DD87

PHONE: (604) 876-1111
TELEX: 04-50353
CABLE ADDRESS: ELDRICO

TO:

New Jersey Zinc Explorations Company Ltd.,
410 - 188 University Avenue
Toronto, Ontario
cc:
New Jersey Zinc Exploration Company
General Delivery
Watson Lake, Y.T.
ATTENTION: Mr. Jim Ariz

Certificate of Assay

Ann, Bryan, Pedro and Wine claims 1973

105-H-8

WARNOCK HERSEY INTERNATIONAL LIMITED
COAST ELDRIDGE PROFESSIONAL SERVICES DIVISION
125 EAST 4TH AVE. VANCOUVER 10, B.C., CANADA

FILE NO. 461 - 17991

DATE August 16, 1973

09117l

We Hereby Certify that the following are the results of assays made by us upon submitted ORE samples

Hole No.	MARKED	From - To	GOLD OUNCES PER TON	GOLD VALUE PER TON	SILVER OUNCES PER TON	Lead (Pb) PER CENT.	Zinc (Zn) PER CENT.	Copper (Cu) PER CENT.	Cadmium (Cd) PER CENT.	PER CENT.	PER CENT.
12	13601	91.6 - 93.5		$	0.03	1.63	0.52	0.02	<0.01		
10	13602	107.4 - 113.0			0.64	5.88	7.63	0.50	0.02		
3	13603	3.0 - 8.8			1.06	2.95	2.40	0.24	0.01		
3	13604	12.0 - 15.6			0.11	0.52	0.36	0.01	<0.01		
5	13605	57.2 - 61.0			2.10	4.54	3.51	0.10	0.01		
4	13606	93.2 - 99.4			0.07	0.12	0.52	0.03	<0.01		
4	13607	103.7 - 107.9			0.04	0.23	0.09	0.01	<0.01		
	13608	107.9 - 114.0			0.10	0.68	0.61	0.06	<0.01		
	13609	114.0 - 119.0			0.12	2.26	1.12	0.04	<0.01		
	13610	119.0 - 123.5			0.05	0.78	0.37	0.02	<0.01		
	13612	19.4 - 26.0			0.06	0.68	0.67	0.03	<0.01		
5	13613	26.0 - 31.0			0.04	0.45	0.34	0.02	<0.01		
5	13614	31.0 - 36.0			0.03	0.02	0.02	0.01	<0.01		
5	13615	36.0 - 40.7			0.05	0.37	0.26	0.05	<0.01		

< - Less than

Gold calculated at $ .... per ounce

Rejects retained one week.
Pulps retained one month.
Pulps and rejects may be stored for a maximum of one year by special arrangement.

Unless it is specifically stated otherwise, gold and silver values reported on these sheets have not been adjusted to compensate for losses and gain inherent in the fire assay process.

Houghton
.... Provincial Assayer

DD 87

To:

New Jersey Zinc Explorations Company Ltd.,
410 - 188 University Avenue
Toronto, Ontario

cc:
New Jersey Zinc Exploration Company
General Delivery
Watson Lake, Y.T.
ATTENTION: Mr. Jim Ariz

Certificate of Assay

WARNOCK HERSEY INTERNATIONAL LIMITED
COAST ELDRIDGE PROFESSIONAL SERVICES DIVISION
125 EAST 4TH AVE. VANCOUVER 10, B.C., CANADA

PHONE
TELEX 04-5
CABLE ADDRESS
ELDRICO

FILE NO. 461 - 18013

DATE August 16, 1973

We Hereby Certify that the following are the results of assays made by us upon submitted ORE samples

MARKED		GOLD		SILVER	Copper (Cu)	Cadmium	Lead (Pb)	Zinc (Zn)		
Hole No.	From To	OUNCES PER TON	VALUE PER TON	OUNCES PER TON	PER CENT.	PER CENT. (Cd)	PER CENT.	PER CENT.	PER CENT. Pb+Zn	PER CENT.
S 73616 - 5 - 5	53.3 - 55.5		$	0.26	0.18	0.02	4.61	2.47	7.08	
S 73617 - 5 - 6	82.0 - 84.9			0.25	0.29	0.03	5.79	5.00	10.79	
S 73618 - 5 - 7	98.5 - 103.0			0.18	0.02	0.01	3.52	2.72	6.24	
S 73619 - 5 - 8	103.0 - 108.0			0.25	0.15	0.02	5.06	4.08	9.14	
S 73620 - 5 - 9	108.0 - 110.1			0.25	0.18	0.01	3.80	2.18	5.98	
S 73621 - 5 - 10	111.8 - 116.7			0.13	0.04	0.01	0.65	0.79		
S 73622 - 5 - 11	120.5 - 125.9			0.50	0.11	0.02	4.14	3.51	7.65	
S 73623 - 5 - 12	125.9 - 127.3			0.04	0.02	<0.01	0.13	0.12		
S 73624 - 5 - 13	127.3 - 132.5			0.20	0.04	<0.01	2.69	1.53		
S 73625 - 5 - 14	169.3 - 170.0			0.31	0.06	<0.01	1.71	0.67		
S 73626 - 5 - 15	170.0 - 176.4			0.10	0.02	<0.01	0.46	0.56		
S 73627 - 5 - 16	176.4 - 181.0			0.01	0.01	<0.01	0.04	0.50		
S 73628 - 5 - 17	181.0 - 186.0			1.33	0.02	0.04	6.32	7.80	14.12	
S 73629 - 5 - 18	186.0 - 191.0			7.34	0.03	0.03	5.92	5.79	11.71	
S 73630 - 5 - 19	191.0 - 196.0			3.78	0.01	0.03	1.73	4.73	6.46	
S 73631 - 5 - 20	196.0 - 200.0			0.75	0.01	0.02	0.30	2.63		

< - Less than

Note: Rejects retained one week.
Pulps retained one month.
Pulps and rejects may be stored for a maximum of one year by special arrangement.

Unless it is specifically stated otherwise, gold and silver values reported on these sheets have not been adjusted to compensate for losses and gain inherent in the fire assay process

Gold calculated at $ ..... per ounce

..... Provincial Assayer

DD 87

PHONE: (604) 876-3111
TELEX: 04-50353
CABLE ADDRESS:
ELDRICO

TO:

New Jersey Zinc Explorations Company Ltd.,
410 - 193 University Avenue
Toronto, Ontario

cc:
New Jersey Zinc Exploration Company
General Delivery
Watson Lake, Y.T.
ATTENTION: Mr. Jim Ariz

Certificate of Assay

WARNOCK HERSEY INTERNATIONAL LIMITED
COAST ELDRIDGE PROFESSIONAL SERVICES DIVISION
125 EAST 4TH AVE. VANCOUVER 10, B.C., CANADA

FILE NO. 431 - 18100

DATE August 30, 1976

We Hereby Certify that the following are the results of assays made by us upon submitted ..... Drill Core ..... samples

MARKED Hole No.	From	To	GOLD OUNCES PER TON	GOLD VALUE PER TON	SILVER OUNCES PER TON	Lead (Pb) PER CENT.	Zinc (Zn) PER CENT.	Copper (Cu) PER CENT.	PER CENT.	PER CENT.	PER CENT.
6	73532	48		$	2.92	2.45	1.83	0.07			
6	73533	53			5.57	4.30	2.17	0.03			
6	73534	58			0.66	0.99	1.83	0.04			
6	73535	100			0.01	0.07	2.70	0.01			
9	73536	50.7			0.03	1.70	0.91	0.03			
9	73537	55.7			0.04	1.37	0.67	0.29			
9	73538	70.5			0.06	1.84	1.06	0.03			
9	73539	77.5			0.02	0.48	0.12	0.02			
9	73540	82.5			0.12	1.52	1.93	0.04			
9	73541	178			0.25	4.04	3.66	0.14			
9	73542	183			0.10	1.43	0.85	0.01			
9	73543	188			0.20	2.40	1.61	0.04			
10	73544	81			0.25	2.10	1.64	0.12			
10	73545	129			0.24	3.99	3.03	0.02			
10	73546	160			0.96	2.59	2.33	0.01			

Note. Rejects retained one week.
Pulps retained one month.
Pulps and rejects may be stored for a maximum of one year by special arrangement.

Unless it is specifically stated otherwise, gold and silver values reported on these sheets have not been adjusted to compensate for losses and gain inherent in the fire assay process.

Gold calculated at $ ..... per ounce

..... *Provincial Assayer*

DD 87

TO:

New Jersey Zinc Explorations Company Ltd. (2)

Certificate of Assay

WARNOCK HERSEY INTERNATIONAL LIMITED

COAST ELDRIDGE PROFESSIONAL SERVICES DIVISION

125 EAST 4TH AVE. VANCOUVER 10, B.C., CANADA

PHONE: (604) 874-1111
TELEX: 04-50353
CABLE ADDRESS: ELDRICO

FILE NO. 451 - 10( )

DATE August 30, 197[illegible]

We Hereby Certify that the following are the results of assays made by us upon submitted DRILL CORE samples

MARKED Hole No.	From	To	GOLD Ounces per ton	GOLD Value per ton	SILVER Ounces per ton	Lead (Pb) per cent.	Zinc (Zn) per cent.	Copper (Cu) per cent.			
				$					per cent.	per cent.	per cent
6 73547	40	44			0.05	1.52	1.21	0.02			
6 73548	44	48			0.03	0.13	0.04	0.01			
10 73549	86	91			1.58	1.78	1.88	0.09			
9 73550	18	22			0.07	1.50	0.81	0.01			
9 73551	22	25			0.04	8.97	0.22	0.01			
9 73552	29	33			0.04	8.31	0.21	0.01			
9 73553	48	50.7			0.09	2.61	1.71	0.02			

Note. Rejects retained one week.
Pulps retained one month.
Pulps and rejects may be stored for a maximum of one year by special arrangement.

Unless it is specifically stated otherwise, gold and silver values reported on these sheets have not been adjusted to compensate for losses and gain inherent in the fire assay process.

Gold calculated at $ ..... per ounce

..... Provincial Assayer

DD 87

TO:

New Jersey Zinc Explorations Company Ltd.,
410 - 133 University Avenue
Toronto, Ontario

cc:
New Jersey Zinc Exploration Company
General Delivery
Watson Lake, Y.T.
ATTENTION: Mr. Jim Ariz

Certificate of Assay

PHONE: (604) [illegible] 1111
TELEX: 04-30[illegible]
CABLE ADDRESS: ELDRICO

CHEMEX LABS INTERNATIONAL LIMITED
COAST ELDRIDGE PROFESSIONAL SERVICES DIVISION
125 EAST 4TH AVE. VANCOUVER 10, B.C., CANADA

FILE NO. 451 - 13100

DATE August 30, 1973

We Hereby Certify that the following are the results of assays made by us upon submitted DRILL CORE samples

MARKED	GOLD		SILVER	Lead (Pb)	Zinc (Zn)	Copper (Cu)			
	OUNCES PER TON	VALUE PER TON	OUNCES PER TON	PER CENT.	PER CENT.	PER CENT.	PER CENT.	PER CENT.	PER CENT.
From To		$							
6 70382 43-53			2.92	2.45	1.83	0.07			
6 70383 53-58			5.57	4.30	2.17	0.03			
6 70384 58-64			0.66	0.99	1.83	0.04			
6 70385 100-105			0.04	0.07	2.70	0.01			
9 70386 50.7-55.7			0.03	1.70	0.91	0.03			
9 70387 55.7-60.7			0.04	1.37	0.67	0.29			
9 70388 70.5-77.5			0.03	1.84	1.05	0.03			
9 70389 77.5-82.5			0.02	0.48	0.12	0.02			
9 70390 82.5-87.5			0.12	1.52	1.93	0.04			
9 70391 178-183			0.25	4.04	3.66	0.14			
9 70392 183-188			0.10	1.43	0.85	0.01			
9 70393 188-193			0.20	2.40	1.61	0.04			
10 70394 81-86			0.25	2.10	1.64	0.12			
10 70395 129-134			0.24	3.99	3.03	0.02			
10 70396 160-164			0.96	2.59	2.36	0.04			

Note. Rejects retained one week.
Pulps retained one month.
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Unless it is specifically stated otherwise, gold and silver values reported on these sheets have not been adjusted to compensate for losses and gain inherent in the fire assay process.

Gold calculated at $ ..... per ounce

..... Provincial Assayer

DD87

TO:

New Jersey Zinc Exploration Company Ltd. (2)

Certificate of Assay

WARNOCK HERSEY INTERNATIONAL LIMITED
COAST ELDRIDGE PROFESSIONAL SERVICES DIVISION
125 EAST 4TH AVE. VANCOUVER 10, B.C., CANADA

PHONE (604) 87?-4111
TELEX 04-50353
CABLE ADDRESS ELDRICO

FILE NO. 4?1 - 1010?

DATE August 30, 197?

We Hereby Certify that the following are the results of assays made by us upon submitted DRILL CORE samples

MARKED			GOLD		SILVER	Lead (Pb)	Zinc (Zn)	Copper (Cu)			
Hole No.		From To.	OUNCES PER TON	VALUE PER TON	OUNCES PER TON	PER CENT.	PER CENT.	PER CENT.	PER CENT.	PER CENT.	PER CENT
6	73547	40-44		$	0.05	1.52	1.21	0.02			
6	73548	44-49			0.03	0.13	0.04	0.01			
10	73549	86-91			1.59	1.78	1.88	0.09			
9	73550	14-22			0.07	1.50	0.81	0.01			
9	73551	22-25			0.04	8.97	0.22	0.01			
9	73552	29-33			0.04	8.31	0.21	0.01			
9	73553	48-50.7			0.09	2.61	1.71	0.02			

Note. Rejects retained one week.
Pulps retained one month.
Pulps and rejects may be stored for a maximum of one year by special arrangement.

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Gold calculated at $ .... per ounce

[signature] Provincial Assayer

2087

TO:

New Jersey Zinc Explorations Company Ltd.,
410 - 188 University Avenue
Toronto, Ontario

cc:
New Jersey Zinc Exploration Company
General Delivery
Watson Lake, Y.T.
ATTENTION: Mr. Jim Ariz

Certificate of Assay

WARNOCK HERSEY INTERNATIONAL LIMITED
COAST ELDRIDGE PROFESSIONAL SERVICES DIVISION
125 EAST 4TH AVE. VANCOUVER 10, B.C., CANADA

PHONE (604) 87[illegible]
TELEX 04-5[illegible]
CABLE ADDRESS
ELDRICO

FILE NO. 461 - 18043

DATE August 16, 1973

We Hereby Certify that the following are the results of assays made by us upon submitted ORE samples

MARKED	GOLD		SILVER	Copper (Cu)	Cadmium	Lead (Pb)	Zinc (Zn)		
HC No. From To	OUNCES PER TON	VALUE PER TON	OUNCES PER TON	PER CENT.	PER CENT. (Cd)	PER CENT.	PER CENT.	PER CENT Pb+Zn	PER CENT
S 73616 - 5 - 5 53.3 - 55.5		$	0.26	0.18	0.02	4.61	2.47	7.08	
S 73617 - 5 - 6 82.0 - 84.9			0.25	0.29	0.03	5.79	5.00	10.79	
S 73618 - 5 - 7 98.5 - 103.0			0.18	0.02	0.01	3.52	2.72	6.24	
S 73619 - 5 - 8 103.0 - 108.0			0.25	0.15	0.02	5.06	4.08	9.14	
S 73620 - 5 - 9 108.0 - 110.1			0.25	0.18	0.01	3.80	2.18	5.98	
S 73621 - 5 - 10 111.8 - 116.7			0.13	0.04	0.01	0.65	0.79		
S 73622 - 5 - 11 120.5 - 125.9			0.50	0.11	0.02	4.14	3.51	7.65	
S 73623 - 5 - 12 125.9 - 127.3			0.04	0.02	<0.01	0.13	0.12		
S 73624 - 5 - 13 127.3 - 132.5			0.20	0.04	<0.01	2.69	1.53		
S 73625 - 5 - 14 164.3 - 170.0			0.31	0.06	<0.01	1.71	0.67		
S 73626 - 5 - 15 170.0 - 176.4			0.10	0.02	<0.01	0.46	0.56		
S 73627 - 5 - 16 176.4 - 181.0			0.01	0.01	<0.01	0.04	0.50		
S 73628 - 5 - 17 181.0 - 186.0			1.33	0.02	0.04	6.32	7.80	14.12	
S 73629 - 5 - 18 186.0 - 191.0			7.34	0.03	0.03	5.92	5.79	11.71	
S 73630 - 5 - 19 191.0 - 196.0			3.78	0.01	0.03	1.73	4.73	6.46	
S 73631 - 5 - 20 196.0 - 201.0			0.75	0.01	0.02	0.30	2.63		

< - Less than

Note: Rejects retained one week.
Pulps retained one month.
Pulps and rejects may be stored for a maximum of one year by special arrangement.

Unless it is specifically stated otherwise, gold and silver values reported on these sheets have not been adjusted to compensate for losses and [illegible] in the fire assay process.

Gold calculated at $ ..... per ounce

..... Provincial Assayer

DD 87

TO:

New Jersey Zinc Explorations Company Ltd.,
410 - 188 University Avenue
Toronto, Ontario
cc:
New Jersey Zinc Exploration Company
General Delivery
Watson Lake, Y.T.
ATTENTION: Mr. Jim Ariz

Certificate of Assay

WARNOCK HERSEY INTERNATIONAL LIMITED

COAST ELDRIDGE PROFESSIONAL SERVICES DIVISION

125 EAST 4TH AVE. VANCOUVER 10, B.C., CANADA

CABLE ADDRESS ELDRICO

FILE NO. 461 - 17991

DATE August 16, 1973

We Hereby Certify that the following are the results of assays made by us upon submitted ORE *samples*

MARKED	GOLD OUNCES PER TON	GOLD VALUE PER TON	SILVER OUNCES PER TON	Lead (Pb) PER CENT.	Zinc (Zn) PER CENT.	Copper (Cu) PER CENT.	Cadmium (Cd) PER CENT.	PER CENT.	PER CENT.
Hole No. / From, To		$							
11 13601 91.6-93.5			0.03	1.63	0.52	0.02	<0.01		
10 13602 107.4-113.0			0.64	5.88	7.63	0.50	0.02		
5 13603 3.0-8.8			1.06	2.95	2.40	0.24	0.01		
3 13604 12.0-15.6			0.11	0.52	0.36	0.01	<0.01		
5 13605 57.2-61.0			2.10	4.54	3.51	0.10	0.01		
4 13606 98.2-99.4			0.07	0.12	0.52	0.03	<0.01		
4 13607 103.7-107.9			0.04	0.23	0.09	0.01	<0.01		
4 13608 107.9-114.0			0.10	0.68	0.61	0.06	<0.01		
4 13609 114.0-119.0			0.12	2.26	1.12	0.04	<0.01		
4 13610 119.0-123.5			0.05	0.78	0.37	0.02	<0.01		
5 13512 19.4-26.0			0.06	0.68	0.67	0.03	<0.01		
5 13613 26.0-31.0			0.04	0.45	0.34	0.02	<0.01		
5 13614 31.0-36.0			0.03	0.02	0.02	0.01	<0.01		
5 13615 36.0-40.7			0.05	0.37	0.26	0.05	<0.01		

< - Less than

Note. Rejects retained one week.
Pulps retained one month.
Pulps and rejects may be stored for a maximum of one year by special arrangement.

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Gold calculated at $ .... per ounce

Heighton .... *Provincial Assayer*

HOLE #73-1 (a)	Azimuth: S 70°W (T) Dip: -60°	Location: Firtree Area Norquest Property, Y.T.

From	To	
0'	35.0'	Overburden.
35.0	~38.0	Bio-feld sch, (10%-90%), gy. Fol 30°
~38.0	51.0	Rubble, mainly bio-feld sch, as at 35.0 47.0-51.0 — generally heavy (siliceous?) alteration, some rust
51.0	53.0	Granite, wh, pegmatitic, slightly rose-coloured.
53.0	59.0	Rubble
	59.0	END OF HOLE

DD 87

HOLE # 73 - 1(b) Azimuth: S 76° W (T) Location: Firtree Area
Dip: -65° Norquest Property, Y.T.

From	To	
0'	21.0'	Overburden.
21.0	~24.7	Diorite, gy, 10% matic, weakly foliated in part. Qtz blebs and stringers common. Moderate to strong chloritic alteration.
~24.7	29.0	Bio - feld sch, (15% - 85%), gy. Fol 45° to 50°.
29.0	32.6	Peg, wh
32.6	44.5	Qtz - feld gn, (30% - 70%), weak to moderate chloritic alteration. Fol 80° to 90°.
44.5	48.2	Horn - qtz - feld gn, (10% - 20% - 70%). Heavy chloritic alteration and variably disrupted fabric.
48.2	50.7	Peg, wh, slightly epidotized. Lower contact 65° and faulted (5" at 0°).
50.7	53.2	Bio - qtz - feld gn, (10% - 20% - 70°), gy, moderately banded. Fol 50°
53.2	55.0	Peg, wh.
55.0	56.0	Bio - qtz - feld gn, as at 50.7.
56.0	59.7	Rubble, mixed.
59.7	62.9	Bio - feld sch, (20% - 75%), 5% py disseminated, on fractures, and along bands. Fol 60° 60.5 - 3/8" basaltic dyke at 45°. 60.8 - 2" peg at 20°
62.9	64.0	Fragments, basaltic dyke.
64.0	65.0	Rubble, mixed peg and sch.

Hole # 73 - 1 (b). (Continued)

65.0	66.2	Fragments, basaltic. Strong chloritic and some hematitic alteration.
66.2	74.0	Peg, wh.
74.0	74.2	Fragments, basaltic.
74.2	75.0	Peg, wh
75.0	76.3	Ser - feld sch, (30% - 70%): Fol 60°.
76.3	76.5	Peg, wh, roughly concordant.
76.5	77.0	Qtz - feld sch, (20% - 75%), 5% matics.
77.0	~77.2	Fragments, basaltic, with chloritic alteration.
~77.2	79.8	Ser - feld sch, (mainly), as at 75.0.
79.8	80.3	Peg, wh.
80.3	81.0	Ser - feld sch, as at 75.0.
81.0	81.5	Fragments, basaltic, as at 77.0.
81.5	82.0	Ser - feld sch, as at 75.0.
82.0	82.3	Fragments, basaltic, again, as at 77.0.
82.3	84.4	Ser - feld sch, as at 75.0.
84.4	88.0	Peg, wh.
88.0	88.2	Fragments, basaltic, as at 77.0.
88.2	89.2	Peg, wh.
89.2	89.3	Fragments, basaltic, as at 77.0.
89.3	89.9	Peg, wh.
89.9	90.1	Fragments, basaltic, as at 77.0.
90.1	91.6	Peg, (mainly), wh.
for 5	91.6	~93.5 Skarn, calcitic, 25% matics, with siliceous and pyroxene-rich sections Gal, in grouped disseminations. Say 2% Pb, 3% py (ave.) Sample 1-1 over 1.9'

Hole # 73 - 1 (b) (Continued)

93.5	109.4	Peg, slightly discoloured, epidote from 103.0 to 109.4.
109.4	113.0	Skarn, mainly pyroxene-rich variety, with moderate to strong chloritic alteration. Fol 45°. Some local brecciation Gal, disseminated and massive. Cp mainly in richer gal sections. Sp as massive 1/16" stringers in pegmatitic section 112.0 to 112.6 Sample 1-2, over 3.6', ~4% Pb, ~4% Zn, 2% Cu, 15% po.
113.0	118.0	Granite, grey, 5% mafics.
118.0	118.8	Bio-feld sch, (40%-60%), strongly banded
118.8	119.0	Peg, wh.
119.0	119.2	Bio-feld sch, as at 118.0. Fol 65°
119.2	119.6	Peg, wh.
119.6	120.8	Bio-feld sch, as at 118.0.
120.8	121.0	Peg, wh.
121.0	128.2	Bio-feld sch, as at 118.0
128.2	129.4	Peg, wh.
129.4	131.5	Bio-feld sch, as at 118.0. Fol 60°
131.5	137.4	Diorite, gy, 15% mafics, partly pegmatitic.
137.4	138.0	Bio-feld sch, as at 118.0
138.0	138.3	Peg, wh.
138.3	140.5	Bio-feld sch, as at 118.0. Fol 60°.
140.5	144.4	Bio-feld-qtz gn, (5%-45%-50%), up to 10% pink feld, CO_3 rich, strongly banded. Fol 50°.
144.4	149.0	Bio-feld sch, as at 118.0
	149.0	END OF HOLE.

HOLE # 73-2

Azimuth : N88°W(T) Dip: -60°
Location: Firtree Area, Norquest Property, Y.T.

From	To	
0'	14.0'	Overburden
14.0	19.6	Bio - feld gn, (20% - 80%), gg. Fol 45°
19.6	24.4	Peg, wh.
24.4	30.0	Bio - feld sch, (25% - 75%), gy to pinkish, slightly banded. Fol 80°
30.0	31.4	Peg, wh
31.4	31.7	Bio - feld sch, gy.
31.7	42.3	Peg, wh
42.3	44.9	Ser- feld sch, (35% - 65%), crenulated. Fol 80°
44.9	45.1	Peg, wh.
45.1	45.7	Ser - feld sch, as at 42.3.
45.7	45.8	Peg, wh.
45.8	46.2	Ser - feld sch, as at 42.3 but unbanded, partly garnetiferous.
46.2	48.8	Bio - feld gn, as at 14.0, but with tr py and heavy alteration from 46.5 to 47.5 and from 48.1 to 48.3.
48.8	60.2	Peg, wh. Slightly epidotized 54.0 to 60.2. Upper contact 75°.
60.2	61.8	Bio - feld gn, (10% - 90%), gy, almost unfoliated.
61.8	78.5	Peg, greenish alteration.
78.5	~96.0	Fragmented and silicified zone, tr. py/.
~96.0	97.6	Diorite, greyish, 12% matics, up to 20% pink feld.
97.6	99.5	Bio - feld gn, (10% - 90%), moderately banded.
99.5	102.0	Granite, gy to pinkish, coarse grained, up to 10% matics, up to 30% pink feld.

Hole # 73-2 (Continued)

102.0	103.0	Bio-feld gn, as at 97.6.
103.0	107.4	Granite, gy to slightly pinkish, 10% mafics.
107.4	108.0	Bio-feld sch, slightly banded.
108.0	111.0	Fragments, mainly bio-feld sch
111.0	112.0	Peg, irregularly textured.
112.0	117.8	Horn-feld gn, (10%-90%), moderate chloritic alteration. Fol 45°.
117.8	117.9	Skarn, 5% gal, 5% py.
117.9	120.4	Bio-feld sch, (40%-60%), up to 5% red garnets.
120.4	122.0	Diorite, medium to coarse grained, 15% mafics.
122.0	122.2	Feld. ?
122.2	131.0	Bio-feld sch, (40%-60%), slightly chloritic. Fol 80°.
131.0	134.0	Peg, slightly greenish alteration.
	134.0	END OF HOLE.

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HOLE # 73-3	Azimuth: S 74° W (T) Dip: −60°	Location: Fir Tree Area Norquest Property, Y.T.

From	To	
0'	3.0'	Overburden.
3.0	8.8	Skarn, green, banded in parts. Fol 75°. Gal, sp, mainly in bands. About 6% Zn, 6% Pb, 3% po, overall. Sample 3-1, over 6.2'.
8.8	12.0	Peg, wh. Upper contact 65°.
12.0	15.6	Skarn, as at 3.0. About 10% Zn, 10% Pb, 5% po. Sample 3-2, over 3.6'.
15.6	22.2	Peg, wh.
22.2	23.0	Diorite, gy, 15% mafics.
23.0	23.6	Qtz.
23.6	25.6	Peg, wh, slightly epidotized.
25.6	29.7	Bio-feld ~~sch~~ gn, (10%-90% to 20%-80%), strongly banded. Fol 50°
29.7	29.9	Peg, wh.
29.9	30.7	Bio-feld gn, as at 25.6.
30.7	31.4	Peg, wh.
31.4	32.5	Bio-feld gn, as at 25.6.
32.5	32.6	Peg, wh.
32.6	40.0	Feld-bio sch, (45%-55%), crenulated. Fol 75°.
40.0	40.2	Peg, wh.
40.2	41.9	Feld-bio sch, as at 32.6.
41.9	46.3	Diorite, gy, 10% mafics.
46.3	49.0	Feld-bio, sch as at 32.6.

Hole # 73-3 (Continued)

49.0	49.2	Diorite, as at 41.9.
49.2	49.3	Feld-bio sch, to bio-feld gn.
49.3	54.0	Bio-feld gn, (15% - 85%), gy, partly banded.
54.0	54.3?	Feld-bio sch, as at 32.6.
54.3?	57.0	Fragments. Mixed peg, diorite, and sch.
57.0	57.2	Peg, wh.
57.2	~~59.7~~ 61.0	Skarn, mainly pale green, slightly banded. About 2% gal overall. Sample 3-3, over 3-8'.
61.0	65.5	Skarn, multi-coloured, banded, feldspathic. Tr mineralization
65.5	66.6	Bio-feld sch, (15% - 85%), gy.
66.6	67.5	Peg, pinkish.
67.5	68.6	Skarn, as at 61.0. Essentially unmineralized. Fol 75°.
68.6	69.3	Skarn, green, about 3% gal overall.
69.3	69.4	Peg, wh.
69.4	72.3	Bio-feld gn, (20% - 80%), gy, banded.
72.3	74.1	Skarn, pinkish to greenish, slightly banded, unmineralized.
74.1	75.2	Bio-feld gn, (15% - 85%), gy.
75.2	77.4	Skarn, wh, 60% CO_3, 10% chloritized mafics. Unmineralized.
77.4	79.0	Skarn, green to grey-siliceous. Ocassional splashes po.
79.0	79.5	Bio-feld gn, (15% - 85%), gy.
79.5	80.0	Peg, wh.
80.0	81.2	Bio-qtz-feld gn, (10% - 30% - 60%), gy.
81.2	81.6	Skarn, pale green, calcitic, unmineralized.
81.6	83.3	Peg, wh, slightly epidotized.
83.3	85.1	Bio-feld sch, (40% - 60%). Fol 80°.

Hole # 73-3 (Continued)

85.1	86.3	Peg, wh.
86.3	86.5	Bio-feld gn, (15%-85%).
86.5	87.5	Feld-bio sch, (50%-50%), somewhat crenulated.
87.5	91.3	Bio-feld gn, as at 86.3
91.3	92.3	Peg, wh, slightly epidotized.
92.3	93.4	Bio-feld gn, as at 86.3.
93.4	106.0	Peg, wh, slightly epidotized.
106.0	109.0	Granite, wh, with 5% disseminated po.
109.0	110.7	Bio-qtz sch, (30%-70%). Fol 50°.
110.7	113.2	Bio-feld gn, (20%-80%), slightly banded.
113.2	118.1	Feld-bio sch as at 86.5.
118.1	119.5	Granite, yellowish-wh, 5% matics.
119.5	120.1	Feld-bio sch, as at 86.5.
120.1	120.3	Peg, wh.
120.3	132.5	Feld-bio sch, as at 86.5.
132.5	133.0	Peg, wh.
133.0	143.0	Feld-bio sch, as at 86.5.
143.0		Granite, wh, 8% matics.
		END OF HOLE

HOLE #73 - 4 | Azimuth : S 89°W (T) | Dip : -63° | Location : Firtree Area, Norquest Property, Y.T.

From	To	
0'	27.0'	Overburden. Boulders including peg and sch.
27.0	30.6	Fragments, mainly bio-feld sch, (10% - 90%), gy. A few qtz fragments every foot or so. Fol 60-70°.
30.6	30.9	Fragments, mixed peg and sch.
30.9	32.8	Ser-feld sch, (45% - 55%), gy. Fol 65°
32.8	33.0	Peg (mainly), wh.
33.0	35.2	Fragments, mixed sch and peg.
35.2	40.2	Ser-feld sch, as at 30.9. Fol 75-85°.
40.2	41.1	Bio-feld sch, weakly chloritized, (15% - 85%).
41.1	41.8	Ser-feld sch, as at 30.9
41.8	57.2	Peg, wh.
OX 2 57.2	58.6	Skarn, fragments, with rusty patches and tr gal.
58.6	63.8	Skarn, pk and green banded, 10% qtz, tr gal. Fol 70°. 63.3 - 1" calcite band. 63.5 - 1" qtz band.
63.8	70.5?	Feld-bio sch, (30% - 70%). Fol 65°. 64.4 - 2" peg with chloritic alteration. 64.9 - 1" peg. 67.0 - 63.5 - Frequent qtz bands, rust and calcite on fractures.
70.5?	72.0	Peg, wh, with chloritized matics.
72.0	77.0	Bio-qtz gn, (15% - 85%), gy, banded. Frequent py on fractures. Fol 70°.

Hole # 73-4 (Continued)

77.0	77.5?	Fragments, qtz-feld gn.
77.5?	80.9	Bio-qtz gn, as at 72.0. Up to 20% gy feld. Rusty fractures 77.8-79.0
80.9	81.9	Fragments, mainly peg.
81.9	93.6	Bio-qtz gn, as at 72.0. Up to 30% gy feld. Fol 90°.
93.6	93.8	Qtz.
93.8	98.0	Feld-qtz gn, (40% - 60%), gy.
98.0	98.2	Rubble, mixed.
98.2	99.4	Skarn, pale green. Tr sp. Tr cp. 0-5% (py + po). Sample 4-1, (98.2 to 99.6), over 1.4'.
99.4	99.6	Skarn, pinkish, calcitic.
99.6	100.7	Peg, wh, strong wh alteration.
100.7	103.7	Bio-feld gn, (15% - 85%), gy, very weak fol, chloritized bio.
103.7	124.0	Skarn, pale green. Gal, sp 103.7 to 107.9, tr gal, tr sp, over 4.2', Sample 4-2, 107.9 to 114.0, tr to 10% Zn, tr to 5% Pb, 3 to 20% po, over 6.1', Sample 4-3 114.0 to 119.0, tr to 5% Zn, tr to 5% Pb, over 5.0', sample 4-4. 119.0 to 123.5, 0 to 5% Pb, 0 to 10% po, over 4.5', Sample 4-5.
124.0	128.8	Bio-feld sch, (35% - 65%), gy. Fol 45°.
128.8	129.5	Peg, wh.
129.5	130.2	Bio-feld sch, as at 124.0.
130.2	131.9	Peg, wh
131.9	132.0	Qtz
132.0	136.0	Bio-feld sch, as at 124.0. Rusty and broken 135.0 to 136.0.
136.0	137.1	Granite, gy, 10% mafics.
137.1	138.5	Bio-feld sch, as at 124.0.

Hole # 73-4 (Continued)

138.5	141.5	Peg, wh, slightly epidotized. ?
141.5	143.1	Bio-feld sch.
143.1	148.7	Skarn, pinkish-brown, siliceous, py on fractures. Lower contact at 35°. Gal, about 1% Pb overall, mostly concentrated between 147.0 and 148.0. Sample 4-6, over 5.6'.
148.7	152.0	Peg, slightly epidotized, variable rose-coloured alteration.
152.0	195.1	Granite, gg, 10% bio, variable calcitic alteration, up to 10% pink feld, and very broken in parts.
195.1	200.0	Peg, wh
	200.0	END OF HOLE

HOLE # 73-5 Azimuth: N 88°W (T) Location: Firtree Area
Dip: -59° Norquest Property, Y.T.

From	To	
0'	17.0'	Overburden
17.0	17.6	Granite, 8% mafics, 35% pink feld.
17.6	19.4	Peg, (mainly), wh.
19.4	40.7	Skarn, green, banded, with frequent quartz patches. Fol 70°
		Variable gal, sp, cp.
		19.4 to 26.0, averages about 2% Pb, 2% Zn, Tr cp, 3% py, 3% po. Sample 5-1/6.6'
		26.0 to 31.0, " " 2% Pb, 2% Zn, 4% po, 3% py. Sample 5-2/5.0'
		31.0 to 36.0, " " tr Pb, tr Zn, 5% py. Sample 5-3/5.0'
		36.0 to 40.7, " " 1% Pb, 1% Zn, 3% py, Sample 5-4/4.7'
40.7	41.2	Bio-feld gn, (15%-85%), gy to green.
41.2	41.6	Peg, wh.
41.6	42.0	Bio-feld gn, (20%-80%). Fol 80°.
42.0	42.2	Granite, as at 17.0.
42.2	42.6	Peg, wh
42.6	47.0	Skarn, greenish to pinkish, essentially unmineralized.
47.0	47.2	Qtz.
47.2	47.9	Qtz-bio sch, (40%-60%), banded. Fol 60°
47.9	50.0	Skarn, green, 40% qtz, unmineralized.
50.0	51.6	Qtz-bio sch, as at 47.2.
51.6	53.3	Fragments of skarn, as at 47.9.
53.3	55.5	Skarn, green, brecciated and cemented in qtz groundmass.
		Gal, sp, cp. Sample 5-5, over 2.2', about 10% Pb, 10% Zn, 1% Cu.

Hole 73 - 5 (Continued)

55.5	59.2	Skarn, green, as at 47.9. Tr py only
59.2	60.7	Feld, wh.
60.7	66.0	Skarn? Similar to 47.9 but homogenous in texture. Fol. 80°
66.0	67.0	Feld, wh, with some pinkish and epidote alteration.
67.0	77.1	Skarn, as at 47.9, unmineralized. 73.5 - 74.6, somewhat brecciated.
77.1	77.5	Garnet - bio - qtz gn, (10% - 20% - 70%).
77.5	82.0	Skarn, as at 47.9, unmineralized.
82.0	84.9	Skarn, pale green, less than 5% qtz. Sp, gal, cp, mostly in 3" band at 83.3. Sample 5-6, over 2.9', about 5% Pb, 5% Zn, 1% Cu.
84.9	95.9	Peg, wh.
95.9	98.5	Horn? - qtz gn, (30% - 70%), gy, banded. Fol 70°.
98.5	110.1	Skarn, mostly green and unbanded. Sp, cp, po, gal. Samples average about 5% Zn, 5% Pb, Tr. Cu. Sample 5-7, over 4.5', 98.5 to 103.0 Sample 5-8, over 5.0', 103.0 to 108.0 Sample 5-9, over 2.1', 103.0 to 110.1
110.1	111.8	Bio - feld sch, (25% - 75%). Fol 65°.
111.8	116.7	Skarn, mainly green, slightly banded, slightly epidotized Gal, Sp. Sample 5-10, over 4.9', about 2% Pb, 2% Zn.
116.7	119.0	Granite, 6% mafics, wh, pegmatitic in part.

Hole 73 - 5 (Continued)

119.0	119.9	Bio - feld gn, (10% - 90%), quite fine grained.
119.9	120.5	Peg ; pinkish.
120.5	125.9	Skarn, green, slightly banded.
		Sp, gal.
		Sample 5 - 11, over 5.4', about 3% Pb, 3% Zn
125.9	128.3	Skarn, banded, siliceous.
		Tr gal, sp, py
		Sample 5 - 12, over 1.4'.
127.3	132.5	Skarn, green
		Gal, sp, po, py.
		Sample 5 - 13, over 5.2', about 3% Pb, 3% Zn, 2% po, 2% py
132.5	140.7	Qtz - bio sch, (45% - 55%), crenulated.
140.7	140.8	Diorite, gy, 10% mafics.
140.8	141.6	Qtz - bio sch, mainly, as at 132.5
141.6	142.6	Skarn, pale green, banded, slightly epidotized.
		Zn, Pb, both about 3%.
142.6	143.5?	Bio - qtz gn, (35% - 65%), Fol 60°.
143.5?	144.6	Peg, wh.
144.6	147.2	Qtz - bio sch, as at 132.5
147.2	147.4	Diorite, 10% mafics, slightly chloritized.
147.4	148.5	Qtz - bio sch, as at 132.5,
148.5	151.0	Peg, wh.
151.0	152.5	Qtz bio sch, as at 132.5.
152.5	157.9	Peg, wh.

Hole # 73-5 (Continued)

157.9	159.6	Qtz-bio sch, as at 132.5.
159.6	160.5	Peg, wh, very broken.
160.5	161.0	Qtz-bio sch, as at 132.5.
161.0	164.3	Skarn, pink and white, unbanded, siliceous, calcitic. 5% gal over 2" at 163.3.
164.3	176.4	Skarn, green, somewhat banded Gal, sp, py. Sample 5-14, (164.3 to 170.0), over 5.7', about 1% Pb, 1% Zn, 2% py. Sample 5-15, (170.0 to 176.4), over 6.4', about ½% Pb, ½% Zn.
176.4	181.0	Skarn, as at 161.0 Sp only Sample 5-16, over 4.6', ½% Zn, ¼% py.
181.0	200.0	Skarn, green, unbanded. Sp, gal, py. Sample 5-17, (181.0 to 186.0), over 5.0', 8% Zn, 4% Pb, 1% py Sample 5-18, (186.0 to 191.0), over 5.0', 14% Zn, 10% Pb, 1% py. Sample 5-19, (191.0 to 196.0), over 5.0', 9% Zn, 9% Pb Sample 5-20, (196.0 to 200.0), over 4.0', 8% Zn, 4% Pb, 1% py.
200.0	204.0	Bio-feld sch, (50%-50%).
	204.0	END OF HOLE

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HOLE 73-6	Azimuth: due W Dip: -60°	Location: FIR-ICE AREA Newmont Property, Y.T.

From	To	
0	1	OVBDN
1	28	MG dio, sli pyritic but fresh, contains frags of peg gr.
28	40	Peg gr, garnet zone @ 40 some sph + py (contact metam anal zn).
40	66	Skarn (bio qtz gr).
66	67	Dio
67	68	Bio qtz gr
68	68½	Peg
68½	89½	Bio qtz gr, loc skarny
89½	91½	Peg
91½	103	Qtz bio gr, loc skarny
103	103½	contact anal zn gr, sph + po @ 50°
103½	125	Gr peg.
125	134	Qtz bio gr.
134	143	(hornfelsed?) Peg Gr.
143	145	Qtz bio gr
145	148	Peg, loc w/ garnet skarn
148	149	Qtz bio gr.
149	152	Peg
152	153	Qtz bio gr
153	157	Peg, partly alt to gr sk (epidtzd)
		End.

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HOLE # 73-7 (a) Azimuth : Due W (T) Location : Firtree Area
Dip : -60° Norquest Property, Y.T.

From	To	
0'	5.0'	Overburden.
5.0	6.4	Peg, wh.
6.4	6.7	Skarn? Siliceous, rusty.
6.7	7.1	Peg, wh.
7.1	7.3	Skarn? as at 6.4.
7.3	7.6	Bio-feld gn, (5% - 95%).
7.6	9.1	Bio-feld sch, (25% - 75%), somewhat banded.
9.1	10.0	Bio-feld gn, (10% - 90%).
10.0	10.2	Peg, wh.
10.2	10.8	Bio-feld gn, as at 9.1.
10.8	11.8	Peg, wh.
11.8	16.9	Bio feld gn, as at 9.1, slightly chloritized.
16.9	20.0	Peg, wh.
20.0	21.3	Bio-feld gn, as at 9.1.
21.3	22.1	Peg, wh.
22.1	27.6	Bio-feld gn, 20%-80%, with frequent qtz bands.
27.6	30.7	Peg, wh.
30.7	30.8	Feld-bio sch, (50% - 50%) granulated.
30.8	[illegible]	Fragments, mixed peg and sch.
		END OF HOLE

Hole 75-76	Azimuth: due W Dip: -60°	Location: Fir Tree Area Newport Property, V.T.

From	To	
0	5	OVBDN
5	12	Qtz bio gn, banding @ 70°.
12	12.5	Qtz felds peg
12.5	13	Bio qtz gn.
13	14	Peg, garnet sk near FW.
14	18	Qtz bio gn.
18	25	M G bio x fract, fract filled w/ qtz + felds.
25	30	Qtz bio gn.
30	31.5	Peg
31.5	41	Bio qtz gn.
41	42	Qtz felds peg
42	55	Qtz bio gn.

End.

Hole abandoned due to excessive caving

HOLE # 73 - 8	Azimuth: Dip :	Location: FirTree Area Nogunsil Property, Y.T.

From	To	
0	15	MG dio
15	15½	Sk, some specks of gn
15½	19	Peg, FW @ 45°, qtz feldsp border phase 6"
19	28	Qtz bio gn, minor dissem sph gn w/ po, rather erratic distrib.
28	38	Peg
38	45	MG sli seritzd dio.
45	65	Qtz muscov sch.
65	78	Gn

Hole abandoned due to excessive caving.

DD87

HOLE #73-9	Azimuth: due W, Dip: -60°	Location: Fir Tree Area, Marquest Property, Y.T.

From	To	
0	11	Ovbdn
11	25	Qtz bio gn, @ 65°CA, specks dissems gn, sph w/ po 18-25
25	29	Li green gy granodio, HW obs FW @ 45°
29	33	Epidotz qtz bio gn w/ specks + dissems of gn, sph, + po.
33	35½	Granodio
35½	71	Qtz bio gn., lamellar struct @ 60°: sulfide mnlzn 48.7 - 60.7. lt 1% - 3%
71	71.5	Peg dyke, 65°CA
71.5	90.5	Qtz bio gn, barren sec.
90.5	133	Qtz bio gn, loc skarny
133	134	Peg dyke
134	137	Hi grade Qtz bio gn, bio strongly lin.
137	139	Peg dyke
139	154	Contorted banding qtz bio gn.
154	178	Granodio dyke @ 90°
178	199	Qtz bio gn, loc skarny
199	200.5	Granodio dyke.
200.5	202	Banded qtz bio gn.
		End.

HOLE # 73-10	Azimuth: due W Dip : -60°	Location: Fir Tree Area Wegwood Property Y.T.

From	To	
0	1	Ovbdn
1	40.5	Qtz bio gn, loc skarny. some sulf dissems 29 - 40.5, v weak.
40.5	41	Peg dyke
41	45.5	Qtz vn, barren parallel to gneissosity.
45.5	48	Peg dyke.
48	49	Skarny Qtz bio Gn.
49	49.2	Aplite dyke?
49.2	52	Skarny Qtz Bio Gn.
52	54	Gneissic dio por., whi plag laths. subhedral to 3/8"
54	91	Skarny qtz bio gn, good mnlzn 81-91, ± 4% sulf comb.
91	97	Granodio
97	111	Hi contorted banding bio qtz gn.
111	112	md grained granodio
112	114.5	Hi contorted banding qtz gn.
114.5	115.5	Granodio
115.5	116.	Massive whi qtz — chert?
116	120	Bio qtz gn.
120	120.5	qtz fldx. por.
120.5	134.5	Skarny Qtz bio gn
134.5	159.5	Granodio loc pegmatitic text with flattened skarny inclus. (qtz bio gn)?
159.5	170.5	Skarny Qtz bio gn, sulf mnlzn ±5% 159.5-164
170.5	175	Peg
175	175.5	Qtz bio gn (screen?)
175.5	189.5	Peg granite
189.5	190	Qtz bio gneiss.
190	194.5	Peg granite
194.5	199	Qtz bio gn
199	200	Diorite rk, hi chlotzd.

End.

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HOLE 75 - 11	Azimuth: 0 Dip: Vertical	Location: Blackjack Area Nugget Property, Y.T.

From	To	
0	44	OVBDN : Hole abandoned, Ovbdn too deep. Casing driven down to 37', machine can't turn further. casing beyond 37 to 44 or deeper. Obvdn : Mixed talus, sand & glacial debris.

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HOLE 73 — 12	Azimuth : 0 Dip : Vertical	Location : PEACHMACK AREA Nanaimo Property, Y.T.

From	To	
0	35	OVBDN
35	38	Sk gtz bio gn
38	58	M G dio, rather fresh
58	60	Bio gtz gn.
60	63	M G dio
63	75	Gtz bio gn, loc skarny (epid); blessed + disseminated sph gn + po ± 5% 70½-71; disseminated 73-73½.
75	76	Biotitic dio
76	85	Epid gn.
85	104	Epid gn, banding @ 65°C/A, loc coarse disseminated sph, 94.5-104
104	150	M G dio, foliated text near contacts.
		End.

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HOLE 73-13	Azimuth: 0 Dip: Vertical	Location: BLACKJACK AREA Nuyman Property, Y.T.

From	To	
0	35	OVBDN
35	72	Qtz bio gn, loc. stainy, fol banding of bio + qtz. @ 75° CA.
72	73	Granodio dyke
73	83½	Qtz bio gn.
83½	84½	Aplite dyke, garnet sk contact.
84½	91	Qtz bio gn,
91	100	F G granodio, rather fresh.

End.