

82 - 236 - 10304

REPORT

ON

DIAMOND DRILLING PROGRAMME

R.H. STANFIELD PROPERTY

FORT STEELE M.D., B.C. 82 G/bw

49° 27' 115° 17'

HOLES 1-79, 2-79, 3-79, 4-79, 5-79, A 2-80

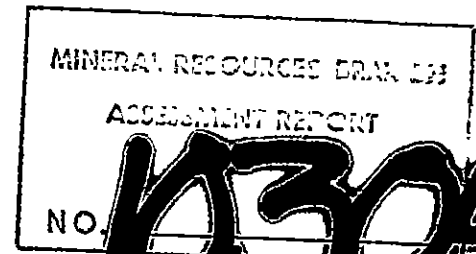
ON

CEDAR #8 - 212(6) and CEDAR #10 - 214(6)

CLAIMS

4-5-79 : 5-11-79 : 3-11-80

Alfred R. Allen, P.Eng.



For:

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

By:

Allen Geological Engineering Limited
202 - 2025 Bellevue
West Vancouver, B.C. V7V 1B9

May 1, 1982.

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REPORT
DIAMOND DRILLING

R.H. STANFIELD

FORT STEELE M.D. B.C.

INTRODUCTION

Investigations by Ronka 16 electromagnetic and magnetic surveys on Little Sand Creek drainage area of #4 Mountain resulted in the detection of conductor and anomalous zones.

Six diamond drill holes were completed on and near the favourable zones.

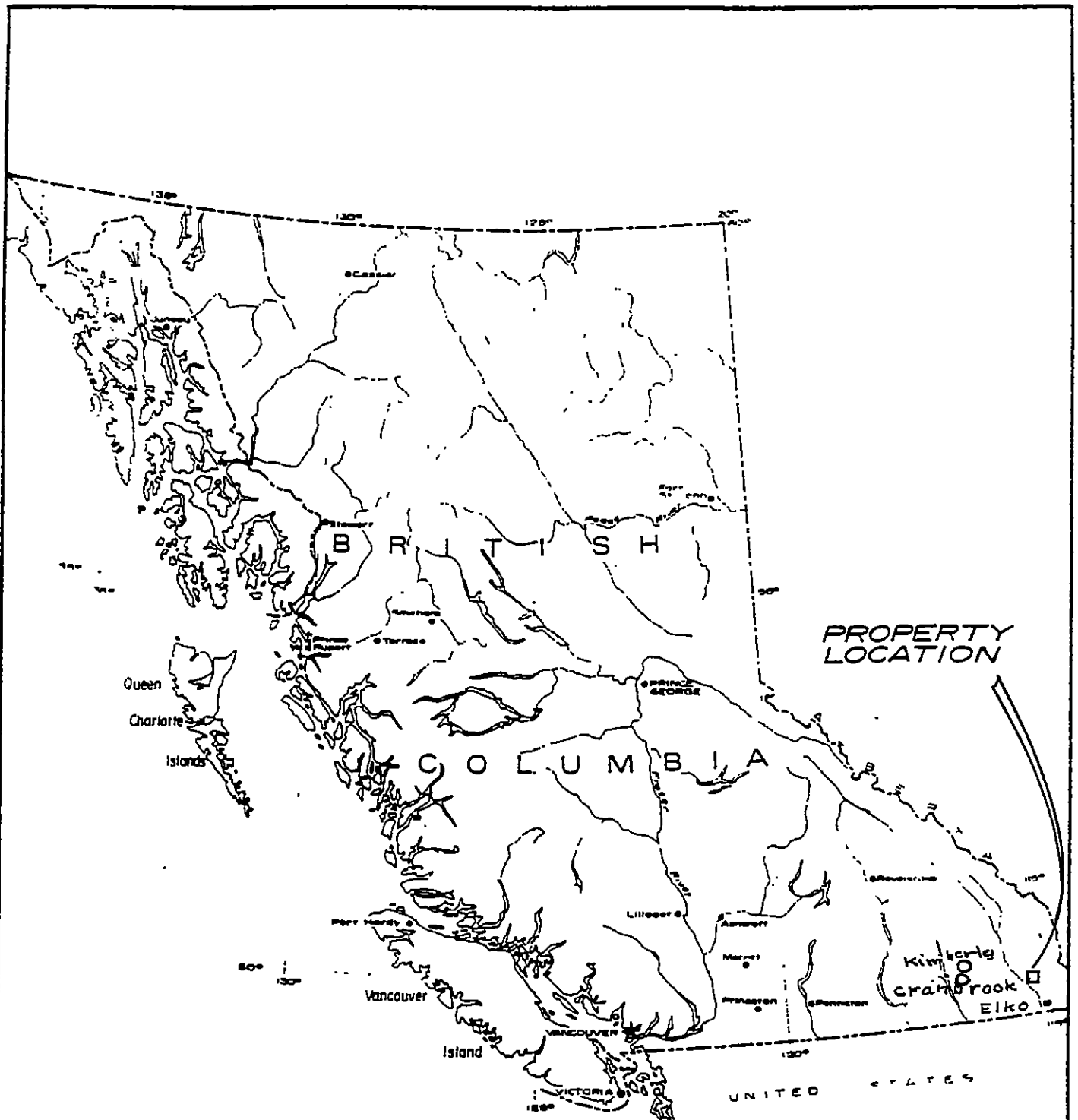
The core was acquired from the surface at 1,225 metres above sea level to 96 metres above sea level.

Core recovery was in excess of 90%.

LOCATION

The Stanfield holdings are located in the Fort Steele Mining Division and extend from the Rocky Mountain Trench easterly to the Elk River, about 16 kilometres, and from Iron Creek south to Sheep Mountain a distance of 25 kilometres.

The Cedar 8 and 10 claims are centrally located on the property. Holes 4 and 5 are near the access road up #4 Mountain and the adit tunnel on the "G" zone, 1, 2 and 3 holes are a short distance up Little Sand Creek on a branch road.



R.H. STANFIELD PROPERTY		
LOCATION MAP		
SCALE: 1" = 136 Miles		
Drawn by	Dgts 25/4/82	ALLEN GEOLOGICAL
Checked by	Drg no.	ENGINEERING LTD.

CLAIMS

Diamond drill holes 1, 2 and 3 - 1979 are located in the southeast quarter of Cedar 10-214(6).

Holes 4, 5 and A 2-80 are located in the northeast quarter of Cedar 8-212(6)

GEOLOGY

The Stanfield property is located in a large area of Precambrian sediments comprising the Aldridge, Creston and Kitchener formations.

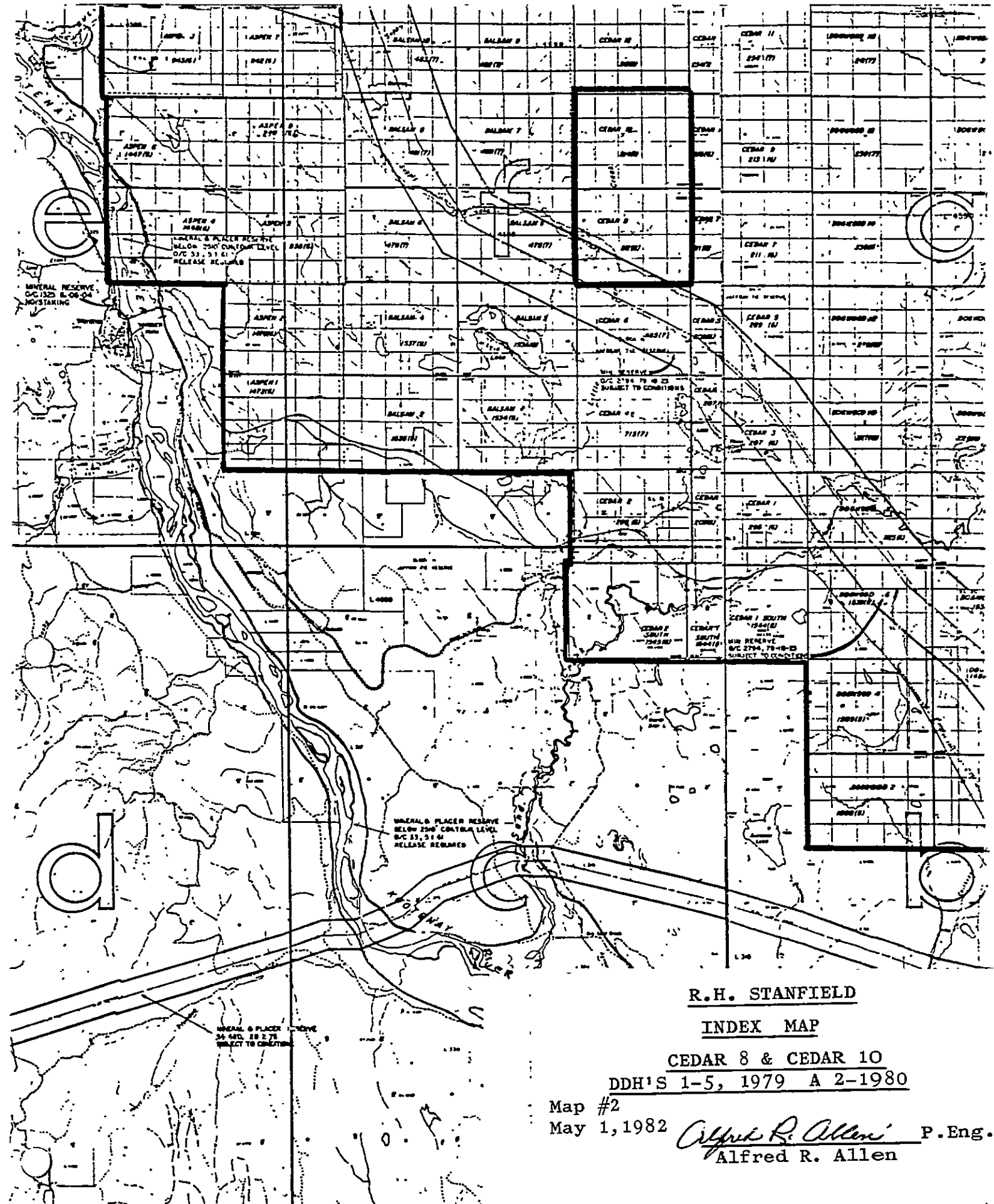
The Aldridge strata are chiefly argillite, argillaceous quartzite and quartzite with minor bands of siltstone. Red weathering is common and most of the known mineral deposits of the East Kootenay region occur in this formation.

The overlying Creston formation is composed mainly of argillite, argillaceous quartzite, quartzite and some interbeds of siltstone. It is characterized by green, purple and brown weathering.

The Kitchener is a dolomitic formation with bands of argillite and quartzite with dark brown weathering and rough "dog-tooth" surface in places.

The general strike of the strata in the vicinity of the subject claims is northwest and the dip 10 to 30 degrees northeast.

No intrusives outcrop on the two claims but there is a granitic dyke a short distance to the east.



R.H. STANFIELD

INDEX MAP

CEDAR 8 & CEDAR 10
 DDH'S 1-5, 1979 A 2-1980

Map #2

May 1, 1982

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

49° 15' N
 TO 5475 000 MAP 02 013 W
 DEPARTMENT OF MINES AND PETROLEUM RESOURCES

115° 14' W
 1:50,000
 0 1000 2000 3000 4000 5000
 METERS
 0 1000 2000 3000 4000 5000
 FEET
 UNLESS SHOWN AS OTHERWISE, THE MAP PORTION OF A LEGAL SURVEY MAP IS BASED ON THE MEASURED DISTANCE, AND NOT THE REPRESENTATIVE, ONLY TO THE SURVEY OF THE CHAIN SURVEY DISTANCE.
 DATE OF REVISION 82/01/14

A major fault lies along the east side of the Rocky Mountain Trench, south of and below the drill sites.

Subsidiary cross-faulting crosses Little Sand Creek some distance above the drilled area. This, and other faults, bring Creston and Mississippian strata into contact with the Aldridge.

To date, all the sulphide mineralization known to occur in the area, occurs in the Aldridge formation.

The 6 drill holes have penetrated upper and probably middle Aldridge strata.

Within all rock types there are disseminations fracture-fillings, very thin strata stringers, quartz veins and quartz-siderite veins carrying pyrite and pyrrhotite, along with minor chalcopryrite and limited blebs of galena.

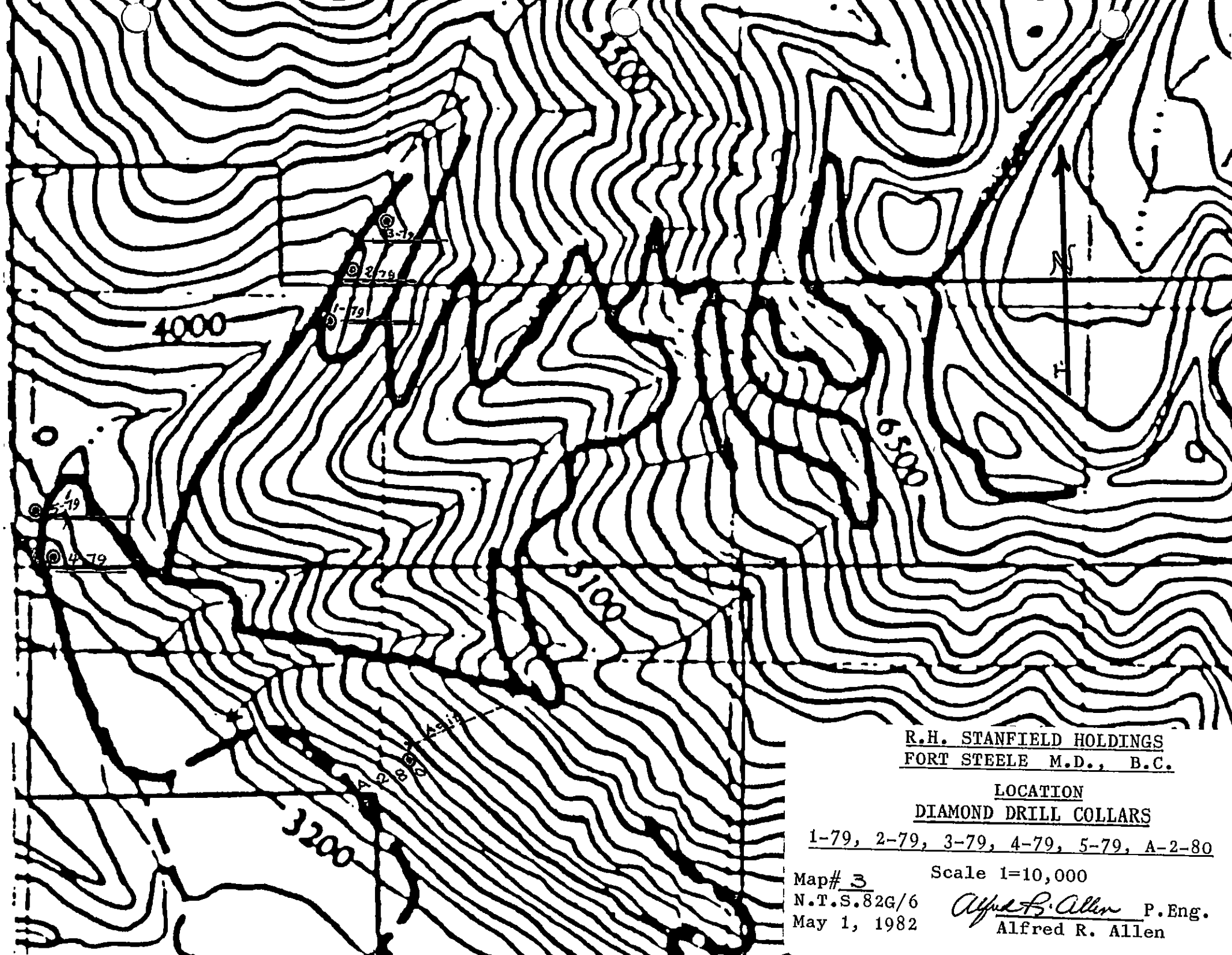
This mineralization has been examined megascopically, but no sections have warranted sampling.

DIAMOND DRILL PROGRAMME

The conductor zone indicated by ground Ronka 16 electromagnetic survey is strong. An anomalous zone was also detected with a magnetometer survey of the area.

All the drill holes encountered similar material, mainly pyrite and pyrrhotite in stringers of quartz and quartz siderite and veins of the same composition from a few millimetres to thirty centimetres thick. Chalcopryrite and galena occur as scattered specks and blebs.

Logs and cost estimates are included with this report.



R.H. STANFIELD HOLDINGS
FORT STEELE M.D., B.C.

LOCATION
DIAMOND DRILL COLLARS

1-79, 2-79, 3-79, 4-79, 5-79, A-2-80

Map# 3
N.T.S.82G/6
May 1, 1982

Scale 1=10,000

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

CONCLUSIONS

The 6 holes drilled in the lower Little Sand Creek area of #4 Mountain during the 1979 season are vertical.

They penetrate Aldridge argillite, argillaceous quartzite, quartzite and siltstone. The bedding is black to grey and banded throughout except for some quartzite bands which vary from light grey to almost black and contain flakes of white mica. Turbulent deposition and cross-bedding is common.

Pyrite, pyrrhotite, minor chalcopyrite and isolated blebs and specks of galena occur throughout the lengths of the holes.

Thin quartz and quartz-siderite stringers and veins lie at many attitudes. Fracture fillings, strata veins, as well as disseminations of sulphides occur throughout the strata. They are in the range of a few millimetres to thirty centimetres in thickness.

It is concluded that the near-surface pyrite and pyrrhotite mineralization provided the electromagnetic and magnetic response.

The stratigraphic, structural and mineralogical information acquired by the drilling will be coordinated with the planned acquisition of additional data from the property and will be of assistance in the long term programmes of exploration and development.

Respectfully submitted,

ALLEN GEOLOGICAL ENGINEERING LIMITED

Per Alfred R. Allen P.Eng.

Alfred R. Allen

West Vancouver, B.C.

May 1, 1982.

REFERENCES

- | | | |
|--|---|---------|
| Schofield, S.J. | G.S.C., Cranbrook Map-Area, Mem 76, | 1915 |
| Rice, H.M.A. | G.S.C., Nelson Map-Area East Half,
Mem 228 | 1941 |
| Leech, G.B. | G.S.C. Fernie Map-Area, Paper 58-10 | 1958 |
| Macdonald, B.C. | Altemont Exploration Company Ltd. | 1965&66 |
| Allen, Alfred R. | Altemont Exploration Company Ltd. | 1967 |
| Cooke, D.L. | Galloway, B.C., Property, | 1972 |
| Dundas, T.R.B. | Galloway Area, Magnetic Survey | 1973 |
| Allen, Alfred R. | Altemont Exploration Company Ltd.
(R.H. Stanfield Holdings) | 1967 |
| Allen, Alfred R. | The R.H. Stanfield Holdings | 1973 |
| Allen, Alfred R. | The Bull River Copper-Silver-Gold Mine | 1976 |
| Allen, Alfred R. | Preliminary Report on the Strathcona-
Empire Fissure Vein System | 1976 |
| British Columbia Minister of Mines, Annual Reports, since 1898 | | |

* * * * *

APPENDIX

D.D.H. # 1-79
 LONGYEAR #44
R.H. STANFIELD

Date: April 28/82
 Started: May 4/79
 Completed: July 23/79

CLAIM: CEDAR 10

COLLAR E: 1,176.5 m A.S.L.
 DIP: 90°
 LENGTH: N.Q. 968 B.Q. m

MAP: NCS 82G/6
 M. DIV.: Ft. Steele
 CORE STORED: Mine Camp
 LOG. BY: Alfred R. Allen

LOG: M

FROM	TO	DESCRIPTION
0	1.8	Overburden
1.8	38.5	Altered, oxidized. A dip 5° - 18° 3.6cm veins of quartz
38.5	85.0	A flat, 10 thin viens of Q, Pyrite cubic blebs, bed fractures
85.0	99.0	A & grey quartzite, scattered cubic pyrite
99.0	168.0	A & quartzite bands, 18 thin quartz veins, pyrite, veins dip 70°
168.0	182.5	A, 4 quartz veins-pyrite cubic blebs, 1.3 m fractured zone
182.5	240.00	Quartzite, 17 thin quartz veins, 4 thin quartz-siderite veins, veins mostly in bedding planes, some 45° to 70° dips - pyrite
240.0	271.5	A cross bedding, turbulence, 2 narrow quartz veins, pyrite
271.5	424.0	Quartzite, A, 17 narrow quartz veins, pyrite, pyrrhotite, speck of galena, minor chalcopyrite, bornite (?) Fracturing
424.0	635.0	A & Quartzite, shearing at 440,533, 545, 555, 571 - mostly steep, pyrite, pyrrhotite, chalcopyrite, bornite (?) mostly in narrow quartz & quartz - siderite veins
635.0	841.0	A - bedding 6 to 30 cm, 7 narrow quartz veins and 3 narrow quartz siderite veins, bands of silty, fine-grained mudstone, siltstone 726-738, 748-781 Chalcopyrite increasing from 799-803, disseminated pyrite, pyrrhotite, chalcopyrite
841.0	968.0	A, some fine-grained mudstone bands, pyrite, pyrrhotite, minor chalcopyrite, 893-986. Fine grained, dark quartzite, pyrrhotite, specks of chalcopyrite.
		End of Hole
		Note: A - Argillite, grey and banded

D.D.H. # 2-79
LONGYEAR #38
R.H. STANFIELD

Date: April 28/82
Started: Aug. 2/79
Completed: Sept 7/79

CLAIM: CEDAR 10

COLLAR E: 1,194.8 m A.S.L.

DIP: 90°

LENGTH: N.Q. 916 m

MAP: NCS 82G/6

M. DIV.: Ft. Steele

CORE STORED: Mine Camp

LOG. BY: Alfred R. Allen

LOG: M

FROM	TO	DESCRIPTION
0	3.9	Overburden
3.9	143.8	Banded quartzite, Minor A Fractured at 67 and 123.5 - 126 blebs of pyrite at 123.5 - 126, pyrite, minor chalcopyrite A and mudstone
143.8	251.4	Quartzite with disseminated sericite, pyrite, quartz-siderite vein, quartz vein, 234 medium fracturing, dark grey quartzite, pyrite, quartz healing fracture zones
251.4	330.0	Narrow beds of black fine-grained siltstone. At 280 quartz-siderite narrow veins, steep dips, light grey quartzite with blebs of pyrite, 284-304 black fine-grained quartzite with large blebs of pyrite
330.0	395.0	Light grey quartzite, 5 narrow, 2 steep quartz veins, pyrite, at 381 quartz-siderite-vein, at 386 strong fracturing & quartz-siderite steep vein
395.0	473.0	Dark grey fine-grained quartzite, shearing at 45° at 457, pyrite
473.0	594.0	Some quartzite, to 583, 8 quartz-siderite veins, pyrite, specs of chalcopyrite, veins 10 cm and less
594.0	686.0	Quartzite, 6 narrow quartz-siderite veins, one at 672 is 0.6 m wide
686.0	916.0	Quartzite, some siltstone bands, 1 quartz-siderite vein, one quartz vein, pyrite
		End of Hole
		Note: A - Argillite, grey and banded

D.D.H. #A 2-80
 LONGYEAR #44
R.H. STANFIELD

Date: April 28/82
 Started: Sept. 27/7980
 Completed: Nov. 13/7980

CLAIM: CEDAR #8

COLLAR E: 1,158 m A.S.L.

DIP: 90°

LENGTH: 1,068 m

MAP: NCS 82G/6

M. DIV.: Ft. Steele

CORE STORED: Mine Camp

LOG. BY: Alfred R. Allen

LOG: M

FROM	TO	DESCRIPTION
0	26.0	Light Grey A, fractured, quartz vein 3.8 cm, at 40° to hole
26.0	153	At 28 - quartz-siderite vein @ 10° to hole
		At 33 - quartzite - 37 strong fracturing, 37 quartz-siderite vein
		49 - 40 strong fracturing, 63 - 69 strong fracturing
		71 argillaceous quartzite, scattered blebs pyrite & pyrrhotite
		109 fractured, pyrite & pyrrhotite. Fracturing 130 - 133 and
		150 - 153
153	473	Quartzite - blebs of pyrite, 164 - 5 cm gouge, 179 A, 179 strong
		fracturing, 194 2 cm quartz vein, 60° to core,
		198 - 215 fractured, pyrite, 238 strong fracturing
		365 quartz vein, pyrrhotite, pyrite at 45° to core
		Alternate A and quartzite, several thin quartz veins, pyrite
473	546	496, 3 narrow quartz veins, 70° to core, 502-527 - 5 quartz vein
546	829	A grey, 579-606 strong fracturing, 580-581 ground core,
		disseminated pyrrhotite, specks of chalcopyrite, 709-822
		fracturing, 946 A dark grey, minor sulphides, fracturing
829	1068	A dark grey and fracturing at 832-960 fracturing
		972 altered quartzite, pyrite, and pyrrhotite in fractured
		fillings
		End of Hole
		Note: A - Argillite, grey and banded

D.D.H. # 3-79
 LONGYEAR #44
R.H. STANFIELD

Date: April 28/82
 Started: Aug. 7/79
 Completed: Sept. 22/79

CLAIM: CEDAR 10

COLLAR E: 1,225 m A.S.L.
 DIP: 90°
 LENGTH: 1,129 N.Q. m

MAP: NCS 82G/6
 M. DIV.: Ft. Steele
 CORE STORED: Mine Camp
 LOG. BY: Alfred R. Allen

LOG: M

FROM	TO	DESCRIPTION
0	21.0	Overburden
21.0	90.0	A to 39, dark grey quartzite, quartz-siderite veins one 6cm - 45° dip, massive pyrite at 90 fracturing
90.0	195.0	Quartzite, at 101 gouge 3 cm, at 145 quartz vein with galena, 5 quartz-siderite narrow veins at 45°, pyrite, heavy fracturing at 162, 4 quartz-siderite narrow veins in quartzite
195.0	323.0	Quartzite, narrow A beds, pyrite, 14 quartz-siderite veins 2-40 cm
323.0	400.0	All 60° to 70° dip pyrite to 400
400.0	598.0	Dark fine-grained quartzite, pyrite and pyrrhotite, quartz-siderite vein, 9 thin quartz-siderite veins, steep, 507-542, 8 quartz-siderite veins, pyrite and pyrrhotite blebs. Strong fracturing 586 to 596
598.0	910.0	Dark fine-grained quartzite, 643 fracturing, pyrite, pyrrhotite quartz veins on bedding planes, 727 strong fracturing and 830, 908 strong fracturing, pyrite, pyrrhotite, chalcopryrite
910.0	924.0	A Pyrite, pyrrhotite lenses in bedding planes
924.0	1129.0	Dard fine-grained quartzite pyrite, pyrrhotite and specs of chalcopryrite - steep fracturing. Fractures quartz-filled
		End of Hole
		Note: A - Argillite, grey and banded

D.D.H. # 4-79
LONGYEAR #38
R.H. STANFIELD

Date: April 28/82
Started: Sept. 8/79
Completed: Oct. 9/79

CLAIM: CEDAR 8

COLLAR E: 1,073 m A.S.L.

DIP: 90°

LENGTH: B.Q. 915 m

MAP: NCS 82G/6

M. DIV.: Ft. Steele

CORE STORED: Mine Camp

LOG. BY: Alfred R. Allen

LOG: M

FROM	TO	<u>DESCRIPTION</u>
0	5.0	Overburden
5.0	18.0	A fractured S oxidized
18.0	31.0	Dark fine-grained quartzite, cubic pyrite in bedding planes
31.0	69.0	A pyrite, fracturing at 34.7 and 46-57, cubic pyrite
69.0	158.0	A & dark quartzite, pyrite, 45 cm quartz-siderite vein with large bleb of galena - dip 10°, strong fracture zones 142-191 and large blebs and cubes of pyrite, many quartz-siderite stringers
158.0	265.0	Grey A, fracturing, pyrite, 4 thin quartz-argillite veins in grey quartzite, fracture zone at 229, quartzite, pyrite
265.0	372.0	Dark fine-grained quartzite, pyrite, pyrrhotite
372.0	510.0	Quartzite, thin quartz-siderite veins, pyrite, pyrrhotite and specks of chalcopyrite, strong fracturing 448-451, bands of fine-grained black siltstone 509
510.0	580.0	Light grey quartzite, blebs & dissementations of pyrite, 8 quartz-siderite veins up to 5cm - steep dips
580.0	900.0	Dark fine-grained quartzite, quartz-siderite veins on bedding planes with pyrite, pyrrhotite, specks of chalcopyrite, 9 thin quartz-siderite veins
900.0	915.0	Light grey quartzite, pyrite and pyrrhotite to 908, dark grey fine-grained quartzite - fracturing
		End of Hole
		Note: A - Argillite, grey and banded

D.D.H. # 5-79
LONGYEAR #44
R.H. STANFIELD

Date: April 28/82
Started: Sept. 28/79
Completed: Nov. 5/79

CLAIM: CEDAR #8

COLLAR E: 1,100 m A.S.L.

DIP: 90°

LENGTH: 1001 m

MAP: NCS 82G/6

M. DIV.: Ft. Steele

CORE STORED: Mine Camp

LOG. BY: Alfred R. Allen

LOG: M

FROM	TO	DESCRIPTION
0	5.0	Overburden
26.5	202.0	Interbeds of A & quartzite, 4 quartz-siderite veins 43.6 - 75.0 and 1 at 90.0, 6m of siltstone, 120-152, 11 quartz-siderite veins, 168-183 strong fracturing, 189-190.5 massive pyrite, 2 veins of quartz-siderite
202.0	233.0	Contorted A and quartzite
233.0	545.0	250 - 255 strong fracturing, same 276 - 282 with quartz-filled hairline fractures, quartz veins at 297 and 309, 5 quartz-siderite veins 321 - 374 and 2 siltstone beds, all in quartzite. 380 - 532 Quartzite, pyrrhotite, pyrite specs of chalcopyrite, in light grey quartzite. 415 - 545 eight quartz-siderite veins, 2 beds of siltstone
545.0	1001	-579 grey quartzite and black siltstone, pyrite and pyrrhotite with blebs of chalcopyrite, 591 - 641, 5 bands of quartzite with with 5 quartz-siderite veins, 613 - 617 strong fracturing
		End of Hole
		Note: A - Argillite, grey and banded

DIAMOND DRILL HOLE 1-79

OWNER

R.H. Stanfield

DRILL Longyear #44 N.Q.W. ANGLE 90°

START: May 4/79

COMPLETION: July 23/79

LOCATION

Fort Steele M.D.
Cedar #10 Claim
N.T.S. 82G/6

COLLAR ELEVATION

1,176.5 m. a.s.l.

COSTS STATEMENT

Casing, 87.9 m @ \$132/m	\$ 1,043.00
BQ: drilled, 692m @ \$99/m	65,508.00
NQ: drilled, 270m @ \$82.50/m	22,275.00

Accommodation:

3 men 67 days @ \$35/day	7,035.00
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Supervision: T. Thomas, 67 days @ \$60/day	4,020.00
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Truck, 4x4, 3/4 ton, 67 days @ \$30/day	2,010.00
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Bulldozer, HD 16, 10 hours, @ \$45/hr	450.00
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Consulting Engineer, A.R. Allen,	1,500.00
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\$103,841.00

Crew: Sam Lipsett
Denis Roach
John Valli
Wm. Sigurdson

DIAMOND DRILL HOLE 2-79

OWNER

R.H. Stanfield

DRILL Longyear #38 B.Q.W. ANGLE 90°

START: Aug. 2/79

COMPLETION: Sept. 7.79

LOCATION

Fort Steele M.D.
Cedar #10 Claim
N.T.S. 82G/6

COLLAR ELEVATION

1,195 m. a.s.l.

COSTS STATEMENT

Casing, 21.5m @ \$132/m	\$ 2,838.00
B.Q. Drilled, 900m @ \$82.50/m	74,250.00
Accommodation:	
5 men, 34 days @ \$35/day	5,950.00
Supervision, T. Thomas, 34 days @ \$60/day	2,040.00
Truck, 4x4, 3/4 ton, 34 days @ \$30/day	1,020.00
4x4, 3 ton, 2 days @ \$45/day	90.00
Bulldozers, D-9, 8 hours @ \$90/hour	720.00
HD-16, 10 hours @ \$45/hour	450.00
Consulting Engineer, A.R.Allen	1,500.00
	<hr/>
	\$88,858.00

Crew:

R. Benoit	Jim Osborne
G. Robinson .	Joe Hunyadi
Joe Davis	J. Touchette
Frank Gaal	R. Denski
A. Sadinma	J. Daipack

DIAMOND DRILL HOLE A2-80

OWNER

R.H. Stanfield

DRILL Longyear #44 N.Q.W. ANGEL 90°

START: Sept. 27/80

COMPLETION: Nov. 3/80

LOCATION

Fort Steele M.D.
Cedar #8 Claim
N.T.S. 82G/6

COLLAR ELEVATION

1,158m a.s.l.

COSTS STATEMENT

Casing, 8.23m @ \$132/m	\$ 1,086.00
N.Q.W. drilled, 1076m @ \$115.5/m	124,278.00
Accommodation:	
5 men, 43 days @ \$35/day	7,525.00
Supervision, T. Thomas, 43 days @ \$70/day	3,010.00
Truck, 4x4, 3/4 ton, 43 days @ \$35/day	1,505.00
4x4, 3 ton, 2 days @ \$50/day	100.00
Bulldozer, HD 16, 4 hours @ \$45/hour	180.00
Consulting engineer, A.R. Allen	1,500.00
	<u>139,184.00</u>

Crew:

T. Miquel
D. Roach
J. Tataryn
M. Kerrigan
V. Bertstrand

DIAMOND DRILL HOLE 3-79

OWNER

R.H. Stanfield

DRILL Longyear #44 N.Q.W. ANGLE 90°

START: Aug. 7/79

COMPLETION: Sept. 22/79

LOCATION

Fort Steele M.D.
Cedar #10 Claim
N.T.S. 82G/6

COLLAR ELEVATION

1,225 m. a.s.l.

COSTS ATATEMENT

Casing, 21.5m @ \$132/m	\$ 2,838.00
N.Q. drilled, 1,107m @ \$99/m	109,593.00

Accommodation:

5 men, 43 days, @ \$35/day	7,525.00
Supervision, T. Thomas, 43 days @ \$60/day	2,580.00

Truck, 4x4, 3/e ton, 43 days @ \$30/day	1,290.00
4x4, 3 ton, 2 days @ \$45/day	90.00
Bulldozer, HD 16, 5 hours @ \$45/hour	225.00

Consulting Engineer, A.R. Allen	1,200.00
	<u>\$125,341.00</u>

Crew:

R. Broussau	R. Benoit
T. Miquel	G. Robinson
M. Kerrican	W. Sigurdson
A. Sadinma	

DIAMOND DRILL HOLE 4-79

OWNER

R.H. Stanfield

DRILL Longyear #38 B.Q.W. ANGLE 90°

START: Sept. 8/79

COMPLETION: Oct. 9/79

LOCATION

Fort Steele M.D.
Cedar #8 Claim
N.T.S. 82G/6

COLLAR ELEVATION

1,072.9m. a.s.l.

COSTS STATEMENT

Casing, 21.5m @ \$132/m	\$ 2,800.00
B.Q. drilled, 894m @ 882.50/m	73,755.00
Accommodation:	
5 men, 31 days @ \$35/day	5,425.00
Supervision, T. Thomas, 31 days @ \$60/day	1,860.00
Truck, 4x4, 3/4ton 31 days @ \$30/day	9,300.00
4x4, 3 ton, 2 hours @ \$45/hour	90.00
Bulldozer, HD 16, 8 hours @ \$45/hour	360.00
Consulting Engineer, A.R. Allen	1,200.00
	<hr/>
	\$94,790.00

Crew:

T. Miquel
G. Robinson
J. Davis
F. Gaal
R. Benoit

DIAMOND DRILL HOLE 5-79

OWNER

R.H. Stanfield

DRILL Longyear #44 N.Q.W. ANGLE 90°

START: Sept. 28/79

COMPLETION: Nov. 5/79

LOCATION

Fort Steele M.D.

Cedar #8 Claim

N.T.S. 82G/6

COLLAR ELEVATION

1,100m a.s.l.

COSTS STATEMENT

Casing, 26.8m @ \$132/m	\$ 3,537.00
N.Q. drilled, 975m @ \$99/m	96,525.00

Accommodation:

5 men, 40 days @ \$35/day	7,000.00
Supervision, T. Thomas, 40 days @ \$60/day	2,400.00

Truck, 4x4, 3/4 ton, 40 days @ \$30/day	1,200.00
4x4, 3 ton, 2 days @ \$45/day	90.00

Bulldozer, HD 16, 4 hours @ \$45/hour	180.00
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Consulting Engineer, A.R. Allen	1,500.00
---------------------------------	----------

\$112,432.00

Crew:

M. Kreuger	A. Tracy
G. Robinson	T. Miquel
R. Brousau	J. Hunyadi
A. Sadinma	

202 - 2025 Bellevue
West Vancouver, B.C.

CERTIFICATE

May 1, 1982.

I, Alfred R. Allen, certify that

I am a graduate of the University of British Columbia and hold the following degrees therefrom:

BASc Geological Engineering 1939

MASc Geological Engineering 1941

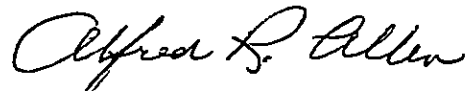
I am a Life Member of the Association of Professional Engineers of the Province of British Columbia.

I have practised my profession for the past thirty-seven years.

I hold no interest in the properties or securities of R.H. Stanfield, or affiliates thereof, nor do I expect to receive any directly or indirectly.

The report on the Diamond Drilling Programme dated May 1, 1982, on the R.H. Stanfield Property, Fort Steele, M.D., B.C., is based on field supervision and interpretation by the writer.

I consent to this report being filed with the British Columbia Securities Commission.



Alfred R. Allen