

FERNIE

87-559-16221
6/88



Province of
British Columbia

Ministry of
Energy, Mines and
Petroleum Resources

SELECTION NUMBER
PAGE 1 OF 1

TYPE OF REPORT/SURVEY(S)	TOTAL COST
Drilling	\$22,760.28

AUTHOR(S) Alfred R. Allen

SIGNATURE(S) *Alfred R. Allen*

DATE STATEMENT OF EXPLORATION AND DEVELOPMENT FILED June 16/87 YEAR OF WORK 1986

PROPERTY NAME(S)
CEDAR

FILMED

COMMODITIES PRESENT

B.C. MINERAL INVENTORY NUMBER(S), IF KNOWN

MINING DIVISION Fort Steele

NTS 82G/6E

LATITUDE 49° 23' 18"

LONGITUDE 115° 13' 42"

NAMES and NUMBERS of all mineral tenures in good standing (when work was done) that form the property (Examples: TAX 1-4, FIRE 2 (12 Units), PHOENIX (Lot 1706), Miners' Lease M 123, Mining or Certified Mining Lease ML 12 (claims involved)).

Cedar 1-5 (100 units)

GEOLOGICAL BRANCH ASSESSMENT REPORT

OWNER(S)

R.H. Stanfield

16,221

MAILING ADDRESS

350 - 4723 1st Street S.W.
Calgary, Alberta T2G 0A1

SUB-RECORD
RECEIVED
SEP 11 1987
M.R. # _____ \$ _____
VANCOUVER, B.C.

OPERATOR(S) (that is, Company paying for the work)

Same

MAILING ADDRESS

Same

SUMMARY GEOLOGY (lithology, age, structure, alteration, mineralization, size, and attitude):

Proterozoic Aldridge, Creston and Kitchener Formations, consisting of argillite, quartzite, limestone, dolomite and tuff outcrop on both sides of the Rocky Mountain Trench which is underlain by Palaeozoic limestone, dolomite, shale and sandstone. A major structure adjacent to and in the Trench is complex.

REFERENCES TO PREVIOUS WORK

CONTENTS

TITLE PAGE AND SUMMARY 1 & 2

A. INTRODUCTION 3.

B. LOCATION 3.

C. PROPERTY 3.

D. PHYSIOGRAPHY 4.

E. GEOLOGY 4.

F. PREVIOUS WORK 5.

G. THEORY 5.

H. OBJECT OF THE DRILLING 5.

I. THE AIR ROTARY PERCUSSION DRILLING 6.

J. DRILLING RESULTS 6.

K. DISCUSSION 7.

L. SUMMARY 7.

M. ROAD WORK AND EROSION CONTROL 8.

REFERENCES

COSTS STATEMENTS #1 and #2

CERTIFICATE

MAPS:

1. Location
2. Topography, Claims, Holes P.C.1-87, P.C. 2-87
3. Road work and erosion control

* * * * *

A. INTRODUCTION

Two Air Percussion Rotary holes were drilled in the northeast area of the Cedar #1 claim in an attempt to penetrate bedrock at that location.

Roadwork and Erosion Control was completed over the 1, 3, and 5 claims.

B. LOCATION

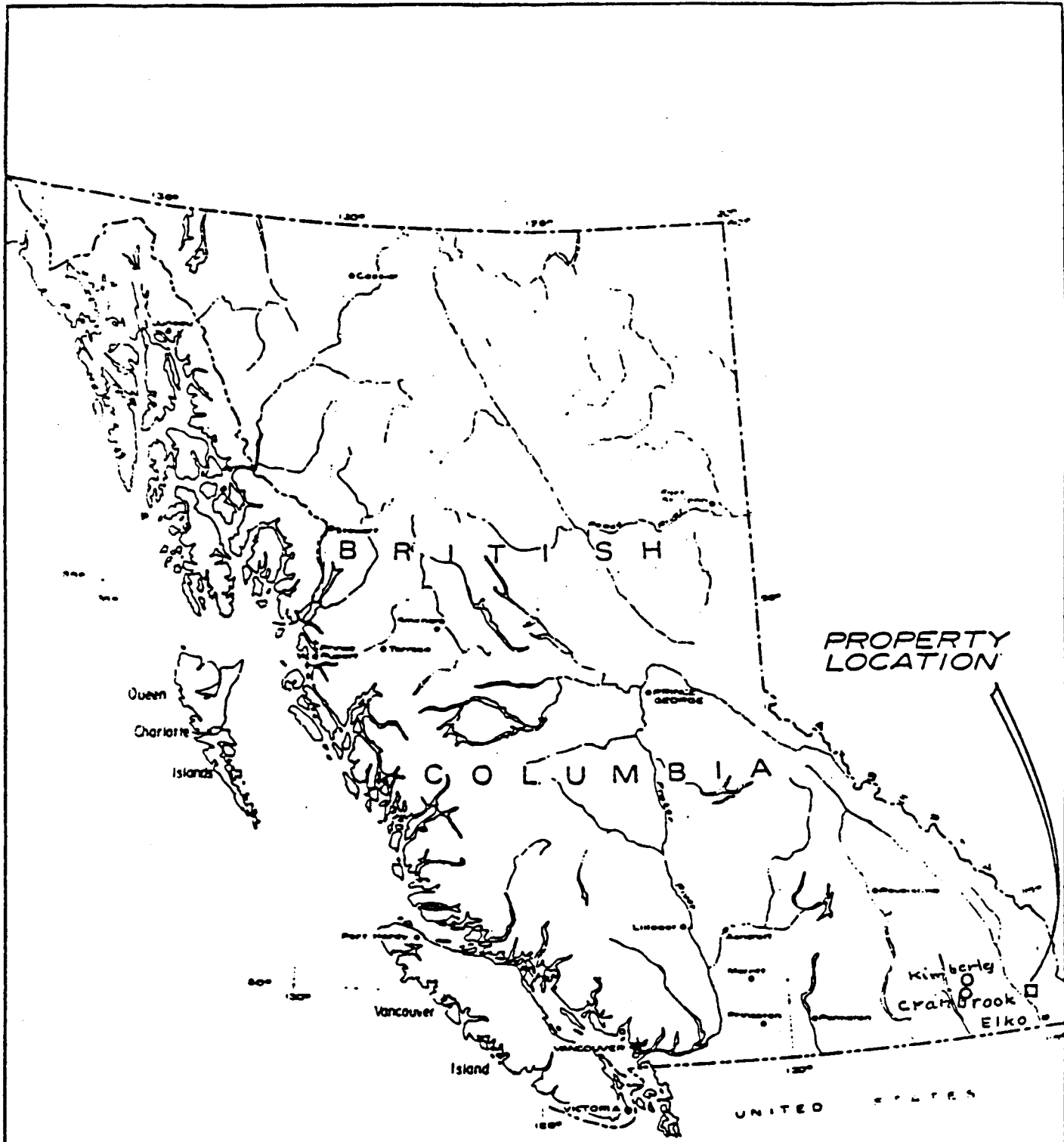
The property is located in southeastern British Columbia 58 km west from Cranbrook and 42 km east from Fernie. The settlement and sawmill of Galloway is located near the southeast corner of the Cedar #1 claim.

The area is serviced by Canadian Pacific Railway and Highway #3.

C. PROPERTY

The adjoining Cedar 1-5 inclusive claims are as follows:

<u>Group</u>	<u>Claim</u>	<u>Record No.</u>	<u>Area</u>	<u>Expiration Date</u>
1A	Cedar 1	(205)	20 Units	June 17 1988
	Cedar 2	(206)	"	" 1988
	Cedar 3	(207)	"	" 1988
	Cedar 4	(715)	"	July 24 1988
	Cedar 5	(209)	"	June 17 1988



R.H. STANFIELD PROPERTY

LOCATION MAP

SCALE: 1" = 136 Miles.

Drawn by	Dgtg 25/B/B7	ALLEN GEOLOGICAL ENGINEERING LTD.
Checked by	Org no. ara	

D. PHYSIOGRAPHY

The southwesterly flowing Sand Creek and the settlement of Galloway are located in the southeast corner of the Cedar #1 claim at an elevation of 850metres above sea level.

Rosen Lake is located in the Rocky Mountain Trench on the boundary of Cedar 3 and 5 claims. Little sand Creek and tributary streams flow southerly across the Cedar 2 and 4 claims.

The Cedar #5 claim overlies the southwesterly slopes of the Lizard Range, the northeast corner is at elevation 1,676 metres above sea level.

E. GEOLOGY

Limited outcrops in the general area of the PC 1-87 and PC 2-87 drill holes and along the east boundary of the Cedar 1, 3, and 5 claims, indicate that the underlying bedrock is Aldridge Precambrian argillite and quartzite.

The strike appears to be northwesterly dipping at low angles northeasterly. This may be terminated by a major fault, tentatively mapped from Galloway, 12 km northwesterly where it is complicated by northerly striking faults.

Some of the small outcrops of Aldridge argillite, however, indicate the presence of sulphide mineralization within the Cedar claims area.

Drilling to date indicates that overburden cover is very extensive and bedrock has not been penetrated in the vicinity of the Cedar #1 Claim.



R.H. STANFIELD

CEDAR 1-5

PERCUSSION HOLES P.C. 1-87
P.C. 2-87

TOPOGRAPHY AND CLAIMS

Sept/87 Allen Geological Eng.
#2 Per Alfred R. Allen P.Eng.

F. PREVIOUS WORK

As well as the mapping of the area by the G.S.C. and other studies, three relatively shallow holes have been drilled in the area of the Cedar #2 and #3 claims, and bedrock has not been reached.

G. THEORY

The deep diamond drill hole previously drilled on the Cedar #3 claim penetrated Aldridge strata to a depth of 927 metres. This appears to substantiate the possibility that the major fault which terminates the Aldridge formation on the west, must dip westerly.

In addition, considering this hypothesis, it would appear that the Aldridge formation may underlie the Rocky Mountain Trench westerly below the Palaeozoic strata which outcrops within the Trench.

H. OBJECT OF THE DRILLING

The two holes drilled near the northeast corner of the Cedar #1 claim were abandoned at depths of 24.38 and 22.86 metres because of coarse, loosely consolidated, overburden.

The object of the drilling was to penetrate bedrock, in order to establish the stratigraphy at that location.

R.H. STANFIELD

CEDAR 1-5

GROUP 1-A

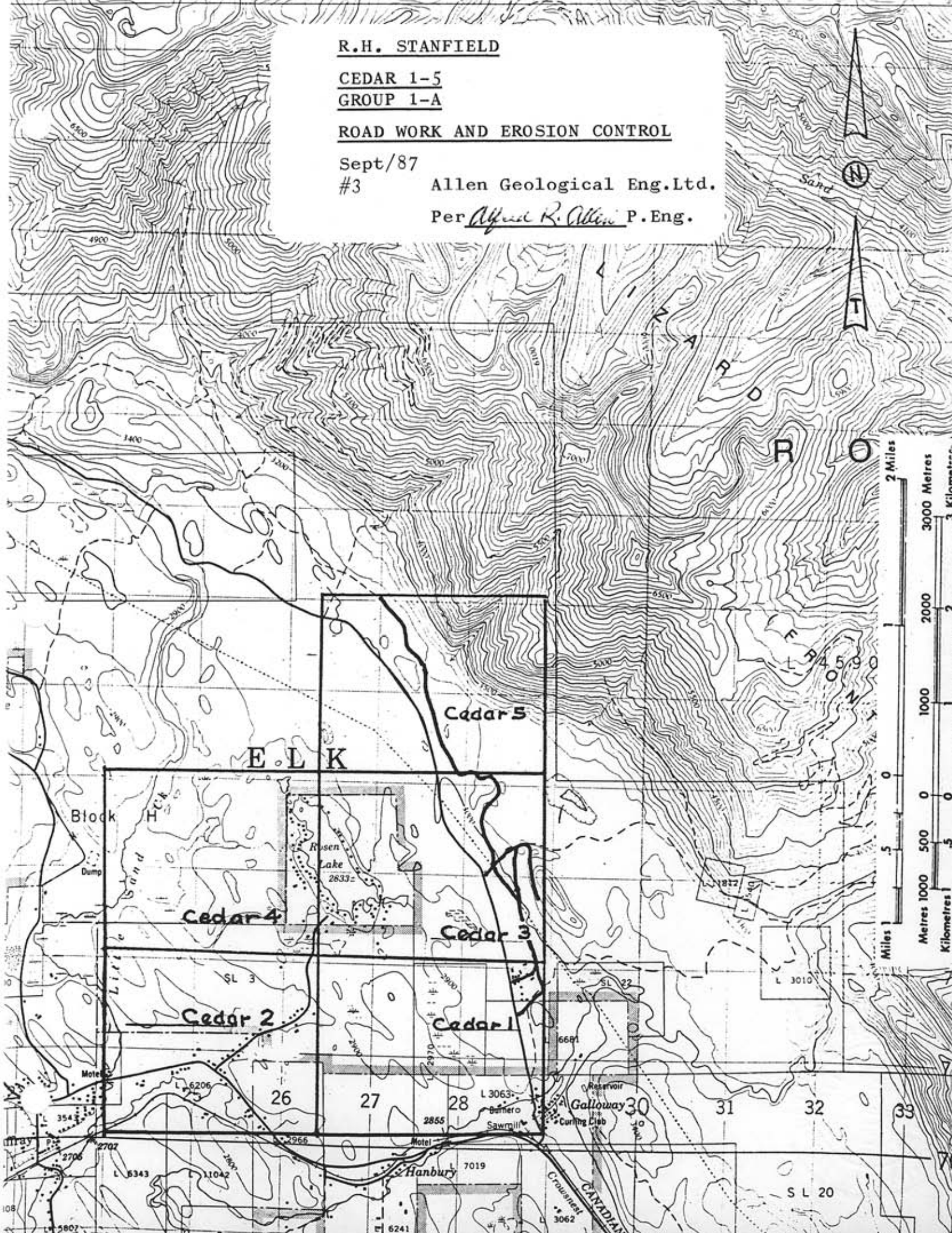
ROAD WORK AND EROSION CONTROL

Sept/87

#3

Allen Geological Eng.Ltd.

Per Alfred R. Allison P.Eng.



I. THE AIR ROTARY PERCUSSION DRILLING

The two holes drilled on the Cedar #1 claim were contracted with the following crew and equipment from Strathmore, Alberta.

Don Murray, Driller, Strathmore, Alberta
Duane Bochek, " " "

The Stanfield crew assisted as follows:

Ross Stanfield Jr., coordinator
Brent Skene, foreman

Equipment:

- 1 Ingersol Rand TH-60 rotary percussion drill rig with compressor and accessories
- 1 Drill stem trailer
- 1 Five ton water truck
- 1 thirty-foot rods trailer and rods
- 1 Pick-up 4 w.d. truck

J. DRILLING RESULTS

The two holes were drilled through overburden, but because of difficult coarse and loose material, each was abandoned before penetrating bedrock.

K. DISCUSSION

The Precambrian Aldridge formation is the favourable strata found to be mineralized with copper, silver, lead and gold on the Stanfield property.

Within the Rocky Mountain Trench, on and along the east boundary of the Cedar 1, 3 and 5 claims, several outcrops of Aldridge argillite contain sulphide mineralization.

Major faulting appears to have terminated the westerly extension of the Aldridge formation in the vicinity of the Cedar 1, 3 and 5 claims.

In this area of deep overburden cover it is important to detail the stratigraphy as far west on the Cedar 1A group as practical.

L. SUMMARY

Two air rotary percussion holes were drilled near the northeast corner of the Cedar #1 claim.

These vertical holes were drilled and cased to 24.38 metres and 22.86 metres, but were abandoned because of drilling difficulties before penetrating bedrock.

M. ROAD WORK AND EROSION CONTROL

The roadways extending from the southeast corner of the Cedar #1 claim, northerly across the Cedar #3 and #5 claims were cleared, widened and improved where indicated on map #3.

In addition, ditches, water bars and culverts were cleared and repaired or replaced where necessary.

The work was conducted by the Stanfield crew and equipment as follows:

Crew George Clayton and helper, bulldozer operators
 Ross Stanfield Jr., foreman

Equipment

1 HD 16 Allis Chalmers bulldozer
1 740 Champion Grader
1 Truck 4X4 3/4 ton
1. Power Saw

Three men, 12 days

Submitted by:

Allen Geological Engineering Ltd.

Per Alfred R. Allen P.Eng.

Alfred R. Allen

September 1987.

FORT STEELE MINERAL CORPORATION LTD.

COSTS STATEMENT #1

ROTARY DRILLING REPORT

R.H. STANFIELD

BY CONTRACT

ROTARY DRILLING: Cedar #1 claim June 18/86-June 15/87
Vertical Holes: #1 24.38 metres
#2 22.86 metres
Casing (in holes) 42.6 metres

PERSONNEL

Drill Crew: Don Murray, Driller, Strathmore, Alberta
Duane Bocek, Driller, Strathmore, Alberta

Drilling: 47.24 Metres @ \$ 147/m \$6,944.28
Casing @ \$26.29/m 1,120.00

Meals & Accommodation: 4 men @ \$65/day, 2 days 520.00

Foreman: @\$15/hr 20 hrs. 300.00

Coordinator: @\$15/hr 20 hrs. 300.00

Trucks: 2 4x4's @ \$50/day, 2 days 200.00

Mobilization and demobilization 2,000.00

Site preparation and clean up 310.00

Consulting and Reporting, Alfred R. Allen, P.Eng. 590.00

To all inclusive \$12,284.28

Alfred R. Allen

FORT STEELE MINERAL CORPORATION

COSTS STATEMENT #2

ROAD WORK AND EROSION CONTROL

R.H. STANFIELD

June 18/86 - June 15/87

LOCATION: Cedar 1, 3 & 5 of the Cedar Group 1A

Length : Approx. 8 kms.

CREW: George Clayton and helper
Ross Stanfield Jr. Foreman

EQUIPMENT AND COSTS

H.D.16 Allis Chalmers bulldozer 40hrs@\$70/hr	\$2,800.00
740 Champion Grader, 56 hrs @ \$55/hr	3,080.00
3/4 Ton Truck, 12 days @ \$50/day	600.00
Power Saw, 12 days @ \$18/day	216.00
Foreman, 96 hrs @ \$15/hr	1,440.00
Meals & accommodation, 3 men, 12 days @\$65/day	<u>2,340.00</u>
To All Inclusive	\$10,476.00

Alfred R. Collins

702 - 2025 Bellevue Avenue
West Vancouver, B.C.
V7V 1B9

CERTIFICATE

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 forty 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 Air Rotary Percussion drilling on the
Cedar #1 claim is based on consulting, interpretation,
inspection of the cuttings and report preparation on
the property August 4, 5, 6, 1987.

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

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

September 1987.