

83-#726 - 11893
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REPORT ON
DIAMOND DRILLING PROGRAMME
ROYAL '5' CLAIM
SLOCAN MINING DIVISION

LATITUDE: 50⁰ 14' N, LONGITUDE: 117⁰ 35' W

NTS LOCATION 82K/4

GOLDSTREAM RESOURCES LTD.

OPERATOR: R. Cameron
CONSULTANT: G. McConnell, M.A.Sc.
AUTHOR: G. McConnell, M.A.Sc.

DATE: October 12, 1983 Vancouver B.C.

**GEOLOGICAL BRANCH
ASSESSMENT REPORT**

11,893

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INTRODUCTION:

1) Location and Access:

The property is located on the Wilson Lake road approximately 15 kilometers east of the town of Nakusp on Upper Arrow Lake. The property can be reached via a good dirt road in 30 minutes from Nakusp.

The claims are located in the Slocan Mining Division (Mineral Claim Map 82K/4E) at latitude 50⁰ 14' N, longitude 117⁰ 35'W. The topography rises steeply from the Wilson Lake valley at 1000 metres elevation to 1600 metres on the northern edge of the property.

2) Property, History and Economic Assessment:

The property consists of 18 claim units known as 'Royal 5, Record No. 3185 (10)'.

The registered owners are:

GOLDSTREAM RESOURCES LTD.

The operator for the current work is R. Cameron.

The property has no known history of exploration, but is located in an area of current interest. (La Teko- Esperanza) for gold-quartz deposits.

3) Summary of Work Done:

A total of 11 holes were drilled on the 'Royal 5' claims. These were put down in three separate locations (see Map No. 2, Drill Hole Plan). No core was recovered in four of the holes which were lost in overburden. The total of footage in the 11 holes was 1009 feet.

TECHNICAL DATA & INTERPRETATION

Drill hole logs for the eleven holes are attached (pages 8-19) inclusive.

A plan of the drill holes is shown on Map No. 2. These were drilled from three locations on the South shore of Little Wilson Lake.

The holes were drilled to test possible faults or shear zones interpreted from air photos. Evidence of shearing was encountered in a number of the holes in the form of sericite schist, with weak pyrite mineralization. Numerous porphyritic syenite dykes mineralized with up to 3% pyrite and in places minor molybdenite(?) were encountered.

The possibility exists that the sections drilled represent minor structures associated with a major E-W fault system striking through the Wilson Lake Valley.

A large drill will be required to test the above theory and it is recommended that two or three holes of 500 feet depth, be drilled north under Little Wilson Lake.

ITEMIZED COST STATEMENT

GOLDSTREAM RESOURCES LTD.

DIAMOND DRILLING PROGRAM ROYAL '5' CLAIM

WILSON LAKE AREA, - SLOCAN MINING DIVISION

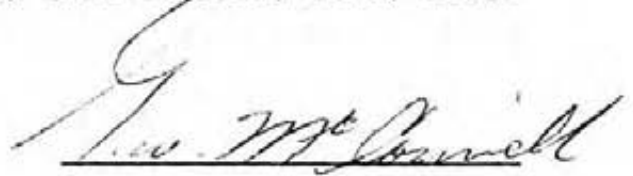
a)	Contract diamond drilling R. Cameron, contractor 1009 feet @ \$18/foot	\$18,162.00
b)	MOB Demob	4,000.00
c)	Rentals, Accomodation etc.	5,900.00
d)	Administration, Supervision	3,160.00
e)	Engineer Reports, maps & Logs, Assays	<u>3,278.00</u>
	Total Costs.....	<u>\$34,500.00</u>

AUTHOR'S QUALIFICATIONS

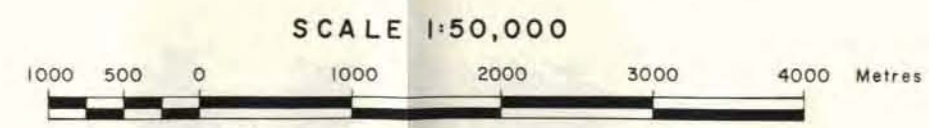
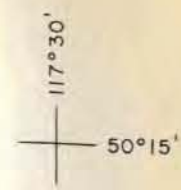
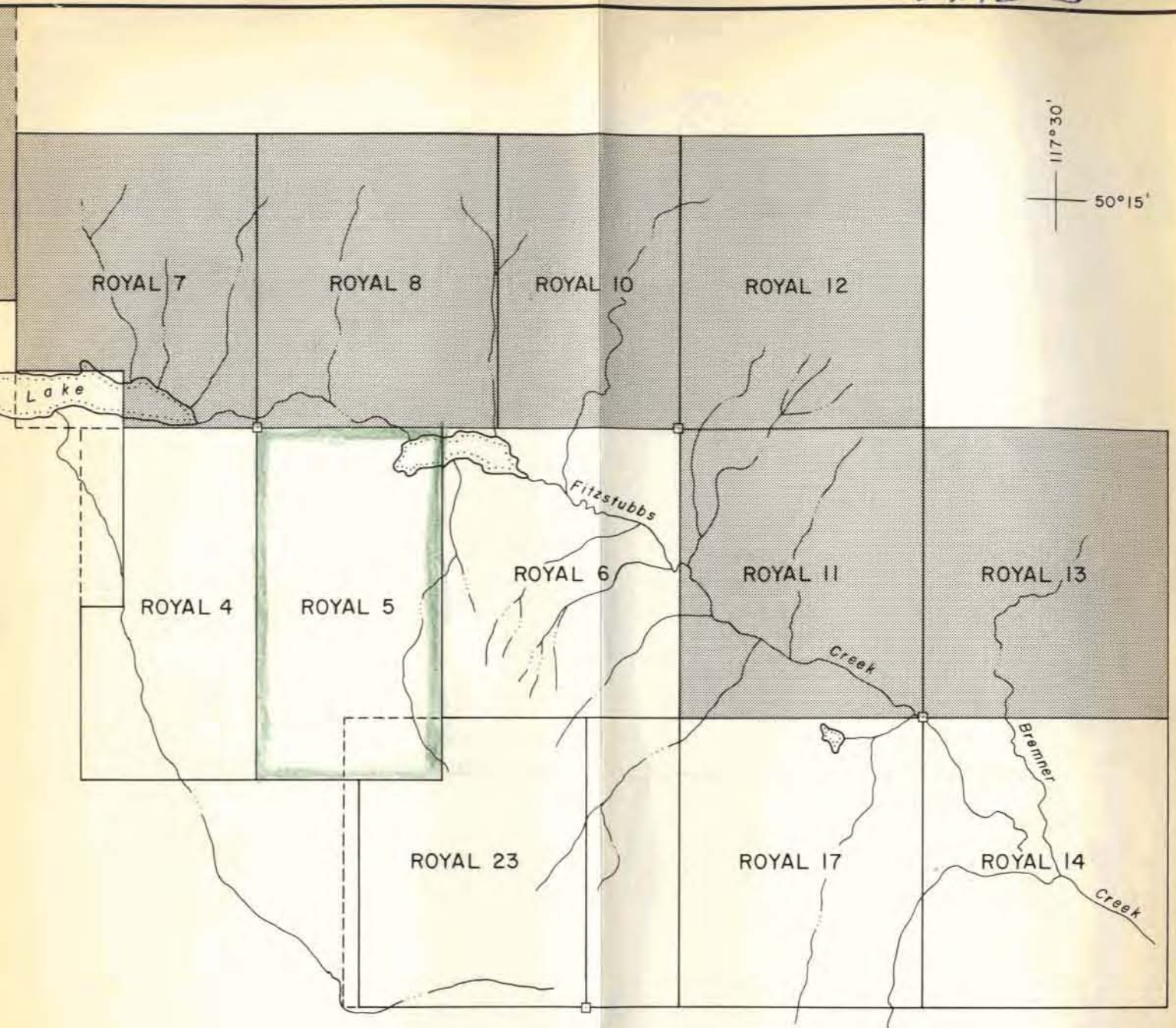
I, George W. McConnell, of the City of Vancouver, British Columbia, the author of this report, hereby submit that I have the following qualifications;

1. Graduate Geological Engineer, B. A. Sc.
University of Toronto, 1957
2. Master of Applied Science, M.A. Sc. Economic Geology.
University of Toronto, 1957.
3. Have practiced my profession continuously since 1957 and have had broad experience in mining exploration in Canada and overseas. More specifically, I have over 10 years experience as a consultant in the Northwest Territories, Yukon and British Columbia, and have acted as a consultant for the Canadian International Development Agency in Malaysia, for United States Steel Corporation, in Australia, Papua New Guinea, and Indonesia, and as Assistant Chief Government Geologist, Department of Minerals and Energy, Papua New Guinea, and for Anaconda Australia Inc. in Australia.
4. I personally examined and worked on the subject property in September, 1983.
5. I have compiled this report and drawn conclusions from my own personal observations and work and from published reports.
6. My sole remuneration for this report is the professional fee charged during the course of the work and I have no interest in the property, nor do I expect to receive any interest.

Dated at Vancouver, British Columbia, this October, 12th, 1983.

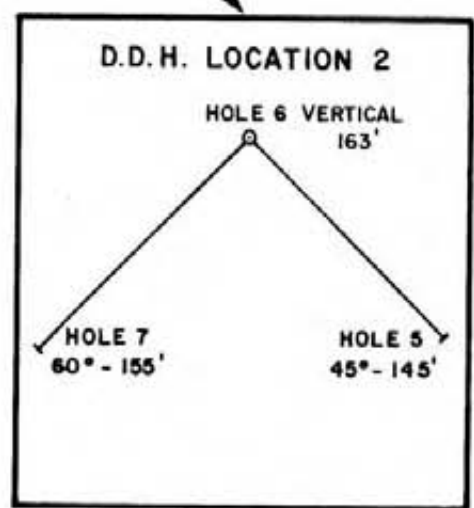
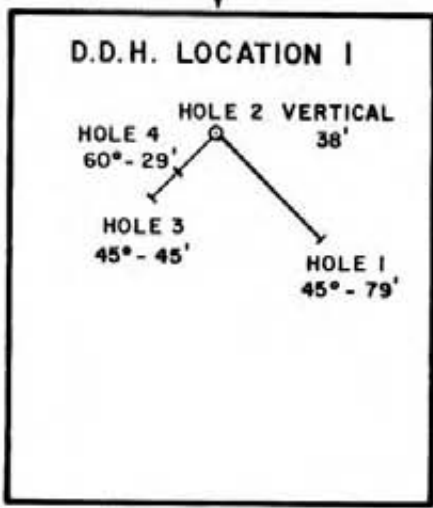
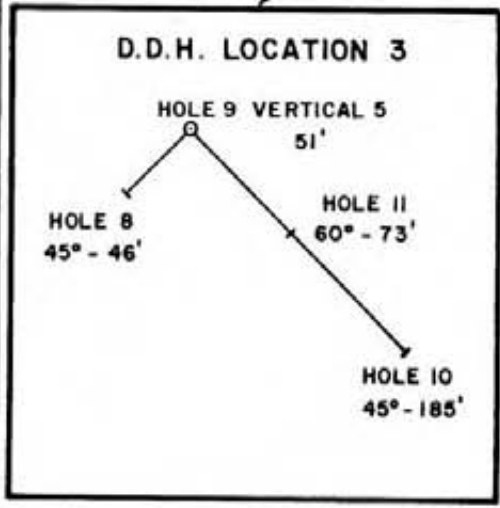
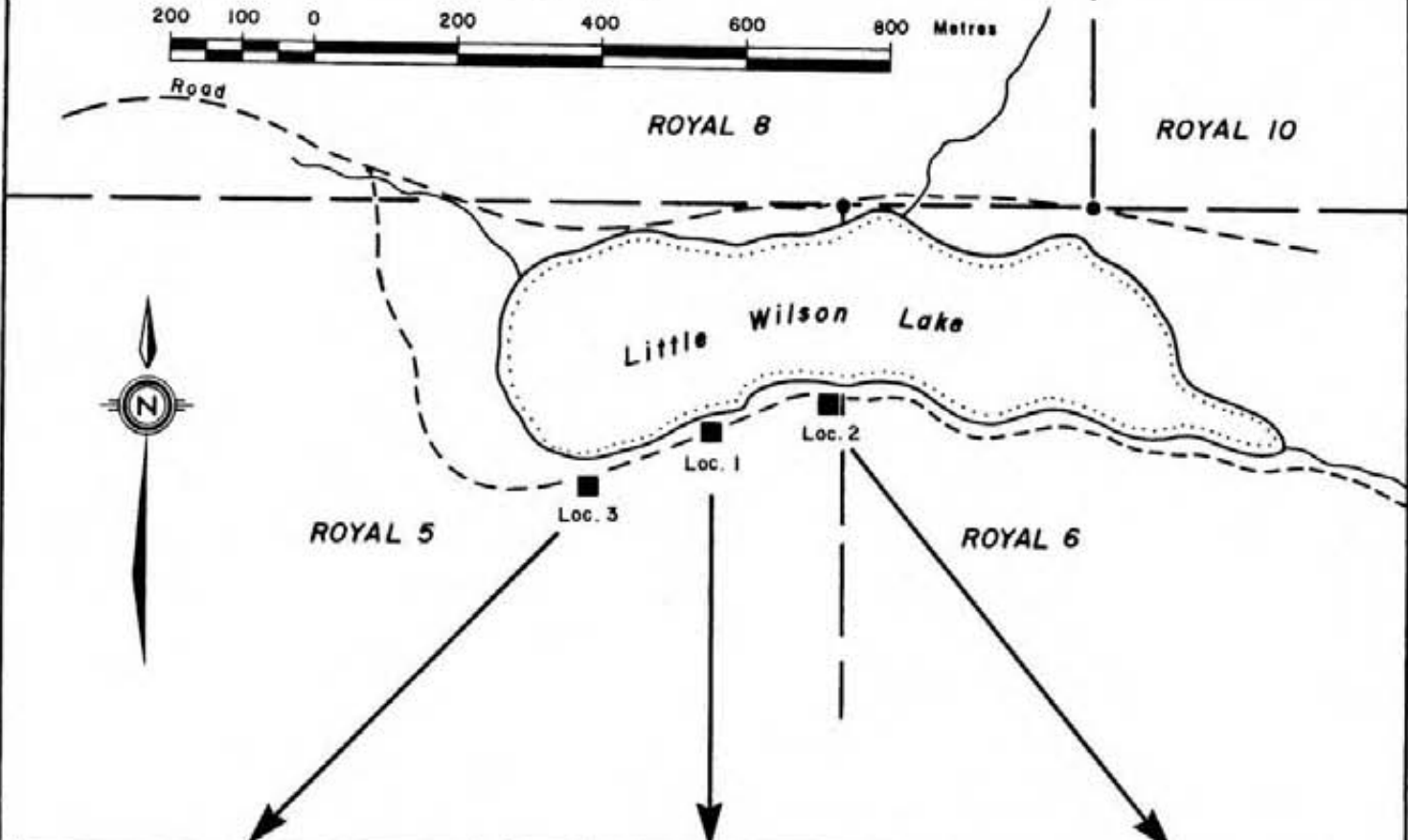
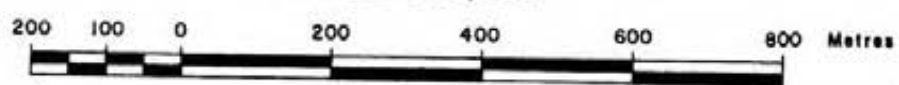


George W. McConnell
B.A. Sc. M.A. Sc.



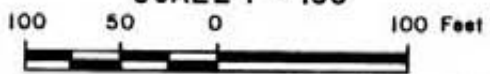
ROYAL 5 CLAIM			
LOCATION MAP			
DATE OCT. 1983	DRAWN G. W. M.	N.T.S 82K/4E	MAP NO. 1
Revised _____			

SCALE 1:10,000



ENLARGEMENTS

SCALE 1" = 100'



GOLDSTREAM RESOURCES LTD.			
ROYAL 5 CLAIM			
DRILL HOLE PLAN			
N.T.S. 82 K/4E	DRAWN	DATE OCT. 83	MAP NO. 2
Revised _____			

DIAMOND DRILL HOLE LOG

CLAIM: Royal 5
LOCATION: Wilson Lake
82K/4

HOLE NO.: 1
DIP: 45⁰
AZIMUTH: 135⁰
DEPTH: 79.0
CORE SIZE: XRT

CO-ORDINATES:

892701 2000 1100 1000

FOOTAGE:

SAMPLING:

FROM: TO:

DESCRIPTION:

FROM: TO:

22.0 - 40.0

ALTERATION ZONE

Light to dark brown silicified and sideritic breccia zone. with quartz stringers.
2% sulphides - pyrite, minor galena, chalcopyrite, molybdenite (?) and an unidentified grey metallic.

40.0 - 51.0

SERICITE SCHIST

Schistose grey sericite-quartz zone. Schistosity and banding at 50⁰ - 60⁰ to core axis.

51.0 - 79.0

SERICITE SCHIST & SILICIFIED ZONE

Alternating bands of grey sericitic schist and massive brown sideritic (?) siliceous zones. Minor disseminated pyrite (1 - 2%) fine crystalline galena, very minor molybdenite and an unidentified grey metallic, very minor chalcopyrite. Schistosity at 45 - 50⁰ to core axis.

E.O.H @ 79.0'

LOGGED BY:

[Signature]

Sample 3 30.0 - 35.0

Sample 4 53.0 - 63.0

DIAMOND DRILL HOLE LOG

CLAIM: Royal 5

HOLE NO. 2

LOCATION: Wilson Lake 82K/4E

DIP: Vertical

AZIMUTH:

CO-ORDINATES:

DEPTH: 38.0'

CORE SIZE: EXT

FOOTAGE:

SAMPLING:

FROM: TO:

DESCRIPTION:

FROM: TO:

0 - 27.0

Casing (no core)

27.0 - 38.0

Syenite - Grey porphyritic coarse
grained intrusive Chloritic alteration
minor shearing and pyrite mineralization.

E.O.H. @ 38.0'
Lost Hole

LOGGED BY:



DIAMOND DRILL HOLE LOG

CLAIM: *Royal 5*
LOCATION: *WILSON LAKE*
B2 K / AE

HOLE NO.: 3
DIP: 45⁰
AZIMUTH: 225⁰
DEPTH: 45.0'
CORE SIZE: EX

CO-ORDINATES:

FOOTAGE:

SAMPLING:

<u>FROM:</u>	<u>TO:</u>	<u>DESCRIPTION:</u>	<u>FROM:</u>	<u>TO:</u>
0	45.0	CASING (no core)		
		Hole lost @ 45.0'		

LOGGED BY: *Geo MacLennan*

DIAMOND DRILL HOLE LOG

CLAIM: Royal 5
LOCATION: Wilson Lake

HOLE NO.: 5
DIP: 45⁰
AZIMUTH: 135⁰
DEPTH: 145.0'
CORE SIZE:

CO-ORDINATES:

FOOTAGE:

SAMPLING:

FROM: TO:

DESCRIPTION:

FROM:

TO:

0 - 16.0

Casing (no core)

16.0 - 21.0

Black Argillite
Minor pyrite xtaline diss.

21.0 - 70.0

White Syenite-porphyratic
2% diss py. Limonite on fracture
Narrow argillite-phyllite.

*21.0 - 30.0
SAMPLES*

70.0 - 75.0

Lost Core

75.0 - 134.0

Black-grey Argillite & Phyllite
Schist. Variable mostly steep., but
ptygmatic folding.
Minor quartz veinlets

*Sample 1
1C*

134.0 - 139.0

White Syenite

139.0 - 143.0

Phyllite Grey Narrow qtz veinlets

143.0 - 144.2

Syenite

144.2 - 145.0

Phyllite

E.O.H. 145.0'

LOGGED BY:

[Signature]

DIAMOND DRILL HOLE LOG

CLAIM: Royal 5

HOLE NO.: 6

LOCATION: Wilson Lake Area

DIP: Vertical

AZIMUTH: ---

CO-ORDINATES:

DEPTH: 163.0'

CORE SIZE: EX

FOOTAGE:

SAMPLING:

<u>FROM:</u>	<u>TO:</u>	<u>DESCRIPTION:</u>	<u>FROM:</u>	<u>TO:</u>
0	20.0'	CASING (no core)		
20.0	36.0	<u>PHYLLITE - ARGILLITE</u> Grey to Black Schistosity @ 60 ⁰ - 90 ⁰ to core axis. Minor folding evident. 2% crystalline disseminated pyrite. White syenite dyke at 20.1 - 22.0' Irregular contacts.		
36.0	43.5	<u>SYENITE & SERICITE SCHIST</u> White to grey green alteration zone. 2 - 3% disseminated pyrite.		
43.5	81.5	<u>ARGILLITE & SERICITE SCHIST</u> Banded grey and black argillite and grey-brown sericite schist. A few narrow altered (serici- tic) syenite (?) dykes Minor disseminated pyrite. Schistosity at 60 - 90 ⁰ to core axis. (Lost core 69.0' - 72.0')		
81.5	86.5	<u>LOST CORE</u>		
86.5	112.5	<u>GABBRO</u> Green black olivene rich gabbro Minor pyrite (Lost core 91.5 - 96.5)		
112.5	141.0	<u>SERICITE SCHIST</u> con'd page 2		

LOGGED BY: J. W. McConnell

CLAIM:HOLE NO. 6 con'dLOCATION:DIP:AZIMUTH:CO-ORDINATES:DEPTH:CORE SIZE:FOOTAGE:SAMPLING:FROM: TO:DESCRIPTION:FROM:TO:

Grey white siliceous schistose zone. Narrow white syenite dykes and quartz veinlets throughout. A few thin grey argillite bands 2 - 3% disseminated crystalline pyrite. Schistosity @ 80⁰ to core axis.

141.0 146.0

ARGILLITE

Black, banded schistosity @ 70⁰ to core axis 3% disseminated crystalline pyrite.

146.0 156.2

SYENITE

Grey white dyke. Contacts not defined. 2% disseminated pyrite Limonite and hematite on fine fractures.

156.2 163.0

SERICITE SCHIST & ARGILLITE

Banded zone of alternating grey schist and dark grey argillite. Schistosity @ 60⁰ to core axis. Minor disseminated crystalline pyrite.

E. O. H. @ 163.0'

LOGGED BY:

*A. W. McNeill**Sample 9 146.0 - 154.5*

DIAMOND DRILL HOLE LOG

CLAIM: Royal 5
LOCATION: Wilson Lake Area

HOLE NO.: 7
DIP: 60⁰
AZIMUTH: 225⁰
DEPTH: 155.0'
CORE SIZE: EX

CO-ORDINATES:

FOOTAGE:

SAMPLING:

<u>FROM:</u>	<u>TO:</u>	<u>DESCRIPTION:</u>	<u>FROM:</u>	<u>TO:</u>
0	44.0	CASING (no core)		
44.0	59.0	<u>ALTERED PHYLLITE</u> Grey-brown sericitic Narrow white quartz veinlets. Very minor disseminated pyrite. Minor limonite on fine fractures. Schistosity @ 80 ⁰ to core axis.		
59.0	87.0	<u>BLACK ARGILLITE</u> Very minor quartz veinlets 2 - 3% crystalline pyrite. Schistosity at 80 ⁰ -90 ⁰ to core axis.		
87.0	88.5	<u>PORPHYRITIC SYENITE</u> Dyke-upper contact @ 75 ⁰ to core axis Minor disseminated pyrite. Limonite on narrow fracture.		
88.5	94.5	<u>BLACK & GREY ARGILLITE</u> Schistosity well developed at 75 ⁰ - 90 ⁰ to core axis. 3 - 4% disseminated crystalline pyrite. Minor ptygmatic quartz veining. Small porphyritic syenite dyke at end of section.		
94.5	112.0	<u>GABBRO</u> Dark green coarse grained olivene rich gabbro Minor white syenite dykes.		

Sample 5

LOGGED BY: *J. W. McConnell*

DIAMOND DRILL HOLE LOG

CLAIM:

HOLE NO. 7 con'd

LOCATION:

DIP:

AZIMUTH:

CO-ORDINATES:

DEPTH:

CORE SIZE:

FOOTAGE:

SAMPLING:

<u>FROM:</u>	<u>TO:</u>	<u>DESCRIPTION:</u>	<u>FROM:</u>	<u>TO:</u>
112.0	115.0	<u>LOST CORE</u>		
115.0	129.5	<u>GREY ARGILLITE & PHYLLITE</u> Schistosity variable from 30 ⁰ - 80 ⁰ to core axis. Minor disseminated pyrite.		
129.5	142.5	<u>SYENITE</u> White, porphyritic medium grained. 2-3% disseminated pyrite. Limonite on very narrow fractures. Phyllite inclusions from 135.5' 138.5' partially altered to grey-brown.		
142.5	155.0	<u>SYENITE & ALTERED SCHIST</u> Mixed zone Schistosity @ 80 - 90 ⁰ to core axis. Minor disseminate crystalline pyrite.		

E. O. H. @ 155.0'

LOGGED BY:

C. W. McLeod

DIAMOND DRILL HOLE LOG

CLAIM: *ROYAL 5*
LOCATION: *WILSON LAKE*

HOLE NO.: 8
DIP: 45⁰
AZIMUTH: 225⁰
DEPTH: 46.0'
CORE SIZE: EX

CO-ORDINATES:

FOOTAGE:

SAMPLING:

<u>FROM:</u>	<u>TO:</u>	<u>DESCRIPTION:</u>	<u>FROM:</u>	<u>TO:</u>
0	46.0'	CASING (no core)		
		Hole lost @ 46.0'		

LOGGED BY: *A. W. Corbett*

DIAMOND DRILL HOLE LOG

CLAIM: Royal 5

HOLE NO. 10

LOCATION: Wilson Lake Area

DIP: 45⁰

AZIMUTH: 135⁰

CO-ORDINATES:

DEPTH: 185.0

CORE SIZE: EX

FOOTAGE:

SAMPLING:

FROM: TO:

DESCRIPTION:

FROM:

TO:

0 41.0

Casing (no core)

41.0 48.0

BLACK SHALE & ARGILLITE

Partly phyllitic zone. Schistosity @ 80 - 90⁰ to core axis Minor white silicified porphyritic dykes. Minor disseminated pyrite and 2% pyrite in dykes.

48.0 54.0

SYENITE

White-grey porphyritic. 2 - 3% fine disseminated pyrite in fractures.

54.0 58.0

ARGILLITE

As above

58.0 60.0

SYENITE

As above

60.0 61.0

ARGILLITE

61.0 65.5

Lost Core

65.5 84.0

ARGILLITE - PHYLLITE

Black to grey - narrow altered (ghost phenocrysts) - syenite (?) dykes

84.0 88.5

Lost Core

LOGGED BY: _____

DIAMOND DRILL HOLE LOG

CLAIM:

HOLE NO. 10 Con'd

LOCATION:

DIP:

AZIMUTH:

CO-ORDINATES:

DEPTH:

CORE SIZE:

FOOTAGE:

SAMPLING:

<u>FROM:</u>	<u>TO:</u>	<u>DESCRIPTION:</u>	<u>FROM:</u>	<u>TO:</u>
88.5	99.5	<u>ARGILLITE - PHILLITE</u> as above		
99.5	101.5	<u>SYENITE</u> White, porphyritic 2% fine pyrite		
101.5	109.0	<u>GREY ALTERED PHYLLITE</u> Minor pyrite Schistosity @80°		
109.0	117.5	<u>SYENITE</u> White porphyritic. Small black-grey phyllitic inclusions. Contacts gradational Minor fine disseminated crystalline pyrite.		
117.5	124.5	<u>BLACK ARGILLITE</u> Small syenite dykes throughout.		
124.5	127.5	<u>LOST CORE</u>		
127.5	137.0	<u>ARGILLITE & PHYLLITE</u> Grey to light brown sericitic zone Minor syenite dykes.		
137.0	148.0	<u>SYENITE</u> White porphyritic - 2 - 3% pyrite disseminated & in fine fractures Limonite stain in fractures.		

*Sample 7
109.0 - 116.5*

LOGGED BY: _____

DIAMOND DRILL HOLE LOG

CLAIM:

HOLE NO. 10 Con'd

LOCATION:

DIP:

AZIMUTH:

CO-ORDINATES:

DEPTH:

CORE SIZE:

FOOTAGE:

SAMPLING:

FROM: TO:

DESCRIPTION:

FROM: TO:

148.0 152.0

LOST CORE

152.0 185.0

PHYLLITE & ARGILLITE

Black and grey. Schistosity at 75 - 90%
to core axis.

Few narrow white porphyritic syenite dykes
with 2% pyrite Limonite on fractures through-
out.

E. O. H. @ 185.0'

LOGGED BY: _____

DIAMOND DRILL HOLE LOG

CLAIM: Royal 5
LOCATION: Wilson Lake Area

HOLE NO.: 11
DIP: 60⁰
AZIMUTH: 135⁰
DEPTH: 73.0'
CORE SIZE: EX

CO-ORDINATES:

FOOTAGE:

SAMPLING:

<u>FROM:</u>	<u>TO:</u>	<u>DESCRIPTION:</u>	<u>FROM:</u>	<u>TO:</u>
0	23.0	Casing (no core)		
23.0	44.0	<u>ARGILLITE</u> Black banded with minor phyllitic zones 1 - 2% disseminated pyrite. Schistosity at 90 ⁰ to core axis.		
44.0	46.0	LOST CORE		
46.0	48.5	<u>SYENITE PORPHYRY</u> White, 2% crystalline pyrite		
48.5	49.5	<u>GREY ARGILLITE</u> 1 - 2% disseminated pyrite Schistosity at 70 ⁰ - 80 ⁰		
49.5	73.0 ;	<u>GABBRO</u> Dark green porphyritic 57.0 - 60.6 SYENITE DYKE 2% pyrite.		

EOH @ 73.0'

LOGGED BY: _____