

830148

ASSESSMENT REPORT  
PROSPECTING AND GEOCHEMICAL SURVEY  
ON THE  
PEREGRINE AND FALCON A  
MINERAL CLAIMS

TOODOGGONE RIVER AREA  
OMINECA MINING DIVISION, B.C.  
N.T.S. 94E/6E  
57° 27' N; 127° 06' W

FOR

MULTINATIONAL RESOURCES INC.  
795 - 885 Dunsmuir Street,  
Vancouver, B.C., V6C 1N8

BY

MALCOLM BELL  
HI-TEC RESOURCE MANAGEMENT LTD.  
1590 - 609 Granville Street  
Vancouver, B.C., V7Y 1C6

November 12, 1985

Work Done: August 17 to September 10, 1985.

CLAIMS WORKED

<u>Claim Name</u>	<u>Units</u>	<u>Record No.</u>	<u>Anniversary Date</u>
Peregrine	20	6934	March 25
Falcon	18	6930	March 25

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## SUMMARY


The Peregrine and Falcon A mineral claims are held by Multinational Resources Inc. The claims are situated in the Toodoggone River area of north-central British Columbia, approximately 300 kilometers north of Smithers, B.C. Access is by fixed-wing aircraft and helicopter.

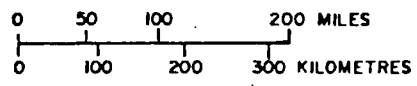
The Toodoggone River area is an epithermal precious metals district. Known deposits include the Baker gold-silver mine and the Lawyers deposit which has a reported reserve of more than 1 million tonnes with a grade of 7.27 grams/tonne gold and 254 grams/tonne silver. The Lawyers deposit and several other significant gold-silver prospects in the area are hosted by early Jurassic Toodoggone volcanic rocks. The Baker deposit is hosted by upper Triassic Takla volcanic rocks.

The Peregrine and Falcon A mineral claims cover areas underlain by early Jurassic volcanic rocks which are intruded by granitic rocks of similar age. Significant gold values occur in several zones on the JD property which adjoins the west boundary of the Peregrine claim.

A reconnaissance soil sampling and prospecting program was conducted in 1985 to evaluate the precious metal potential of the property. The results of this work indicate the presence of scattered gold and silver anomalies in soils and rock. Copper, lead and zinc are in places also anomalous.



MULTINATIONAL RESOURCES INC.		
PEREGRINE AND FALCON CLAIMS		
<b>LOCATION MAP</b>		
 HI-TEC RESOURCE MANAGEMENT LIMITED	DWN. BY: J.W.	DATE: DEC/85
	CHK. BY:	FIGURE NO. 1
	SCALE: As shown	



## INTRODUCTION

A prospecting and soil sampling crew completed a preliminary evaluation of the Peregrine and Falcon A claims in 8 days during the period August 17 to September 10, 1985. The work was performed by O. Paeseller, J. Ashenurst, T. Archibald, B. Dent, and by T. Roorcroft, under the supervision of M. Bell of Hi-Tec Resource Management Ltd. Soil sampling was done at 100 metre intervals along contours at approximately 1600 and 1700 metre elevations. Silt samples were collected on all tributary streams draining the area, and panned stream concentrates at silt sample locations wherever possible.

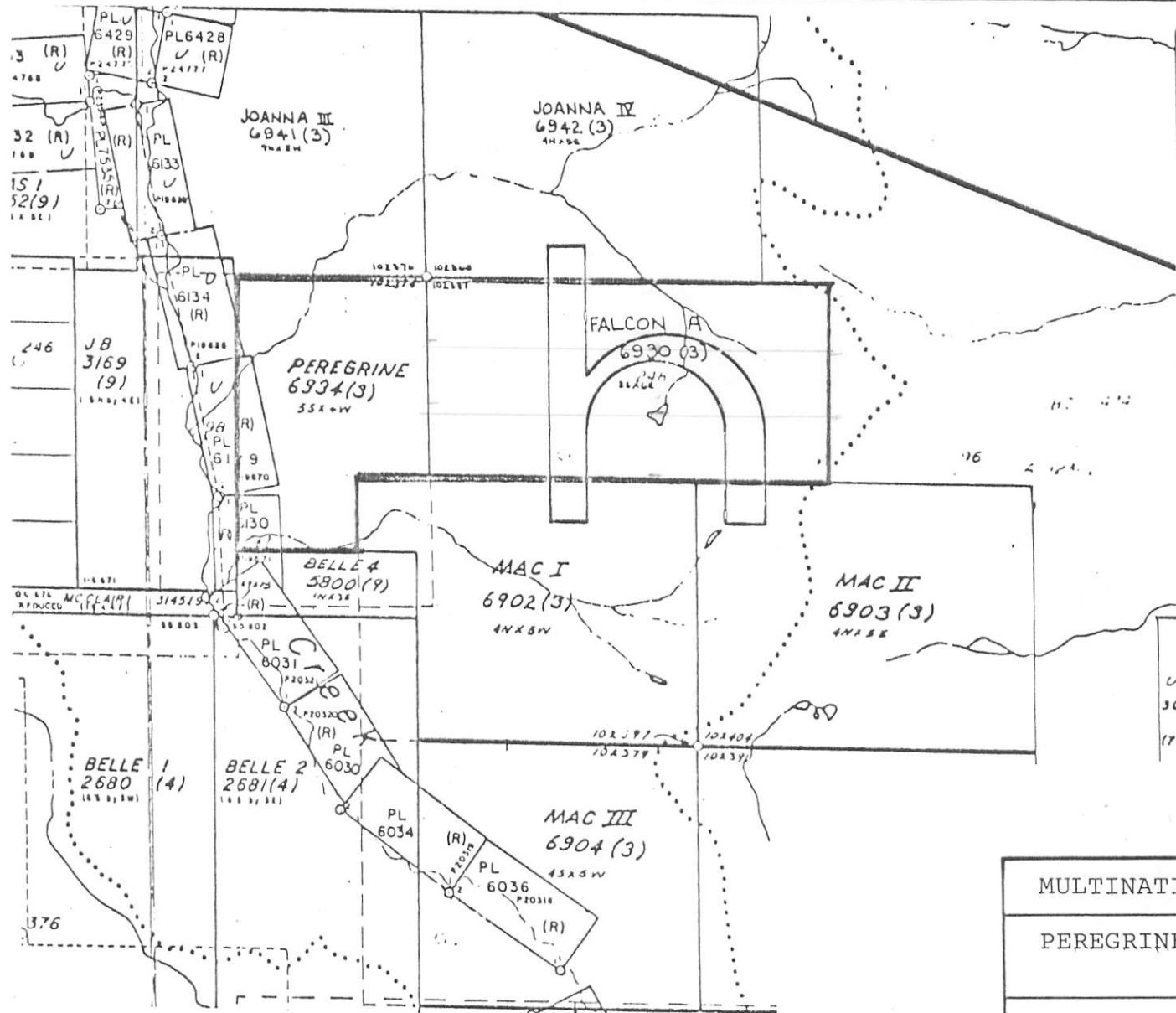
### Location and Access

The Peregrine and Falcon A claims are situated in The Toodoggone River area, some 300 km north of Smithers, B.C. (Figure 1). The area covered by the claims is moderately rugged. Elevations range from 1280 meters in the McClair Creek valley in the west, to 1900 meters at the eastern boundary of the property. The area above 1600 metre elevation is free of vegetation.

Access to the property is by fixed wing-aircraft to the Sturdee River airstrip, and then by helicopter 35 km to the north. The Sturdee airstrip is linked by road to the Baker Mine and the Lawyers deposit. The property is 15 km north of the Lawyers deposit and adjoins the east boundary of the JD claim group of Energex Minerals Ltd.

### Property and Ownership

The property consists of the Peregrine and Falcon A modified grid claims comprising 38 claim units (Figure 2). The claims are owned by Multinational Resources Inc. The pertinent claim data are as follows:



MULTINATIONAL RESOURCES INC

PEREGRINE AND FALCON CLAIMS

CLAIM LOCATION SKETCH



HI-TEC  
RESOURCE  
MANAGEMENT  
LIMITED

DWN. BY:

CHK. BY:

SCALE: 1:50,000

DATE: DEC/85

FIGURE NO. 2

<u>Claim Name</u>	<u>Units</u>	<u>Record No.</u>	<u>Anniversary Date</u>
Peregrine	20	6934	March 25, 1986
Falcon	18	6930	March 25, 1986

\* Prior to filing of 1985 expenditures for assessment credits.

### **Regional Geology and Mineralization**

The Toadoggone River epithermal precious metal district occurs near the eastern margin of the Intermontane tectonic belt. It extends for more than 100 km from McConnell Creek to the Stikine River as a 20 km wide zone of volcanic, sedimentary and intrusive rocks. The oldest rocks in the area are the Asitka limestones, argillites and cherts of Permian age. The Asitka Group are usually in fault contact with Takla volcanic rocks of Upper Triassic age. The Takla is characterized by abundant flows of augite andesite, basalt, porphyritic feldspar andesite and their volcanoclastic sedimentary equivalents.

The volcanic rocks lying stratigraphically above the Takla Group have been classified under two headings: the Toadoggone and the Hazelton. The Toadoggone Group is of Lower Jurassic age and is equivalent to the base of the Hazelton Group (Panteleyev, 1984). The Toadoggone volcanics consist predominantly of subaerial dacite, latite, trachyte and rhyolite pyroclastic rocks more than 500 metres in thickness, which unconformably overlie the Takla. The majority of the epithermal precious metal occurrences in the area are associated with the Toadoggone volcanic rocks. However, the Baker deposit occurs in Takla volcanic rocks.

The Toadoggone volcanic rocks are bordered on the east by and are in fault contact with the Hazelton Group, consisting of intermediate volcanic conglomerate, breccia, lahar and abundant pink feldspar porphyry dikes and sills. These rocks range in age from Lower Jurassic to Upper Jurassic and may include members of the Toadoggone Group. Acid to intermediate stocks and plugs of Jurassic age are intruded into the sedimentary and volcanic rocks of the area.

The Toodoggone camp exhibits at least four types of precious metal mineralization, the most common of which is epithermal in origin. The epithermal deposits occur as massive quartz veins such as at the Baker Mine, or as silicified zones and amethystine breccia zones such as at the Lawyers deposit. They are generally close to major northwest faults and are associated with siliceous volcanic centres, exhalative vents and zones of alteration within the Toodoggone volcanics. Quartz, barite and carbonate are the chief gangue minerals. The vein minerals are acanthite, pyrite, electrum, chalcopyrite, native gold, sphalerite and galena. Grades range from 0.1 to 1.0 oz/T Au and 1.0 to 20.0 oz/T Ag.



## PROPERTY GEOLOGY

The Peregrine and Falcon A claims are underlain mainly by Jurassic volcanic rocks belonging to the Toodoggone and/or Hazelton Groups. These rocks are intruded by the McClair Creek granitic stock along the western part of the Peregrine claim. Previous work by Kidd Creek Mines Ltd. and Texas Gulf Canada Ltd. west of McClair Creek on parts of the Peregrine claim, has demonstrated the presence of northwest striking south dipping green crystal and lapilli tuffs and coarse pyroclastic rocks (Sutherland, 1981). Intensely sheared and limonite-stained granitic rocks reported along McClair Creek are due to the presence of a major northwest fault traversing the area (Gabrielse et al., 1976). Subsidiary parallel fault structures occur on the Falcons claim to the east of the saunders-McClair regional fault. Preliminary prospecting in 1985 established the presence of two gossans areas on the Falcon A claim which indicate the presence of sulphide mineralization within the volcanic rocks. The significance of these gossans has not been explored. Base metal mineralization and associate gold values occur on the JD property of Energex Minerals Ltd. which adjoins the west boundary of the Peregrine claim.

## GEOCHEMISTRY

### Sampling and Analytical Procedure

A total of 122 soil samples, 7 silts, 16 panned concentrates and 9 rock samples were collected for geochemical analysis from the Peregrine and Falcon A claims in 1985. Soil samples were collected at 50 metre intervals along two contour traverse lines at approximately 1600 and 1700 metre elevations. Samples were taken with a mattock from depths of 15 cm to 25 cm, placed in numbered kraft paper bags and shipped to Min-En Laboratories Ltd. in North Vancouver for analysis.

Soil samples were dried at approximately 60°C and then sieved to minus 80 mesh. A 0.5 gram portion of each sample from the first batch was extracted by digestion with nitric acid and aqua regia followed by six element ICP analysis. Later in the program analysis was done only for silver and gold, employing atomic absorption determination. Rock samples were crushed and panned concentrates separated by heavy liquid and crushed before extraction by aqua regia solution and atomic absorption measurement.

### Presentation and Discussion of Results

The analytical results are presented in Appendix III. Significant anomalous values are plotted on Figure 3. It can be seen from this plot that a large number of soils are anomalous in gold, with most values falling in the 10 - 50 ppb gold range. Values over 1 ppm silver and 10 ppb gold are considered anomalous. Anomalous copper (+ 100 ppm) and lead (+ 50 ppb) are much more restricted in their distribution. The source of these anomalies have not yet been found.

## CONCLUSIONS AND RECOMMENDATIONS

Reconnaissance contour soil sampling has discovered gold and silver anomalies scattered over a broad area on the Falcon A claim, indicating good potential for the discovery of gold and silver mineralization. Other isolated anomalies which may lead to mineralization are 1105 ppm Cu and 553 ppm Pb in separate soil samples, and 1200 ppb Au in hand panned concentrates from a stream. These anomalies occur in areas underlain by Jurassic volcanic rocks which are favourable for the occurrence of gold and silver mineralization. Two gossanous zones, as yet unexplored in detail, characterize portions of the anomalous areas, and indicate the presence of sulphide mineralization.

A recommended follow up program should include detailed soil sampling and rock chip sampling over the entire area of the Falcon A claim to define the intensity and dimension of indicated soil anomalies. Geological mapping and prospecting is warranted to determine the source of the geochemical anomalies.

Respectfully submitted,



HI-TEC RESOURCE MANAGEMENT LTD.

## REFERENCES

- Allen, D. G., (1973): McClair Creek Property (Dew Claims), Geochemical Report, B.C. Ministry of Energy Mines and Petroleum Res. (BCMEMP) Assessment Report 4497.
- Carter, M. C., 1985: Geological Report on the Peregrine and Falcon A Mineral Claims, Omineca M.D., British Columbia, 17 pp.
- Gabriesle, H., et al., (1976): Geology of the Toodoggone River (94E) Map Area, G.S.C. Open File 306.
- Panteleyev, A., (1984): Geology between Toodoggone and Sturdee Rivers, BCMEMP Geological Fieldwork 1983, Paper 84-1, pp 136 - 138.
- Sutherland, I. G. (1981): Report on Geological and Geochemical Surveys on McClair 81 Group, BCMEMP Assessment Report 9995.

APPENDIX I

STATEMENT OF COST

PERIOD WORKED: August 17 - September 10, 1985

J. Ashenhurst	6 days @ \$240.00	\$ 1,440.00
T. Archibald	7 days @ \$240.00	\$ 1,680.00
B. Dent	1 day @ \$240.00	\$ 240.00
T. Roocroft	1 day @ \$240.00	\$ 240.00
M. Bell	2 days @ \$350.00	\$ 700.00
Mobilization & Demobilization		\$ 1,785.00
Field Materials		\$ 83.00
Camp Materials		\$ 350.00
Expediting	15 days @ \$20.00	\$ 300.00
Meals	15 days @ \$40.00	\$ 600.00
Accommodation	15 days @ \$25.00	\$ 300.00
Helicopter		\$ 1,802.50
Fixed Wing		\$ 768.00
Assays		\$ 1,361.80
Report Costs, Drafting		<u>\$ 950.00</u>
	TOTAL:	<u>\$12,600.30</u>

APPENDIX II

## STATEMENT OF QUALIFICATIONS

I, Malcolm Bell, of Vancouver, B.C., hereby certify that:

1. I have worked in mineral exploration since 1970.
2. I am the president of Hi-Tec Resource Management Limited and have been supervising and directing exploration programs in Canada, Colombia, S.A., and Australia since Hi-Tec was established in May, 1980.
3. I have successfully completed studies in Survey Engineering at B.C.I.T. (1979).
4. This report is based on survey work completed by personnel under by direct supervision.

Dated at Vancouver B.C. this 7 day of JANUARY, 1985.



MALCOLM BELL



HI-TEC  
RESOURCE  
MANAGEMENT  
LIMITED



APPENDIX III

**MIN-EN Laboratories Ltd.**

705 WEST 15th STREET,  
NORTH VANCOUVER, B.C., CANADA V7M 1T2  
TELEPHONE (604) 980-5814

**ANALYTICAL REPORT**

Project PF 85 Date of report Oct. 7/85.  
 File No. 5-740 Date samples received \_\_\_\_\_  
 Samples submitted by: Malcolm Bell  
 Company: Hi Tec Resource Management  
 Report on: 73soils, 6 pan conc., 4 rocks Geochem samples  
 \_\_\_\_\_ Assay samples  
 \_\_\_\_\_

## Copies sent to:

1. Hi-Tec Resource Management, Vancouver, B.C.
2. \_\_\_\_\_
3. \_\_\_\_\_

Samples: Sieved to mesh -80 soil Ground to mesh -80 rock

Prepared samples stored  discarded   
 rejects stored  discarded

Methods of analysis: Soil & Rock - Ag-nitric, perchloric digestion. A.A., Au-aqua  
 regia. A.A., Pan Conc- Ag-same. Au-fire.

Remarks: \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

MIN-E J Laboratories Ltd.

Specialists in Mineral Environments

705 WEST 15th STREET NORTH VANCOUVER, B.C. CANADA V7H 1T2

MULTINATIONAL

PHONE: (604) 980-5811 OR (604) 988-4524

TELEX: 04-352828

GEOCHEMICAL ANALYSIS CERTIFICATE

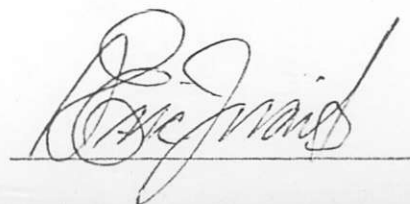
COMPANY: HI-TEC RESOURCE MANAGEMENT  
 PROJECT: PF-85  
 ATTENTION: MALCOLM BELL

FILE: 5-740/P1  
 DATE: OCT. 5/85.  
 TYPE: SOIL GEOCHEM

We hereby certify that the following are the results of the geochemical analysis made on 30 samples submitted.

SAMPLE NUMBER	AG PPM	AU PPB	
S 014	1.6	10	
S 015	1.2	5	40MESH
S 017	0.8	5	20MESH
S 018	0.8	5	20MESH
S 019	1.2	10	40MESH
S 021	0.7	5	20MESH
S 023	2.4	5	40MESH
S 024	4.0	10	
S 025	0.5	5	20MESH
S 027	0.6	5	20MESH
<del>100</del> SILT. ADULT.	1.6	10	
100	0.7	5	
101	0.8	5	
102	0.6	10	
103	0.9	45	
104	0.8	5	
105	0.6	5	
106 PF MULTI.	1.4	10	
107	1.0	5	
108	2.2	5	
109	1.4	10	40MESH
110	2.1	25	
111	1.6	5	
112	0.7	5	
113	0.7	5	
114	0.7	10	
115	1.3	5	
116	1.2	5	
117	1.2	10	
118	1.0	5	

Certified by



**MIN-E Laboratories Ltd.**

Specialists in Mineral Environments

705 WEST 15th STREET NORTH VANCOUVER, B.C. CANADA V7M 1T2

PHONE: (604) 980-5814 OR (604) 980-4524

TELEX: 04-352828

GEOCHEMICAL ANALYSIS CERTIFICATE

COMPANY: HI-TEC RESOURCE MANAGEMENT  
 PROJECT: PF-85  
 ATTENTION: MALCOLM BELL

FILE: 5-740/P2  
 DATE: OCT. 5/85.  
 TYPE: SOIL GEOCHEM

We hereby certify that the following are the results of the geochemical analysis made on 30 samples submitted.

SAMPLE NUMBER	AG PPM	AU PPB	
119	1.1	5	
120	1.3	5	40MESH
121	1.0	5	
122	0.8	10	
123	0.7	5	
124	0.7	15	
125	1.2	5	
126	0.9	5	
127	0.9	10	
128	0.8	5	
129	1.1	5	
130	2.6	20	
131	1.3	25	
132	1.2	5	
133	0.6	5	
134	0.8	5	
135	1.4	10	
137	0.7	5	
138	1.0	15	
139	1.0	10	
140	1.2	5	
141	0.9	5	
142	1.5	50	
207	1.1	10	
208	0.7	5	
209	0.6	5	
210	1.0	5	
211	2.0	10	
212	1.6	5	
214	0.9	5	

PF  
MULTI

MULTI

Certified by



**MIN-E I Laboratories Ltd.**

*Specialists in Mineral Environments*

705 WEST 15th STREET NORTH VANCOUVER, B.C. CANADA V7M 1T2

PHONE: (604) 980-5814 OR (604) 988-4524

TELEX: 04-352828

GEOCHEMICAL ANALYSIS CERTIFICATE

COMPANY: HI-TEC RESOURCE MANAGEMENT  
PROJECT: PF-85  
ATTENTION: MALCOLM BELL

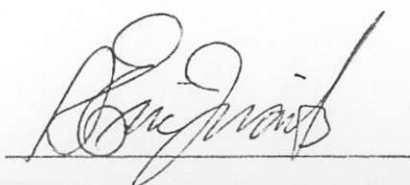
FILE: 5-740/P3  
DATE: OCT. 4/85.  
TYPE: SOIL GEOCHEM

*We hereby certify that the following are the results of the geochemical analysis made on 13 samples submitted.*

SAMPLE NUMBER	AG PPM	AU PPB
215	0.8	10
216	1.6	5
217	1.4	25
218	2.5	5
219	2.7	5
220	1.1	5
221	0.9	5
222	1.2	5
224	2.1	10
225	1.4	5
226	1.5	5
227	1.5	5
228	1.7	85

*PF MULTI.*

Certified by



MIN-E J Laboratories Ltd.  
Specialists in Mineral Environments  
705 WEST 15th STREET NORTH VANCOUVER, B.C. CANADA V7M 1T2

PHONE: (604) 980-5814 OR (604) 988-4524

TELEX: 04-352828

GEOCHEMICAL ANALYSIS CERTIFICATE

COMPANY: HI-TEC RESOURCE MANAGEMENT  
PROJECT: PF-85  
ATTENTION: MALCOLM BELL

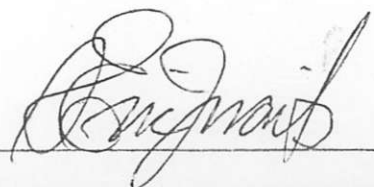
FILE: S-740  
DATE: OCT. 7/85.  
TYPE: ROCK GEOCHEM

We hereby certify that the following are the results of the geochemical analysis made on 4 samples submitted.

SAMPLE NUMBER	AG PPM	AU PPB
143	1.2	5
136	1.3	5
213	2.2	10
223	10.6	35

MULTI.

Certified by



MIN-F V Laboratorie Ltd.  
Specialists in Mineral Environments  
705 WEST 15th STREET NORTH VANCOUVER, B.C. CANADA V7M 1T2

PHONE: (604)980-5814 OR (604)988-4524

TELEX: 04-352828

GEOCHEMICAL ANALYSIS CERTIFICATE


COMPANY: HI-TEC RESOURCE MANAGEMENT  
PROJECT: PF-85  
ATTENTION: MALCOLM BELL

FILE: 5-740  
DATE: OCT. 7/85.  
TYPE: PAN CONC.

We hereby certify that the following are the results of the geochemical analysis made on 6 samples submitted.

SAMPLE NUMBER	AG PPM	AU-FIRE PFB
016	0.6	7
020	1.3	1200
022	0.8	10
026	1.1	4
028	1.1	10
030	0.9	4

Certified by



MIN-EN LABORATORIAL

# MIN-EN Laboratories Ltd.

705 WEST 15th STREET,  
NORTH VANCOUVER, B.C., CANADA V7M 1T2  
TELEPHONE (604) 980-5814

## ANALYTICAL REPORT

Project P 85 Date of report Oct. 8/85.

File No. 5-739 Date samples received

Samples submitted by: Malcolm Bell

Company: Hi-Tec Resource Management

Report on: 49 soils, 2 rocks Geochem samples

Assay samples

### Copies sent to:

1. Hi-Tec Resource Management, Vancouver, B.C.
2. \_\_\_\_\_
3. \_\_\_\_\_

Samples: Sieved to mesh -80 soil Ground to mesh -80 rock

Prepared samples stored  discarded

rejects stored  discarded

Methods of analysis: 6 element ICP. Au-aqua regia.AA

Remarks: \_\_\_\_\_



(VALUES IN PPM)	AG	AS	BA	CU	PB	ZN	AU-PPB
315	1.4	8	444	31	46	178	5
317	3.4	5	333	58	64	145	5
318	1.7	3	509	100	65	224	15
319	.8	1	485	26	67	97	5
320	.6	1	246	23	47	108	5
321	1.4	1	239	36	65	172	5
322	.9	9	126	26	46	124	10
323	1.2	2	130	26	55	151	15
324	1.1	1	151	22	65	123	5
325	.9	1	159	19	57	122	20
326	40M .4	4	151	12	22	35	5
327	2.1	7	165	48	53	68	5
328	.7	2	457	15	47	112	5
329	.7	8	284	37	69	116	15
330	1.1	1	234	45	38	137	30
331	1.3	6	239	85	71	156	5
332	40M 1.2	1	542	114	63	163	10
333	1.3	1	349	86	71	204	5
334	1.4	4	402	150	93	166	15
336	1.3	10	143	46	63	93	5
337	1.3	14	198	66	63	151	10
338	1.3	9	129	49	68	114	5
339	1.5	1	350	55	72	195	5
340	1.3	16	326	26	59	124	35
341	1.5	19	144	42	256	127	10
342	1.6	16	131	41	102	195	5
343	2.0	12	129	38	664	354	5
344	.7	7	163	23	75	103	5
345	1.1	24	132	28	71	83	25
346	.8	8	114	19	59	97	5
347	.9	6	90	45	73	152	20
348	.6	22	364	57	101	308	5
349	.7	7	123	23	57	92	10
350	.8	9	91	45	56	162	5
351	.8	13	150	21	49	137	5
352	.9	10	83	24	54	112	10
353	.9	8	97	26	44	110	5
354	1.0	15	125	34	67	140	5
355	.5	11	106	29	61	139	5
356	.3	12	95	25	51	108	20
357	.6	6	73	34	47	98	25
358	.8	14	115	42	53	156	5
359	1.3	1	145	82	55	161	5
360	1.2	15	99	61	54	161	30
361	.9	7	83	28	46	112	20
362	.9	4	65	13	43	40	5
363	1.2	3	67	43	45	153	15
364	1.9	25	134	31	72	164	10
364	1.1	13	226	40	60	143	5

COMPANY: HI-TEC RESOURCE MANAGEMENT

MIN-EN LABS ICP REPORT

(ACT:GEO27) PAGE 1 OF 1

PROJECT NO: P 85

705 WEST 15TH ST., NORTH VANCOUVER, B.C. V7M 1T2

FILE NO: 5-739R

ATTENTION: MALCOLM BELL

(604)980-5814 OR (604)988-4524

\* TYPE ROCK GEOCHEM \* DATE: OCT 8, 1985

(VALUES IN PPM)	AG	AS	BA	CU	PB	ZN	AU-PFB
316	2.0	1	198	49	20	239	5
5	2.9	1	21	1105	4	58	10

17027 (REV. 11/85)

**MIN-E Laboratories Ltd.**  
*Specialists in Mineral Environments*  
 705 WEST 15th STREET NORTH VANCOUVER, B.C. CANADA V7M 1T2

PHONE: (604)980-5814 OR (604)988-4524

TELEX: 04-352828

GEOCHEMICAL ANALYSIS CERTIFICATE

COMPANY: HI-TEC RESOURCE MANAGEMENT  
 PROJECT: PF-85  
 ATTENTION: MALCOLM BELL

FILE: 5-740/P1  
 DATE: OCT. 5/85.  
 TYPE: SOIL GEOCHEM

*We hereby certify that the following are the results of the geochemical analysis made on 30 samples submitted.*

SAMPLE NUMBER	AG PPM	AU PPB	
014	1.6	10	
015	1.2	5	40MESH
017	0.8	5	20MESH
018	0.8	5	20MESH
019	1.2	10	40MESH
021	0.7	5	20MESH
023	2.4	5	40MESH
024	4.0	10	
025	0.5	5	20MESH
027	0.6	5	20MESH
029	1.6	10	
100	0.7	5	
101	0.8	5	
102	0.6	10	
103	0.9	45	
104	0.8	5	
105	0.6	5	
106	1.4	10	
107	1.0	5	
108	2.2	5	
109	1.4	10	40MESH
110	2.1	25	
111	1.6	5	
112	0.7	5	
113	0.7	5	
114	0.7	10	
115	1.3	5	
116	1.2	5	
117	1.2	10	
118	1.0	5	

Certified by



**MIN-E Laboratories Ltd.**  
*Specialists in Mineral Environments*  
 705 WEST 15th STREET NORTH VANCOUVER, B.C. CANADA V7M 1T2

PHONE: (604) 980-5814 OR (604) 988-4524

TELEX: 04-352828

GEOCHEMICAL ANALYSIS CERTIFICATE

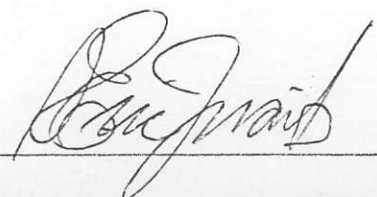
COMPANY: HI-TEC RESOURCE MANAGEMENT  
 PROJECT: PF-85  
 ATTENTION: MALCOLM BELL

FILE: 5-740/P2  
 DATE: OCT. 5/85.  
 TYPE: SOIL GEOCHEM

*We hereby certify that the following are the results of the geochemical analysis made on 30 samples submitted.*

SAMPLE NUMBER	AG PPM	AU PPB	
119	1.1	5	
120	1.3	5	40MESH
121	1.0	5	
122	0.8	10	
123	0.7	5	
124	0.7	15	
125	1.2	5	
126	0.9	5	
127	0.9	10	
128	0.8	5	
129	1.1	5	
130	2.6	20	
131	1.3	25	
132	1.2	5	
133	0.6	5	
134	0.8	5	
135	1.4	10	
137	0.7	5	
138	1.0	15	
139	1.0	10	
140	1.2	5	
141	0.9	5	
142	1.5	50	
207	1.1	10	
208	0.7	5	
209	0.6	5	
210	1.0	5	
211	2.0	10	
212	1.6	5	
214	0.9	5	

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*Specialists in Mineral Environments*

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PHONE: (604) 980-5814 OR (604) 988-4524

TELEX: 04-352828

GEOCHEMICAL ANALYSIS CERTIFICATE

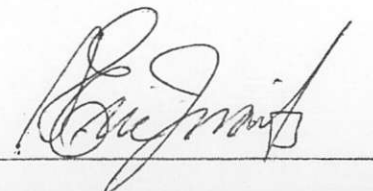
COMPANY: HI-TEC RESOURCE MANAGEMENT  
PROJECT: PF-85  
ATTENTION: MALCOLM BELL

FILE: 5-740/P3  
DATE: OCT. 4/85.  
TYPE: SOIL GEOCHEM

We hereby certify that the following are the results of the geochemical analysis made on 13 samples submitted.

SAMPLE NUMBER	AG PPM	AU PPB
215	0.8	10
216	1.6	5
217	1.4	25
218	2.5	5
219	2.7	5
220	1.1	5
221	0.9	5
222	1.2	5
224	2.1	10
225	1.4	5
226	1.5	5
227	1.5	5
228	1.7	85

Certified by



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Specialists in Mineral Environments  
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PHONE: (604)980-5814 OR (604)988-4524

TELEX: 04-352828

GEOCHEMICAL ANALYSIS CERTIFICATE

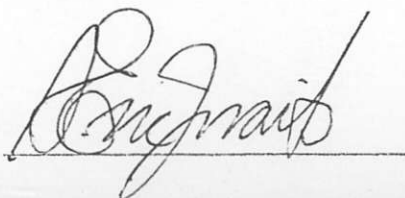
COMPANY: HI-TEC RESOURCE MANAGEMENT  
PROJECT: PF-85  
ATTENTION: MALCOLM BELL

FILE: 5-740  
DATE: OCT.7/85.  
TYPE: ROCK GEOCHEM

We hereby certify that the following are the results of the geochemical analysis made on 4 samples submitted.

SAMPLE NUMBER	AG PPM	AU PPB
143	1.2	5
136	1.3	5
213	2.2	10
223	10.6	35

Certified by



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PHONE: (604)980-5814 OR (604)988-4524

TELEX: 04-352828

GEOCHEMICAL ANALYSIS CERTIFICATE

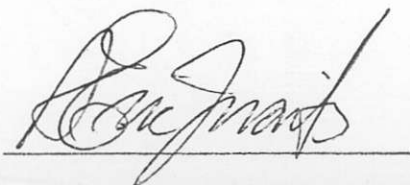
COMPANY: HI-TEC RESOURCE MANAGEMENT  
PROJECT: PF-85  
ATTENTION: MALCOLM BELL

FILE: 5-740  
DATE: OCT. 7/85.  
TYPE: PAN CONC.

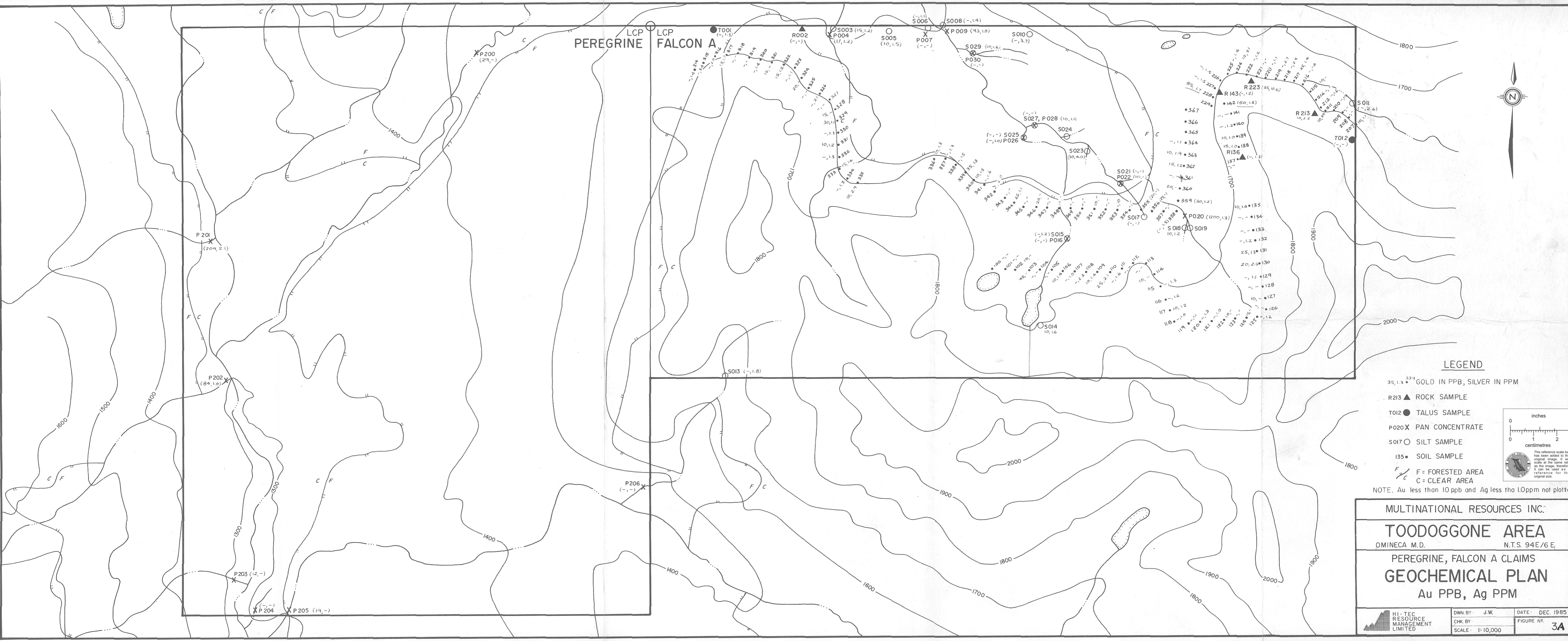
*We hereby certify that the following are the results of the geochemical analysis made on 6 samples submitted.*

SAMPLE NUMBER	AG PPM	AU-FIRE PPB
016	0.6	7
020	1.3	1200
022	0.8	10
026	1.1	4
028	1.1	10
030	0.9	4

Certified by

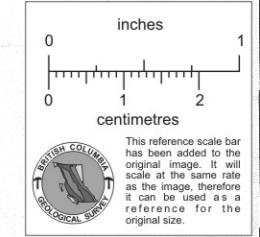






**LEGEND**

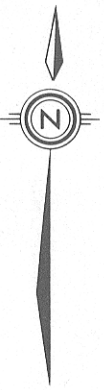
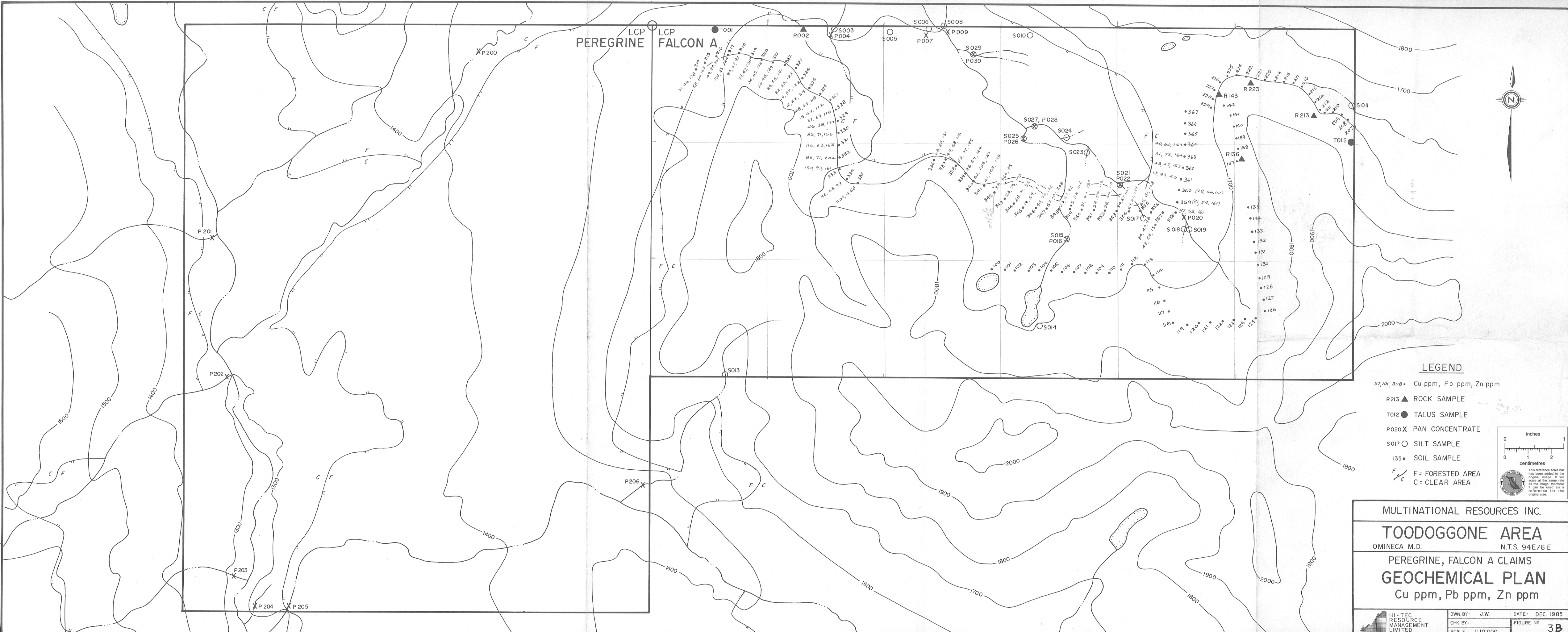
- 35, 1.3 <sup>33-1</sup> GOLD IN PPB, SILVER IN PPM
- R213 ▲ ROCK SAMPLE
- TO12 ● TALUS SAMPLE
- P202 X PAN CONCENTRATE
- S017 ○ SILT SAMPLE
- 135 ● SOIL SAMPLE
- F C F = FORESTED AREA  
C = CLEAR AREA



NOTE: Au less than 10 ppb and Ag less than 1.0ppm not plotted

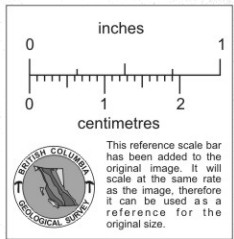
MULTINATIONAL RESOURCES INC.		
<b>TOODOGGONE AREA</b>		
OMINECA M.D.		N.T.S. 94E/6E
PEREGRINE, FALCON A CLAIMS		
<b>GEOCHEMICAL PLAN</b>		
Au PPB, Ag PPM		
 HI-TEC RESOURCE MANAGEMENT LIMITED	DWN BY: J.W. CHK BY: SCALE: 1:10,000	DATE: DEC. 1985 FIGURE NO. <b>3A</b>






**LEGEND**

- 57, 101, 308 • Cu ppm, Pb ppm, Zn ppm
- R213 ▲ ROCK SAMPLE
- TO12 ● TALUS SAMPLE
- P202 X PAN CONCENTRATE
- S017 ○ SILT SAMPLE
- 135 • SOIL SAMPLE
- F/C F = FORESTED AREA  
C = CLEAR AREA



MULTINATIONAL RESOURCES INC.		
<b>TOODOGGONE AREA</b>		
OMINECA M.D.		N.T.S. 94E/6E
PEREGRINE, FALCON A CLAIMS		
<b>GEOCHEMICAL PLAN</b>		
Cu ppm, Pb ppm, Zn ppm		
 HI-TEC RESOURCE MANAGEMENT LIMITED	DWN BY: J.W. CHK BY: SCALE: 1:10,000	DATE: DEC. 1985 FIGURE NO. <b>3B</b>