

ARIS SUMMARY SHEET

District Geologist, Nelson

Off Confidential: 89.06.16

ASSESSMENT REPORT 17850

MINING DIVISION: Fort Steele

PROPERTY: Cedar
LOCATION: LAT 49 26 33 LONG 115 15 46
UTM 11 5477880 625936
NTS 082G06W

CLAIM(S): Cedar 8
OPERATOR(S): Stanfield, R.H.
AUTHOR(S): Allen, A.R.
REPORT YEAR: 1988, 11 Pages

COMMODITIES
SEARCHED FOR: Copper, Silver, Gold, Lead

GEOLOGICAL
SUMMARY: The claim is underlain by Proterozoic Aldridge Formation argillaceous quartzite and quartzite. A major fault strikes northwest across the Cedar 6 and 8 claims. Precambrian rocks occur to the northeast of the fault and Upper Devonian-Mississippian rocks occur to the southwest in the Rocky Mountain Trench.

WORK
DONE: Drilling
ROTD 110.5 m 2 hole(s)

RELATED
REPORTS: 16222
FILE: 082GSW054

LOG NO: 1012	RD.
ACTION.	
FILE NO:	

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CERTIFICATE

MAPS:

1. Location
2. Mineral claims, Topography, Holes C8-G2-88, C8-G3-88

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A. INTRODUCTION

The Cedar 3A Group includes the Cedar 6, 7, 8, 9 and 11 claims. The Cedar 6 and 8 claims are located in the Rocky Mountain Trench, an area of low relief, except for the north east corner of the Cedar 8 located on the lower westerly slopes of the Front Range. The Cedar 7, 9 and 11 claims extend to the crest of the Rockies at elevations of 2,100 metres above sea level.

Two holes were drilled at the 1,220 metre level on a spur road above the adit tunnel on the "G" zone of high grade silver and lead mineralization.

B. LOCATION

The Cedar 3A Group is located in south eastern British Columbia, in the Fort Steele Mining Division. Access is via Highway #3 from Cranbrook, 50 kilometres to Galloway and 3 kilometres north via secondary road to the Cedar 3A Group. The area is serviced by the Canadian Pacific Railway.

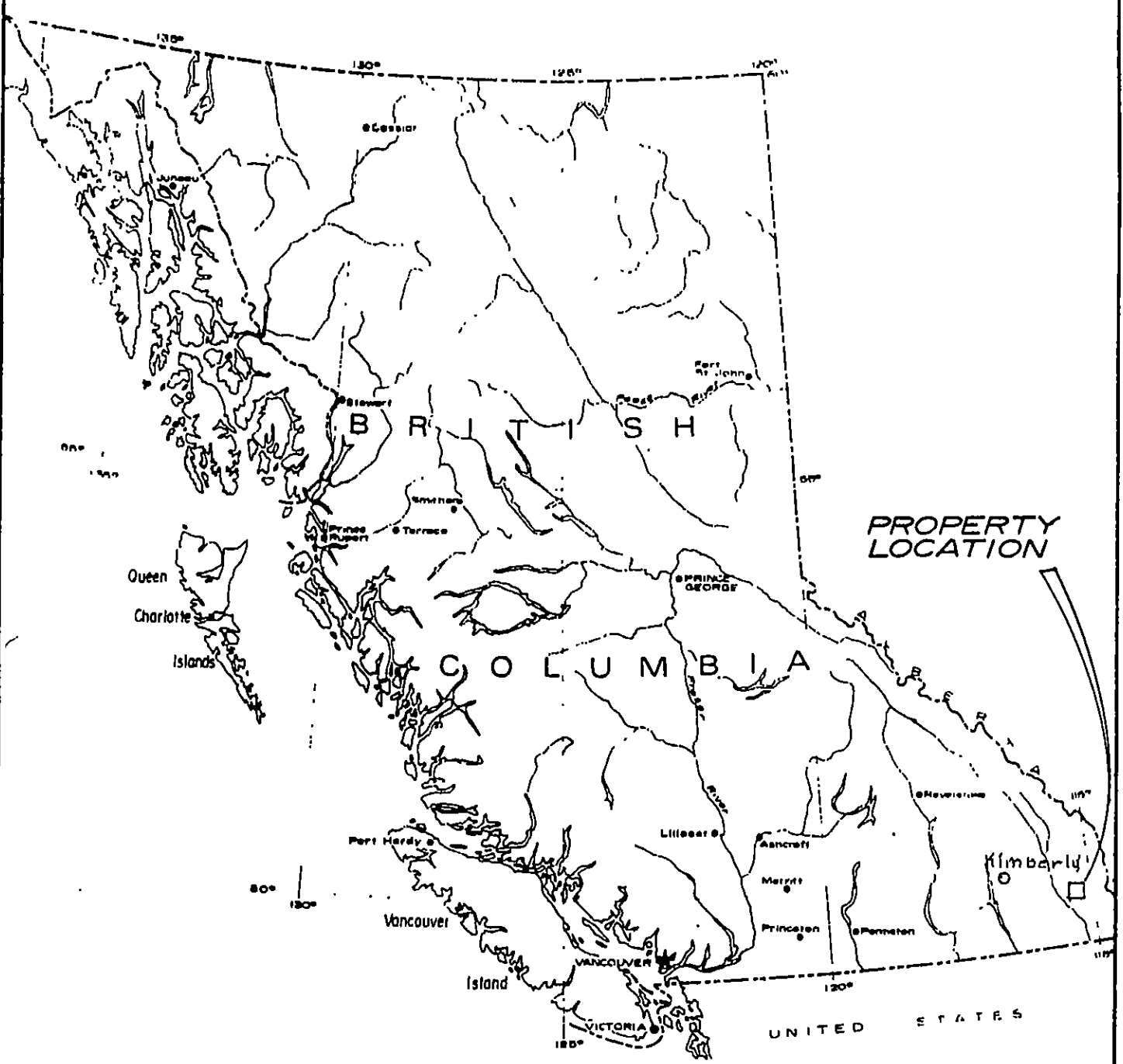
C. PROPERTY

Cedar Group 3A includes the following claims:

<u>Claim</u>	<u>Record Number</u>	<u>Area</u>	<u>Expiration Date</u>
Cedar 6	485 (7)	20 units	05-07-90
Cedar 7	211 (6)	20 units	
Cedar 8	212 (6)	20 units	
Cedar 9	213 (6)	20 units	
Cedar 11	234 (7)	20 units	07-07-90

D. PHYSIOGRAPHY

The Cedar 6 and 8 claims are located in the Rocky Mountain Trench, north of Rosen Lake and east of Tie Lake. Little Sand Creek flows southerly across the



R.H. STANFIELD		
LOCATION MAP		
SCALE: 1" = 136 MIs.		
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Checked by	Dwg no.	

claims. The northeast corner area of Cedar 8 is on the steep west slopes of the Front Range at an elevation of 1,220 metres above sea level. Cedar 7, 9 and 11 claims extend from the Trench north up to an over 2,150 metre ridges and into the upper Sand Creek Valley.

E. GEOLOGY

The major Bull River fault, on the east side of Rosen Lake, strikes northwest and dips steeply southwest. On the Cedar 6 and 8 claims, westerly from the fault, Palaeozoic Devonian and Mississippian formations are exposed. The strata is chiefly limestone, dolomite, sandstone and shale.

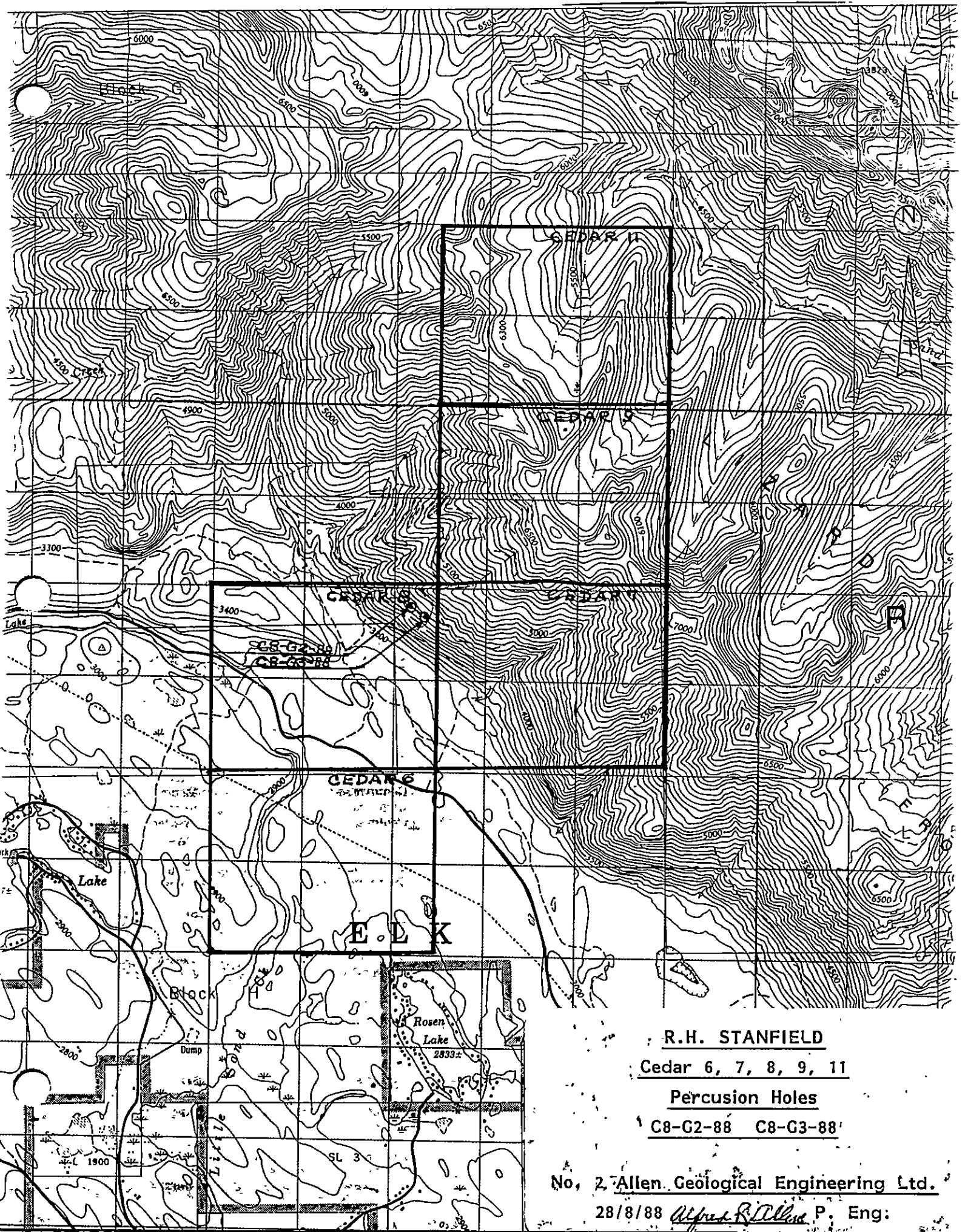
The Cedar 7, 9, and 11 claims, on the northeast side of the fault, are underlain by Precambrian Aldridge and Creston quartzite, argillaceous quartzite and argillite.

The high grade silver-lead "G" zone is located on the northeast area of the Cedar 8. The Great Western zone is located 1,500 metres west of the northwest corner of the Cedar 9 claim. Silver, lead and gold mineralization has been exposed at this location.

The Tom showings of copper, silver and lead are located 750 metres north of the northeast corner of the Cedar 11 claim.

F. PREVIOUS WORK

Highgrade silver-lead mineralization was exposed at the northeast area of the Cedar 8 claim. A 12 metre adit tunnel was driven easterly on a fissure zone 3 to 5 metres wide. An adit tunnel was located 6 metres north, in more stable ground, and directed nearly parallel to the mineralized zone for 30 metres. It was then directed 30 metres back to penetrate the mineralized zone. One flat



R.H. STANFIELD
Cedar 6, 7, 8, 9, 11
Percussion Holes
C8-G2-88 C8-G3-88

No. 2 Allen Geological Engineering Ltd.
28/8/88 *Alfred R. Allen* P. Eng:

hole was diamond drilled southerly underground, 12 metres from the face of the tunnel to check the width and grade of the mineralized zone. In order to check the geology of the area east of the showings, holes C8-G2-88 and C8-G3-88 were drilled with Cyclone Rotary equipment to depths of 61.8 and 48.7 metres. Sheared and altered Aldridge argillaceous quartzite was penetrated in both of these vertical holes.

G. OBJECT OF THE DRILLING

Rotary Percussion holes C8-G2-88 and C8-G3-88 were drilled to check the geology of the eastern extension of the silver-lead mineralized zone.

H. CYCLONE ROTARY AIR-MUD DRILLING

Two vertical holes were collared at 1,265 metre elevation, east of the adit tunnel located on the Cedar 8 claim.

Equipment and crews are as follows:

- 1 - Ingersol hand TH-60 Rotary Percussion drill, truck mounted, with compressor and accessories.
- 1 - Five ton water truck and one 4 x 4 3/4 ton truck.
- 1 - Drill stem trailer and rods.

Drill Crew

Don Murray, driller, Strathmore, Alberta and Lewis Waklem, Driller, Strathmore, Alberta.

Stanfield Crew

R.H. Stanfield, Foreman

Ross Stanfield, Jr., Coordinator

Two 4 x 4, 3/4 ton trucks

I. DRILLING RESULTS

Drill holes C8-G2-88 and C8-G3-88 vertical holes penetrated Aldridge quartzite, argillaceous quartzite and siltstone.

Quartz stringers, and quartz-siderite fracture fillings contain pyrite and pyrrhotite and some chalcopyrite and galena.

The mineralized zone was not encountered.

J. SUMMARY AND RECOMMENDATIONS

Holes C8-G2-88 and C8-G3-88 were drilled to depths of 61.8 and 48.7 metres, above and on the estimated easterly extension of the mineralized silver lead deposit on the northeast area of the Cedar 8 claim.

The drill cuttings are Aldridge formation similar to that in the adit tunnel located parallel to the mineralized near surface silver-lead fissure zone.

It is recommended that additional diamond drilling be conducted over the projected mineralized zone with a series of angle holes.

Submitted by:

ALLEN GEOLOGICAL ENGINEERING LTD.

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

REFERENCES

- Leech, G.B. Paper 58-10, Map 20, 1958.
- Leech, G.B. International Geological Congress,
24th Session, Canada, 1972
Field Excursions.
- Allen, A.R. Stanfield Holdings Report, 1972.
- Allen, A.R. Geology, Ore Potential, Stanfield Holdings, 1976.
- Chang, G.B. Reports Bull River Area, 1973-1976.

FORT STEELE MINERAL CORPORATION

COST STATEMENT

R.H. Stanfield
by Contract

Cedar 8 Claim
Vertical Holes 61.8 and 48.7 m
June 19-21, 1988

Personnel

Drill Crew: Don Murray, Driller - Strathmore, Alberta
Lewis Waklem, Driller - Strathmore, Alberta

Stanfield Crew: R.H. Stanfield, Foreman
Ross Stanfield, Jr., Co-ordinator

Drilling

Two holes 110.5 metres @ \$147/m	\$ 16,243.50
Caseing 12.1 m @ \$26.29/m	318.10
Lodging and meals 4 men, 2 days @ \$65/day	520.00
Mobilization & Demobilization	1,000.00
Trucks 2 3/4 ton, 2 days @ \$50/day	200.00
Foreman 20 hrs. @ \$15/hr	300.00
Co-ordinator 20 hrs @ \$15/hr	300.00
Site preparation and clean-up	<u>155.00</u>
Total Drilling Costs	\$ 19,036.60
A.R. Allen, P.Eng., Consulting	<u>550.00</u>
TOTAL COSTS	<u><u>\$ 19,586.60</u></u>

Alfred R. Allen

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

(604) 926-4785

CERTIFICATE

September, 1988

I am a graduate of the University of British Columbia and hold the following degree 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.

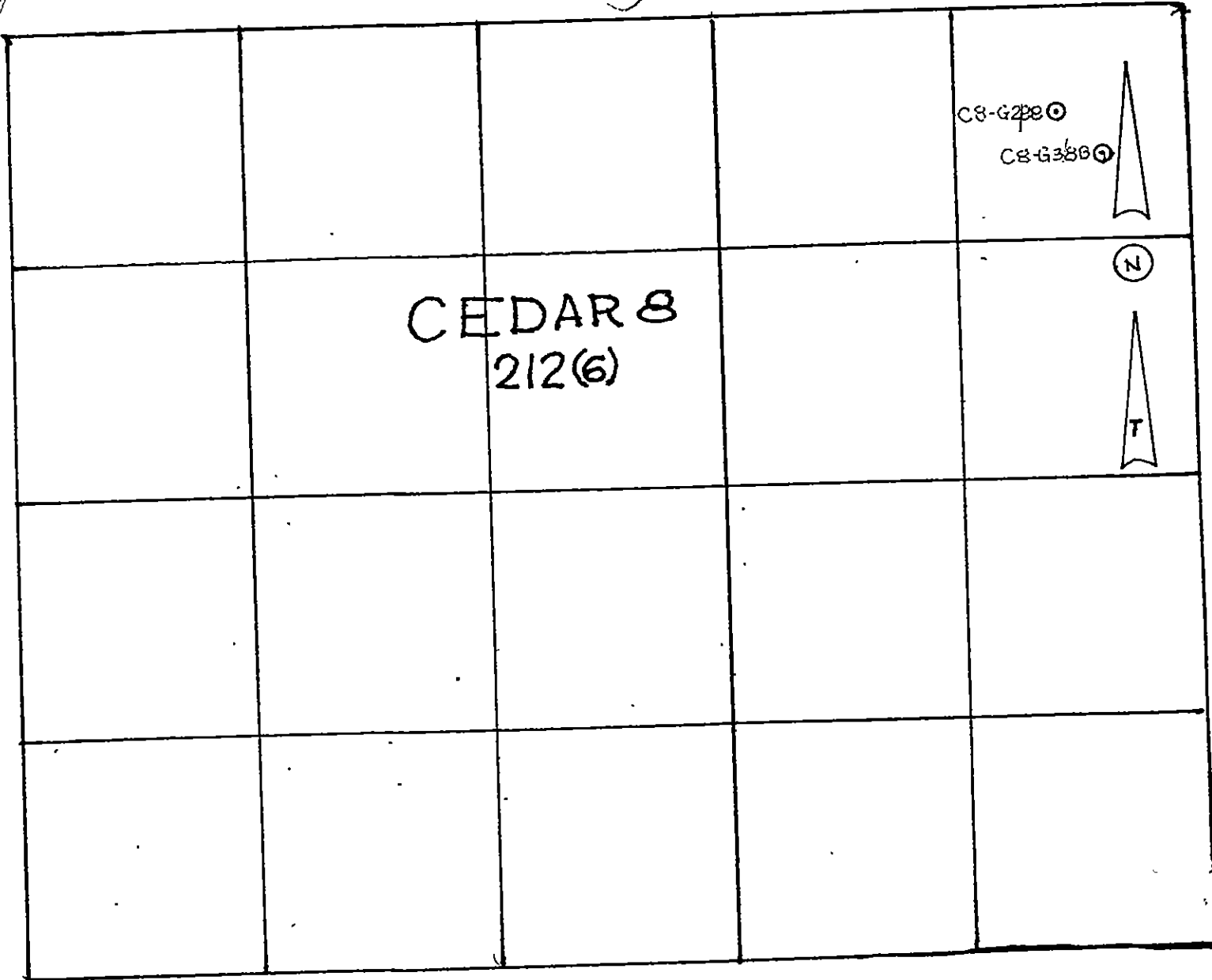
I have practised my profession for the past forty years.

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

The report on the Cedar 3A Group, Cedar 6, 7, 8, 9 and 11 is based on an examination of the property August 4, 5, 6, 1987.

Alfred R. Allen, P.Eng.





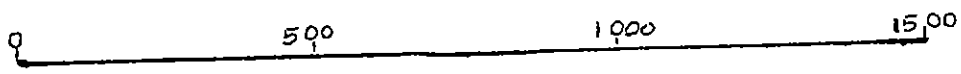
CEDAR 8
212(6)

C8-G288

C8-G388

N

T



Scale m

R.H. STANFIELD

CEDAR #8 CLAIM

DRILL HOLES C8-G2-88

C8-G3-88

No. 3

Alfred B. Allen

Sept/88 Allen Geological Engineering Ltd.

Draw

P Eng