86-352 - 14968

1986 REPORT OF GEOLOGICAL AND GEOCHEMICAL FIELDWORK ON THE MIDAS PROPERTY

Renfrew, Lizard Claims

Port Renfrew Area
Victoria Mining Division

Latitude 48°36.5'
Longitude 124°16.5'
NTS 92C/9W,9E

FOR

Owner/Operator: Pan Island Resource Corporation
Ste. 1590-609 Granville Street
Vancouver, B.C.
V7Y 1C6

BY

A. Smallwo

May, 1986

ILLUSTRATIONS

SUMMARY

The Midas property, consisting of 95 units, is located on Vancouver Island, approximately 75 km north of Victoria.

The claims are underlain by intrusives, gneiss and ultramafic serpentinite.

Work on the property during 1986 was conducted by Hi-Tec Resource Management Ltd.

The 1986 program consisted of an extension of a previous soil sample grid and geological mapping over geophysical anomalies.

CONCLUSIONS

The 1986 program has supplied detailed soil geochemistry of the Renfrew claims geophysical anomaly. Analysis of these samples returned a few borderline anomalous values in gold and arsenic. Geological mapping of this area has shown it to be underlain by altered intrusive and gneiss containing minor pyrite.

Mapping of the Lizard claims geophysical anomaly revealed magnetite bearing serpentinite. Small pods of pyrite, pyrrhotite and chalcopyrite occur within the serpentinite. These rocks contain only background gold values.

Geochemical values on these claims give little encouragement for the existence of gold mineralization. The geophysical anomalies are explained by the presence of magnetite bearing serpentinite along the fault contact between the intrusive to the north and the meta-pelites to the south.

RECOMMENDATIONS

Due to the lack of geochemical or geological encouragement for the existence of gold mineralization, no further work is warranted on these claims.

INTRODUCTION

Location and Access

The Midas property claims are located on the north side of the San Juan River 10 km east of Port Renfrew in the Victoria Mining Division.

Access to the claims is by a good all-weather gravel road from Port Renfrew. Logging operations have left a good road network, which provides easy entry to much of the property. Port Renfrew is approximately 90 km by good paved road from Victoria and has adequate facilities for small exploration crews.

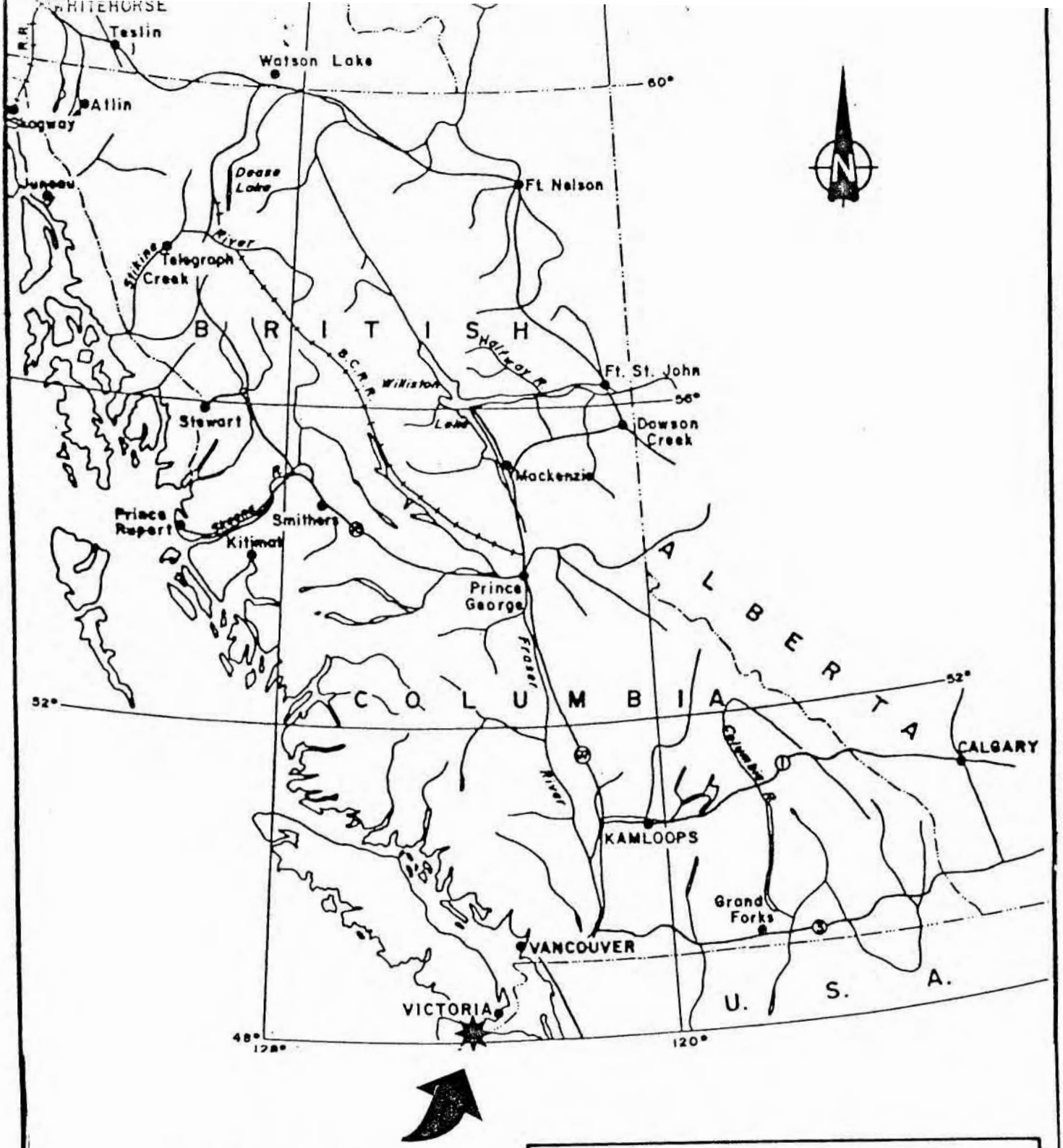
Topography and Climate

Topography is steep, vegetation ranges from extremely heavy in second growth forest to light underbrush in areas of virgin timber. Altitudes range from a few meters above sea level to 1000 m.

Stream flows are erratic, depending on the snow and rain which is generally heavy during the short winter. Because of location the climate is relatively mild and work can proceed for 8-10 months of the year.

History

Reconnaissance on the Midas property since 1983 has consisted of an airborne geophysical survey, stream sediment and soil



LIZARD 1-4 CLAIMS
RENFREW 3,4 CLAIMS

0 50 100 200 MILES
0 100 200 300 KILOMETRES

PAN ISLAND RESOURCE GROUP LTD.

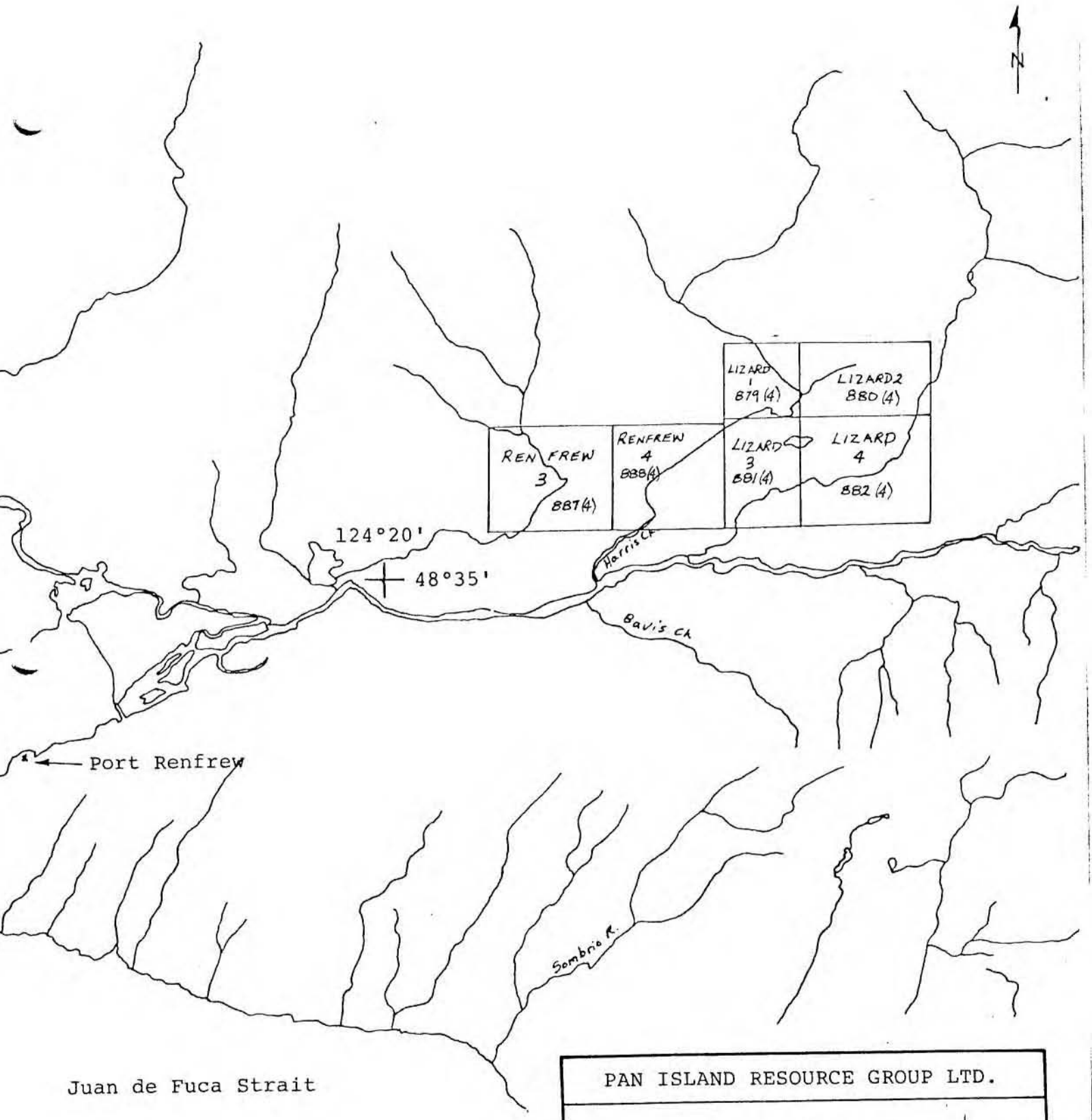
MIDAS PROJECT

LOCATION MAP
LIZARD 1-4 CLAIMS
RENFREW 3,4 CLAIMS

HI-TEC RESOURCE MANAGEMENT LIMITED

DWN. BY:
CHK. BY:
SCALE: As shown

DATE: 05/1986
FIGURE Nº 1



PAN ISLAND RESOURCE GROUP LTD.		
MIDAS PROJECT		
CLAIM MAP LIZARD 1-4 CLAIMS RENFREW 3,4 CLAIMS		
HI-TEC RESOURCE MANAGEMENT LIMITED	DWN. BY:	DATE 05/1986
	CHK. BY:	FIGURE Nº 2
	SCALE: 1:50,000	

sampling, heavy mineral panning and prospecting. Several Cu, Co, Ni anomalies were discovered.

1986 Program

The 1986 program was conducted between March 10 and April 4. The work consisted of an extension of the soil sample grid on the Renfrew claims and geological mapping of the Renfrew and Lizard claims. A crew of two samplers and one geologist worked the claims and collected a total of 233 soil, rock and silt samples.

Claims

Claim Name	Record No.	Units	Expiry Date*
Renfrew 3	887	20	April 11, 1986
Renfrew 4	888	16	April 11, 1986
Lizard 1	879	12	April 11, 1986
Lizard 2	880	15	April 11, 1986
Lizard 3	881	12	April 11, 1986
Lizard 4	882	20	April 11, 1986
Total Units:		95	

*Prior to application of 1986 assessment credits.

GEOLOGY

Regional Geology

The Midas property straddles the San Juan Fault contact between the metamorphic Leech River Complex to the south and the Jurassic Island Intrusives to the north.

The Leech River Complex consists of metamorphosed pelitic rocks, sandstone and minor chert and volcanic rocks.

The Island Intrusives consist of fine to medium grained hornblende quartz diorite. Near the contact the intrusive is sheared and serpentinized and in places contains disseminated magnetite and/or pyrite.

The intrusive hosts the Ebb copper-nickel-cobalt prospect and Reako Explorations iron ore deposit with associated minor copper and gold values.

Property Geology

Lizard Claims

The central portion of the Lizard claim block along Harris Creek is generally underlain by ultramafic serpentinite and altered intrusives. The serpentinite outcrops mainly along Harris Creek and is generally dark green and sheared with a multitude of polished and slickensided surfaces. Magnetite is pervasive in this rock type giving it a distinct magnetic character which may explain the aeromagnetic high of the area. Pyrite is locally abundant and small pods containing pyrite, pyrrhotite and chalcopyrite have been found.

Narrow bands of altered gneiss occur within the serpentinite in the southwest corner of Lizard 2 but are not common on the property as mapped thus far.

The intrusives on the property occur at higher elevations on either side of Harris Creek. There intrusives have been extensively altered but are generally intermediate to mafic in composition with local disseminated pyrite. Original textures and composition have been masked by alteration making positive identification difficult.

Renfrew Claims

The north-central section of Renfrew 3 is underlain by intrusive and gneisses that in part, have undergone intense alteration.

Rocks on the road cut near the northern boundary of Renfrew 3 are relatively unaltered, intermediate to mafic intrusives intercalated with gneisses of a similar composition. These rocks vary from 30 to 90% mafics which include biotite, chlorite, pyroxene and possibly actinolite. These more mafic sections generally contain disseminated pyrite and are weakly magnetic.

Alteration of the intrusive and gneiss increases southward as the rocks become more sheared and fractured, making recognition of the original rock type difficult. Much of the central portion of Renfrew 3 is underlain by dark green, mafic intrusive that is sheared with predominantly polished and slickensided fracture surfaces, locally being limonitic. Pyrite is present in trace amounts.

On the west side of Renfrew Creek the intrusive is generally less mafic but still intensely altered. Blebby quartz is common and pyrite is present in trace to disseminated amounts. Ultramafic pods containing disseminated pyrite are also present.

GEOCHEMISTRY

Soil samples were collected on compass and chain lines in a 100 m x 25 m grid pattern. The average sample depth was 10-15 cm. Sample material was reddish brown soil, collected from the "C" horizon where possible. Analysis returned gold values up to 20 ppb and arsenic values up to 15 ppm. These values represent borderline anomalies. Analysis of rock

samples returned no anomalous gold or arsenic values.

All samples were analysed using Atomic Absorption Spectrophotometry for gold, arsenic and silver by Min-En Labs Ltd. For all analytical values Appendix II.

REFERENCES

Muller, J.E., 1977. Geology of the Vancouver Island; GCS Open File 463, 1980.

STATEMENT OF COST

A. Smallwood - crew chief	6 days @ $260.00	$ 1,560.00
L. Lyons - geologist	5 days @ $220.00	1,100.00
G. Mowatt - assistant	5 days @ $200.00	1,000.00
R. Copland - assistant	5 days @ $200.00	1,000.00
Meals and Accomodation		840.00
Vehicle	6 days @ $ 75.00	450.00
Fuel		175.00
Assays and Geochemistry		1,800.00
Mobilization/Demobilization		500.00
Field Materials		150.00
Report		700.00
Geochemical orientation and interpretation		800.00
		$10,075.00

STATEMENT OF QUALIFICATIONS

I, ADRIAN SMALLWOOD of Vancouver, B.C., hereby certify that:

1. I have worked in mining exploration since 1977.
2. I am employed by Hi-Tec Resource Management Ltd. with offices at #1590-609 Granville Street, Vancouver, B.C.
3. I majored in chemistry at the University of British Columbia and Simon Fraser University.
4. This report is based on field work performed by me and by crews under my direct supervision.

DATED AT VANCOUVER, B.C. this 8th day of July, 1986.

A. Smallwood

Adrian Smallwood

APPENDIX I

APPENDIX I

Rock Sample Descriptions

86PLT2 - Serpentine, dark green, moderately fractured, magnetic.

86PLT3 - Metamorphosed ultramafic interlayered with more felsic siliceous layers, spotty pyrite, magnetic character.

86PLT4 - Intermediate - mafic/ultramafic intrusive, local disseminated pyrite.

86PLT5 - Mafic, intrusive, dark green, moderately to strongly fractured surfaces, locally limonitic on fractures, local disseminated to blebby pyrite.

86PLT6 - Felsic intrusive, concordant in phyllite.

86PLT7 - Quartz vein, discordant in black phyllite, white, weakly fractured, pyrite on fracture surfaces and some cavities, 1-5 cm wide.

86PLT8 - Quartz from discordant veins in black phyllite, white, weakly to moderately fractured, pyrite on some fracture surfaces, 0.5-10 cm wide.

86PLT9 - Quartz from irregular veins in phyllite, some quartz contains phyllite clasts, spotty pyrite and pyrrhotite, veins predominantly 1-2 cm wide.

86PLT10 - Quartz from vein in black phyllite, very white quartz, moderately fractured, limonitic on many fractures, pyrite common near edges of vein, up to 15 cm wide.

86PLT11 - Felsic intrusive, semi-concordant, strongly limonitic and weathered, disseminated pyrite, pyrrhotite, approx. 1 m wide.

86PLT12 - Black phyllite, contains intercalated bands of quartz and very black phyllite, disseminated to blebby pyrrhotite and pyrite in some bands and fracture surfaces.

86PLT13 - Felsic intrusive, semi-concordant, disseminated pyrite and pyrrhotite, 1-2 m wide.

86PLT14 - Quartz from irregular veins within black phyllite, contains local pyrrhotite, pyrite and chalcopyrite (?), up to 5 cm wide.

86PLT15 - Quartz composite from veins in black phyllite, white, moderately to highly fractured and limonitic, up to 8 cm wide.

86PLT16 - Quartz from discordant veins within phyllite, strongly fractured and limonitic, up to 5 cm wide.

86PLT17 - Shear zones with quartz vein and gouge, extremely fractured and limonitic, up to 15 cm wide.

86PLT18 - Quartz from discordant veins in phyllite, moderately to strongly fractured and limonitic, cavities present from weathered-out carbonates, up to 5 cm wide.

86PLT20 - Quartz from vein crosscutting felsic intrusive, irregular and noncontinuous, selvage of coarse grained mica (biotite), disseminated, spotty pyrite up to 10 cm wide.

86PLT21 - Felsic intrusive, envelope around quartz vein above, euhedral octahedral pyrite disseminated, locally around vein, total intrusive 10-15 m wide.

86PLT22 - Quartz from veins crosscutting felsic intrusive, up to 5 cm wide.

86PLT23 - Felsic intrusive, concordant, disseminated pyrrhotite, relatively unaltered, 2-3 m wide.

86PLT24 - Quartz from veins crosscutting felsic intrusive, weakly fractured, contains local blebby pyrrhotite, up to 3 cm wide.

86PLT26 - Fault breccia and gouge, includes quartz, phyllite, feldspars and limonite, local quartz sweats (?) common, approx. 20 cm wide.

86PLT27 - Phyllite-gneiss, biotite grains throughout, disseminated pyrite.

86PST1 - Felsic intrusive with trace pyrite.

86PST2 - 4 cm blue-gray quartz vein with minor pyrite.

APPENDIX II

MIN-EN 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: P1R
ATTENTION: M. BELL

FILE: 6-170/P1
DATE: APRIL 10/86.
TYPE: SOIL GEOCHEM

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

SAMPLE NUMBER	AG PPM	AS PPM	AU-FIRE PPB	
86-PMS-1	0.7	4	2	
2	0.6	2	1	
3	0.6	2	3	
4	0.4	3	1	40MESH
5	0.6	6	15	
6	0.9	5	2	
7	1.0	3	1	
8	0.8	9	2	
9	0.7	8	5	
10	0.4	2	1	40MESH
11	0.8	1	1	
12	1.0	1	1	
13	0.6	3	3	
14	0.8	3	2	
15	1.0	1	3	
16	1.2	1	1	
17	0.6	2	1	
18	0.4	2	2	20MESH
19	1.0	5	1	
20	1.0	5	1	
21	0.8	1	3	
22	0.8	1	2	
23	0.8	5	1	
24	1.1	2	2	
25	0.8	5	1	
26	1.0	1	1	
27	0.8	2	2	
28	0.8	1	1	
29	1.0	1	3	
86-PMS-30	1.0	2	1	

Certified by _____

MIN-EN 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: P1R
ATTENTION: M. BELL

FILE: 6-170/P2
DATE: APRIL 10/86.
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	AS PPM	AU-FIRE PPB	
86-PMS-31	0.2	7	5	40MESH
32	0.6	3	3	
33	0.9	5	2	
34	0.8	1	10	
35	1.0	5	1	40MESH
36	0.6	2	5	
37	0.8	3	2	
38	0.7	1	3	
39	0.8	3	20	
40	0.6	3	2	20MESH
41	1.1	3	4	
42	1.2	3	1	
43	0.8	3	2	
44	1.0	1	2	
45	1.5	8	3	
46	1.0	1	2	
47	1.0	2	1	
48	1.2	5	1	40MESH
49	1.0	1	2	40MESH
50	1.1	2	1	40MESH
51	1.0	5	1	20MESH
52	1.0	1	2	
53	0.7	2	1	20MESH
54	0.6	7	1	20MESH
55	0.9	5	1	20MESH
56	0.8	4	2	20MESH
57	1.0	2	1	20MESH
58	0.7	4	1	20MESH
59	0.6	7	1	20MESH
86-PMS-60	1.6	3	1	40MESH

Certified by Eric Grant

MIN-EN 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: P1R
ATTENTION: M. BELL

FILE: 6-170/P3
DATE: APRIL 10/86.
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	AS PPM	AU-FIRE PPB	
86-PMS-61	0.6	3	1	20MESH
62	1.2	2	2	20MESH
63	1.6	1	2	
64	1.8	3	1	
65	1.2	3	1	40MESH
66	1.2	3	1	
67	0.6	1	2	40MESH
68	1.2	1	1	
69	1.1	3	1	40MESH
70	0.8	2	1	
71	0.4	2	1	20MESH
72	0.8	1	3	40MESH
73	1.0	3	1	
74	0.4	2	1	40MESH
75	1.2	4	1	
76	1.0	1	2	40MESH
77	1.4	2	1	40MESH
78	1.3	5	1	
79	1.2	2	1	
80	1.0	2	3	40MESH
81	0.8	1	2	20MESH
82	1.0	1	1	40MESH
83	1.0	6	4	20MESH
84	0.9	5	1	40MESH
85	1.2	6	1	
86	1.3	8	2	
87	0.6	4	1	20MESH
88	0.9	2	1	
89	1.0	3	1	40MESH
86-PMS-90	0.8	2	1	20MESH

Certified by 

MIN-EN 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: P1R
ATTENTION: M. BELL

FILE: 6-170/P4
DATE: APRIL 11/86.
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	AS PPM	AU-FIRE PPB	
86-PMS-91	0.8	4	2	40MESH
92	0.8	3	1	40MESH
93	0.4	5	3	20MESH
94	0.6	6	3	20MESH
95	0.4	10	2	20MESH
96	0.8	3	1	
97	1.0	5	1	40MESH
98	0.8	7	2	20MESH
99	1.2	3	1	40MESH
100	0.7	9	1	20MESH
101	1.2	15	2	20MESH
102	1.0	15	1	
86-PMS-103	1.0	10	1	40MESH
86-PCS-1	0.4	8	1	20MESH
2	0.4	6	2	
3	0.7	6	1	
4	0.6	6	1	
5	0.6	7	1	
6	0.4	10	2	40MESH
7	0.5	7	1	40MESH
8	0.6	5	1	
9	0.5	3	1	
10	0.6	9	1	
11	0.6	4	2	
12	0.5	4	2	
13	0.6	7	1	
14	0.6	1	1	
15	0.4	3	1	
16	0.8	1	1	
86-PCS-17	0.8	1	1	

Certified by Eric Jmaiff

MIN-EN 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: P1R
ATTENTION: M. BELL

FILE: 6-170/P5
DATE: APRIL 11/86.
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	AS PPM	AU-FIRE PPB	
86-PCS-18	0.6	1	1	40MESH
19	0.9	2	2	
20	0.6	5	1	
21	0.8	1	1	
22	0.7	1	2	
23	0.4	1	3	40MESH
24	0.8	4	1	
25	1.0	2	1	
26	1.0	1	2	
27	1.0	1	1	
28	0.9	1	1	
29	1.0	1	1	
30	1.0	4	1	
31	0.8	1	2	
32	1.0	1	3	
33	0.4	1	1	
34	0.6	1	1	
35	0.6	1	2	
36	0.6	1	1	
37	0.6	1	1	
38	0.8	3	2	
39	0.8	1	1	
40	0.9	5	1	
41	1.0	7	1	
42	0.7	3	2	
43	1.0	1	2	
44	0.6	2	1	
45	1.0	1	1	
46	0.8	4	1	
86-PCS-47	0.4	5	1	

Certified by _____

MIN-EN 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: P1R
ATTENTION: M. BELL

FILE: 6-170/P6
DATE: APRIL 11/86.
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	AS PPM	AU-FIRE PPB	
86-PCS-48	0.4	3	2	40MESH
49	0.6	7	4	20MESH
50	0.6	5	1	40MESH
51	0.7	5	4	40MESH
52	0.7	3	2	20MESH
53	0.4	1	1	20MESH
54	0.6	4	1	
55	0.4	5	2	40MESH
56	0.6	7	1	
57	0.8	2	3	
58	0.6	4	2	40MESH
59	0.8	5	1	
60	0.7	5	2	
61	0.9	4	1	
62	0.4	2	2	20MESH
63	1.0	7	3	40MESH
64	1.0	3	1	
65	0.9	5	1	
66	1.0	4	3	
67	0.9	5	5	
68	1.0	7	1	
69	1.1	2	3	
70	0.8	5	18	
71	0.8	9	2	
72	0.8	6	1	
73	1.2	3	2	
74	0.9	1	3	40MESH
75	0.6	2	2	
76	1.0	2	1	
6-PCS-77	1.0	5	1	

Certified by

MIN-EN 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: P1R
ATTENTION: M. BELL

FILE: 6-170/P7
DATE: APRIL 11/86.
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	AS PPM	AU-FIRE PPB	
86-PCS-78	0.3	3	2	20MESH
79	0.2	7	1	20MESH
80	0.2	4	3	20MESH
81	1.2	6	1	
82	0.2	7	1	40MESH
83	1.0	2	2	
84	0.2	7	1	20MESH
85	0.1	7	1	20MESH
86	0.2	5	3	20MESH
87	0.7	5	1	
88	0.2	7	1	20MESH
89	0.4	2	1	20MESH
90	0.4	1	2	20MESH
91	0.8	1	1	
92	0.8	3	2	
93	0.2	5	1	20MESH
94	0.8	4	1	
95	1.2	2	2	
96	0.5	2	1	
97	0.6	3	3	40MESH
98	0.4	2	1	40MESH
99	0.2	2	1	40MESH
100	0.5	1	1	
101	0.6	2	1	
102	0.4	4	3	40MESH
103	1.0	4	2	
104	0.4	1	1	
105	0.8	1	2	
106	0.4	2	9	20MESH
86-PCS-107	0.8	2	1	

Certified by _____

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

PHONE: (604) 980-5814 OR (604) 986-4524 TELEX: 04-352828

GEOCHEMICAL ANALYSIS CERTIFICATE

COMPANY: HI-TEC RESOURCE MANAGEMENT
PROJECT: P1R
ATTENTION: M. BELL

FILE: 6-170/P8
DATE: APRIL 11/86.
TYPE: SOIL GEOCHEM

We hereby certify that the following are the results of the geochemical analysis made on 17 samples submitted.

SAMPLE NUMBER	AG PPM	AS PPM	AU-FIRE PPB	
86-PCS-108	0.2	1	2	40MESH
109	0.8	5	5	
110	0.9	2	10	
111	1.1	1	2	
112	0.8	1	1	
113	0.8	1	1	
114	1.1	2	1	
115	0.8	1	2	
116	0.2	1	1	40MESH
117	0.8	1	1	
118	0.7	1	1	
119	0.6	2	1	
120	0.8	1	2	
86-PCS-121	0.8	1	1	
86-PLL-1(SILT)	1.0	1		20MESH
86-PLS-25	1.4	23	1	
86-PMS-000	1.0	1	2	

Certified by Eric Grad

MIN- EN 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: P1R
ATTENTION: M. BELL

FILE: 6-170
DATE: APRIL 10/86.
TYPE: ROCK GEOCHEM

We hereby certify that the following are the results of the geochemical analysis made on 28 samples submitted.

SAMPLE NUMBER	AG PPM	AS PPM	AU-FIRE PPB
86-PST-1	0.6	2	1
2	0.4	4	1
-PLT-2	1.4	4	2
3	1.2	3	1
4	1.6	3	1
5	1.0	6	2

RENFREW 3 | RENFREW 4

Ai-m 76 | Ai | Ai-m

Ai,1 75 | 1 | 60 1 | Ai | 1 | 65 1 | Ai | 1 | 88

Ai-m,1 | Um | a | a

Ai | 44 | Ai | Ai,1 | 75 | Ai-m,a | 48

Am,a | Am,a | Am,a

Ai

Af,a

Ai,a

Af,a

HARRIS CREEK

RENFREW CREEK

PT. RENFREW - SHAWNIGAN LK. ROAD

SYMBOLS

- Outcrop
- 68 Foliation: strike-dip
- Fault or shear
- Contact known, approx., inferred
- a Altered

ROCK UNITS

- A INTRUSIVE: Af-felsic, Ai-intermediate, Am-mafic
- 1 GNEISS
- Um Ultramafic-serpentinite

PAN ISLAND RESOURCE CORPORATION

MIDAS PROJECT

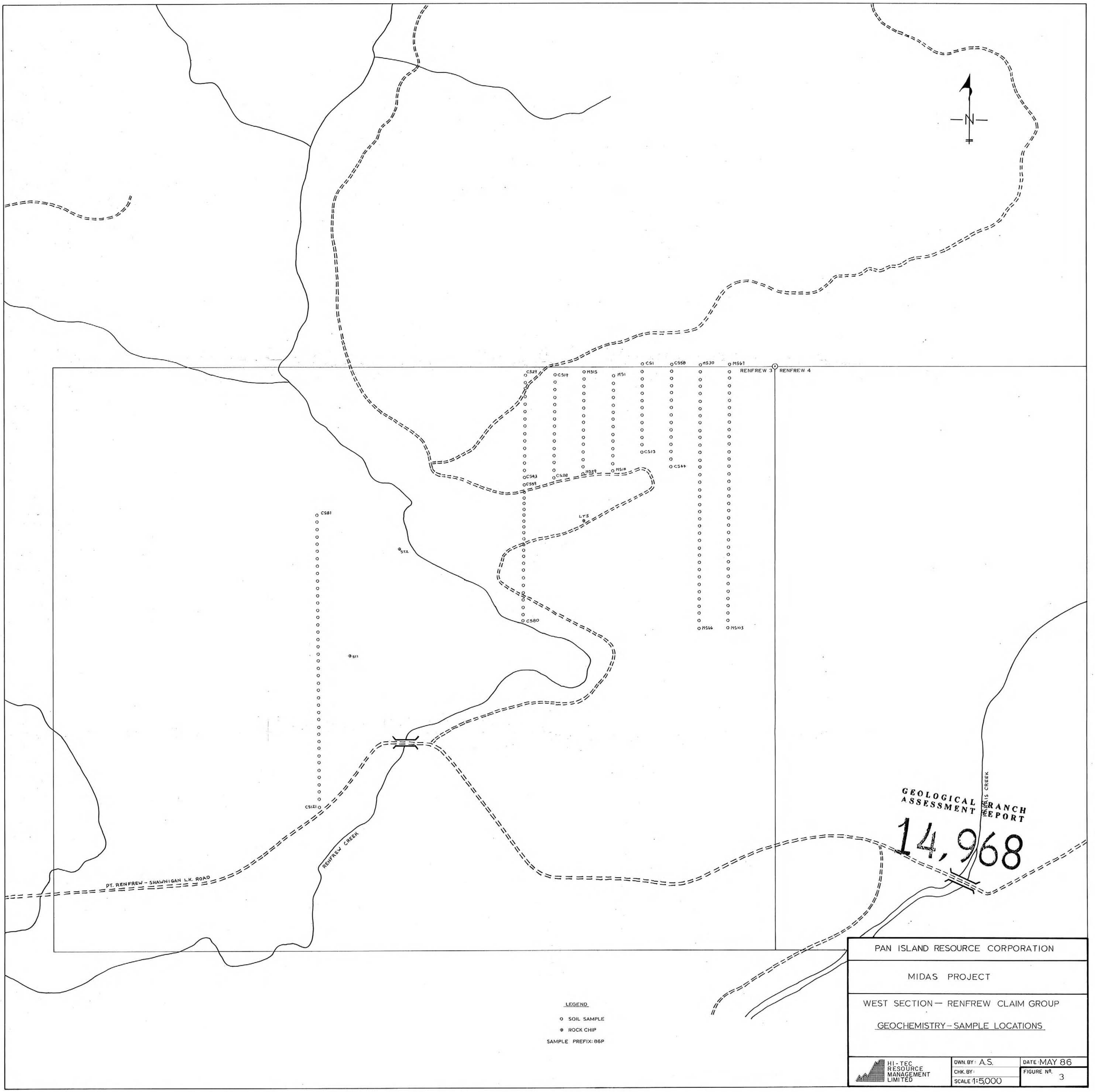
WEST SECTION — RENFREW CLAIM GROUP

GEOLOGY

HI-TEC RESOURCE MANAGEMENT LIMITED

DWN. BY: A.S.
CHK. BY:
SCALE 1:5,000

DATE: MAY 86
FIGURE No. 4



GEOLOGICAL ASSESSMENT BRANCH REPORT

14,968

LEGEND

o SOIL SAMPLE

⊕ ROCK CHIP

SAMPLE PREFIX: 86P

PAN ISLAND RESOURCE CORPORATION

MIDAS PROJECT

WEST SECTION — RENFREW CLAIM GROUP

GEOCHEMISTRY - SAMPLE LOCATIONS

HI-TEC RESOURCE MANAGEMENT LIMITED	DWN. BY: A.S.	DATE: MAY 86
	CHK. BY:	FIGURE Nº. 3
	SCALE 1:5,000	

N

Ai-m

Ai-m, py
⊕LT4

Um

Um, py, po, cp

Um

⊕LT3
py

Um
⊕LT2

□LL1

Um a, sh

Ai-m, a

LIZARD 1
LIZARD 3

LIZARD 2
LIZARD 4

RENFREW 4

LIZARD LAKE

HARRIS CK.

LENS CK.

SHAWNIGAN LK. ROAD

ROCK UNITS

A INTRUSIVE: Af-felsic
Ai-intermediate
Am-mafic

Um Ultramafic, serpentinite

SYMBOLS

Outcrop
Foliation: strike-dip
Contact: inferred
a Altered
py Pyrite
po Pyrrhotite
cp Chalcopyrite
sh Sheared

□ Silt sample
⊕ Rock chip
Sample prefix: 86P

GEOLOGICAL BRANCH
ASSESSMENT REPORT

14,968

PAN ISLAND RESOURCE CORP.

MIDAS PROJECT

EAST SECTION — RENFREW CLAIM GROUP

GEOLOGY-GEOCHEMISTRY

HI-TEC RESOURCE MANAGEMENT LIMITED

DWN. BY: A.S.
CHK. BY:
SCALE: 1:5,000

DATE: MAY, 86
FIGURE Nº. 5