010

REPORT ON THE PROPERTY OF

FRANKLIN RESOURCES LTD.

ONTARIO

Vancouver, B.C.

July 12, 1983

G. Cavey, Consulting Geologist

Omineca Consultants Ltd.

SUMMARY

Phase I of exploration work for Franklin Resources Ltd. was conducted on a 18 claim group gold prospect located 4.5 kilometres north of Terrace Bay, Ontario, within the Thunder Bay Mining Division.

Field work consisted of geological mapping and geochemical soil and rock sampling.

A critical facet of the exploration program was the determination of the relationship between the property geology and the key "felsic volcanic-clastic sediment contact" currently recognized as the stratigraphic control on gold ore mineralization in the Corona-Hemlo camps.

It is concluded based on work done to date that the property is geologically well situated and has reasonable exploration potential to host a Corona-type gold ore deposit.

A recommended program for Phase II should include overburden and/or percussion drilling to test lithologies and a geophysical program involving I.P., magnetic and a V.L.F. electromagnetic survey to test potential at depth.

Further work would be contingent upon the results of Phase I and Phase II.

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LIST of MAPS

1.0 INTRODUCTION

Field work on the 18 claim gold prospect of Franklin Resources Ltd. was designed to locate felsic host, volcanogenic gold ores of the type presently being evaluated by Corona Resources Ltd.

Corona deposits are typically large tonnage, stratabound, tabular bodies with the largest to date, Corona's east zone deposit being in excess of 1.3 million tons. They occur within Archean eugeosynclinal rock sequences with mineralization confined to the contact between felsic volcanic and clastic sedimentary rocks and are directly associated with local sericitic alteration and disseminated pyritic mineralization.

Average grades are typically in the order of 0.31 oz/ton gold with 0.08% molybdenum.

Geophysical techniques, particularly magnetics, self-potential and induced polarization techniques have been tested over the ore horizons and to a certain extent these techniques may prove useful.

There is usually some geochemical expression in gold and molybdenum associated with the ores.

The east zone sulphide lense is at depth of approximately 400 metres below surface and was discovered by deep surface diamond drilling based on stratigraphic projections.

The primary objective of the 1983 Phase I program was to carry out

geological and geochemical evaluations of the Franklin Resources Ltd. claim group as prelude to further exploration work (Phase II) and/or diamond drilling (Phase III).

2.0 LOCATION and ACCESS

The Franklin Resources Ltd. claim group is centered approximatley 4.5 kilometres north of Terrace Bay, Ontario, a small pulp and paper mill community and is approximately 80 kilometres from the Corona deposit. The Terrace Bay community served as a center of communication and supply for the area.

Easiest access to the property is by the Kimberly-Clark all weather gravel road which exits off Highway #17 at Terrace Bay. The Kimberly-Clark road bisects the entire length of the claim group providing excellent road access. Special road permits must be obtained from Kimberly-Clark to utilize the logging road.

A small airport is located and partially bisects the southeast corner of the claim block.

A 115,000 volt Ontario Hydro transmission line transects the middle of the property.

Water for exploration and development is readily available from small streams which transect the property.

3.0 EXPLORATION FIELD WORK

Field work was carried out under the direct supervision of Jacques Dumouchel, geologist. Overall direction was provided by George Cavey, consulting geologist, Omineca Consultants Ltd., Vancouver.

The primary object of the Phase I exploration work was the detailed evaluation of the Franklin Resources Ltd. claim block. The key facet to this work was to gain a thorough understanding of the geological setting of the property and the relationship to the Corona gold ore deposit.

Field work commenced May 26 and terminated on June 8, 1983.

Exploration activities consisted of:

(a) establishment of a flagged line grid;

(b) geochemical soil and rock sampling;

(c) geological mapping.

3.1 CLAIM STATUS

The Franklin Resources Ltd. property consists of 18 contiguous, unpatented mineral claims which encompass approximately 720 acres. The claims are held in good standing and have a 1984 expiry date.

The claims are as follows:

Claim Number	Total	Expiry Date
TB 675149-675154	(6)	February 9, 1984
TB 677609-677620	(12)	February 9, 1984

4.0 GEOLOGY

4.1 GENERAL CONSIDERATIONS

Gold deposits of the Corona-Hemlo camps are typical of the stratabound, volcanogenic variety of Archean age. Gold and molybdenum are the primary economic minerals with assay grades 0.10-0.30 oz./ton Au. and up to 0.08% Mo. Initial reserves for the Corona East zone deposit total 1.3 million tons grading 0.31 oz./ton Au. and 0.8% Mo. The West zone deposit total approximately 380,000 tons at 0.186 oz./ton Au.

Initial discovery of gold in the Corona-Hemlo camp dates back to 1944 when a prospector discovered a mineralized shear zone with sericitic-pyrite alteration located approximately 1,000 metres west of the present Corona deposit. Assays from this zone ran up to 0.4 oz./ton Au.

The gold ores at Corona show a distinct stratigraphic control and occur as tabular bodies enveloped in felsic to intermediate volcanic rock. The felsic volcanic rock exhibit both vertical and lateral facies changes within a few metres to kilometres, suggesting a local "vent" like source possibly located near the West zone deposit.

The three main ore zones within the Corona deposits from top to bottom are as follows:

(a) gold bearing lapilli tuff;

(b) quartz crystal tuff

(c) pyritic-molybdenum bearing quartz porphyritic rhyodacite.

From west to east, the quartz-crystal tuff and rhyodacite thins to form a lateral, facies equivalent tuffite with interbeds of siltstone. The lapilli tuff maintains its thickness throughout but in the East zone at an approximate depth of 400 metres it widens considerable. Gold mineralization occurs primarily within the lapilli tuff in the West zone and within siliceous siltstone layers interbedded within the lapilli tuff in the East zone.

East zone gold mineralization occurs as discrete grains (0.4mm diameter), and is usually associated with fine grained pyrite and molybdenum. It can also occur as disseminations in the lapilli tuff as in the West zone.

Alteration occurs primarily by the development of white mica within the ore zone and footwall.

4.2 REGIONAL GEOLOGY

Based on the local stratigraphic "model" the Franklin Resources Ltd. claim block appears to be distal to any "vent" type activity.

The claim block is virtually entirely underlain by granitic rock and mafic intrusive rock.

5.0 EXPLORATION RESULTS

5.1 PROPERTY

The overall positions of the claim block and grid have been accurately located with respect to the regional geography.

5.2 HISTORY AND PREVIOUS WORK

No mineral exploration has been recorded in the area until this year when Franklin Resources Ltd. began the Phase I program.

5.3 GEOLOGY

More than 40% of the Franklin Resources Ltd. claim group is covered by surface overburden, most of which is composed of alluvium and lacustrine deposits.

Outcrop information suggests that the southern half of the claim block is underlain by a medium to coarse grained granitic gneiss. The northern half is underlain by a package of mafic metavolcanics consisting of dark green and amygdaloidal flows, pyroclastics, tuff and tuff breccia.

Two locations of felsic volcanic rock (outcrop?) were observed on the property. Silicification, white mica alteration and quartz-pyrite assemblages were observed.

If the felsic volcanic rock is indeed outcrop, the Franklin Resources Ltd. claim block is geologically and stratigraphically well-situated.

5.4 GEOCHEMISTRY

Based on orientation surveys over the Corona deposits, gold and molybdenum are the most significant in locating stratabound gold sulphide deposits.

A total of approximately 412 soil samples were collected during the Phase I

program.

All samples were analyzed for gold, molybdenum and copper by Vangeochem Labs at their laboratory in Vancouver, by atomic absorption.

Soil samples were collected at 50 metre station intervals along an approximately 25.9 line-kilometre flagged line grid.

Every effort was made to collect the "B" horizon.

From results returned threshold levels were selected as follows:

	Au (ppb)	Mo (ppm)	Cu (ppm)
soil	20	7	80

In most elements, there are scattered anomalies across the grid. In general however, values are low, well below threshold.

Gold and copper have two "interesting" separate anomalies. These anomalies are roughly parallel and are separated by approximately 100 metres. They appear to overlie either side of the granite-mafic volcanic contact.

All other gold anomalies appear to be underlain by granitic gneiss. One sample (220 ppb Au) is located at the south end of the grid and definitely warrants further investigation.

6.0 CONCLUSIONS AND RECOMMENDATIONS

Results of work to date suggest that there are no major, near-surface concentrations of precious or base metal deposits on the claim block.

The Franklin Resources Ltd. claim block does have definite potential to host a Corona-type gold deposit at depth.

The most compelling evidence is the presence of an altered felsic tuff and, "interesting" gold and copper geochemical anomalies which roughly parallel the granitic-mafic volcanic contact.

Initially Phase I dealt with a geological and geochemical survey of the entire claim block. Outcrops were sampled and a soil geochemical survey was completed. Following Phase I, Phase II will be the construction of a cut line grid following the present flag line grid. A tie line running along the northern boundary of the claims should be cut so as to accurately survey in the cut grid. Using the cut grid as a base for all future work, additional lines can be cut in areas requiring more detail. Following the construction of the grid, I.P. magnetometer and VLF-electromagnetic geophysical surveys should be undertaken, either by airborne or ground methods, followed by detailed geological mapping. When mapping geology, special attention should be paid to mapping rock alteration and structural patterns.

Phase II will also consist of detailed follow-up work over anomalous areas discovered in Phase I. Trenching and rock chip sampling will be carried out in any area of interest.

Phase III would be an explorational diamond drill program involving 3 or 4 holes of approximately 150 - 250 metres in length.

Phase IV would consist of a more systematic diamond drilling program, exploring targets discovered and partially confirmed in the preceding phases.

7.0 COST ESTIMATES

Phase I

Geology Survey 18 claims @ $200/claim	$ 3,600
Geochemistry Survey (with assays)	8,000
Camp costs	1,800
Supervision and Report	2,000
Contingencies @ 15%	2,300
	$ 17,700

Phase II

Line Cutting	$ 6,000
Geophysical Survey	9,000
Geochemical Survey	6,000
Trenching and Sampling	4,000
Camp costs	3,000
Supervision and Report	3,000
Contingencies	4,600
	$ 35,600

Phase III

Diamond Drilling 750m @ $80	$ 60,000
Assays	1,500
Supervision	5,000
Contingencies @ 20%	13,300
	$ 79,800

Phase IV

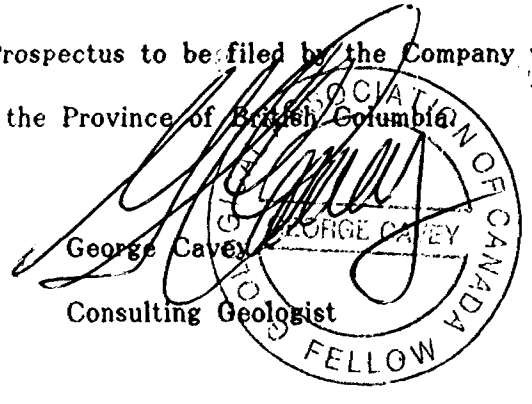
Diamond Drilling 2000m @ $80	$160,000
Assays	4,000
Supervision and Report	12,000
Contingencies	35,200
	$211,200

TOTAL COST OF THE EXPLORATION PROGRAM	**$344,300**

QUALIFICATIONS

I, George Cavey, of 3926 Valley Drive, Vancouver, British Columbia hereby certify:

1. I am a graduate of the University of British Columbia (1976) and hold a BSc. degree in geology.
2. I am presently employed as a consulting geologist with Omineca Consultants Ltd. of 3926 Valley Drive, Vancouver, British Columbia.
3. I have been employed in my profession by various mining companies for the past nine years.
4. I am a Fellow of the Geological Association of Canada.
5. The information contained in this report was obtained during the completion of the Phase I work program conducted by Omineca Consultants in June of 1983.
6. Neither Omineca Consultants Ltd. nor myself have direct or indirect interest in the property described nor in the securities of Franklin Resources Ltd.
7. This report may be used by Franklin Resources Ltd. for inclusion in Statement of Material Facts or Prospectus to be filed by the Company with the Superintendent of Brokers in the Province of British Columbia.



George Cavey
Consulting Geologist

DATED at Vancouver, British Columbia, this 12th day of July, 1983.

BIBLIOGRAPHY

Cavey, G.

1983: Report on the Property of Franklin Resources Ltd., Omineca Consultants Ltd., unpublished.

Muir, T.L.

1980: Geology of the Hemlo Area, District of Thunder Bay, OGS OFR5280

Quartermain, R.A.

1983: Preliminary Geological Description of the Corona Gold Deposit, Hemlo Area, Ontario, Paper by Teck Explorations Ltd.

APPENDIX A

VANGEOCHEM LAB LTD.
1521 PEMBERTON AVE.,
NORTH VANCOUVER, B.C.,
CANADA V7P 2S3

FRANKLIN
TELEPHONE: 986-5211
AREA CODE: 604

Certificate of Geochemical Analyses

• *Specialising in Trace Elements Analyses* •

–IN ACCOUNT WITH–

Omineca Consultants Ltd.
#403 - 595 Howe Street
Vancouver, B.C. V6C 2T5
Attention:
Mr. George Cavey

Report No: 83-66-008 Page 1 of 4
Samples Arrived: June 20, 1983
Report Completed: June 24, 1983
For Project: JDB Job No. 83-078
Analyst: VGC Staff Invoice No. 7215

GEOCHEM

Sample Marking	Au ppb	Mo ppm				
JD - B - 1	nd	2				
2	nd	2				
3	nd	2				
4	nd	2				
5	5	1				
6	5	2				
7	15	2				
8	15	1				
9	nd	3				
10	nd	1				
11	10	3				
12	nd	1				
13	nd	2				
14	nd	1				
15	nd	3				
16	5	1				
17	nd	1				
18	nd	1				
19	nd	2				
20	5	2				
21	nd	2				
22	nd	2				
23	nd	2				
24	nd	3				
25	nd	1				
26	10	2				
27	nd	2				
28	nd	1				
29	nd	4				
30	5	1				
31	nd	2				
32	10	1				
33	nd	3				
34	nd	3				
35	10	2				
36	10	2				
37	nd	2				
38	nd	1				
JD - B - 39	nd	2				

REMARKS: One copy sent to Mr. R. Riedel at Marathon, Ontario

Signed:

% Mo x 1.6683 = % MoS_2 1 Troy oz./ton = 34.28 ppm 1 ppm = 0.0001% nd = none detected ppm = parts per million

All values are believed to be correct to the best knowledge of the analyst based on the method and instruments used.

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Report No: 83-66-008 Page 2 of 4
Samples Arrived:
Report Completed:
For Project: Job No.
Analyst: Invoice No.

GEOCHEM

Sample Marking	Au ppb	Mo ppm				
JD - B - 40	nd	1				
41	nd	1				
42	nd	4				
43	nd	1				
44	nd	1				
45	nd	1				
46	10	1				
47	nd	1				
48	nd	1				
49	nd	1				
50	5	1				
51	nd	1				
52	nd	1				
53	nd	1				
54	nd	1				
55	nd	1				
56	nd	1				
57	nd	1				
58	nd	1				
59	nd	1				
60	nd	3				
61	nd	2				
62	nd	2				
63	nd	1				
64	nd	1				
65	5	1				
66	nd	1				
67	nd	2				
68	5	1				
69	nd	2				
70	nd	2				
71	nd	1				
72	nd	2				
73	10	2				
74	nd	3				
75	nd	2				
76	nd	2				
77	30	2				
JD - B - 78	nd	2				

REMARKS:

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Samples Arrived:
Report Completed:
For Project: Job No.
Analyst: Invoice No.

GEOCHEM

Sample Marking	Au ppb	Mo ppm				
JD - B - 79	5	2				
80	nd	1				
81	nd	3				
JD - B - 82	10	2				
JD - B - 300	nd	3				
1	nd	1				
2	nd	2				
3	nd	2				
4	nd	1				
5	nd	2				
6	nd	2				
7	10	2				
8	nd	1				
9	10	1				
310	nd	2				
11	10	1				
12	nd	2				
13	5	1				
14	nd	2				
15	nd	3				
16	5	2				
17	nd	2				
18	5	3				
19	nd	2				
320	10	1				
21	nd	2				
22	nd	1				
23	nd	1				
24	nd	1				
25	10	1				
26	nd	2				
27	5	5				
28	nd	2				
29	5	2				
330	10	1				
31	nd	2				
32	10	3				
33	nd	1				
JD - B - 334	nd	1				

REMARKS:

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For Project: Job No.
Analyst: Invoice No.

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GOEHCEM

Sample Marking	Au ppb	Mo ppm				
JD - B - 335	nd	1				
36	5	1				
37	15	2				
38	nd	1				
39	5	2				
340	nd	2				
41	nd	2				
42	5	1				
43	nd	1				
44	nd	1				
45	nd	1				
46	5	1				
47	nd	1				
48	nd	2				
49	nd	2				
350	nd	2				
51	nd	2				
52	10	2				
53	nd	1				
54	5	1				
54	nd	2				
56	nd	2				
57	nd	1				
58	10	2				
59	5	2				
360	nd	2				
61	nd	2				
62	nd	1				
63	nd	1				
64	nd	2				
65	nd	1				
66	nd	2				
67	nd	2				
68	5	2				
69	nd	1				
JD - B - 370	nd	1				

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#403 - 595 Howe Street
Vancouver, B.C. V6C 2T5
Attention:

Report No: 83-66-009 Page 1 of 7
Samples Arrived: June 20, 1983
Report Completed: June 28, 1983
For Project: JD-B Job No. 83-079
Analyst: VGC Staff Invoice No. 7217

GEOCHEM

Sample Marking	Mo ppm	Au ppb	Cu ppm
JD - B - 83	1	nd	9
84	2	5	11
85	3	nd	42
86	1	5	13
87	1	nd	10
88	2	nd	8
89	1	nd	4
90	2	10	11
91	1	nd	39
92	1	5	6
93	2	5	17
94	1	nd	13
95	2	nd	13
96	1	nd	17
97	2	nd	11
98	1	nd	12
99	1	15	5
100	1	5	3
1	3	nd	8
2	2	nd	14
3	1	nd	6
4	2	nd	5
5	2	25	9
6	2	nd	12
7	2	nd	3
8	2	nd	7
9	1	nd	5
110	2	5	5
11	1	nd	11
12	1	nd	6
13	2	nd	15
14	1	nd	12
15	2	nd	9
16	2	nd	14
17	2	nd	13
18	1	nd	5
19	1	nd	24
120	1	5	15
JD - B - 121	1	nd	9

REMARKS: One copy sent to Mr. Jacques Dumouchel at Marathon, Ont.

Signed.

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GEOCHEM

Sample Marking	Mo ppm	Au ppb	Cu ppm			
JD - B - 122	1	5	9			
23	nd	nd	3			
24	1	nd	10			
25	2	nd	14			
26	1	nd	13			
27	2	5	5			
28	2	5	7			
29	1	5	6			
130	1	5	2			
31	2	5	13			
32	1	nd	4			
33	1	nd	35			
34	1	nd	9			
35	1	nd	14			
36	1	nd	10			
37	1	nd	11			
38	2	nd	13			
39	2	nd	6			
140	3	nd	12			
41	2	nd	6			
42	1	nd	11			
43	2	5	5			
44	1	nd	12			
45	2	nd	12			
46	1	10	8			
47	2	nd	13			
48	1	nd	14			
49	1	nd	6			
150	1	5	5			
51	1	5	4			
52	1	nd	4			
53	1	nd	6			
54	1	5	5			
65	1	nd	7			
56	2	5	5			
57	1	5	6			
58	1	5	5			
59	1	nd	5			
JD - B - 160	1	nd	3			

REMARKS:

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Sample Marking	Mo ppm	Au ppb	Cu ppm			
JD - B - 161	1	nd	6			
162	1	nd	3			
163	1	10	2			
164	1	nd	7			
165	1	10	5			
166	2	20	6			
167	1	nd	6			
168	1	nd	14			
169	1	nd	8			
170	1	nd	10			
171	1	15	9			
172	1	nd	14			
173	1	nd	5			
174	2	10	4			
175	1	nd	5			
176	1	nd	6			
177	1	nd	7			
178	nd	nd	3			
179	2	nd	5			
180	1	5	5			
181	1	nd	12			
182	1	nd	5			
183	2	nd	8			
184	2	nd	7			
185	1	5	10			
186	2	5	4			
187	1	nd	6			
188	1	10	4			
189	1	10	3			
190	1	5	3			
191	1	nd	6			
192	1	nd	6			
193	1	nd	9			
194	1	nd	6			
195	1	nd	4			
196	2	nd	8			
197	2	nd	12			
198	2	5	5			
JD - B - 199	3	20	19			

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Sample Marking	Mo ppm	Au ppb	Cu ppm			
JD - B - 200	2	10	7			
01	2	5	7			
02	1	nd	5			
03	1	5	7			
04	1	5	6			
05	1	nd	3			
06	2	nd	5			
07	1	nd	5			
08	2	nd	24			
09	2	10	13			
210	1	nd	3			
11	1	10	6			
12	1	10	5			
13	2	5	13			
14	1	nd	9			
15	1	5	6			
16	1	5	8			
17	1	10	(128)	VA		
18	2	nd	9			
19	1	15	4			
220	2	15	11			
21	3	nd	6			
22	1	nd	10			
23	1	nd	11			
24	1	10	5			
25	1	nd	5			
26	1	5	4			
227A	2	nd	8			
227B	2	nd	4			
228	1	nd	3			
229	1	nd	5			
230	1	nd	6			
231	1	nd	4			
JD - B - 232	1	10	8			
JD - B - 371	3	5	14			
72	1	10	25			
73	2	5	18			
74	1	10	7			
JD - B - 375	2	nd	61			

REMARKS:

Signed:

% Mo x 1.6683 = % MoS_2 1 Troy oz./ton = 34.28 ppm 1 ppm = 0.0001% nd = none detected ppm = parts per million

All values are believed to be correct to the best knowledge of the analyst based on the method and instruments used.

VANGEOCHEM LAB LTD.
1521 PEMBERTON AVE.,
NORTH VANCOUVER, B.C.,
CANADA V7P 2S3

TELEPHONE: 986-5211
AREA CODE: 604

Certificate of Geochemical Analyses

• *Specialising in Trace Elements Analyses* •

–IN ACCOUNT WITH–

Omineca Consultants Ltd.

Report No: 83-66-009 Page 5 of 7
Samples Arrived:
Report Completed:
For Project: Job No.
Analyst: Invoice No.

Attention:

Sample Marking	Mo ppm	Au ppb	Cu ppm			
JD - B - 376	2	nd	8			
77	2	20	11			
78	2	nd	19			
79	36 ✓	5	12			
380	8	nd	8			
81	5	nd	13			
82	2	nd	10			
83	3	nd	16			
84	13 ✓	nd	49 ✓	JA		
85	1	25	12			
86	2	10	11			
87	2	10	19			
88	1	nd	24			
89	2	15	15			
390	2	nd	24			
91	3	30	12			
92	1	nd	5			
93	1	nd	6			
94	1	5	5			
95	2	5	5			
96	3	nd	9			
97	2	nd	10			
98	2	nd	7			
99	1	5	8			
400	1	10	5			
01	1	nd	3			
02	1	5	8			
03	2	20	8			
04	1	10	9			
05	2	nd	6			
06	1	30	20			
07	1	10	12			
08	1	nd	9			
09	1	20	10			
410	1	5	5			
11	1	20	14			
12	1	10	7			
13	1	220 ✓✓	9			
JD - B - 414	1	5	15 ✓			

REMARKS: ✓ checked OK ✓

Signed: _____

% Mo x 1.6683 = % MoS_2 1 Troy oz./ton = 34.28 ppm 1 ppm = 0.0001% nd = none detected ppm = parts per million

All values are believed to be correct to the best knowledge of the analyst based on the method and instruments used.

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NORTH VANCOUVER, B.C.,
CANADA V7P 2S3

TELEPHONE: 986-5211
AREA CODE: 604

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• *Specialising in Trace Elements Analyses* •

-IN ACCOUNT WITH-
Omineca Consultants Ltd.

Attention:

Report No: 83-66-009 Page 6 of 7
Samples Arrived:
Report Completed:
For Project: Job No.
Analyst: Invoice No.

Sample Marking	Mo ppm	Au ppb	Cu ppm			
DJ - B - 415	1	nd	5			
16	1	nd	5			
17	1	nd	4			
18	1	5	2			
19	1	5	4			
420	1	nd	4			
21	1	nd	5			
22	1	10	6			
23	2	10	6			
24	nd	nd	3			
25	1	nd	5			
26	1	10	7			
27	1	nd	6			
28	1	nd	5			
29	2	nd	8			
430	1	nd	4			
31	1	nd	4			
32	1	nd	6			
33	1	10	4			
34	1	nd	5			
35	1	10	9			
36	1	10	5			
37	1	nd	5			
38	2	10	10			
39	1	10	6			
440	1	nd	2			
41	1	nd	8			
42	1	nd	3			
43	1	5	7			
44	1	5	4			
45	1	5	3			
46	2	nd	10			
49	1	nd	5			
450	3	nd	9			
52	1	nd	9			
53	1	10	10			
54	1	5	4			
55	3	nd	11			
JD - B - 456	2	nd	8			

REMARKS:

Signed:

% Mo x 1.6683 = % MoS_2 1 Troy oz./ton = 34.28 ppm 1 ppm = 0.0001% nd = none detected ppm = parts per million

All values are believed to be correct to the best knowledge of the analyst based on the method and instruments used.

VANGEOCHEM LAB LTD.
1521 PEMBERTON AVE.,
NORTH VANCOUVER, B.C.,
CANADA V7P 2S3

TELEPHONE: 986-5211
AREA CODE: 604

Certificate of Geochemical Analyses

• *Specialising in Trace Elements Analyses* •

--IN ACCOUNT WITH--

Omineca Consultants Ltd.

Attention:

Report No: 83-66-009 Page 7 of 7
Samples Arrived:
Report Completed:
For Project: Job No.
Analyst: Invoice No.

Sample Marking	Mo ppm	Au ppb	Cu ppm			
JD - B - 457	1	nd	6			
458	1	5	3			
459	3	20	16			
460	6	nd	59			
461	2	nd	19			
462	2	5	5			
463	1	nd	11			
464	1	nd	9			
465	1	10	4			
466	1	5	4			
467	1	nd	6			
468	1	nd	5			
469	1	nd	5			
470	1	nd	2			
471	1	nd	4			
472	1	nd	3			
473	1	nd	9			
474	1	nd	4			
475	1	nd	5			
476	1	5	6			
477	1	nd	9			
478	1	5	8			
479	1	nd	8			
480	2	nd	11			
JD - B 481	1	nd	7			
482	1	nd	9			
JD - B - 483	2	nd	16			

REMARKS.

Signed:

% Mo x 1.6683 = % MoS_2 1 Troy oz./ton = 34.28 ppm 1 ppm = 0.0001% nd = none detected ppm = parts per million

All values are believed to be correct to the best knowledge of the analyst based on the method and instruments used.

VANGEOCHEM LAB LTD. 1521 PEMBERTON AVE. ... 986-5211
V7P 2S3

Nov.8, 1983

To: Orequest Consultants
#404 - 595 Howe St.
Vancouver, B C V6C 2T5

From: **Vangeochem Lab Ltd.**
1521 Pemberton Avunue
North Vancouver, B.C. V7P 2S3

Subject: **Analytical procedure used to determine hot acid soluble** Mo, Cu.Pb,Zn, Ag **in geochemical silt, soil and rock samples.**

1983 samples

1. Sample Preparation

(a) Geochemical soil, silt or rock samples were received in the laboratory in wet-strength 3½ x 6½ Kraft paper bags and rock samples in 4" x 6" Kraft paper bags.

(b) The wet samples were dried in a ventilated oven.

(c) The dried soil and silt samples were sifted by hands using a 8" diameter 80-mesh stainless steel sieves. The plus 80-mesh fraction was rejected and the minus 80-mesh fraction was transferred into a new bag for analysis later.

(d) The dried rock samples were crushed by using a jaw crusher and pulverized to 100-mesh or finer by using a disc mill. The pulverized samples were then put in a new bag for later analysis.

2. Methods of Digestion

(a) 0.50 gram of the minus 80-mesh samples was used. Samples were weighed out by using a top-loading balance.

(b) Samples were heated in a sand bath with nitric and perchloric acids (15% to 85% by volume of the concentrated acids respectively).

.....2

(C) The digested samples were diluted with demineralized water to a fixed volume and shaken.

3. Method of Analysis

Mo, Cu, Pb, Zn, Ag analyses were determined by using a Techtron Atomic Absorption Spectrophotometer Model AA4 or Model AA5 with their respective hollow cathode lamps. The digested samples were aspirated directly into an air and acetylene flame, but Mo digestion were aspirated into an acetylene and nitrous flame. The results, in parts per million, were calculated by comparing a set of standards to calibrate the atomic absorption unit and displayed in a strip chart recorder.

4. The analyses were supervised or determined by Mr. Conway Chun or Mr. Eddie Tang and the labroatory staff.

5. Back Ground Correction

A Hydrongen continunnm lamp is used to correct the silver groung interferencesa.

Eddie Tang
VANGEOCHEM LAB LTD.

ET:jl

VGC

986-5211

VANGEOCHEM LAB LTD. 1521 PEMBERTON AVE., NORTH VANCOUVER B.C. CANADA 604-[illegible]

V7P 2S3

Nov.8, 1983

To: Orequest Consultants
#404 - 595 Howe St.
Vancouver, B C V6C 2T5

From: Vangeochem Lab Ltd.
1521 Pemberton Ave.
North Vancouver, B.C. V7P 2S3

Subject: Analytical procedure used to determine Aqua Regia soluble gold in geochemical samples.

For soil and humus samples

1. Method of Sample Preparation

(a) Geochemical soil, silt or rock samples were received in the laboratory in wet-strength 4 x 6 Kraft paper bags or rock samples sometimes in 8" x 12" plastic bags.

(b) The dried soil and silt samples were sifted by hands using a 8" diameter 80-mesh stainless steel sieve, The plus 80-mesh fraction was rejected and the minus 80-mesh fraction was tracsferred into a new bag for analysis later.

(c) The dried rock samples were crushed by using a jaw crusher and pulverized to 100-mesh or finer by using a disc mill. The pulverized samples were then put in a new bag for later analysis.

2. Method of Digestion

(a) 5.00 - 10.00 grams of the minus 80-mesh samples were used. Samples were wrighed out by using a top-loading balance into beakers.

(b) 20 ml of Aqua Regia (3:1 $HCl:HNO_3$) were used to digest the samples over a hot plate vigorously.

(c) The digested samples were filtered and the washed pulps were discarded and the filtrate was reduced to about 5 ml.

(d) The Au comples ions were extracted into diisobutyl ketone and thiourea medium. (Anion exchange liquids "Aliquot 336").

(e) Separate Funnels were used to separate the organic layer.

3. Method of Detection

The gold analyses were detected by using a Techtron model AA5 Atomic Absorption Spectrophotometer with a gold hollow cathode Lamp. The results were read out on a strip chart recorder. A hydrogen lamp was used to correct any background interferences. The gold values in parts per billion were calculated by comparing them with a set of gold standards.

4. The analyses were supervised or determined by Mr. Conway Chun or Mr. Eddie Tang and his laboratory staff.

Eddie Tang
VANGEOCHEM LAB LTD.

ET: jl

VGC

VANGEOCHEM LAB LTD. 1521 PEMBERTON AVE., NORTH VANCOUVER, B.C., CANADA 604-986-5211
V7P 2S3

Nov. 8 1983

TO: Orequest Consultants
#404 - 595 Howe St.
Vancouver, B C V6C 2T5

FROM: Vangeochem Lab Ltd.
1521 Pemberton Ave.
North V ncouver, B.C. V7P 2S3

SUBJECT: Analytical procedure used to determine hot acid soluble arsenic in geochemical silt, soil, lake sediments and rock samples.

for geochem soil humus , rock samples

1. Sample Preparation

(a) Geochemical soil, silt, lake sediments or rock samples were received in the laboratory in wet-strength 3½ x 6½ Kraft paper bags and rock samples in 4" x 6" Kraft paper bags.

(b) The wet samples were dried in a ventilated oven.

(c) The dried soil and silt samples were sifted by hands using a 8" diameter 80-mesh stainless steel sieves. The plus 80-mesh fraction was rejected and the minus 80-mesh fraction was transferred into a nwq bag for analysis later.

(d) The dried rock samples were crushed by using a jaw crusher and pulverized to 100-mesh or finer by using a disc mill. The pulverized samples were then put in a new bag for later analysis.

2. Method of Digestion

(a) 0.25 gram of the minus 80-mesh sample was used. Samples were weighed out by using a top-loading balance.

(b) Samples were heated in a sand bath with concentrated perchloric acid (70 - 72% $HClO_4$ by weight) at a medium heat for four hours.

(c) The digested samples were diluted with demineralized water.

...2

3. Method of Analysis

(a) Potassium iodide and stannous chloride in HCL were added to the digested samples.

(b) Zinc metal was introduced and the arsenic in solution was gassed off as arsene through a glass wool scrubber plug saturated with lead acetate and into a solution of silver diethyldithiocarbamate in chloroform with l-ephedrine, forming a red complex with the silver diethyldithiocarbamate.

(c) The concentration of the arsenic was determined colorimetrically by comparing the intensity of the color of the red complex with a set of known standards prepared in a similar fashion as the samples.

4. The analyses were supervised or determined by Mr. Eddie Tang or Mr. Conway Chun and their laboratory staff.

Eddie Tang

VANGEOCHEM LAB LTD.

VANGEOCHEM LAB LTD.
1521 PEMBERTON AVE., NORTH VANCOUVER, B.C., CANADA V7P 2S3 (604) 986-5211

Nov.8 1983

To: Orequest Consultants
#404 - 595 Howe St.
Vancouver, B C V6C 2T5

From: Vangeochem Lab Ltd.
1521 Pemberton Avenue
North Vancouver, B.C. V7P 2S3

Subject: Analytical procedure used to determine gold by fire-assay method and detected by atomic absorption spec. in geological samples.

For samples requested for Fireassays- AAS finished

1. Method of Sample Preparation

(a) Geochemical soil, silt or rock samples were received in the laboratory in wet-strength 4" x 6" Kraft paper bags or rock samples sometimes in 8" x 12" plastic bags.

(b) The dried soil and silt samples were sifted by hands using a 8" diameter 80-mesh stainless steel sieve. The plus 80-mesh fraction was rejected and the minus 80-mesh fraction was transferred into a new bag for analysis later.

(c) The dried rock samples were crushed by using a jaw crusher and pulverized to 100-mesh or finer by using a disc mill. The pulverized samples were then put in a new bag for later analysis.

2. Method of Extraction

(a) 20.0 - 30.0 grams of the pulp samples were used. Samples were weighed out by using a top-loading balance into a fusion pot.

(b) A Flux of litharge, soda ash, silica, borax, flour, or potassium nitrite is added, then fused at 1900°F and a lead button is formed.

(c) The gold is extract by cupellation and part with diluted nitric acid.

(d) The gold bead is saved or measurement later.

VANGEOCHEM LAB LTD.
1521 PEMBERTON AVE., NORTH VANCOUVER, B.C., CANADA V7P 2S3 (604) 986-5211

3. Method of Detection

(a) The gold bead is disolved by boiling with sodium cyanide, hydrogen peroxide and amonium hydroxide.

(b) The gold analyses were detected by using a Techtron model AA5 Atomic Absorption Spectrophotometer with a gold hollow cathode lamp. The results were read out on a strip chart recorder. The gold values in parts per billion were calculated by comparing them with a set of gold standards.

4. The analyses were supervised or determined by Mr. Conway Chun or Mr. David Chiu and his laboratory staff.

David Chiu
VANGEOCHEM LAB LTD.

DC:jl

OreQuest Consultants Ltd.

Franklin Resources Ltd.
401 -595 Howe Street,
Vancouver B.C.

re: Monies from Trust

Dear Sirs:

Paid to OreQuest Consultants Ltd. for geochemical assays on the Hemlo group of claims, T.B.675149 et.al.

Geochemical costs	$ 2626.83
10%	$ 262.00
Total	2888.83

Yours Truly

George Cavey
Consulting Geologist

ADDENDUM ON
HISTORY AND PREVIOUS WORK
TO THE
REPORT ON THE PROPERTY OF
FRANKLIN RESOURCES LTD.
ONTARIO
(DATED JULY 12, 1983)

Vancouver, B.C.

September 15, 1983

G. Cavey, Consulting Geologist

OreQuest Consultants Ltd.

SUMMARY

Phase I of exploration work for Franklin Resources Ltd. was conducted on the 18 claim group gold prospect located 17 kilometres north of Terrace Bay, Ontario, within the Thunder Bay Mining Division.

Field work consisted of geological mapping, prospecting, geochemical soil and rock sampling.

Since the recent Hemlo discoveries in late August 1981, there has been new hope generated in that there are still many substantial new deposits still not found in areas which have had a long history of prospecting and exploration.

In general Hemlo gold deposits are bulk disseminated gold ores possibly localized along a shear zone and found within Archean eugeosynclinal rock sequences.

Similar stratigraphy which hosts the Hemlo deposit appears to underlie the Franklin Resources Ltd. claim block.

Historically in the Terrace Bay area, gold was found within shear zones and quartz veins thought to be genetically related to the emplacement of the Terrace Bay batholith. Silver, molybdenum, zinc and copper are common sulphides found associated with the gold.

It is concluded based on work done to date that the property is geologically well situated and has reasonable exploration potential to host a

Hemlo type gold ore deposit and/or veined deposits at depth.

A recommended program for Phase II should include an airborne VLF electromagnetic and magnetic survey with follow-up induced potential (I.P.) survey to test for favourable sulphide ore associated minerals.

Further work would be contingent upon the results of Phase I and Phase II.

TABLE of CONTENTS

1.0 INTRODUCTION

Field work on the 18 claim gold prospect of Franklin Resources Ltd. was designed to locate: felsic host, volcanogenic gold ores of the type presently being evaluated by International Corona Resources Ltd.; or veined gold deposits of the type typlified by the past producing Empress Mine.

Hemlo deposits are typically large tonnage, stratabound, tabular bodies with the largest to date, Corona's deposit being in excess of 8.4 million tons. They occur within Archean eugeosynclinal rock sequences with mineralization confined to the contact between felsic volcanic and clastic sedimentary rocks possibly localized within a shear zone, and are directly associated with local sericitic alteration and disseminated pyritic mineralization.

Average grades are typically in the order of 0.36 oz/ton gold with 0.08% molybdenum.

Geophysical techniques, particularly magnetics, self-potential and induced polarization techniques have been tested over the ore horizons and to a certain extent these techniques may prove useful.

There is usually some geochemical expression in gold and molybdenum associated with the ores.

In the Terrace Bay area exploration for vein type gold deposits should focus on greenstone succession around margins of stocks and plugs of felsic compositions particularly in areas of producing and past producing mines. In

looking for gold-quartz veins, geophysics particularly magnetic and I.P. would be most useful. There should be some geochemical expression in gold expressed in soils.

The primary objective of the 1983 Phase I program was to carry out geological and geochemical evaluations of the Franklin Resources Ltd. claim group as prelude to further exploration work (Phase II) and/or diamond drilling (Phase III).

2.0 GEOLOGY

2.1 GENERAL CONSIDERATIONS

HEMLO DEPOSITS

Gold deposits of the Hemlo camp are typical of the syngenetic stratabound, volcanogenic variety of Archean age. Gold and molybdenum are the primary economic minerals with assay grades 0.10-0.36 oz./ton Au. and up to 0.08% Mo. Initial reserves for the Corona-Hemlo deposit total 8.4 million tons grading 0.36 oz./ton Au. and 0.8% Mo.

Initial discovery of gold in the Hemlo camp dates back to 1944 when a prospector discovered a mineralized shear zone with sericitic-pyrite alteration located approximately 1,000 metres west of the present Corona deposit. Assays from this zone ran up to 0.4 oz./ton Au.

The gold ores at Hemlo exhibit both stratigraphic and structural control and occur as tabular bodies enveloped in felsic to intermediate volcanic and sedimentary rocks. The felsic volcanic rock exhibit both vertical and lateral

facies changes within a few metres to kilometres, suggesting a local volcanic "vent" like source possibly localized along a major east-west trending shear zone.

TERRACE BAY AREA

Gold is dominantly associated with quartz veins occupying northeasterly, northwesterly trending shears host by mafic volcanic rock close to the contact with the Terrace Bay batholith. Deposits such as the Empress Gold Mine, Harkness-Hays Gold Mine and Northshore Mine are all located in close proximatly to a felsic igneous contact (figure 1). Average assays range from 0.20-0.69 ounces per ton with values of 40.7 ounces per ton recorded at the Harkness-Hays Mine. Other deposits such as the Ursa Major Mine, do not appear to lie near the granite contact but, the granite is postulated to lie at depth.

2.2 REGIONAL GEOLOGY

The regional geology surrounding the property is shown on Map No. 2232 which is a geologic compilation map for the Nipigon-Schreiber area (one inch to four miles). Map No. 47j entitled "Schreiber Area" which accompanies the 47th Annual Report of the Ontario Department of Mines Map 2107, entitled, "Jackfish-Middleton Area", 1967, both at a scale of one inch to half a mile are also useful maps showing the regional geology.

The belt of volcanic rocks which underlie the claims are thought to be the same as the package of rocks which host the gold deposits in the Hemlo area, located approximately 60 kilometres to the east.

On a regional scale, this package of rocks an interbedded, sequence of

mafic to felsic metavolcanics can be traced for about 50 kilometers and trends in a west-northwesterly direction. This package which is split into two major belts by a large embayment of batholithic rocks, averages about eight kilometers wide. The claims are located in the southern belt.

Locally the property is located in an area where a broad belt of early Precambrian, metavolcanic rock is intruded by granitic rock. The contact between these two major units is ragged and metavolcanics form a tongue surrounded on three sides by intrusive rock. Narrow, northeasterly trending, quartz-olivine diabase dykes are reported to cut both the granitic and metavolcanic rocks within the claim area.

Numerous faults criss-cross through the area with a dominant set closely parallel to the contact between the mafic and acidic volcanics and at least another set running at a high angle (90 degrees) to this set.

3.0 EXPLORATION RESULTS

3.1 HISTORY AND PREVIOUS WORK

Recorded mineral exploration on the Terrace Bay-Jackfish region dates back to at least the late 1800's. The underground workings and mill site of the Empress Gold Mine (presently under option to Micham Exploration Limited) can be found approximately 9 kilometers to the northeast of the Franklin claim group. Between 1895 and 1899 work conducted involved extensive surface and underground headings developed to trace two parallel east-west trending gold bearing quartz veins. By 1899 the mine was shut down due to insufficient working capital and inadequate ore grade. In 1936, Empress Consolidated Gold Mines diamond drilled

approximately 2,500 metres in an attempt to reassess the potential of the mine but by 1937 operations were terminated with no explanation.

A number of other mineral properties are located in the same belt of metavolcanic-metasedimentary rocks and have undergone various stages of development. Descriptions of these properties which include the Little Bear Gold showing of Nicopor Mines Limited, the Ursa Major gold showing (Micham Exploration Limited) and the Owl Lake Molybdenite property can be found in the 47th Annual Report of the Ontario Department of Mines. Refer to Figure 4 which is a portion of the Geological Compilation Map 2232, Nipigon Schrieber Area for locations of all the known mineral occurrences in this belt of rocks.

In April and May 1971, Kennco Explorations Limited, employing the Lochwood Survey Corporation, conducted an airborne electromagnetic survey over the Schrieber-Terrace Bay Districts of Northern Ontario. Eight hundred and fifty line miles were flown and include the ground covered by the Franklin claim group. As a result of this survey, Kennco staked claims in five areas. One area staked (presently held by Teck Corp.) is located directly north of the Franklin claim group. Work conducted by Kennco consisted of electromagnetic and magnetic surveys. Four anomalies which were located had been interpreted as small lenses of iron formation. No drilling was conducted to test the anomalies. In 1976, Noranda Explorations Limited staked eleven unpatented claims over an area just to the north of the Franklin Resources Ltd. claim group. A geological mapping program and a V.L.F.-electromagnetic survey was performed over the Noranda ground. The V.L.F. survey revealed the several strong conductors, however no drilling was performed and the property was allowed to lapse.

BIBLIOGRAPHY

CAVEY, G.

1983: Report on the Property of Franklin Resources Ltd.,

OreQuest Consultants Ltd., unpublished.

MUIR, T.L.

1980: Geology of the Hemlo Area, District of Thunder Bay, OGS OFR5280

QUARTERMAIN, R.A.

1983: Preliminary Geological Description of the Corona Gold Deposit,

Hemlo Area, Ontario, Paper by Teck Explorations Ltd.

Northern Miner: Teck-Corona Deposit, August 25, 1983

Ministry of Natural Resources
Ontario

Report of Work
(Geophysical, Geological, Geochemical and Expenditures)

#325

#.

42D14SE0022 2.7083 STREY

Min

900

File: 675149

Type of Survey(s)	Township or Area
Geology, Geochemistry & Expenditures	Strey G633
Claim Holder(s)	**Prospector's Licence No.**
Franklin Resources Ltd.	T1497
Address	
401 - 595 Howe Street, Vancouver B.C.	
Survey Company	**Date of Survey (from & to)** / **Total Miles of line Cut**
OreQuest Consultants Ltd.	27 05 83 (Day Mo. Yr.) 12 06 83 (Day Mo. Yr.)
Name and Address of Author (of Geo-Technical report)	
G.Cavey c/o OreQuest Consultants Ltd. 404 - 595 Howe Street, Vancouver B.C.	

Credits Requested per Each Claim in Columns at right

Special Provisions		Days per Claim
For first survey: Enter 40 days. (This includes line cutting)	Geophysical	
	- Electromagnetic	
	- Magnetometer	
For each additional survey: using the same grid: Enter 20 days (for each)	- Radiometric	
	- Other	
	Geological	20
	Geochemical	20
Man Days	Geophysical	Days per Claim
Complete reverse side and enter total(s) here	- Electromagnetic	
	- Magnetometer	
	- Radiometric	
	- Other	
	Geological	
	Geochemical	
Airborne Credits		Days per Claim
Note: Special provisions credits do not apply to Airborne Surveys.	Electromagnetic	
	Magnetometer	
	Radiometric	

RECEIVED
JUL 10 1984
MINING LANDS SECTION

Mining Claims Traversed (List in numerical sequence)

Mining Claim Prefix	Mining Claim Number	Expend. Days Cr.
T.B.	675149	9.7
	675150	9.7
	675151	9.7
	675152	9.7
	675153	9.7
	675154	9.7
	677609	9.7
	677610	9.7
	677611	9.7
	677612	9.7
	677613	9.7
	677614	9.7
	677615	9.7
	677616	9.7
	677617	9.7
	677618	9.7
	677619	9.7
	677620	9.7

Mining Claim Prefix	Mining Claim Number	Expend. Days Cr.

Expenditures (excludes power stripping)

Type of Work Performed
Soil Geochemistry
Performed on Claim(s)
-as above-

Calculation of Expenditure Days Credits

Total Expenditures			=	Total Days Credits
$ 2626.83	÷	15	=	175.0

Instructions
Total Days Credits may be apportioned at the claim holder's choice. Enter number of days credits per claim selected in columns at right.

Total number of mining claims covered by this report of work: 18

For Office Use Only

Total Days Cr. Recorded	Date Recorded	Mining Recorder
894.6	June 28/84	Audrey M. Hayes
		Branch Director
	See Revised Statement	

Date	Recorded Holder or Agent (Signature)
June 21, 1984	D. Howe

Certification Verifying Report of Work

I hereby certify that I have a personal and intimate knowledge of the facts set forth in the Report of Work annexed hereto, having performed the work or witnessed same during and/or after its completion and the annexed report is true.

Name and Postal Address of Person Certifying		
D.Howe c/oOreQuest Consultants Ltd. 404 - 595 Howe Street, Vancouver B.C.		
	Date Certified	Certified by (Signature)
	June 21, 1984	D. Howe

(362 (81/9)

Ministry of Natural Resources

Assessment Work Breakdown

#2.7083

1. Type of Survey: SOIL GEOCHEMICAL SURVEY

2. Township or Area: STREY TOWNSHIP

3. Numbers of Mining Claims Traversed by Survey: 675149, 675150, 675151, 675152, 675153, 675154, 677609, 677610, 677611, 677612, 677613, 677614, 677615, 677616, 677617, 677618, 677619, 677620

4. Number of Miles of Line Cut: - Flown: -

*5. Number of Stations Established: -

*6. Make and type of Instrument Used: -

*7. Scale Constant or Sensitivity: -

*8. Frequency Used and Power Output: -

9. Summary of Assessment Credits (details on reverse side)

Total 8 hour Technical Days (Include Consultants, Draughting etc.): 38

Total 8 hour Line-Cutting Days: -

Calculation

38	x 7 =	266	+	-	=	266	÷	18	=	14.78
Technical				Line-cutting				Number of claims		Assessment credits per claim

The dates listed on this form represent working time spent entirely within the limits of the above listed claims [X] Check
If otherwise, please explain

REPORT AND DRAUGHTING IN VANCOUVER OFFICE

Dated: OCTOBER 11, 1984 Signed: D. Hood

Note: (A) * Complete only if applicable.
(B) Complete list of names, addresses and dates on reverse side.
(C) Submit separate breakdown for each type of survey.
(D) Submit in duplicate.

Details of Assessment Work Breakdown

FIELD WORK

Type of Work	Name & Address	Dates Worked	Number of 8 hour days
SAMPLING	RON RIEDEL - c/o OREQUEST	JUNE 1-6, MAY 27, 29-31, 1983	10
SAMPLING	W. RAVEN - c/o OREQUEST	JUNE 1, MAY 29-31, 1983	4
SAMPLING	K. LINLEY - c/o OREQUEST	JUNE 1-6, 8, MAY 29, 31, 1983	9
SAMPLING	D. FLEGG - c/o OREQUEST	JUNE 1-5, 1983	5

CONSULTANTS

Name & Address		Dates Worked (specify in field or office)	Number of 8 hour days
G. CAVEY	FIELD	May 29, 31, 1983	2
G. CAVEY	OFFICE	JULY 6, 7, 8, 12 (1/2 DAY), 13 (1/2 DAY)	4

DRAUGHTSMAN, TYPING, OTHERS (specify)

Name & Address	Type of Work	Dates Worked	Number of 8 hour days
KELLIE WYLLIE	DRAUGHTING	JUNE 28, 29, JULY 1, 2/83	4

TOTAL 8 HOUR TECHNICAL DAYS 38

LINE-CUTTING

Name	Address	Dates Worked	Number of 8 hour days

TOTAL 8 HOUR LINE-CUTTING DAYS _____

Ontario

Ministry of Natural Resources

File _____

GEOPHYSICAL – GEOLOGICAL – GEOCHEMICAL TECHNICAL DATA STATEMENT

TO BE ATTACHED AS AN APPENDIX TO TECHNICAL REPORT
FACTS SHOWN HERE NEED NOT BE REPEATED IN REPORT
TECHNICAL REPORT MUST CONTAIN INTERPRETATION, CONCLUSIONS ETC.

Type of Survey(s) Geology & Geochemistry

Township or Area Strey Twp.

Claim Holder(s) Franklin Resources Ltd.

Survey Company OreQuest Consultants ltd.

Author of Report G.Cavey c/o OreQuest Consultants Ltd.

Address of Author 404- 595 Howe Street, Vancouver B.C

Covering Dates of Survey 27/05/83 - 12/06/83 (linecutting to office)

Total Miles of Line Cut _____

SPECIAL PROVISIONS CREDITS REQUESTED

ENTER 40 days (includes line cutting) for first survey.

ENTER 20 days for each additional survey using same grid.

	DAYS per claim
Geophysical	
–Electromagnetic	
–Magnetometer	
–Radiometric	
–Other	
Geological	20
Geochemical	20

AIRBORNE CREDITS (Special provision credits do not apply to airborne surveys)

Magnetometer _____ Electromagnetic _____ Radiometric _____ (enter days per claim)

DATE: June 21, 1984 SIGNATURE: _____ Author of Report or Agent

Res. Geol. _____ Qualifications _____

Previous Surveys

File No.	Type	Date	Claim Holder

MINING CLAIMS TRAVERSED
List numerically

If space insufficient, attach list

(prefix)	(number)	
T.B.	675149 ✓	
	675150 ✓	
	675151 ✓	
	675152 ✓	
	675153 ✓	
	675154 ✓	
	~~675155~~	
	677609 ✓	
	677610 ✓	
	677611 ✓	
	677612 ✓	
	677613 ✓	
	677614 ✓	5
	677615 ✓	
	677616 ✓	
	677618 ✓	
	677619 ✓	
	677620	
	677617 ✓	

TOTAL CLAIMS 18

OFFICE USE ONLY

837 (5/79)

GEOCHEMICAL SURVEY – PROCEDURE RECORD

Numbers of claims from which samples taken - As Listed -

Total Number of Samples 412

Type of Sample Soil
(Nature of Material)

Average Sample Weight

Method of Collection Heavy Grubhoe

Soil Horizon Sampled B

Horizon Development Good

Sample Depth 30 - 40 cm

Terrain Rugged

Drainage Development Good

Estimated Range of Overburden Thickness
0 - 10 metres

SAMPLE PREPARATION
(Includes drying, screening, crushing, ashing)

Mesh size of fraction used for analysis
- see report -

General

ANALYTICAL METHODS

Values expressed in: per cent ☐
p. p. m. ☑
p. p. b. ☑

Cu, Pb, Zn, Ni, Co, Ag, Mo, As,-(circle)

Others Au

Field Analysis (_____ tests)
Extraction Method
Analytical Method
Reagents Used

Field Laboratory Analysis
No. (_____ tests)
Extraction Method
Analytical Method
Reagents Used

Commercial Laboratory (_____ tests)
Name of Laboratory Vangeochem Labs Ltd.
Extraction Method - see report -
Analytical Method
Reagents Used

General

Mining Lands Section

File No 2.7083

Control Sheet

TYPE OF SURVEY

____ GEOPHYSICAL

__✓__ GEOLOGICAL

__✓__ GEOCHEMICAL

__✓__ EXPENDITURE

MINING LANDS COMMENTS:

lgd. 2.D.

J. Hurst

Signature of Assessor

84-10-01

Date

1984 11 13

Your File: 325
Our File: 2.7083

Mining Recorder
Ministry of Natural Resources
P.O. Box 5000
Thunder Bay, Ontario
P7C 5G6

Dear Madam:

RE: Notice of Intent dated October 24, 1984.
Geological & Geochemical Survey and Data for
Assaying on Mining Claims TB 675149 et al in
the Strey Township.

The assessment work credits, as listed with the above-mentioned Notice of Intent, have been approved as of the above date.

Please inform the recorded holder of these mining claims and so indicate on your records.

Yours sincerely,

S.E. Yundt
Director
Land Management Branch

Whitney Block, Room 6643
Queen's Park
Toronto, Ontario
M7A 1W3
Phone:(416)965-6918

S. Hurst:sc

cc: Franklin Resources Ltd
Suite 401
595 Howe Street
Vancouver, B.C.
V6C 2T5

cc: Orequest Consultants Limited
Suite 404
595 Howe Street
Vancouver, B.C.
V6C 2T5

cc: Mr. G.H. Ferguson
Mining & Lands Commissioner
Toronto, Ontario

cc: Resident Geologist
Thunder Bay, Ontario

Ministry of Natural Resources
Ontario

Technical Assessment Work Credits

File 2.7083

Date 1984 10 24

Mining Recorder's Report of Work No. 325

Recorded Holder: FRANKLIN RESOURCES LTD

Township or Area: STREAY TOWNSHIP

Type of survey and number of Assessment days credit per claim	Mining Claims Assessed
Geophysical	TB 675149 to 154 inclusive 677610 to 620 inclusive
Electromagnetic _____ days	
Magnetometer _____ days	
Radiometric _____ days	
Induced polarization _____ days	
Other _____ days	
Section 77 (19) See "Mining Claims Assessed" column	
Geological _____ days	
Geochemical 15.64 days	
Man days [X] Airborne [ ]	
Special provision [ ] Ground [X]	
[ ] Credits have been reduced because of partial coverage of claims.	
[ ] Credits have been reduced because of corrections to work dates and figures of applicant.	

Special credits under section 77 (16) for the following mining claims

No credits have been allowed for the following mining claims

[X] not sufficiently covered by the survey [ ] Insufficient technical data filed

TB 677609

The Mining Recorder may reduce the above credits if necessary in order that the total number of approved assessment days recorded on each claim does not exceed the maximum allowed as follows: Geophysical — 80; Geological — 40; Geochemical — 40; Section 77(19)—60.

828 (83/6)

Ministry of Natural Resources
Ontario

Technical Assessment Work Credits

File 2.7083

Date 1984 10 24

Mining Recorder's Report of Work No. 325

Recorded Holder: FRANKLIN RESOURCES LTD

Township or Area: STREY TOWNSHIP

Type of survey and number of Assessment days credit per claim	Mining Claims Assessed
Geophysical Electromagnetic _____ days Magnetometer _____ days Radiometric _____ days Induced polarization _____ days Other _____ days Section 77 (19) See "Mining Claims Assessed" column Geological 20 days Geochemical _____ days Man days ☐ Airborne ☐ Special provision ☒ Ground ☒ ☐ Credits have been reduced because of partial coverage of claims. ☐ Credits have been reduced because of corrections to work dates and figures of applicant.	TB 675149 to 154 inclusive 677610 to 619 inclusive

Special credits under section 77 (16) for the following mining claims

No credits have been allowed for the following mining claims

☒ not sufficiently covered by the survey ☐ Insufficient technical data filed

TB 677609-20

The Mining Recorder may reduce the above credits if necessary in order that the total number of approved assessment days recorded on each claim does not exceed the maximum allowed as follows: Geophysical — 80; Geological — 40; Geochemical — 40; Section 77(19)—60:

Ministry of Natural Resources
Ontario

Technical Assessment Work Credits

File 2.7083

Date 1984 10 24

Mining Recorder's Report of Work No. 325

Recorded Holder: FRANKLIN RESOURCES LTD

Township or Area: STREY TOWNSHIP

Type of survey and number of Assessment days credit per claim	Mining Claims Assessed
Geophysical	$2626.83 SPENT ON ASSAYING SAMPLES TAKEN FROM MINING CLAIMS:
Electromagnetic _____ days	TB 675149 to 154 inclusive
Magnetometer _____ days	677610 to 620 inclusive
Radiometric _____ days	
Induced polarization _____ days	
Other _____ days	
Section 77 (19) See "Mining Claims Assessed" column	
Geological _____ days	175 DAYS CREDIT ALLOWED WHICH MAY BE GROUPED IN ACCORDANCE WITH SECTION 76(6) OF THE MINING ACT R.S.O. 1980
Geochemical _____ days	
Man days ☐ Airborne ☐	
Special provision ☐ Ground ☐	
☐ Credits have been reduced because of partial coverage of claims.	
☐ Credits have been reduced because of corrections to work dates and figures of applicant.	

Special credits under section 77 (16) for the following mining claims

No credits have been allowed for the following mining claims

☐ not sufficiently covered by the survey ☐ Insufficient technical data filed

The Mining Recorder may reduce the above credits if necessary in order that the total number of approved assessment days recorded on each claim does not exceed the maximum allowed as follows: Geophysical — 80; Geological — 40; Geochemical — 40; Section 77(19)—60:

828 (83/6)

Ministry of
Natural
Resources

Ontario

960.8/84

1984 10 24

Your File: 325
Our File: 2.7083

Mining Recorder
Ministry of Natural Resources
P.O. Box 5000
Thunder Bay, Ontario
P7C 5G6

Dear Madam:

Enclosed are two copies of a Notice of Intent with statements listing a reduced rate of assessment work credits to be allowed for a technical survey. Please forward one copy to the recorded holder of the claims and retain the other. In approximately fifteen days from the above date, a final letter of approval of these credits will be sent to you. On receipt of the approval letter, you may then change the work entries on the claim record sheets.

For further information, if required, please contact Mr. R.J. Pichette at 416/965-4888.

Yours sincerely,

S.E. Yundt
Director
Land Management Branch

Whitney Block, Room 6643
Queen's Park
Toronto, Ontario
M7A 1W3

RJ · S. Hurst:mc

Encls.

cc: Franklin Resources Ltd
Suite 401
595 Howe Street
Vancouver, B.C.
V6C 2T5

cc: OreQuest Consultants Limited
Suite 404
595 Howe Street
Vancouver, B.C.
V6C 2T5

cc: Mr. G.H. Ferguson
Mining & Lands Commissioner
Toronto, Ontario

Ministry of Natural Resources
Ontario

Notice of Intent

for Technical Reports

1984 10 24

2.7083/325

An examination of your survey report indicates that the requirements of The Ontario Mining Act have not been fully met to warrant maximum assessment work credits. This notice is merely a warning that you will not be allowed the number of assessment work days credits that you expected and also that in approximately 15 days from the above date, the mining recorder will be authorized to change the entries on his record sheets to agree with the enclosed statement. Please note that until such time as the recorder actually changes the entry on the record sheet, the status of the claim remains unchanged.

If you are of the opinion that these changes by the mining recorder will jeopardize your claims, you may during the next fifteen days apply to the Mining and Lands Commissioner for an extension of time. Abstracts should be sent with your application.

If the reduced rate of credits does not jeopardize the status of the claims then you need not seek relief from the Mining and Lands Commissioner and this Notice of Intent may be disregarded.

If your survey was submitted and assessed under the "Special Provision-Performance and Coverage" method and you are of the opinion that a re-appraisal under the "Man-days" method would result in the approval of a greater number of days credit per claim, you may, within the said fifteen day period, submit assessment work breakdowns listing the employees names, addresses and the dates and hours they worked. The new work breakdowns should be submitted direct to the Land Management Branch, Toronto. The report will be re-assessed and a new statement of credits based on actual days worked will be issued.

September 10, 1984 File: 2.7083

Franklin Resources
Suite 401
595 Howe Street
Vancouver, B.C.
V6C 2T5

Dear Sirs:

RE: Geological and Geochemical Survey and Data for Assaying submitted on mining claims TB 675149 et al in Strey Township.

The geochemical portion of the above-mentioned survey has been reviewed and does not qualify for assessment under the Special Provisions method as there has not been a minimum of forty samples taken per claim. However, this survey can be assessed under Man-Days. Please complete the enclosed "Assessment Work Breakdown" in duplicate, and return it to this office quoting File: 2.7083.

For further information, please contact Mrs. S. Hurst at 416/965-4888.

Yours sincerely,

S.E. Yundt
Director
Land Management Branch

Whitney Block, Room 6643
Queen's Park
Toronto, Ontario
M7A 1W3

S. Hurst:sc

Encls:

cc: Mining Recorder
Thunder Bay, Ontario

cc: Orequest Consultants Limited
Suite 404
595 Howe Street
Vancouver, B.C.
V6C 2T5

1984 08 31

Your File: 325
Our File: 2.7083

Mrs. Audrey Hayes
Mining Recorder
Ministry of Natural Resources
P.O. Box 5000
Thunder Bay, Ontario
P7C 5G6

Dear Madam:

We have received reports and maps for a Geological and Geochemical Survey submitted under Special Provisions (credit for Performance and Coverage) and Data for Assaying on Mining Claims TB 675149 et al in the Township of Strey.

This material will be examined and assessed and a statement of assessment work credits will be issued.

Yours sincerely,

S.E. Yundt
Director
Land Management Branch

Whitney Block, Room 6643
Queen's Park
Toronto, Ontario
M7A 1W3
Phone: (416)965-6918

A. Barr:sc

cc: Franklin Resources Ltd
401 - 595 Howe Street
Vancouver, B.C.
V6C 2T5

cc: OreQuest Consultants Ltd
404 - 595 Howe Street
Vancouver, B.C.
V6C 2T5
Attn: Diane Howe

	GL	GC			GL	GC		2-7083	GL	GC	
6[redacted]149	/	✓		6-7609	NC	NC		677615	✓	✓	
50	✓	✓		10	✓	✓		16	✓	✓	
51	✓	✓		11	✓	✓		17	✓	✓	
52	✓	✓		12	✓	✓		18	✓	✓	
53	✓	✓		13	✓	✓		19	✓	✓	
54	✓	✓		14	✓	✓		20	NC	✓	

LEGEND

ROCK TYPE

Middle to Late Precambrian

Puskaskwa gneissic complex

7 unsubdivided

7c biotite granodiorite

Early Precambrian

Metamorphosed ultramafic intrusive rock

6 unsubdivided

6a lherzolite, dunite

6c carbonatized

6g hornblende granite

Mafic Metavolcanics

1 unsubdivided

1a dark green flows

1e amygdaloidal flows

1k pyroclastic breccia, tuff breccia

GEOLOGICAL LEGEND

- Area of outcrop
- foliation (vertical, inclined)
- drag fold
- geological boundary (observed, assumed)
- rock sample location and results
- lineation
- minor fold
- fracture
- lava flow

SYMBOLS

- Claim post
- Stream
- Lake
- Swamp
- Road
- Hydro line

100 0 50 100 METRES

SCALE - 1:2500

OMINECA CONSULTANTS LTD.

GEOLOGY

STREY TOWNSHIP - THUNDERBAY MINING DIVISION - ONTARIO

FRANKLIN RESOURCES LTD.

DATE JULY, 1983	SCALE SCALE - 1:2500	FIGURE NO. 3
DRAWN BY KJWYLLIE		

200

SYMBOLS

- Claim post
- Hydro line
- Stream
- Swamp
- Road
- Gravel pit
- Cut line grid and soil sample location

LEGEND

Mo (ppm) Au (ppb)

- Threshold (7 Mo/20 Au)
- Anomalous (≥ 10 Mo/≥ 25 Au)
- Very anomalous (≥ 20 Mo/≥ 50 Au)

GEOLOGICAL ASSOCIATION OF CANADA FELLOW — GEORGE CAVEY

100 0 50 100 METRES

SCALE 1:2500

OMINECA CONSULTANTS LTD.

GEOCHEMISTRY

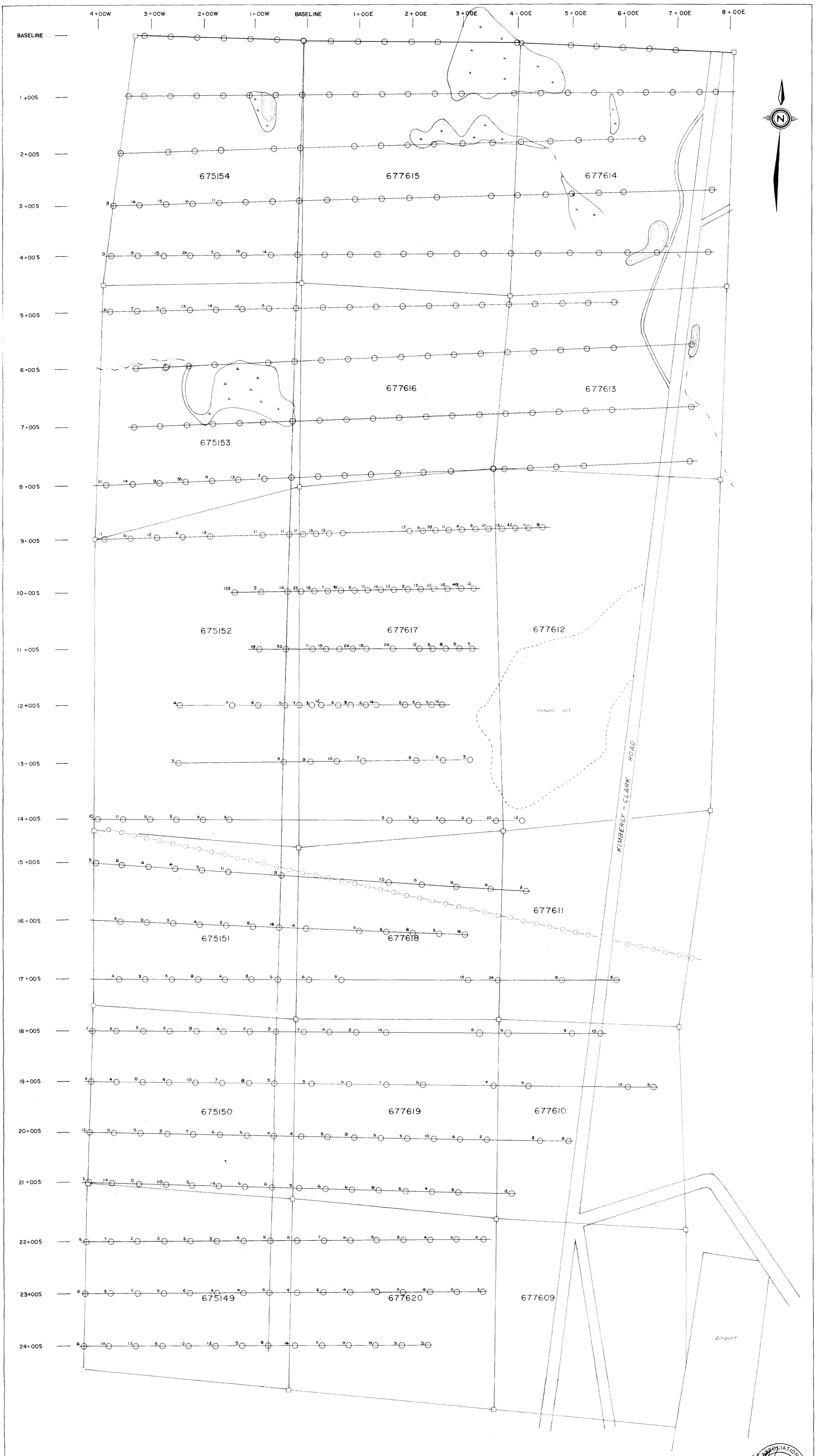
27083

Mo/Au

STREY TOWNSHIP - THUNDERBAY MINING DIVISION - ONTARIO

FRANKLIN RESOURCES LTD.

DATE JUNE, 1983	SCALE 1:2500	FIGURE NO. 4	
DRAWN BY KJWYLLIE			



SYMBOLS

- Claim post
- Hydro line
- Stream
- Swamp
- Road
- Gravel pit
- Cut line grid and soil sample location

LEGEND

Cu (ppm)

- Threshold 25 ppm
- Anomalous (≥40)
- Very anomalous (≥80)

100 0 50 100 METRES

SCALE 1:2500

OMINECA CONSULTANTS LTD.

GEOCHEMISTRY

Cu

STREY TOWNSHIP - THUNDER BAY MINING DIVISION - ONTARIO

FRANKLIN RESOURCES LTD.

DATE	JUNE, 1983	SCALE	1:2500	FIGURE NO.
DRAWN BY	K.WYLLIE			5

SYMBOLS

- Claim post
- Hydro line
- Stream
- Swamp
- Road
- Gravel pit
- Cut line grid and soil sample location

LEGEND

419 All sample nos. preceeded by JD-B

100 0 50 100 METRES

SCALE 1:2500

OMINECA CONSULTANTS LTD.

SAMPLE LOCATION

STREY TOWNSHIP - THUNDERBAY MINING DIVISION - ONTARIO

FRANKLIN RESOURCES LTD.

DATE	JUNE, 1983	SCALE 1:2500	FIGURE NO. 6
DRAWN BY	KJWYLLIE		

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