recovery was above 95%.

The core is stored at the Stanfield camp.

CONCLUSIONS

The diamond drill hole was located close to the Bull River mine property.

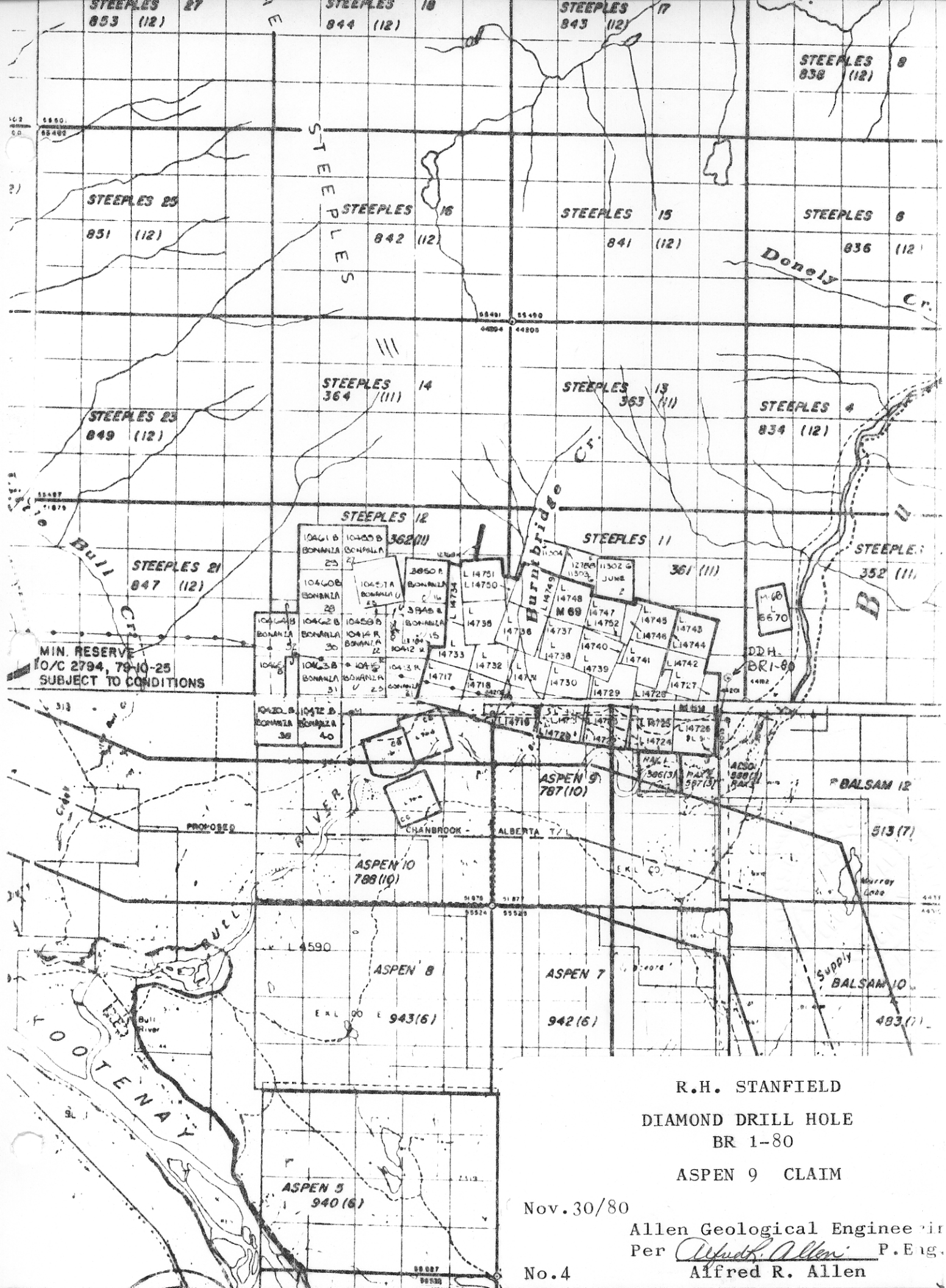
Sheared and altered zones were encountered along with quartz-siderite and quartz-calcite stringers and veins; and associated pyrite, pyrrhotite, chalcopyrite, bornite and galena.

The grade, by megascopic examination, is low and no samples were taken.

Respectfully submitted,

ALLEN GEOLOGICAL ENGINEERING LTD.

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



R.H. STANFIELD

DIAMOND DRILL HOLE
BR 1-80

ASPEN 9 CLAIM

Nov. 30/80

Allen Geological Engineer
Per *Alfred R. Allen* P. Eng.

No. 4

Alfred R. Allen

COSTS STATEMENT

R.H. STANFIELD

BULL RIVER AREA

DIAMOND DRILL REPORT

ASPEN GROUP 1

TO CHECK EM ANOMALY

BR 1-80

Azimuth 190 degrees
Dip -70 degrees
Length 966 - 1545 m to and on Aspen 9 claim

Start: 19-6-80
Finish: 28- 9-80

LOCATION

NE Aspen 9 claim
Collar elevation 1090 m A.S.L.

DRILL

Longyear 38

COSTS

BQW Core: 369 metres @ \$129/m	\$ 47,600.00
4x4 pickup 46 days @ \$25/day	1,150.00
4x4 water truck 3 ton @ \$100/day (46 days)	4,600.00
Accommodation 5 men 46 days @ \$35/day	8,050.00
	<hr/>
	\$ 61,400.00

LABOUR

T. /Thomas	Foreman
T. Miguel	Crew
M. Warring	"
M. Kerrigan	"
A. Tracy	"
B. Skene	"
D. Roach	"
J. Tataryn	"
Consulting Engineer	Alfred R. Allen.

Assessment recorded Cranbrook 16-10-80
Aspen 9 & 10 , 2 years \$13,000.00 PAC \$47,000.00

Alfred R. Allen

R. H. STANFIELD
DIAMOND DRILL LOG

DDH BR 1-80 Aspen 9 CLAIM

PROPERTY
STANFIELD

COLLAR
ELEVATION: 1073 m ASL.

DRILL Longyear 38 START: Aug. 3/80
ANGLE -70° COMP. Sept. 28/80

LOG
FROM 966 to 1545 m.

From TO
Metres

966	975	m ^{966 Fracturing} Light grey A. 973-975 "
975	997	Light grey A. x bedding, Calcite & quartz stringers, pyrrhotite, Chalcopyrite, Bornite
997	1032	A.Q. 1007.2 Quartz vein 5" blebs of Chalcopyrite & galena 1021-1030 beds of quartzite
1032	1047	Grey A. pyrite, pyrrhotite & chalcopyrite in fracture fillings 80° to core axis
1047	1087.5	Grey A. some sulphides 1060 Quartz vein - 3" 15° to core axis
1087.5	1114	Banded A. Pyrrhotite & Chalcopyrite in fractures 1113 heavy fracturing
1114	1289	Quartz vein 3" Grey banded A.
1289	1294	1292-1293 strong fracturing
1294	1308	fine-grained light grey quartzite 1303-1306 strong fracturing
1308	1344	A.Q. Disseminated blebs of pyrrhotite & bornite 1331 Quartz-siderite vein
1344	1386	Grey A. some fractures contain pyrrhotite & chalcopyrite 1359-1360.5 quartz-siderite vein @ 45° to core axis, "
1386	1401	Grey & black A. 2' bedding quartz-siderite veinlets
1401	1414	A.O.
1414	1450	Grey A. fracture fillings & blebs of pyrrhotite and some chalcopyrite
1450	1545	A.Q. finely disseminated pyrrhotite & chalcopyrite End OF HOLE

ON ASPEN 9
309m

LEGEND

- A. is argillite
- A.Q. is argillaceous quartzite
- qtz. is quartzite.

Alfred R. Allen