

## ARIS SUMMARY SHEET

District Geologist, Nelson

Off Confidential: 89.06.16

ASSESSMENT REPORT 17758

MINING DIVISION: Fort Steele

PROPERTY: Dogwood  
LOCATION: LAT 49 22 50 LONG 115 12 38  
UTM 11 5471082 629885  
NTS 082G06E

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

COMMODITIES  
SEARCHED FOR: Copper, Lead, Silver, Gold

GEOLOGICAL  
SUMMARY: The property is underlain by the Proterozoic Aldridge Formation composed of argillite, argillaceous quartzite and quartzite. Faulting trends are from the northeast to northwest. Intrusive rocks include granodiorite, diorite and lamprophyre dykes. Mineralized shears and disseminations consist of pyrite, pyrrhotite, chalcopyrite and galena.

WORK  
DONE: Drilling, Physical  
ROAD 13.0 km  
ROTD 122.8 m 1 hole(s)

MAPFILE: 082GSW017

LOG NO: 0928	RD.
ACTION:	
FILE NO:	

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FILMED

REPORT ON THE DOGWOOD GROUP #4  
FORT STEELE M.D.B.C.

**A. INTRODUCTION**

The Dogwood #10 claim includes the Strathcona-Empire Crown Grant mineral claims.

Copper; gold, silver mineralization has been partially exposed, from which a smelter shipment was made. The quartz vein has been exposed by surface workings and an adit tunnel at a lower elevation.

**B. LOCATION**

The Dogwood Group #4 includes the Dogwood #8 and #10 claims, in southeastern British Columbia. The southwest corner of the property includes the settlement of Galloway, and is close to Highway #3 and the Canadian Pacific railway. Access is via Highway #3 east from Cranbrook, and west from Fernie.

**C. PROPERTY**

Group #4 includes two 20-unit claims:

Dogwood #8	225 (6)	Expiry	17-06-93
Dogwood #10	227 (6)	Expiry	17-06-93
Strathcona C.G.	11812 and	Empire C.G.	3540

**D. PHYSIOGRAPHY**

Most of the property lies in the Rocky Mountain Trench about 900 m. above sea level. The northeast area, including the Strathcona-Empire workings, extend easterly up the steep southwesterly slopes of the Front Range of the Rocky Mountains to elevation 1,670 m. above sea level.

The area is drained by several small creeks and sand creek which flows from the southeast area of the Dogwood #8 claim northwesterly to the northwest, swampy-area, and southwesterly through Galloway to the Kootenay River.

**E. GEOLOGY**

There are outcrop areas over most of the northeast corner area of the Dogwood #10 claim. There are some outcrops in the Rocky Mountain Trench. The strike of the Aldridge strata, at this location, is north 10 to 20 degrees west and then dips 10 to 25 degrees north-easterly.

A fault strikes northwesterly through Galloway. Subsidiary faults strike northeasterly.



PROPERTY  
LOCATION

R.H. STANFIELD

LOCATION MAP

SCALE: 1" = 136 Mls.

Drawn by	Date
Checked by	Drq. no.

ALLEN GEOLOGICAL  
ENGINEERING LTD.

The high grade copper, silver and gold mineralization of the Strathcona-Empire quartz vein are located on the central east side of Dogwood #10 claim. An adit tunnel is located lower down the steep side hill from the main showings. A quartz vein, was intersected and drifts on the vein encountered copper, gold, silver mineralization.

Two shipments from the discovery showings to the Consolidated smelter at Trail, B.C. contained good grade copper, silver and gold.

The mineralized veins are in Aldridge argillite, quartzite and siltone, striking north 10 to 20 degrees west and dipping 10 to 25 degrees southwesterly.

#### F. THEORY

A vertical air rotary percussion hole was drilled in the central area of the Dogwood #8 claim, at elevations 850 metres above sea level.

The hole was drilled with the object of intersecting the Strathcona Empire mineralized veins containing copper, gold and silver mineralization.

#### G. OBJECT OF THE DRILLING

The D8-187 hole is located in the central area of the Dogwood #8 claim at elevation 850 metres above sea level, 2,000 metres south 15° west of the Strathcona-Empire mineralized area.

#### H. PREVIOUS WORK

A vertical hole P-D-10-87 was drilled in the northwest area of the Dogwood #10 claim, but bedrock was not penetrated because of heavy overburden.

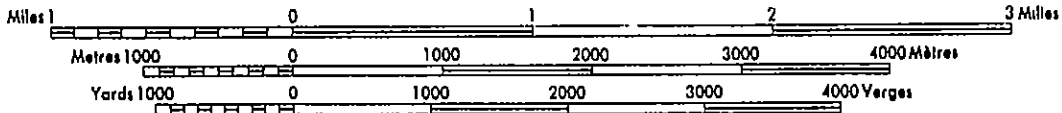
The geology of the area was mapped by G.B. Leach of the G.S.C. - Paper 58-10.

The Holdings of R.H. Stanfield in S.E. B.C. 1976 by the writer.

#### I. CYCLONE ROTARY AIR-MUD DRILLING

One hole was drilled on the central Dogwood #8 claim. Equipment area crew were as follows:-

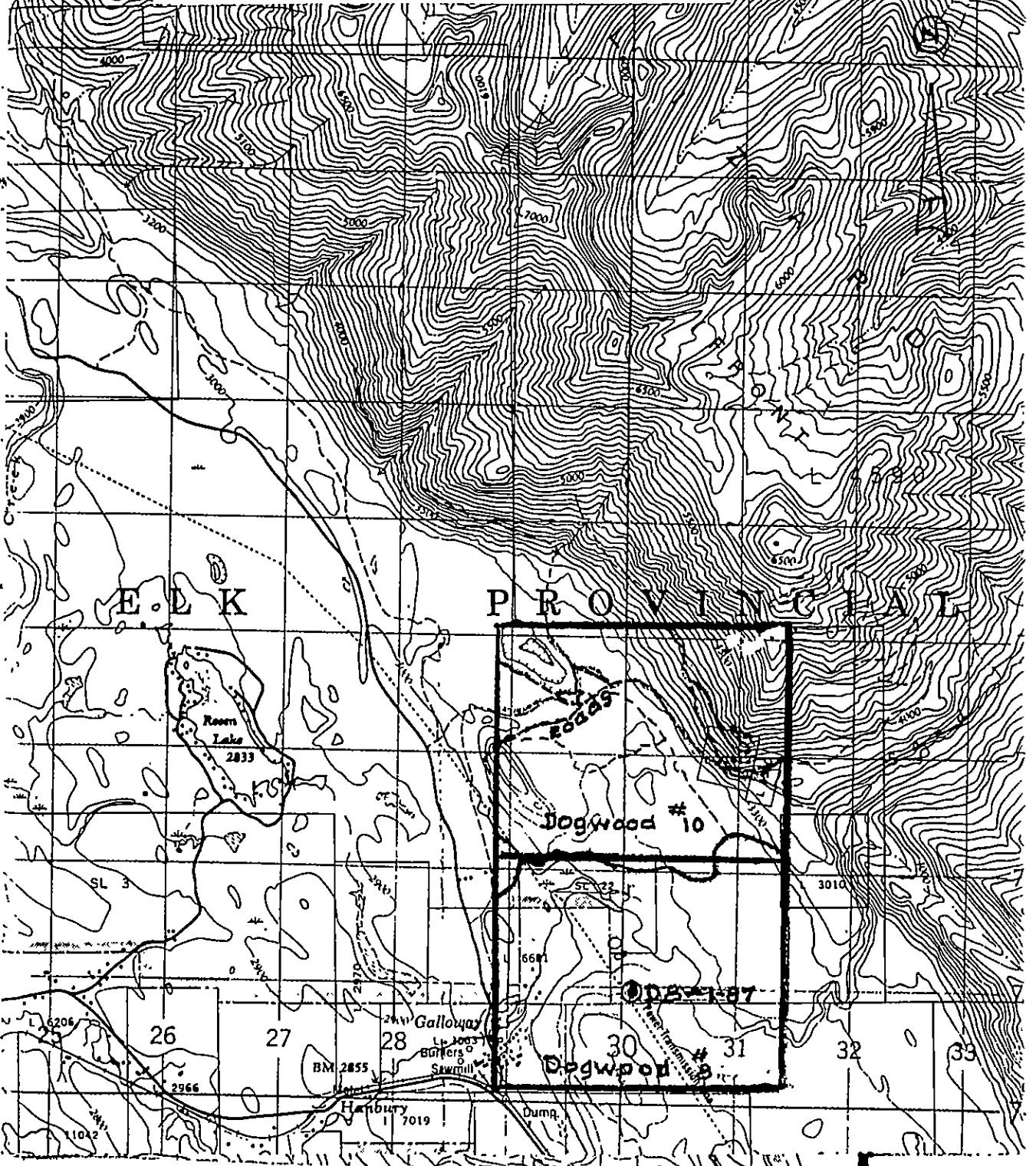
- 1 Ingersol Rand TH-60 Rotary Percussion Drill, truck mounted with Compressor and Accessories.
- 1 Five Ton Water Truck
- 1 Drill Stem Trailer and rods
- 1 4 x 4 Truck.



R. H. Stanfield  
Dogwood #8 and #10  
ROTARY AIR MUD DRILLING  
Drill Hole D8-1-87  
TOPOGRAPHY & ROADS

898288

Allen Geological Eng. Ltd.  
Per Alfred B. Allen P. Eng.



Drill Crew:

Don Murray, Driller, Strathmore, Alberta  
Duane Bocek, Driller, Strathmore, Alberta

Stanfield Crew and Equipment

Ross Stanfield Jr., Co-ordinator  
Brent Skene, Foreman  
2 4 x 4 3/4 ton Trucks

**J. DRILLING RESULTS**

Drill hole D8-1-87 was drilled vertically to a depth of 122.8 m, July 6,7,8, 1987. Bedrock was penetrated, and is Aldridge grey banded argillaceous quartzite, quartzite. Fractures carry pyrite and pyrrhotite with quartz, siderite and calcile gangue.

**K. SUMMARY AND RECOMMENDATIONS**

Hole D8-1-87 is located southwest of the Strathcona Empire showings and 210 metres lower in elevation.

The location appears favourable for penetrating the vein system, but none was intersected. A more favourable location may be on or close to the north boundary of the Dogwood 8 claim, and it is recommended that a hole be located at the 940 metre elevation.

**L. ROAD WORK AND EROSION CONTROL**

Approximately 13 kilometres of road work and erosion control was completed over the Dogwood 8 and 10 claims.

Where necessary the former roads were cleared and widened. Water bars and culverts were cleared and repaired or if necessary replaced.

Submitted By:

**ALLEN GEOLOGICAL ENGINEERING LTD.**

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

August 3, 1988

FORT STEELE MINERAL CORPORATIONCOSTS STATEMENT #1CYCLONE ROTARY AIR-MUD DRILLINGR.H. STANFIELDBY CONTRACT

Dogwood #8 Claim  
 Vertical Hole 122.8 metres  
 June 18, 1987 - June 15, 1988

PERSONNEL

Drill Crew:

Don Murray, driller, Strathmore, Alberta  
 Duane Bocek, driller, Strathmore, Alberta  
 Ross Stanfield Jr., Co-Ordinator  
 Brent Skene, Foreman

Stanfield Crew:

Drilling:

DB-I-87 122.8 m @ \$147/m.	\$18,051.60
Accommodation and meals, 4 men 3 days @ \$65	780.00
Co-Ordinator 18 hrs. @ \$15/hr.	270.00
Foreman 24 hrs. @ \$15/hr.	360.00
Mobilizing & Demobilizing	1,000.00
Site preparation and clean up	155.00
Trucks - 2 4x4 3/4 ton, 3 days @ \$50/day	300.00
Total drilling costs	\$20,916.60
H.R. Allen, P. Eng. Consulting and Reporting	520.00
	<u>\$21,436.60</u>

*Alfred R. Allen*



REFERENCES

- Leech G.B., Paper 58-10 Maje #20 1958
- Leech G.B., International Geological Congress  
24th Session Canada 1972  
Field Excursions
- Allen A.R. Allemt Exploration Co. Report 1967
- Allen A.R. Stanfield Holdings Report 1973
- Allen A.R. Geology, Ore Potential Stanfield Holdings 1976
- Chlang G.B. Placid Oil Company Reports 1973-1976

*Alfred B. Allen*

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.

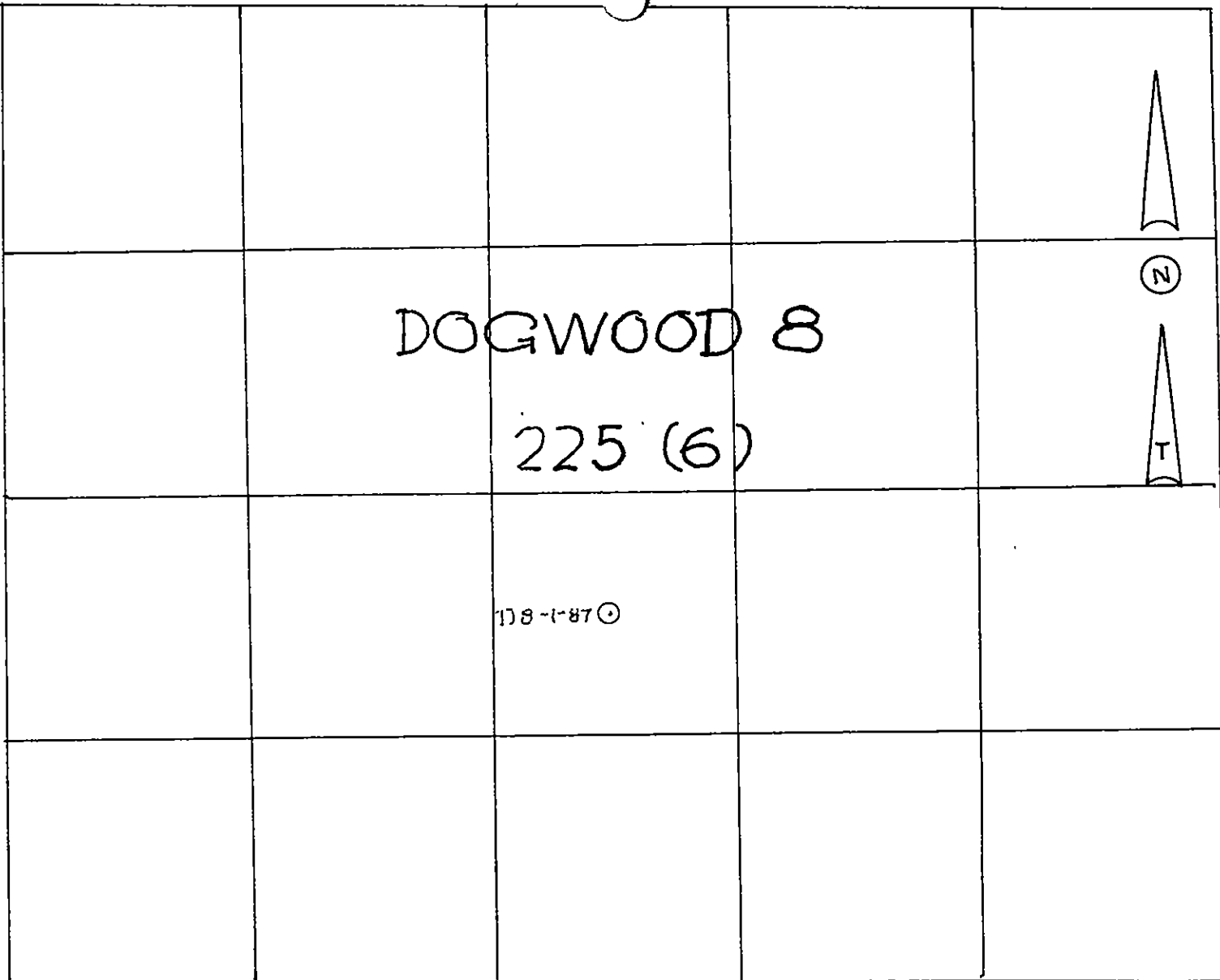
I have practised my profession for the past forty years.

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  
Dogwood Group 4 is based on consulting, interpretation,  
inspection of the cuttings and report preparation on  
the property August 4, 5, 6, 1987.

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

September 1987.



Scale-m.

R.H. STANFIELD  
DOGWOOD 8 CLAIM  
DRILL HOLE D8-187

No. 3

Sept/88 Allen Geological Engineering Ltd.

Per Alfred B. Allen P.Eng.