

80-4452-8137

GEOPHYSICAL SURVEYS

AND

DRILLING

R.H. STANFIELD PROPERTY

FORT STEELE M.D. B.C.

49° - 27' - 115° - 15' NTS 82G / 6E & /11W

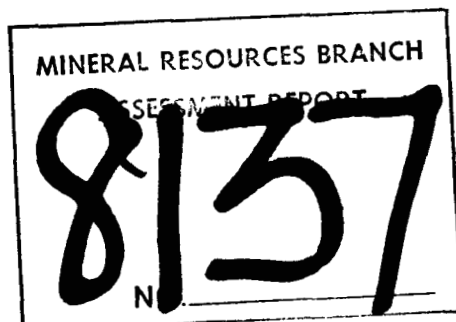
10-8-79 : 7-12-79

Cedar 1,2,3,4,9,11,13,14 : Dogwood 8,10,12,14

Alfred R. Allen, P.Eng.

July 28, 1980.

For: R.H. Stanfield
260 Three Calgary Place
355 4th Ave., S.W.
Calgary, Alberta



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

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REPORTS
ON
VLF-EM AND MAGNETOMETER SURVEYS
AND
DRILLING
ON
R.H. STANFIELD PROPERTY
FORT STEELE M.D. B.C.
NTS 82G/6E & 11W

INTRODUCTION

Geophysical investigations and test drilling comprised part of the exploratory work conducted during the past year on the Stanfield properties near Galloway, B.C.

The northwesterly extension of the copper-silver deposits on the Strathcona and Empire crown grant mineral claims was investigated by electromagnetic and magnetometer surveys over a 38 line kilometre grid area.

Partially exposed copper-silver and scattered lead-silver mineral showings, located from the large bend near the headwaters of Big Sand Creek and #4 Mountain, were investigated by an electromagnetic survey over a 96 kilometre grid. This large area has been divided into north and south plans for mapping convenience.

Anomalous zones outlined on both the Sand Creek and Strathcona-Empire grids warrant further investigations.

Diamond drill hole 6-79 was drilled and cased to 15 metres, but was abandoned for the year when the drill was partially destroyed by fire.

Overburden was tested to 27 metres by two churn drill holes on the Cedar #1 claim.

The purpose of the field work was to detect and outline extensions of mineralized zones where possible by electromagnetic and magnetic surveys.

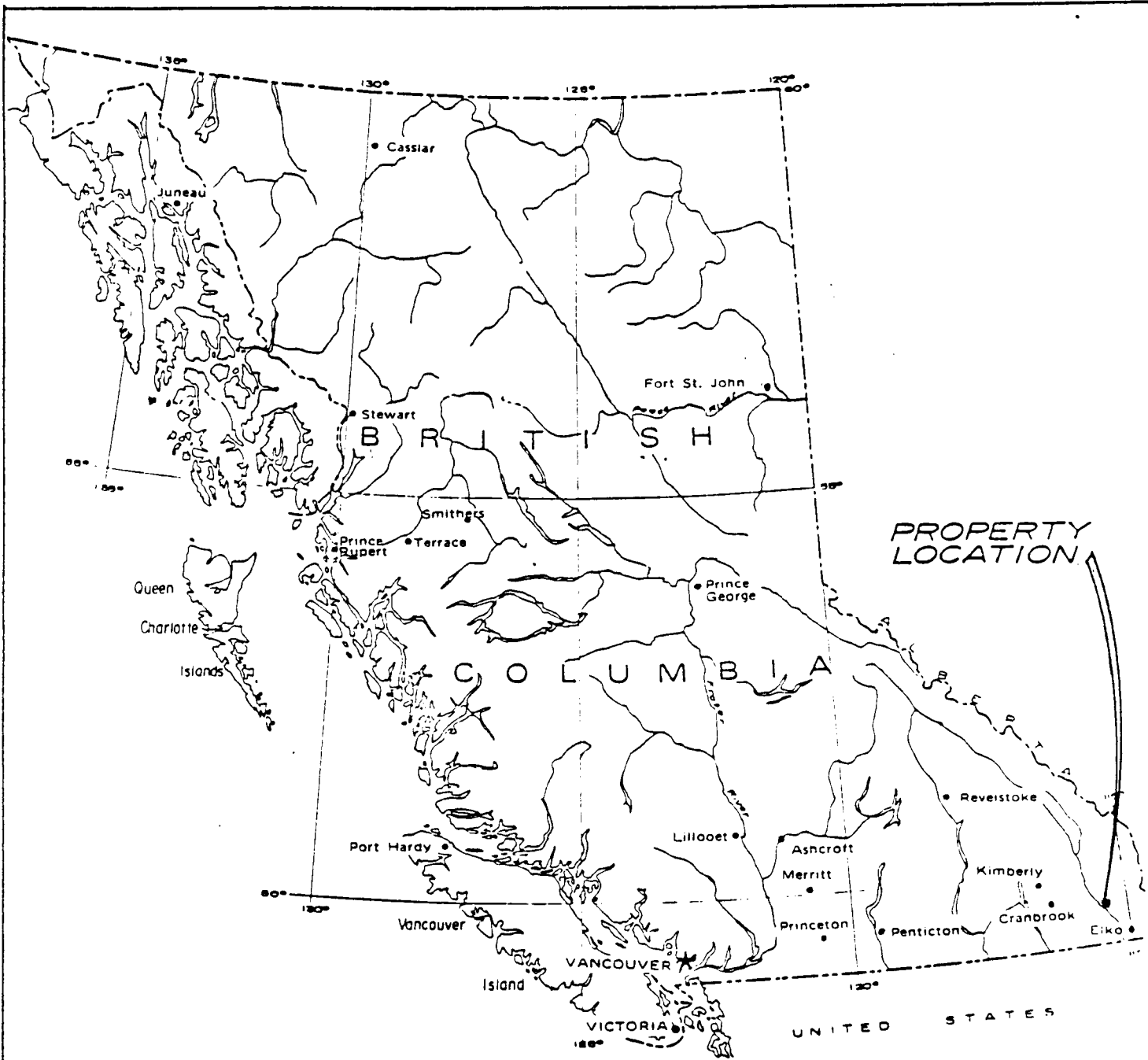
The object of this report is to record the geophysical techniques used and the results obtained as well as to recommend additional field work where necessary to assess more fully the mineral potential of the claims areas.

In compliance with requirements for assessment credit the costs involved have been distributed over the subject claims.

LOCATION AND ACCESSIBILITY

The R.H. Stanfield properties are located in the Fort Steele Mining Division, east of the Kootenay River, and extending over the Lizard Range into the Sand Creek drainage.

The settlements of Galloway and Elko are located in the southeast portion, and the Bull River in the northwest portion of the property. Cranbrook is 35 miles via Highway #3 to the west of Galloway.



PROPERTY
LOCATION

R.H. STANFIELD HOLDINGS

LOCATION MAP

SCALE: 1" = 136 MIs.

Drawn by	Date	ALLEN GEOLOGICAL ENGINEERING LTD
Checked by	30/6/90	
	Org no.	

ALTAIR

PROPERTY

The area upon which this report is based includes the following claims:

Cedar Group #3	Cedar 1 & 2 claims of 20 units
Cedar Group #4	Cedar 13 & 14 claims of 20 units
Cedar Group #6	Cedar 3 & 4 claims of 20 units
Dogwood Group #1	Dogwood 12 & 14 claims of 20 units
Dogwood Group #4	Dogwood 8 & 10 claims of 20 units.

Map #2 illustrates these locations.

HISTORY

Mining interest was first evident when Colonel Sam Steele acquired the Strathcona-Empire copper-silver-siderite-quartz vein system 3,000 metres northeast of Galloway in the 1890's.

Numerous surface showings of copper-silver and lead-silver mineralization have, over the intervening years, been partially exposed and additional mineral claims have been located by R.H. Stanfield.

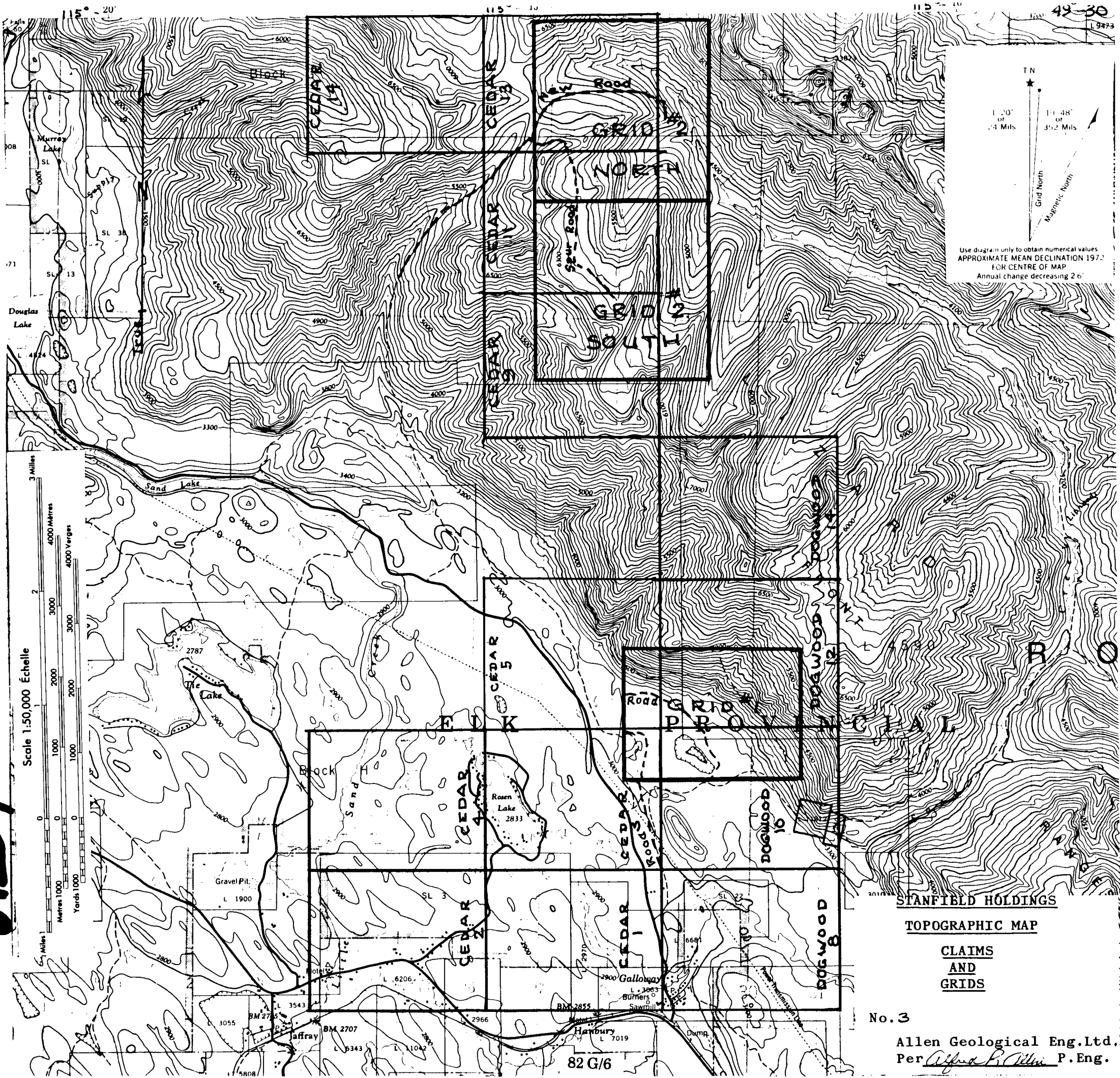
The Bull River mine, formerly operated by Placid Oil has been acquired by R.H. Stanfield.

Exploratory work is currently being conducted over the area.

TOPOGRAPHY

The R.H. Stanfield holdings extend from the Rocky Mountain Trench over the Lizard Range of the Rocky Mountains into the Big Sand Creek valley. The Kootenay River flows south in the Trench and the Bull River, Little Sand and Big Sand Creeks drain westerly into the river. Elevations range from 1000 metres in the trench to over 2,200 metres on the Rocky Mountain summits.

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GEOLOGY

The area is underlain by Precambrian, Aldridge and Creston argillite, argillaceous quartzite and quartzite. Major thrust faults, dipping westerly at low angles underlie the entire area at depth. Strong normal faults strike northwesterly and dip steep southwesterly. Subsidiary faults strike northeasterly and dip northwesterly.

Other than limited tight folds, the general attitude is northerly, dipping at low angles easterly.

Limited intrusives include dykes of granodiorite and diorite.

The copper-silver-gold-lead-bearing veins of the Bull River mine have been partially mined by Placid Oil Company. Previously, several cars of copper-silver ore were shipped from the vein deposits of the Strathcona-Empire claims.

Numerous surface showings of silver-lead and copper-silver have been partially exposed over the property.

Mineralized zones exposed to date are almost all in the Aldridge formation.

SURVEY CONTROLSGrid #1

The Strathcona-Empire grid is located northwest of the copper-silver-bearing quartz-calcite-siderite veins on the westerly upper slopes of the Lizard Range. The grid overlies parts of the Cedar 3 and 5 and Dogwood 10 and 12 claims.

East-west base lines are located along the south boundary and centre of the grid area. Cross lines directed north at 100 metre spacing have been surveyed over the accessible part of the grid area to date. Stations have been located at 25 metre intervals along each line and marked by flagging inscribed with each station location.

INDEX MAP

Stanfield Holdings-Ft. Steele M.D.

CLAIMS & GROUPS

Cedar 2, 3, 4, 6

Dogwood 1 & 4

GEOPHYSICAL SURVEYS

Area #1: VLF-EM & MAG.

Area #2N & #2S: VLF-EM

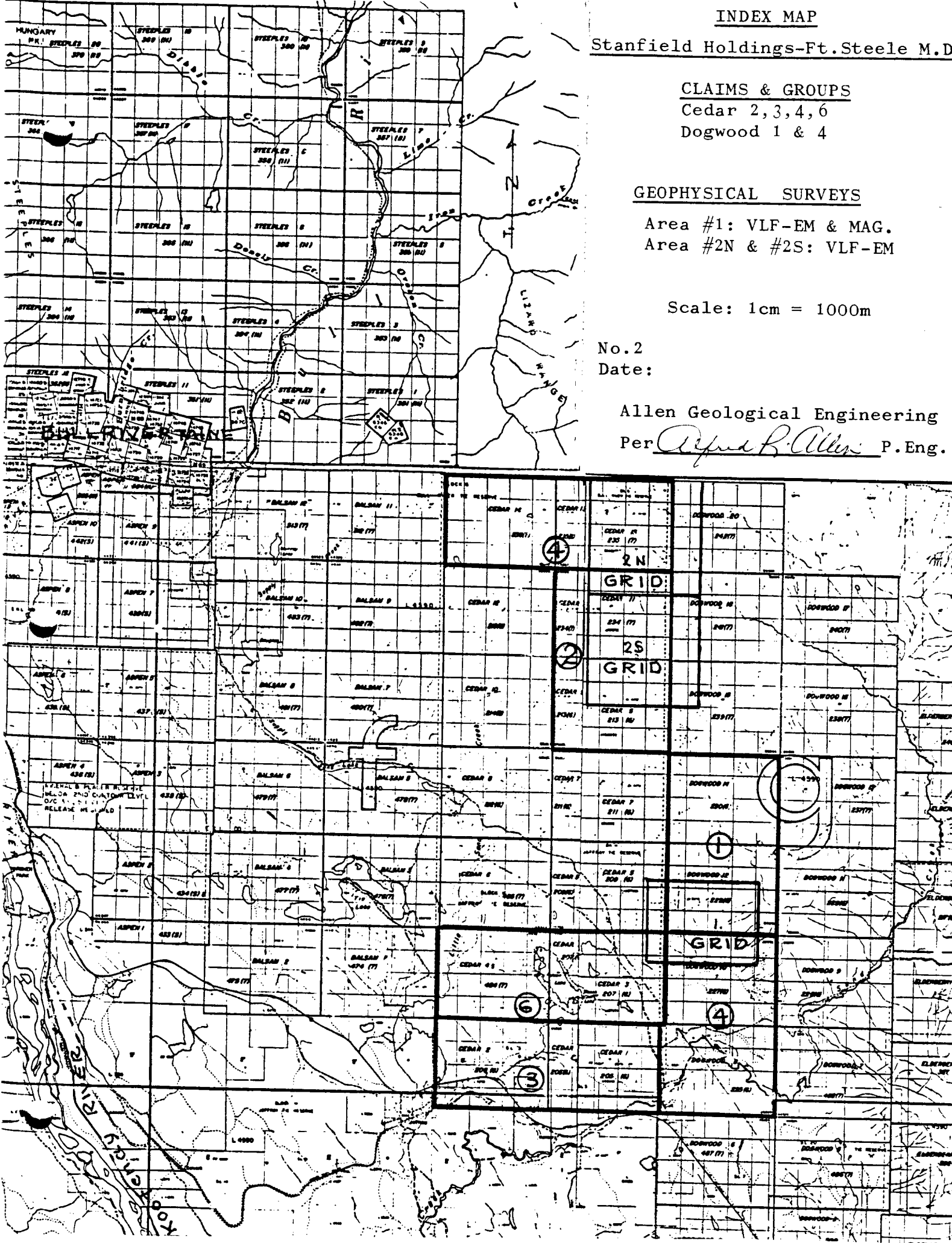
Scale: 1cm = 1000m

No. 2

Date:

Allen Geological Engineering

Per *Allen R. Allen* P. Eng.



Grid #2

The Sand Creek grid extends from the headwaters of Big Sand Creek south 5500 metres to the summit of #4 Mountain.

For mapping convenience it is divided into the north and south areas.

Copper-silver showings on the south side of Big Sand Creek, and fracture-fillings of silver-lead near the summit of #4 Mountain are included in the grid area. An east-west base line is located 3500 metres north of the south boundary of the grid.

From stations at 100 metre intervals along the base line, north and south lines extend to the grid boundaries. Stations have been located at 25 metre intervals along all lines, marked by flagging inscribed with grid location.

All lines have been surveyed by chain and Brunton compass.

VLF ELECTROMAGNETIC SURVEYS

Using Ronka 16 instrumentation, VLF EM surveys were conducted on grids over the Big Sand Creek and Strathcona-Empire Extension areas.

At all grid stations in-phase and quadrature dip angles were observed and recorded in a field book.

The VLF transmitter at Seattle was used for all locations except the southwesterly portion of Grid #2 - South Area, where the Maine transmitter provided clearer reception. The instrument was directed north for all Seattle reception and south for the Maine transmission.

In-phase tilt angles were "filtered" in accordance with the procedure devised by Teck Corporation consultants of Toronto. The filtered results are shown on Map #4 for the Strathcona-Empire Extension, on Map #6 for the North Area and Map #7 for the South Area of the Big Sand Creek grid.

MAGNETOMETER SURVEY

Using a McPhar M700 instrument, a magnetometer survey was conducted over the Strathcona-Empire Extension area.

The instrument was adjusted for latitude and diurnal variations were noted several times each day. Field notes were taken at all stations.

Field results were adjusted to provide the vertical component of the earth magnetic field in gammas.

Survey results are shown on accompanying Map #5.

SURVEY RESULTSGrid #1 - Electromagnetic Results

A well defined conductor was detected over a length of 1000 metres along the north boundary of the grid zone on the Cedar 5 and Dogwood 12 claims. A second conductor, south of the easterly extension of this zone may represent a displacement of 150 metres of the main conductor by a fault which lies along the nearby deeply incised creek. This conductor is 800 metres long.

On the westerly end of the main conductor zone a "split" or a "swing" is indicated by an irregular 200 metre conductor.

Southeast of the main conductor, about half way to the lowest adit on the Strathcona-Empire vein system, there is a weak conductor striking northeasterly for 180 metres.

Considering the local topography and the southwest dip of the Strathcona-Empire vein system, the conductor could represent the extension or a parallel vein system.

Grid #1 - Magnetometer Results

Variations in the vertical component of the magnetic field over this grid were minimal. Response ranged from a low of 580 to a spot high of 950 but most of the area registered in the 600 to 700 gamma range.

The 750-plus response along the north boundary from 5W to 13W may be derived from the same metallics detected by the EM survey.

Grid #2 North - Electromagnetic Results

This grid extends from Big Sand Creek where it flows from east to southeast, south to base line "C". Five conductors were detected, as follows:

<u>Conductor</u>	<u>Lines</u>	<u>Stations</u>	<u>Maximum</u>	<u>Remarks</u>
1.	15E-16E	51N-52N	44	Fault zone?
2.	12E-13E	25N-29N	42	NW for 200 m
3.	18E-20E	10N	42	E for 200m, small creek
4.	20E-open	37N	37	E of Big Sand Creek, open
5.	8E-10E	18N-21N	34	NW 200 m

Grid #2 South - Electromagnetic Results

This grid extends south to the cirque basin on the east side of #4 Mountain. The grid is tied to base line "C".

<u>Conductor</u>	<u>Lines</u>	<u>Stations</u>	<u>Maximum</u>	<u>Remarks</u>
6.	12½E-13½E	43S	44	East-west for 100m
7.	10E-113/4E	52S	97	Strongest conductor recorded, E-W 180m
8.	11½E-12½E	70S	41	East-west for 100m
9.	17E-19E	87S	33	East-west for 200m
10.	13¼E-15E	97S-100S	35	NW by W for 200m, open to east
11.	5½E-7½E	87S	27	East-west for 200m

Conductor zones 1, 3, and 4 are located on and near creeks which may have influenced the electromagnetic response.

Each area is worthy of detailed prospecting and electromagnetic surveying on a grid reduced to 25 metre lines with stations spaced at 12.5 metres along each line.

Conductor zones 2, 5, 6, 8, 10 and 11 warrant detailed prospecting.

Conductor zones 7 and 9 warrant detailed prospecting and electromagnetic checking on a 25 by 12.5 metre grid.

SUMMARY AND CONCLUSIONS

Two areas were selected for geophysical investigations on the Stanfield property in order to check the nature and extent of known mineral exposures. These were the Strathcona-Empire copper-silver showings on #1 Mountain, and the Big Sand Creek - #4 Mountain copper-lead-silver mineralized zones indicated by limited exposures.

Grid #1 was located over the indicated northwesterly extension of the Strathcona-Empire vein system. North-south lines at 100 metre intervals, with stations every 25 metres along each line, were surveyed by chain and compass. The grid area extends from the precipitous slopes of #1 Mountain below the copper-silver showings and onto the floor of the Rocky Mountain Trench.

Electromagnetic and magnetometer surveys were conducted over most of the grid area. A well-defined electromagnetic conductor was detected along the north boundary of the grid. The magnetic response was weak over the grid area, but the strongest detection of the vertical component of the magnetic field coincided with the western part of the electromagnetic conductor zone.

Grid #2 was located north of #4 Mountain and extended to the headwaters of Big Sand Creek. North-south lines at 100 metre intervals, with stations located every 25 metres along each line were surveyed by chain and compass. The grid was divided into north and south areas for mapping purposes.

An electromagnetic survey was conducted over the grid area. Five conductor zones were detected on the north and six on the south. Six conductor zones warrant checking by detailed prospecting, and five by electromagnetic surveys over grids reduced to 25 by 12.5 metres.

It is concluded that the electromagnetic conductor zones on areas 1 and 2, and the magnetometer response on the northwesterly boundary of area 1 be investigated by detailed prospecting and electromagnetic surveys over reduced grids.

RECOMMENDATIONS

The following work is recommended on grid areas #1 and #2.

Area #1

1. Prospect the #1 grid area and extend the electromagnetic investigation over a grid to the north, where practical, so far as the topography allows. If results warrant, over selected areas of the conductor zone re-run the electromagnetic survey on a grid reduced to 25 by 12.5 metres.
2. Where conditions warrant, sample the soil down slope from the conductor zone and assay for copper, silver and lead.
3. Where results warrant, strip and trench to provide bedrock information.

Area #2

1. Prospect conductor zones 2, 5, 6, 8, 10 and 11 thoroughly and provide a sketch map showing all outcrops.
2. Prospect conductor zones 1, 3, 4, 7 and 9 and provide a sketch map showing all outcrops.
3. Conduct electromagnetic investigations over each on a grid reduced to 25 by 12.5 metres.
4. Where results warrant soil sample selected areas and assay for copper, silver and lead.

Respectfully submitted,


Alfred R. Allen P.Eng.

REFERENCES

- B.C. Minister of Mines Reports, since 1898
- Leech, G.B., G.S.C. Fernie Map-Area Paper 58-10 1958
- Dundas, T.B.R., Galloway Area, Magnetic Survey 1973
- Allen, A.R., Report on Altemont Exploration Property 1967
R.H. Stanfield Holdings 1973
- Preliminary Report, Strathcona-Empire
Fissure Vein System 1976
- Geology and Ore Potential on the
Holdings of R. H. Stanfield 1976
- Fraser, D.C., Contouring of VLF-EM Data 1969

* * * * *

202 - 2025 Bellevue
West Vancouver, B.C.

July 28, 1980.

British Columbia Securities Commission
Vancouver, B.C.

Dear Sirs:

Re: R.H. Stanfield Property

I hereby consent to the use of my report dated July 28, 1980, on the Geophysical Surveys and Drilling on the R.H. Stanfield property, Fort Steele M.D. B.C., in any prospectus or statement of material facts or other material to be filed with the British Columbia Securities Commission or the Vancouver Stock Exchange by R.H. Stanfield.

Yours very truly,

Alfred R. Allen P.Eng.

Alfred R. Allen

CERTIFICATE

July 28, 1980.

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

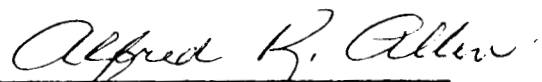
I am a member of the Association of Professional Engineers of the Province of British Columbia.

I have practised my profession for the past thirty-five 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 Geophysical Surveys and Drilling on the R.H. Stanfield Property, Fort Steele M.D. B.C., is based on supervision of the work on the property and consulting by the writer during the 1979 season.

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



Alfred R. Allen

APPENDIX

DRILLING REPORT

DIAMOND DRILL HOLE 6-79

R.H. STANFIELD PROPERTY

Cedar 13 235 (7)

Cedar 14 236 (7)

CHURN DRILL HOLES 1 & 2

STANFIELD PROPERTY

Cedar 1 205 (6)

Cedar 2 206 (6)

FORT STEELE M.D.

Alfred R. Allen, P.Eng.

July 28, 1980.

For:

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

By:

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

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MAPS:

1. Location
2. Index map
3. Topographic Map, Claims, Grids
8. Diamond Drill Hole 6-79
& Test Holes 1 & 2

* * * * *

DRILLING REPORT

INTRODUCTION

In order to test the underground potential of an area in which there are copper showings and an electromagnetic conductor zone, a diamond drill site was prepared near the central east boundary of the Cedar #13 claim.

Hole 6-79 was drilled and cased to a depth of 15 metres.

Between shifts the drill house, along with hoses and some drill attachments were partially destroyed by fire. As a consequence the job was terminated for the season.

In addition, two churn drill sites were located near the northeast corner of the Cedar #1 claim. These were drilled to test for gravel and depth to bedrock.

The costs of the drilling was applied to assessment credits for the Cedar #3 Group on June 17th. Only the costs to July 17th were included. This included 3 metres of Hole #2, but the hole was continued to 36 metres - the last 30 metres of which will be applied for the coming years assessment.

LOCATION AND ACCESSIBILITY

The Cedar 1-14 claims extend from Galloway to the headwaters of Big Sand Creek as shown on accompanying Maps 2, 3 and 8.

Diamond drill hole 6-79 is located near the central east border of Cedar 13, west of Big Sand Creek. The site is accessible by the improved road up Little Sand Creek.

Churn drill holes 1 and 2 are located near the northeast corner of Cedar 1 claim, east of the Galloway-Fort Steele road.

CLAIMS

The claims drilled are as follows:

- Group #3: 40 Units - Cedar #1-205(6) & Cedar #2-206(6)
- Group #4: 40 Units - Cedar #13-235(7) & Cedar #14-236(7)

GEOLOGY

Chalcopyrite, pyrite and pyrrhotite with minor galena occur in quartz-calcite-siderite veins within Precambrian Aldridge and Creston quartzite, argillaceous quartzite and argillite. In some fissures galena occurs with minor pyrite and chalcopyrite.

Folding is gentle with faults striking both northeast and northwest.

Limited intrusives include diorite, granodiorite and lamprophyre dikes.

DRILLING

Diamond Drill Hole 6-79

Core is on the property.

Road access was prepared to a drill site near the central east boundary of the Cedar 13 claim.

Copper-bearing veins occur in this area and favourable electromagnetic results have been mapped.

A Lonyear 44 diamond drill, owned by R.H. Stanfield was moved to the site and a hole was drilled and cased to a depth of 15 metres using N.Q. equipment.

3.

Between shifts the drill was seriously damaged by fire and the work was terminated for the season.

The crew was as follows:

Foreman: T. Thomas
Al Tracey
Mike Kerrigan
Joe Hunyadi

The Detailed Report and Financial Statement is included herewith. Locations are shown on Map #8.

Churn Drill Holes 1 & 2

Near the northeast corner of the Cedar #1 claim, two test holes 100 metres apart, were drilled to test the overburden, gravel and bedrock.

The work was contracted to Mr. Allan Jacobson of Wasa, B.C. A Speed Star churn drill was used and 20 cm casing was used on both holes.

The Detailed Report and Financial Statement is included herewith. Locations are shown on Map #8.

CONCLUSIONS

It is concluded that Diamond Drill Hole 6-79 should be drilled deeper during the 1980 field season.

It is unlikely that useable gravel may be available in the vicinity of Churn Drill Holes 1 and 2, and depth to bedrock has not been ascertained.

The costs for the drilling of percussion hole #2 from 3m to 36m will be applied for assessment credit in the coming season.

Respectfully submitted,

 P.Eng.
Alfred R. Allen

DIAMOND DRILL HOLE 6-79VERTICAL - 15m

Start: 14 - 11 - 79

DRILL Longyear #44

Terminated: 18 - 11 - 79

Owner, R.H. Stanfield

NTS 82G/6E

LOCATION

Near central east boundary of Cedar #13 claim.

ELEVATION 1,600 m A.S.L.LOG N.Q. wireline drilled and cased to 15m.COSTS STATEMENT

T. Thomas, Foremen,	@ \$9/hr, 40 hrs	\$ 360.00
A. Tracey,	@ \$7/hr, 40 hrs	280.00
M. Kerrigan,	@ \$7/hr, 40 hrs	280.00
J. Hunyadi,	@ \$7/hr, 40 hrs	280.00
Food & lodging 20 man days @ \$13/day		260.00
1 HD 16 Bulldozer 30 hrs @ \$35/hr		1050.00
1 3T Truck, 3 days @ \$45.00/day		135.00
2 3/4T 4wd Trucks, 5 days @ \$30.00/day		300.00
Casing, 15m @ \$150?m		2250.00
A.R. Allen, consultant		300.00
		<hr/>
		\$5495.00

CHURN DRILL HOLES 1 & 2VERTICAL

Start: 1 - 3 - 80

Complete: 16 - 7 - 80

DRILL Speed Star Churn Drill

NTS 82G/6E

CONTRACTOR: Allan Jacobson,
P.O. Box 11, Wasa, B.C.For: R.H. Stanfield, Galloway, B.C.LOCATION: Cedar #1 - 205(6), NE CornerELEVATION: 850 m ASLCASING: 20cm diameter

<u>LOGS</u>	<u>C.D.H. #1</u>	<u>C.D.H. #2</u>
0-1 m	Humus & soil	0-30 cm soil
1-3 m	Loose & silty gravel	30 cm - 3 m silty gravel
3-17 m	Hardpan	
17-21 m	Silty gravel - water	#2 100 m E of #1

COSTS STATEMENTS

C.D.H. #1	Mobilization, site preparation, setting up	\$ 500.00
	21 m @ \$92.00/m	1932.00
	Drive shoe	150.00
	Casing, 21 m @ \$33.60 /m	<u>706.00</u>
	Total	\$3288.00
C.D.H. #2	Tear down, site preparation, moving	\$ 200.00
	3 m @ \$92.00 /m	302.00
	Casing 3 m @ \$33.60 /m	110.00
	A.R. Allen, consultant	<u>200.00</u>
	Total	\$ 812.00
	Total Churn Drilling Costs	\$4100.00

GEOPHYSICAL SURVEYSCOSTS STATEMENT No.1Oct.19 - Dec.7/79R.H. STANFIELD CLAIMS

NTS 82G/6E

STRATHCONA - EMPIRE EXTENSION - AREA #1GROUPS: Cedar #6, Dogwood #1 & #4GRID 38 Line KilometresRONKA 16 VLF ELECTROMAGNETIC SURVEYMcPHAR 701 MAGNETOMETER SURVEYPERSONNEL & TIME

T. Thomas, foreman, intermittent, 20 days@\$104	\$2080.00
J. Hunyadi, instrument, Oct.19-Nov.3,Dec.1-7 28 days@\$95	2660.00
K. Pike, Helper, intermittent, 4 days @\$60	240.00
A. Tracey, helper, intermittent, 5 days @\$60	300.00
B. Skene, Axeman, intermittent 12 days @52	624.00
A.R. Allen, Consultant 12 days @\$200	2400.00
Food & lodging for all but B. Skene 57 days @\$13 and A. Allen	741.00

INSTRUMENT RENTALS

Ronka 16 EM 28 days @ \$15	420.00
McPhar 701 Magnetometer, 28 days @ \$11	308.00

<u>TRUCK</u> 3/4 Ton 4wd 28 days @ \$45	<u>1260.00</u>
Total	\$11033.00

<u>ALLOCATION:</u>	Cedar #6 Group,	\$2120.00
	Dogwood #1 Group,	6000.00
	Dogwood #4 Group,	<u>2300.00</u>
		\$10420.00

GEOPHYSICAL SURVEYCOSTS STATEMENT No. 2Aug.10 - Oct. 19/79R.H. STANFIELD CLAIMSNTS 82G/6EGROUP: CEDAR #4 BIG SAND - AREA #2GRID 96 Line KilometresRONKA 16 VLF ELECTROMAGNETIC SURVEYPERSONNEL & TIME

T. Thomas, foreman, intermittent,	30 days @ \$104	\$ 3120.00
J. Hunyadi, Instrument,	Aug. 10 - Oct. 18, 60 days @ \$95	5700.00
M. Tagseth, helper,	Aug. 12 - Sept. 7, 27 days @ \$60	1620.00
B. l'Herondele,	Sept. 14 - Oct. 11, 28 days @ \$85	2380.00
C. Finlay,	" " " " 28 days @ \$85	2380.00
K. Pike,	Sept. 21 - Oct. 18, 28 days @ \$60	1680.00
R. MacDonald	Sept. 22 - Oct. 19, 28 days @ \$55	1540.00
R. Fairweather	Aug. 12 - 14 3 days @ \$85	240.00
F. Gall	Aug. 18 - 24 7 days @ \$85	595.00
Food & lodging	239 days @ \$13.00	3107.00
A.R. Allen, consultant,	30 days @ \$200.00	6000.00

INSTRUMENT RENTAL

Ronka 16 EM	60 days @ \$15.00	900.00
Truck 3/4 ton 4wd	60 days @ \$45.00	2700.00
	Total	\$31,962.00

ROAD WORKGrid #2 Sand Creek

The Little Sand Creek road was cleared and improved and 5.5 kilometres of road extended through the Cedar 13 claim. The width is 4 to 5 metres.

One D9 H Caterpillar bulldozer and HD16 A.C. bulldozer were used. The crew included a foreman and 3 men.

Grid #1

Road work was completed across the southwest corner of the grid, across parts of Cedar 5, Dogwood 12 and Dogwood 10 claims to facilitate the geophysical surveys. Length of road work is 2 kilometres and width is 4 to 5 metres.

A D9 H bulldozer was used. The crew included a foreman and 2 men.

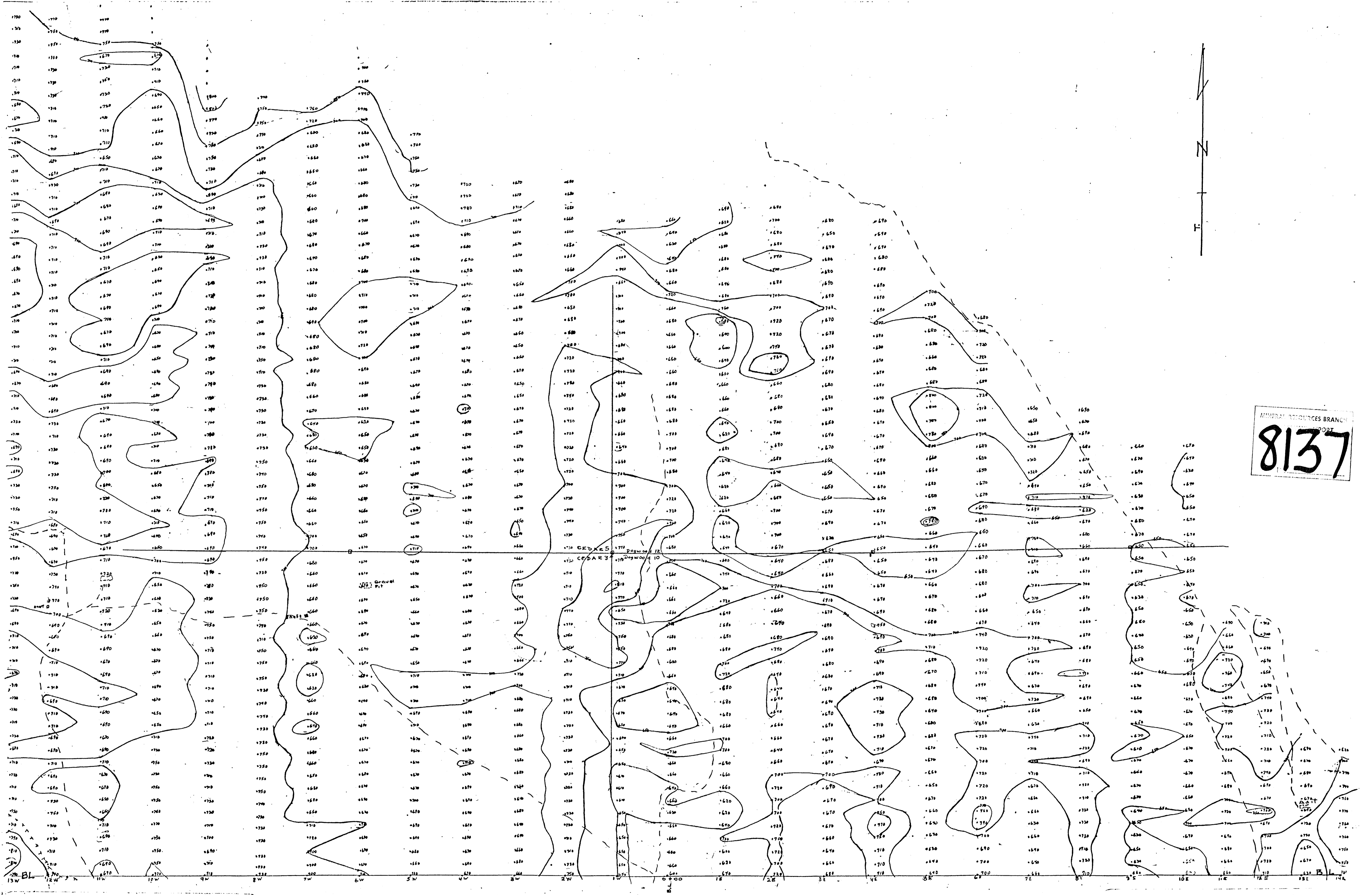
Road work was completed to and across the southwest corner of the grid, on the eastern part of the Cedar #3 claim to provide access for the geophysical surveys. Length is 2.1 kilometres and width is 4 to 5 metres.

A D9H bulldozer and Champion road grader were used. The crew included a foreman and 2 men.

For all the roads, a chain saw, tools and a 4 wd 3/4 truck were used.

The roads are shown on accompanying map #3.

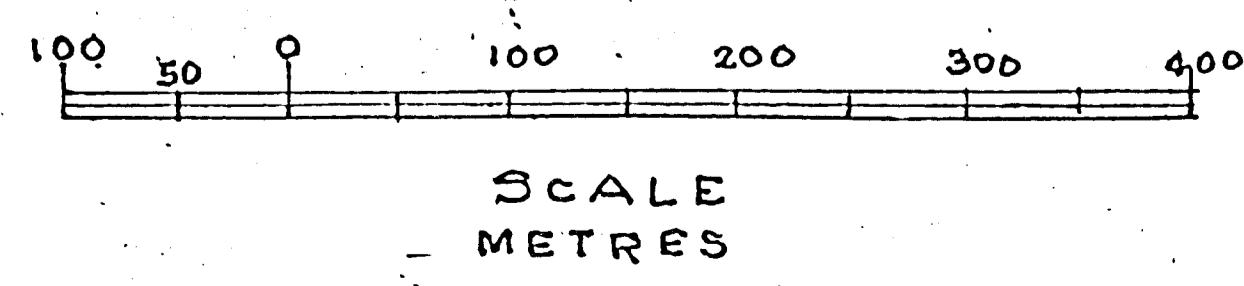
Alfred B. Allen P. Eng.



MINERAL RESOURCES BRANCH
 PORT
8137

LEGEND
 McPhar M-700 Instrument
 (Magnetometer)

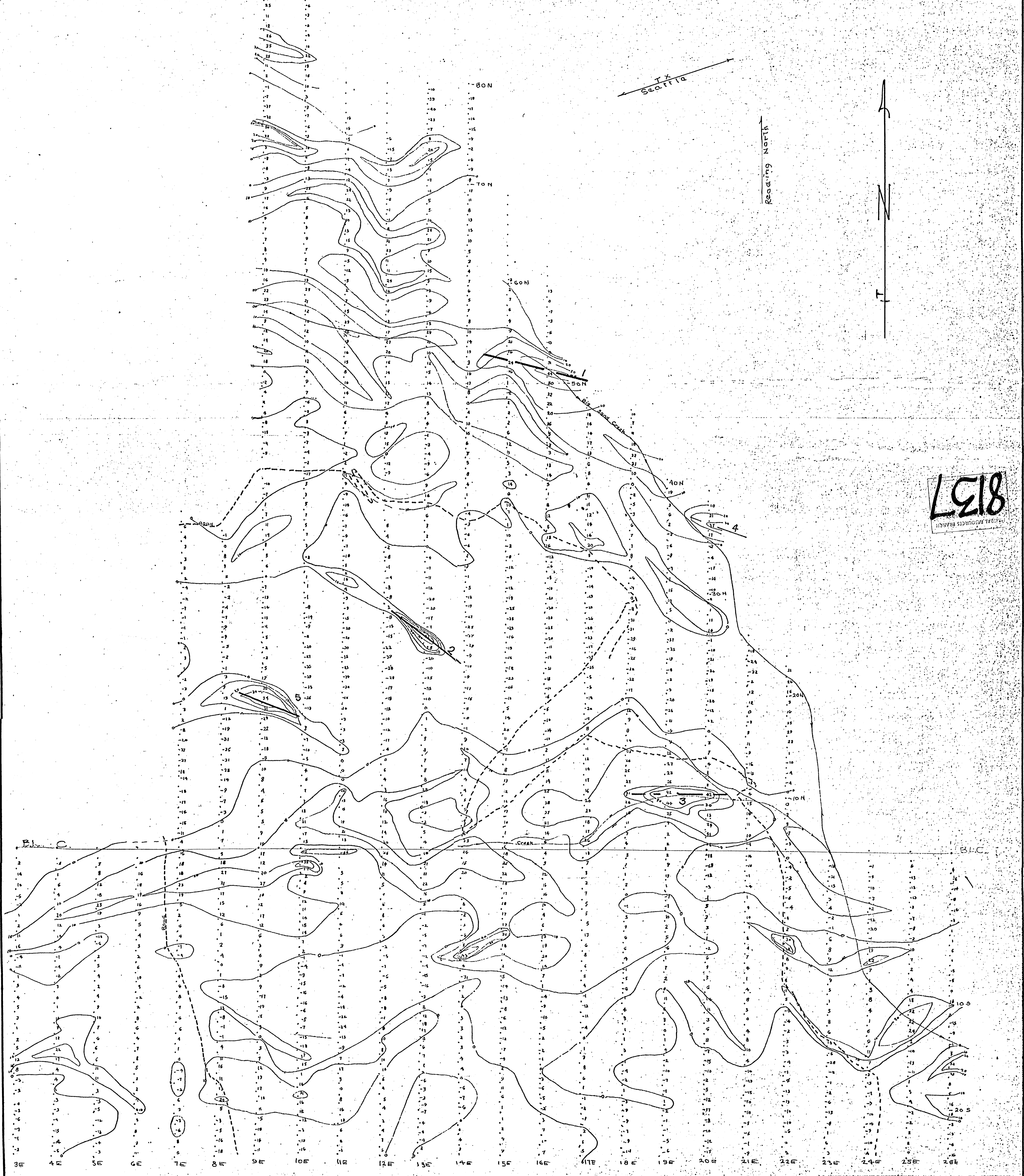
Vertical Component
 20 Gamma Intervals 0-111
 Hydro Line
 Roads



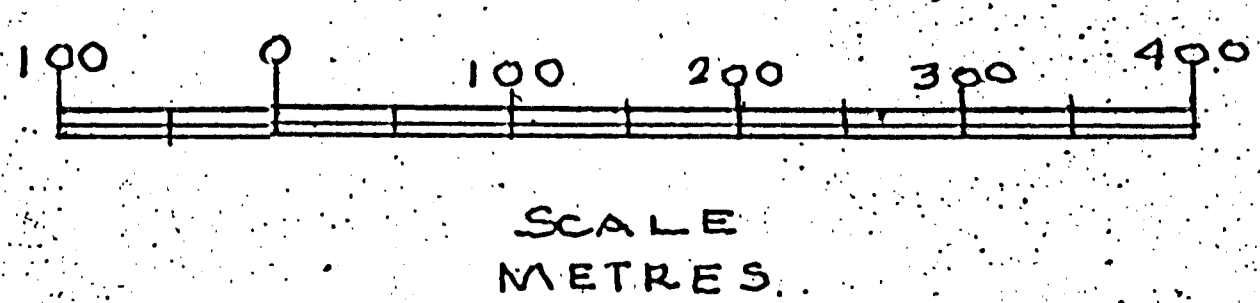
STANFIELD HOLDINGS
STRATHCONA EMPIRE EXTENSION
FORT STEELE M.D.
ISOMAGNETIC PLAN

No. 5
 Date: 30/6/90
 Allen Geological Engineering Ltd.
 Per *[Signature]* P. Eng.

GRID # 1



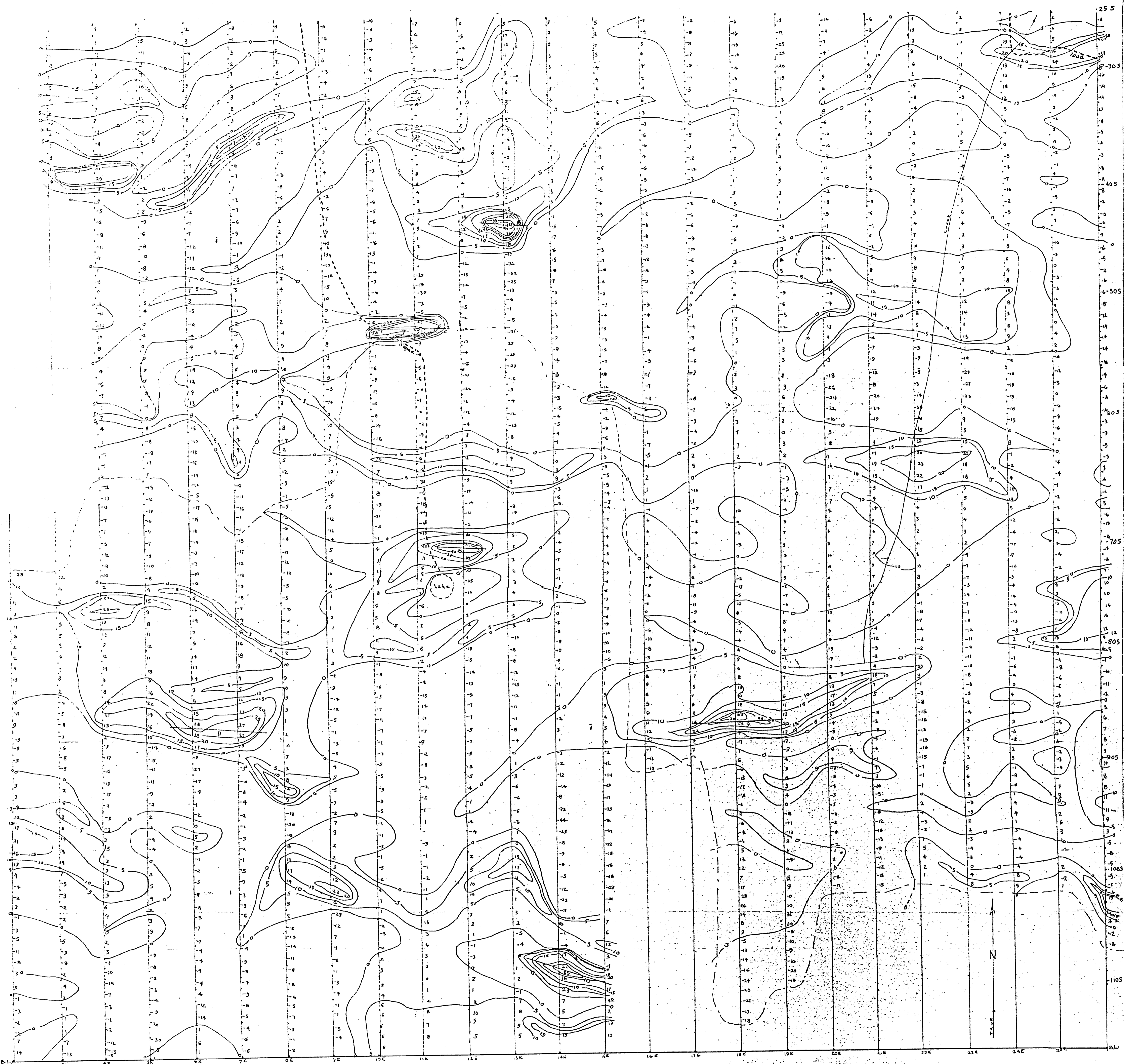
8137
 METAL RESOURCES BRANCH



STANFIELD HOLDINGS
 BIG SAND CREEK AREA
 FORT STEELE M.D.
 ELECTROMAGNETIC SURVEY
 VLF - EM FILTERED

No. 6
 Date: 30/6/80
 Allen Geological Engineering Ltd
 Per *Clifford S. Allen* P. Eng.

GRID #2 NORTH AREA

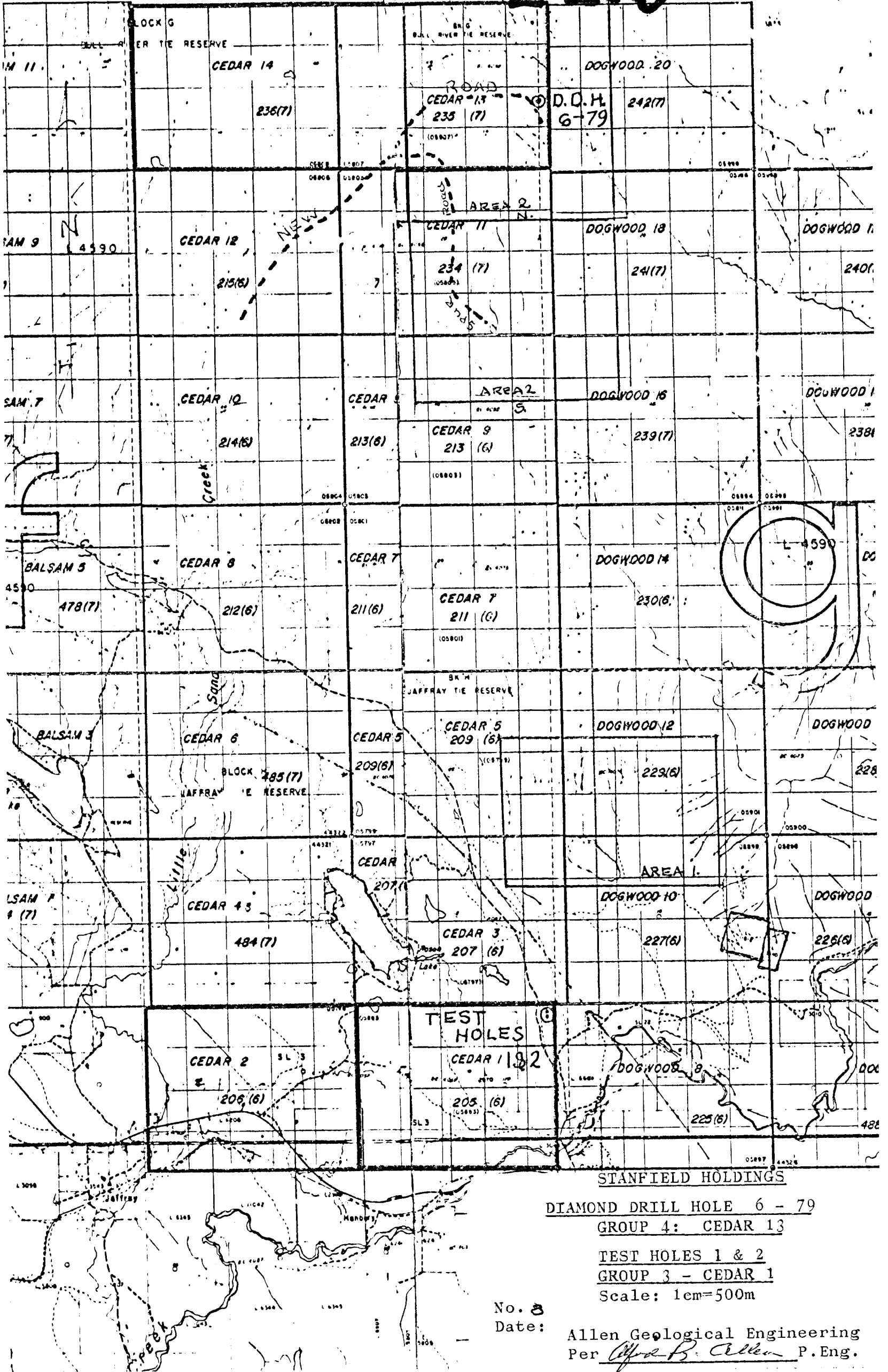


8137

MINERAL RESOURCES BRANCH
8137
 STANFIELD HOLDINGS
 BIG SAND CREEK GRID AREA
 FORT STERLE M.D.
 ELECTROMAGNETIC SURVEY
 Grid # 2
 SOUTH AREA
 VLF - E.M. FILTERED
 Scale 1cm = 50m
 No. 7
 Date
 ALLEN GEOLOGICAL ENGINEERING LTD.
 Per. *Allen* P.E.M.A.

NORTH OF THIS LINE
 SOUTH OF THIS LINE

LE18



STANFIELD HOLDINGS

DIAMOND DRILL HOLE 6 - 79
GROUP 4: CEDAR 13

TEST HOLES 1 & 2
GROUP 3 - CEDAR 1
Scale: 1cm=500m

No. 3
Date:

Allen Geological Engineering
Per Allen B. Allen P.Eng.