

A REPORT on the
McLEOD CLAIMS
KAMLOOPS M.D.

673536

BRITISH COLUMBIA

for GRAND PRIX RESOURCES LTD.

by: W.R. Bacon, Ph.D, P.Eng.

June 1/72

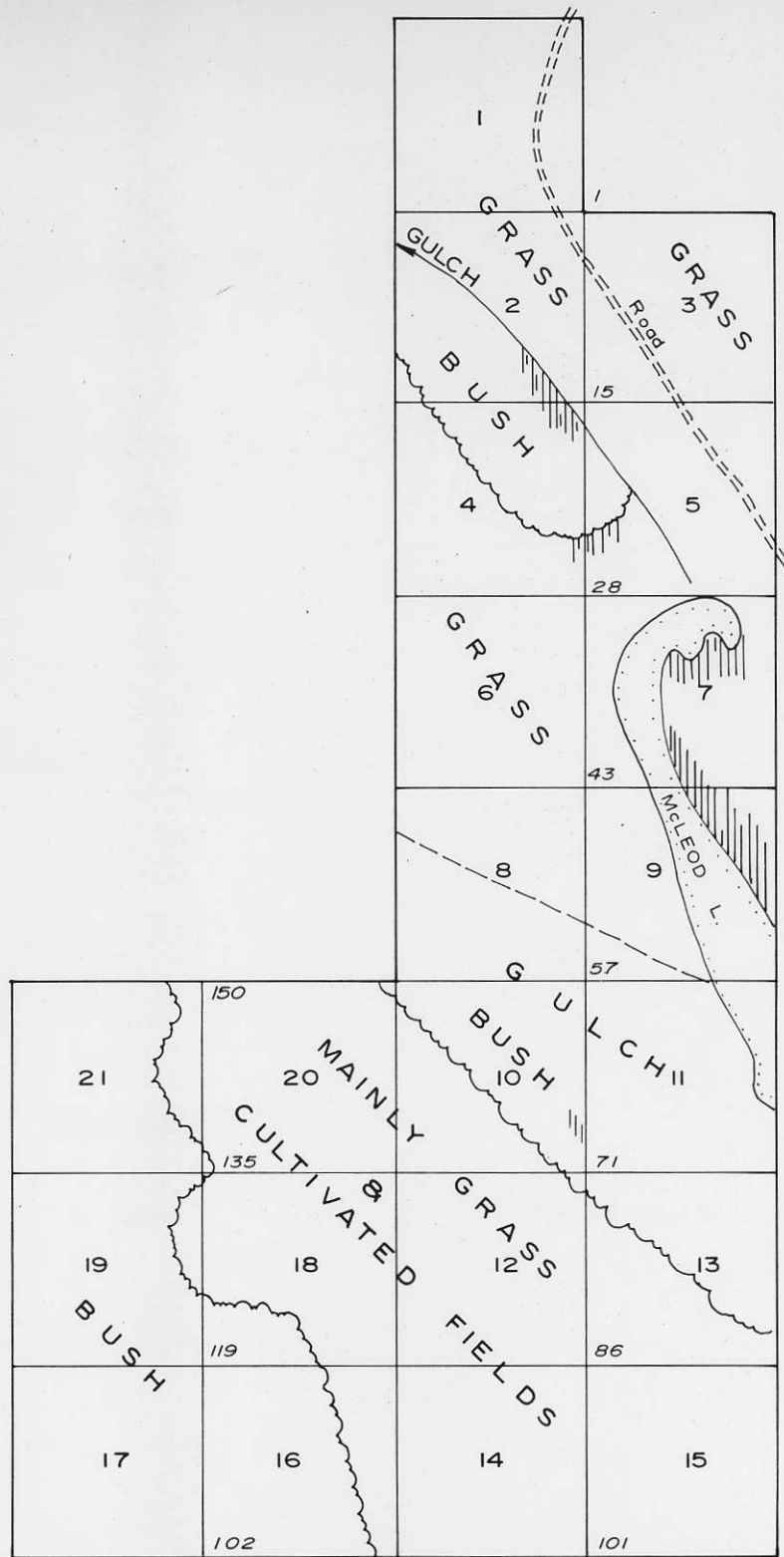
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W.R. BACON, Ph.D, P.Eng.

Vancouver, B.C.

June 1st, 1972.



LEGEND

-  Post - Mineral Basalt
- 1** Claim number
- 12** Soil Sample number

BACON & CROWHURST LTD.

MAP
OF

McLEOD CLAIMS
KAMLOOPS AREA

SCALE: 1" = 1500' MAY 31, 1972

TABLE OF CONTENTS

	<u>Page</u>
INTRODUCTION	1
GEOLOGY	2
GEOCHEMISTRY	3
CONCLUSION	5
RECOMMENDATION	5
APPENDIX TOTAL COPPER ANALYSES	
CERTIFICATE	

ILLUSTRATION

Map of McLeod Claims, 1" = 1500'

Frontispiece

INTRODUCTION

At the request of the company, the writer proceeded to Kamloops on Tuesday, May 23rd, to examine the McLeod claims 1-21.

The writer worked on the claims until Sunday, May 28th, returning that evening to Vancouver. The work consisted of a search for and identification of outcrops, plus a soil survey. The physical sampling was done by Mr. Uno Leis under the direct supervision of the writer.

GEOLOGY

There are very few outcrops on the property and the writer is sure that he has seen every one of them. All are similar. The rock consists of fresh, dark grey, in places vesicular, basalt. It has a characteristic conchoidal fracture. This rock was formed subsequent to the mineralizing processes associated with the Iron Mask batholith and, thus, is not mineralized.

The most abundant outcrop is on claims Nos. 7 and 9, on the east side of McLeod Lake. The southernmost dozen claims are practically devoid of outcrop, whereas a fair amount of outcrop is present on the southwest side of the northwesterly trending gulch on claim No. 2.

There are no other pertinent geological facts. At one time more outcrop may have been visible at the surface but, today, much of the claims area is under cultivation and has been built up with soil.

GEOCHEMISTRY

The soil survey undertaken was of a reconnaissance nature but sufficiently detailed to make a real contribution to the appraisal of the McLeod property. As shown on the accompanying map, the soil sampling started at the Initial Posts of claims 2 and 3 and proceeded due south along the location line to the Final Posts for claims 14 and 15. 101 samples were taken along this location line at 100' intervals. Subsequently, samples were taken, starting at the Initial Posts of claims 16 and 17 and, thence, northwards at 100' intervals along the location line to the Final Posts of claims 20 and 21. This made 150 soil samples in all.

The soil samples were very carefully taken with a shovel. Many of them were from holes more than 2' deep in order to get below the humus and/or zones contaminated by cultivation. The samples were sent to Core Laboratories-Canada Ltd. of Vancouver and analyzed for total copper content. The Core Lab procedure is outlined here:

- (1) Dry sample at approximately 125°F.
- (2) Crush and sieve to -80 mesh.
- (3) Weigh sample into test tube.
- (4) Digest with perchloric-nitric acid.
- (5) Analyze by atomic absorption spectro-photometer.

The results of the soil survey, i.e. the total copper analyses, are appended. For the writer, they contained a minor surprise. Whereas the majority of the samples contain a normal amount of copper, the first 16 samples taken do have a somewhat abnormal copper content when compared to the remainder. This cannot be explained by the writer - certainly not on the basis of geology - as the 16 samples in question were taken entirely from grassy fields devoid of outcrop.

CONCLUSION

The geochemical survey and the geology reduce the potential area on the McLeod property to about $2\frac{1}{2}$ claims, i.e. claims Nos. 1, 2 (northeast $\frac{1}{2}$) and 3. Moreover, it is probable that claim No. 3 partially overlaps a prior claim to the northeast; thus, in effect, there is only an irregular area of some 100 acres to be considered in any future program for the property.

RECOMMENDATION

It is recommended that no further work be done on the McLeod claims at this time. As noted above, the present work has very effectively reduced the potential area from 21 claims to about 2. There was no mineral seen on the property and no mineral showings are known in the vicinity of the northernmost claims, where the higher geochemical results were obtained.

Respectfully submitted,
BACON & CROWHURST LTD.



W.R. Bacon, Ph.D, P.Eng.

APPENDIX

TOTAL COPPER ANALYSES

ASSAYERS
CHEMISTS
GEOCHEMISTS

McLeod



CORE LABORATORIES - CANADA LTD.

325 Howe Street Vancouver 1, B.C. Phone 688-3504

Certificate of Analysis

REPORT NO.
201

SAMPLE(S) FROM STRATO GEOLOGICAL

SAMPLE NO.	Cu ppm
1	132
2	147
3	126
4	134
5	98
6	95
7	132
8	148
9	152
10	149
11	167
12	126
13	148
14	189
15	169
16	168
17	82
18	82 35
19	83
20	117
21	70
22	78
23	60
24	105
25	90
26	70
27	67
28	66
29	71
30	75
31	71
32	80
33	82
34	77
35	82
36	83
37	90
38	80
39	85
40	75

DATE May 29, 1972

SIGNED *L. H. [Signature]*

PULP AND REJECTS DISCARDED AFTER 3 MONTHS

ASSAYERS
CHEMISTS
GEOCHEMISTS



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SAMPLE(S) FROM STRATO GEOLOGICAL (PAGE 2)

SAMPLE NO.	Cu ppm
41	87
42	79
43	77
44	74
45	76
46	87
47	76
48	130
49	94
50	96
51	99
52	93
53	110
54	76
55	82
56	67
57	72
58	67
62	121
63	39
64	27
65	53
66	79
67	63
68	52
69	49
70	59
71	84
72 73	116
74	83
75	84
76	76
77	82
78	78
79	84
80	94
81	79
82	66
83	61
84	59

DATE May 29, 1972

SIGNED *L. H. Hollen*

PULP AND REJECTS DISCARDED AFTER 3 MONTHS

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CHEMISTS
GEOCHEMISTS



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Certificate of Analysis

REPORT NO.
201

SAMPLE(S) FROM STRATO GEOLOGICAL (PAGE 3)

SAMPLE NO.	Cu ppm
85	59
86	52
87	60
88	53
89	57
90	53
91	49
92	55
93	58
94	53
95	67
96	66
97	67
98	43
99	74
100	71
101	70

DATE May 29, 1972

SIGNED *[Signature]*

PULP AND REJECTS DISCARDED AFTER 3 MONTHS

ASSAYERS
CHEMISTS
GEOCHEMISTS



CORE LABORATORIES - CANADA LTD.

325 Howe Street Vancouver 1, B.C. Phone 688-3504

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REPORT NO.

205

SAMPLE(S) FROM STRATO GEOLOGICAL

SAMPLE NO.	Cu ppm
102	13
103	13
104	25
105	10
106	8
107	66
108	20
109	51
110	41
111	25
112	35
113	25
114	28
115	29
116	35
117	41
118	44
119	50
120	31
121	59
122	27
123	28
124	25
125	50
126	37
127	63
128	10
129	54
130	29
131	33
132	12
133	15
134	72
135	28
136	77
137	73
139	71
140	79
141	80
142	94

DATE May 30, 1972

SIGNED *J. H. Bell*

PULP AND REJECTS DISCARDED AFTER 3 MONTHS

ASSAYERS
CHEMISTS
GEOCHEMISTS



CORE LABORATORIES - CANADA LTD.

325 Howe Street Vancouver 1, B.C. Phone 688-3504

Certificate of Analysis

REPORT NO.
205

SAMPLE(S) FROM STRATO GEOLOGICAL (PAGE 2)

SAMPLE NO.	Cu ppm
143	109
144	82
145	85
146	73
147	85
148	82
149	69
150	69
Unmarked bag	64

DATE May 30, 1972

SIGNED *[Signature]*

PULP AND REJECTS DISCARDED AFTER 3 MONTHS

CERTIFICATE

I, William R. Bacon, with business address at
1720 - 1055 W. Hastings St., Vancouver, 1, British Columbia,
DO HEREBY CERTIFY THAT:

1. I am a consulting geological engineer.
2. I am a graduate of the University of British Columbia with B.A.Sc. (1939) and M.A.Sc. (1942) degrees in Geological Engineering.
3. I am a graduate of the University of Toronto with a Ph.D (1952) degree in Economic Geology.
4. I have practised my profession for thirty years in Canada, South America and Australia. During the past twenty years, the majority of my time has been spent in British Columbia; it includes seven years (1949-56) as geologist with the B.C. Department of Mines.
5. I have personally examined the McLeod claims in the Kamloops area of British Columbia.
6. I have no interest, direct or indirect, in the property nor do I expect to acquire any such interest.



W.R. Bacon, Ph.D., P.Eng.

Vancouver, Canada.
June 1st, 1972.