



52H04NE0004 63.5221 LAC DES ILES

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REPORT OF WORK PERFORMED

on

MADELEINE MINES LTD.
LAC DES ILES PROPERTY

Thunder Bay Mining Division
ONTARIO

January 1, 1987 - December 31, 1987

June 21, 1988

H.A. Pearson, P. Eng.



OM87-4-L-146

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Figure 7 - Plan of Trenching
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LAC DES ILES
Thunder Bay District, Ontario

REGIONAL GEOLOGY

-  Diabase
-  Greywacke
-  Granitic Rocks
-  Gabbro
-  Metasediments and Metavolcanics

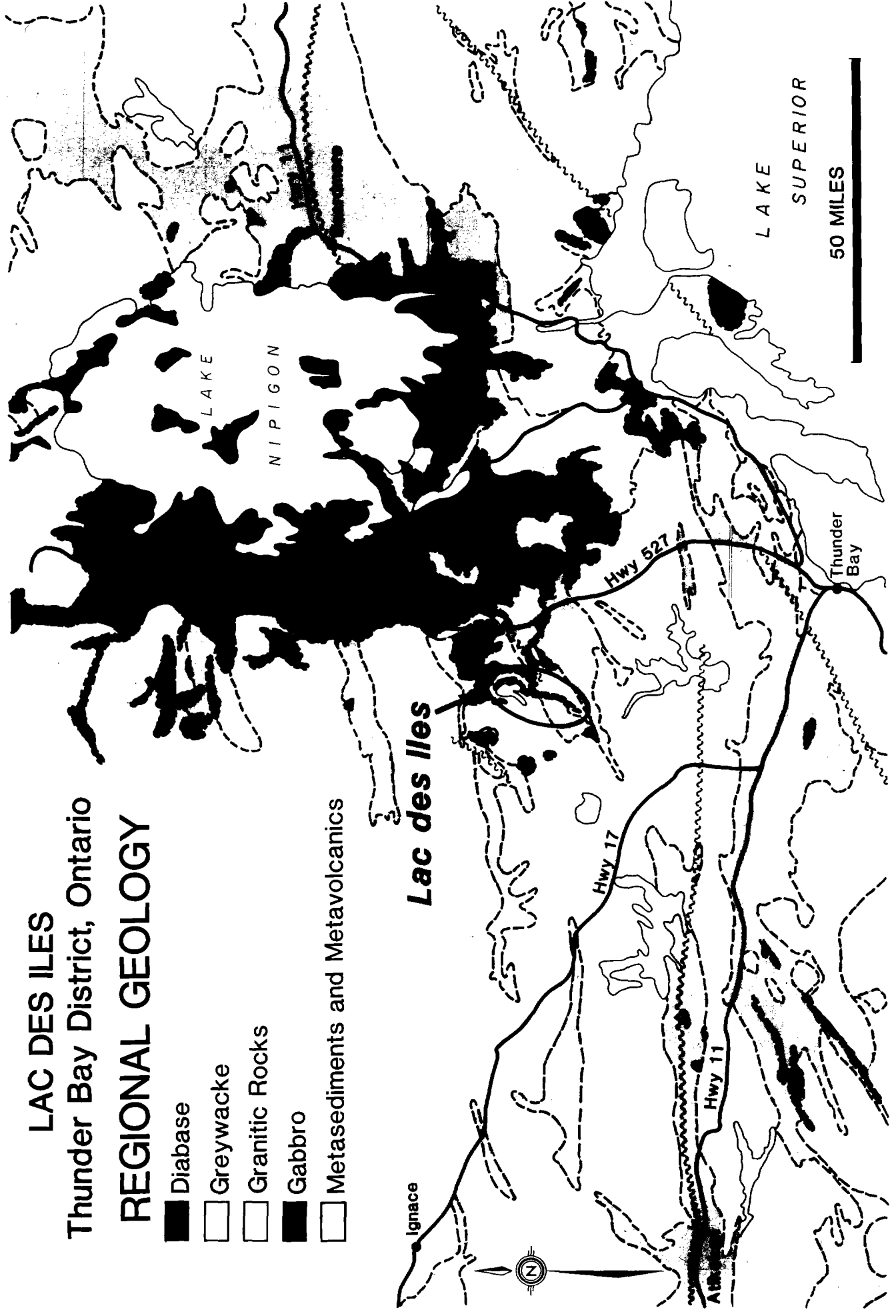


FIGURE I

MADELEINE MINES LTD.

LAC DES ILES PROPERTY

Thunder Bay Mining Division
Ontario
OMEP Programme
January 1 - December 31, 1987

1. INTRODUCTION

The Madeleine Mines Ltd. property is located approximately 50 miles north of Thunder Bay, Ontario; and consists of 85 leased claims located at the south end of Lac des Iles.

The claims cover the basic and ultra basic rocks of the Lac des Iles complex. This complex and the surrounding granites and tonalites are of Archean Age.

In 1963, prospectors discovered copper-nickel sulphide mineralization south of Lac des Iles.

Gunnex Limited acquired a large block of claims in the area; and located eight sulphide zones some of which contained palladium and platinum. Anaconda Canada Exploration Ltd. optioned the claims from Gunnex in 1966; and conducted further diamond drilling.

When Anaconda dropped the properties in 1973, Boston Bay Mines Ltd., acquired the claims by option and staking.

Drilling by Boston Bay Mines encountered platinum group metals associated with minor copper-nickel concentrations. The location of a new zone, called the Roby Zone sparked renewed interest in the property.

Texasgulf optioned the property in the spring of 1975 and continued the diamond drilling programme.

This drilling proved up considerable reserves on two important zones, the Roby Zone and the C Zone.

The Texasgulf and Boston Bay drilling outlined approximately 6,490,000 tons available by open pit mining to 500 feet. The deepest drill hole indicates the platinum-palladium mineralization extending to a depth of 1,465 feet; and it is open at that depth.

The drilling of the C Zone has indicated 900,000 tons mineable by open pit methods.

Texasgulf and Boston Bay drilling amounted to 64,356 feet in 117 holes.

In April of 1986, Madeleine entered into an agreement with The Platinum Group Mines Limited. Under the agreement, Madeleine Mines and The Platinum Group will work towards a final amalgamation which will see Madeleine acquire a 100% interest in the property.

Under the terms of the agreement with The Platinum Group, if a suitable amalgamation acceptable to all cannot be arranged, Madeleine will have the option to bring the property to production at 3,000 tons per day and earn a 50% interest in the property for so doing.

In early June, 1986, Madeleine Mines commenced an exploration programme on the Lac des Iles property. The programme consisted of diamond drilling, line-cutting (to establish grids), clearing timber and stripping overburden from the Roby Zone.

The purpose of the drilling programme was to detail the Roby Zone for open pit mining; explore the depth extensions of the Roby Zone; and investigate the extent of the lower grade halo to the west of the Roby Zone.

In 1986, a total of 36,777 feet were diamond drilled in 34 holes.

In 1987, Madeleine Mines continued the diamond drilling programme and a total of 11,319 feet was drilled in 16 holes.

In addition, 935,000 cubic yards of trenching were completed to assist in outlining the extent of the orebody for open pit production.

Further a 12 mile access road was completed from Mile 60 on Highway 527.

2. THE PROPERTY, LOCATION AND ACCESS

The property consists of 85 leased claims in the Thunder Bay Mining Division. It is located approximately 50 miles north of Thunder Bay, Ontario. The claim numbers are indicated in the accompanying Figure 2.

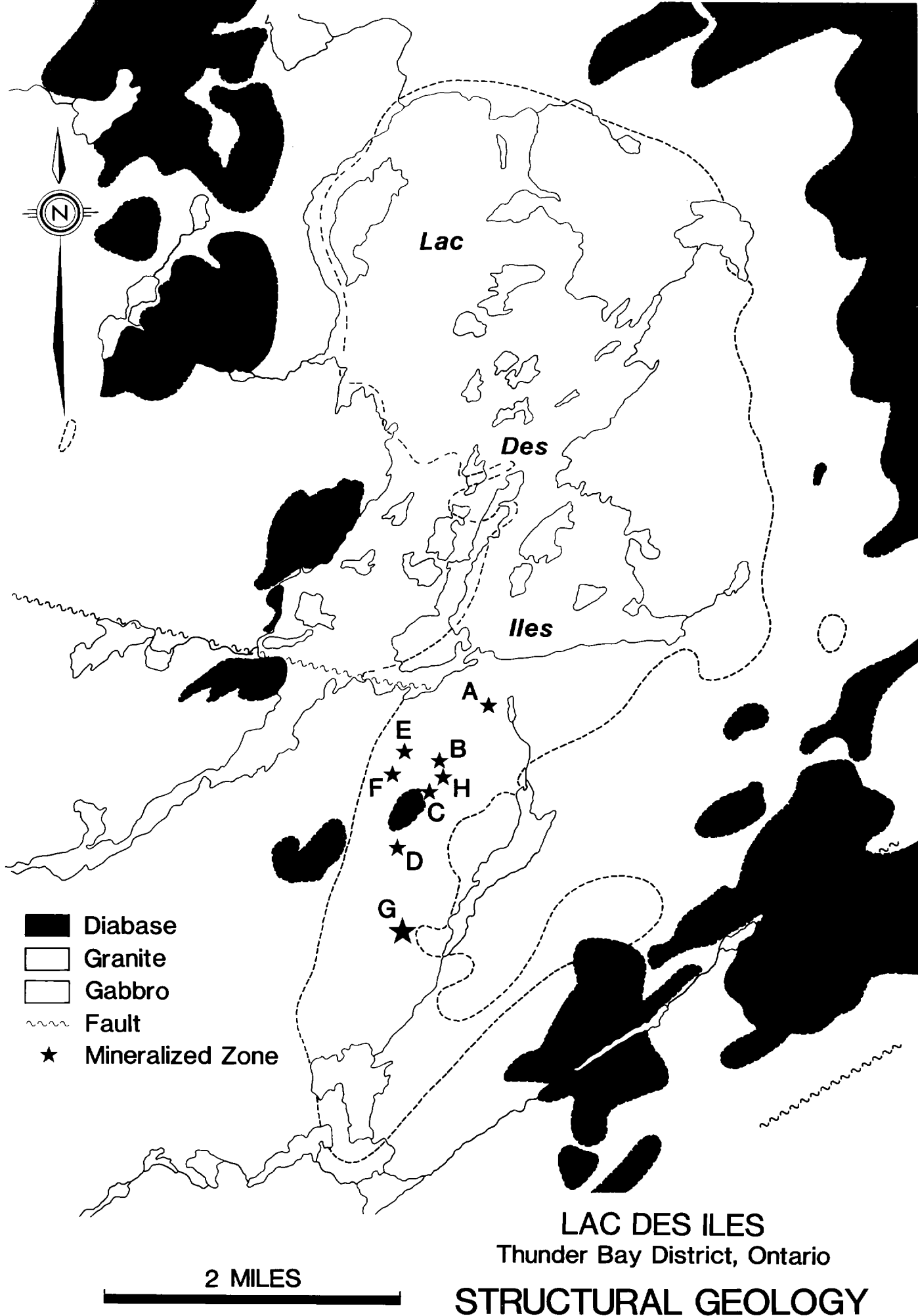
The claim numbers are as follows:

TB 352256-352264 inclusive	TB 384889-384909 inclusive
TB 352370-352379 inclusive	TB 404122-404135 inclusive
TB 384484-384492 inclusive	TB 405357-405378 inclusive

The property is located at the south end of Lac des Iles; and covers the basic and ultrabasic rocks of the Lac des Iles complex.

The property is approximately 12 miles due west of Mile 60 on Highway 527 (Figure 1). The access road covering the 12 miles has been completed.

The property may also be reached by float or ski-equipped aircraft from Thunder Bay.



3. HISTORY

A general chronology of the exploration of the property is covered in the Introduction to this report.

The Gunnex Limited exploration in 1963, 1964, included geological mapping, geochemistry, ground geophysical surveys and diamond drilling. Eight sulphide zones (A, B, C, D, E, F, G, H), some bearing platinum-palladium mineralization, were located (Figure 3).

During the summer seasons of 1964 and 1965, the Ontario Department of Mines conducted a geological survey of the area under the direction of Dr. E.G. Pye.

Drs. Macdonald and Sutcliffe of the Ontario Geological Survey have carried out detailed mapping of the property and its environs during the summer of 1986.

The Boston Bay Mines exploration consisted of detailed geophysical surveys (magnetic and electromagnetic) and diamond drilling. The Texasgulf programme was essentially diamond drilling.

The complete drill holes were divided into 10 foot lengths for assay purposes. The core was split and one half was sent for assay; the remainder kept as a record.

Assaying was for platinum group metals using the fire assay method. Bell-White Laboratories, Haileybury, did this work. Later, Bell-White were requested to assay all samples for copper and nickel. In the current programme Bell-White is also assaying for gold.

Representatives of Rustenberg Mines of South Africa visited the property in 1975. They checked a number of the Bell White assays; and their results show good correlation with Bell-White (Figure 5).

The Rustenberg assays are slightly higher than Bell-White due to the fact that their results include gold values with the platinum group metals, while Bell-White assays only cover the platinum group metals.

They show roughly a palladium-platinum ratio of 8:1.

4. GEOLOGY AND MINERALOGY

The area around Lac des Iles is underlain by rocks of Precambrian Age. Basic and ultrabasic rocks of the Lac des Iles complex are completely surrounded by younger granites and tonalites.

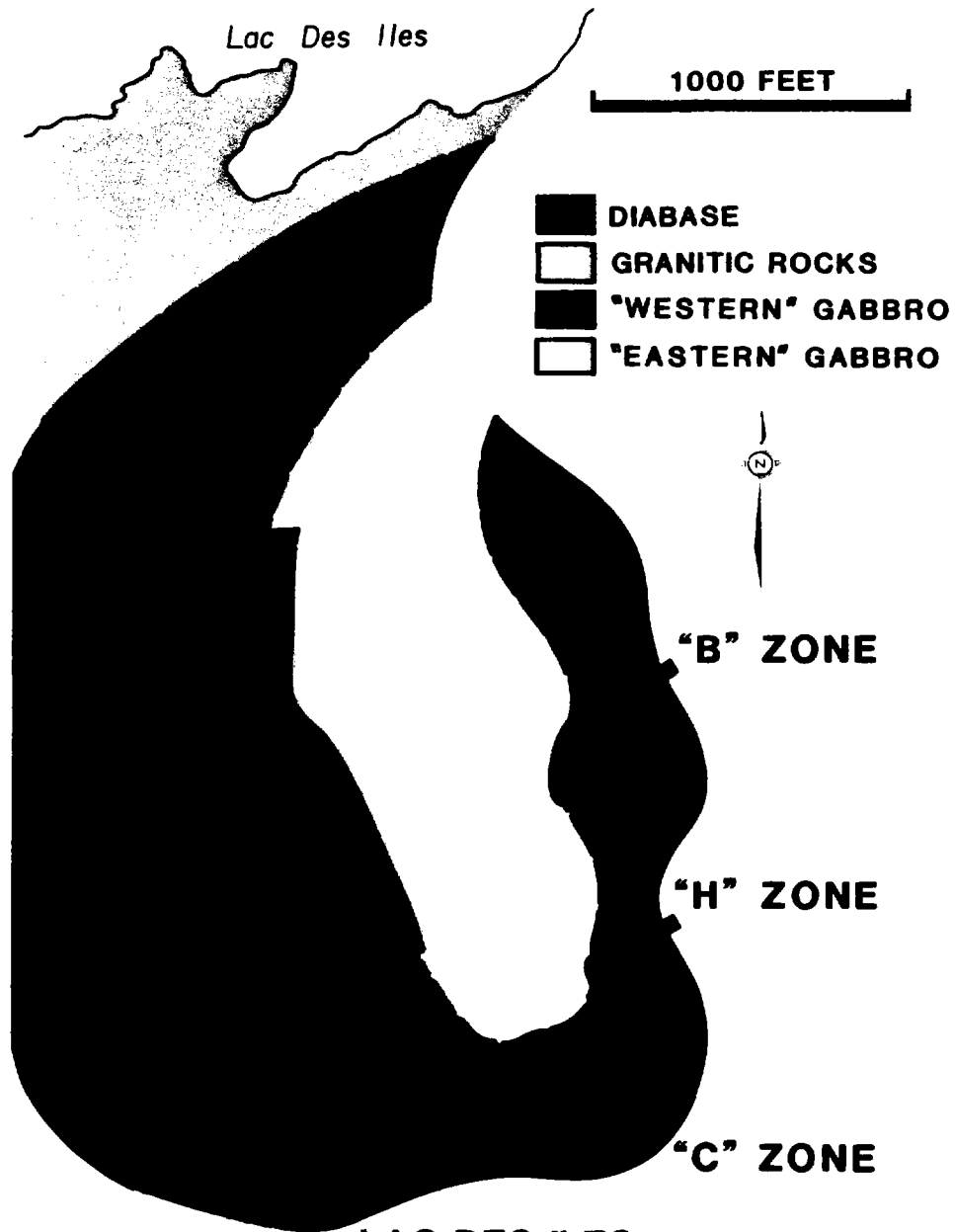
There are erosional remnants of the Keweenawan diabase sills. There is a small remnant of a sill just south of the Roby Zone.

The Lac des Iles complex includes anorthosite, anorthositic gabbros, norite, pyroxenite, peridotite, serpentinite, quartz gabbro and their altered equivalents.

BOSTON BAY MINES

FIGURE 5

Hole/Sample No.	Rustenburg Assay PGM & Au	Ball White Assay PGM
P 5/9	.104	.084
5/12	.046	.044
5/16	.186	.163
P 6/22	.192	.190
P 7/6	.122	.088
7/20	.230	.193
P 8/10	.163	.129
P 9/7	.099	.083
P 10/8	.034	.044
P 11/5	.169	.183
11/14	.145	.103
P 12/32	.554	.360
P 14/5	.043	.035
14/6	.332	.310
14/7	.659	.450
14/8	.589	.475
14/9	.250	.205
14/10	.223	.183
14/11	.691	.670
14/12	.344	.380
14/13	.300	.310
14/14	.212	.180
14/15	.338	.260
14/16	.478	.410
14/17	.425	.405
14/18	.271	.370
14/19	.329	.360
14/20	.285	.225
14/21	.166	.160
14/22	.130	.198
14/23	.093	.083
14/24	.116	.103
14/25	.107	.083
14/26	.104	.095
Average	.251	.223



LAC DES ILES
 Thunder Bay District, Ontario
 LOCAL GEOLOGY

FIGURE 4

The southern section is divided into two mafic units. The Eastern Gabbro is a medium grained gabbro to norite; and is oxide-rich, sulphide poor. The Western Gabbro is coarsergrained and sometimes pegmatitic consisting of gabbro (70%), norite (20%), clinopyroxenite, and minor anorthosite (Figure 4).

The latter are layered, steeply dipping and contain copper, nickel, iron sulphides and platinum group sulphides, arsenides, antimonides and tellurides.

The principal platinum group minerals are:

Vysotskite - (Pd,Ni) S
 Braggite - (Pt,Pd,Ni) S
 Kotulskite - Pd (Te,Bi)
 Isomertieite - Pd,Sb₂,As₂
 Merenskyite - Pd,Te₂
 Sperrylite - Pt,As₂
 Stibiopalladinite - Pd₅ (Sb,As,Te)₂
 Stillwaterite - Pd₈,As₃

5. ORE RESERVES AND METALLURGY

The palladium-platinum minerals have been found in a number of zones in the area of Lac des Iles. The most important zones found to date are the Roby Zones and the C Zone.

The Roby Zone has received the most investigation and is the zone of immediate economic importance.

The Roby Zone strikes approximately N20 degrees W, dips vertically to steeply east and extends for some 2,000 feet. It has a maximum width of 375 feet.

It is amenable to open pit mining. The pit area requires the clearing of 34 acres.

The deepest drill hole to date, Hole D1, shows the mineralization extending downwards to 1,465 feet; and open at depth. In this hole a section from 1,095 feet to 1,245 feet averaged 0.235 platinum group metals per ton; and from 1,245-1,465 feet, 0.0725 ounces PGM per ton.

The Roby mineralization appears to be syngenetic and a product of magmatic segregation and magma mixing.

An open pit on this zone would have a length of 1,700 feet and an average width of 83 feet.

Glenn R. Clark, P.Eng. estimates: an open pit reserve of the Roby Zone to 500 feet of 6,490,000 tons with an average grade of 0.18 ounces of platinum group metals per ton, 0.01 ounces gold per ton, 0.1% copper and 0.1% nickel. Subsequent assaying indicates an average grade of 0.02 ounces gold per ton. Clark's reserves were based on 52 drill holes totalling 32,000 feet of drilling.

For the C Zone, Clark estimates 900,000 tons with an average grade of 0.14 ounces of platinum group metals per ton. This is open pit material.

Total reserves to 1,500 feet are estimated at 20,400,000 tons with an average grade of 0.18 ounces of platinum group metals.

It will be noted that the Roby Zone, C Zone, H Zone and B Zone are closely related to the West Gabbro - East Gabbro contact.

The palladium-platinum mineralization does not appear to be directly related to the total sulphides present.

Heavier concentrations of platinum group metals occur in the clinopyroxenite in proximity to the West Gabbro - East Gabbro contact; and in the mineralized norites of the West Gabbro.

The platinum-palladium ores are amenable to concentration by flotation. The recovery circuit uses gravity ahead of flotation. Early indications show a high grade jig concentrate.

It is intended to treat the concentrates in the hydrometallurgical facility. The concentrates are pressure leached and produce a PGM rich residue which is sent to the refinery. A combined recovery of the significant metals of approximately 85% is expected from the combined gravity and flotation circuit.

Flotation tests have been conducted by 4 laboratories including Falconbridge, Placer and Noranda.

It is expected that minor but recoverable amounts of Rhodium, Ruthenium, Osmium and Iridium will be produced.

6. THE EXPLORATION PROGRAMME

The exploration programme consisted of diamond drilling and rock trenching.

The purpose of the diamond drilling was to detail the ore reserves, explore the extensions of the Roby Zone to depth, and to search for higher grade zones in the large mineralized halo to the west of the Roby Zone.

Trenching was carried out over the Roby Zone to expose the ore and determine its limits for open pit production. This also provided bulk samples for metallurgical testing.

A. The Diamond Drilling Programme

During the period January to December, 1987, Madeleine Mines diamond drilled 11,319 feet in 16 holes on the Lac des Iles property.

These holes indicate that the Roby Zone extends to depth and plunges to the south. However, hole 86-14 on Section 519 suggests that the plunge may be quite

ep. Hole 86-14 intersected 0.127 ounces per ton PGM over 190 feet (within which was a 60 foot intersection of 0.191 ounces PGM per ton) between the -750 foot and -900 foot elevations.

The drilling also further outlined the better grade mineralization of the Central Zone and the West Zone in the mineralized halo to the west of the Roby Zone.

A summary of the 1987 diamond drilling is as follows:

<u>Hole Number</u>	<u>Section</u>	<u>Length</u>	<u>Footage</u>	<u>Width (Feet)</u>	<u>PGM Oz/Ton</u>
87-35	508	236'	50 - 70	20'	.106
			120 - 140	20'	.087
			170 - 237	37'	.047
87-36	508	826'	30 - 67	37'	.103
			170 - 190	20'	.088
			170 - 250	80'	.054
			380 - 440	60'	.064
87-37	510	377'	40 - 60	20'	.075
			110 - 140	30'	.094
			260 - 300	40'	.105
87-38	507	787'	50 - 140	90'	.082
87-39	507	737'	40 - 60	20'	.076
			160 - 190	30'	.069
			260 - 270	10'	.133
			250 - 320	70'	.052
			370 - 410	40'	.085
			550 - 560	10'	.225
			510 - 560	50'	.097
470 - 560	90'	.074			
87-40	510	507'	90 - 110	20'	.090
			50 - 190	140'	.054
			340 - 507	167'	.061
87-41	515	627'	10 - 30	20'	.104
87-42	513	777'	3 - 70	67'	.19
			3 - 100	97'	.157
87-43	512	523'	90 - 150	60'	.176
			10 - 240	230'	.127
87-44	510	604'	160 - 180	20'	.079
			250 - 260	10'	.088

<u>Hole Number</u>	<u>Section</u>	<u>Length</u>	<u>Footage</u>	<u>Width (Feet)</u>	<u>PGM Oz/Ton</u>
87-45	507	708'	60 - 80	20'	.199
			50 - 90	40'	.126
			200 - 240	40'	.062
			280 - 290	10'	.086
			300 - 320	20'	.064
			460 - 470	10'	.177
			690 - 700	10'	.132
		670 - 708	38'	.068	
87-46	509	700'	70 - 110	40'	.056
			240 - 250	10'	.095
			230 - 290	60'	.052
			560 - 570	10'	.084
87-47	-	-	Not Drilled		
87-48	511	653'	50 - 70	20'	.11
			10 - 150	140'	.051
			230 - 250	20'	.068
87-49	507	1207'	20 - 40	20'	.076
			80 - 180	100'	.046
			220 - 280	60'	.055
			350 - 410	60'	.055
			460 - 620	160'	.051
			680 - 730	50'	.048
87-50	509	1190'	30 - 90	60'	.048
			220 - 240	20'	.047
			300 - 430	130'	.050
			560 - 610	50'	.046
87-51	510	860'	-	-	-
Total		11,319'	16 Holes		

The sampling has been done in 10 foot sections. The core has been halved either by splitting or diamond saw. One half of the split core is sent for assay. The corresponding half is retained for the record.

Initially, the most promising sections in the hole are sent for assay; but, because of the difficulty of visually assessing the mineralization, all of the core is being split and sent for assay.

The sample numbers on the assay sheets indicate the number of the hole and footage. The initial digits indicate the hole number; the final digits, the footage in multiples of 10.

For example, sample number 21004, is from Hole 21 and represents the section for 30 to 40 feet. Sample number 21075 is from Hole 21 and represents the section from 740 to 750 feet.

In diamond drilling the low grade halo to the west of the Roby Zone, a number of holes have indicated two bands of higher grade, the Central Zone and the West Zone as indicated in the following assays:

Central Zone

Section 506

Hole 86-7 - 0.112 ozs. PGM/54' - 0.10 ozs. PGM/84'
 Hole 86-16 - 0.102 ozs. PGM/90' - 0.137 ozs. PGM/60'
 Hole 86-22 - 0.101 ozs. PGM/90'

Section 507

Hole 86-19 - 0.060 ozs. PGM/70'

Section 508

Hole 86-11 - 0.093 ozs. PGM/20'

West Zone

Section 506

Hole 86-16 - 0.68 ozs. PGM/110'

Section 507

Hole 87-38 - 0.082 ozs. PGM/90'
 Hole 87-39 - 0.085 ozs. PGM/40'

Section 508

Hole 86-35 - 0.85 ozs. PGM/20'
 Hole 86-23 - 0.063 ozs. PGM/60'

Section 509

Hole 87-34 - 0.084 ozs. PGM/10'

Section 510

Hole 86-26 - 0.088 ozs. PGM/40'

Section 511

Hole 86-18 - 0.070 ozs. PGM/60'

A section drawn through the Roby, Central and West Zones (Figure 6), indicates an average grade of 0.085 ozs. PGM/ton across a true width of 1100 feet.

Between Sections 505 and 512, and to a depth of 700 feet this would indicate 49,000,000 tons with an average grade of 0.085 ozs. PGM/ton. The northern extensions of the Central and West Zones remain to be drilled.

Diamond drilling of the Lac des Iles project was conducted by two contractors:

- (1) Ed Colbert
574395 Ontario Inc.
167 Lakeshore Lane
Timmins, Ontario
- (2) D and S Drilling
(Roger L. Dunge and J.E. Struthers)
137 Main Street
Kenora, Ontario

B. Trenching Programme

Approximately 935,000 cubic yards of trenching were completed over the Roby Zone to expose the ore and determine its limits for open pit production. The trenching also provided large bulk samples for metallurgical testing.

7. COST INCURRED

A total of \$4,857,498 was expended on the property during the period January 1, 1987 to December 31, 1987.

A breakdown of the apportioned cost accompanies the application for the Ontario Mineral Exploration Programme Grant.

H.A. Pearson
H.A. Pearson, P.Eng.



Drill Hole 35

Reference Number	Au oz.	Pt oz.	Pd oz.	Cu %	Ni %
350030	0.004	0.002	0.028	0.000	0.000
350040	0.005	0.003	0.034	0.000	0.000
350050	0.000	0.000	0.015	0.000	0.000
350060	0.015	0.010	0.161	0.000	0.000
350070	0.005	0.002	0.038	0.000	0.000
350080	0.004	0.000	0.024	0.000	0.000
350090	0.000	0.003	0.016	0.000	0.000
350100	0.000	0.002	0.023	0.000	0.000
350110	0.003	0.003	0.028	0.000	0.000
350120	0.004	0.004	0.045	0.000	0.000
350130	0.011	0.009	0.075	0.000	0.000
350140	0.008	0.017	0.072	0.000	0.000
350150	0.002	0.002	0.022	0.000	0.000
350160	0.000	0.000	0.007	0.003	0.013
350170	0.000	0.000	0.021	0.044	0.032
350180	0.002	0.000	0.037	0.072	0.052
350190	0.002	0.004	0.044	0.042	0.040
350197	0.002	0.002	0.054	0.040	0.080
350207	0.000	0.005	0.043	0.024	0.046
350217	0.003	0.000	0.014	0.038	0.030
350220	0.002	0.002	0.020	0.034	0.030
350230	0.000	0.000	0.011	0.038	0.030
350235	0.002	0.002	0.020	0.040	0.038

Reference Number PG oz.

350030	0.030
350040	0.037
350050	0.015
350060	0.171
350070	0.040
350080	0.024
350090	0.019
350100	0.025
350110	0.031
350120	0.049
350130	0.084
350140	0.089
350150	0.024
350160	0.007
350170	0.021
350180	0.037
350190	0.048
350197	0.056
350207	0.048
350217	0.014
350220	0.022
350230	0.011
350235	0.022

Drill Hole 36

Reference Number	Au oz.	Pt oz.	Pd oz.	Cu %	Ni %
360010	0.003	0.003	0.027	0.000	0.000
360020	0.002	0.003	0.030	0.000	0.000
360030	0.003	0.005	0.049	0.000	0.000
360040	0.006	0.006	0.085	0.000	0.000
360067	0.018	0.005	0.110	0.000	0.000
360080	0.004	0.003	0.048	0.000	0.000
360090	0.004	0.002	0.031	0.000	0.000
360100	0.003	0.000	0.018	0.000	0.000
360110	0.010	0.002	0.022	0.000	0.000
360120	0.007	0.000	0.019	0.000	0.000
360130	0.004	0.002	0.019	0.000	0.000
360150	0.002	0.003	0.028	0.000	0.000
360170	0.004	0.003	0.035	0.000	0.000
360180	0.012	0.009	0.094	0.000	0.000
360190	0.006	0.006	0.067	0.000	0.000
360200	0.003	0.000	0.017	0.000	0.000
360202	0.005	0.004	0.041	0.000	0.000
360230	0.005	0.006	0.040	0.000	0.000
360240	0.006	0.003	0.033	0.000	0.000
360250	0.004	0.003	0.062	0.000	0.000
360270	0.000	0.000	0.025	0.000	0.000
360280	0.002	0.002	0.027	0.000	0.000
360300	0.002	0.003	0.037	0.000	0.000
360310	0.000	0.000	0.009	0.000	0.000
360330	0.002	0.003	0.036	0.000	0.000
360340	0.003	0.000	0.020	0.000	0.000
360350	0.000	0.000	0.017	0.000	0.000
360360	0.000	0.002	0.028	0.000	0.000
360362	0.000	0.000	0.008	0.000	0.000
360380	0.003	0.003	0.038	0.000	0.000
360390	0.006	0.003	0.065	0.000	0.000
360400	0.013	0.003	0.068	0.000	0.000
360410	0.006	0.000	0.039	0.000	0.000
360420	0.004	0.003	0.058	0.000	0.000
360430	0.004	0.004	0.051	0.000	0.000
360440	0.005	0.008	0.080	0.000	0.000
360450	0.000	0.003	0.037	0.000	0.000
360460	0.002	0.002	0.041	0.000	0.000
360470	0.003	0.002	0.034	0.000	0.000
360480	0.003	0.004	0.036	0.000	0.000
360490	0.003	0.000	0.034	0.000	0.000
360500	0.005	0.002	0.029	0.000	0.000
360510	0.002	0.003	0.044	0.000	0.000
360530	0.003	0.002	0.022	0.000	0.000
360540	0.003	0.003	0.029	0.000	0.000
360550	0.006	0.002	0.018	0.000	0.000
360560	0.000	0.000	0.006	0.000	0.000
360560	0.002	0.002	0.017	0.000	0.000

Reference Number PG oz.

360010	0.030
360020	0.033
360030	0.054
360040	0.091
360067	0.115
360080	0.051
360090	0.033
360100	0.018
360110	0.024
360120	0.019
360130	0.021
360150	0.031
360170	0.038
360180	0.103
360190	0.073
360200	0.017
360202	0.045
360230	0.046
360240	0.036
360250	0.065
360270	0.025
360280	0.029
360300	0.040
360310	0.009
360330	0.039
360340	0.020
360350	0.017
360360	0.030
360362	0.008
360380	0.041
360390	0.068
360400	0.071
360410	0.039
360420	0.061
360430	0.055
360440	0.088
360450	0.040
360460	0.043
360470	0.036
360480	0.040
360490	0.034
360500	0.031
360510	0.047
360530	0.024
360540	0.032
360550	0.020
360560	0.006
360560	0.019

Reference Number	Au oz.	Pt oz.	Pd oz.	Cu %	Ni %
360570	0.000	0.003	0.027	0.000	0.000
360580	0.003	0.004	0.064	0.000	0.000
360590	0.003	0.000	0.015	0.000	0.000
360600	0.002	0.000	0.007	0.000	0.000
360610	0.000	0.000	0.007	0.000	0.000
360630	0.000	0.000	0.003	0.000	0.000
360640	0.003	0.003	0.028	0.000	0.000
360650	0.000	0.000	0.010	0.000	0.000
360660	0.000	0.000	0.010	0.000	0.000
360670	0.000	0.000	0.010	0.000	0.000
360680	0.000	0.000	0.004	0.000	0.000
360690	0.006	0.000	0.019	0.000	0.000
360700	0.002	0.000	0.025	0.000	0.000
360720	0.000	0.000	0.009	0.000	0.000
360730	0.000	0.000	0.016	0.000	0.000
360750	0.000	0.000	0.023	0.000	0.000
360770	0.000	0.000	0.005	0.000	0.000
360820	0.000	0.000	0.013	0.000	0.000
360820	0.000	0.000	0.007	0.000	0.000

Reference Number PG oz.

360570	0.030
360580	0.068
360590	0.015
360600	0.007
360610	0.007
360630	0.003
360640	0.031
360650	0.010
360660	0.010
360670	0.010
360680	0.004
360690	0.019
360700	0.025
360720	0.009
360730	0.016
360750	0.023
360770	0.005
360820	0.007
360820	0.013

Drill Hole 37

Reference Number	Au oz.	Pt oz.	Pd oz.	Cu %	Ni %
370030	0.013	0.003	0.013	0.000	0.000
370040	0.019	0.007	0.019	0.000	0.000
370050	0.006	0.003	0.071	0.000	0.000
370060	0.009	0.004	0.071	0.000	0.000
370070	0.008	0.003	0.054	0.000	0.000
370080	0.007	0.003	0.046	0.000	0.000
370090	0.009	0.003	0.050	0.000	0.000
370100	0.006	0.002	0.040	0.000	0.000
370110	0.009	0.002	0.040	0.000	0.000
370120	0.012	0.004	0.085	0.000	0.000
370130	0.015	0.005	0.076	0.000	0.000
370140	0.020	0.009	0.103	0.000	0.000
370150	0.013	0.003	0.046	0.000	0.000
370160	0.011	0.003	0.059	0.000	0.000
370170	0.004	0.000	0.040	0.000	0.000
370180	0.000	0.000	0.008	0.000	0.000
370190	0.000	0.000	0.005	0.000	0.000
370200	0.002	0.000	0.010	0.000	0.000
370210	0.000	0.000	0.007	0.000	0.000
370220	0.000	0.000	0.006	0.000	0.000
370230	0.000	0.000	0.002	0.000	0.000
370240	0.000	0.000	0.003	0.000	0.000
370250	0.000	0.000	0.004	0.000	0.000
370260	0.004	0.002	0.026	0.000	0.000
370270	0.006	0.003	0.083	0.000	0.000
370280	0.005	0.006	0.108	0.000	0.000
370290	0.006	0.004	0.106	0.000	0.000
370300	0.007	0.006	0.104	0.000	0.000
370310	0.003	0.002	0.053	0.000	0.000
370320	0.000	0.000	0.023	0.000	0.000
370330	0.007	0.003	0.050	0.000	0.000
370340	0.000	0.000	0.000	0.000	0.000
370350	0.000	0.000	0.000	0.000	0.000
370360	0.000	0.000	0.000	0.000	0.000
370370	0.000	0.000	0.000	0.000	0.000
370377	0.002	0.000	0.000	0.000	0.000
* 373514	0.000	0.000	0.000	0.000	0.000

* As per pg 99 of assays.

Reference Number PG oz.

370030	0.016
370040	0.026
370050	0.074
370060	0.075
370070	0.057
370080	0.049
370090	0.053
370100	0.042
370110	0.042
370120	0.089
370130	0.081
370140	0.112
370150	0.049
370160	0.062
370170	0.040
370180	0.008
370190	0.005
370200	0.010
370210	0.007
370220	0.006
370230	0.002
370240	0.003
370250	0.004
370260	0.028
370270	0.086
370280	0.114
370290	0.110
370300	0.110
370310	0.055
370320	0.023
370330	0.053
370340	0.000
370350	0.000
370360	0.000
370370	0.000
370377	0.000
373514	0.000

Drill Hole 38

Reference Number	Au oz.	Pt oz.	Pd oz.	Cu %	Ni %
380010	0.011	0.002	0.028	0.000	0.000
380020	0.006	0.003	0.019	0.000	0.000
380030	0.002	0.000	0.019	0.000	0.000
380040	0.003	0.000	0.014	0.000	0.000
380050	0.003	0.000	0.013	0.000	0.000
380060	0.000	0.000	0.000	0.114	0.092
380060	0.010	0.013	0.092	0.000	0.000
380070	0.003	0.006	0.030	0.000	0.000
380070	0.000	0.000	0.000	0.056	0.054
380080	0.000	0.000	0.000	0.009	0.136
380080	0.007	0.004	0.075	0.000	0.000
380090	0.000	0.000	0.000	0.202	0.190
380100	0.000	0.000	0.000	0.126	0.102
380100	0.005	0.015	0.094	0.000	0.000
380110	0.003	0.010	0.071	0.000	0.000
380110	0.000	0.000	0.000	0.052	0.056
380120	0.000	0.000	0.000	0.106	0.186
380120	0.004	0.006	0.071	0.000	0.000
380130	0.000	0.000	0.000	0.048	0.050
380130	0.003	0.008	0.044	0.000	0.000
380140	0.006	0.014	0.092	0.000	0.000
380140	0.000	0.000	0.000	0.084	0.098
380150	0.004	0.006	0.052	0.000	0.000
380160	0.004	0.004	0.051	0.000	0.000
380170	0.003	0.002	0.014	0.032	0.028
380180	0.003	0.002	0.027	0.056	0.072
380190	0.002	0.000	0.013	0.056	0.034
380200	0.003	0.000	0.019	0.056	0.044
380210	0.002	0.000	0.014	0.066	0.036
380220	0.000	0.000	0.010	0.034	0.034
380230	0.000	0.000	0.008	0.028	0.030
380240	0.000	0.000	0.029	0.036	0.048
380250	0.003	0.000	0.020	0.060	0.042
380260	0.003	0.000	0.020	0.068	0.052
380270	0.000	0.000	0.013	0.034	0.024
380280	0.003	0.000	0.013	0.050	0.046
380290	0.000	0.000	0.012	0.022	0.034
380300	0.000	0.000	0.010	0.052	0.050
380310	0.002	0.000	0.009	0.050	0.050
380320	0.000	0.000	0.006	0.034	0.030
380330	0.000	0.000	0.005	0.015	0.017
380340	0.000	0.000	0.004	0.005	0.011
380350	0.000	0.000	0.005	0.008	0.012
380360	0.000	0.000	0.005	0.009	0.016
380370	0.000	0.000	0.005	0.008	0.011
380380	0.000	0.000	0.005	0.007	0.013
380390	0.000	0.000	0.005	0.007	0.010
380400	0.000	0.000	0.004	0.006	0.010

Reference Number PG oz.

380010	0.030
380020	0.022
380030	0.019
380040	0.014
380050	0.013
380060	0.000
380060	0.105
380070	0.036
380070	0.000
380080	0.000
380080	0.079
380090	0.000
380100	0.000
380100	0.109
380110	0.081
380110	0.000
380120	0.000
380120	0.077
380130	0.000
380130	0.052
380140	0.106
380140	0.000
380150	0.058
380160	0.055
380170	0.016
380180	0.029
380190	0.013
380200	0.019
380210	0.014
380220	0.010
380230	0.008
380240	0.029
380250	0.020
380260	0.020
380270	0.013
380280	0.013
380290	0.012
380300	0.010
380310	0.009
380320	0.006
380330	0.005
380340	0.004
380350	0.005
380360	0.005
380370	0.005
380380	0.005
380390	0.005
380400	0.004

Reference Number	Au oz.	Pt oz.	Pd oz.	Cu %	Ni %
380410	0.000	0.000	0.004	0.005	0.009
380420	0.000	0.000	0.004	0.006	0.009
380430	0.000	0.000	0.003	0.005	0.009
380440	0.000	0.000	0.003	0.006	0.011
380450	0.000	0.000	0.003	0.007	0.009
380460	0.000	0.000	0.003	0.005	0.011
380470	0.000	0.000	0.003	0.006	0.012
380480	0.000	0.000	0.003	0.006	0.011
380490	0.000	0.000	0.003	0.006	0.012
380500	0.000	0.000	0.003	0.006	0.012
380510	0.000	0.000	0.003	0.006	0.010
380520	0.000	0.000	0.003	0.008	0.011
380530	0.000	0.000	0.004	0.006	0.012
380540	0.000	0.000	0.005	0.007	0.012
380550	0.000	0.000	0.006	0.005	0.012
380560	0.000	0.000	0.006	0.005	0.011
380570	0.000	0.000	0.006	0.005	0.011
380580	0.000	0.000	0.006	0.005	0.012
380590	0.000	0.000	0.006	0.009	0.012
380600	0.000	0.000	0.008	0.011	0.012
380610	0.000	0.000	0.007	0.007	0.010
380620	0.000	0.000	0.006	0.015	0.012
380630	0.000	0.000	0.000	0.007	0.038
380640	0.000	0.000	0.000	0.058	0.004
380650	0.000	0.000	0.000	0.066	0.074
380660	0.000	0.000	0.004	0.010	0.011
380670	0.000	0.000	0.012	0.013	0.015
380680	0.000	0.000	0.006	0.005	0.010
380690	0.000	0.000	0.007	0.006	0.011
380700	0.000	0.000	0.003	0.007	0.007
380710	0.000	0.000	0.000	0.004	0.002
380720	0.000	0.000	0.000	0.004	0.004
380730	0.000	0.000	0.000	0.005	0.004
380740	0.000	0.000	0.004	0.004	0.007
380750	0.000	0.000	0.004	0.003	0.009
380760	0.000	0.000	0.000	0.006	0.009
380770	0.000	0.000	0.004	0.006	0.009
380780	0.000	0.000	0.005	0.005	0.010
380786	0.000	0.000	0.005	0.005	0.008

Reference Number PG oz.

380410	0.004
380420	0.004
380430	0.003
380440	0.003
380450	0.003
380460	0.003
380470	0.003
380480	0.003
380490	0.003
380500	0.003
380510	0.003
380520	0.003
380530	0.004
380540	0.005
380550	0.006
380560	0.006
380570	0.006
380580	0.006
380590	0.006
380600	0.008
380610	0.007
380620	0.006
380630	0.000
380640	0.000
380650	0.000
380660	0.004
380670	0.012
380680	0.006
380690	0.007
380700	0.003
380710	0.000
380720	0.000
380730	0.000
380740	0.004
380750	0.004
380760	0.000
380770	0.004
380780	0.005
380786	0.005

Drill Hole 39

Reference Number	Au oz.	Pt oz.	Pd oz.	Cu %	Ni %
390030	0.003	0.000	0.030	0.000	0.000
390040	0.003	0.002	0.025	0.000	0.000
390050	0.006	0.004	0.072	0.000	0.000
390060	0.005	0.003	0.073	0.000	0.000
390070	0.002	0.004	0.021	0.000	0.000
390080	0.000	0.004	0.021	0.000	0.000
390090	0.004	0.000	0.026	0.000	0.000
390100	0.000	0.000	0.000	0.000	0.000
390110	0.003	0.000	0.002	0.000	0.000
390120	0.003	0.000	0.004	0.000	0.000
390130	0.017	0.003	0.054	0.000	0.000
390140	0.000	0.003	0.029	0.000	0.000
390150	0.002	0.002	0.032	0.000	0.000
390160	0.003	0.000	0.011	0.000	0.000
390170	0.007	0.004	0.077	0.000	0.000
390180	0.007	0.006	0.061	0.000	0.000
390190	0.013	0.003	0.056	0.000	0.000
390200	0.006	0.002	0.025	0.000	0.000
390210	0.002	0.002	0.034	0.000	0.000
390220	0.000	0.000	0.020	0.000	0.000
390230	0.000	0.000	0.020	0.021	0.019
390240	0.003	0.000	0.014	0.052	0.036
390250	0.003	0.000	0.022	0.056	0.042
390260	0.006	0.002	0.045	0.082	0.076
390270	0.022	0.006	0.127	0.240	0.015
390280	0.002	0.003	0.039	0.048	0.052
390290	0.002	0.002	0.036	0.046	0.038
390300	0.004	0.003	0.038	0.054	0.046
390310	0.003	0.002	0.024	0.050	0.040
390320	0.003	0.002	0.032	0.044	0.050
390330	0.003	0.004	0.025	0.000	0.000
390340	0.003	0.003	0.038	0.000	0.000
390350	0.002	0.002	0.018	0.000	0.000
390360	0.003	0.004	0.048	0.000	0.000
390370	0.003	0.002	0.037	0.000	0.000
390380	0.003	0.008	0.050	0.000	0.000
390380	0.000	0.000	0.000	0.050	0.048
390390	0.003	0.004	0.054	0.000	0.000
390390	0.000	0.000	0.000	0.056	0.054
390400	0.007	0.014	0.126	0.000	0.000
390400	0.000	0.000	0.000	0.092	0.084
390410	0.008	0.008	0.076	0.000	0.000
390420	0.002	0.007	0.026	0.000	0.000
390430	0.002	0.004	0.033	0.000	0.000
390440	0.003	0.004	0.034	0.000	0.000
390450	0.003	0.003	0.030	0.000	0.000
390460	0.002	0.000	0.021	0.000	0.000
390470	0.002	0.003	0.022	0.000	0.000

Reference Number PG oz.

390030	0.030
390040	0.027
390050	0.076
390060	0.076
390070	0.025
390080	0.025
390090	0.026
390100	0.000
390110	0.002
390120	0.004
390130	0.057
390140	0.032
390150	0.034
390160	0.011
390170	0.081
390180	0.067
390190	0.059
390200	0.027
390210	0.036
390220	0.020
390230	0.020
390240	0.014
390250	0.022
390260	0.047
390270	0.133
390280	0.042
390290	0.038
390300	0.041
390310	0.026
390320	0.034
390330	0.029
390340	0.041
390350	0.020
390360	0.052
390370	0.039
390380	0.058
390380	0.000
390390	0.058
390390	0.000
390400	0.140
390400	0.000
390410	0.084
390420	0.033
390430	0.037
390440	0.038
390450	0.033
390460	0.021
390470	0.025

Reference Number	Au oz.	Pt oz.	Pd oz.	Cu %	Ni %
390480	0.003	0.003	0.041	0.000	0.000
390490	0.002	0.003	0.040	0.048	0.044
390500	0.002	0.003	0.039	0.032	0.032
390510	0.002	0.003	0.049	0.064	0.072
390520	0.004	0.003	0.060	0.082	0.136
390530	0.003	0.003	0.042	0.050	0.082
390540	0.007	0.008	0.076	0.142	0.122
390550	0.004	0.011	0.057	0.072	0.052
390560	0.007	0.048	0.177	0.082	0.066
390570	0.003	0.003	0.027	0.046	0.042
390580	0.003	0.005	0.020	0.028	0.022
390590	0.010	0.003	0.025	0.078	0.046
390600	0.005	0.000	0.023	0.090	0.074
390610	0.004	0.004	0.043	0.102	0.098
390620	0.003	0.002	0.035	0.066	0.064
390630	0.000	0.000	0.011	0.030	0.022
390640	0.000	0.000	0.009	0.028	0.019
390650	0.000	0.000	0.013	0.018	0.022
390657	0.000	0.000	0.009	0.011	0.012
390667	0.003	0.000	0.927	0.054	0.034
390677	0.000	0.000	0.011	0.019	0.019
390687	0.002	0.000	0.023	0.048	0.040
390697	0.000	0.000	0.012	0.016	0.022
390700	0.002	0.002	0.040	0.042	0.062
390710	0.003	0.003	0.027	0.040	0.030
390720	0.000	0.000	0.005	0.010	0.005
390730	0.000	0.000	0.007	0.007	0.014
390735	0.000	0.000	0.008	0.005	0.015

Reference Number PG oz.

390480	0.044
390490	0.043
390500	0.042
390510	0.052
390520	0.063
390530	0.045
390540	0.084
390550	0.068
390560	0.225
390570	0.030
390580	0.025
390590	0.028
390600	0.023
390610	0.047
390620	0.037
390630	0.011
390640	0.009
390650	0.013
390657	0.009
390667	0.927
390677	0.011
390687	0.023
390697	0.012
390700	0.042
390710	0.030
390720	0.005
390730	0.007
390735	0.008

Drill Hole 40

Reference Number	Au oz.	Pt oz.	Pd oz.	Cu %	Ni %
400010	0.007	0.004	0.076	0.000	0.000
400020	0.007	0.003	0.041	0.000	0.000
400030	0.004	0.002	0.022	0.000	0.000
400040	0.002	0.000	0.015	0.000	0.000
400050	0.002	0.000	0.011	0.000	0.000
400060	0.006	0.003	0.041	0.000	0.000
400070	0.006	0.004	0.045	0.000	0.000
400080	0.008	0.004	0.049	0.000	0.000
400090	0.006	0.005	0.045	0.000	0.000
400100	0.012	0.008	0.078	0.000	0.000
400110	0.016	0.008	0.087	0.000	0.000
400120	0.003	0.003	0.026	0.000	0.000
400130	0.010	0.005	0.053	0.000	0.000
400140	0.008	0.005	0.046	0.000	0.000
400150	0.004	0.002	0.035	0.000	0.000
400180	0.010	0.005	0.047	0.000	0.000
400190	0.009	0.004	0.042	0.000	0.000
400200	0.005	0.003	0.030	0.000	0.000
400210	0.005	0.003	0.030	0.000	0.000
400220	0.002	0.000	0.013	0.000	0.000
400230	0.003	0.002	0.022	0.000	0.000
400240	0.002	0.002	0.021	0.000	0.000
400250	0.002	0.000	0.013	0.000	0.000
400260	0.003	0.002	0.027	0.000	0.000
400270	0.004	0.002	0.029	0.000	0.000
400280	0.003	0.002	0.023	0.000	0.000
400290	0.003	0.002	0.024	0.000	0.000
400300	0.003	0.002	0.021	0.000	0.000
400310	0.003	0.004	0.035	0.000	0.000
400320	0.003	0.002	0.024	0.000	0.000
400330	0.002	0.002	0.018	0.000	0.000
400340	0.004	0.003	0.033	0.000	0.000
400350	0.007	0.007	0.062	0.000	0.000
400360	0.022	0.004	0.049	0.000	0.000
400370	0.011	0.002	0.060	0.000	0.000
400380	0.013	0.004	0.076	0.000	0.000
400390	0.005	0.002	0.023	0.000	0.000
400400	0.005	0.002	0.042	0.000	0.000
400410	0.008	0.004	0.068	0.000	0.000
400420	0.008	0.004	0.051	0.000	0.000
400430	0.008	0.004	0.064	0.000	0.000
400440	0.012	0.003	0.062	0.000	0.000
400450	0.008	0.004	0.058	0.000	0.000
400460	0.005	0.004	0.045	0.000	0.000
400470	0.010	0.007	0.074	0.000	0.000
400480	0.006	0.004	0.061	0.000	0.000
400490	0.013	0.004	0.073	0.000	0.000
400500	0.005	0.003	0.045	0.000	0.000

Reference Number PG oz.

400010	0.080
400020	0.044
400030	0.024
400040	0.015
400050	0.011
400060	0.044
400070	0.049
400080	0.053
400090	0.050
400100	0.086
400110	0.095
400120	0.029
400130	0.058
400140	0.051
400150	0.037
400180	0.052
400190	0.046
400200	0.033
400210	0.033
400220	0.013
400230	0.024
400240	0.023
400250	0.013
400260	0.029
400270	0.031
400280	0.025
400290	0.026
400300	0.023
400310	0.039
400320	0.026
400330	0.020
400340	0.036
400350	0.069
400360	0.053
400370	0.062
400380	0.080
400390	0.025
400400	0.044
400410	0.072
400420	0.055
400430	0.068
400440	0.065
400450	0.062
400460	0.049
400470	0.081
400480	0.065
400490	0.077
400500	0.048

Reference Number	Au oz.	Pt oz.	Pd oz.	Cu %	Ni %
400507	0.006	0.004	0.059	0.000	0.000

Reference Number PG oz.

400507

0.063

Drill Hole 41

Reference Number	Au oz.	Pt oz.	Pd oz.	Cu %	Ni %
410020	0.002	0.009	0.107	0.000	0.000
410030	0.007	0.006	0.086	0.000	0.000
410040	0.002	0.000	0.038	0.000	0.000
410050	0.002	0.000	0.026	0.000	0.000
410060	0.020	0.005	0.043	0.000	0.000
410070	0.015	0.005	0.029	0.000	0.000
410080	0.010	0.003	0.044	0.000	0.000
410090	0.000	0.000	0.020	0.000	0.000
410100	0.003	0.000	0.022	0.000	0.000
410110	0.000	0.000	0.014	0.000	0.000
410120	0.000	0.000	0.015	0.000	0.000
410130	0.024	0.003	0.021	0.000	0.000
410140	0.014	0.003	0.036	0.000	0.000
410150	0.010	0.005	0.021	0.000	0.000
410160	0.013	0.005	0.036	0.000	0.000
410170	0.008	0.003	0.023	0.000	0.000
410180	0.003	0.000	0.012	0.000	0.000
410190	0.007	0.002	0.027	0.000	0.000
410200	0.006	0.000	0.012	0.000	0.000
410210	0.002	0.000	0.006	0.000	0.000
410220	0.003	0.000	0.022	0.000	0.000
410230	0.002	0.002	0.041	0.000	0.000
410240	0.000	0.000	0.013	0.000	0.000
410250	0.000	0.000	0.009	0.000	0.000
410260	0.000	0.000	0.003	0.000	0.000
410270	0.000	0.000	0.002	0.000	0.000
410280	0.000	0.000	0.003	0.000	0.000
410290	0.000	0.000	0.008	0.000	0.000
410300	0.000	0.000	0.004	0.000	0.000
410310	0.000	0.000	0.006	0.000	0.000
410320	0.008	0.003	0.022	0.000	0.000
410330	0.003	0.000	0.005	0.000	0.000
410340	0.002	0.000	0.004	0.000	0.000
410350	0.002	0.000	0.010	0.000	0.000
410360	0.000	0.000	0.009	0.000	0.000
410370	0.000	0.000	0.008	0.000	0.000
410380	0.003	0.000	0.007	0.000	0.000
410390	0.002	0.000	0.015	0.000	0.000
410400	0.005	0.002	0.021	0.000	0.000
410410	0.012	0.005	0.030	0.000	0.000
410420	0.003	0.000	0.011	0.000	0.000
410430	0.003	0.000	0.012	0.000	0.000
410440	0.002	0.000	0.006	0.000	0.000
410450	0.002	0.002	0.017	0.000	0.000
410460	0.003	0.003	0.019	0.000	0.000
410470	0.002	0.000	0.008	0.000	0.000
410480	0.007	0.002	0.015	0.000	0.000
410490	0.011	0.002	0.027	0.000	0.000

Reference Number PG oz.

410020	0.116
410030	0.092
410040	0.038
410050	0.026
410060	0.048
410070	0.034
410080	0.047
410090	0.020
410100	0.022
410110	0.014
410120	0.015
410130	0.024
410140	0.039
410150	0.026
410160	0.041
410170	0.026
410180	0.012
410190	0.029
410200	0.012
410210	0.006
410220	0.022
410230	0.043
410240	0.013
410250	0.009
410260	0.003
410270	0.002
410280	0.003
410290	0.008
410300	0.004
410310	0.006
410320	0.025
410330	0.005
410340	0.004
410350	0.010
410360	0.009
410370	0.008
410380	0.007
410390	0.015
410400	0.023
410410	0.035
410420	0.011
410430	0.012
410440	0.006
410450	0.019
410460	0.022
410470	0.008
410480	0.017
410490	0.029

Reference Number	Au oz.	Pt oz.	Pd oz.	Cu %	Ni %
410500	0.007	0.004	0.038	0.000	0.000
410510	0.004	0.006	0.053	0.000	0.000
410520	0.002	0.003	0.015	0.000	0.000
410530	0.000	0.002	0.013	0.000	0.000
410540	0.004	0.008	0.036	0.000	0.000
410550	0.006	0.006	0.026	0.000	0.000
410560	0.000	0.002	0.009	0.000	0.000
410570	0.000	0.002	0.007	0.000	0.000
410580	0.000	0.002	0.015	0.000	0.000
410590	0.000	0.002	0.016	0.000	0.000
410600	0.003	0.000	0.009	0.000	0.000
410610	0.002	0.000	0.007	0.000	0.000
410620	0.000	0.000	0.005	0.000	0.000
410627	0.000	0.000	0.007	0.000	0.000

Reference Number PG oz.

410500	0.042
410510	0.059
410520	0.018
410530	0.015
410540	0.044
410550	0.032
410560	0.011
410570	0.009
410580	0.017
410590	0.018
410600	0.009
410610	0.007
410620	0.005
410627	0.007

Drill Hole 42

Reference Number	Au oz.	Pt oz.	Pd oz.	Cu %	Ni %
420010	0.023	0.013	0.178	0.000	0.000
420020	0.006	0.012	0.116	0.000	0.000
420030	0.027	0.018	0.218	0.000	0.000
420040	0.017	0.019	0.209	0.000	0.000
420050	0.011	0.011	0.150	0.000	0.000
420060	0.013	0.013	0.172	0.000	0.000
420070	0.015	0.013	0.189	0.000	0.000
420080	0.007	0.006	0.080	0.000	0.000
420090	0.010	0.004	0.081	0.000	0.000
420100	0.014	0.007	0.069	0.000	0.000
420110	0.003	0.003	0.022	0.000	0.000
420120	0.010	0.005	0.048	0.000	0.000
420130	0.012	0.007	0.073	0.000	0.000
420140	0.003	0.003	0.018	0.000	0.000
420150	0.003	0.003	0.016	0.000	0.000
420160	0.003	0.008	0.047	0.000	0.000
420170	0.010	0.007	0.049	0.000	0.000
420180	0.014	0.007	0.050	0.000	0.000
420190	0.002	0.003	0.021	0.000	0.000
420200	0.000	0.000	0.015	0.000	0.000
420210	0.000	0.000	0.015	0.000	0.000
420230	0.004	0.004	0.043	0.000	0.000
420240	0.003	0.002	0.020	0.000	0.000
420250	0.002	0.000	0.009	0.000	0.000
420270	0.000	0.000	0.012	0.000	0.000
420280	0.003	0.002	0.021	0.000	0.000
420290	0.003	0.002	0.009	0.000	0.000
420300	0.000	0.000	0.013	0.000	0.000
420340	0.003	0.000	0.009	0.000	0.000
420350	0.008	0.003	0.019	0.000	0.000
420360	0.004	0.004	0.034	0.000	0.000
420370	0.003	0.004	0.032	0.000	0.000
420380	0.003	0.002	0.016	0.000	0.000
420390	0.005	0.002	0.013	0.000	0.000
420400	0.002	0.003	0.027	0.000	0.000
420410	0.004	0.000	0.025	0.000	0.000
420420	0.004	0.000	0.017	0.000	0.000
420430	0.003	0.000	0.009	0.000	0.000
420440	0.002	0.000	0.011	0.000	0.000
420450	0.004	0.000	0.013	0.000	0.000
420460	0.002	0.000	0.007	0.000	0.000
420470	0.003	0.000	0.009	0.000	0.000
420480	0.004	0.003	0.026	0.000	0.000
420490	0.003	0.002	0.018	0.000	0.000
420500	0.002	0.000	0.010	0.000	0.000
420510	0.004	0.000	0.016	0.000	0.000
420520	0.000	0.000	0.005	0.000	0.000
420530	0.000	0.000	0.005	0.000	0.000

Reference Number PG oz.

420010	0.191
420020	0.128
420030	0.236
420040	0.228
420050	0.161
420060	0.185
420070	0.202
420080	0.086
420090	0.085
420100	0.076
420110	0.025
420120	0.053
420130	0.080
420140	0.021
420150	0.019
420160	0.055
420170	0.056
420180	0.057
420190	0.024
420200	0.015
420210	0.015
420230	0.047
420240	0.022
420250	0.009
420270	0.012
420280	0.023
420290	0.011
420300	0.013
420340	0.009
420350	0.022
420360	0.038
420370	0.036
420380	0.018
420390	0.015
420400	0.030
420410	0.025
420420	0.017
420430	0.009
420440	0.011
420450	0.013
420460	0.007
420470	0.009
420480	0.029
420490	0.020
420500	0.010
420510	0.016
420520	0.005
420530	0.005

Reference Number	Au oz.	Pt oz.	Pd oz.	Cu %	Ni %
420540	0.003	0.000	0.011	0.000	0.000
420550	0.003	0.000	0.006	0.000	0.000
420560	0.000	0.000	0.002	0.000	0.000
420570	0.000	0.000	0.000	0.000	0.000
420580	0.000	0.000	0.000	0.000	0.000
420590	0.000	0.000	0.000	0.000	0.000
420600	0.002	0.000	0.002	0.000	0.000
420610	0.012	0.005	0.016	0.000	0.000
420620	0.004	0.000	0.006	0.000	0.000
420630	0.005	0.002	0.008	0.000	0.000
420640	0.003	0.002	0.017	0.000	0.000
420660	0.004	0.004	0.031	0.000	0.000
420682	0.000	0.000	0.011	0.000	0.000
420683	0.004	0.004	0.021	0.000	0.000
420689	0.002	0.003	0.016	0.000	0.000
420700	0.003	0.002	0.027	0.000	0.000
420710	0.000	0.000	0.012	0.000	0.000
420720	0.000	0.000	0.008	0.000	0.000
420730	0.000	0.000	0.010	0.000	0.000
420740	0.000	0.000	0.005	0.000	0.000
420750	0.000	0.000	0.006	0.000	0.000
420760	0.000	0.000	0.004	0.000	0.000
420770	0.000	0.000	0.005	0.000	0.000
420777	0.000	0.000	0.004	0.000	0.000

Reference Number PG oz.

420540	0.011
420550	0.006
420560	0.002
420570	0.000
420580	0.000
420590	0.000
420600	0.002
420610	0.021
420620	0.006
420630	0.010
420640	0.019
420660	0.035
420682	0.011
420683	0.025
420689	0.019
420700	0.029
420710	0.012
420720	0.008
420730	0.010
420740	0.005
420750	0.006
420760	0.004
420770	0.005
420777	0.004

Drill Hole 43

Reference Number	Au oz.	Pt oz.	Pd oz.	Cu %	Ni %
430020	0.023	0.027	0.245	0.000	0.000
430030	0.010	0.023	0.126	0.000	0.000
430040	0.007	0.004	0.054	0.000	0.000
430050	0.012	0.006	0.100	0.000	0.000
430060	0.011	0.016	0.091	0.000	0.000
430070	0.012	0.018	0.081	0.000	0.000
430080	0.007	0.002	0.064	0.000	0.000
430090	0.009	0.003	0.073	0.000	0.000
430100	0.019	0.019	0.152	0.000	0.000
430110	0.012	0.021	0.174	0.000	0.000
430120	0.013	0.008	0.211	0.000	0.000
430130	0.014	0.006	0.172	0.000	0.000
430140	0.011	0.017	0.145	0.000	0.000
430150	0.014	0.016	0.114	0.000	0.000
430160	0.005	0.008	0.049	0.000	0.000
430170	0.003	0.003	0.039	0.000	0.000
430180	0.008	0.006	0.103	0.000	0.000
430190	0.010	0.017	0.105	0.000	0.000
430200	0.015	0.020	0.142	0.000	0.000
430210	0.013	0.017	0.121	0.000	0.000
430230	0.014	0.004	0.102	0.000	0.000
430240	0.008	0.002	0.071	0.000	0.000
430260	0.007	0.004	0.066	0.000	0.000
430270	0.004	0.002	0.041	0.000	0.000
430280	0.010	0.004	0.065	0.000	0.000
430300	0.007	0.002	0.046	0.000	0.000
430310	0.003	0.000	0.041	0.000	0.000
430320	0.002	0.000	0.023	0.000	0.000
430330	0.005	0.002	0.045	0.000	0.000
430340	0.002	0.000	0.022	0.000	0.000
430350	0.009	0.003	0.045	0.000	0.000
430360	0.004	0.004	0.041	0.000	0.000
430380	0.005	0.002	0.024	0.000	0.000
430390	0.009	0.006	0.039	0.000	0.000
430400	0.002	0.004	0.035	0.000	0.000
430410	0.000	0.000	0.016	0.000	0.000
430420	0.002	0.000	0.018	0.000	0.000
430430	0.002	0.003	0.023	0.000	0.000
430440	0.002	0.002	0.023	0.000	0.000
430450	0.000	0.000	0.012	0.000	0.000
430460	0.000	0.000	0.014	0.000	0.000
430470	0.003	0.002	0.020	0.000	0.000
430480	0.000	0.000	0.016	0.000	0.000
430490	0.005	0.005	0.045	0.000	0.000
430500	0.006	0.004	0.043	0.000	0.000
430510	0.006	0.000	0.019	0.000	0.000
430520	0.007	0.003	0.063	0.000	0.000
430520	0.004	0.000	0.015	0.000	0.000

Reference Number PG oz.

430020	0.272
430030	0.149
430040	0.058
430050	0.106
430060	0.107
430070	0.099
430080	0.066
430090	0.076
430100	0.171
430110	0.195
430120	0.219
430130	0.178
430140	0.162
430150	0.130
430160	0.057
430170	0.042
430180	0.109
430190	0.122
430200	0.162
430210	0.138
430230	0.106
430240	0.073
430260	0.070
430270	0.043
430280	0.069
430300	0.048
430310	0.041
430320	0.023
430330	0.047
430340	0.022
430350	0.048
430360	0.045
430380	0.026
430390	0.045
430400	0.039
430410	0.016
430420	0.018
430430	0.026
430440	0.025
430450	0.012
430460	0.014
430470	0.022
430480	0.016
430490	0.050
430500	0.047
430510	0.019
430520	0.066
430520	0.015

Reference Number	Au oz.	Pt oz.	Pd oz.	Cu %	Ni %
430523	0.000	0.000	0.006	0.000	0.000

Reference Number PG oz.

430523

0.006

Drill Hole 44

Reference Number	Au oz.	Pt oz.	Pd oz.	Cu %	Ni %
440020	0.000	0.000	0.000	0.011	0.003
440030	0.000	0.000	0.000	0.005	0.003
440036	0.000	0.000	0.000	0.005	0.003
440046	0.000	0.000	0.000	0.011	0.006
440054	0.000	0.000	0.004	0.009	0.011
440064	0.003	0.000	0.015	0.034	0.032
440072	0.003	0.000	0.028	0.034	0.032
440080	0.002	0.000	0.004	0.048	0.038
440090	0.002	0.000	0.003	0.011	0.008
440099	0.002	0.000	0.019	0.032	0.030
440109	0.000	0.000	0.002	0.010	0.009
440120	0.000	0.000	0.000	0.008	0.005
440130	0.000	0.000	0.000	0.006	0.004
440135	0.000	0.000	0.000	0.004	0.003
440140	0.000	0.000	0.014	0.000	0.000
440150	0.004	0.004	0.038	0.000	0.000
440160	0.003	0.000	0.013	0.000	0.000
440170	0.006	0.009	0.090	0.000	0.000
440180	0.002	0.006	0.053	0.000	0.000
440190	0.005	0.005	0.055	0.000	0.000
440200	0.003	0.003	0.031	0.000	0.000
440210	0.008	0.003	0.038	0.000	0.000
440220	0.003	0.002	0.028	0.000	0.000
440230	0.000	0.002	0.033	0.000	0.000
440240	0.002	0.003	0.031	0.000	0.000
440250	0.002	0.002	0.025	0.000	0.000
440260	0.003	0.009	0.079	0.000	0.000
440270	0.000	0.003	0.023	0.000	0.000
440280	0.002	0.002	0.017	0.000	0.000
440290	0.006	0.004	0.047	0.000	0.000
440300	0.003	0.003	0.027	0.000	0.000
440310	0.002	0.000	0.015	0.000	0.000
440320	0.002	0.000	0.028	0.000	0.000
440330	0.000	0.000	0.009	0.000	0.000
440340	0.000	0.000	0.006	0.000	0.000
440350	0.005	0.000	0.015	0.000	0.000
440360	0.002	0.000	0.008	0.000	0.000
440370	0.000	0.000	0.003	0.000	0.000
440380	0.000	0.000	0.014	0.000	0.000
440390	0.002	0.000	0.014	0.000	0.000
440400	0.004	0.002	0.039	0.000	0.000
440410	0.004	0.004	0.050	0.000	0.000
440420	0.003	0.004	0.022	0.000	0.000
440430	0.000	0.000	0.016	0.000	0.000
440440	0.000	0.000	0.006	0.000	0.000
440450	0.000	0.000	0.008	0.000	0.000
440460	0.000	0.000	0.015	0.000	0.000
440470	0.002	0.000	0.013	0.000	0.000

Reference Number PG oz.

440020	0.000
440030	0.000
440036	0.000
440046	0.000
440054	0.004
440064	0.015
440072	0.028
440080	0.004
440090	0.003
440099	0.019
440109	0.002
440120	0.000
440130	0.000
440135	0.000
440140	0.014
440150	0.042
440160	0.013
440170	0.099
440180	0.059
440190	0.060
440200	0.034
440210	0.041
440220	0.030
440230	0.035
440240	0.034
440250	0.027
440260	0.088
440270	0.026
440280	0.019
440290	0.051
440300	0.030
440310	0.015
440320	0.028
440330	0.009
440340	0.006
440350	0.015
440360	0.008
440370	0.003
440380	0.014
440390	0.014
440400	0.041
440410	0.054
440420	0.026
440430	0.016
440440	0.006
440450	0.008
440460	0.015
440470	0.013

Reference Number	Au oz.	Pt oz.	Pd oz.	Cu %	Ni %
440480	0.000	0.000	0.012	0.000	0.000
440490	0.000	0.000	0.005	0.000	0.000
440500	0.000	0.000	0.007	0.000	0.000
440510	0.000	0.000	0.013	0.000	0.000
440520	0.000	0.000	0.008	0.000	0.000
440530	0.000	0.000	0.009	0.000	0.000
440540	0.000	0.000	0.007	0.000	0.000
440550	0.002	0.000	0.007	0.000	0.000
440560	0.000	0.000	0.005	0.000	0.000
440570	0.002	0.000	0.017	0.000	0.000
440580	0.000	0.000	0.007	0.000	0.000
440590	0.000	0.000	0.007	0.000	0.000
440600	0.000	0.000	0.009	0.000	0.000
440604	0.000	0.000	0.004	0.000	0.000

Reference Number PG oz.

440480	0.012
440490	0.005
440500	0.007
440510	0.013
440520	0.008
440530	0.009
440540	0.007
440550	0.007
440560	0.005
440570	0.017
440580	0.007
440590	0.007
440600	0.009
440640	0.004

Drill Hole 45

Reference Number	Au oz.	Pt oz.	Pd oz.	Cu %	Ni %
450040	0.004	0.002	0.037	0.000	0.000
450050	0.004	0.002	0.028	0.000	0.000
450060	0.006	0.003	0.045	0.000	0.000
450070	0.017	0.013	0.214	0.000	0.000
450080	0.019	0.010	0.162	0.000	0.000
450090	0.006	0.004	0.053	0.000	0.000
450100	0.004	0.002	0.036	0.000	0.000
450110	0.005	0.003	0.039	0.000	0.000
450120	0.004	0.002	0.026	0.000	0.000
450130	0.003	0.003	0.024	0.000	0.000
450140	0.006	0.003	0.035	0.000	0.000
450150	0.007	0.003	0.042	0.000	0.000
450160	0.007	0.003	0.048	0.000	0.000
450170	0.004	0.003	0.038	0.000	0.000
450180	0.003	0.003	0.027	0.000	0.000
450190	0.003	0.002	0.021	0.000	0.000
450200	0.006	0.003	0.031	0.000	0.000
450210	0.007	0.003	0.068	0.000	0.000
450220	0.010	0.004	0.068	0.000	0.000
450230	0.009	0.003	0.049	0.000	0.000
450240	0.004	0.000	0.054	0.000	0.000
450250	0.000	0.000	0.029	0.000	0.000
450260	0.003	0.000	0.035	0.000	0.000
450270	0.000	0.000	0.018	0.000	0.000
450280	0.004	0.000	0.039	0.000	0.000
450290	0.010	0.003	0.083	0.000	0.000
450300	0.005	0.003	0.042	0.000	0.000
450310	0.025	0.004	0.062	0.000	0.000
450320	0.007	0.007	0.055	0.000	0.000
450330	0.006	0.003	0.026	0.000	0.000
450340	0.004	0.005	0.031	0.000	0.000
450350	0.004	0.005	0.050	0.000	0.000
450360	0.002	0.000	0.028	0.000	0.000
450370	0.003	0.000	0.026	0.000	0.000
450380	0.000	0.000	0.004	0.000	0.000
450390	0.004	0.000	0.029	0.000	0.000
450400	0.004	0.000	0.015	0.000	0.000
450410	0.000	0.000	0.007	0.000	0.000
450420	0.000	0.003	0.028	0.000	0.000
450430	0.002	0.000	0.023	0.000	0.000
450440	0.003	0.002	0.028	0.000	0.000
450450	0.002	0.002	0.024	0.000	0.000
450460	0.002	0.002	0.028	0.000	0.000
450470	0.012	0.011	0.166	0.000	0.000
450480	0.002	0.000	0.023	0.000	0.000
450490	0.000	0.000	0.018	0.000	0.000
450500	0.002	0.000	0.016	0.000	0.000
450510	0.002	0.000	0.018	0.000	0.000

Reference Number PG oz.

450040	0.039
450050	0.030
450060	0.048
450070	0.227
450080	0.172
450090	0.057
450100	0.038
450110	0.042
450120	0.028
450130	0.027
450140	0.038
450150	0.045
450160	0.051
450170	0.041
450180	0.030
450190	0.023
450200	0.034
450210	0.071
450220	0.072
450230	0.052
450240	0.054
450250	0.029
450260	0.035
450270	0.018
450280	0.039
450290	0.086 ✓
450300	0.045
450310	0.066 ✓
450320	0.062
450330	0.029
450340	0.036
450350	0.055
450360	0.028
450370	0.026
450380	0.004
450390	0.029
450400	0.015
450410	0.007
450420	0.031
450430	0.023
450440	0.030
450450	0.026
450460	0.030
450470	0.177
450480	0.023
450490	0.018
450500	0.016
450510	0.018

Reference Number	Au oz.	Pt oz.	Pd oz.	Cu %	Ni %
450520	0.002	0.002	0.015	0.000	0.000
450530	0.002	0.003	0.019	0.000	0.000
450540	0.006	0.003	0.023	0.000	0.000
450550	0.002	0.000	0.013	0.000	0.000
450560	0.000	0.000	0.000	0.000	0.000
450570	0.000	0.000	0.000	0.000	0.000
450580	0.000	0.000	0.002	0.000	0.000
450590	0.002	0.002	0.015	0.000	0.000
450600	0.004	0.004	0.069	0.000	0.000
450610	0.002	0.004	0.049	0.000	0.000
450620	0.002	0.003	0.026	0.000	0.000
450630	0.000	0.000	0.014	0.000	0.000
450640	0.000	0.002	0.029	0.000	0.000
450650	0.000	0.002	0.029	0.000	0.000
450660	0.003	0.000	0.027	0.000	0.000
450670	0.000	0.002	0.031	0.000	0.000
450680	0.004	0.012	0.068	0.000	0.000
450690	0.000	0.000	0.003	0.000	0.000
450700	0.008	0.008	0.124	0.000	0.000
450708	0.004	0.005	0.047	0.000	0.000

Reference Number PG oz.

450520	0.017
450530	0.022
450540	0.026
450550	0.013
450560	0.000
450570	0.000
450580	0.002
450590	0.017
450600	0.073
450610	0.053
450620	0.029
450630	0.014
450640	0.031
450650	0.031
450660	0.027
450670	0.033
450680	0.080
450690	0.003
450700	0.132
450708	0.052

Drill Hole 46

Reference Number	Au oz.	Pt oz.	Pd oz.	Cu %	Ni %
460040	0.002	0.000	0.030	0.000	0.000
460050	0.000	0.005	0.042	0.000	0.000
460060	0.002	0.002	0.045	0.000	0.000
460070	0.000	0.004	0.028	0.000	0.000
460080	0.012	0.005	0.052	0.000	0.000
460090	0.004	0.003	0.053	0.000	0.000
460100	0.004	0.002	0.046	0.000	0.000
460110	0.003	0.004	0.057	0.000	0.000
460110	0.002	0.003	0.032	0.000	0.000
460120	0.000	0.003	0.028	0.000	0.000
460130	0.002	0.005	0.034	0.000	0.000
460130	0.005	0.004	0.060	0.000	0.000
460140	0.000	0.004	0.029	0.000	0.000
460150	0.005	0.006	0.056	0.000	0.000
460156	0.000	0.000	0.004	0.000	0.000
460160	0.004	0.008	0.060	0.000	0.000
460170	0.002	0.003	0.021	0.000	0.000
460180	0.003	0.007	0.048	0.000	0.000
460190	0.003	0.003	0.035	0.000	0.000
460200	0.005	0.000	0.013	0.000	0.000
460210	0.003	0.000	0.008	0.000	0.000
460220	0.002	0.003	0.047	0.000	0.000
460220	0.007	0.003	0.046	0.000	0.000
460230	0.002	0.000	0.010	0.000	0.000
460240	0.005	0.010	0.037	0.000	0.000
460250	0.025	0.007	0.088	0.000	0.000
460250	0.002	0.004	0.039	0.000	0.000
460260	0.003	0.016	0.023	0.000	0.000
460270	0.002	0.003	0.039	0.000	0.000
460280	0.003	0.006	0.038	0.000	0.000
460310	0.002	0.000	0.017	0.000	0.000
460330	0.000	0.000	0.025	0.000	0.000
460340	0.000	0.000	0.004	0.000	0.000
460350	0.006	0.002	0.039	0.000	0.000
460360	0.000	0.000	0.008	0.000	0.000
460370	0.002	0.003	0.019	0.000	0.000
460370	0.003	0.003	0.028	0.000	0.000
460390	0.004	0.002	0.022	0.000	0.000
460390	0.003	0.003	0.034	0.000	0.000
460396	0.003	0.003	0.025	0.000	0.000
460400	0.005	0.006	0.042	0.000	0.000
460410	0.011	0.004	0.030	0.000	0.000
460420	0.003	0.004	0.034	0.000	0.000
460430	0.003	0.002	0.017	0.000	0.000
460440	0.003	0.003	0.026	0.000	0.000
460450	0.004	0.003	0.021	0.000	0.000
460460	0.002	0.000	0.023	0.000	0.000
460470	0.000	0.000	0.007	0.000	0.000

Reference Number PG oz.

460040	0.030
460050	0.047
460060	0.047
460070	0.032
460080	0.057
460090	0.056
460100	0.048
460110	0.061
460110	0.035
460120	0.031
460130	0.039
460130	0.064
460140	0.033
460150	0.062
460156	0.004
460160	0.068
460170	0.024
460180	0.055
460190	0.038
460200	0.013
460210	0.008
460220	0.050
460220	0.049
460230	0.010
460240	0.047
460250 ²	0.095
460250 ³	0.043
460260	0.039
460270	0.042
460280	0.044
460310	0.017
460330	0.025
460340	0.004
460350	0.041
460360	0.008
460370	0.022
460370	0.031
460390	0.024
460390	0.037
460396	0.028
460400	0.048
460410	0.034
460420	0.038
460430	0.019
460440	0.029
460450	0.024
460460	0.023
460470	0.007

Reference Number	Au oz.	Pt oz.	Pd oz.	Cu %	Ni %
460480	0.003	0.000	0.017	0.000	0.000
460490	0.002	0.000	0.025	0.000	0.000
460510	0.000	0.000	0.003	0.000	0.000
460520	0.000	0.000	0.008	0.000	0.000
460530	0.000	0.000	0.005	0.000	0.000
460540	0.000	0.000	0.002	0.000	0.000
460550	0.000	0.000	0.017	0.000	0.000
460560	0.000	0.000	0.008	0.000	0.000
460560	0.002	0.000	0.005	0.000	0.000
460570	0.011	0.003	0.081	0.000	0.000
460580	0.000	0.000	0.013	0.000	0.000
460590	0.000	0.000	0.021	0.000	0.000
460600	0.000	0.000	0.011	0.000	0.000
460610	0.000	0.004	0.018	0.000	0.000
460620	0.000	0.000	0.010	0.000	0.000
460630	0.003	0.002	0.021	0.000	0.000
460640	0.004	0.003	0.019	0.000	0.000
460650	0.000	0.000	0.007	0.000	0.000
460658	0.000	0.000	0.009	0.000	0.000
460690	0.000	0.000	0.010	0.000	0.000
460699	0.000	0.000	0.006	0.000	0.000
460700	0.004	0.000	0.026	0.000	0.000

Reference Number PG oz.

460480	0.017
460490	0.025
460510	0.003
460520	0.008
460530	0.005
460540	0.002
460550	0.017
460560	0.008
460560	0.005
460570	0.084
460580	0.013
460590	0.021
460600	0.011
460610	0.022
460620	0.010
460630	0.023
460640	0.022
460650	0.007
460658	0.009
460690	0.010
460699	0.006
460700	0.026

Drill Hole 48

Reference Number	Au oz.	Pt oz.	Pd oz.	Cu %	Ni %
480020	0.005	0.006	0.041	0.000	0.000
480030	0.003	0.003	0.038	0.000	0.000
480040	0.002	0.005	0.045	0.000	0.000
480050	0.002	0.002	0.019	0.000	0.000
480060	0.019	0.010	0.128	0.000	0.000
480070	0.009	0.004	0.077	0.000	0.000
480080	0.003	0.002	0.027	0.000	0.000
480090	0.004	0.003	0.039	0.000	0.000
480100	0.002	0.003	0.039	0.000	0.000
480110	0.005	0.006	0.053	0.000	0.000
480120	0.003	0.005	0.038	0.000	0.000
480130	0.003	0.004	0.037	0.000	0.000
480140	0.004	0.003	0.041	0.000	0.000
480150	0.003	0.002	0.035	0.000	0.000
480160	0.003	0.002	0.021	0.000	0.000
480170	0.002	0.003	0.031	0.000	0.000
480180	0.002	0.002	0.015	0.000	0.000
480190	0.006	0.003	0.029	0.000	0.000
480200	0.002	0.004	0.051	0.000	0.000
480210	0.003	0.000	0.017	0.000	0.000
480220	0.005	0.002	0.035	0.000	0.000
480230	0.003	0.000	0.012	0.000	0.000
480240	0.008	0.003	0.060	0.000	0.000
480250	0.008	0.005	0.068	0.000	0.000
480260	0.004	0.002	0.036	0.000	0.000
480270	0.004	0.002	0.016	0.000	0.000
480280	0.002	0.002	0.016	0.000	0.000
480290	0.003	0.002	0.023	0.000	0.000
480300	0.002	0.004	0.040	0.000	0.000
480310	0.002	0.002	0.030	0.000	0.000
480320	0.004	0.002	0.032	0.000	0.000
480330	0.000	0.002	0.014	0.000	0.000
480340	0.002	0.002	0.012	0.000	0.000
480350	0.003	0.002	0.015	0.000	0.000
480360	0.000	0.000	0.012	0.000	0.000
480370	0.000	0.000	0.013	0.000	0.000
480380	0.000	0.000	0.005	0.000	0.000
480390	0.000	0.000	0.006	0.000	0.000
480400	0.000	0.000	0.016	0.000	0.000
480410	0.000	0.002	0.018	0.000	0.000
480430	0.000	0.002	0.024	0.000	0.000
480440	0.000	0.002	0.023	0.000	0.000
480450	0.000	0.000	0.018	0.000	0.000
480460	0.000	0.000	0.016	0.000	0.000
480470	0.002	0.003	0.031	0.000	0.000
480480	0.000	0.002	0.018	0.000	0.000
480490	0.000	0.003	0.030	0.000	0.000
480500	0.004	0.003	0.040	0.000	0.000

Reference Number PG oz.

480020	0.047
480030	0.041
480040	0.050
480050	0.021
480060	0.138
480070	0.081
480080	0.029
480090	0.042
480100	0.042
480110	0.059
480120	0.043
480130	0.041
480140	0.044
480150	0.037
480160	0.023
480170	0.034
480180	0.017
480190	0.032
480200	0.055
480210	0.017
480220	0.037
480230	0.012
480240	0.063
480250	0.073
480260	0.038
480270	0.018
480280	0.018
480290	0.025
480300	0.044
480310	0.032
480320	0.034
480330	0.016
480340	0.014
480350	0.017
480360	0.012
480370	0.013
480380	0.005
480390	0.006
480400	0.016
480410	0.020
480430	0.026
480440	0.025
480450	0.018
480460	0.016
480470	0.034
480480	0.020
480490	0.033
480500	0.043

Reference Number	Au oz.	Pt oz.	Pd oz.	Cu %	Ni %
480510	0.000	0.000	0.017	0.000	0.000
480520	0.000	0.000	0.011	0.000	0.000
480530	0.000	0.000	0.013	0.000	0.000
480540	0.000	0.000	0.008	0.000	0.000
480550	0.000	0.000	0.010	0.000	0.000
480560	0.002	0.000	0.011	0.000	0.000
480570	0.000	0.000	0.008	0.000	0.000
480580	0.000	0.000	0.016	0.000	0.000
480590	0.000	0.000	0.008	0.000	0.000
480600	0.000	0.000	0.009	0.000	0.000
480610	0.000	0.000	0.009	0.000	0.000
480620	0.000	0.000	0.004	0.000	0.000
480630	0.000	0.000	0.003	0.000	0.000
480640	0.010	0.000	0.008	0.000	0.000
480650	0.000	0.000	0.000	0.000	0.000
480653	0.000	0.000	0.000	0.000	0.000

Reference Number PG oz.

480510	0.017
480520	0.011
480530	0.013
480540	0.008
480550	0.010
480560	0.011
480570	0.008
480580	0.016
480590	0.008
480600	0.009
480610	0.009
480620	0.004
480630	0.003
480640	0.008
480650	0.000
480653	0.000

Drill Hole 49

Reference Number	Au oz.	Pt oz.	Pd oz.	Cu %	Ni %
490020	0.004	0.000	0.032	0.046	0.026
490030	0.010	0.004	0.074	0.104	0.072
490040	0.009	0.004	0.070	0.108	0.064
490050	0.004	0.002	0.033	0.054	0.034
490060	0.002	0.000	0.012	0.024	0.015
490070	0.000	0.000	0.006	0.010	0.010
490080	0.003	0.000	0.028	0.034	0.024
490090	0.005	0.003	0.059	0.066	0.044
490100	0.002	0.002	0.038	0.034	0.022
490110	0.002	0.002	0.038	0.028	0.014
490120	0.003	0.003	0.049	0.044	0.032
490130	0.004	0.004	0.056	0.052	0.034
490140	0.005	0.004	0.058	0.058	0.044
490150	0.003	0.003	0.029	0.020	0.019
490160	0.002	0.000	0.007	0.017	0.010
490170	0.002	0.003	0.053	0.028	0.024
490180	0.003	0.002	0.048	0.048	0.032
490190	0.000	0.000	0.000	0.012	0.005
490200	0.000	0.000	0.000	0.007	0.006
490210	0.000	0.000	0.000	0.007	0.006
490220	0.003	0.002	0.023	0.041	0.026
490230	0.009	0.007	0.085	0.105	0.009
490240	0.005	0.006	0.046	0.068	0.049
490250	0.002	0.003	0.018	0.016	0.014
490260	0.002	0.003	0.018	0.015	0.013
490270	0.014	0.005	0.087	0.140	0.095
490280	0.005	0.004	0.046	0.070	0.060
490290	0.003	0.003	0.025	0.057	0.043
490300	0.000	0.000	0.014	0.019	0.019
490310	0.000	0.002	0.020	0.021	0.022
490320	0.003	0.002	0.029	0.043	0.038
490330	0.004	0.002	0.017	0.062	0.050
490340	0.002	0.000	0.009	0.041	0.032
490350	0.003	0.002	0.023	0.043	0.040
490360	0.006	0.002	0.048	0.090	0.065
490370	0.004	0.002	0.032	0.040	0.040
490380	0.006	0.005	0.078	0.111	0.116
490390	0.005	0.002	0.054	0.078	0.073
490400	0.006	0.003	0.045	0.103	0.065
490410	0.008	0.004	0.055	0.095	0.078
490420	0.002	0.002	0.027	0.036	0.040
490430	0.003	0.000	0.025	0.042	0.048
490440	0.003	0.000	0.016	0.034	0.036
490450	0.003	0.000	0.018	0.044	0.044
490460	0.006	0.002	0.019	0.060	0.040
490470	0.006	0.004	0.039	0.064	0.054
490480	0.005	0.005	0.046	0.052	0.046
490490	0.003	0.003	0.029	0.032	0.034

Reference Number PG oz.

490020	0.032
490030	0.078
490040	0.074
490050	0.035
490060	0.012
490070	0.006
490080	0.028
490090	0.062
490100	0.040
490110	0.040
490120	0.052
490130	0.060
490140	0.062
490150	0.032
490160	0.007
490170	0.056
490180	0.050
490190	0.000
490200	0.000
490210	0.000
490220	0.025
490230	0.092
490240	0.052
490250	0.021
490260	0.021
490270	0.092
490280	0.050
490290	0.028
490300	0.014
490310	0.022
490320	0.031
490330	0.019
490340	0.009
490350	0.025
490360	0.050
490370	0.034
490380	0.083
490390	0.056
490400	0.048
490410	0.059
490420	0.029
490430	0.025
490440	0.016
490450	0.018
490460	0.021
490470	0.043
490480	0.051
490490	0.032

0.076
20
20-40

0.046
100
30-180

0.055
60
270-280

0.055
60
350-410

Reference Number	Au oz.	Pt oz.	Pd oz.	Cu %	Ni %
490500	0.006	0.004	0.038	0.062	0.050
490510	0.006	0.009	0.059	0.074	0.046
490520	0.007	0.007	0.044	0.078	0.058
490530	0.005	0.009	0.079	0.158	0.156
490540	0.003	0.004	0.043	0.054	0.060
490550	0.002	0.011	0.062	0.048	0.066
490560	0.005	0.005	0.054	0.066	0.094
490570	0.006	0.002	0.043	0.074	0.068
490580	0.008	0.002	0.053	0.082	0.058
490590	0.003	0.002	0.026	0.056	0.052
490600	0.005	0.002	0.042	0.054	0.058
490610	0.002	0.002	0.032	0.020	0.026
490620	0.002	0.003	0.047	0.062	0.098
490630	0.002	0.002	0.026	0.028	0.028
490640	0.000	0.000	0.002	0.011	0.005
490650	0.003	0.000	0.019	0.028	0.032
490660	0.003	0.003	0.033	0.046	0.044
490670	0.003	0.004	0.030	0.048	0.052
490680	0.005	0.002	0.021	0.056	0.036
490690	0.006	0.003	0.059	0.062	0.076
490700	0.008	0.004	0.056	0.114	0.118
490710	0.004	0.003	0.024	0.052	0.048
490720	0.003	0.004	0.030	0.028	0.036
490730	0.007	0.002	0.057	0.116	0.084
490740	0.003	0.002	0.022	0.040	0.034
490750	0.003	0.000	0.026	0.038	0.036
490760	0.002	0.000	0.015	0.028	0.022
490770	0.004	0.000	0.014	0.034	0.028
490780	0.003	0.000	0.014	0.036	0.034
490790	0.003	0.000	0.021	0.042	0.034
490800	0.004	0.004	0.027	0.032	0.032
490810	0.005	0.005	0.041	0.042	0.042
490820	0.002	0.003	0.020	0.020	0.021
490830	0.003	0.004	0.023	0.030	0.028
490840	0.002	0.000	0.017	0.036	0.038
490850	0.003	0.002	0.016	0.030	0.034
490860	0.004	0.003	0.024	0.062	0.050
490870	0.006	0.003	0.031	0.068	0.056
490880	0.004	0.004	0.027	0.060	0.048
490890	0.002	0.000	0.008	0.176	0.016
490900	0.000	0.000	0.000	0.007	0.004
490910	0.000	0.000	0.008	0.017	0.012
490920	0.000	0.000	0.000	0.008	0.004
490930	0.000	0.000	0.003	0.030	0.009
490940	0.003	0.005	0.048	0.096	0.140
490950	0.002	0.003	0.029	0.048	0.050
490960	0.002	0.003	0.023	0.026	0.030
490970	0.002	0.002	0.025	0.040	0.034
490980	0.000	0.000	0.016	0.036	0.040
490990	0.002	0.003	0.029	0.028	0.030
491000	0.000	0.000	0.000	0.002	0.002

Reference Number PG oz.

490500	0.042
490510	0.068
490520	0.051
490530	0.088
490540	0.047
490550	0.073
490560	0.059
490570	0.045
490580	0.055
490590	0.028
490600	0.044
490610	0.034
490620	0.050
490630	0.028
490640	0.002
490650	0.019
490660	0.036
490670	0.034
490680	0.023
490690	0.062
490700	0.060
490710	0.027
490720	0.034
490730	0.059
490740	0.024
490750	0.026
490760	0.015
490770	0.014
490780	0.014
490790	0.021
490800	0.031
490810	0.046
490820	0.023
490830	0.027
490840	0.017
490850	0.018
490860	0.027
490870	0.034
490880	0.031
490890	0.008
490900	0.000
490910	0.008
490920	0.000
490930	0.003
490940	0.053
490950	0.032
490960	0.026
490970	0.027
490980	0.016
490990	0.032
491000	0.000

$\frac{0.051}{160}$ 460-620

$\frac{0.048}{50}$ 680-730

Reference Number	Au oz.	Pt oz.	Pd oz.	Cu %	Ni %
491010	0.000	0.000	0.003	0.004	0.005
491020	0.000	0.002	0.010	0.016	0.018
491030	0.000	0.002	0.012	0.018	0.020
491040	0.000	0.002	0.011	0.008	0.019
491050	0.000	0.002	0.013	0.008	0.018
491060	0.000	0.002	0.025	0.014	0.020
491070	0.002	0.003	0.024	0.022	0.028
491080	0.000	0.000	0.012	0.020	0.026
491090	0.000	0.000	0.010	0.015	0.013
491100	0.000	0.000	0.009	0.010	0.012
491110	0.000	0.000	0.004	0.010	0.008
491120	0.000	0.000	0.000	0.005	0.003
491130	0.000	0.000	0.000	0.006	0.005
491140	0.000	0.000	0.000	0.005	0.004
491150	0.000	0.000	0.000	0.004	0.005
491160	0.000	0.000	0.000	0.006	0.003
491170	0.000	0.000	0.000	0.013	0.003
491180	0.000	0.000	0.000	0.005	0.004
491190	0.000	0.000	0.000	0.008	0.005
491200	0.000	0.000	0.005	0.018	0.009
491207	0.000	0.000	0.004	0.011	0.007

Reference Number PG oz.

491010	0.003
491020	0.012
491030	0.014
491040	0.013
491050	0.015
491060	0.027
491070	0.027
491080	0.012
491090	0.010
491100	0.009
491110	0.004
491120	0.000
491130	0.000
491140	0.000
491150	0.000
491160	0.000
491170	0.000
491180	0.000
491190	0.000
491200	0.005
491207	0.004

Drill Hole 50

Reference Number	Au oz.	Pt oz.	Pd oz.	Cu %	Ni %
500030	0.003	0.002	0.021	0.036	0.024
500040	0.005	0.006	0.067	0.042	0.038
500050	0.003	0.003	0.020	0.042	0.028
500060	0.007	0.004	0.045	0.098	0.064
500070	0.013	0.002	0.029	0.076	0.064
500080	0.008	0.004	0.038	0.104	0.092
500090	0.013	0.004	0.065	0.138	0.090
500100	0.006	0.003	0.033	0.086	0.058
500110	0.013	0.002	0.028	0.076	0.058
500120	0.006	0.002	0.032	0.092	0.078
500130	0.005	0.002	0.026	0.072	0.054
500140	0.005	0.002	0.020	0.084	0.060
500150	0.005	0.002	0.013	0.088	0.066
500160	0.003	0.002	0.011	0.080	0.058
500170	0.002	0.000	0.012	0.052	0.034
500180	0.002	0.000	0.009	0.046	0.034
500190	0.005	0.002	0.020	0.088	0.060
500200	0.004	0.002	0.014	0.058	0.044
500210	0.003	0.002	0.020	0.048	0.036
500220	0.004	0.003	0.027	0.062	0.042
500230	0.003	0.004	0.043	0.040	0.034
500240	0.009	0.004	0.043	0.156	0.094
500250	0.000	0.000	0.018	0.028	0.026
500260	0.000	0.000	0.020	0.024	0.030
500270	0.002	0.002	0.020	0.034	0.028
500280	0.003	0.002	0.028	0.058	0.052
500290	0.005	0.004	0.040	0.092	0.058
500300	0.002	0.002	0.025	0.038	0.034
500310	0.006	0.006	0.054	0.102	0.082
500320	0.002	0.003	0.027	0.042	0.036
500330	0.006	0.007	0.066	0.132	0.098
500340	0.004	0.005	0.050	0.068	0.068
500350	0.008	0.004	0.060	0.156	0.108
500360	0.006	0.003	0.037	0.082	0.076
500370	0.004	0.005	0.046	0.076	0.068
500380	0.005	0.003	0.045	0.066	0.062
500390	0.004	0.002	0.031	0.056	0.050
500400	0.005	0.004	0.048	0.064	0.048
500410	0.006	0.004	0.042	0.080	0.064
500420	0.004	0.004	0.051	0.070	0.060
500430	0.004	0.003	0.046	0.068	0.064
500440	0.004	0.003	0.033	0.062	0.044
500450	0.000	0.000	0.035	0.026	0.040
500460	0.000	0.000	0.003	0.068	0.005
500470	0.000	0.000	0.013	0.006	0.015
500480	0.000	0.000	0.000	0.006	0.006
500490	0.000	0.000	0.000	0.007	0.004
500500	0.000	0.000	0.000	0.005	0.003

Reference Number PG oz.

500030	0.023
500040	0.073
500050	0.023
500060	0.049
500070	0.031
500080	0.042
500090	0.069
500100	0.036
500110	0.030
500120	0.034
500130	0.028
500140	0.022
500150	0.015
500160	0.013
500170	0.012
500180	0.009
500190	0.022
500200	0.016
500210	0.022
500220	0.030
500230	0.047
500240	0.047
500250	0.018
500260	0.020
500270	0.022
500280	0.030
500290	0.044
500300	0.027
500310	0.060
500320	0.030
500330	0.073
500340	0.055
500350	0.064
500360	0.040
500370	0.051
500380	0.048
500390	0.033
500400	0.052
500410	0.046
500420	0.055
500430	0.049
500440	0.036
500450	0.035
500460	0.003
500470	0.013
500480	0.000
500490	0.000
500500	0.000

$\frac{0.48}{60}$ 30-90

$\frac{0.47}{20}$ 220-240

$\frac{0.50}{120}$ 300-430

Reference Number	Au oz.	Pt oz.	Pd oz.	Cu %	Ni %
500510	0.000	0.000	0.000	0.007	0.004
500520	0.000	0.000	0.003	0.038	0.008
500530	0.000	0.000	0.005	0.014	0.011
500540	0.000	0.000	0.016	0.030	0.020
500550	0.000	0.000	0.018	0.026	0.030
500560	0.000	0.000	0.021	0.028	0.042
500570	0.000	0.000	0.037	0.048	0.038
500580	0.002	0.002	0.041	0.068	0.052
500590	0.003	0.002	0.032	0.054	0.038
500600	0.003	0.008	0.056	0.052	0.036
500610	0.005	0.003	0.050	0.106	0.076
500620	0.002	0.000	0.017	0.048	0.036
500630	0.002	0.002	0.025	0.038	0.028
500640	0.005	0.002	0.028	0.086	0.050
500650	0.003	0.003	0.019	0.072	0.042
500660	0.003	0.000	0.028	0.090	0.052
500670	0.003	0.002	0.043	0.086	0.064
500680	0.004	0.002	0.028	0.066	0.048
500690	0.002	0.000	0.009	0.044	0.026
500700	0.004	0.003	0.036	0.078	0.064
500710	0.000	0.000	0.016	0.034	0.030
500720	0.004	0.005	0.045	0.068	0.068
500730	0.002	0.003	0.026	0.032	0.032
500740	0.003	0.004	0.021	0.042	0.036
500750	0.005	0.004	0.032	0.070	0.048
500760	0.006	0.004	0.047	0.140	0.100
500770	0.004	0.004	0.029	0.064	0.050
500780	0.002	0.000	0.014	0.034	0.030
500790	0.005	0.004	0.029	0.110	0.076
500800	0.006	0.006	0.035	0.132	0.088
500810	0.002	0.003	0.031	0.064	0.050
500820	0.002	0.003	0.023	0.042	0.044
500830	0.000	0.000	0.014	0.028	0.030
500840	0.002	0.000	0.012	0.024	0.024
500850	0.000	0.000	0.012	0.016	0.024
500860	0.000	0.000	0.015	0.017	0.028
500870	0.000	0.002	0.016	0.026	0.026
500880	0.000	0.002	0.022	0.030	0.036
500890	0.000	0.005	0.033	0.021	0.024
500900	0.000	0.000	0.012	0.012	0.011
500910	0.000	0.000	0.012	0.024	0.026
500920	0.000	0.002	0.026	0.038	0.032
500930	0.002	0.002	0.031	0.036	0.028
500940	0.000	0.000	0.017	0.050	0.050
500950	0.000	0.000	0.008	0.009	0.012
500960	0.000	0.000	0.014	0.026	0.017
500970	0.000	0.000	0.005	0.010	0.007
500980	0.000	0.000	0.007	0.044	0.026
500990	0.002	0.000	0.028	0.054	0.054
501100	0.000	0.000	0.000	0.016	0.015
501110	0.000	0.000	0.000	0.022	0.018

Reference Number PG oz.

500510	0.000
500520	0.003
500530	0.005
500540	0.016
500550	0.018
500560	0.021
500570	0.037
500580	0.043
500590	0.034
500600	0.064
500610	0.053
500620	0.017
500630	0.027
500640	0.030
500650	0.022
500660	0.028
500670	0.045
500680	0.030
500690	0.009
500700	0.039
500710	0.016
500720	0.050
500730	0.029
500740	0.025
500750	0.036
500760	0.051
500770	0.033
500780	0.014
500790	0.033
500800	0.041
500810	0.034
500820	0.026
500830	0.014
500840	0.012
500850	0.012
500860	0.015
500870	0.018
500880	0.024
500890	0.038
500900	0.012
500910	0.012
500920	0.028
500930	0.033
500940	0.017
500950	0.008
500960	0.014
500970	0.005
500980	0.007
500990	0.028
501100	0.000
501110	0.000

$\frac{.046}{50'}$

560-610

Reference Number	Au oz.	Pt oz.	Pd oz.	Cu %	Ni %
501120	0.000	0.000	0.000	0.018	0.013
501130	0.000	0.000	0.000	0.005	0.005
501140	0.000	0.000	0.000	0.003	0.005
501150	0.000	0.000	0.000	0.015	0.008
501160	0.000	0.000	0.000	0.015	0.011
501170	0.000	0.000	0.000	0.024	0.015
501180	0.000	0.000	0.000	0.006	0.004
501190	0.000	0.000	0.000	0.009	0.003

Reference Number PG oz.

501120	0.000
501130	0.000
501140	0.000
501150	0.000
501160	0.000
501170	0.000
501180	0.000
501190	0.000

Drill Hole 51

Reference Number	Au oz.	Pt oz.	Pd oz.	Cu %	Ni %
510010	0.002	0.000	0.007	0.032	0.040
510020	0.000	0.000	0.004	0.028	0.028
510030	0.000	0.000	0.016	0.028	0.030
510040	0.000	0.000	0.004	0.008	0.009
510050	0.003	0.000	0.016	0.008	0.040
510060	0.003	0.000	0.007	0.007	0.036
510070	0.003	0.000	0.005	0.005	0.016
510080	0.009	0.002	0.039	0.013	0.054
510090	0.005	0.000	0.024	0.066	0.026
510100	0.002	0.000	0.005	0.054	0.022
510110	0.000	0.000	0.002	0.016	0.008
510120	0.000	0.000	0.000	0.018	0.008
510130	0.000	0.000	0.003	0.028	0.013
510140	0.002	0.000	0.004	0.056	0.002
510150	0.003	0.000	0.007	0.086	0.044
510160	0.004	0.000	0.009	0.106	0.048
510170	0.004	0.000	0.007	0.098	0.036
510180	0.005	0.000	0.010	0.160	0.068
510190	0.003	0.000	0.006	0.118	0.058
510200	0.005	0.000	0.017	0.206	0.108
510210	0.004	0.000	0.016	0.174	0.108
510220	0.000	0.000	0.004	0.054	0.028
510230	0.000	0.000	0.000	0.020	0.008
510240	0.000	0.000	0.002	0.042	0.010
510250	0.003	0.000	0.006	0.086	0.040
510260	0.005	0.000	0.011	0.220	0.116
510270	0.005	0.000	0.009	0.162	0.070
510280	0.004	0.000	0.012	0.182	0.080
510290	0.002	0.000	0.005	0.048	0.024
510300	0.000	0.000	0.000	0.007	0.011
510310	0.000	0.000	0.000	0.002	0.015
510320	0.000	0.000	0.000	0.002	0.008
510330	0.000	0.000	0.000	0.002	0.011
510340	0.000	0.000	0.000	0.004	0.007
510350	0.000	0.000	0.007	0.086	0.052
510360	0.000	0.000	0.002	0.009	0.018
510370	0.000	0.000	0.003	0.005	0.006
510380	0.000	0.000	0.009	0.007	0.026
510390	0.000	0.000	0.008	0.012	0.012
510400	0.000	0.000	0.004	0.004	0.008
510410	0.000	0.000	0.000	0.002	0.007
510420	0.000	0.000	0.003	0.003	0.009
510430	0.000	0.000	0.003	0.006	0.012
510440	0.000	0.000	0.000	0.002	0.009
510450	0.000	0.000	0.000	0.004	0.009
510460	0.000	0.000	0.003	0.014	0.011
510470	0.000	0.000	0.000	0.006	0.006
510480	0.000	0.000	0.000	0.010	0.005

Reference Number PG oz.

510010	0.007
510020	0.004
510030	0.016
510040	0.004
510050	0.016
510060	0.007
510070	0.005
510080	0.041
510090	0.024
510100	0.005
510110	0.002
510120	0.000
510130	0.003
510140	0.004
510150	0.007
510160	0.009
510170	0.007
510180	0.010
510190	0.006
510200	0.017
510210	0.016
510220	0.004
510230	0.000
510240	0.002
510250	0.006
510260	0.011
510270	0.009
510280	0.012
510290	0.005
510300	0.000
510310	0.000
510320	0.000
510330	0.000
510340	0.000
510350	0.007
510360	0.002
510370	0.003
510380	0.009
510390	0.008
510400	0.004
510410	0.000
510420	0.003
510430	0.003
510440	0.000
510450	0.000
510460	0.003
510470	0.000
510480	0.000

Reference Number	Au oz.	Pt oz.	Pd oz.	Cu %	Ni %
510490	0.000	0.000	0.000	0.015	0.004
510500	0.000	0.000	0.000	0.012	0.003
510510	0.000	0.000	0.000	0.026	0.004
510520	0.000	0.000	0.000	0.012	0.004
510530	0.000	0.000	0.000	0.011	0.004
510540	0.000	0.000	0.000	0.008	0.003
510550	0.000	0.000	0.000	0.013	0.003
510560	0.000	0.000	0.000	0.006	0.003
510570	0.000	0.000	0.000	0.006	0.003
510580	0.000	0.000	0.000	0.006	0.003
510590	0.000	0.000	0.000	0.006	0.004
510600	0.000	0.000	0.000	0.007	0.004
510610	0.000	0.000	0.000	0.006	0.004
510620	0.000	0.000	0.000	0.008	0.004
510630	0.000	0.000	0.000	0.007	0.003
510640	0.000	0.000	0.000	0.007	0.004
510660	0.000	0.000	0.000	0.008	0.005
510660	0.000	0.000	0.000	0.009	0.005
510670	0.000	0.000	0.000	0.011	0.005
510690	0.000	0.000	0.000	0.015	0.005
510700	0.000	0.000	0.000	0.019	0.007
510710	0.000	0.000	0.000	0.010	0.006
510720	0.000	0.000	0.000	0.012	0.006
510730	0.000	0.000	0.003	0.020	0.012
510740	0.000	0.000	0.000	0.012	0.006
510750	0.000	0.000	0.000	0.015	0.006
510760	0.000	0.000	0.000	0.015	0.009
510770	0.000	0.000	0.006	0.004	0.019
510780	0.000	0.000	0.004	0.022	0.015
510790	0.000	0.000	0.011	0.019	0.013
510800	0.000	0.000	0.005	0.024	0.017
510810	0.000	0.000	0.009	0.046	0.018
510820	0.000	0.000	0.002	0.008	0.005
510830	0.000	0.000	0.000	0.007	0.004
510840	0.000	0.000	0.000	0.012	0.006
510850	0.000	0.000	0.000	0.010	0.006
510860	0.000	0.000	0.000	0.008	0.006
510870	0.000	0.000	0.000	0.007	0.005

Reference Number PG oz.

510490	0.000
510500	0.000
510510	0.000
510520	0.000
510530	0.000
510540	0.000
510550	0.000
510560	0.000
510570	0.000
510580	0.000
510590	0.000
510600	0.000
510610	0.000
510620	0.000
510630	0.000
510640	0.000
510660	0.000
510660	0.000
510670	0.000
510690	0.000
510700	0.000
510710	0.000
510720	0.000
510730	0.003
510740	0.000
510750	0.000
510760	0.000
510770	0.006
510780	0.004
510790	0.011
510800	0.005
510810	0.009
510820	0.002
510830	0.000
510840	0.000
510850	0.000
510860	0.000
510870	0.000

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BELL-WHITE ANALYTICAL LABORATORIES LTD.

P.O. BOX 187,

HAILEYBURY, ONTARIO

TEL: 672-3107

Certificate of Analysis

NO. 0136

DATE: January 14, 1987

SAMPLE(S) OF: Core (29)

RECEIVED: January 1987

SAMPLE(S) FROM: Mr. T. Sanders, Boston Bay Mines Ltd.

<u>Sample No.</u>	<u>Oz. Gold</u>	<u>Pt oz.</u>	<u>Pd oz.</u>
30-104	0.002	Trace	0.012
5	Trace	Trace	0.021
6	Trace	Trace	Trace
7	Trace	Trace	0.002
8	0.002	Trace	0.005
9	Trace	Trace	0.004
30-110	0.003	0.002	0.073
30-1107	Trace	Trace	0.060
31-076	Trace	Trace	0.005
7	Trace	Trace	0.004
8	Trace	Trace	Trace
9	Trace	Trace	0.007
31-080	0.005	0.003	0.032
1	Trace	Trace	0.033
2	Trace	Trace	0.008
3	Trace	Trace	0.005
4	0.002	Trace	0.004
5	0.002	0.002	0.040
6	0.002	0.003	0.083
7	Trace	Trace	0.013
8	0.003	0.003	0.175
9	0.002	0.004	0.155
31-090	0.005	0.007	0.247
1	0.004	0.006	0.149
2	0.008	0.007	0.231
3	0.008	0.005	0.101
4	0.011	0.002	0.015
5	0.008	0.002	0.019
31-314	0.002		

IN ACCORDANCE WITH LONG-ESTABLISHED NORTH AMERICAN CUSTOM, UNLESS IT IS SPECIFICALLY STATED OTHERWISE GOLD AND SILVER VALUES REPORTED ON THESE SHEETS HAVE NOT BEEN ADJUSTED TO COMPENSATE FOR LOSSES AND GAINS INHERENT IN THE FIRE ASSAY PROCESS.

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JAN 19 1987

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P.O. BOX 187,

HAILEYBURY, ONTARIO

TEL: 672-3107

Certificate of Analysis

NO. 0139

DATE: January 14, 1987

SAMPLE(S) OF: Core (17)

RECEIVED: January 1987

SAMPLE(S) FROM: Boston Bay Mines Ltd.

Sample No.	Au oz.	Pt oz.	Pd oz.	Cu %	Ni %
30-090	0.003	Trace	0.020	0.072	0.026
1	0.004	Trace	0.037	0.024	0.016
2	0.002	Trace	0.012	0.013	0.099
3	0.014	0.003	0.133	0.058	0.032
4	0.004	Trace	0.048	0.024	0.018
5	0.009**	0.006**	0.287**	0.034	0.030
6	0.018**	0.019**	0.498**	0.026	0.036
7	0.016**	0.011**	0.448**	0.012	0.020
8	0.007**	0.009**	0.282**	0.019	0.023
9	0.009	Trace	0.047	0.028	0.022
30-100	0.014	Trace	0.090	0.114	0.112
1	0.006	Trace	0.008	0.032	0.032
2	0.007	0.009	0.087	0.070	0.066
3	0.002	Trace	0.006	0.006	0.015
30-0877	0.004	Trace	0.007	0.188	0.060
30-0884	0.004	Trace	0.005	0.106	0.036
30-0890	0.003	Trace	0.003	0.044	0.020

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IN ACCORDANCE WITH LONG-ESTABLISHED NORTH AMERICAN CUSTOM, UNLESS IT IS SPECIFICALLY STATED OTHERWISE GOLD AND SILVER VALUES REPORTED ON THESE SHEETS HAVE NOT BEEN ADJUSTED TO COMPENSATE FOR LOSSES AND GAINS INHERENT IN THE FIRE ASSAY PROCESS.

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P.O. BOX 187,

HAILEYBURY, ONTARIO

TEL: 672-3107

Certificate of Analysis

JAN 26 1987

Page 1 of 2

NO. 0182

DATE: January 20, 1987

SAMPLE(S) OF: Core (52)

RECEIVED: January 1987

SAMPLE(S) FROM: Boston Bay Mines Ltd.

<u>Sample No.</u>	<u>Au oz.</u>	<u>Pt oz.</u>	<u>Pd oz.</u>
28-003	0.003	0.002	0.013
4	Trace	Trace	0.008
5	Trace	Trace	0.006
6	Trace	Trace	0.006
7	Trace	Trace	0.007
8	Trace	Trace	0.010
9	Trace	Trace	0.003
28-010	Trace	Trace	0.010
1	0.003	0.003	0.021
2	Trace	Trace	0.002
31-096	0.003	Trace	0.007
7	0.004	Trace	0.004
8	0.003	Trace	0.008
9	Trace	Trace	0.004
31-100	0.002	Trace	0.017
1	0.002	Trace	0.032
2	Trace	Trace	0.019
3	Trace	Trace	0.006
4	Trace	Trace	0.009
5	Trace	Trace	0.005
6	Trace	Trace	0.021
7	Trace	Trace	0.059
8	Trace	Trace	0.006
9	Trace	Trace	0.004
31-110	Trace	Trace	0.004
1	Trace	Trace	0.019

IN ACCORDANCE WITH LONG-ESTABLISHED NORTH AMERICAN CUSTOM, UNLESS IT IS SPECIFICALLY STATED OTHERWISE GOLD AND SILVER VALUES REPORTED ON THESE SHEETS HAVE NOT BEEN ADJUSTED TO COMPENSATE FOR LOSSES AND GAINS INHERENT IN THE FIRE ASSAY PROCESS.

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P.O. BOX 187.

HAILEYBURY, ONTARIO

TEL: 672-3107

Certificate of Analysis

Page 2 of 2

NO. 0182

DATE: January 20, 1987

SAMPLE(S) OF: Core (52)

RECEIVED: January 1987

SAMPLE(S) FROM: Boston Bay Mines Ltd.

<u>Sample No.</u>	<u>Au oz.</u>	<u>Pt oz.</u>	<u>Pd oz.</u>
31-112	Trace	Trace	0.015
3	Trace	Trace	0.004
4	Trace	Trace	0.017
5	0.011	Trace	0.005
6	Trace	Trace	Trace
7	0.003	Trace	0.011
8	0.005	0.003	0.015
9	0.002	Trace	0.006
31-1197	Trace	Trace	0.004
33-004	0.004	0.004	0.053
5	0.007	0.004	0.050
6	0.002	Trace	0.021
7	0.012	0.008	0.082
8	0.004	0.007	0.043
9	0.003	0.004	0.030
33-010	0.005	0.002	0.016
1	Trace	Trace	0.014
2	0.002	Trace	0.017
3	Trace	Trace	0.009
4	0.003	Trace	0.023
5	0.004	Trace	0.028
6	0.002	0.002	0.015
7	Trace	Trace	0.011
8	Trace	Trace	0.008
9	0.002	Trace	0.010
33-020	Trace	Trace	0.006

IN ACCORDANCE WITH LONG-ESTABLISHED NORTH AMERICAN CUSTOM, UNLESS IT IS SPECIFICALLY STATED OTHERWISE GOLD AND SILVER VALUES REPORTED ON THESE SHEETS HAVE NOT BEEN ADJUSTED TO COMPENSATE FOR LOSSES AND GAINS INHERENT IN THE FIRE ASSAY PROCESS.

BELL-WHITE ANALYTICAL LABORATORIES LTD.

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P.O. BOX 187,

HAILEYBURY, ONTARIO

TEL: 672-3107

JAN 26 1987

Certificate of Analysis

NO. 0208

DATE: January 22, 1987

SAMPLE(S) OF: Core (37)

RECEIVED: January 1987

SAMPLE(S) FROM: Mr. Todd Sanders, Boston Bay Mines Ltd.

<u>Sample No.</u>	<u>Au oz.</u>	<u>Pt oz.</u>	<u>Pd oz.</u>
28-013	Trace	Trace	0.002
4	Trace	Trace	0.002
5	0.002	Trace	0.009
6	Trace	Trace	Trace
7	Trace	Trace	Trace
8	Trace	Trace	Trace
9	Trace	Trace	0.003
28-020	Trace	Trace	0.018
1	0.003	0.002	0.013
2	0.002	Trace	0.006
3	Trace	Trace	0.005
4	0.002	Trace	0.011
5	Trace	Trace	0.006
6	Trace	Trace	0.008
7	Trace	Trace	0.009
8	Trace	Trace	0.012
9	Trace	Trace	0.007
28-030	Trace	Trace	0.007
1	Trace	Trace	0.002
2	Trace	Trace	Trace
3	Trace	Trace	0.002
34-011	0.002	0.010	0.074
2	Trace	0.004	0.027
3	Trace	Trace	0.014
4	0.004	0.003	0.029
5	Trace	Trace	0.005
6	0.002	0.002	0.021
7	Trace	Trace	0.010
8	0.003	0.002	0.022
9	0.002	Trace	0.019
34-020	0.004	Trace	0.018
1	0.004	0.002	0.041
2	Trace	Trace	0.038
3	0.003	0.002	0.036
4	0.006	Trace	0.029
5	Trace	Trace	0.009
6	0.007	0.006	0.056

IN ACCORDANCE WITH LONG-ESTABLISHED NORTH AMERICAN CUSTOM, UNLESS IT IS SPECIFICALLY STATED OTHERWISE GOLD AND SILVER VALUES REPORTED ON THESE SHEETS HAVE NOT BEEN ADJUSTED TO COMPENSATE FOR LOSSES AND GAINS INHERENT IN THE FIRE ASSAY PROCESS.

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P.O. BOX 187,

HAILEYBURY, ONTARIO

TEL: 672-3107

Certificate of Analysis

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NO. 0210

DATE: January 22, 1987

SAMPLE(S) OF: Core (46)

RECEIVED: January 1987

SAMPLE(S) FROM: Mr. Todd Sanders, Boston Bay Mines Ltd.

<u>Sample No.</u>	<u>Au oz.</u>	<u>Pt oz.</u>	<u>Pd oz.</u>
25-040	Trace	Trace	0.007
1	0.005	Trace	0.026
2	0.007	0.002	0.056
3	0.008	0.003	0.068
4	0.002	Trace	0.017
5	0.005	Trace	0.034
6	0.004	Trace	0.021
7	0.007	0.002	0.027
8	0.012	0.002	0.039
9	0.006	Trace	0.007
25-050	0.002	Trace	0.007
1	0.005	0.002	0.038
2	0.005	0.002	0.041
3	0.004	Trace	0.017
4	0.004	0.002	0.037
5	0.004	0.007	0.055
6	0.003	0.003	0.045
7	0.004	0.003	0.032
8	0.004	0.004	0.058
9	0.006	0.005	0.059
25-060	0.004	0.005	0.041
1	0.003	0.003	0.025
2	0.003	0.002	0.023

IN ACCORDANCE WITH LONG-ESTABLISHED NORTH AMERICAN CUSTOM, UNLESS IT IS SPECIFICALLY STATED OTHERWISE GOLD AND SILVER VALUES REPORTED ON THESE SHEETS HAVE NOT BEEN ADJUSTED TO COMPENSATE FOR LOSSES AND GAINS INHERENT IN THE FIRE ASSAY PROCESS.

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TEL: 672-3107

Certificate of Analysis

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NO. 0210

DATE: January 22, 1987

SAMPLE(S) OF: Core (46)

RECEIVED: January 1987

SAMPLE(S) FROM: Mr. Todd Sanders, Boston Bay Mines Ltd.

<u>Sample No.</u>	<u>Au oz.</u>	<u>Pt oz.</u>	<u>Pd oz.</u>
25-079	0.004	0.002	0.030
25-080	0.005	0.002	0.030
1	0.013	0.002	0.048
2	0.012	0.002	0.051
3	0.004	0.002	0.033
4	0.002	0.002	0.022
5	0.004	0.003	0.042
6	0.007	0.002	0.053
7	0.007	0.004	0.058
8	0.008	0.002	0.050
25-090	0.006	0.005	0.028
1	0.004	0.003	0.036
2	0.005	0.002	0.024
3	0.007	0.003	0.056
4	0.007	0.004	0.061
5	0.009	0.006	0.080
6	0.010	0.005	0.067
7	0.006	0.005	0.074
8A	0.008	0.012	0.090
8B	0.007	0.008	0.071
25-100	0.006	0.008	0.077
1	0.007	0.004	0.058
25-890	0.004	0.003	0.056

IN ACCORDANCE WITH LONG-ESTABLISHED NORTH AMERICAN CUSTOM, UNLESS IT IS SPECIFICALLY STATED OTHERWISE GOLD AND SILVER VALUES REPORTED ON THESE SHEETS HAVE NOT BEEN ADJUSTED TO COMPENSATE FOR LOSSES AND GAINS INHERENT IN THE FIRE ASSAY PROCESS.

BELL-WHITE ANALYTICAL LABORATORIES LTD.

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P.O. BOX 187,

HAILEYBURY, ONTARIO

TEL: 672-3107

Certificate of Analysis

Page 1 of 5

NO. 0314

DATE: February 6, 1987

SAMPLE(S) OF: Core (165)

RECEIVED: February 1987

SAMPLE(S) FROM: Boston Bay Mines Ltd.

<u>Sample No.</u>	<u>Au oz.</u>	<u>Pt oz.</u>	<u>Pd oz.</u>
12-090	0.004	Trace	0.045
12-095	0.003	0.002	0.064
12-101	Trace	Trace	0.045
13-086	0.008	0.002	0.036
7	0.004	Trace	0.008
8	0.006	0.002	0.031
9	0.003	0.002	0.057
13-090	Trace	Trace	0.032
1	0.006	0.006	0.090
2	Trace	0.005	0.083
3	0.010	0.003	0.084
4	0.012	0.007	0.100
5	Trace	0.004	0.098
6	Trace	Trace	0.028
7	Trace	0.004	0.089
8	Trace	0.005	0.084
9	0.002	0.002	0.077
13-100	0.002	0.003	0.092
1	Trace	0.004	0.088
2	Trace	Trace	0.003
3	Trace	Trace	0.005
4	Trace	Trace	0.018
5	Trace	Trace	0.024
14-088	Trace	Trace	0.007
14-090	Trace	Trace	0.007
14-094	Trace	Trace	0.002
5	Trace	Trace	Trace
14-098	0.004	Trace	0.036
9	Trace	Trace	0.009
14-100	0.005	Trace	0.010
1	0.006	Trace	0.008
2	0.007	Trace	0.040
14-104	0.011**	0.012**	0.196**

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BELL-WHITE ANALYTICAL LABORATORIES LTD.

IN ACCORDANCE WITH LONG-ESTABLISHED NORTH AMERICAN CUSTOM, UNLESS IT IS SPECIFICALLY STATED OTHERWISE GOLD AND SILVER VALUES REPORTED ON THESE SHEETS HAVE NOT BEEN ADJUSTED TO COMPENSATE FOR LOSSES AND GAINS INHERENT IN THE FIRE ASSAY PROCESS.

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Certificate of Analysis

Page 2 of 5

NO. 0314

DATE: February 6, 1987

SAMPLE(S) OF: Core (165)

RECEIVED: February 1987

SAMPLE(S) FROM: Boston Bay Mines Ltd.

Sample No.	Au oz.	Pt oz.	Pd oz.
14-105	0.024**	0.009**	0.174**
15-083	0.019	0.004	0.068
15-088	0.016	0.005	0.097
15-092	0.010	0.007	0.106
3	0.021	0.009	0.107
4	0.007	0.005	0.105
15-097	0.005	0.002	0.042
15-100	0.003	Trace	0.008
15-104	0.008	0.002	0.053
5	0.003	Trace	0.021
15-107	0.002	Trace	0.010
15-112	Trace	Trace	0.006
21-084	0.004	Trace	0.021
5	0.009**	0.010**	0.150**
6	0.007	0.007	0.093
7	0.005	0.004	0.082
8	0.014**	0.010**	0.175**
9	0.010**	0.013**	0.195**
21-090	0.018**	0.013**	0.185**
1	0.024	0.008	0.093
2	0.007	0.006	0.089
3	0.018**	0.009**	0.177**
4	0.008	0.004	0.091
5	0.006	0.003	0.049
6	0.006	Trace	0.026
7	0.006	0.004	0.053
21-0976	0.007	0.004	0.062
24-061	0.003	Trace	0.010
2	0.003	Trace	0.005
3	0.005	Trace	0.010
4	0.003	0.002	0.032
5	Trace	Trace	0.024
6	Trace	Trace	0.008

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IN ACCORDANCE WITH LONG-ESTABLISHED NORTH AMERICAN CUSTOM, UNLESS IT IS SPECIFICALLY STATED OTHERWISE GOLD AND SILVER VALUES REPORTED ON THESE SHEETS HAVE NOT BEEN ADJUSTED TO COMPENSATE FOR LOSSES AND GAINS INHERENT IN THE FIRE ASSAY PROCESS.

BELL-WHITE ANALYTICAL LABORATORIES LTD.

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Certificate of Analysis

Page 3 of 5

NO. 0314

DATE: February 6, 1987

SAMPLE(S) OF: Core (165)

RECEIVED: February 1987

SAMPLE(S) FROM: Boston Bay Mines Ltd.

<u>Sample No.</u>	<u>Au oz.</u>	<u>Pt oz.</u>	<u>Pd oz.</u>
24-067	0.002	Trace	0.030
8	0.006	0.004	0.091
9	0.003	0.003	0.088
24-070	0.005	0.004	0.081
1	0.005	0.003	0.052
2	Trace	Trace	0.017
3	Trace	Trace	0.004
4	0.005	0.003	0.056
5	Trace	Trace	0.010
6	Trace	Trace	0.008
7	Trace	Trace	0.002
8	0.003	0.003	0.040
9	Trace	Trace	0.005
24-080	Trace	Trace	Trace
24-093	Trace	Trace	0.010
4	Trace	0.002	0.016
5	Trace	Trace	0.016
6	0.004	0.003	0.050
7A	0.004	0.003	0.052
7B	0.007	0.003	0.036
8	0.004	0.002	0.035
24-100	Trace	0.002	0.028
1	0.003	0.002	0.017
2	Trace	Trace	0.017
3	Trace	Trace	0.011
4	Trace	Trace	0.007
5	Trace	Trace	0.002
6	Trace	Trace	0.005
7	Trace	Trace	0.011
8	Trace	0.002	0.028
9	Trace	0.002	0.045
24-110	0.004	0.002	0.036
1	0.005	0.002	0.024

IN ACCORDANCE WITH LONG-ESTABLISHED NORTH AMERICAN CUSTOM, UNLESS IT IS SPECIFICALLY STATED OTHERWISE GOLD AND SILVER VALUES REPORTED ON THESE SHEETS HAVE NOT BEEN ADJUSTED TO COMPENSATE FOR LOSSES AND GAINS INHERENT IN THE FIRE ASSAY PROCESS.

BELL-WHITE ANALYTICAL LABORATORIES LTD.

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BELL-WHITE ANALYTICAL LABORATORIES LTD.

P.O. BOX 187.

HAILEYBURY, ONTARIO

TEL: 672-3107

Certificate of Analysis

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NO. 0314

DATE: February 6, 1987

SAMPLE(S) OF: Core (165)

RECEIVED: February 1987

SAMPLE(S) FROM: Boston Bay Mines Ltd.

Sample No.	Au oz.	Pt oz.	Pd oz.
24-1120	0.003	Trace	0.019
24-1127	0.003	0.002	0.009
25-063	0.006	0.005	0.057
4	0.006	0.004	0.028
5	0.007	0.002	0.034
6	0.006	0.002	0.036
7	0.007	0.002	0.029
8	0.005	0.002	0.029
9	0.002	Trace	0.014
25-070	0.003	0.002	0.017
1	0.004	Trace	0.026
2	0.008	0.005	0.045
3	0.015	0.004	0.050
4	0.002	Trace	0.010
5	0.006	0.004	0.041
6	0.009	0.005	0.058
7	0.003	0.002	0.024
8	0.007	0.003	0.037
9	0.013	0.005	0.075
25-102	0.018	0.005	0.078
3	0.011	0.003	0.032
4	0.016	0.004	0.051
5	0.004	0.003	0.038
25-1065	0.008	0.003	0.028
25-107	0.025**	0.010**	0.172**
8	0.009	0.008	0.080
9	0.018	0.008	0.116
25-110	0.014	0.010	0.116
1	0.011	0.008	0.084
2	0.010	0.008	0.080
3	0.007	0.005	0.065
4	0.002	Trace	0.027
5	Trace	0.002	0.021

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IN ACCORDANCE WITH LONG-ESTABLISHED NORTH AMERICAN CUSTOM UNLESS IT IS SPECIFICALLY STATED THEREIN GOLD AND SILVER VALUES REPORTED ON THESE SHEETS HAVE NOT BEEN ADJUSTED TO COMPENSATE FOR LOSSES AND GAINS INHERENT IN THE FIRE ASSAY PROCESS

BELL-WHITE ANALYTICAL LABORATORIES LTD.

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BELL - WHITE ANALYTICAL LABORATORIES LTD.

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HAILEYBURY, ONTARIO

TEL: 672-3107

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NO. 0314

DATE: February 6, 1987

SAMPLE(S) OF: Core (165)

RECEIVED: February 1987

SAMPLE(S) FROM: Boston Bay Mines Ltd.

<u>Sample No.</u>	<u>Au oz.</u>	<u>Pt oz.</u>	<u>Pd oz.</u>
29-036	0.003	0.004	0.037
7	0.002	Trace	0.008
8	0.003	Trace	0.016
9	0.007	Trace	0.009
29-040	0.005	0.002	0.015
1	0.003	0.002	0.013
2	0.005	Trace	0.011
3	0.007	0.002	0.054
4	0.009	0.002	0.015
5	0.004	Trace	0.006
29-078	0.002	Trace	0.011
29-0785	Trace	Trace	0.011
29-089	Trace	Trace	0.015
29-090	Trace	Trace	0.013
29-0911	Trace	Trace	0.011
32-017	0.002	Trace	0.002
8	0.003	Trace	0.004
9	0.009	0.002	0.004
32-020	0.004	Trace	0.006
1	0.003	0.002	0.012
35A-003	0.004	0.002	0.028
35-004	0.005	0.003	0.034
5	Trace	Trace	0.015
6	0.015**	0.010**	0.161**
7	0.005	0.002	0.038
8	0.004	Trace	0.024
9	Trace	0.003	0.016
35-010	Trace	0.002	0.023
1	0.003	0.003	0.028
2	0.004	0.004	0.045
3	0.011	0.009	0.075
4	0.008**	0.017**	0.072**
5	0.002	0.002	0.022

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IN ACCORDANCE WITH LONG-ESTABLISHED NORTH AMERICAN CUSTOM UNLESS IT IS SPECIFICALLY STATED OTHERWISE GOLD AND SILVER VALUES REPORTED ON THESE SHEETS HAVE NOT BEEN ADJUSTED TO COMPENSATE FOR LOSSES AND GAINS INHERENT IN THE FIRE ASSAY PROCESS.

BELL-WHITE ANALYTICAL LABORATORIES LTD.

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BELL - WHITE ANALYTICAL LABORATORIES LTD.

P.O. BOX 187,

HAILEYBURY, ONTARIO

TEL: 672-3107

Certificate of Analysis

NO. 0318

DATE: February 6, 1987

SAMPLE(S) OF: Core (37)

RECEIVED: February 1987

SAMPLE(S) FROM: Boston Bay Mines Ltd.

<u>Sample No.</u>	<u>Au oz.</u>	<u>Pt oz.</u>	<u>Pd oz.</u>
36-041	0.006	Trace	0.039
2	0.004	0.003	0.058
3	0.004	0.004	0.051
4	0.005	0.008	0.080
5	Trace	0.003	0.037
6	0.002	0.002	0.041
37-003	0.013	0.003	0.013
4	0.019	0.007	0.019
5	0.006	0.003	0.071
6	0.009	0.004	0.071
7	0.008	0.003	0.054
8	0.007	0.003	0.046
9	0.009	0.003	0.050
37-010	0.006	0.002	0.040
1	0.009	0.002	0.040
2	0.012	0.004	0.085
3	0.015	0.005	0.076
4	0.020	0.009	0.103
5	0.013	0.003	0.046
6	0.011	0.003	0.059
7	0.004	Trace	0.040
8	Trace	Trace	0.008
9	Trace	Trace	0.005
37-020	0.002	Trace	0.010
1	Trace	Trace	0.007
2	Trace	Trace	0.006
3	Trace	Trace	0.002
4	Trace	Trace	0.003
5	Trace	Trace	0.004
6	0.004	0.002	0.026
7	0.006	0.003	0.083
8	0.005	0.006	0.108
9	0.006	0.004	0.106
37-030	0.007	0.006	0.104
1	0.003	0.002	0.053
2	Trace	Trace	0.023
3	0.007	0.003	0.050

IN ACCORDANCE WITH LONG-ESTABLISHED NORTH AMERICAN CUSTOM, UNLESS IT IS SPECIFICALLY STATED OTHERWISE GOLD AND SILVER VALUES REPORTED ON THESE SHEETS HAVE NOT BEEN ADJUSTED TO COMPENSATE FOR LOSSES AND GAINS INHERENT IN THE FIRE ASSAY PROCESS.

BELL-WHITE ANALYTICAL LABORATORIES LTD.



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NO. 0334

DATE: February 9, 1987

SAMPLE(S) OF: Core (58)

RECEIVED: February 1987.

SAMPLE(S) FROM: Boston Bay Mines Ltd.

<u>Sample No.</u>	<u>Au oz.</u>	<u>Pt oz.</u>	<u>Pd oz.</u>
12-091	0.011**	0.037**	0.299**
2	0.007**	0.009**	0.262**
3	0.010**	0.019**	0.324**
4	0.004	0.007	0.094
12-096	0.005	Trace	0.049
7	0.010	Trace	0.026
8	0.011	0.002	0.029
12-096	0.004	0.002	0.036
12-0994	0.003	Trace	0.013
12-102	Trace	Trace	0.032
12-1004	0.003	Trace	0.016
14-087	Trace	Trace	0.004
14-089	Trace	Trace	0.011
14-091	Trace	Trace	0.003
2	Trace	Trace	Trace
3	Trace	Trace	0.004
14-096	0.003	Trace	0.010
7	0.010	0.004	0.037
14-103	0.019	0.003	0.080
14-106	0.018**	0.022**	0.286**
15-076	0.004	Trace	0.008
15-077	0.006	0.003	0.038
8	0.004	0.004	0.089
9	0.014**	0.012**	0.255**
15-080	0.011**	0.018**	0.306**
1	0.025**	0.024**	0.310**
2	0.058**	0.016**	0.258**
15-084	0.009	0.003	0.065
5	0.027**	0.010**	0.147**

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BELL - WHITE ANALYTICAL LABORATORIES LTD.

P.O. BOX 187.

HAILEYBURY, ONTARIO

TEL: 672-3107

Certificate of Analysis

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NO. 0334

DATE: February 9, 1987

SAMPLE(S) OF: Core (58)

RECEIVED: February 1987

SAMPLE(S) FROM: Boston Bay Mines Ltd.

<u>Sample No.</u>	<u>Au oz.</u>	<u>Pt oz.</u>	<u>Pd oz.</u>
15-086	0.006	0.002	0.052
7	0.007	0.004	0.049
15-089	0.010	0.004	0.094
15-090	0.004	Trace	0.017
1	0.006	0.002	0.056
15-095	0.006	0.003	0.076
6	0.007	0.002	0.012
15-098	0.003	Trace	0.016
9	0.004	Trace	0.007
15-101	0.002	Trace	0.005
2	0.006	0.002	0.036
3	0.007	0.003	0.066
15-106	0.004	0.002	0.029
15-108	0.003	0.002	0.014
9	Trace	Trace	0.007
15-110	Trace	0.002	0.012
1	Trace	Trace	0.008
15-113	Trace	Trace	Trace
4	Trace	Trace	0.002
5	0.003	Trace	0.008
36-008	0.004	0.003	0.048
9	0.004	0.002	0.031
36-010	0.003	Trace	0.018
1	0.010	0.002	0.022
2	0.007	Trace	0.019
3	0.004	0.002	0.019
36-038	0.003	0.003	0.038
9	0.006	0.003	0.065
36-040	0.013	0.003	0.068

IN ACCORDANCE WITH LONG-ESTABLISHED NORTH AMERICAN CUSTOM, UNLESS IT IS SPECIFICALLY STATED OTHERWISE GOLD AND SILVER VALUES REPORTED ON THESE SHEETS HAVE NOT BEEN ADJUSTED TO COMPENSATE FOR LOSSES AND GAINS INHERENT IN THE FIRE ASSAY PROCESS.

BELL-WHITE ANALYTICAL LABORATORIES LTD.



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NO. 0353

DATE: February 11, 1987

SAMPLE(S) OF: Core (50)

RECEIVED: February 1987

SAMPLE(S) FROM: Boston Bay Mines Ltd.

<u>Sample No.</u>	<u>Au oz.</u>	<u>Pt oz.</u>	<u>Pd oz.</u>
16-066	Trace	Trace	0.005
16-070	Trace	Trace	0.004
1	Trace	Trace	0.004
16-080	Trace	Trace	0.004
16-082	Trace	Trace	0.006
16-086	Trace	Trace	0.005
16-088	Trace	Trace	0.006
9	Trace	Trace	0.006
16-090	0.002	Trace	0.006
19-067	0.003	Trace	0.013
19-077	0.005	0.004	0.039
19-088	0.004	0.003	0.033
19-104	0.003	0.005	0.064
19-106	0.005	0.003	0.037
7	0.003	0.002	0.027
19-109	0.004	0.002	0.026
19-110	0.007	0.003	0.035
20-053	0.002	Trace	0.004
5	Trace	Trace	0.009
20-060	0.002	Trace	0.010
1	Trace	Trace	0.011
20-064	Trace	Trace	0.013
5	0.002	Trace	0.016
7	0.003	Trace	0.014
8	0.002	Trace	0.033

IN ACCORDANCE WITH LONG-ESTABLISHED NORTH AMERICAN CUSTOM, UNLESS IT IS SPECIFICALLY STATED OTHERWISE GOLD AND SILVER VALUES REPORTED ON THESE SHEETS HAVE NOT BEEN ADJUSTED TO COMPENSATE FOR LOSSES AND GAINS INHERENT IN THE FIRE ASSAY PROCESS.

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NO. 0353

DATE: February 11, 1987

SAMPLE(S) OF: Core (50)

RECEIVED: February 1987

SAMPLE(S) FROM: Boston Bay Mines Ltd.

<u>Sample No.</u>	<u>Au oz.</u>	<u>Pt oz.</u>	<u>Pd oz.</u>
20-069	0.003	Trace	0.023
20-071	Trace	Trace	0.002
2	Trace	Trace	Trace
20-074	Trace	Trace	Trace
5	Trace	Trace	Trace
20-077	Trace	Trace	0.003
20-088	Trace	Trace	0.005
9	Trace	Trace	0.007
20-096	Trace	Trace	Trace
20-100	0.002	Trace	0.016
1	Trace	Trace	0.009
20-103	Trace	Trace	0.015
20-105	Trace	Trace	0.005
20-107	Trace	Trace	0.011
20-109	0.002	Trace	0.008
20-112	Trace	Trace	0.002
20-119	Trace	Trace	0.005
20-120	Trace	Trace	0.007
1	Trace	Trace	0.007
2	Trace	Trace	0.006
3	Trace	Trace	0.007
20-125	Trace	Trace	0.007
20-1257	Trace	Trace	0.006
22-080	0.004	0.003	0.028
1	0.004	0.003	0.022

IN ACCORDANCE WITH LONG-ESTABLISHED NORTH AMERICAN CUSTOM UNLESS IT IS SPECIFICALLY STATED OTHERWISE GOLD AND SILVER VALUES REPORTED ON THESE SHEETS HAVE NOT BEEN ADJUSTED TO COMPENSATE FOR LOSSES AND GAINS INHERENT IN THE FIRE ASSAY PROCESS.

BELL-WHITE ANALYTICAL LABORATORIES LTD.

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BELL - WHITE ANALYTICAL LABORATORIES LTD.

P.O. BOX 187,

HAILEYBURY, ONTARIO

TEL: 672-3107

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NO. 0419

DATE: February 18, 1987

SAMPLE(S) OF: Core (127)

RECEIVED: February 1987

SAMPLE(S) FROM: Boston Bay Mines Ltd.

<u>Sample No.</u>	<u>Au oz.</u>	<u>Pt oz.</u>	<u>Pd oz.</u>
16-072	Trace	Trace	0.004
3	Trace	Trace	0.003
4	Trace	Trace	0.006
5	Trace	Trace	Trace
6	Trace	Trace	0.006
7	Trace	Trace	Trace
8	Trace	Trace	0.005
9	Trace	Trace	0.005
16-081	Trace	Trace	0.003
16-083	Trace	Trace	Trace
4	Trace	Trace	Trace
16-087	Trace	Trace	Trace
19-061	0.002	0.003	0.017
2	Trace	Trace	0.011
3	Trace	Trace	0.013
4	0.003	0.002	0.024
5	0.002	Trace	0.018
6	0.003	0.002	0.020
19-068	0.003	0.002	0.021
9	0.004	0.002	0.016
19-070	0.003	0.002	0.039
1	0.007	0.003	0.046
2	0.002	0.002	0.028
3	Trace	0.002	Trace
19-075	0.004	0.007	0.050
6	Trace	0.002	0.018
7	0.007	0.007	0.079
8	0.003	0.006	0.051
9	0.004	0.004	0.033
19-080	0.005	0.007	0.048
1	0.006	0.011	0.065
2	0.003	0.007	0.045

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TEL: 672-3107

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NO. 0419

DATE: February 18, 1987

SAMPLE(S) OF: Core (127)

RECEIVED: February 1987

SAMPLE(S) FROM: Boston Bay Mines Ltd.

<u>Sample No.</u>	<u>Au oz.</u>	<u>Pt oz.</u>	<u>Pd oz.</u>
19-083	0.002	0.006	0.034
4	0.006	0.002	0.021
19-086	0.004	Trace	0.021
7	0.004	0.002	0.017
19-090	0.005	0.005	Trace
1	0.003	0.002	Trace
19-098	0.003	0.004	Trace
19-100	Trace	0.002	Trace
19-103	0.003	0.006	0.053
19-105	0.003	0.002	0.028
19-108	0.009	0.008	0.092
19-111	0.004	0.005	0.028
2	0.012	0.014	0.102
19-114	0.003	0.004	Trace
19-116	Trace	0.002	Trace
20-052	Trace	Trace	0.025
20-056	Trace	Trace	0.017
20-058	0.005	0.002	0.018
20-062	Trace	Trace	0.009
3	Trace	Trace	0.009
20-066	Trace	Trace	0.008
20-070	0.002	0.003	0.019
20-073	Trace	Trace	0.002
20-076	Trace	Trace	Trace
20-078	0.002	Trace	0.017
9	Trace	Trace	0.011
20-080	Trace	0.003	0.024
1	0.002	0.002	0.059
2	0.003	0.004	0.066
3	Trace	Trace	0.006
4	Trace	Trace	0.005
5	Trace	Trace	0.006

IN ACCORDANCE WITH LONG-ESTABLISHED NORTH AMERICAN CUSTOM, UNLESS IT IS SPECIFICALLY STATED OTHERWISE GOLD AND SILVER VALUES REPORTED ON THESE SHEETS HAVE NOT BEEN ADJUSTED TO COMPENSATE FOR LOSSES AND GAINS INHERENT IN THE FIRE ASSAY PROCESS.

BELL-WHITE ANALYTICAL LABORATORIES LTD.



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HAILEYBURY, ONTARIO

TEL: 672-3107

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NO. 0419

DATE: February 18, 1987

SAMPLE(S) OF: Core (127)

RECEIVED: February 1987

SAMPLE(S) FROM: Boston Bay Mines Ltd.

<u>Sample No.</u>	<u>Au oz.</u>	<u>Pt oz.</u>	<u>Pd oz.</u>
20-086	Trace	Trace	0.007
7	Trace	Trace	0.009
20-090	0.003	0.003	0.016
1	Trace	Trace	0.007
2	Trace	Trace	0.003
3	Trace	Trace	0.017
4	Trace	0.002	0.019
20-095	0.002	Trace	0.020
20-097	Trace	Trace	0.004
20-098	0.002	Trace	0.024
9	Trace	Trace	0.026
20-102	Trace	Trace	0.011
20-104	Trace	Trace	0.004
20-106	Trace	Trace	Trace
20-108	Trace	Trace	0.008
20-114	Trace	Trace	0.003
20-116	Trace	Trace	0.005
7	Trace	Trace	0.006
8	Trace	Trace	0.005
20-124	Trace	Trace	0.006
22-072	Trace	Trace	0.015
22-079	0.005	Trace	0.025
38-005	0.003	Trace	0.013
38-011	0.003	0.010	0.071
38-013	0.003	0.008	0.044
39-040	0.007	0.014	0.126
1	0.008	0.008	0.076
2	0.002	0.007	0.026
R-1	0.016	0.010	0.172
2	0.017	0.007	0.147
3	0.011	0.008	0.147
4	0.032	0.014	0.201

IN ACCORDANCE WITH LONG-ESTABLISHED NORTH AMERICAN CUSTOM, UNLESS IT IS SPECIFICALLY STATED OTHERWISE GOLD AND SILVER VALUES REPORTED ON THESE SHEETS HAVE NOT BEEN ADJUSTED TO COMPENSATE FOR LOSSES AND GAINS INHERENT IN THE FIRE ASSAY PROCESS.

BELL-WHITE ANALYTICAL LABORATORIES LTD.



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TEL: 672-3107

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NO. 0419

DATE: February 18, 1987

SAMPLE(S) OF: Core (127)

RECEIVED: February 1987

SAMPLE(S) FROM: Boston Bay Mines Ltd.

<u>Sample No.</u>	<u>Au oz.</u>	<u>Pt oz.</u>	<u>Pd oz.</u>	<u>Cu %</u>	<u>Ni %</u>
R- 5	0.015	0.008	0.111		
6	0.012	0.007	0.102		
7	0.012	0.007	0.099		
8	0.009	0.006	0.095		
9	0.005	0.007	0.081		
R-10	0.006	0.005	0.046		
1	0.008	0.007	0.112		
2	0.041**	0.013**	0.230**		
3	0.059**	0.020**	0.356**		
4	0.010	0.007	0.099		
5	0.018	0.012	0.179		
6	0.009	0.007	0.122		
7	0.034	0.016	0.209		
8	0.042**	0.017**	0.324**		
9	0.035**	0.018**	0.309**		
R-20	0.019	0.010	0.172		
1	0.007	0.011	0.102		
2	0.040**	0.018**	0.292**		
3	0.033	0.016	0.195		
4	0.039**	0.020**	0.243**		
5	0.020	0.009	0.107		
6	0.014	0.005	0.094		
7	0.019	0.006	0.091		
8	0.019	0.009	0.110		
9	0.024	0.007	0.103		
R-103	0.005	0.008	0.134	0.036	0.048
R-123	0.023	0.007	0.128	0.082	0.076
R-1333	0.025	0.012	0.176	0.170	0.164
R1-12	0.016	0.014	0.190	0.172	0.164
R-1223	0.022	0.012	0.197	0.136	0.118
CTS-1	0.030	0.019	0.138	0.340	0.220

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IN ACCORDANCE WITH LONG-ESTABLISHED NORTH AMERICAN CUSTOM, UNLESS IT IS SPECIFICALLY STATED OTHERWISE GOLD AND SILVER VALUES REPORTED ON THESE SHEETS HAVE NOT BEEN ADJUSTED TO COMPENSATE FOR LOSSES AND GAINS INHERENT IN THE FIRE ASSAY PROCESS.

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NO. 0429

DATE: February 19, 1987

SAMPLE(S) OF: Core (59)

RECEIVED: February 1987

SAMPLE(S) FROM: Boston Bay Mines Ltd.

<u>Sample No.</u>	<u>Au oz.</u>	<u>Pt oz.</u>	<u>Pd oz.</u>
16-064	Trace	Trace	0.010
5	Trace	Trace	0.004
16-067	Trace	Trace	0.006
8	Trace	Trace	0.007
9	Trace	Trace	0.005
16-085	Trace	Trace	0.006
19-085	0.003	0.002	0.021
9	0.002	Trace	0.026
19-092	0.014	0.004	0.057
3	0.005	0.005	0.035
4	0.003	0.004	0.037
5	0.002	Trace	0.020
6	0.007	0.004	0.045
7	0.002	0.007	0.035
19-099	0.003	0.002	0.016
19-101	0.002	Trace	0.023
2	0.003	0.003	0.053
19-113	0.003	0.005	0.060
19-115	Trace	Trace	0.010
19-1163	Trace	0.006	0.059
20-050	Trace	0.002	0.021
1	Trace	Trace	0.006
20-054	Trace	Trace	0.007
20-057	Trace	Trace	0.009
20-059	0.003	Trace	0.027
20-110	Trace	Trace	0.005
1	Trace	Trace	0.004
20-113	Trace	Trace	0.004
20-115	Trace	Trace	0.004
22-061	Trace	0.002	0.030

IN ACCORDANCE WITH LONG-ESTABLISHED NORTH AMERICAN CUSTOM, UNLESS IT IS SPECIFICALLY STATED OTHERWISE GOLD AND SILVER VALUES REPORTED ON THESE SHEETS HAVE NOT BEEN ADJUSTED TO COMPENSATE FOR LOSSES AND GAINS INHERENT IN THE FIRE ASSAY PROCESS.

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TEL: 672-3107

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NO. 0429

DATE: February 19, 1987

SAMPLE(S) OF: Core (59)

RECEIVED: February 1987

SAMPLE(S) FROM: Boston Bay Mines Ltd.

<u>Sample No.</u>	<u>Au oz.</u>	<u>Pt oz.</u>	<u>Pd oz.</u>
22-062	0.004	0.004	0.052
3	0.003	0.002	0.026
4	0.004	0.002	0.030
22-070	Trace	Trace	0.012
1	0.004	0.002	0.024
22-073	Trace	0.002	0.032
4	0.004	0.005	0.060
5	0.002	0.002	0.019
6	0.004	Trace	0.025
7	0.004	Trace	0.029
8	0.004	0.003	0.032
22-815	0.003	Trace	0.009
38-001	0.011	0.002	0.028
2	0.006	0.003	0.019
3	0.002	Trace	0.019
4	0.003	Trace	0.014
6	0.010	0.013	0.092
7	0.003	0.006	0.030
8	0.007	0.004	0.075
No Tag	0.005	0.006	0.091
38-010	0.005	0.015	0.094
2	0.004	0.006	0.071
38-014	0.006	0.014	0.092
5	0.004	0.006	0.052
6	0.004	0.004	0.051
39-038	0.003	0.008	0.050
9	0.003	0.004	0.054
C-Zone	0.004	0.004	0.037
C-Zone	0.012	0.008	0.069

IN ACCORDANCE WITH LONG-ESTABLISHED NORTH AMERICAN CUSTOM, UNLESS IT IS SPECIFICALLY STATED OTHERWISE GOLD AND SILVER VALUES REPORTED ON THESE SHEETS HAVE NOT BEEN ADJUSTED TO COMPENSATE FOR LOSSES AND GAINS INHERENT IN THE FIRE ASSAY PROCESS.

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P.O. BOX 187, HAILEYBURY, ONTARIO TEL: 672-3107

Certificate of Analysis

NO. 0469 DATE: February 25, 1987
SAMPLE(S) OF: Fines (6) RECEIVED: February 1987
SAMPLE(S) FROM: Boston Bay Mines Ltd.

<u>Sample No.</u>	<u>Au oz.</u>	<u>Pt oz.</u>	<u>Pd oz.</u>	<u>Cu %</u>	<u>Ni %</u>
#1	2.38	0.016	0.171	0.20	0.29
#1	36.93	0.071	0.676	0.41	1.30
#2	0.09	0.006	0.068	0.10	0.08
#2	1.65	0.012	0.120	0.11	0.15
#3	10.66	0.087	1.030	0.47	1.50
#3	8.70	0.092	1.420	0.57	3.00

IN ACCORDANCE WITH LONG-ESTABLISHED NORTH AMERICAN CUSTOM, UNLESS IT IS SPECIFICALLY STATED OTHERWISE GOLD AND SILVER VALUES REPORTED ON THESE SHEETS HAVE NOT BEEN ADJUSTED TO COMPENSATE FOR LOSSES AND GAINS INHERENT IN THE FIRE ASSAY PROCESS.

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TEL: 672-3107

Certificate of Analysis

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NO. 0509

DATE: February 28, 1987

SAMPLE(S) OF: Core (88)

RECEIVED: February 1987

SAMPLE(S) FROM: Boston Bay Mines Ltd.

<u>Sample No.</u>	<u>Au oz.</u>	<u>Pt oz.</u>	<u>Pd oz.</u>
18060	0.005	0.002	0.023
1	0.002	0.002	0.022
2A	Trace	Trace	0.014
2B	0.002	0.002	0.018
18064A	0.003	0.002	0.019
4B	0.002	0.002	0.017
18066	Trace	0.002	0.021
7	0.003	0.012	0.058
8	0.005	0.012	0.070
9	0.004	0.013	0.078
18070	0.006	0.031	0.057
1	Trace	0.003	0.016
2	Trace	Trace	0.011
3	0.002	Trace	0.005
4	Trace	Trace	0.008
5	0.002	Trace	0.017
6	Trace	Trace	0.005
7	0.002	Trace	0.007
8	Trace	Trace	0.005
9	Trace	Trace	0.007
18080	Trace	Trace	0.004
18083	Trace	Trace	0.004

IN ACCORDANCE WITH LONG-ESTABLISHED NORTH AMERICAN CUSTOM, UNLESS IT IS SPECIFICALLY STATED OTHERWISE GOLD AND SILVER VALUES REPORTED ON THESE SHEETS HAVE NOT BEEN ADJUSTED TO COMPENSATE FOR LOSSES AND GAINS INHERENT IN THE FIRE ASSAY PROCESS.

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P.O. BOX 187,

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TEL: 672-3107

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NO. 0509

DATE: February 28, 1987

SAMPLE(S) OF: Core (88)

RECEIVED: February 1987

SAMPLE(S) FROM: Boston Bay Mines Ltd.

<u>Sample No.</u>	<u>Au oz.</u>	<u>Pt oz.</u>	<u>Pd oz.</u>
18084	0.005	Trace	0.012
5	0.011	0.003	0.051
6	0.003	0.002	0.051
7	Trace	Trace	0.005
8	Trace	Trace	0.006
9	Trace	Trace	0.003
18090	0.003	0.002	0.015
1	Trace	0.002	0.009
2	0.003	0.002	0.007
3	0.002	Trace	0.009
4	0.003	0.004	0.026
5	Trace	Trace	0.004
6	Trace	Trace	0.010
7	0.003	0.005	0.035
8	0.004	0.005	0.029
9	0.003	0.003	0.023
18100	0.004	0.005	0.025
1	0.002	0.003	0.031
2	0.002	0.006	0.029
3	0.002	0.006	0.032
4	0.003	0.008	0.040
5	0.002	0.003	0.026

IN ACCORDANCE WITH LONG-ESTABLISHED NORTH AMERICAN CUSTOM, UNLESS IT IS SPECIFICALLY STATED OTHERWISE GOLD AND SILVER VALUES REPORTED ON THESE SHEETS HAVE NOT BEEN ADJUSTED TO COMPENSATE FOR LOSSES AND GAINS INHERENT IN THE FIRE ASSAY PROCESS.

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HAILEYBURY, ONTARIO

TEL: 672-3107

Certificate of Analysis

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NO. 0509

DATE: February 28, 1987

SAMPLE(S) OF: Core (88)

RECEIVED: February 1987

SAMPLE(S) FROM: Boston Bay Mines Ltd.

<u>Sample No.</u>	<u>Au oz.</u>	<u>Pt oz.</u>	<u>Pd oz.</u>
18106	0.004	0.002	0.024
7	0.008	0.005	0.044
8	0.005	0.005	0.041
9	0.004	0.004	0.034
18110	0.003	0.002	0.028
1	0.005	0.003	0.046
2	0.005	0.003	0.028
3	0.004	Trace	0.025
4	0.007	Trace	0.039
5	0.005	Trace	0.033
6	0.007	0.003	0.030
7	0.003	Trace	0.012
8	0.006	0.003	0.046
9	0.004	Trace	0.024
18120	0.007	0.004	0.049
1	0.005	0.004	0.049
2	0.005	0.002	0.036
4	0.009	0.004	0.061
5	0.008	0.003	0.043
6	0.007	0.004	0.066
7	0.007	0.004	0.051

IN ACCORDANCE WITH LONG-ESTABLISHED NORTH AMERICAN CUSTOM, UNLESS IT IS SPECIFICALLY STATED OTHERWISE GOLD AND SILVER VALUES REPORTED ON THESE SHEETS HAVE NOT BEEN ADJUSTED TO COMPENSATE FOR LOSSES AND GAINS INHERENT IN THE FIRE ASSAY PROCESS.

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HAILEYBURY, ONTARIO

TEL: 672-3107

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NO. 0509

DATE: February 28, 1987

SAMPLE(S) OF: Core (88)

RECEIVED: February 1987

SAMPLE(S) FROM: Boston Bay Mines Ltd.

<u>Sample No.</u>	<u>Au oz.</u>	<u>Pt oz.</u>	<u>Pd oz.</u>
18128	0.004	0.005	0.052
9	Trace	Trace	0.013
18130	0.005	0.003	0.035
1	0.008	0.002	0.034
2	0.005	0.002	0.030
3	0.009	0.004	0.045
4	0.012	0.004	0.045
5	0.009	0.004	0.045
6	0.005	0.004	0.031
7	0.013	0.009	0.077
8	0.011	0.004	0.051
9	Trace	Trace	0.030
18140	Trace	Trace	0.013
1	0.002	Trace	0.008
2	0.003	Trace	0.026
3	Trace	0.002	0.017
4	Trace	Trace	0.003
5	0.006	Trace	0.035
6	0.004	Trace	0.021
181467	0.006	Trace	0.020
86081	0.002	0.002	0.010
2	Trace	0.002	0.009

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TEL: 672-3107

Certificate of Analysis

NO. 0510

DATE: February 28, 1987

SAMPLE(S) OF: Fines (5)

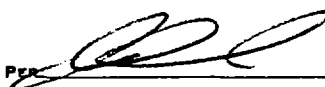
RECEIVED: February 1987

SAMPLE(S) FROM: Boston Bay Mines Ltd.

<u>Sample No.</u>	<u>Au oz.</u>	<u>Pt oz.</u>	<u>Pd oz.</u>
C-1-27	0.009	0.004	0.047
C-32	0.014	0.007	0.068
C-21-29-23-16-14	0.009	0.005	0.061
C-11-21	0.011	0.006	0.064
C-15-23	0.007	0.002	0.030

IN ACCORDANCE WITH LONG-ESTABLISHED NORTH AMERICAN CUSTOM, UNLESS IT IS SPECIFICALLY STATED OTHERWISE GOLD AND SILVER VALUES REPORTED ON THESE SHEETS HAVE NOT BEEN ADJUSTED TO COMPENSATE FOR LOSSES AND GAINS INHERENT IN THE FIRE ASSAY PROCESS.

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TEL: 672-3107

Certificate of Analysis

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NO. 0548

DATE: February 28, 1987

SAMPLE(S) OF: Core (53)

RECEIVED: February 1987

SAMPLE(S) FROM: Boston Bay Mines Ltd.

<u>Sample No.</u>	<u>Au oz.</u>	<u>Pt oz.</u>	<u>Pd oz.</u>
14-016	0.002	Trace	0.019
14-017	0.004	0.003	0.035
27-3865	Trace	Trace	Trace
28-044	Trace	Trace	0.005
5	Trace	Trace	Trace
6	Trace	Trace	Trace
40-001	0.007	0.004	0.076
2	0.007	0.003	0.041
3	0.004	0.002	0.022
4	0.002	Trace	0.015
5	0.002	Trace	0.011
6	0.006	0.003	0.041
7	0.006	0.004	0.045
8	0.008	0.004	0.049
40-010	0.012	0.008	0.078
1	0.016	0.008	0.087
2	0.003	0.003	0.026
3	0.010	0.005	0.053
4	0.008	0.005	0.046
5	0.004	0.002	0.035
40-018	0.010	0.005	0.047
9	0.009	0.004	0.042
40-020	0.005	0.003	0.030
1	0.005	0.003	0.030
2	0.002	Trace	0.013
3	0.003	0.002	0.022
4	0.002	0.002	0.021

IN ACCORDANCE WITH LONG-ESTABLISHED NORTH AMERICAN CUSTOM, UNLESS IT IS SPECIFICALLY STATED OTHERWISE GOLD AND SILVER VALUES REPORTED ON THESE SHEETS HAVE NOT BEEN ADJUSTED TO COMPENSATE FOR LOSSES AND GAINS INHERENT IN THE FIRE ASSAY PROCESS.

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P.O. BOX 187,

HAILEYBURY, ONTARIO

TEL: 672-3107

Certificate of Analysis

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NO. 0548

DATE: February 28, 1987

SAMPLE(S) OF: Core (53)

RECEIVED: February 1987

SAMPLE(S) FROM: Boston Bay Mines Ltd.

<u>Sample No.</u>	<u>Au oz.</u>	<u>Pt oz.</u>	<u>Pd oz.</u>
40-025	0.002	Trace	0.013
6	0.003	0.002	0.027
7	0.004	0.002	0.029
8	0.003	0.002	0.023
9	0.003	0.002	0.024
40-030	0.003	0.002	0.021
1	0.003	0.004	0.035
2	0.003	0.002	0.024
3	0.002	0.002	0.018
4	0.004	0.003	0.033
5	0.007	0.007	0.062
6	0.022	0.004	0.049
7	0.011	0.002	0.060
8	0.013	0.004	0.076
40-040	0.005	0.002	0.042
1	0.008	0.004	0.068
2	0.008	0.004	0.051
3	0.008	0.004	0.064
4	0.012	0.003	0.062
5	0.008	0.004	0.058
6	0.005	0.004	0.045
7	0.010	0.007	0.074
8	0.006	0.004	0.061
9	0.013	0.004	0.073
40-050	0.005	0.003	0.045
40-507	0.006	0.004	0.059

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HAILEYBURY, ONTARIO

TEL: 672-3107

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MAR 13 1987

NO. 0607

DATE: March 11, 1987

SAMPLE(S) OF: Core (30)

RECEIVED: March 1987

SAMPLE(S) FROM: Boston Bay Mines Ltd.

<u>Sample No.</u>	<u>Au oz.</u>	<u>Pt oz.</u>	<u>Pd oz.</u>
26061	Trace	Trace	0.018
2	0.008	0.003	0.049
3	0.005	0.003	0.046
4	0.010	0.004	0.059
5	0.003	Trace	0.018
6	0.005	Trace	0.024
7	0.005	Trace	0.027
8	0.004	0.002	0.035
9	0.003	Trace	0.022
26070	0.003	Trace	0.017
1	0.008	0.003	0.055
2	0.005	0.003	0.042
3	Trace	Trace	0.012
4	0.003	Trace	0.014
5	0.012	0.003	0.040
6	Trace	Trace	0.017
7	Trace	Trace	0.007
8	Trace	Trace	0.004
9	0.003	0.006	0.013
26080	0.004	0.002	0.023
1	0.003	0.003	0.019
2	0.002	0.004	0.028
3	0.004	Trace	0.017
4	Trace	Trace	0.013
5	0.003	Trace	0.018
6	0.003	0.002	0.016
7	0.008	0.003	0.037
8	0.008	0.002	0.039
40009	0.006	0.005	0.045
40039	0.005	0.002	0.023

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P.O. BOX 187.

HAILEYBURY, ONTARIO

TEL: 672-3107

Certificate of Analysis

NO. 0608

MAR 18 1987

DATE: March 11, 1987

SAMPLE(S) OF: Fines (28)

RECEIVED: March 1987

SAMPLE(S) FROM: Mr. C. F. Desson, Boston Bay Mines Ltd.

<u>Sample No.</u>	<u>Au oz.</u>	<u>Pt oz.</u>	<u>Pd oz.</u>	<u>Cu %</u>	<u>Ni %</u>
8901	0.135	0.004	0.041	0.09	0.05
2	3.400	0.070	0.967	3.00	1.46
3	2.340	0.102	3.330	0.70	4.00
4	0.292	0.036	0.912	0.32	0.94
5	0.108	0.019	0.333	0.24	0.30
6	0.219	0.009	0.073	0.09	0.08
7	0.153	0.090	1.200	2.40	0.82
8	0.118	0.030	0.538	0.32	0.44
9	0.164	0.043	1.060	0.42	1.02
8910	0.191	0.093	1.400	2.80	0.74
1	0.196	0.096	1.410	3.20	1.08
2	5.140	0.038	0.639	0.36	0.94
3	0.257	0.012	0.061	0.13	0.07
4	0.149	0.096	1.300	2.60	0.98
5	0.244	0.121	1.570	3.20	0.92
6	0.114	0.066	0.475	1.78	0.48
7	0.980	0.069	0.555	1.84	0.64
8	0.820	0.200	4.060	0.52	5.20
9	0.338	0.102	1.660	3.20	1.32
8920	0.060	0.018	0.286	0.20	0.22
1	0.062	0.008	0.148	0.10	0.12
2	0.023	0.005	0.057	0.10	0.06
3	0.215	0.103	1.470	0.80	0.90
4	0.242	0.205	0.773	1.98	0.88
5	0.035	0.017	0.173	0.13	0.11
6	0.254	0.081	0.874	0.28	0.66
7	0.259	0.052	0.489	0.30	0.30
8	0.224	0.010	0.069	0.10	0.09

IN ACCORDANCE WITH LONG-ESTABLISHED NORTH AMERICAN CUSTOM, UNLESS IT IS SPECIFICALLY STATED OTHERWISE GOLD AND SILVER VALUES REPORTED ON THESE SHEETS HAVE NOT BEEN ADJUSTED TO COMPENSATE FOR LOSSES AND GAINS INHERENT IN THE FIRE ASSAY PROCESS.

BELL-WHITE ANALYTICAL LABORATORIES LTD.



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P.O. BOX 187.

HAILEYBURY, ONTARIO

TEL: 672-3107

Certificate of Analysis

MAR 18 1987

NO. 0469 (Corrected)

DATE: March 12, 1987

SAMPLE(S) OF: Fines (6)

RECEIVED: March 1987

SAMPLE(S) FROM: Boston Bay Mines Ltd.

<u>Sample No.</u>	<u>Au oz.</u>	<u>Pt oz.</u>	<u>Pd oz.</u>	<u>Cu %</u>	<u>Ni %</u>
#1 - 80	2.38	0.016	0.171	0.20	0.29
#1 + 80	36.93	0.071	0.676	0.41	1.30
#2 - 80	0.09	0.006	0.068	0.10	0.08
#2 + 80	1.65	0.012	0.120	0.11	0.15
#3 - 80	10.66	0.087	1.030	0.47	1.50
#3 + 80	8.70	0.092	1.420	0.57	3.00

IN ACCORDANCE WITH LONG-ESTABLISHED NORTH AMERICAN CUSTOM, UNLESS IT IS SPECIFICALLY STATED OTHERWISE GOLD AND SILVER VALUES REPORTED ON THESE SHEETS HAVE NOT BEEN ADJUSTED TO COMPENSATE FOR LOSSES AND GAINS INHERENT IN THE FIRE ASSAY PROCESS.

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HAILEYBURY, ONTARIO

TEL: 672-3107

Certificate of Analysis

MAR 26 1987

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NO. 0660

DATE: March 23, 1987

SAMPLE(S) OF: Core (101)

RECEIVED: March 1987

SAMPLE(S) FROM: Boston Bay Mines Ltd.

<u>Sample No.</u>	<u>Au oz.</u>	<u>Pt oz.</u>	<u>Pd oz.</u>
C-zone Comp.	0.007	0.003	0.047
11-1068	Trace	Trace	Trace
26-089	0.005	0.003	0.034
26-090	0.002	0.002	0.016
1	0.005	Trace	0.013
2	0.002	Trace	0.013
3	0.010	0.002	0.021
4	Trace	Trace	0.020
5	0.005	0.004	0.043
6	0.008	0.004	0.063
7	0.005	0.002	0.030
8	0.002	0.002	0.030
9	0.002	0.002	0.022
26-100	0.003	0.003	0.034
1	0.003	0.004	0.034
2	0.003	0.004	0.033
3	0.002	0.003	0.031
26-1035	0.005	0.004	0.043
27-529	Trace	Trace	0.004
39-003	0.003	Trace	0.030
4	0.003	0.002	0.025
5	0.006	0.004	0.072
6	0.005	0.003	0.073
7	0.002	0.004	0.021
8	Trace	0.004	0.021
9	0.004	Trace	0.026
39-010	Trace	Trace	Trace
1	0.003	Trace	0.002
2	0.003	Trace	0.004
3	0.017	0.003	0.054
4	Trace	0.003	0.029
5	0.002	0.002	0.032
6	0.003	Trace	0.011
7	0.007	0.004	0.077

IN ACCORDANCE WITH LONG-ESTABLISHED NORTH AMERICAN CUSTOM, UNLESS IT IS SPECIFICALLY STATED OTHERWISE GOLD AND SILVER VALUES REPORTED ON THESE SHEETS HAVE NOT BEEN ADJUSTED TO COMPENSATE FOR LOSSES AND GAINS INHERENT IN THE FIRE ASSAY PROCESS.

BELL-WHITE ANALYTICAL LABORATORIES LTD.



BELL - WHITE ANALYTICAL LABORATORIES LTD.

P.O. BOX 187.

HAILEYBURY, ONTARIO

TEL: 672-3107

Certificate of Analysis

Page 2 of 3

NO. 0660

DATE: March 23, 1987

SAMPLE(S) OF: Core (101)

RECEIVED: March 1987

SAMPLE(S) FROM: Boston Bay Mines Ltd.

<u>Sample No.</u>	<u>Au oz.</u>	<u>Pt oz.</u>	<u>Pd oz.</u>
39-018	0.007	0.006	0.061
9	0.013	0.003	0.056
39-020	0.006	0.002	0.025
1	0.002	0.002	0.034
2	Trace	Trace	0.020
41-002	0.002	0.009	0.107
3	0.007	0.006	0.086
4	0.002	Trace	0.038
5	0.002	Trace	0.026
6	0.020	0.005	0.043
7	0.015	0.005	0.029
8	0.010	0.003	0.044
9	Trace	Trace	0.020
41-010	0.003	Trace	0.022
1	Trace	Trace	0.014
2	Trace	Trace	0.015
3	0.024	0.003	0.021
4	0.014	0.003	0.036
5	0.010	0.005	0.021
6	0.013	0.005	0.036
7	0.008	0.003	0.023
8	0.003	Trace	0.012
9	0.007	0.002	0.027
41-020	0.006	Trace	0.012
1	0.002	Trace	0.006
2	0.003	Trace	0.022
3	0.002	0.002	0.041
4	Trace	Trace	0.013
5	Trace	Trace	0.009
6	Trace	Trace	0.003
7	Trace	Trace	0.002
8	Trace	Trace	0.003
9	Trace	Trace	0.008

IN ACCORDANCE WITH LONG-ESTABLISHED NORTH AMERICAN CUSTOM, UNLESS IT IS SPECIFICALLY STATED OTHERWISE GOLD AND SILVER VALUES REPORTED ON THESE SHEETS HAVE NOT BEEN ADJUSTED TO COMPENSATE FOR LOSSES AND GAINS INHERENT IN THE FIRE ASSAY PROCESS.

BELL-WHITE ANALYTICAL LABORATORIES LTD.

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BELL - WHITE ANALYTICAL LABORATORIES LTD.

P.O. BOX 187,

HAILEYBURY, ONTARIO

TEL: 672-3107

Certificate of Analysis

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NO. 0660

DATE: March 23, 1987

SAMPLE(S) OF: Core (101)

RECEIVED: March 1987

SAMPLE(S) FROM: Boston Bay Mines Ltd.

<u>Sample No.</u>	<u>Au oz.</u>	<u>Pt oz.</u>	<u>Pd oz.</u>
41-030	Trace	Trace	0.004
1	Trace	Trace	0.006
2	0.008	0.003	0.022
3	0.003	Trace	0.005
4	0.002	Trace	0.004
5	0.002	Trace	0.010
6	Trace	Trace	0.009
7	Trace	Trace	0.008
8	0.003	Trace	0.007
9	0.002	Trace	0.015
41-040	0.005	0.002	0.021
1	0.012	0.005	0.030
2	0.003	Trace	0.011
3	0.003	Trace	0.012
4	0.002	Trace	0.006
5	0.002	0.002	0.017
6	0.003	0.003	0.019
7	0.002	Trace	0.008
8	0.007	0.002	0.015
9	0.011	0.002	0.027
41-050	0.007	0.004	0.038
1	0.004	0.006	0.053
2	0.002	0.003	0.015
3	Trace	0.002	0.013
4	0.004	0.008	0.036
5	0.006	0.006	0.026
6	Trace	0.002	0.009
7	Trace	0.002	0.007
8	Trace	0.002	0.015
9	Trace	0.002	0.016
41-060	0.003	Trace	0.009
1	0.002	Trace	0.007
2	Trace	Trace	0.005
41-627	Trace	Trace	0.007

IN ACCORDANCE WITH LONG-ESTABLISHED NORTH AMERICAN CUSTOM, UNLESS IT IS SPECIFICALLY STATED OTHERWISE GOLD AND SILVER VALUES REPORTED ON THESE SHEETS HAVE NOT BEEN ADJUSTED TO COMPENSATE FOR LOSSES AND GAINS INHERENT IN THE FIRE ASSAY PROCESS.

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HAILEYBURY, ONTARIO

TEL: 672-3107

Certificate of Analysis

NO. 0685

MAR 2 ' 1987

DATE: March 25, 1987

SAMPLE(S) OF: Fines (14)

RECEIVED: March 1987

SAMPLE(S) FROM: Mr. George Reschke, Boston Bay Mines Ltd.

<u>Sample No.</u>	<u>Au oz.</u>	<u>Pt oz.</u>	<u>Pd oz.</u>	<u>Cu %</u>	<u>Ni %</u>
3101	0.022	0.009	0.038	0.074	0.052
2	0.030	0.010	0.130	0.084	0.106
3	0.020	0.012	0.167	0.098	0.116
4	0.240	0.028	0.469	0.260	0.192
5	0.429	0.073	1.090	0.300	0.640
6	0.356	0.138	1.200	3.000	0.960
7	0.268	0.109	1.180	2.200	0.980
8	0.282	0.163	1.149	3.600	1.020
9	0.800	0.076	1.320	1.880	1.860
3110	0.133	0.011	0.056	0.062	0.086
1	1.050	0.214	2.260	2.800	7.600
2	0.113	0.029	0.702	0.126	0.520
3	0.273	0.574	2.270	2.600	5.800
4	0.068	0.018	0.531	0.102	0.360

IN ACCORDANCE WITH LONG-ESTABLISHED NORTH AMERICAN CUSTOM, UNLESS IT IS SPECIFICALLY STATED OTHERWISE GOLD AND SILVER VALUES REPORTED ON THESE SHEETS HAVE NOT BEEN ADJUSTED TO COMPENSATE FOR LOSSES AND GAINS INHERENT IN THE FIRE ASSAY PROCESS.

BELL-WHITE ANALYTICAL LABORATORIES LTD.



Certificate of Analysis

Page 1 of 3

NO. 0743

DATE: March 30, 1987

SAMPLE(S) OF: Core (78)

RECEIVED: March 1987

SAMPLE(S) FROM: Boston Bay Mines Ltd.

Sample No.	Au oz.	Pt oz.	Pd oz.
24022	Trace	Trace	0.022
24026	Trace	Trace	0.007
24031	0.002	Trace	0.017
2	0.004	0.002	0.027
3	0.003	Trace	0.009
24065	0.003	0.006	0.060
42001	0.023	0.013	0.178
2	0.006	0.012	0.116
3	0.027	0.018	0.218
4	0.017	0.019	0.209
5	0.011	0.011	0.150
6	0.013	0.013	0.172
7	0.015	0.013	0.189
8	0.007	0.006	0.080
9	0.010	0.004	0.081
42010	0.014	0.007	0.069
1	0.003	0.003	0.022
2	0.010	0.005	0.048
3	0.012	0.007	0.073
4	0.003	0.003	0.018
5	0.003	0.003	0.016
6	0.003	0.008	0.047
7	0.010	0.007	0.049
8	0.014	0.007	0.050
9	0.002	0.003	0.021
42020	Trace	Trace	0.015

IN ACCORDANCE WITH LONG-ESTABLISHED NORTH AMERICAN CUSTOM, UNLESS IT IS SPECIFICALLY STATED OTHERWISE GOLD AND SILVER VALUES REPORTED ON THESE SHEETS HAVE NOT BEEN ADJUSTED TO COMPENSATE FOR LOSSES AND GAINS INHERENT IN THE FIRE ASSAY PROCESS.

BELL-WHITE ANALYTICAL LABORATORIES LTD.

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NO. 0743

Page 2 of 3

DATE: March 30, 1987

SAMPLE(S) OF: Core (78)


RECEIVED: March 1987

SAMPLE(S) FROM: Boston Bay Mines Ltd.

<u>Sample No.</u>	<u>Au oz.</u>	<u>Pt oz.</u>	<u>Pd oz.</u>
42021	Trace	Trace	0.015
42023	0.004	0.004	0.043
4	0.003	0.002	0.020
5	0.002	Trace	0.009
42027	Trace	Trace	0.012
8	0.003	0.002	0.021
9	0.003	0.002	0.009
42030	Trace	Trace	0.013
42034	0.003	Trace	0.009
5	0.008	0.003	0.019
6	0.004	0.004	0.034
7	0.003	0.004	0.032
8	0.003	0.002	0.016
9	0.005	0.002	0.013
42040	0.002	0.003	0.027
1	0.004	Trace	0.025
2	0.004	Trace	0.017
3	0.003	Trace	0.009
4	0.002	Trace	0.011
5	0.004	Trace	0.013
6	0.002	Trace	0.007
7	0.003	Trace	0.009
8	0.004	0.003	0.026
9	0.003	0.002	0.018
42050	0.002	Trace	0.010
1	0.004	Trace	0.016

IN ACCORDANCE WITH LONG-ESTABLISHED NORTH AMERICAN CUSTOM, UNLESS IT IS SPECIFICALLY STATED OTHERWISE GOLD AND SILVER VALUES REPORTED ON THESE SHEETS HAVE NOT BEEN ADJUSTED TO COMPENSATE FOR LOSSES AND GAINS INHERENT IN THE FIRE ASSAY PROCESS.

BELL-WHITE ANALYTICAL LABORATORIES LTD.

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NO. 0743

DATE: March 30, 1987

SAMPLE(S) OF: Core (78)

RECEIVED: March 1987

SAMPLE(S) FROM: Boston Bay Mines Ltd.

<u>Sample No.</u>	<u>Au oz.</u>	<u>Pt oz.</u>	<u>Pd oz.</u>
42052	Trace	Trace	0.005
3	Trace	Trace	0.005
4	0.003	Trace	0.011
5	0.003	Trace	0.006
6	Trace	Trace	0.002
7	Trace	Trace	Trace
8	Trace	Trace	Trace
9	Trace	Trace	Trace
42060	0.002	Trace	0.002
1	0.012	0.005	0.016
2	0.004	Trace	0.006
3	0.005	0.002	0.008
4	0.003	0.002	0.017
42066	0.004	0.004	0.031
42068A	Trace	Trace	0.011
8B	0.004	0.004	0.021
9	0.002	0.003	0.016
42070	0.003	0.002	0.027
1	Trace	Trace	0.012
2	Trace	Trace	0.008
3	Trace	Trace	0.010
4	Trace	Trace	0.005
5	Trace	Trace	0.006
6	Trace	Trace	0.004
7	Trace	Trace	0.005
42777	Trace	Trace	0.004

IN ACCORDANCE WITH LONG-ESTABLISHED NORTH AMERICAN CUSTOM, UNLESS IT IS SPECIFICALLY STATED OTHERWISE GOLD AND SILVER VALUES REPORTED ON THESE SHEETS HAVE NOT BEEN ADJUSTED TO COMPENSATE FOR LOSSES AND GAINS INHERENT IN THE FIRE ASSAY PROCESS.

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Certificate of Analysis

NO. 0762

DATE: April 1, 1987

SAMPLE(S) OF: Core (26)

RECEIVED: March 1987

SAMPLE(S) FROM: Boston Bay Mines Ltd.

<u>Sample No.</u>	<u>Au oz.</u>	<u>Pt oz.</u>	<u>Pd oz.</u>
44-014	Trace	Trace	0.014
5	0.004	0.004	0.038
6	0.003	Trace	0.013
7	0.006	0.009	0.090
8	0.002	0.006	0.053
9	0.005	0.005	0.055
44-020	0.003	0.003	0.031
1	0.008	0.003	0.038
2	0.003	0.002	0.028
3	Trace	0.002	0.033
4	0.002	0.003	0.031
5	0.002	0.002	0.025
6	0.003	0.009	0.079
7	Trace	0.003	0.023
8	0.002	0.002	0.017
9	0.006	0.004	0.047
44-030	0.003	0.003	0.027
1	0.002	Trace	0.015
2	0.002	Trace	0.028
3	Trace	Trace	0.009
4	Trace	Trace	0.006
5	0.005	Trace	0.015
WH-004	0.003	0.003	0.028
5	0.002	0.002	0.020
WH-0057	Trace	Trace	0.010
WH-0081	0.002	0.002	0.015

IN ACCORDANCE WITH LONG-ESTABLISHED NORTH AMERICAN CUSTOM, UNLESS IT IS SPECIFICALLY STATED OTHERWISE GOLD AND SILVER VALUES REPORTED ON THESE SHEETS HAVE NOT BEEN ADJUSTED TO COMPENSATE FOR LOSSES AND GAINS INHERENT IN THE FIRE ASSAY PROCESS.

BELL-WHITE ANALYTICAL LABORATORIES LTD.



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P.O. BOX 187,

HAILEYBURY, ONTARIO

TEL: 672-3107

Certificate of Analysis

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NO. 0833

DATE: April 9, 1987

SAMPLE(S) OF: Core (55)

RECEIVED: April 1987

SAMPLE(S) FROM: Mr. Todd Sanders, Baoston Bay Mines Ltd.

<u>Sample No.</u>	<u>Au oz.</u>	<u>Pt oz.</u>	<u>Pd oz.</u>
37-3514	Trace	Trace	Trace
39-033	0.003	0.004	0.025
4	0.003	0.003	0.038
5	0.002	0.002	0.018
6	0.003	0.004	0.048
7	0.003	0.002	0.037
39-043	0.002	0.004	0.033
4	0.003	0.004	0.034
5	0.003	0.003	0.030
6	0.002	Trace	0.021
7	0.002	0.003	0.022
8	0.003	0.003	0.041
44-036	0.002	Trace	0.008
7	Trace	Trace	0.003
8	Trace	Trace	0.014
9	0.002	Trace	0.014
44-040	0.004	0.002	0.039
1	0.004	0.004	0.050
2	0.003	0.004	0.022
3	Trace	Trace	0.016
4	Trace	Trace	0.006
5	Trace	Trace	0.008
6	Trace	Trace	0.015
7	0.002	Trace	0.013
8	Trace	Trace	0.012
9	Trace	Trace	0.005
44-050	Trace	Trace	0.007
1	Trace	Trace	0.013

IN ACCORDANCE WITH LONG-ESTABLISHED NORTH AMERICAN CUSTOM, UNLESS IT IS SPECIFICALLY STATED OTHERWISE GOLD AND SILVER VALUES REPORTED ON THESE SHEETS HAVE NOT BEEN ADJUSTED TO COMPENSATE FOR LOSSES AND GAINS INHERENT IN THE FIRE ASSAY PROCESS.

BELL-WHITE ANALYTICAL LABORATORIES LTD.



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P.O. BOX 187.

HAILEYBURY, ONTARIO

TEL: 672-3107

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NO. 0833

DATE: April 9, 1987

SAMPLE(S) OF: Core (55)

RECEIVED: April 1987

SAMPLE(S) FROM: Mr. Todd Sanders, Boston Bay Mines Ltd.

<u>Sample No.</u>	<u>Au oz.</u>	<u>Pt oz.</u>	<u>Pd oz.</u>
44-052	Trace	Trace	0.008
3	Trace	Trace	0.009
4	Trace	Trace	0.007
5	0.002	Trace	0.007
6	Trace	Trace	0.005
7	0.002	Trace	0.017
8	Trace	Trace	0.007
9	Trace	Trace	0.007
44-060	Trace	Trace	0.009
44-604	Trace	Trace	0.004
45-004	0.004	0.002	0.037
5	0.004	0.002	0.028
6	0.006	0.003	0.045
7	0.017	0.013	0.214
8	0.019	0.010	0.162
9	0.006	0.004	0.053
45-010	0.004	0.002	0.036
1	0.005	0.003	0.039
2	0.004	0.002	0.026
3	0.003	0.003	0.024
4	0.006	0.003	0.035
5	0.007	0.003	0.042
6	0.007	0.003	0.048
7	0.004	0.003	0.038
8	0.003	0.003	0.027
S-1	Trace	Trace	Trace
S-2	Trace	Trace	Trace

IN ACCORDANCE WITH LONG-ESTABLISHED NORTH AMERICAN CUSTOM, UNLESS IT IS SPECIFICALLY STATED OTHERWISE GOLD AND SILVER VALUES REPORTED ON THESE SHEETS HAVE NOT BEEN ADJUSTED TO COMPENSATE FOR LOSSES AND GAINS INHERENT IN THE FIRE ASSAY PROCESS.

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HAILEYBURY, ONTARIO

TEL: 672-3107

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NO. 1010

DATE: April 30, 1987

SAMPLE(S) OF: Core (40)

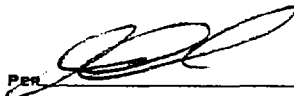
RECEIVED: April 1987

SAMPLE(S) FROM: Boston Bay Mines Ltd.

<u>Sample No.</u>	<u>Au oz.</u>	<u>Pt oz.</u>	<u>Pd oz.</u>
45-019	0.003	0.002	0.021
45-020	0.006	0.003	0.031
1	0.007	0.003	0.068
2	0.010	0.004	0.068
3	0.009	0.003	0.049
4	0.004	Trace	0.054
5	Trace	Trace	0.029
6	0.003	Trace	0.035
7	Trace	Trace	0.018
8	0.004	Trace	0.039
9	0.010	0.003	0.083
45-030	0.005	0.003	0.042
48-031	0.002	0.002	0.030
48-033	Trace	0.002	0.014
45-047	0.012	0.011	0.166
48-032	0.004	0.002	0.032
48-034	0.002	0.002	0.012
5	0.003	0.002	0.015
6	Trace	Trace	0.012
7	Trace	Trace	0.013

IN ACCORDANCE WITH LONG-ESTABLISHED NORTH AMERICAN CUSTOM, UNLESS IT IS SPECIFICALLY STATED OTHERWISE GOLD AND SILVER VALUES REPORTED ON THESE SHEETS HAVE NOT BEEN ADJUSTED TO COMPENSATE FOR LOSSES AND GAINS INHERENT IN THE FIRE ASSAY PROCESS.

BELL-WHITE ANALYTICAL LABORATORIES LTD.

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Certificate of Analysis

Page 2 of 2

NO. 1010

DATE: April 30, 1987

SAMPLE(S) OF: Core (40)

RECEIVED: April 1987

SAMPLE(S) FROM: Boston Bay Mines Ltd.

<u>Sample No.</u>	<u>Au oz.</u>	<u>Pt oz.</u>	<u>Pd oz.</u>
48-038	Trace	Trace	0.005
9	Trace	Trace	0.006
48-040	Trace	Trace	0.016
1	Trace	0.002	0.018
3	Trace	0.002	0.024
4	Trace	0.002	0.023
5	Trace	Trace	0.018
6	Trace	Trace	0.016
7	0.002	0.003	0.031
8	Trace	0.002	0.018
9	Trace	0.003	0.030
48-050	0.004	0.003	0.040
1	Trace	Trace	0.017
2	Trace	Trace	0.011
3	Trace	Trace	0.013
4	Trace	Trace	0.008
5	Trace	Trace	0.010
6	0.002	Trace	0.011
7	Trace	Trace	0.008
86-042	0.002	0.002	0.022

IN ACCORDANCE WITH LONG-ESTABLISHED NORTH AMERICAN CUSTOM, UNLESS IT IS SPECIFICALLY STATED OTHERWISE GOLD AND SILVER VALUES REPORTED ON THESE SHEETS HAVE NOT BEEN ADJUSTED TO COMPENSATE FOR LOSSES AND GAINS INHERENT IN THE FIRE ASSAY PROCESS.


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NO. 2027

DATE: May 14, 1987

SAMPLE(S) OF: Core (56)

RECEIVED: May 1987

SAMPLE(S) FROM: Boston Bay Mines Ltd.

<u>Sample No.</u>	<u>Au oz.</u>	<u>Pt oz.</u>	<u>Pd oz.</u>
34001	Trace	Trace	0.007
2	0.003	Trace	0.020
3	0.004	Trace	0.010
4	0.002	0.002	0.015
5	Trace	Trace	0.010
6	Trace	Trace	0.017
7	0.006	0.002	0.038
8	Trace	Trace	0.011
9	Trace	Trace	Trace
34010	Trace	Trace	Trace
45031	0.025**	0.004	0.062
2	0.007	0.007	0.055
3	0.006	0.003	0.026
4	0.004	0.005	0.031
5	0.004	0.005	0.050
6	0.002	Trace	0.028
7	0.003	Trace	0.026
8	Trace	Trace	0.004
9	0.004	Trace	0.029
45040	0.004	Trace	0.015
1	Trace	Trace	0.007
2	Trace	0.003	0.028
45045	0.002	0.002	0.024
6	0.002	0.002	0.028
45048	0.002	Trace	0.023
48002	0.005	0.006	0.041
48004	0.002	0.005	0.045
48007	0.009	0.004	0.077

** Checked

IN ACCORDANCE WITH LONG-ESTABLISHED NORTH AMERICAN CUSTOM, UNLESS IT IS SPECIFICALLY STATED OTHERWISE GOLD AND SILVER VALUES REPORTED ON THESE SHEETS HAVE NOT BEEN ADJUSTED TO COMPENSATE FOR LOSSES AND GAINS INHERENT IN THE FIRE ASSAY PROCESS.



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NO. 2027

DATE: May 14, 1987

SAMPLE(S) OF: Core (56)

RECEIVED: May 1987

SAMPLE(S) FROM: Boston Bay Mines Ltd.

Sample No.	Au oz.	Pt oz.	Pd oz.
48008	0.003	0.002	0.027
9	0.004	0.003	0.039
48010	0.002	0.003	0.039
1	0.005	0.006	0.053
2	0.003	0.005	0.038
3	0.003	0.004	0.037
48015	0.003	0.002	0.035
6	0.003	0.002	0.021
7	0.002	0.003	0.031
48019	0.006	0.003	0.029
48020	0.002	0.004	0.051
1	0.003	Trace	0.017
48023	0.003	Trace	0.012
4	0.008	0.003	0.060
5	0.008	0.005	0.068
6	0.004	0.002	0.036
7	0.004	0.002	0.016
8	0.002	0.002	0.016
9	0.003	0.002	0.023
48030	0.002	0.004	0.040
48058	Trace	Trace	0.016
9	Trace	Trace	0.008
48060	Trace	Trace	0.009
1	Trace	Trace	0.009
2	Trace	Trace	0.004
3	Trace	Trace	0.003
4	0.010	Trace	0.008
480653	Trace	Trace	Trace

IN ACCORDANCE WITH LONG-ESTABLISHED NORTH AMERICAN CUSTOM, UNLESS IT IS SPECIFICALLY STATED OTHERWISE GOLD AND SILVER VALUES REPORTED ON THESE SHEETS HAVE NOT BEEN ADJUSTED TO COMPENSATE FOR LOSSES AND GAINS INHERENT IN THE FIRE ASSAY PROCESS.

BELL-WHITE ANALYTICAL LABORATORIES LTD.

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NO. 2060

DATE: May 21, 1987

SAMPLE(S) OF: Core (57)

RECEIVED: May 1987

SAMPLE(S) FROM: Boston Bay Mines Ltd.

<u>Sample No.</u>	<u>Au oz.</u>	<u>Pt oz.</u>	<u>Pd oz.</u>
34027	0.009	0.006	0.076
8	Trace	Trace	0.005
9	Trace	Trace	0.004
34030	Trace	Trace	0.006
1	Trace	Trace	0.003
2	0.002	Trace	0.003
3	Trace	Trace	0.003
4	Trace	Trace	0.003
5	Trace	Trace	0.003
6	Trace	Trace	0.004
7	Trace	Trace	0.004
8	Trace	Trace	0.003
9	Trace	Trace	0.002
34040	Trace	Trace	0.003
1	Trace	Trace	0.004
34043	Trace	Trace	0.004
4	Trace	Trace	0.004
5	Trace	Trace	0.004
34047	Trace	Trace	0.003
8	Trace	Trace	0.005
9	Trace	Trace	0.004
34050	Trace	Trace	0.003
1	Trace	Trace	0.005
2	Trace	Trace	0.003
3	Trace	Trace	0.002
4	Trace	Trace	0.005
34056	Trace	Trace	0.004
7	Trace	Trace	Trace
8	Trace	Trace	Trace



Certificate of Analysis

Page 2 of 2

NO. 2060

DATE: May 21, 1987

SAMPLE(S) OF: Core (57)

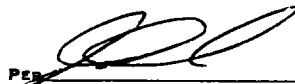
RECEIVED: May 1987

SAMPLE(S) FROM: Boston Bay Mines Ltd.

<u>Sample No.</u>	<u>Au oz.</u>	<u>Pt oz.</u>	<u>Pd oz.</u>
34059	Trace	Trace	Trace
34060	Trace	Trace	Trace
1	Trace	Trace	Trace
2	Trace	Trace	0.005
3	Trace	Trace	0.006
4	Trace	Trace	0.006
5	Trace	Trace	0.006
6	Trace	Trace	0.006
7	Trace	Trace	0.006
34069	Trace	Trace	0.006
34070	Trace	Trace	0.005
1	Trace	Trace	0.006
2	0.003	Trace	0.012
3	Trace	Trace	0.007
4	Trace	Trace	0.013
34076	Trace	Trace	0.006
7	Trace	Trace	0.004
34077	Trace	Trace	0.004
45043	0.002	Trace	0.023
4	0.003	0.002	0.028
45049	Trace	Trace	0.018
48003	0.003	0.003	0.038
48005	0.002	0.002	0.019
6	0.019	0.010	0.128
48014	0.004	0.003	0.041
48018	0.002	0.002	0.015
48022	0.005	0.002	0.035
48065	Trace	Trace	Trace

IN ACCORDANCE WITH LONG-ESTABLISHED NORTH AMERICAN CUSTOM, UNLESS IT IS SPECIFICALLY STATED OTHERWISE GOLD AND SILVER VALUES REPORTED ON THESE SHEETS HAVE NOT BEEN ADJUSTED TO COMPENSATE FOR LOSSES AND GAINS INHERENT IN THE FIRE ASSAY PROCESS.

BELL-WHITE ANALYTICAL LABORATORIES LTD.


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BELL-WHITE ANALYTICAL LABORATORIES LTD.

JUN 05 1987

P.O. BOX 187

HAILEYBURY, ONTARIO

TEL: 672-3107

Certificate of Analysis

NO. 2124

DATE: June 3, 1987

SAMPLE(S) OF: Core (52)

RECEIVED: June 1987

SAMPLE(S) FROM: Boston Bay Mines Ltd.

Sample No.	Au oz.	Pt oz.	Pd oz.	Sample No.	Au oz.	Pt oz.	Pd oz.
34042	Trace	Trace	0.004	45060	0.004	0.004	0.069
34046	Trace	Trace	0.003	1	0.002	0.004	0.049
34055	Trace	Trace	0.005	2	0.002	0.003	0.026
34068	Trace	Trace	0.005	45064	Trace	0.002	0.029
34075	Trace	0.002	0.019	5	Trace	0.002	0.029
43002	0.023	0.027	0.245	45067	Trace	0.002	0.031
3	0.010	0.023	0.126	8	0.004	0.012	0.068
43006	0.011	0.016	0.091	130090	Trace	Trace	0.010
7	0.012	0.018	0.081	130100	Trace	Trace	0.005
43010	0.019	0.019	0.152	130120	Trace	Trace	0.003
1	0.012	0.021	0.174	130310	Trace	Trace	0.003
43014	0.011	0.017	0.145	450708	0.004	0.005	0.047
5	0.014	0.016	0.114	460390	0.004	0.002	0.022
6	0.005	0.008	0.049	460396	0.003	0.003	0.025
43019	0.010	0.017	0.105	460400	0.005	0.006	0.042
43020	0.015	0.020	0.142	460410	0.011	0.004	0.030
1	0.013	0.017	0.121	460420	0.003	0.004	0.034
43052	0.007	0.003	0.063	460430	0.003	0.002	0.017
45052	0.002	0.002	0.015	460440	0.003	0.003	0.026
3	0.002	0.003	0.019	460450	0.004	0.003	0.021
4	0.006	0.003	0.023	460510	Trace	Trace	0.003
5	0.002	Trace	0.013	460520	Trace	Trace	0.008
6	Trace	Trace	Trace	460530	Trace	Trace	0.005
7	Trace	Trace	Trace	460560	0.002	Trace	0.005
8	Trace	Trace	0.002	460590	Trace	Trace	0.021
9	0.002	0.002	0.015	460600	Trace	Trace	0.011

IN ACCORDANCE WITH LONG-ESTABLISHED NORTH AMERICAN CUSTOM, UNLESS IT IS SPECIFICALLY STATED OTHERWISE GOLD AND SILVER VALUES REPORTED ON THESE SHEETS HAVE NOT BEEN ADJUSTED TO COMPENSATE FOR LOSSES AND GAINS INHERENT IN THE FIRE ASSAY PROCESS.

BELL-WHITE ANALYTICAL LABORATORIES LTD.



BELL - WHITE ANALYTICAL LABORATORIES LTD.

P.O. BOX 187.

HAILEYBURY, ONTARIO

TEL: 672-3107

Certificate of Analysis

NO. 2143

DATE: June 4, 1987

SAMPLE(S) OF: Core (50)


RECEIVED: June 1987

SAMPLE(S) FROM: Boston Bay Mines Ltd.

Samp.No.	Au oz.	Pt oz.	Pd oz.	Samp.No.	Au oz.	Pt oz.	Pd oz.
43004	0.007	0.004	0.054	240280	Trace	Trace	Trace
43005	0.012	0.006	0.100	240320	Trace	Trace	Trace
43008	0.007	0.002	0.064	240323	Trace	Trace	Trace
43009	0.009	0.003	0.073	240350	Trace	Trace	Trace
43012	0.013	0.008	0.211	240390	Trace	Trace	Trace
43013	0.014	0.006	0.172	240430	Trace	Trace	Trace
43017	0.003	0.003	0.039	240450	Trace	Trace	0.002
43018	0.008	0.006	0.103	240470	Trace	Trace	0.004
45050	0.002	Trace	0.016	240477	0.002	Trace	0.021
45051	0.002	Trace	0.018	240497	Trace	Trace	0.006
45063	Trace	Trace	0.014	240507	Trace	Trace	0.012
45066	0.003	Trace	0.027	240517	0.006	0.007	0.099
45069	Trace	Trace	0.003	240520	Trace	Trace	0.017
45070	0.008	0.008	0.124	240540	Trace	Trace	0.003
130110	Trace	Trace	0.006	240550	Trace	Trace	Trace
130140	Trace	Trace	0.006	240557	Trace	Trace	Trace
210460	Trace	Trace	Trace	240832	Trace	Trace	0.005
210470	Trace	Trace	Trace	240840	Trace	Trace	0.003
210480	Trace	Trace	Trace	240900	Trace	Trace	Trace
210740	Trace	Trace	Trace	280469	Trace	Trace	Trace
210750	Trace	Trace	Trace	360010	0.003	0.003	0.027
240170	Trace	Trace	0.012	360067	0.018	0.005	0.110
240180	Trace	Trace	Trace	460460	0.002	Trace	0.023
240210	Trace	Trace	0.016	460540	Trace	Trace	0.002
240260	Trace	Trace	Trace	460580	Trace	Trace	0.013

IN ACCORDANCE WITH LONG-ESTABLISHED NORTH AMERICAN CUSTOM, UNLESS IT IS SPECIFICALLY STATED OTHERWISE GOLD AND SILVER VALUES REPORTED ON THESE SHEETS HAVE NOT BEEN ADJUSTED TO COMPENSATE FOR LOSSES AND GAINS INHERENT IN THE FIRE ASSAY PROCESS.

BELL-WHITE ANALYTICAL LABORATORIES LTD.

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BELL-WHITE ANALYTICAL LABORATORIES LTD.

P.O. BOX 187,

HAILEYBURY, ONTARIO

TEL: 672-3107

Certificate of Analysis

NO. 2260

DATE: June 19, 1987

SAMPLE(S) OF: Core (30)


RECEIVED: June 1987

SAMPLE(S) FROM: Boston Bay Mines Ltd.

<u>Sample No.</u>	<u>Au oz.</u>	<u>Pt oz.</u>	<u>Pd oz.</u>
A	Trace	Trace	0.004
B	Trace	Trace	0.009
C	Trace	Trace	0.007
D	Trace	Trace	0.012
E	Trace	Trace	Trace
F	0.002	0.003	0.122
G	Trace	Trace	0.008
H	Trace	Trace	0.004
I	Trace	Trace	0.004
J	0.007	0.003	0.050
K	0.004	0.002	0.036
L	Trace	Trace	0.006
M	0.003	Trace	0.025
N	Trace	Trace	0.002
G	Trace	Trace	0.009
P	0.006	0.004	0.039
Q	0.003	Trace	0.024
R	0.003	0.002	0.026
S	Trace	Trace	0.010
T	0.002	0.002	0.041
U	Trace	Trace	0.004
V	Trace	Trace	0.011
W	0.006	0.004	0.048
X	Trace	Trace	0.002
Y	0.006	0.005	0.158
Z	Trace	Trace	0.006
AA	Trace	Trace	0.013
BB	Trace	Trace	0.016
CC	Trace	Trace	0.004
DD	Trace	Trace	0.021

IN ACCORDANCE WITH LONG-ESTABLISHED NORTH AMERICAN CUSTOM, UNLESS IT IS SPECIFICALLY STATED OTHERWISE GOLD AND SILVER VALUES REPORTED ON THESE SHEETS HAVE NOT BEEN ADJUSTED TO COMPENSATE FOR LOSSES AND GAINS INHERENT IN THE FIRE ASSAY PROCESS.

BELL-WHITE ANALYTICAL LABORATORIES LTD.


PER _____



Certificate of Analysis

Page 1 of 6

NO. 2261

DATE: June 19, 1987

SAMPLE(S) OF: Core (183)

RECEIVED: June 1987

SAMPLE(S) FROM: Boston Bay Mines Ltd.

<u>Sample No.</u>	<u>Au oz.</u>	<u>Pt oz.</u>	<u>Pd oz.</u>
156	Trace	Trace	0.004
120780	Trace	Trace	Trace
120790	0.002	Trace	0.005
120828	Trace	0.002	0.020
120860	0.003	Trace	0.020
120880	Trace	Trace	0.028
121120	0.002	Trace	0.011
121130	Trace	Trace	0.023
121223	0.003	Trace	0.012
121228	Trace	Trace	0.007
130080	Trace	0.003	0.073
130112	Trace	Trace	0.033
130130	Trace	0.002	0.070
130169	Trace	Trace	0.006
130320	Trace	Trace	0.004
130350	Trace	Trace	0.005
130360	Trace	Trace	0.024
130380	Trace	Trace	0.005
130400	Trace	Trace	0.005
130410	Trace	Trace	0.005
130420	Trace	Trace	0.004
130430	Trace	Trace	0.004
130450	Trace	Trace	0.004
130470	Trace	Trace	0.006
130480	Trace	Trace	0.011
130490	Trace	Trace	0.007
130530	Trace	Trace	0.005
130540	Trace	Trace	0.004
130550	Trace	Trace	0.003
150570	Trace	Trace	0.003

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IN ACCORDANCE WITH LONG-ESTABLISHED NORTH AMERICAN CUSTOM, UNLESS IT IS SPECIFICALLY STATED OTHERWISE GOLD AND SILVER VALUES REPORTED ON THESE SHEETS HAVE NOT BEEN ADJUSTED TO COMPENSATE FOR LOSSES AND GAINS INHERENT IN THE FIRE ASSAY PROCESS.

BELL-WHITE ANALYTICAL LABORATORIES LTD.



Certificate of Analysis

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NO. 2261

DATE: June 19, 1987

SAMPLE(S) OF: Core (183)

RECEIVED: June 1987

SAMPLE(S) FROM: Boston Bay Mines Ltd.

<u>Sample No.</u>	<u>Au oz.</u>	<u>Pt oz.</u>	<u>Pd oz.</u>
130580	Trace	Trace	0.004
130590	Trace	Trace	0.004
130600	Trace	Trace	0.030
130620	Trace	Trace	0.004
130640	Trace	Trace	0.004
130650	Trace	Trace	0.010
130660	Trace	Trace	0.016
130670	Trace	Trace	0.026
130680	0.002	Trace	0.005
130690	0.005	Trace	0.024
130760	0.002	Trace	0.021
130770	0.002	Trace	0.006
130790	Trace	Trace	Trace
130800	Trace	Trace	0.006
130811	0.002	Trace	0.011
131030	Trace	Trace	0.005
131040	Trace	0.003	0.046
131050	Trace	Trace	0.006
131080	0.003	0.002	0.075
131088	0.002	Trace	0.007
131110	Trace	Trace	0.006
140054	Trace	Trace	0.004
140073	Trace	Trace	0.004
140091	Trace	Trace	0.007
140110	Trace	Trace	0.018
140200	Trace	Trace	0.025
140210	Trace	Trace	0.004
140230	Trace	Trace	0.004
140250A	Trace	Trace	0.020
140250B	Trace	Trace	0.007

IN ACCORDANCE WITH LONG-ESTABLISHED NORTH AMERICAN CUSTOM, UNLESS IT IS SPECIFICALLY STATED OTHERWISE GOLD AND SILVER VALUES REPORTED ON THESE SHEETS HAVE NOT BEEN ADJUSTED TO COMPENSATE FOR LOSSES AND GAINS INHERENT IN THE FIRE ASSAY PROCESS.

BELL-WHITE ANALYTICAL LABORATORIES LTD.

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Certificate of Analysis

Page 3 of 6

NO. 2261

DATE: June 19, 1987

SAMPLE(S) OF: Core (183)

RECEIVED: June 1987

SAMPLE(S) FROM: Boston Bay Mines Ltd.

<u>Sample No.</u>	<u>Au oz.</u>	<u>Pt oz.</u>	<u>Pd oz.</u>
140270	Trace	0.002	0.036
140280	0.003	0.005	0.100
140290	Trace	Trace	0.012
140300	Trace	Trace	0.012
140350	Trace	Trace	0.012
140380	Trace	Trace	0.003
140441	0.005	Trace	0.004
140450	Trace	Trace	0.003
140490	Trace	Trace	0.003
140510	Trace	Trace	0.003
140559	Trace	Trace	0.003
140579	Trace	Trace	0.004
140590	Trace	Trace	0.004
140656	Trace	Trace	0.003
140660	Trace	Trace	0.003
140670	Trace	Trace	0.007
140720	Trace	Trace	0.003
140760	Trace	Trace	0.008
140770	Trace	Trace	0.008
140880	Trace	Trace	0.010
140830	Trace	Trace	Trace
141070	0.002	0.005	0.078
141080	0.012	0.012	0.270
141130	Trace	Trace	0.079
141160	Trace	Trace	0.006
141170	0.002	0.002	0.065
141190	Trace	Trace	0.016
170750	Trace	Trace	0.004
210450	Trace	Trace	Trace
210800	Trace	Trace	0.002

IN ACCORDANCE WITH LONG-ESTABLISHED NORTH AMERICAN CUSTOM, UNLESS IT IS SPECIFICALLY STATED OTHERWISE GOLD AND SILVER VALUES REPORTED ON THESE SHEETS HAVE NOT BEEN ADJUSTED TO COMPENSATE FOR LOSSES AND GAINS INHERENT IN THE FIRE ASSAY PROCESS.

BELL-WHITE ANALYTICAL LABORATORIES LTD.



Certificate of Analysis

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NO. 2261

DATE: June 19, 1987

SAMPLE(S) OF: Core (183)

RECEIVED: June 1987

SAMPLE(S) FROM: Boston Bay Mines Ltd.

Sample No.	Au oz.	Pt oz.	Pd oz.
210808	Trace	Trace	Trace
240020	Trace	Trace	0.006
240040	0.003	Trace	0.015
240051	Trace	Trace	0.008
240090	Trace	0.002	0.041
240100	0.010	0.007	0.072
240109	0.004	0.007	0.084
240130	0.005	0.009	0.102
240167	Trace	Trace	0.007
240190	0.004	0.004	0.043
240200	0.004	0.004	0.037
240220	Trace	Trace	Trace
240240	Trace	Trace	Trace
240250	Trace	Trace	Trace
240270	Trace	Trace	Trace
240290	Trace	Trace	Trace
240300	Trace	Trace	Trace
240310	Trace	Trace	0.004
240360	Trace	Trace	Trace
240370	Trace	Trace	Trace
240380	Trace	Trace	Trace
240399	Trace	Trace	Trace
240410	Trace	Trace	Trace
240440	Trace	Trace	Trace
240490	0.004	0.004	0.042
240530	Trace	Trace	0.003
240820	Trace	Trace	0.015
240850	Trace	Trace	0.013
240870	Trace	Trace	0.028
240880	Trace	Trace	0.009
240890	Trace	Trace	0.013

IN ACCORDANCE WITH LONG-ESTABLISHED NORTH AMERICAN CUSTOM. UNLESS IT IS SPECIFICALLY STATED OTHERWISE GOLD AND SILVER VALUES REPORTED ON THESE SHEETS HAVE NOT BEEN ADJUSTED TO COMPENSATE FOR LOSSES AND GAINS INHERENT IN THE FIRE ASSAY PROCESS.



Certificate of Analysis

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NO. 2261

DATE: June 19, 1987

SAMPLE(S) OF: Core (183)

RECEIVED: June 1987

SAMPLE(S) FROM: Boston Bay Mines Ltd.

<u>Sample No.</u>	<u>Au oz.</u>	<u>Pt oz.</u>	<u>Pd oz.</u>
240910	Trace	Trace	Trace
320310	Trace	Trace	0.002
320320	Trace	Trace	0.002
320330	Trace	Trace	0.003
320340	Trace	Trace	0.008
320360	Trace	Trace	0.004
320390	Trace	Trace	0.004
320400	Trace	Trace	0.004
320420	Trace	Trace	0.003
320440	Trace	Trace	Trace
320470	Trace	Trace	0.002
320490	Trace	Trace	Trace
360020	0.002	0.003	0.030
360030	0.003	0.005	0.049
360040	0.006	0.006	0.085
360170	0.004	0.003	0.035
360190	0.006	0.006	0.067
360200	0.003	Trace	0.017
360202	0.005	0.004	0.041
360230	0.005	0.006	0.040
360240	0.006	0.003	0.033
360250	0.004	0.003	0.062
360270	Trace	Trace	0.025
360280	0.002	0.002	0.027
360300	0.002	0.003	0.037
360310	Trace	Trace	0.009
360330	0.002	0.003	0.036
360340	0.003	Trace	0.020
360350	Trace	Trace	0.017
360360	Trace	0.002	0.028
360362	Trace	Trace	0.008

IN ACCORDANCE WITH LONG-ESTABLISHED NORTH AMERICAN CUSTOM, UNLESS IT IS SPECIFICALLY STATED OTHERWISE GOLD AND SILVER VALUES REPORTED ON THESE SHEETS HAVE NOT BEEN ADJUSTED TO COMPENSATE FOR LOSSES AND GAINS INHERENT IN THE FIRE ASSAY PROCESS.

BELL-WHITE ANALYTICAL LABORATORIES LTD.

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Certificate of Analysis

Page 6 of 6

NO. 2261

DATE: June 19, 1987

SAMPLE(S) OF: Core (183)

RECEIVED: June 1987

SAMPLE(S) FROM: Boston Bay Mines Ltd.

<u>Sample No.</u>	<u>Au oz.</u>	<u>Pt oz.</u>	<u>Pd oz.</u>
360470	0.003	0.002	0.034
360480	0.003	0.004	0.036
360510	0.002	0.003	0.044
360530	0.003	0.002	0.022
360550	0.006	0.002	0.018
360560	0.002	0.002	0.017
360610	Trace	Trace	0.007
360630	Trace	Trace	0.003
360650	Trace	Trace	0.010
360690	0.006	Trace	0.019
360700	0.002	Trace	0.025
360720	Trace	Trace	0.009
360750	Trace	Trace	0.023
360770	Trace	Trace	0.005
360820	Trace	Trace	0.007
430230	0.014	0.004	0.102
430360	0.004	0.004	0.041
430440	0.002	0.002	0.023
430470	0.003	0.002	0.020
460040	0.002	Trace	0.030
460110	0.003	0.004	0.057
460130	0.005	0.004	0.060
460150	0.005	0.006	0.056
460210	0.003	Trace	0.008
460220	0.002	0.003	0.047
460370	0.002	0.003	0.019
460390	0.003	0.003	0.034
460480	0.003	Trace	0.017
460490	0.002	Trace	0.025
460570	0.011	0.003	0.081
460690	Trace	Trace	0.010

IN ACCORDANCE WITH LONG-ESTABLISHED NORTH AMERICAN CUSTOM, UNLESS IT IS SPECIFICALLY STATED OTHERWISE GOLD AND SILVER VALUES REPORTED ON THESE SHEETS HAVE NOT BEEN ADJUSTED TO COMPENSATE FOR LOSSES AND GAINS INHERENT IN THE FIRE ASSAY PROCESS.

BELL-WHITE ANALYTICAL LABORATORIES LTD.

PER 



Certificate of Analysis

Page 1 of 2

NO. 2319

DATE: June 26, 1987

SAMPLE(S) OF: Core (55)

RECEIVED: June 1987

SAMPLE(S) FROM: Boston Bay Mines Ltd.

<u>Sample No.</u>	<u>Au oz.</u>	<u>Pt. oz.</u>	<u>Pd oz.</u>
130440	Trace	Trace	0.003
131190	Trace	Trace	Trace
141120	0.002	0.003	0.080
141235	Trace	Trace	0.007
140020	Trace	Trace	0.002
140060	Trace	Trace	0.004
140080	Trace	Trace	0.003
140240	Trace	Trace	0.005
140305	Trace	Trace	0.011
140330	0.002	0.006	0.243
140340	Trace	Trace	0.010
140470	Trace	Trace	0.005
140530	Trace	Trace	0.008
140550	Trace	Trace	0.004
140640	Trace	Trace	0.005
140850	Trace	Trace	0.008
240030	Trace	Trace	0.007
240060	Trace	Trace	0.010
240071	Trace	Trace	0.011
240120	0.014	0.005	0.079
240160	Trace	Trace	0.004
320380	Trace	Trace	0.005
360730	Trace	Trace	0.016
360660	Trace	Trace	0.010
360680	Trace	Trace	0.004
370340	Trace	Trace	Trace
370350	Trace	Trace	Trace
370360	Trace	Trace	Trace
370377	0.002	Trace	Trace
430280	0.010	0.004	0.065

IN ACCORDANCE WITH LONG-ESTABLISHED NORTH AMERICAN CUSTOM, UNLESS IT IS SPECIFICALLY STATED OTHERWISE GOLD AND SILVER VALUES REPORTED ON THESE SHEETS HAVE NOT BEEN ADJUSTED TO COMPENSATE FOR LOSSES AND GAINS INHERENT IN THE FIRE ASSAY PROCESS.



Certificate of Analysis

NO. 2319

Page 2 of 2

DATE: June 26, 1987

SAMPLE(S) OF: Core (55)

RECEIVED: June 1987

SAMPLE(S) FROM: Boston Bay Mines Ltd.

<u>Sample No.</u>	<u>Au oz.</u>	<u>Pt. oz.</u>	<u>Pd oz.</u>
430310	0.003	Trace	0.041
430320	0.002	Trace	0.023
430430	0.002	0.003	0.023
430490	0.005	0.005	0.045
430500	0.006	0.004	0.043
430510	0.006	Trace	0.019
430520	0.004	Trace	0.015
460060	0.002	0.002	0.045
460080	0.012	0.005	0.052
460090	0.004	0.003	0.053
460100	0.004	0.002	0.046
460110	0.002	0.003	0.032
460170	0.002	0.003	0.021
460180	0.003	0.007	0.048
460200	0.005	Trace	0.013
460250	0.025	0.007	0.088
460270	0.002	0.003	0.039
460340	Trace	Trace	0.004
460350	0.006	0.002	0.039
460658	Trace	Trace	0.009
460699	Trace	Trace	0.006
A	Trace	Trace	0.011
B	Trace	Trace	0.006
C	Trace	Trace	0.009
D	Trace	Trace	0.002



Certificate of Analysis

Page 1 of 2

NO. 2331

DATE: June 29, 1987

SAMPLE(S) OF: Core (147)

RECEIVED: June 1987

SAMPLE(S) FROM: Boston Bay Mines Ltd.

Table with 8 columns: Sample No., Au oz., Pt oz., Pd oz., Sample No., Au oz., Pt oz., Pd oz. containing assay data for various samples.

IN ACCORDANCE WITH LONG-ESTABLISHED NORTH AMERICAN CUSTOM, UNLESS IT IS SPECIFICALLY STATED OTHERWISE GOLD AND SILVER VALUES REPORTED ON THESE SHEETS HAVE NOT BEEN ADJUSTED TO COMPENSATE FOR LOSSES AND GAINS INHERENT IN THE FIRE ASSAY PROCESS.

BELL-WHITE ANALYTICAL LABORATORIES LTD.

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Certificate of Analysis

Page 2 of 2

NO. 2331

DATE:

June 29, 1987

SAMPLE(S) OF: Core (147)

RECEIVED:

June 1987

SAMPLE(S) FROM: Boston Bay Mines Ltd.

Table with 8 columns: Sample No., Au oz., Pt oz., Pd oz., Sample No., Au oz., Pt oz., Pd oz. containing assay data for various sample numbers.

IN ACCORDANCE WITH LONG-ESTABLISHED NORTH AMERICAN CUSTOM, UNLESS IT IS SPECIFICALLY STATED OTHERWISE GOLD AND SILVER VALUES REPORTED ON THESE SHEETS HAVE NOT BEEN ADJUSTED TO COMPENSATE FOR LOSSES AND GAINS INHERENT IN THE FIRE ASSAY PROCESS.

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BELL - WHITE ANALYTICAL LABORATORIES LTD.

P.O. BOX 187.

HAILEYBURY, ONTARIO

TEL: 672-3107

Certificate of Analysis

NO. 2332

DATE: June 29, 1987

SAMPLE(S) OF: Rock (6)

RECEIVED: June 1987

SAMPLE(S) FROM: Boston Bay Mines Ltd.

<u>Sample No.</u>	<u>Au oz.</u>	<u>Pt oz.</u>	<u>Pd oz.</u>
Juby #1	Trace	Trace	Trace
#2	Trace	Trace	0.007
#3	Trace	Trace	Trace
#4	Trace	Trace	Trace
#5	Trace	Trace	Trace
#6	Trace	Trace	Trace

IN ACCORDANCE WITH LONG-ESTABLISHED NORTH AMERICAN CUSTOM, UNLESS IT IS SPECIFICALLY STATED OTHERWISE GOLD AND SILVER VALUES REPORTED ON THESE SHEETS HAVE NOT BEEN ADJUSTED TO COMPENSATE FOR LOSSES AND GAINS INHERENT IN THE FIRE ASSAY PROCESS.

BELL-WHITE ANALYTICAL LABORATORIES LTD.

PER 



JUL 20 1987

Certificate of Analysis

NO. 2480

DATE: July 16, 1987

SAMPLE(S) OF: Core (52)

RECEIVED: July 1987

SAMPLE(S) FROM: Boston Bay Mines Ltd.

Sample No.	Au oz.	Pt oz.	Pd oz.	Sample No.	Au oz.	Pt oz.	Pd oz.
151177	Trace	Trace	0.006	320500	Trace	Trace	Trace
187	Trace	Trace	0.006	510	Trace	Trace	Trace
190	Trace	Trace	0.009	520	Trace	Trace	Trace
151200	Trace	Trace	0.011	530	Trace	Trace	Trace
210	Trace	Trace	0.004	540	Trace	Trace	0.002
220	Trace	Trace	0.012	550	Trace	Trace	Trace
230	Trace	Trace	0.005	560	Trace	Trace	Trace
240	Trace	Trace	0.006	570	0.002	Trace	Trace
250	Trace	Trace	0.012	580	Trace	Trace	Trace
260	Trace	Trace	0.011	590	0.003	Trace	Trace
270	Trace	0.002	0.013	320600	Trace	Trace	Trace
280	0.002	0.004	0.036	610	Trace	Trace	Trace
290	0.005	0.004	0.046	620	0.003	Trace	Trace
151300	0.005	0.002	0.027	630	0.003	Trace	Trace
310	0.002	Trace	0.014	640	Trace	Trace	Trace
320	0.003	Trace	0.018	650	Trace	Trace	Trace
330	0.003	0.002	0.023	660	0.002	Trace	Trace
340	0.004	0.003	0.025	670	Trace	Trace	Trace
350	0.007	Trace	0.014	680	Trace	Trace	Trace
360	0.003	Trace	0.015	690	Trace	Trace	Trace
370	0.004	0.002	0.016	320710	0.002	Trace	Trace
380	0.003	Trace	0.016	720	Trace	Trace	Trace
390	0.011	0.006	0.044	730	Trace	Trace	Trace
151400	0.006	0.002	0.021	740	Trace	Trace	Trace
407	0.003	0.003	0.018	750	Trace	Trace	Trace
320???	Trace	Trace	Trace	760	0.002	Trace	Trace

IN ACCORDANCE WITH LONG-ESTABLISHED NORTH AMERICAN CUSTOM, UNLESS IT IS SPECIFICALLY STATED OTHERWISE GOLD AND SILVER VALUES REPORTED ON THESE SHEETS HAVE NOT BEEN ADJUSTED TO COMPENSATE FOR LOSSES AND GAINS INHERENT IN THE FIRE ASSAY PROCESS.

PER [Signature]



BELL - WHITE ANALYTICAL LABORATORIES LTD.

P.O. BOX 187,

HAILEYBURY, ONTARIO

TEL: 672-3107

Certificate of Analysis

NO. 2540

DATE: July 22, 1987

SAMPLE(S) OF: Core (49)

RECEIVED: July 1987

SAMPLE(S) FROM: Boston Bay Mines Ltd.

Sample No.	Au oz.	Pt oz.	Pd oz.	Sample No.	Au oz.	Pt oz.	Pd oz.
120838	0.003	0.004	0.086	161240	Trace	Trace	0.008
848	0.007	0.003	0.040	250	Trace	Trace	0.009
121157	Trace	Trace	0.014	260	Trace	Trace	0.008
167	Trace	Trace	0.012	270	Trace	Trace	0.009
194	0.004	Trace	0.019	210550	Trace	Trace	Trace
204	0.003	Trace	0.012	560	Trace	Trace	Trace
130703	0.004	Trace	0.020	570	Trace	Trace	Trace
713	Trace	Trace	0.005	580	Trace	Trace	Trace
723	Trace	Trace	0.008	590	Trace	Trace	Trace
733	Trace	Trace	0.019	640	Trace	Trace	0.002
843	Trace	Trace	0.014	650	Trace	Trace	Trace
853	0.005	0.002	0.045	660	Trace	Trace	Trace
131194	Trace	Trace	0.032	670	Trace	Trace	Trace
204	Trace	Trace	0.003	680	Trace	Trace	Trace
160930	Trace	Trace	0.016	740	Trace	Trace	Trace
940	Trace	Trace	0.015	750	Trace	Trace	Trace
960	0.005	Trace	0.018	760	Trace	Trace	Trace
950	Trace	Trace	0.022	769	Trace	Trace	Trace
970	Trace	Trace	0.011	240332	Trace	Trace	Trace
161130	Trace	Trace	0.009	342	Trace	Trace	Trace
140	Trace	Trace	0.009	577	Trace	Trace	Trace
150	Trace	Trace	0.008	587	Trace	Trace	Trace
160	Trace	Trace	0.009	597	Trace	Trace	0.003
170	Trace	Trace	0.006	607	0.002	Trace	0.005
230	Trace	Trace	0.010				

IN ACCORDANCE WITH LONG-ESTABLISHED NORTH AMERICAN CUSTOM, UNLESS IT IS SPECIFICALLY STATED OTHERWISE GOLD AND SILVER VALUES REPORTED ON THESE SHEETS HAVE NOT BEEN ADJUSTED TO COMPENSATE FOR LOSSES AND GAINS INHERENT IN THE FIRE ASSAY PROCESS.

BELL-WHITE ANALYTICAL LABORATORIES LTD.



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P.O. BOX 187.

HAILEYBURY, ONTARIO

TEL: 672-3107

Certificate of Analysis

NO. 2646

DATE: July 30, 1987

SAMPLE(S) OF: Core (48)

RECEIVED: July 1987

SAMPLE(S) FROM: Boston Bay Mines Ltd.

Sample No.	Au oz.	Pt oz.	Pd oz.	Sample No.	Au oz.	Pt oz.	Pd oz.
210157	0.003	Trace	Trace	300209	Trace	Trace	0.002
167	0.002	Trace	Trace	219	Trace	Trace	0.002
198	Trace	Trace	Trace	248	Trace	Trace	Trace
208	Trace	Trace	Trace	238	Trace	Trace	0.002
257	Trace	Trace	Trace	228	Trace	Trace	0.002
300024	Trace	Trace	0.003	258	Trace	Trace	0.003
034	Trace	Trace	0.002	267	Trace	Trace	0.005
044	Trace	Trace	Trace	277	Trace	Trace	0.003
053	Trace	Trace	Trace	287	Trace	Trace	Trace
063	Trace	Trace	Trace	297	Trace	Trace	Trace
073	Trace	Trace	Trace	307	Trace	Trace	Trace
083	Trace	Trace	0.005	360	Trace	Trace	Trace
092	Trace	Trace	0.007	370	Trace	Trace	Trace
300102	Trace	Trace	0.002	380	Trace	Trace	Trace
112	Trace	Trace	0.005	390	Trace	Trace	Trace
122	Trace	Trace	0.004	400	Trace	Trace	Trace
132	Trace	Trace	Trace	460	Trace	Trace	Trace
142	Trace	Trace	Trace	520	Trace	Trace	Trace
152	Trace	Trace	Trace	640	Trace	Trace	Trace
162	Trace	Trace	Trace	660	Trace	Trace	Trace
171	Trace	Trace	0.002	810	Trace	Trace	Trace
171	Trace	Trace	0.003	820	Trace	Trace	Trace
190	Trace	Trace	0.003	830	Trace	Trace	Trace
200	Trace	Trace	0.002	840	Trace	Trace	Trace

IN ACCORDANCE WITH LONG-ESTABLISHED NORTH AMERICAN CUSTOM, UNLESS IT IS SPECIFICALLY STATED OTHERWISE GOLD AND SILVER VALUES REPORTED ON THESE SHEETS HAVE NOT BEEN ADJUSTED TO COMPENSATE FOR LOSSES AND GAINS INHERENT IN THE FIRE ASSAY PROCESS.

BELL-WHITE ANALYTICAL LABORATORIES LTD.



Certificate of Analysis

NO. 2710

DATE: August 6, 1987

SAMPLE(S) OF: Core (72)

RECEIVED: August 1987

SAMPLE(S) FROM: Boston Bay Mines Ltd.

Sample No.	Au oz.	Pt oz.	Pd oz.	Sample No.	Au oz.	Pt oz.	Pd oz.
WH 0013	0.004	0.002	0.035	160990	Trace	Trace	0.006
23	0.002	Trace	0.017	161000	Trace	Trace	0.006
93	Trace	Trace	0.006	010	Trace	Trace	0.006
WH 0103	Trace	Trace	0.004	020	Trace	Trace	0.006
113	Trace	Trace	0.002	030	Trace	Trace	0.014
117	Trace	Trace	0.005	040	Trace	Trace	0.006
21177	Trace	Trace	Trace	050	Trace	Trace	0.006
87	Trace	Trace	0.003	060	Trace	Trace	0.007
21217	Trace	Trace	Trace	070	Trace	Trace	0.007
227	Trace	Trace	Trace	080	Trace	Trace	0.007
237	Trace	Trace	Trace	090	Trace	Trace	0.007
247	Trace	Trace	Trace	161100	Trace	Trace	0.009
280	Trace	Trace	Trace	110	Trace	Trace	0.008
290	Trace	Trace	Trace	120	Trace	Trace	0.007
21300	Trace	Trace	Trace	180	Trace	Trace	0.007
310	Trace	Trace	Trace	190	Trace	Trace	0.006
320	Trace	Trace	Trace	200	Trace	Trace	0.007
330	Trace	Trace	Trace	210	Trace	Trace	0.007
340	Trace	Trace	Trace	220	Trace	Trace	0.008
350	Trace	Trace	Trace	280	Trace	Trace	0.006
360	Trace	Trace	Trace	290	Trace	Trace	0.007
370	Trace	Trace	Trace	300	Trace	Trace	0.007
380	Trace	Trace	Trace	310	Trace	Trace	0.007
390	Trace	Trace	Trace	320	Trace	Trace	0.006
400	Trace	Trace	Trace	360	Trace	Trace	0.010
410	Trace	Trace	Trace	370	Trace	Trace	0.013
420	Trace	Trace	Trace	380	Trace	Trace	0.012
430	Trace	Trace	Trace	210600	Trace	Trace	Trace
440	Trace	Trace	Trace	610	Trace	Trace	Trace
490	Trace	Trace	Trace	620	Trace	Trace	Trace
500	Trace	Trace	Trace	630	Trace	Trace	Trace
510	Trace	Trace	Trace	210690	Trace	Trace	Trace
520	Trace	Trace	Trace	700	Trace	Trace	Trace
530	Trace	Trace	Trace	710	Trace	Trace	Trace
540	Trace	Trace	Trace	720	Trace	Trace	Trace
160980	Trace	Trace	0.007	730	Trace	Trace	Trace

IN ACCORDANCE WITH LONG-ESTABLISHED NORTH AMERICAN CUSTOM, UNLESS IT IS SPECIFICALLY STATED OTHERWISE GOLD AND SILVER VALUES REPORTED ON THESE SHEETS HAVE NOT BEEN ADJUSTED TO COMPENSATE FOR LOSSES AND GAINS INHERENT IN THE FIRE ASSAY PROCESS.

BELL-WHITE ANALYTICAL LABORATORIES LTD.



Certificate of Analysis

Page 1 of 2

NO. 2755

DATE: August 12, 1987

SAMPLE(S) OF: Core (113)

RECEIVED: August 1987

SAMPLE(S) FROM: Boston Bay Mines Ltd.

Sample No.	Au oz.	Pt oz.	Pd oz.	Sample No.	Au oz.	Pt oz.	Pd oz.
27002	Trace	Trace	0.006	27031	Trace	Trace	Trace
3	Trace	Trace	0.003	2	Trace	Trace	Trace
4	Trace	Trace	Trace	3	Trace	Trace	Trace
5	Trace	Trace	Trace	4	Trace	Trace	Trace
6	Trace	Trace	Trace	5	Trace	Trace	Trace
7	Trace	Trace	Trace	6	Trace	Trace	Trace
8	Trace	Trace	Trace	7	Trace	Trace	Trace
9	Trace	Trace	Trace	8	Trace	Trace	Trace
27010	Trace	Trace	Trace	9	Trace	Trace	Trace
1	Trace	Trace	Trace	27040	Trace	Trace	Trace
2	Trace	Trace	Trace	1	Trace	Trace	Trace
3	Trace	Trace	Trace	2	Trace	Trace	Trace
4	Trace	Trace	Trace	3	Trace	Trace	Trace
5	Trace	Trace	Trace	4	Trace	Trace	Trace
6	Trace	Trace	Trace	5	Trace	Trace	Trace
7	Trace	Trace	Trace	6	Trace	Trace	Trace
8	Trace	Trace	Trace	7	Trace	Trace	Trace
9	Trace	Trace	Trace	8	Trace	Trace	Trace
27020	Trace	Trace	Trace	9	Trace	Trace	Trace
1	Trace	Trace	Trace	27050	Trace	Trace	Trace
2	Trace	Trace	Trace	1	Trace	Trace	Trace
3	Trace	Trace	Trace	2	Trace	Trace	Trace
4	Trace	Trace	Trace	3	Trace	Trace	Trace
5	Trace	Trace	Trace	30054	Trace	Trace	Trace
6	Trace	Trace	Trace	5	Trace	Trace	Trace
7	Trace	Trace	Trace	6	Trace	Trace	Trace
8	Trace	Trace	Trace	7	Trace	Trace	Trace
9	Trace	Trace	Trace	8	Trace	Trace	Trace
27030	Trace	Trace	Trace	9	Trace	Trace	Trace

IN ACCORDANCE WITH LONG-ESTABLISHED NORTH AMERICAN CUSTOM, UNLESS IT IS SPECIFICALLY STATED OTHERWISE GOLD AND SILVER VALUES REPORTED ON THESE SHEETS HAVE NOT BEEN ADJUSTED TO COMPENSATE FOR LOSSES AND GAINS INHERENT IN THE FIRE ASSAY PROCESS.

BELL-WHITE ANALYTICAL LABORATORIES LTD.



Certificate of Analysis

Page 2 of 2

NO. 2755

DATE: August 12, 1987

SAMPLE(S) OF: Core (113)

RECEIVED: August 1987

SAMPLE(S) FROM: Boston Bay Mines Ltd.

Table with 8 columns: Sample No., Au oz., Pt oz., Pd oz., Sample No., Au oz., Pt oz., Pd oz. containing assay data for various samples.

IN ACCORDANCE WITH LONG-ESTABLISHED NORTH AMERICAN CUSTOM, UNLESS IT IS SPECIFICALLY STATED OTHERWISE GOLD AND SILVER VALUES REPORTED ON THESE SHEETS HAVE NOT BEEN ADJUSTED TO COMPENSATE FOR LOSSES AND GAINS INHERENT IN THE FIRE ASSAY PROCESS.

BELL-WHITE ANALYTICAL LABORATORIES LTD.

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P.O. BOX 187.

HAILEYBURY, ONTARIO

TEL: 672-3107

Certificate of Analysis

NO. 2795

DATE: August 17, 1987

SAMPLE(S) OF: Pulps (8)

RECEIVED: August 1987

SAMPLE(S) FROM: Mr. George W. Reschke, Boston Bay Mines Ltd.

<u>Sample No.</u>	<u>Au oz.</u>	<u>Pt oz.</u>	<u>Pd oz.</u>	<u>Cu %</u>	<u>Ni %</u>
#1	0.307	0.187	1.980	0.72	0.82
#2	0.331	0.194	2.090	0.78	0.92
#3	0.338	0.081	1.010	0.48	1.10
#4	1.397	0.039	0.667	0.66	0.78
#5	0.170	0.177	1.240	0.86	0.92
#6	0.773	0.070	1.010	0.50	1.00
#7	0.384	0.077	0.986	0.66	1.00
#8	0.374	0.190	2.140	0.56	0.98

IN ACCORDANCE WITH LONG-ESTABLISHED NORTH AMERICAN CUSTOM, UNLESS IT IS SPECIFICALLY STATED OTHERWISE GOLD AND SILVER VALUES REPORTED ON THESE SHEETS HAVE NOT BEEN ADJUSTED TO COMPENSATE FOR LOSSES AND GAINS INHERENT IN THE FIRE ASSAY PROCESS.

BELL-WHITE ANALYTICAL LABORATORIES LTD.



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P.O. BOX 187,

HAILEYBURY, ONTARIO

TEL: 672-3107

Certificate of Analysis

NO. 2878 (Corrected)

DATE: August 21, 1987

SAMPLE(S) OF: Rock (4)

RECEIVED: August 1987

SAMPLE(S) FROM: Madeline Mines Ltd.

<u>Sample No.</u>	<u>Au oz.</u>	<u>Ag oz.</u>	<u>Pt oz.</u>	<u>Pd oz.</u>
Carpenter #1	Trace	Trace		
Juby #7	Trace			
Juby #8			Trace	Trace
Juby #9	Trace		Trace	Trace

IN ACCORDANCE WITH LONG-ESTABLISHED NORTH AMERICAN CUSTOM, UNLESS IT IS SPECIFICALLY STATED OTHERWISE GOLD AND SILVER VALUES REPORTED ON THESE SHEETS HAVE NOT BEEN ADJUSTED TO COMPENSATE FOR LOSSES AND GAINS INHERENT IN THE FIRE ASSAY PROCESS.

BELL-WHITE ANALYTICAL LABORATORIES LTD.

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BELL - WHITE ANALYTICAL LABORATORIES LTD.

P.O. BOX 187.

HAILEYBURY, ONTARIO

TEL: 672-3107

Certificate of Analysis

NO. 2895

DATE: August 24, 1987

SAMPLE(S) OF: Pulps (6)

RECEIVED: August 1987

SAMPLE(S) FROM: Boston Bay Mines Ltd.

<u>Sample No.</u>	<u>Au oz.</u>	<u>Pt oz.</u>	<u>Pd oz.</u>	<u>Cu %</u>	<u>Ni %</u>
9	0.026	0.021	0.127	0.26	0.14
10	0.029	0.022	0.130	0.24	0.05
11	0.022	0.013	0.111	0.16	0.14
12	0.343	0.059	0.980	0.15	1.52
13	0.101	0.152	0.416	0.80	0.44
14	0.009	0.004	0.022	0.05	0.02

IN ACCORDANCE WITH LONG-ESTABLISHED NORTH AMERICAN CUSTOM, UNLESS IT IS SPECIFICALLY STATED OTHERWISE, GOLD AND SILVER VALUES REPORTED ON THESE SHEETS HAVE NOT BEEN ADJUSTED TO COMPENSATE FOR LOSSES AND GAINS INHERENT IN THE FIRE ASSAY PROCESS.

BELL-WHITE ANALYTICAL LABORATORIES LTD.

PER 



Certificate of Analysis

Page 1 of 2

NO. 2895

DATE: August 24, 1987

SAMPLE(S) OF: Core (40)

RECEIVED: August 1987

SAMPLE(S) FROM: Boston Bay Mines Ltd.

Sample No.	Au oz.	Pt oz.	Pd oz.	Cu %	Ni %
31014	Trace	Trace	Trace	0.007	0.005
5	Trace	Trace	Trace	0.007	0.004
6	Trace	Trace	Trace	0.008	0.004
31018	Trace	Trace	Trace	0.009	0.006
31020	Trace	Trace	Trace	0.010	0.005
31022	Trace	Trace	Trace	0.016	0.005
3	Trace	Trace	Trace	0.010	0.005
4	Trace	Trace	Trace	0.009	0.004
31026	Trace	Trace	Trace	0.010	0.004
31028	Trace	Trace	Trace	0.013	0.004
31031	Trace	Trace	Trace	0.010	0.005
31035	Trace	Trace	Trace	0.015	0.005
6	Trace	Trace	Trace	0.010	0.005
7	Trace	Trace	Trace	0.013	0.005
8	Trace	Trace	Trace	0.008	0.005
9	Trace	Trace	Trace	0.007	0.006
31040	Trace	Trace	Trace	0.009	0.006
i	Trace	Trace	Trace	0.009	0.005
31043	Trace	Trace	Trace	0.009	0.005
4	Trace	Trace	Trace	0.008	0.005

IN ACCORDANCE WITH LONG-ESTABLISHED NORTH AMERICAN CUSTOM, UNLESS IT IS SPECIFICALLY STATED OTHERWISE GOLD AND SILVER VALUES REPORTED ON THESE SHEETS HAVE NOT BEEN ADJUSTED TO COMPENSATE FOR LOSSES AND GAINS INHERENT IN THE FIRE ASSAY PROCESS.

BELL-WHITE ANALYTICAL LABORATORIES LTD.



Certificate of Analysis

Page 2 of 2

NO. 2895

DATE: August 24, 1987

SAMPLE(S) OF: Core (40)

RECEIVED: August 1987

SAMPLE(S) FROM: Boston Bay Mines Ltd.

Sample No.	Au oz.	Pt oz.	Pd oz.	Cu %	Cu ppm	Ni %	Ni ppm
31045	Trace	Trace	Trace	0.009		0.005	
6	Trace	Trace	Trace	0.009		0.005	
7	Trace	Trace	Trace	0.008		0.004	
8	Trace	Trace	Trace	0.007		0.005	
9	Trace	Trace	Trace	0.008		0.005	
31051	Trace	Trace	Trace	0.007		0.005	
2	Trace	Trace	Trace	0.008		0.005	
3	Trace	Trace	Trace	0.007		0.005	
4	Trace	Trace	Trace	0.006		0.005	
5	Trace	Trace	Trace	0.007		0.005	
6	Trace	Trace	Trace	0.007		0.005	
7	Trace	Trace	Trace	0.007		0.005	
8	Trace	Trace	Trace	0.008		0.005	
9	Trace	Trace	Trace	0.006		0.004	
31067	Trace	Trace	Trace	0.002		0.004	
8	Trace	Trace	Trace	0.004		0.004	
31071	Trace	Trace	Trace	0.010		0.005	
31073	Trace	Trace	Trace	0.010		0.005	
31078	Trace	Trace	Trace	0.004		0.003	
9	Trace	Trace	Trace		82		54

IN ACCORDANCE WITH LONG-ESTABLISHED NORTH AMERICAN CUSTOM UNLESS IT IS SPECIFICALLY STATED OTHERWISE GOLD AND SILVER VALUES REPORTED ON THESE SHEETS HAVE NOT BEEN ADJUSTED TO COMPENSATE FOR LOSSES AND GAINS INHERENT IN THE FIRE ASSAY PROCESS.

PER [Signature]



BELL - WHITE ANALYTICAL LABORATORIES LTD.

P.O. BOX 187,

HAILEYBURY, ONTARIO

TEL: 672-3107

Certificate of Analysis

NO. 2923

DATE: August 27, 1987

SAMPLE(S) OF: Core (30)

RECEIVED: August 1987

SAMPLE(S) FROM: Boston Bay Mines Ltd.

<u>Sample No.</u>	<u>Au oz.</u>	<u>Pt oz.</u>	<u>Pd oz.</u>	<u>Cu %</u>	<u>Ni %</u>
21270	0.003	Trace	Trace	0.009	0.008
31012	Trace	Trace	Trace	0.016	0.005
3	Trace	Trace	Trace	0.009	0.004
31017	Trace	Trace	Trace	0.008	0.005
31019	Trace	Trace	Trace	0.008	0.005
31021	Trace	Trace	Trace	0.015	0.007
31025	0.004	Trace	Trace	0.009	0.004
31027	Trace	Trace	Trace	0.010	0.005
31029	Trace	Trace	Trace	0.012	0.005
31030	Trace	Trace	Trace	0.011	0.005
31032	Trace	Trace	Trace	0.010	0.005
3	Trace	Trace	Trace	0.014	0.006
4	Trace	Trace	Trace	0.010	0.005
31042	Trace	Trace	Trace	0.006	0.005
31050	Trace	Trace	Trace	0.007	0.004
31060	Trace	Trace	Trace	0.006	0.005
1	0.002	Trace	Trace	0.006	0.005
2	Trace	Trace	Trace	0.006	0.005
3	Trace	Trace	Trace	0.006	0.005
4	Trace	Trace	Trace	0.006	0.005
5	Trace	Trace	Trace	0.006	0.005
6	Trace	Trace	Trace	0.006	0.005
7	Trace	Trace	Trace	0.006	0.006
31070	Trace	Trace	Trace	0.011	0.004
31072	Trace	Trace	Trace	0.007	0.006
31074	Trace	Trace	Trace	0.007	0.005
5	Trace	Trace	0.003	0.052	0.019
6	Trace	Trace	Trace	0.030	0.012
7	Trace	Trace	Trace	0.007	0.004
31080	Trace	Trace	Trace	0.005	0.004

IN ACCORDANCE WITH LONG-ESTABLISHED NORTH AMERICAN CUSTOM, UNLESS IT IS SPECIFICALLY STATED OTHERWISE GOLD AND SILVER VALUES REPORTED ON THESE SHEETS HAVE NOT BEEN ADJUSTED TO COMPENSATE FOR LOSSES AND GAINS INHERENT IN THE FIRE ASSAY PROCESS.

BELL-WHITE ANALYTICAL LABORATORIES LTD.


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BELL - WHITE ANALYTICAL LABORATORIES LTD.

P.O. BOX 187,

HAILEYBURY, ONTARIO

TEL: 672-3107

Certificate of Analysis

NO. 2850

DATE: August 19, 1987

SAMPLE(S) OF: Core (13)

RECEIVED: August 1987

SAMPLE(S) FROM: Boston Bay Mines Ltd.

<u>Sample No.</u>	<u>Cu %</u>	<u>Ni %</u>
38006	0.114	0.092
7	0.056	0.054
8	0.009	0.136
9	0.202	0.190
38010	0.126	0.102
1	0.052	0.056
2	0.106	0.186
3	0.048	0.050
4	0.084	0.098
39038	0.050	0.048
9	0.056	0.054
39040	0.092	0.084

IN ACCORDANCE WITH LONG-ESTABLISHED NORTH AMERICAN CUSTOM, UNLESS IT IS SPECIFICALLY STATED OTHERWISE GOLD AND SILVER VALUES REPORTED ON THESE SHEETS HAVE NOT BEEN ADJUSTED TO COMPENSATE FOR LOSSES AND GAINS INHERENT IN THE FIRE ASSAY PROCESS.

BELL-WHITE ANALYTICAL LABORATORIES LTD.



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Certificate of Analysis

Page 1 of 3

NO. 2950

DATE: August 28, 1987

SAMPLE(S) OF: Core (77)

RECEIVED: August 1987

SAMPLE(S) FROM: Boston Bay Mines Ltd.

Table with 6 columns: Sample No., Au oz., Pt oz., Pd oz., Cu %, Ni %. Rows include sample numbers 120010, 120100, 120120, and 120210 with their respective assay values.

IN ACCORDANCE WITH LONG-ESTABLISHED NORTH AMERICAN CUSTOM UNLESS THIS SPECIFICALLY STATED OTHERWISE GOLD AND SILVER VALUES REPORTED ON THESE SHEETS HAVE NOT BEEN ADJUSTED TO COMPENSATE FOR LOSSES AND GAINS INHERENT IN THE FIRE ASSAY PROCESS

BELL-WHITE ANALYTICAL LABORATORIES LTD.

Signature and 'PER' label



Certificate of Analysis

Page 3 of 3

NO. 2950

DATE:

August 28, 1987

SAMPLE(S) OF:

Core (77)

RECEIVED:

August 1987

SAMPLE(S) FROM:

Boston Bay Mines Ltd.

<u>Sample No.</u>	<u>Au oz.</u>	<u>Pt oz.</u>	<u>Pd oz.</u>	<u>Cu %</u>	<u>Ni %</u>
120525	Trace	Trace	Trace	0.007	0.005
35	Trace	Trace	Trace	0.005	0.005
45	Trace	Trace	Trace	0.006	0.005
54	Trace	Trace	Trace	0.006	0.005
64	Trace	Trace	Trace	0.007	0.006
74	Trace	Trace	Trace	0.007	0.005
84	Trace	Trace	Trace	0.006	0.005
94	Trace	Trace	Trace	0.006	0.006
120604	Trace	Trace	Trace	0.006	0.006
14	Trace	Trace	Trace	0.007	0.005
24	Trace	Trace	Trace	0.006	0.005
34	Trace	Trace	Trace	0.006	0.005
42	Trace	Trace	Trace	0.005	0.005
44	Trace	Trace	Trace	0.006	0.005
52	Trace	Trace	Trace	0.005	0.005
52	Trace	Trace	Trace	0.007	0.005
82	Trace	Trace	Trace	0.004	0.004
92	Trace	Trace	0.005	0.006	0.005
120702	Trace	Trace	Trace	0.007	0.006
11	Trace	Trace	Trace	0.005	0.005
12	Trace	Trace	Trace	0.005	0.004
21	Trace	Trace	Trace	0.005	0.005
22	Trace	Trace	Trace	0.005	0.004
31	Trace	Trace	Trace	0.007	0.007
60	Trace	Trace	Trace	0.005	0.004
70	Trace	Trace	Trace	0.004	0.004

IN ACCORDANCE WITH LONG-ESTABLISHED NORTH AMERICAN CUSTOM UNLESS IT IS SPECIFICALLY STATED OTHERWISE GOLD AND SILVER VALUES REPORTED ON THESE SHEETS HAVE NOT BEEN ADJUSTED TO COMPENSATE FOR LOSSES AND GAINS INHERENT IN THE FIRE ASSAY PROCESS

BELL-WHITE ANALYTICAL LABORATORIES LTD.

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NO. 2950

DATE: August 28, 1987

SAMPLE(S) OF: Core (77)

RECEIVED: August 1987

SAMPLE(S) FROM: Boston Bay Mines Ltd.

Sample No.	Au oz.	Pt oz.	Pd oz.	Cu %	Ni %
120280	Trace	Trace	Trace	0.010	0.005
90	Trace	Trace	Trace	0.011	0.005
120300	Trace	Trace	Trace	0.010	0.005
10	Trace	Trace	Trace	0.028	0.011
17	Trace	Trace	Trace	0.012	0.005
27	Trace	Trace	Trace	0.017	0.006
36	Trace	Trace	Trace	0.014	0.006
46	Trace	Trace	0.003	0.012	0.006
56	Trace	Trace	Trace	0.009	0.006
66	Trace	Trace	0.003	0.010	0.007
72	Trace	Trace	Trace	0.014	0.011
85	0.002	Trace	Trace	0.005	0.008
95	Trace	Trace	Trace	0.003	0.003
120405	Trace	Trace	Trace	0.003	0.004
16	Trace	Trace	Trace	0.006	0.003
26	Trace	Trace	Trace	0.004	0.003
36	Trace	Trace	Trace	0.005	0.004
46	Trace	Trace	Trace	0.004	0.004
56	Trace	Trace	Trace	0.007	0.005
66	Trace	Trace	Trace	0.007	0.005
75	Trace	Trace	Trace	0.007	0.006
76	Trace	Trace	Trace	0.006	0.005
86	Trace	Trace	Trace	0.005	0.004
95	Trace	Trace	Trace	0.007	0.006
120505	Trace	Trace	Trace	0.007	0.007

IN ACCORDANCE WITH LONG-ESTABLISHED NORTH AMERICAN CUSTOM, UNLESS IT IS SPECIFICALLY STATED OTHERWISE, GOLD AND SILVER VALUES REPORTED ON THESE SHEETS HAVE NOT BEEN ADJUSTED TO COMPENSATE FOR LOSSES AND GAINS INHERENT IN THE FIRE ASSAY PROCESS.

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Page 1 of 2

NO. 3020

DATE: September 3, 1987

SAMPLE(S) OF: Core (40)

RECEIVED: August 1987

SAMPLE(S) FROM: Boston Bay Mines Ltd.

<u>Sample No.</u>	<u>Au oz.</u>	<u>Pt oz.</u>	<u>Pd oz.</u>	<u>Cu %</u>	<u>Ni %</u>
330210	Trace	Trace	0.021	0.048	0.006
20	Trace	Trace	0.008	0.034	0.030
30	Trace	Trace	0.008	0.052	0.034
40	Trace	Trace	0.003	0.024	0.026
50	Trace	Trace	0.008	0.030	0.024
60	Trace	Trace	0.004	0.012	0.015
70	0.003	Trace	0.004	0.006	0.009
80	Trace	Trace	0.003	0.009	0.011
330290	Trace	Trace	0.003	0.011	0.014
330300	Trace	Trace	0.003	0.007	0.009
10	Trace	Trace	0.006	0.012	0.014
20	Trace	Trace	0.004	0.011	0.013
30	Trace	Trace	0.004	0.007	0.010
40	Trace	Trace	0.009	0.009	0.013
50	Trace	Trace	0.003	0.005	0.010
60	Trace	Trace	0.004	0.009	0.007
70	Trace	Trace	0.003	0.006	0.010
80	Trace	Trace	0.003	0.007	0.010
90	Trace	Trace	0.003	0.006	0.008
330400	Trace	Trace	0.003	0.006	0.009

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NO. 3020

DATE: September 3, 1987

SAMPLE(S) OF: Core (40)

RECEIVED: August 1987

SAMPLE(S) FROM: Boston Bay Mines Ltd.

<u>Sample No.</u>	<u>Au oz.</u>	<u>Pt oz.</u>	<u>Pd oz.</u>	<u>Cu %</u>	<u>Ni %</u>
330410	Trace	Trace	0.005	0.007	0.012
20	Trace	Trace	0.004	0.003	0.011
30	Trace	Trace	0.004	0.005	0.011
40	Trace	Trace	0.004	0.005	0.010
50	Trace	Trace	0.004	0.005	0.009
60	Trace	Trace	0.005	0.007	0.011
67	Trace	Trace	0.005	0.007	0.010
380170	0.003	0.002	0.014	0.032	0.028
380180	0.003	0.002	0.027	0.056	0.072
380330	Trace	Trace	0.005	0.015	0.017
40	Trace	Trace	0.004	0.005	0.011
50	Trace	Trace	0.005	0.008	0.012
60	Trace	Trace	0.005	0.009	0.016
70	Trace	Trace	0.005	0.008	0.011
80	Trace	Trace	0.005	0.007	0.013
90	Trace	Trace	0.005	0.007	0.010
380400	Trace	Trace	0.004	0.006	0.010
380600	Trace	Trace	0.008	0.011	0.012
10	Trace	Trace	0.007	0.007	0.010
20	Trace	Trace	0.006	0.015	0.012

IN ACCORDANCE WITH LONG-ESTABLISHED NORTH AMERICAN CUSTOM, UNLESS IT IS SPECIFICALLY STATED OTHERWISE GOLD AND SILVER VALUES REPORTED ON THESE SHEETS HAVE NOT BEEN ADJUSTED TO COMPENSATE FOR LOSSES AND GAINS INHERENT IN THE FIRE ASSAY PROCESS.

BELL-WHITE ANALYTICAL LABORATORIES LTD.

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P.O. BOX 187.

HAILEYBURY, ONTARIO

TEL: 672-3107

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NO. 3112

DATE: September 15, 1987

SAMPLE(S) OF: Core (43)

RECEIVED: September 1987

SAMPLE(S) FROM: Boston Bay Mines Ltd.

<u>Sample No.</u>	<u>Au oz.</u>	<u>Pt oz.</u>	<u>Pd oz.</u>	<u>Cu %</u>	<u>Ni %</u>
040180	0.003	Trace	0.002	0.018	0.006
90	Trace	Trace	Trace	0.005	0.004
040200	Trace	Trace	Trace	0.005	0.004
10	Trace	Trace	Trace	0.006	0.006
20	Trace	Trace	Trace	0.005	0.004
30	Trace	Trace	Trace	0.004	0.005
40	Trace	Trace	Trace	0.005	0.006
150210	Trace	Trace	Trace	0.014	0.005
20	0.008	Trace	Trace	0.009	0.005
30	Trace	Trace	Trace	0.009	0.005
40	Trace	Trace	Trace	0.010	0.005
50	Trace	Trace	Trace	0.007	0.005
60	Trace	Trace	Trace	0.016	0.006
70	Trace	Trace	0.003	0.022	0.010
80	Trace	Trace	Trace	0.010	0.011
90	Trace	Trace	Trace	0.009	0.009
150300	Trace	Trace	Trace	0.009	0.006
10	Trace	Trace	Trace	0.009	0.005
20	Trace	Trace	Trace	0.011	0.005
30	Trace	Trace	Trace	0.008	0.005
40	Trace	Trace	Trace	0.008	0.005
50	Trace	Trace	Trace	0.011	0.006

IN ACCORDANCE WITH LONG-ESTABLISHED NORTH AMERICAN CUSTOM, UNLESS IT IS SPECIFICALLY STATED OTHERWISE GOLD AND SILVER VALUES REPORTED ON THESE SHEETS HAVE NOT BEEN ADJUSTED TO COMPENSATE FOR LOSSES AND GAINS INHERENT IN THE FIRE ASSAY PROCESS.

BELL-WHITE ANALYTICAL LABORATORIES LTD.

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NO. 3112

DATE: September 15, 1987

SAMPLE(S) OF: Core (43)

RECEIVED: September 1987

SAMPLE(S) FROM: Boston Bay Mines Ltd.

Sample No.	Au oz.	Pt oz.	Pd oz.	Cu %	Ni %
150360	Trace	Trace	Trace	0.006	0.004
510660	Trace	Trace	Trace	0.009	0.005
90	Trace	Trace	Trace	0.015	0.005
510700	Trace	Trace	Trace	0.019	0.007
10	Trace	Trace	Trace	0.010	0.006
20	Trace	Trace	Trace	0.012	0.006
30	Trace	Trace	0.003	0.020	0.012
40	Trace	Trace	Trace	0.012	0.006
50	Trace	Trace	Trace	0.015	0.006
60	Trace	Trace	Trace	0.015	0.009
70	Trace	Trace	0.006	0.004	0.019
80	Trace	Trace	0.004	0.022	0.015
90	Trace	Trace	0.011	0.019	0.013
510800	Trace	Trace	0.005	0.024	0.017
10	Trace	Trace	0.009	0.046	0.018
20	Trace	Trace	0.002	0.008	0.005
30	Trace	Trace	Trace	0.007	0.004
40	Trace	Trace	Trace	0.012	0.006
50	Trace	Trace	Trace	0.010	0.006
60	Trace	Trace	Trace	0.008	0.006
70	Trace	Trace	Trace	0.007	0.005

IN ACCORDANCE WITH LONG-ESTABLISHED NORTH AMERICAN CUSTOM, UNLESS IT IS SPECIFICALLY STATED OTHERWISE GOLD AND SILVER VALUES REPORTED ON THESE SHEETS HAVE NOT BEEN ADJUSTED TO COMPENSATE FOR LOSSES AND GAINS INHERENT IN THE FIRE ASSAY PROCESS.

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TEL: 672-3107

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NO. 3113

DATE: September 15, 1987

SAMPLE(S) OF: Core (98)

RECEIVED: September 1987

SAMPLE(S) FROM: Boston Bay Mines Ltd.

Sample No.	Au oz.	Pt oz.	Pd oz.	Cu %	Ni %
041140	Trace	Trace	0.030	0.024	0.021
50	0.002	Trace	0.016	0.052	0.042
80	Trace	Trace	0.016	0.026	0.024
90	Trace	Trace	0.015	0.020	0.020
041200	0.006	Trace	0.039	0.076	0.098
10	0.002	Trace	0.015	0.038	0.054
20	Trace	Trace	0.008	0.010	0.015
30	Trace	Trace	0.024	0.016	0.020
40	Trace	Trace	0.029	0.030	0.034
50	Trace	Trace	0.016	0.022	0.024
60	Trace	Trace	0.009	0.011	0.017
68	Trace	Trace	0.017	0.013	0.020
150010	Trace	Trace	Trace	0.022	0.004
20	Trace	Trace	Trace	0.010	0.005
30	Trace	Trace	Trace	0.012	0.006
40	Trace	Trace	Trace	0.011	0.005
50	Trace	Trace	Trace	0.014	0.005
60	Trace	Trace	Trace	0.011	0.005
70	Trace	Trace	Trace	0.019	0.005
80	Trace	Trace	Trace	0.034	0.005
90	Trace	Trace	Trace	0.046	0.005
150100	Trace	Trace	Trace	0.028	0.006
10	Trace	Trace	Trace	0.020	0.005
20	Trace	Trace	Trace	0.013	0.005
30	Trace	Trace	Trace	0.022	0.005
40	Trace	Trace	Trace	0.015	0.005
50	Trace	Trace	Trace	0.011	0.005
60	Trace	Trace	Trace	0.012	0.005
70	Trace	Trace	Trace	0.011	0.005
80	Trace	Trace	Trace	0.017	0.005
90	Trace	Trace	Trace	0.014	0.005
150200	Trace	Trace	Trace	0.010	0.005
210020	Trace	Trace	0.003	0.030	0.040

IN ACCORDANCE WITH LONG-ESTABLISHED NORTH AMERICAN CUSTOM, UNLESS IT IS SPECIFICALLY STATED OTHERWISE GOLD AND SILVER VALUES REPORTED ON THESE SHEETS HAVE NOT BEEN ADJUSTED TO COMPENSATE FOR LOSSES AND GAINS INHERENT IN THE FIRE ASSAY PROCESS.

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NO. 3113

DATE: September 15, 1987

SAMPLE(S) OF: Core (98)

RECEIVED: September 1987

SAMPLE(S) FROM: Boston Bay Mines Ltd.

<u>Sample No.</u>	<u>Au oz.</u>	<u>Pt oz.</u>	<u>Pd oz.</u>	<u>Cu %</u>	<u>Ni %</u>
210030	Trace	Trace	0.006	0.054	0.062
40	Trace	Trace	Trace	0.014	0.015
50	Trace	Trace	0.002	0.018	0.016
60	Trace	Trace	Trace	0.084	0.012
70	Trace	Trace	Trace	0.012	0.124
80	Trace	Trace	0.002	0.052	0.098
90	Trace	Trace	Trace	0.042	0.078
210100	Trace	Trace	0.004	0.058	0.112
10	Trace	Trace	0.007	0.060	0.034
20	0.002	Trace	0.012	0.082	0.038
30	Trace	Trace	0.013	0.040	0.036
40	Trace	Trace	0.004	0.010	0.011
50	Trace	Trace	0.004	0.011	0.008
210826	Trace	Trace	0.002	0.010	0.005
35	Trace	Trace	0.004	0.009	0.006
380190	0.002	Trace	0.013	0.056	0.034
380200	0.003	Trace	0.019	0.056	0.044
10	0.002	Trace	0.014	0.066	0.036
20	Trace	Trace	0.010	0.034	0.034
30	Trace	Trace	0.008	0.028	0.030
40	Trace	Trace	0.029	0.036	0.048
50	0.003	Trace	0.020	0.060	0.042
60	0.003	Trace	0.020	0.068	0.052
70	Trace	Trace	0.013	0.034	0.024
80	0.003	Trace	0.013	0.050	0.046
90	Trace	Trace	0.012	0.022	0.034
380300	Trace	Trace	0.010	0.052	0.050
10	0.002	Trace	0.009	0.050	0.050
20	Trace	Trace	0.006	0.034	0.030
380410	Trace	Trace	0.004	0.005	0.009
20	Trace	Trace	0.004	0.006	0.009
30	Trace	Trace	0.003	0.005	0.009

IN ACCORDANCE WITH LONG-ESTABLISHED NORTH AMERICAN CUSTOM, UNLESS IT IS SPECIFICALLY STATED OTHERWISE GOLD AND SILVER VALUES REPORTED ON THESE SHEETS HAVE NOT BEEN ADJUSTED TO COMPENSATE FOR LOSSES AND GAINS INHERENT IN THE FIRE ASSAY PROCESS.

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P.O. BOX 187,

HAILEYBURY, ONTARIO

TEL: 672-3107

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NO. 3113

DATE: September 15, 1987

SAMPLE(S) OF: Core (98)

RECEIVED: September 1987

SAMPLE(S) FROM: Boston Bay Mines Ltd.

<u>Sample No.</u>	<u>Au oz.</u>	<u>Pt oz.</u>	<u>Pd oz.</u>	<u>Cu %</u>	<u>Ni %</u>
380440	Trace	Trace	0.003	0.006	0.011
50	Trace	Trace	0.003	0.007	0.009
60	Trace	Trace	0.003	0.005	0.011
70	Trace	Trace	0.003	0.006	0.012
80	Trace	Trace	0.003	0.006	0.011
90	Trace	Trace	0.003	0.006	0.012
380500	Trace	Trace	0.003	0.006	0.012
10	Trace	Trace	0.003	0.006	0.010
20	Trace	Trace	0.003	0.008	0.011
30	Trace	Trace	0.004	0.006	0.012
40	Trace	Trace	0.005	0.007	0.012
50	Trace	Trace	0.006	0.005	0.012
60	Trace	Trace	0.006	0.005	0.011
70	Trace	Trace	0.006	0.005	0.011
80	Trace	Trace	0.006	0.005	0.012
90	Trace	Trace	0.006	0.009	0.012
380630	Trace	Trace	Trace	0.007	0.038
40	Trace	Trace	Trace	0.058	0.004
50	Trace	Trace	Trace	0.066	0.074
60	Trace	Trace	0.004	0.010	0.011
70	Trace	Trace	0.012	0.013	0.015
80	Trace	Trace	0.006	0.005	0.010
90	Trace	Trace	0.007	0.006	0.011
380700	Trace	Trace	0.003	0.007	0.007
10	Trace	Trace	Trace	0.004	0.002
20	Trace	Trace	Trace	0.004	0.004
30	Trace	Trace	Trace	0.005	0.004
40	Trace	Trace	0.004	0.004	0.007
50	Trace	Trace	0.004	0.003	0.009
60	Trace	Trace	Trace	0.006	0.009
70	Trace	Trace	0.004	0.006	0.009
80	Trace	Trace	0.005	0.005	0.010
86	Trace	Trace	0.005	0.005	0.008

IN ACCORDANCE WITH LONG-ESTABLISHED NORTH AMERICAN CUSTOM, UNLESS IT IS SPECIFICALLY STATED OTHERWISE GOLD AND SILVER VALUES REPORTED ON THESE SHEETS HAVE NOT BEEN ADJUSTED TO COMPENSATE FOR LOSSES AND GAINS INHERENT IN THE FIRE ASSAY PROCESS.

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BELL - WHITE ANALYTICAL LABORATORIES LTD.

P.O. BOX 187

HAILEYBURY, ONTARIO

TEL: 672-3107

Certificate of Analysis

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NO. 3141

DATE: September 18, 1987

SAMPLE(S) OF: Core (106)

RECEIVED: September 1987

SAMPLE(S) FROM: Boston Bay Mines Ltd.

Sample No.	Au oz.	Pt oz.	Pd oz.	Cu %	Ni %
490020	0.004	Trace	0.032	0.046	0.026
30	0.010	0.004	0.074	0.104	0.072
40	0.009	0.004	0.070	0.108	0.064
50	0.004	0.002	0.033	0.054	0.034
60	0.002	Trace	0.012	0.024	0.015
70	Trace	Trace	0.006	0.010	0.010
80	0.003	Trace	0.028	0.034	0.024
90	0.005	0.003	0.059	0.066	0.044
490100	0.002	0.002	0.038	0.034	0.022
10	0.002	0.002	0.038	0.028	0.014
20	0.003	0.003	0.049	0.044	0.032
30	0.004	0.004	0.056	0.052	0.034
40	0.005	0.004	0.058	0.058	0.044
50	0.003	0.003	0.029	0.020	0.019
60	0.002	Trace	0.007	0.017	0.010
70	0.002	0.003	0.053	0.028	0.024
80	0.003	0.002	0.048	0.048	0.032
90	Trace	Trace	Trace	0.012	0.005
490200	Trace	Trace	Trace	0.007	0.006
10	Trace	Trace	Trace	0.007	0.006
20	0.003	0.002	0.023	0.041	0.026
30	0.009	0.007	0.085	0.105	0.009
40	0.005	0.006	0.046	0.068	0.049
50	0.002	0.003	0.018	0.016	0.014
60	0.002	0.003	0.018	0.015	0.013
70	0.014	0.005	0.087	0.140	0.095
80	0.005	0.004	0.046	0.070	0.060

IN ACCORDANCE WITH LONG ESTABLISHED NORTH AMERICAN CUSTOM, UNLESS IT IS SPECIFICALLY STATED OTHERWISE GOLD AND SILVER VALUES REPORTED ON THESE SHEETS HAVE NOT BEEN ADJUSTED TO COMPENSATE FOR LOSSES AND GAINS INHERENT IN THE FIRE ASSAY PROCESS.

BELL-WHITE ANALYTICAL LABORATORIES LTD.

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NO. 3141

DATE: September 18, 1987

SAMPLE(S) OF: Core (106)

RECEIVED: September 1987

SAMPLE(S) FROM: Boston Bay Mines Ltd.

Sample No.	Au oz.	Pt oz.	Pd oz.	Cu %	Ni %
490290	0.003	0.003	0.025	0.057	0.043
490300	Trace	Trace	0.014	0.019	0.019
10	Trace	0.002	0.020	0.021	0.022
20	0.003	0.002	0.029	0.043	0.038
30	0.004	0.002	0.017	0.062	0.050
40	0.002	Trace	0.009	0.041	0.032
50	0.003	0.002	0.023	0.043	0.040
60	0.006	0.002	0.048	0.090	0.065
70	0.004	0.002	0.032	0.040	0.040
80	0.006	0.005	0.078	0.111	0.116
90	0.005	0.002	0.054	0.078	0.073
490400	0.006	0.003	0.045	0.103	0.065
10	0.008	0.004	0.055	0.095	0.078
510010	0.002	Trace	0.007	0.032	0.040
20	Trace	Trace	0.004	0.028	0.028
30	Trace	Trace	0.016	0.028	0.030
40	Trace	Trace	0.004	0.008	0.009
50	0.003	Trace	0.016	0.008	0.040
60	0.003	Trace	0.007	0.007	0.036
70	0.003	Trace	0.005	0.005	0.016
80	0.009	0.002	0.039	0.013	0.054
90	0.005	Trace	0.024	0.066	0.026
510100	0.002	Trace	0.005	0.054	0.022
10	Trace	Trace	0.002	0.016	0.008
20	Trace	Trace	Trace	0.018	0.008
30	Trace	Trace	0.003	0.028	0.013
40	0.002	Trace	0.004	0.056	0.002

IN ACCORDANCE WITH LONG-ESTABLISHED NORTH AMERICAN CUSTOM, UNLESS IT IS SPECIFICALLY STATED OTHERWISE GOLD AND SILVER VALUES REPORTED ON THESE SHEETS HAVE NOT BEEN ADJUSTED TO COMPENSATE FOR LOSSES AND GAINS INHERENT IN THE FIRE ASSAY PROCESS.

BELL-WHITE ANALYTICAL LABORATORIES LTD.

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NO. 3141

DATE: September 18, 1987

SAMPLE(S) OF: Core (106)

RECEIVED: September 1987

SAMPLE(S) FROM: Boston Bay Mines Ltd.

Sample No.	Au oz.	Pt oz.	Pd oz.	Cu %	Ni %
510150	0.003	Trace	0.007	0.086	0.044
60	0.004	Trace	0.009	0.106	0.048
70	0.004	Trace	0.007	0.098	0.036
80	0.005	Trace	0.010	0.160	0.068
90	0.003	Trace	0.006	0.118	0.058
510200	0.005	Trace	0.017	0.206	0.108
10	0.004	Trace	0.016	0.174	0.108
20	Trace	Trace	0.004	0.054	0.028
30	Trace	Trace	Trace	0.020	0.008
40	Trace	Trace	0.002	0.042	0.010
50	0.003	Trace	0.006	0.086	0.040
60	0.005	Trace	0.011	0.220	0.116
70	0.005	Trace	0.009	0.162	0.070
80	0.004	Trace	0.012	0.182	0.080
90	0.002	Trace	0.005	0.048	0.024
510300	Trace	Trace	Trace	0.007	0.011
10	Trace	Trace	Trace	0.002	0.015
20	Trace	Trace	Trace	0.002	0.008
30	Trace	Trace	Trace	0.002	0.011
40	Trace	Trace	Trace	0.004	0.007
50	Trace	Trace	0.007	0.086	0.052
60	Trace	Trace	0.002	0.009	0.018
70	Trace	Trace	0.003	0.005	0.006
80	Trace	Trace	0.009	0.007	0.026
90	Trace	Trace	0.008	0.012	0.012
510400	Trace	Trace	0.004	0.004	0.008

IN ACCORDANCE WITH LONG-ESTABLISHED NORTH AMERICAN CUSTOM UNLESS IT IS SPECIFICALLY STATED OTHERWISE GOLD AND SILVER VALUES REPORTED ON THESE SHEETS HAVE NOT BEEN ADJUSTED TO COMPENSATE FOR LOSSES AND GAINS INHERENT IN THE FIRE ASSAY PROCESS.

BELL-WHITE ANALYTICAL LABORATORIES LTD.

PER 



Certificate of Analysis

Page 4 of 4

NO. 3141

DATE: September 18, 1987

SAMPLE(S) OF: Core (106)

RECEIVED: September 1987

SAMPLE(S) FROM: Boston Bay Mines Ltd.

Sample No.	Au oz.	Pt oz.	Pd oz.	Cu %	Ni %
510410	Trace	Trace	Trace	0.002	0.007
20	Trace	Trace	0.003	0.003	0.009
30	Trace	Trace	0.003	0.006	0.012
40	Trace	Trace	Trace	0.002	0.009
50	Trace	Trace	Trace	0.004	0.009
60	Trace	Trace	0.003	0.014	0.011
70	Trace	Trace	Trace	0.006	0.006
80	Trace	Trace	Trace	0.010	0.005
90	Trace	Trace	Trace	0.015	0.004
510500	Trace	Trace	Trace	0.012	0.003
10	Trace	Trace	Trace	0.026	0.004
20	Trace	Trace	Trace	0.012	0.004
30	Trace	Trace	Trace	0.011	0.004
40	Trace	Trace	Trace	0.008	0.003
50	Trace	Trace	Trace	0.013	0.003
60	Trace	Trace	Trace	0.006	0.003
70	Trace	Trace	Trace	0.006	0.003
80	Trace	Trace	Trace	0.006	0.003
90	Trace	Trace	Trace	0.006	0.004
510600	Trace	Trace	Trace	0.007	0.004
10	Trace	Trace	Trace	0.006	0.004
20	Trace	Trace	Trace	0.008	0.004
30	Trace	Trace	Trace	0.007	0.003
40	Trace	Trace	Trace	0.007	0.004
60	Trace	Trace	Trace	0.008	0.005
70	Trace	Trace	Trace	0.011	0.005

IN ACCORDANCE WITH LONG-ESTABLISHED NORTH AMERICAN CUSTOM, UNLESS IT IS SPECIFICALLY STATED OTHERWISE GOLD AND SILVER VALUES REPORTED ON THESE SHEETS HAVE NOT BEEN ADJUSTED TO COMPENSATE FOR LOSSES AND GAINS INHERENT IN THE FIRE ASSAY PROCESS.

BELL-WHITE ANALYTICAL LABORATORIES LTD.

PER



Certificate of Analysis

Page 1 of 3

NO. 3187

DATE: September 23, 1987

SAMPLE(S) OF: Core (80)

RECEIVED: September 1987

SAMPLE(S) FROM: Boston Bay Mines Ltd.

Table with 6 columns: Sample No., Au oz., Pt oz., Pd oz., Cu %, Ni %. Rows include sample numbers 490420, 490500, and 490600 with their respective assay values.

IN ACCORDANCE WITH LONG-ESTABLISHED NORTH AMERICAN CUSTOM, UNLESS IT IS SPECIFICALLY STATED OTHERWISE GOLD AND SILVER VALUES REPORTED ON THESE SHEETS HAVE NOT BEEN ADJUSTED TO COMPENSATE FOR LOSSES AND GAINS INHERENT IN THE FIRE ASSAY PROCESS.

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BELL-WHITE ANALYTICAL LABORATORIES LTD.

P.O. BOX 187.

HAILEYBURY, ONTARIO

TEL: 672-3107

Certificate of Analysis

Page 2 of 3

NO. 3187

DATE: September 23, 1987

SAMPLE(S) OF: Core (80)

RECEIVED: September 1987.

SAMPLE(S) FROM: Boston Bay Mines Ltd.

Sample No.	Au oz.	Pt oz.	Pd oz.	Cu %	Ni %
490680	0.005	0.002	0.021	0.056	0.036
90	0.006	0.003	0.059	0.062	0.076
490700	0.008	0.004	0.056	0.114	0.118
10	0.004	0.003	0.024	0.052	0.048
20	0.003	0.004	0.030	0.028	0.036
30	0.007	0.002	0.057	0.116	0.084
40	0.003	0.002	0.022	0.040	0.034
50	0.003	Trace	0.026	0.038	0.036
60	0.002	Trace	0.015	0.028	0.022
70	0.004	Trace	0.014	0.034	0.028
80	0.003	Trace	0.014	0.036	0.034
90	0.003	Trace	0.021	0.042	0.034
490800	0.004	0.004	0.027	0.032	0.032
10	0.005	0.005	0.041	0.042	0.042
20	0.002	0.003	0.020	0.020	0.021
30	0.003	0.004	0.023	0.030	0.028
40	0.002	Trace	0.017	0.036	0.038
50	0.003	0.002	0.016	0.030	0.034
60	0.004	0.003	0.024	0.062	0.050
70	0.006	0.003	0.031	0.068	0.056
80	0.004	0.004	0.027	0.060	0.048
90	0.002	Trace	0.008	0.176	0.016
490900	Trace	Trace	Trace	0.007	0.004
10	Trace	Trace	0.008	0.017	0.012
20	Trace	Trace	Trace	0.008	0.004
30	Trace	Trace	0.003	0.030	0.009
40	0.003	0.005	0.048	0.096	0.140
50	0.002	0.003	0.029	0.048	0.050

IN ACCORDANCE WITH LONG-ESTABLISHED NORTH AMERICAN CUSTOM, UNLESS IT IS SPECIFICALLY STATED OTHERWISE GOLD AND SILVER VALUES REPORTED ON THESE SHEETS HAVE NOT BEEN ADJUSTED TO COMPENSATE FOR LOSSES AND GAINS INHERENT IN THE FIRE ASSAY PROCESS.

BELL-WHITE ANALYTICAL LABORATORIES LTD.



Certificate of Analysis

Page 3 of 3

NO. 3187

DATE: September 23, 1987

SAMPLE(S) OF: Core (80)

RECEIVED: September 1987

SAMPLE(S) FROM: Boston Bay Mines Ltd.

<u>Sample No.</u>	<u>Au oz.</u>	<u>Pt oz.</u>	<u>Pd oz.</u>	<u>Cu %</u>	<u>Ni %</u>
490960	0.002	0.003	0.023	0.026	0.030
70	0.002	0.002	0.025	0.040	0.034
80	Trace	Trace	0.016	0.036	0.040
90	0.002	0.003	0.029	0.028	0.030
491000	Trace	Trace	Trace	0.002	0.002
10	Trace	Trace	0.003	0.004	0.005
20	Trace	0.002	0.010	0.016	0.018
30	Trace	0.002	0.012	0.018	0.020
40	Trace	0.002	0.011	0.008	0.019
50	Trace	0.002	0.013	0.008	0.018
60	Trace	0.002	0.025	0.014	0.020
70	0.002	0.003	0.024	0.022	0.028
80	Trace	Trace	0.012	0.020	0.026
90	Trace	Trace	0.010	0.015	0.013
491100	Trace	Trace	0.009	0.010	0.012
10	Trace	Trace	0.004	0.010	0.008
20	Trace	Trace	Trace	0.005	0.003
30	Trace	Trace	Trace	0.006	0.005
40	Trace	Trace	Trace	0.005	0.004
50	Trace	Trace	Trace	0.004	0.005
60	Trace	Trace	Trace	0.006	0.003
70	Trace	Trace	Trace	0.013	0.003
80	Trace	Trace	Trace	0.005	0.004
90	Trace	Trace	Trace	0.008	0.005
491200	Trace	Trace	0.005	0.018	0.009
491207	Trace	Trace	0.004	0.011	0.007



BELL-WHITE ANALYTICAL LABORATORIES LTD.

P.O. BOX 187,

HAILEYBURY, ONTARIO

TEL: 672-3107

Certificate of Analysis

NO. 3256

DATE: September 29, 1987

SAMPLE(S) OF: Core (35)

RECEIVED: September 1987

SAMPLE(S) FROM: Boston Bay Mines Ltd.

Sample No.	Au oz.	Pt oz.	Pd oz.	Cu %	Ni %
500030	0.003	0.002	0.021	0.036	0.024
40	0.005	0.006	0.067	0.042	0.038
50	0.003	0.003	0.020	0.042	0.028
60	0.007	0.004	0.045	0.098	0.064
70	0.013	0.002	0.029	0.076	0.064
80	0.008	0.004	0.038	0.104	0.092
90	0.013	0.004	0.065	0.138	0.090
500100	0.006	0.003	0.033	0.086	0.058
10	0.013	0.002	0.028	0.076	0.058
20	0.006	0.002	0.032	0.092	0.078
30	0.005	0.002	0.026	0.072	0.054
40	0.005	0.002	0.020	0.084	0.060
50	0.005	0.002	0.013	0.088	0.066
60	0.003	0.002	0.011	0.080	0.058
70	0.002	Trace	0.012	0.052	0.034
80	0.002	Trace	0.009	0.046	0.034
90	0.005	0.002	0.020	0.088	0.060
500200	0.004	0.002	0.014	0.058	0.044
10	0.003	0.002	0.020	0.048	0.036
20	0.004	0.003	0.027	0.062	0.042
30	0.003	0.004	0.043	0.040	0.034
40	0.009	0.004	0.043	0.156	0.094
50	Trace	Trace	0.018	0.028	0.026
60	Trace	Trace	0.020	0.024	0.030
70	0.002	0.002	0.020	0.034	0.028
80	0.003	0.002	0.028	0.058	0.052
90	0.005	0.004	0.040	0.092	0.058
500300	0.002	0.002	0.025	0.038	0.034
10	0.006	0.006	0.054	0.102	0.082
20	0.002	0.003	0.027	0.042	0.036
30	0.006	0.007	0.066	0.132	0.098
40	0.004	0.005	0.050	0.068	0.068
50	0.008	0.004	0.060	0.156	0.108
60	0.006	0.003	0.037	0.082	0.076
70	0.004	0.005	0.046	0.076	0.068

IN ACCORDANCE WITH LONG-ESTABLISHED NORTH AMERICAN CUSTOM, UNLESS IT IS SPECIFICALLY STATED OTHERWISE GOLD AND SILVER VALUES REPORTED ON THESE SHEETS HAVE NOT BEEN ADJUSTED TO COMPENSATE FOR LOSSES AND GAINS INHERENT IN THE FIRE ASSAY PROCESS.

BELL-WHITE ANALYTICAL LABORATORIES LTD.



Certificate of Analysis

Page 1 of 12

NO. 3404

DATE: October 16, 1987

SAMPLE(S) OF: Core (343)

RECEIVED: October 1987

SAMPLE(S) FROM: Boston Bay Mines Ltd.

Sample No.	Au oz.	Pt oz.	Pd oz.	Cu %	Ni %
020490	Trace	Trace	Trace	0.006	0.004
020500	Trace	Trace	Trace	0.007	0.006
10	Trace	Trace	Trace	0.004	0.004
20	Trace	Trace	Trace	0.004	0.004
30	Trace	Trace	Trace	0.005	0.004
40	Trace	Trace	Trace	0.004	0.003
50	Trace	Trace	Trace	0.005	0.004
60	Trace	Trace	Trace	0.004	0.004
70	Trace	Trace	Trace	0.003	0.003
80	Trace	Trace	Trace	0.004	0.004
90	Trace	Trace	Trace	0.004	0.003
020600	Trace	Trace	Trace	0.004	0.002
031030	Trace	Trace	Trace	0.004	0.007
40	Trace	Trace	Trace	0.005	0.006
50	Trace	Trace	Trace	0.062	0.028
60	0.002	Trace	0.009	0.102	0.046
70	0.002	Trace	Trace	0.011	0.007
80	Trace	Trace	0.008	0.005	0.004
90	Trace	Trace	Trace	0.005	0.004
031100	Trace	Trace	Trace	0.009	0.005
10	Trace	Trace	Trace	0.004	0.003
20	Trace	Trace	0.002	0.005	0.004
30	Trace	Trace	0.004	0.005	0.005
40	Trace	Trace	Trace	0.005	0.004
50	Trace	Trace	0.004	0.007	0.005
60	Trace	Trace	0.003	0.006	0.005
70	Trace	Trace	0.003	0.008	0.005
80	Trace	Trace	0.003	0.004	0.005
90	Trace	Trace	0.004	0.007	0.004
031200	Trace	Trace	0.004	0.003	0.003

IN ACCORDANCE WITH LONG-ESTABLISHED NORTH AMERICAN CUSTOM UNLESS SPECIFICALLY STATED OTHERWISE GOLD AND SILVER VALUES REPORTED ON THESE SHEETS HAVE NOT BEEN ADJUSTED TO COMPENSATE FOR LOSSES AND GAINS INHERENT IN THE FIRE ASSAY PROCESS.

BELL-WHITE ANALYTICAL LABORATORIES LTD.

PER



Certificate of Analysis

Page 2 of 12

NO. 3404

DATE: October 16, 1987

SAMPLE(S) OF: Core (343)

RECEIVED: October 1987

SAMPLE(S) FROM: Boston Bay Mines Ltd.

Table with 6 columns: Sample No., Au oz., Pt oz., Pd oz., Cu %, Ni %. Rows include sample numbers 031210, 031300, 031400, and 040020 with their respective assay values.

IN ACCORDANCE WITH LONG-ESTABLISHED NORTH AMERICAN CUSTOM, UNLESS IT IS SPECIFICALLY STATED OTHERWISE, GOLD AND SILVER VALUES REPORTED ON THESE SHEETS HAVE NOT BEEN ADJUSTED TO COMPENSATE FOR LOSSES AND GAINS INHERENT IN THE FIRE ASSAY PROCESS.

BELL-WHITE ANALYTICAL LABORATORIES LTD.

Signature and PER label



Certificate of Analysis

Page 3 of 12

NO. 3404

DATE: October 16, 1987

SAMPLE(S) OF: Core (343)

RECEIVED: October 1987

SAMPLE(S) FROM: Boston Bay Mines Ltd.

Sample No.	Au oz.	Pt oz.	Pd oz.	Cu %	Ni %
040080	Trace	Trace	Trace	0.007	0.004
90	Trace	Trace	Trace	0.006	0.004
040100	Trace	Trace	Trace	0.008	0.004
10	Trace	Trace	Trace	0.009	0.005
20	Trace	Trace	Trace	0.007	0.004
30	Trace	Trace	Trace	0.007	0.004
40	Trace	Trace	Trace	0.006	0.004
50	Trace	Trace	Trace	0.007	0.004
60	0.005	0.002	0.008	0.082	0.056
70	Trace	Trace	0.010	0.017	0.012
130023	0.004	Trace	Trace	0.032	0.034
33	0.004	Trace	Trace	0.026	0.032
60	Trace	Trace	0.004	0.001	0.008
68	0.002	0.005	0.116	0.013	0.044
98	Trace	Trace	0.010	0.011	0.012
130108	Trace	Trace	0.012	0.007	0.011
130110	Trace	Trace	0.008	0.002	0.009
20	Trace	Trace	0.004	0.003	0.008
30	Trace	Trace	0.006	0.009	0.011
40	0.002	0.013	0.137	0.034	0.098
50	Trace	Trace	0.009	0.009	0.009
60	Trace	Trace	0.004	0.003	0.008
70	Trace	Trace	0.020	0.004	0.012
80	Trace	Trace	0.003	0.001	0.007
90	Trace	Trace	0.004	0.001	0.009
130200	Trace	Trace	0.003	0.001	0.007
10	Trace	Trace	0.003	0.004	0.008
20	Trace	Trace	0.005	0.004	0.007
30	Trace	Trace	0.004	0.004	0.008
40	Trace	Trace	0.002	0.007	0.007

IN ACCORDANCE WITH LONG-ESTABLISHED NORTH AMERICAN CUSTOM UNLESS IT IS SPECIFICALLY STATED OTHERWISE GOLD AND SILVER VALUES REPORTED ON THESE SHEETS HAVE NOT BEEN ADJUSTED TO COMPENSATE FOR LOSSES AND GAINS INHERENT IN THE FIRE ASSAY PROCESS.

BELL-WHITE ANALYTICAL LABORATORIES LTD.

PER [Signature]



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Page 4 of 12

NO. 3404

DATE: October 16, 1987

SAMPLE(S) OF: Core (343)

RECEIVED: October 1987

SAMPLE(S) FROM: Boston Bay Mines Ltd.

Table with 6 columns: Sample No., Au oz., Pt oz., Pd oz., Cu %, Ni %. Rows list sample numbers and corresponding assay results for various elements.

IN ACCORDANCE WITH LONG-ESTABLISHED NORTH AMERICAN CUSTOM UNLESS IT IS SPECIFICALLY STATED OTHERWISE GOLD AND SILVER VALUES REPORTED ON THESE ANALYSES HAVE NOT BEEN ADJUSTED TO COMPENSATE FOR LOSSES AND GAINS INHERENT IN THE FIRE ASSAY PROCESS.

BELL-WHITE ANALYTICAL LABORATORIES LTD.

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Certificate of Analysis

NO. 3404

DATE: October 16, 1987

SAMPLE(S) OF: Core (343)

RECEIVED: October 1987

SAMPLE(S) FROM: Boston Bay Mines Ltd.

Table with 6 columns: Sample No., Au oz., Pt oz., Pd oz., Cu %, Ni %. Rows include sample numbers 150500, 150600, 150700, and 170010 with their respective assay values for Au, Pt, Pd, Cu, and Ni.

IN ACCORDANCE WITH WELL-ESTABLISHED NORTH AMERICAN CUSTOM, ANALYSES ARE SPECIFICALLY STATED OTHERWISE. LOSS AND TOLERANCE VALUES REPORTED ON THESE ANALYSES HAVE NOT BEEN ADJUSTED TO COMPENSATE FOR LOSSES AND TOLERANCE INHERENT IN THE FIRE ASSAY PROCESS.

BELL-WHITE ANALYTICAL LABORATORIES LTD.

PER [Signature]



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NO. 3404 DATE: October 16, 1987
SAMPLE(S) OF: Core (343) RECEIVED: October 1987
SAMPLE(S) FROM: Boston Bay Mines Ltd.

Table with 6 columns: Sample No., Au oz., Pt oz., Pd oz., Cu %, Ni %. Rows include sample numbers 170070, 170100, 170200, and 170300 with corresponding assay values for Au, Pt, Pd, Cu, and Ni.

IN ACCORDANCE WITH LONG-ESTABLISHED NORTH AMERICAN CUSTOM UNLESS IT IS SPECIFICALLY STATED OTHERWISE GOLD AND SILVER VALUES REPORTED ON THESE SHEETS HAVE NOT BEEN ADJUSTED TO COMPENSATE FOR LOSSES AND GAINS INHERENT IN THE FIRE ASSAY PROCESS.

BELL-WHITE ANALYTICAL LABORATORIES LTD.

PER [Signature]



Certificate of Analysis

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NO. 3404

DATE: October 16, 1987

SAMPLE(S) OF: Core (343)

RECEIVED: October 1987

SAMPLE(S) FROM: Boston Bay Mines Ltd.

<u>Sample No.</u>	<u>Au oz.</u>	<u>Pt oz.</u>	<u>Pd oz.</u>	<u>Cu %</u>	<u>Ni %</u>
170360	Trace	Trace	0.002	0.034	0.012
70	Trace	Trace	Trace	0.010	0.005
80	Trace	Trace	Trace	0.010	0.004
90	Trace	Trace	Trace	0.008	0.004
170400	Trace	Trace	Trace	0.008	0.004
10	Trace	Trace	Trace	0.008	0.005
20	Trace	Trace	Trace	0.008	0.005
30	Trace	Trace	Trace	0.006	0.005
40	Trace	Trace	Trace	0.006	0.004
50	Trace	Trace	Trace	0.008	0.004
60	Trace	Trace	Trace	0.007	0.006
70	Trace	Trace	Trace	0.007	0.004
80	Trace	Trace	Trace	0.007	0.004
90	Trace	Trace	Trace	0.005	0.004
170500	Trace	Trace	Trace	0.006	0.004
10	Trace	Trace	Trace	0.018	0.008
20	Trace	Trace	Trace	0.007	0.004
30	Trace	Trace	Trace	0.008	0.005
40	Trace	Trace	Trace	0.008	0.004
50	Trace	Trace	Trace	0.007	0.004
60	Trace	Trace	Trace	0.007	0.004
70	Trace	Trace	Trace	0.008	0.005
80	Trace	Trace	Trace	0.010	0.005
90	Trace	Trace	0.002	0.021	0.010
94	Trace	Trace	0.003	0.017	0.006
280340	Trace	Trace	Trace	0.010	0.008
50	Trace	Trace	0.002	0.010	0.010
60	Trace	Trace	0.002	0.009	0.011
70	Trace	Trace	0.002	0.004	0.009

IN ACCORDANCE WITH LONG-ESTABLISHED NORTH AMERICAN CUSTOM UNLESS IT IS SPECIFICALLY STATED OTHERWISE GOLD AND SILVER VALUES REPORTED ON THESE CERTIFICATES HAVE NOT BEEN ADJUSTED TO COMPENSATE FOR LOSS AND GAINS INHERENT IN THE FIRE ASSAY PROCESS.

BELL-WHITE ANALYTICAL LABORATORIES LTD.

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BELL - WHITE ANALYTICAL LABORATORIES LTD.

P.O. BOX 187.

HAILEYBURY, ONTARIO

TEL: 672-3107

Certificate of Analysis

Page 8 of 12

NO. 3404

DATE: October 16, 1987

SAMPLE(S) OF: Core (343)

RECEIVED: October 1987

SAMPLE(S) FROM: Boston Bay Mines Ltd.

Sample No.	Au oz.	Pt oz.	Pd oz.	Cu %	Ni %
280380	Trace	Trace	0.002	0.004	0.008
90	Trace	Trace	0.002	0.003	0.008
280400	Trace	Trace	Trace	0.003	0.005
10	Trace	Trace	Trace	0.016	0.016
20	Trace	Trace	Trace	0.007	0.007
28	Trace	Trace	Trace	0.010	0.008
280480	Trace	Trace	Trace	0.004	0.003
90	Trace	Trace	Trace	0.002	0.002
280500	Trace	Trace	Trace	0.002	0.002
10	Trace	Trace	Trace	0.002	0.002
20	Trace	Trace	Trace	0.002	0.002
30	Trace	Trace	Trace	0.003	0.002
40	Trace	Trace	Trace	0.005	0.002
50	Trace	Trace	Trace	0.011	0.002
60	Trace	Trace	Trace	0.004	0.002
70	Trace	Trace	Trace	0.004	0.002
80	Trace	Trace	Trace	0.002	0.002
90	Trace	Trace	Trace	0.002	0.002
280600	Trace	Trace	Trace	0.004	0.002
10	Trace	Trace	Trace	0.003	0.002
20	Trace	Trace	Trace	0.002	0.002
30	Trace	Trace	Trace	0.002	0.002
40	Trace	Trace	Trace	0.002	0.002
50	Trace	Trace	Trace	0.001	0.001
60	Trace	Trace	Trace	0.002	0.001
70	Trace	Trace	Trace	0.001	0.001
80	Trace	Trace	Trace	0.001	0.001
90	Trace	Trace	Trace	0.004	0.001
280700	Trace	Trace	Trace	0.006	0.002

IN ACCORDANCE WITH LONG-ESTABLISHED NORTH AMERICAN CUSTOMS, VALUES ARE SPECIFICALLY STATED OTHER THAN PURE METAL VALUES REPORTED ON THE BASIS OF WHICH THEY HAVE NOT BEEN ADJUSTED TO COMPENSATE FOR LOSS OF METAL DURING THE FIRE ASSAY PROCESS

BELL-WHITE ANALYTICAL LABORATORIES LTD.

PER:



Certificate of Analysis

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NO. 3404

DATE: October 16, 1987

SAMPLE(S) OF: Core (343)

RECEIVED: October 1987

SAMPLE(S) FROM: Boston Bay Mines Ltd.

Table with 6 columns: Sample No., Au oz., Pt oz., Pd oz., Cu %, Ni %. Rows include sample numbers like 280710, 350160, 350207, 390230, 390300, 390490, 390500.

** Checked

IN ACCORDANCE WITH LONG-ESTABLISHED NORTH AMERICAN CUSTOM UNLESS OTHERWISE SPECIFICALLY STATED OTHERWISE GOLD AND SILVER VALUES REPORTED ON THESE CERTS HAVE NOT BEEN ADJUSTED TO COMPEN. SALES FOR LOSSES AND GAINS INCURRED IN THE FINE ASSAY PROCESS

BELL-WHITE ANALYTICAL LABORATORIES LTD.

PER [Signature]



Certificate of Analysis

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NO. 3404

DATE: October 16, 1987

SAMPLE(S) OF: Core (343)

RECEIVED: October 1987

SAMPLE(S) FROM: Boston Bay Mines Ltd.

<u>Sample No.</u>	<u>Au oz.</u>	<u>Pt oz.</u>	<u>Pd oz.</u>	<u>Cu %</u>	<u>Ni %</u>
30540	0.007	0.008	0.076	0.142	0.122
50	0.004	0.011	0.057	0.072	0.052
60	0.007**	0.048**	0.177**	0.082	0.066
70	0.003	0.003	0.027	0.046	0.042
80	0.003	0.005	0.020	0.028	0.022
500380	0.005	0.003	0.045	0.066	0.062
90	0.004	0.002	0.031	0.056	0.050
500400	0.005	0.004	0.048	0.064	0.048
10	0.006	0.004	0.042	0.080	0.064
20	0.004	0.004	0.051	0.070	0.060
30	0.004	0.003	0.046	0.068	0.064
40	0.004	0.003	0.033	0.062	0.044
50	Trace	Trace	0.035	0.026	0.040
60	Trace	Trace	0.003	0.068	0.005
70	Trace	Trace	0.013	0.006	0.015
80	Trace	Trace	Trace	0.006	0.006
90	Trace	Trace	Trace	0.007	0.004
500500	Trace	Trace	Trace	0.005	0.003
10	Trace	Trace	Trace	0.007	0.004
20	Trace	Trace	0.003	0.038	0.008
30	Trace	Trace	0.005	0.014	0.011
40	Trace	Trace	0.016	0.030	0.020
50	Trace	Trace	0.018	0.026	0.030
60	Trace	Trace	0.021	0.028	0.042
70	Trace	Trace	0.037	0.048	0.038
80	0.002	0.002	0.041	0.068	0.052
90	0.003	0.002	0.032	0.054	0.038
500600	0.003	0.008	0.056	0.052	0.036
10	0.005	0.003	0.050	0.106	0.076

** Checked

IN ACCORDANCE WITH WELLS ESTABLISHED NORTH AMERICAN CODES, UNLESS OTHERWISE SPECIFICALLY STATED OTHER ANALYSES AND VALUES REPORTED ON THESE RESULTS HAVE NOT BEEN ADJUSTED TO COMPENSATE FOR LOSSES AND GAINS INHERENT IN THE FIRE ASSAY PROCESS.

BELL-WHITE ANALYTICAL LABORATORIES LTD.

PER 



Certificate of Analysis

Page 12 of 12

NO. 3404

DATE: October 16, 1987

SAMPLE(S) OF: Core (343)

RECEIVED: October 1987

SAMPLE(S) FROM: Boston Bay Mines Ltd.

Table with 6 columns: Sample No., Au oz., Pt oz., Pd oz., Cu %, Ni %. Rows include sample numbers 500910, 501000, and 501100 with their respective assay results.

IN ACCORDANCE WITH LONG-ESTABLISHED NORTH AMERICAN CUSTOMS... THESE SHEETS HAVE NOT BEEN ADJUSTED TO COMPENSATE FOR LOSSES AND GAINS INHERENT IN THE FIRE ASSAY PROCESS.

BELL-WHITE ANALYTICAL LABORATORIES LTD.

PER: [Signature]



Certificate of Analysis

Page 11 of 12

NO 3404

DATE: October 16, 1987

SAMPLE(S) OF: Core (343)

RECEIVED: October 1987

SAMPLE(S) FROM: Boston Bay Mines Ltd.

Table with 6 columns: Sample No., Au oz., Pt oz., Pd oz., Cu %, Ni %. Rows include sample numbers 500620, 500700, 500800, and 500900 with their respective assay values.

IN ACCORDANCE WITH LONG-ESTABLISHED NORTH AMERICAN CUSTOMS... THESE SHEETS HAVE NOT BEEN ADJUSTED TO COMPENSATE FOR LOSSES AND GAINS INHERENT IN THE FIRE ASSAY PROCESS.

BELL-WHITE ANALYTICAL LABORATORIES LTD.

Signature and PER label



BELL-WHITE ANALYTICAL LABORATORIES LTD.

P.O. BOX 187.

HAILEYBURY, ONTARIO

TEL: 672-3107

Certificate of Analysis

NO. 3407

DATE: October 19, 1987

SAMPLE(S) OF: Fines (11)

RECEIVED: October 1987

SAMPLE(S) FROM: Mr. G. W. Reschke, Boston Bay Mines

<u>Sample No.</u>	<u>Au Oz.</u>	<u>Pt Oz.</u>	<u>Pd Oz.</u>	<u>Cu %</u>	<u>Ni %</u>
15*	.152	.041	.152	.098	.720
6	.053	.005	.066	.126	.260
7*	.141	.025	.091	1.120	.780
8	.122	.055	.563	.050	.050
9	.008	.006	.035	.042	.038
20*	.016	.025	.107	.240	.132
1	.110	.056	.558	1.100	.800
2	.007	.005	.027	.038	.032
3*	.014	.024	.100	.260	.110
4	.099	.051	.494	1.020	.066
5	.008	.006	.033	.046	.044

* Insufficient sample for accurate analysis.

IN ACCORDANCE WITH LONG ESTABLISHED NORTH AMERICAN CUSTOMS, THE SPECIFICALLY STATED OTHER AG AND SILVER VALUES REPORTED ON THESE SHEETS HAVE NOT BEEN ADJUSTED TO COMPENSATE FOR LOSSES AND GAINS INHERENT IN THE FIRE ASSAY PROCESS.

BELL-WHITE ANALYTICAL LABORATORIES LTD.

PER 



BELL - WHITE ANALYTICAL LABORATORIES LTD.

P.O. BOX 187.

HAILEYBURY, ONTARIO

TEL: 672-3107

Certificate of Analysis

NO. 3544

DATE: October 27, 1987

SAMPLE(S) OF: Core (17)

RECEIVED: October 1987

SAMPLE(S) FROM: Boston Bay Mines Ltd.

<u>Sample No.</u>	<u>Au oz.</u>	<u>Pt oz.</u>	<u>Pd oz.</u>	<u>Cu %</u>	<u>Ni %</u>
390590	0.010	0.003	0.025	0.078	0.046
390600	0.005	Trace	0.023	0.090	0.074
10	0.004	0.004	0.043	0.102	0.098
20	0.003	0.002	0.035	0.066	0.064
30	Trace	Trace	0.011	0.030	0.022
40	Trace	Trace	0.009	0.028	0.019
50	Trace	Trace	0.013	0.017	0.022
57	Trace	Trace	0.009	0.011	0.012
67	0.003	Trace	0.027	0.054	0.034
77	Trace	Trace	0.011	0.019	0.019
87	0.002	Trace	0.023	0.048	0.040
97	Trace	Trace	0.012	0.016	0.022
390700	0.002	0.002	0.040	0.042	0.062
10	0.003	0.003	0.027	0.040	0.030
20	Trace	Trace	0.005	0.010	0.005
30	Trace	Trace	0.007	0.007	0.014
35	Trace	Trace	0.008	0.005	0.015

IN ACCORDANCE WITH LONG-ESTABLISHED NORTH AMERICAN CUSTOM, UNLESS IT IS SPECIFICALLY STATED OTHERWISE GOLD AND SILVER VALUES REPORTED ON THESE SHEETS HAVE NOT BEEN ADJUSTED TO COMPENSATE FOR LOSSES AND GAINS INHERENT IN THE FIRE ASSAY PROCESS.

BELL-WHITE ANALYTICAL LABORATORIES LTD.



BELL - WHITE ANALYTICAL LABORATORIES LTD.

P.O. BOX 187.

HAILEYBURY, ONTARIO

TEL: 672-3107

Certificate of Analysis

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NO. 3553

DATE: October 28, 1987

SAMPLE(S) OF: Core (73)

RECEIVED: October 1987

SAMPLE(S) FROM: Boston Bay Mines Ltd.

<u>Sample No.</u>	<u>Au oz.</u>	<u>Pt oz.</u>	<u>Pd oz.</u>	<u>Cu %</u>	<u>Ni %</u>
080010	Trace	Trace	Trace	0.019	0.007
20	Trace	Trace	0.002	0.008	0.007
30	Trace	Trace	0.003	0.019	0.009
40	Trace	Trace	Trace	0.019	0.008
50	Trace	Trace	Trace	0.019	0.007
60	Trace	Trace	Trace	0.010	0.004
70	Trace	Trace	Trace	0.010	0.003
80	Trace	Trace	Trace	0.018	0.004
90	Trace	Trace	Trace	0.020	0.005
080100	Trace	Trace	Trace	0.020	0.004
04	Trace	Trace	Trace	0.026	0.003
50	Trace	Trace	Trace	0.022	0.005
60	Trace	Trace	Trace	0.002	0.004
70	Trace	Trace	Trace	0.018	0.003
80	Trace	Trace	Trace	0.022	0.004
90	Trace	Trace	Trace	0.022	0.004
080200	Trace	Trace	Trace	0.011	0.005
10	Trace	Trace	Trace	0.015	0.004
21	0.003	Trace	Trace	0.009	0.004
250010	0.003	Trace	0.018	0.005	0.040
20	0.002	0.002	0.019	0.048	0.036
30	Trace	0.002	0.013	0.028	0.024
40	Trace	Trace	0.011	0.030	0.024
50	0.002	Trace	0.017	0.030	0.028

IN ACCORDANCE WITH LONG-ESTABLISHED NORTH AMERICAN CUSTOM UNLESS IT IS SPECIFICALLY STATED OTHERWISE GOLD AND SILVER VALUES REPORTED ON THESE SHEETS HAVE NOT BEEN ADJUSTED TO COMPENSATE FOR LOSSES AND GAINS INHERENT IN THE FIRE ASSAY PROCESS

BELL-WHITE ANALYTICAL LABORATORIES LTD.

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Certificate of Analysis

Page 2 of 3

NO. 3553

DATE: October 28, 1987

SAMPLE(S) OF: Core (73)

RECEIVED: October 1987

SAMPLE(S) FROM: Boston Bay Mines Ltd.

Sample No.	Au oz.	Pt oz.	Pd oz.	Cu %	Ni %
250060	0.004	0.002	0.042	0.052	0.042
70	0.003	0.002	0.025	0.048	0.032
80	Trace	Trace	Trace	0.009	0.005
90	Trace	Trace	Trace	0.008	0.005
250100	Trace	Trace	Trace	0.006	0.005
10	Trace	Trace	Trace	0.005	0.003
20	Trace	Trace	0.002	0.024	0.007
30	Trace	Trace	0.008	0.028	0.014
40	Trace	Trace	0.017	0.011	0.018
50	Trace	Trace	0.030	0.030	0.032
60	Trace	Trace	0.003	0.019	0.008
70	0.002	Trace	Trace	0.032	0.007
80	Trace	Trace	0.005	0.007	0.008
90	Trace	Trace	0.020	0.019	0.032
250200	Trace	Trace	0.009	0.017	0.018
10	Trace	Trace	0.004	0.018	0.010
20	Trace	Trace	0.005	0.016	0.011
30	0.002	0.002	0.029	0.062	0.046
40	Trace	Trace	0.018	0.026	0.030
50	Trace	Trace	0.011	0.007	0.008
60	Trace	Trace	0.012	0.016	0.013
70	Trace	Trace	0.008	0.012	0.009
80	Trace	Trace	0.010	0.022	0.018
90	Trace	Trace	0.014	0.022	0.020
250300	0.003	0.002	0.019	0.038	0.034

IN ACCORDANCE WITH LONG-ESTABLISHED NORTH AMERICAN CUSTOM UNLESS IT IS SPECIFICALLY STATED OTHERWISE GOLD AND SILVER VALUES REPORTED ON THESE SHEETS HAVE NOT BEEN ADJUSTED TO COMPENSATE FOR LOSSES AND GAINS INHERENT IN THE FIRE ASSAY PROCESS.

BELL-WHITE ANALYTICAL LABORATORIES LTD.

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Certificate of Analysis

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NO. 3553

DATE: October 28, 1987

SAMPLE(S) OF: Core (73)

RECEIVED: October 1987

SAMPLE(S) FROM: Boston Bay Mines Ltd.

<u>Sample No.</u>	<u>Au oz.</u>	<u>Pt oz.</u>	<u>Pd oz.</u>	<u>Cu %</u>	<u>Ni %</u>
250310	Trace	Trace	0.017	0.024	0.020
20	Trace	Trace	0.018	0.007	0.013
30	Trace	Trace	0.015	0.032	0.030
40	0.002	Trace	0.017	0.038	0.036
50	0.003	0.002	0.024	0.046	0.034
60	0.005	Trace	0.026	0.066	0.044
70	Trace	Trace	0.012	0.026	0.019
80	0.008	0.003	0.042	0.082	0.060
91	0.010	0.005	0.093	0.150	0.138
290032	Trace	Trace	0.008	0.004	0.007
40	Trace	Trace	0.008	0.044	0.046
51	0.003	0.002	0.022	0.011	0.012
290130	Trace	Trace	0.008	0.016	0.017
40	Trace	Trace	0.018	0.054	0.034
50	0.005	0.002	0.058	0.084	0.094
60	Trace	Trace	0.011	0.012	0.013
70	Trace	Trace	0.007	0.014	0.011
80	Trace	Trace	0.008	0.008	0.009
90	Trace	Trace	0.020	0.018	0.017
290200	Trace	Trace	0.005	0.002	0.005
10	Trace	Trace	0.005	0.009	0.007
20	Trace	Trace	0.010	0.017	0.006
30	Trace	Trace	Trace	0.018	0.012
40	Trace	Trace	0.006	0.028	0.013

IN ACCORDANCE WITH LONG-ESTABLISHED NORTH AMERICAN CUSTOM, UNLESS IT IS SPECIFICALLY STATED OTHERWISE, GOLD AND SILVER VALUES REPORTED ON THESE SHEETS HAVE NOT BEEN ADJUSTED TO COMPENSATE FOR LOSSES AND GAINS INHERENT IN THE FIRE ASSAY PROCESS.

BELL-WHITE ANALYTICAL LABORATORIES LTD.

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Certificate of Analysis

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NO. 3592

DATE: November 2, 1987

SAMPLE(S) OF: Core (52)

RECEIVED: November 1987

SAMPLE(S) FROM: Boston Bay Mines Ltd.

Sample No.	Au oz.	Pt oz.	Pd oz.	Cu %	Ni %
600010	Trace	Trace	Trace	0.012	0.005
20	Trace	Trace	Trace	0.012	0.005
30	Trace	Trace	Trace	0.012	0.005
40	Trace	Trace	Trace	0.013	0.005
50	Trace	Trace	Trace	0.013	0.004
60	Trace	Trace	Trace	0.011	0.004
64	Trace	Trace	Trace	0.006	0.005
90	Trace	Trace	Trace	0.014	0.006
600100	Trace	Trace	Trace	0.012	0.005
10	Trace	Trace	Trace	0.012	0.006
20	Trace	Trace	Trace	0.012	0.006
30	Trace	Trace	Trace	0.013	0.005
40	Trace	Trace	Trace	0.012	0.006
50	Trace	Trace	Trace	0.011	0.004
60	Trace	Trace	Trace	0.012	0.004
70	Trace	Trace	Trace	0.013	0.004
80	Trace	Trace	Trace	0.012	0.004
82	0.012	Trace	Trace	0.008	0.003
600200	Trace	Trace	Trace	0.019	0.013
10	Trace	Trace	Trace	0.030	0.011
30	Trace	Trace	Trace	0.010	0.004
40	Trace	Trace	Trace	0.008	0.005
70	Trace	Trace	Trace	0.006	0.005
78	Trace	Trace	Trace	0.007	0.004
84	Trace	Trace	Trace	0.008	0.005
600300	Trace	Trace	Trace	0.005	0.003

IN ACCORDANCE WITH LONG-ESTABLISHED NORTH AMERICAN CUSTOM, UNLESS IT IS SPECIFICALLY STATED OTHERWISE GOLD AND SILVER VALUES REPORTED ON THESE SHEETS HAVE NOT BEEN ADJUSTED TO COMPENSATE FOR LOSSES AND GAINS INHERENT IN THE FIRE ASSAY PROCESS.

BELL-WHITE ANALYTICAL LABORATORIES LTD.

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Certificate of Analysis

Page 2 of 2

NO. 3592

DATE: November 2, 1987

SAMPLE(S) OF: Core (52)

RECEIVED: November 1987

SAMPLE(S) FROM: Boston Bay Mines Ltd.

Sample No.	Au oz.	Pt oz.	Pd oz.	Cu %	Ni %
600310	Trace	Trace	Trace	0.005	0.003
20	0.009	Trace	Trace	0.009	0.006
40	Trace	Trace	0.003	0.016	0.009
50	Trace	Trace	Trace	0.005	0.004
60	Trace	Trace	Trace	0.008	0.005
70	Trace	Trace	0.002	0.009	0.007
80	Trace	Trace	Trace	0.005	0.004
90	Trace	Trace	Trace	0.004	0.003
600400	Trace	Trace	Trace	0.005	0.003
600630	Trace	Trace	0.014	0.012	0.008
40	0.002	Trace	0.024	0.034	0.034
50	Trace	Trace	0.013	0.017	0.016
60	0.005	0.004	0.055	0.072	0.054
70	0.009	0.004	0.069	0.128	0.070
80	0.007	0.006	0.088	0.120	0.070
90	Trace	Trace	0.006	0.016	0.011
600700	0.002	Trace	0.017	0.038	0.036
10	0.002	Trace	0.018	0.054	0.040
20	0.004	Trace	0.020	0.052	0.044
30	0.005	0.002	0.027	0.076	0.042
40	Trace	Trace	0.007	0.028	0.024
50	0.002	Trace	0.017	0.032	0.028
60	Trace	Trace	0.009	0.032	0.022
70	Trace	Trace	0.004	0.016	0.017
80	Trace	Trace	0.003	0.048	0.026
90	Trace	Trace	0.007	0.032	0.022

IN ACCORDANCE WITH LONG-ESTABLISHED NORTH AMERICAN CUSTOM, UNLESS IT IS SPECIFICALLY STATED OTHERWISE GOLD AND SILVER VALUES REPORTED ON THESE SHEETS HAVE NOT BEEN ADJUSTED TO COMPENSATE FOR LOSSES AND GAINS INHERENT IN THE FIRE ASSAY PROCESS.

BELL-WHITE ANALYTICAL LABORATORIES LTD.

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NO. 3603

DATE: November 3, 1987

SAMPLE(S) OF: Core (56)

RECEIVED: November 1987

SAMPLE(S) FROM: Boston Bay Mines Ltd.

<u>Sample No.</u>	<u>Au oz.</u>	<u>Pt oz.</u>	<u>Pd oz.</u>	<u>Cu %</u>	<u>Ni %</u>
080110	0.002	Trace	Trace	0.020	0.004
20	Trace	Trace	Trace	0.028	0.009
30	Trace	Trace	Trace	0.017	0.005
40	Trace	Trace	Trace	0.012	0.004
43	Trace	Trace	Trace	0.015	0.004
290250	0.002	Trace	0.011	0.022	0.026
60	Trace	Trace	0.005	0.012	0.012
70	Trace	Trace	0.010	0.016	0.017
80	Trace	Trace	0.005	0.030	0.016
90	Trace	Trace	0.006	0.014	0.009
290300	Trace	Trace	Trace	0.016	0.011
10	Trace	Trace	Trace	0.013	0.010
20	0.004	Trace	0.012	0.058	0.054
30	Trace	Trace	0.010	0.020	0.010
40	Trace	Trace	0.017	0.015	0.009
44	Trace	Trace	0.012	0.026	0.014
66	Trace	Trace	0.007	0.005	0.009
440020	Trace	Trace	Trace	0.011	0.003
30	Trace	Trace	Trace	0.005	0.003
36	Trace	Trace	Trace	0.005	0.003
46	Trace	Trace	Trace	0.011	0.006
54	Trace	Trace	0.004	0.009	0.011
64	0.003	Trace	0.015	0.034	0.032
72	0.003	Trace	0.028	0.034	0.032
80	0.002	Trace	0.004	0.048	0.038
90	0.002	Trace	0.003	0.011	0.008
99	0.002	Trace	0.019	0.032	0.030
440109	Trace	Trace	0.002	0.010	0.009
20	Trace	Trace	Trace	0.008	0.005

IN ACCORDANCE WITH LONG-ESTABLISHED NORTH AMERICAN CUSTOM, UNLESS IT IS SPECIFICALLY STATED OTHERWISE GOLD AND SILVER VALUES REPORTED ON THESE SHEETS HAVE NOT BEEN ADJUSTED TO COMPENSATE FOR LOSSES AND GAINS INHERENT IN THE FIRE ASSAY PROCESS.

BELL-WHITE ANALYTICAL LABORATORIES LTD.

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Certificate of Analysis

Page 2 of 2

NO. 3603

DATE: November 3, 1987

SAMPLE(S) OF: Core (56)

RECEIVED: November 1987

SAMPLE(S) FROM: Boston Bay Mines Ltd.

Sample No.	Au oz.	Pt oz.	Pd oz.	Cu %	Ni %
440130	Trace	Trace	Trace	0.006	0.004
35	Trace	Trace	Trace	0.004	0.003
600070	Trace	Trace	Trace	0.009	0.005
80	Trace	Trace	Trace	0.011	0.005
82	Trace	Trace	Trace	0.009	0.005
600190	Trace	Trace	Trace	0.011	0.003
600200	Trace	Trace	Trace	0.007	0.005
50	Trace	Trace	Trace	0.008	0.006
59	Trace	Trace	Trace	0.005	0.004
600410	Trace	Trace	Trace	0.006	0.005
20	Trace	Trace	Trace	0.006	0.005
30	Trace	Trace	Trace	0.006	0.004
40	Trace	Trace	Trace	0.005	0.005
50	Trace	Trace	Trace	0.004	0.004
60	Trace	Trace	Trace	0.004	0.005
70	Trace	Trace	Trace	0.006	0.005
80	Trace	Trace	Trace	0.005	0.004
91	Trace	Trace	Trace	0.004	0.003
05A1210	0.006	0.003	0.041	0.076	0.078
20	0.009	0.004	0.078	0.140	0.150
30	0.004	Trace	0.033	0.060	0.058
40	Trace	Trace	0.019	0.026	0.030
50	Trace	Trace	0.020	0.022	0.034
60	0.004	0.003	0.047	0.054	0.064
70	0.002	0.003	0.030	0.040	0.048
80	0.003	0.003	0.027	0.034	0.046
90	0.004	0.004	0.044	0.058	0.070
05A1300	0.005	0.002	0.049	0.062	0.058



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NO. 3651

DATE: November 9, 1987

SAMPLE(S) OF: Core (44)

RECEIVED: November 1987

SAMPLE(S) FROM: Boston Bay Mines Ltd.

<u>Sample No.</u>	<u>Au oz.</u>	<u>Pt oz.</u>	<u>Pd oz.</u>	<u>Cu %</u>	<u>Ni %</u>
05A0020	Trace	Trace	0.002	0.006	0.010
30	Trace	Trace	0.004	0.005	0.012
40	Trace	Trace	0.003	0.005	0.015
50	Trace	Trace	0.003	0.006	0.012
60	Trace	Trace	0.003	0.006	0.010
70	Trace	Trace	0.002	0.006	0.010
80	Trace	Trace	Trace	0.007	0.011
90	Trace	Trace	0.002	0.008	0.010
05A0100	Trace	Trace	0.002	0.004	0.010
10	Trace	Trace	0.004	0.006	0.008
20	Trace	Trace	Trace	0.005	0.009
30	Trace	Trace	0.002	0.004	0.006
35	Trace	Trace	0.002	0.004	0.005
50	Trace	Trace	0.006	0.005	0.005
60	Trace	Trace	Trace	0.006	0.010
70	Trace	Trace	0.003	0.009	0.012
80	Trace	Trace	0.003	0.018	0.015
91	Trace	Trace	0.003	0.013	0.013
05A0200	Trace	Trace	0.005	0.015	0.011
10	Trace	Trace	0.003	0.015	0.014
20	Trace	Trace	0.003	0.020	0.015
30	Trace	Trace	Trace	0.007	0.010



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NO. 3651

DATE: November 9, 1987

SAMPLE(S) OF: Core (44)

RECEIVED: November 1987

SAMPLE(S) FROM: Boston Bay Mines Ltd.

<u>Sample No.</u>	<u>Au oz.</u>	<u>Pt oz.</u>	<u>Pd oz.</u>	<u>Cu %</u>	<u>Ni %</u>
05A0250	Trace	Trace	Trace	0.003	0.008
60	Trace	Trace	Trace	0.002	0.009
70	Trace	Trace	0.002	0.004	0.006
80	Trace	Trace	0.003	0.004	0.007
90	Trace	Trace	0.003	0.010	0.007
05A0300	Trace	Trace	0.003	0.006	0.010
10	Trace	Trace	Trace	0.004	0.007
20	Trace	Trace	Trace	0.003	0.014
05A1310	0.005	0.005	0.046	0.068	0.056
20	0.002	0.004	0.037	0.036	0.042
30	0.005	0.005	0.063	0.086	0.076
40	0.007	0.006	0.055	0.096	0.070
50	0.002	0.002	0.023	0.076	0.096
60	0.002	0.002	0.024	0.050	0.050
70	0.002	0.002	0.033	0.042	0.044
80	Trace	Trace	0.014	0.026	0.024
05A1384	0.002	Trace	0.016	0.036	0.026
90	0.003	Trace	0.013	0.042	0.026
05A1400	Trace	Trace	0.012	0.036	0.036
05A1404	0.003	0.002	0.016	0.064	0.046
05A1410	0.005	0.003	0.019	0.046	0.042
21	0.003	0.003	0.015	0.048	0.030

IN ACCORDANCE WITH LONG-ESTABLISHED NORTH AMERICAN CUSTOM, UNLESS IT IS SPECIFICALLY STATED OTHERWISE GOLD AND SILVER VALUES REPORTED ON THESE SHEETS HAVE NOT BEEN ADJUSTED TO COMPENSATE FOR LOSSES AND GAINS INHERENT IN THE FIRE ASSAY PROCESS.

BELL-WHITE ANALYTICAL LABORATORIES LTD.

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NO. 3652

DATE: November 9, 1987

SAMPLE(S) OF: Core (40)

RECEIVED: November 1987

SAMPLE(S) FROM: Boston Bay Mines Ltd.

<u>Sample No.</u>	<u>Au oz.</u>	<u>Pt oz.</u>	<u>Pd oz.</u>	<u>Cu %</u>	<u>Ni %</u>
05A0330	Trace	Trace	Trace	0.003	0.010
40	Trace	Trace	Trace	0.004	0.007
50	Trace	Trace	Trace	0.001	0.006
60	Trace	Trace	Trace	0.003	0.007
70	Trace	Trace	0.002	0.024	0.016
80	Trace	Trace	0.003	0.002	0.008
90	Trace	Trace	0.004	0.005	0.007
05A0400	Trace	Trace	0.006	0.004	0.007
10	Trace	Trace	0.007	0.003	0.009
20	Trace	Trace	0.002	0.009	0.008
30	Trace	Trace	0.003	0.006	0.009
40	Trace	Trace	0.002	0.011	0.036
50	Trace	Trace	Trace	0.011	0.012
60	Trace	Trace	0.003	0.026	0.009
70	Trace	Trace	Trace	0.016	0.005
80	Trace	Trace	Trace	0.009	0.005
05A0500	Trace	Trace	Trace	0.009	0.006
10	Trace	Trace	Trace	0.014	0.006
20	Trace	Trace	Trace	0.012	0.007
30	Trace	Trace	Trace	0.010	0.005

IN ACCORDANCE WITH LONG-ESTABLISHED NORTH AMERICAN CUSTOM, UNLESS IT IS SPECIFICALLY STATED OTHERWISE GOLD AND SILVER VALUES REPORTED ON THESE SHEETS HAVE NOT BEEN ADJUSTED TO COMPENSATE FOR LOSSES AND GAINS INHERENT IN THE FIRE ASSAY PROCESS.

BELL-WHITE ANALYTICAL LABORATORIES LTD.



Certificate of Analysis

Page 2 of 2

NO. 3652

DATE: November 9, 1987

SAMPLE(S) OF: Core (40)

RECEIVED: November 1987

SAMPLE(S) FROM: Boston Bay Mines Ltd.

<u>Sample No.</u>	<u>Au oz.</u>	<u>Pt oz.</u>	<u>Pd oz.</u>	<u>Cu %</u>	<u>Ni %</u>
05A0540	Trace	Trace	Trace	0.010	0.005
50	Trace	Trace	Trace	0.011	0.005
70	Trace	Trace	Trace	0.022	0.005
80	Trace	Trace	Trace	0.011	0.005
90	Trace	Trace	Trace	0.010	0.004
05A0600	Trace	Trace	Trace	0.007	0.004
10	Trace	Trace	Trace	0.007	0.004
20	Trace	Trace	Trace	0.007	0.004
30	Trace	Trace	Trace	0.007	0.004
40	Trace	Trace	Trace	0.012	0.006
50	Trace	Trace	Trace	0.014	0.006
60	Trace	Trace	Trace	0.007	0.004
70	Trace	Trace	Trace	0.007	0.005
80	Trace	Trace	Trace	0.009	0.007
90	Trace	Trace	Trace	0.008	0.007
05A0700	Trace	Trace	Trace	0.007	0.005
10	Trace	Trace	Trace	0.007	0.005
20	Trace	Trace	Trace	0.006	0.005
30	0.003	Trace	Trace	0.005	0.004
40	Trace	Trace	Trace	0.006	0.004

IN ACCORDANCE WITH LONG-ESTABLISHED NORTH AMERICAN CUSTOM, UNLESS IT IS SPECIFICALLY STATED OTHERWISE GOLD AND SILVER VALUES REPORTED ON THESE SHEETS HAVE NOT BEEN ADJUSTED TO COMPENSATE FOR LOSSES AND GAINS INHERENT IN THE FIRE ASSAY PROCESS.

BELL-WHITE ANALYTICAL LABORATORIES LTD.

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BELL-WHITE ANALYTICAL LABORATORIES LTD.

P.O. BOX 187,

HAILEYBURY, ONTARIO

TEL: 672-3107

Certificate of Analysis

Page 1 of 4

NO. 3768

DATE: November 19, 1987

SAMPLE(S) OF: Core (124)

RECEIVED: November 1987

SAMPLE(S) FROM: Boston Bay Mines Ltd.

Sample No.	Au oz.	Pt oz.	Pd oz.	Cu %	Ni %
090030	0.004**	0.017**	0.106**	0.068	0.062
40	0.004	0.008	0.055	0.082	0.076
50	Trace	0.002	0.019	0.026	0.038
60	Trace	Trace	0.029	0.020	0.042
70	Trace	Trace	0.022	0.030	0.044
090860	Trace	Trace	Trace	0.006	0.004
70	Trace	Trace	Trace	0.005	0.004
80	Trace	Trace	Trace	0.011	0.006
90	Trace	Trace	Trace	0.010	0.005
090900	Trace	Trace	Trace	0.005	0.005
100120	0.006	Trace	0.044	0.064	0.062
30	0.004	Trace	0.028	0.042	0.030
40	0.005	Trace	0.017	0.042	0.004
50	0.004	Trace	0.022	0.028	0.030
60	0.004	Trace	0.036	0.054	0.048
70	0.004	0.003	0.052	0.044	0.044
80	0.005	0.003	0.032	0.062	0.044
90	0.006	0.002	0.057	0.080	0.068
100200	0.009	0.003	0.043	0.082	0.070
10	0.002	Trace	0.041	0.026	0.036
20	0.002	0.003	0.044	0.032	0.056
30	Trace	Trace	0.012	0.015	0.022
40	Trace	Trace	0.027	0.014	0.022
50	0.002	Trace	0.027	0.036	0.034
60	Trace	Trace	0.023	0.014	0.028
70	0.002	Trace	0.027	0.048	0.042
80	0.002	0.002	0.040	0.026	0.030
90	Trace	Trace	0.021	0.015	0.015
100300	0.002	0.002	0.039	0.020	0.024
10	Trace	0.002	0.024	0.012	0.019
20	0.008**	0.023**	0.207**	0.042	0.050

** Checked

IN ACCORDANCE WITH LONG-ESTABLISHED NORTH AMERICAN CUSTOM, UNLESS IT IS SPECIFICALLY STATED OTHERWISE GOLD AND SILVER VALUES REPORTED ON THESE SHEETS HAVE NOT BEEN ADJUSTED TO COMPENSATE FOR LOSSES AND GAINS INHERENT IN THE FIRE ASSAY PROCESS.

BELL-WHITE ANALYTICAL LABORATORIES LTD.

PER 



Certificate of Analysis

Page 2 of 4

NO. 3768

DATE: November 19, 1987

SAMPLE(S) OF: Core (124)

RECEIVED: November 1987

SAMPLE(S) FROM: Boston Bay Mines Ltd.

Table with 6 columns: Sample No., Au oz., Pt oz., Pd oz., Cu %, Ni %. Rows include sample numbers 100330, 100510, 100600, 100950, and 101000 with their respective assay values.

** Checked

IN ACCORDANCE WITH LONG-ESTABLISHED NORTH AMERICAN CUSTOM, UNLESS IT IS SPECIFICALLY STATED OTHERWISE GOLD AND SILVER VALUES REPORTED ON THESE SHEETS HAVE NOT BEEN ADJUSTED TO COMPENSATE FOR LOSSES AND GAINS INHERENT IN THE FIRE ASSAY PROCESS.

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Certificate of Analysis

Page 3 of 4

NO. 3768

DATE: November 19, 1987

SAMPLE(S) OF: Core (124)

RECEIVED: November 1987

SAMPLE(S) FROM: Boston Bay Mines Ltd.

<u>Sample No.</u>	<u>Au oz.</u>	<u>Pt oz.</u>	<u>Pd oz.</u>	<u>Cu %</u>	<u>Ni %</u>
101054	Trace	Trace	0.003	0.005	0.010
64	Trace	Trace	0.006	0.004	0.010
73	Trace	Trace	0.003	0.007	0.010
80	0.002	Trace	0.008	0.016	0.017
90	Trace	Trace	0.007	0.008	0.013
101100	Trace	Trace	0.006	0.006	0.009
10	Trace	Trace	Trace	0.012	0.002
20	Trace	Trace	Trace	0.006	0.003
30	0.002	Trace	0.007	0.003	0.008
40	Trace	Trace	0.013	0.013	0.013
51	Trace	Trace	0.012	0.004	0.008
60	Trace	Trace	0.010	0.002	0.007
70	Trace	Trace	0.011	0.008	0.009
80	Trace	Trace	0.015	0.007	0.011
90	Trace	Trace	0.005	0.010	0.006
101200	Trace	Trace	0.013	0.011	0.008
10	Trace	Trace	0.006	0.005	0.005
20	Trace	Trace	0.007	0.002	0.009
28	Trace	Trace	0.016	0.003	0.010
101240	Trace	Trace	0.020	0.003	0.008
50	Trace	Trace	0.018	0.006	0.011
60	Trace	Trace	0.042	0.004	0.018
65	Trace	Trace	0.009	0.004	0.009
110160	0.003	0.003	0.029	0.044	0.038
70	0.002	0.004	0.034	0.032	0.036
80	0.002	0.003	0.025	0.028	0.028
90	0.003	0.002	0.022	0.034	0.040
110200	0.004	0.002	0.032	0.056	0.050
10	0.004	Trace	0.044	0.050	0.062
20	0.005	0.004	0.047	0.052	0.046
30	0.005	0.003	0.039	0.050	0.044

IN ACCORDANCE WITH LONG-ESTABLISHED NORTH AMERICAN CUSTOM, UNLESS IT IS SPECIFICALLY STATED OTHERWISE GOLD AND SILVER VALUES REPORTED ON THESE SHEETS HAVE NOT BEEN ADJUSTED TO COMPENSATE FOR LOSSES AND GAINS INHERENT IN THE FIRE ASSAY PROCESS.

BELL-WHITE ANALYTICAL LABORATORIES LTD.



Certificate of Analysis

Page 4 of 4

NO. 3768

DATE: November 19, 1987

SAMPLE(S) OF: Core (124)

RECEIVED: November 1987

SAMPLE(S) FROM: Boston Bay Mines Ltd.

Sample No.	Au oz.	Pt oz.	Pd oz.	Cu %	Ni %
110240	0.005	0.002	0.048	0.058	0.060
50	0.010	0.004	0.091	0.136	0.104
60	0.006	0.006	0.059	0.090	0.080
70	0.009	0.004	0.061	0.116	0.102
80	0.010	0.005	0.052	0.130	0.096
90	0.008	0.003	0.053	0.100	0.084
110300	Trace	Trace	0.020	0.016	0.028
10	0.003	0.004	0.063	0.036	0.042
20	0.007	0.006	0.054	0.084	0.066
30	0.004	0.002	0.026	0.056	0.042
40	0.006	0.004	0.044	0.070	0.064
50	0.004	0.005	0.060	0.078	0.078
60	Trace	Trace	0.006	0.015	0.014
70	Trace	Trace	0.009	0.026	0.026
80	0.003	Trace	0.016	0.038	0.028
90	Trace	Trace	0.007	0.012	0.012
110400	Trace	Trace	Trace	0.003	0.003
10	Trace	Trace	Trace	0.007	0.006
20	Trace	Trace	0.009	0.030	0.019
30	Trace	Trace	0.010	0.015	0.013
111086	Trace	Trace	Trace	0.004	0.004
96	Trace	Trace	Trace	0.007	0.004
111106	Trace	Trace	Trace	0.007	0.004
111115	Trace	Trace	Trace	0.006	0.004
27	Trace	Trace	Trace	0.007	0.006
05A0750	Trace	Trace	Trace	0.006	0.042
70	Trace	Trace	Trace	0.006	0.004
80	Trace	Trace	Trace	0.007	0.005
90	Trace	Trace	Trace	0.005	0.004
05A0800	0.003	Trace	Trace	0.007	0.004
10	Trace	Trace	Trace	0.007	0.004

IN ACCORDANCE WITH LONG-ESTABLISHED NORTH AMERICAN CUSTOM, UNLESS IT IS SPECIFICALLY STATED OTHERWISE GOLD AND SILVER VALUES REPORTED ON THESE SHEETS HAVE NOT BEEN ADJUSTED TO COMPENSATE FOR LOSSES AND GAINS INHERENT IN THE FIRE ASSAY PROCESS.

BELL-WHITE ANALYTICAL LABORATORIES LTD.

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BELL - WHITE ANALYTICAL LABORATORIES LTD.

P.O. BOX 187.

HAILEYBURY, ONTARIO

TEL: 672-3107

Certificate of Analysis

NO. 3788

DATE: November 20, 1987

SAMPLE(S) OF: Rock (22)

RECEIVED: November 1987

SAMPLE(S) FROM: Mr. Knut C. Kuhner, THUNDER BAY, Ontario

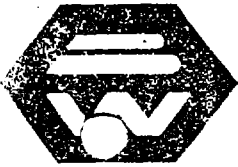
Sample No.	Au ppb	Pt ppb	Pd ppb	Cu ppm	Ag ppm	Ni ppm
7819	44**	536**	259**	152	2.6	9000
7820	45	less than 50	25	8	0.6	780
1	27	less than 50	30	8	1.2	1160
2	25	less than 50	21	40	1.2	1360
7823A	22	less than 50	22	8	1.4	980
7823B	19	less than 50	15	6	1.2	740
4	18	less than 50	36	16	1.0	1840
5	19	less than 50	14	14	1.2	1080
6	18	less than 50	21	8	1.0	1100
7828	36**	1425**	147**	320	2.6	9400
9	17	less than 50	21	18	1.0	740
7830	18	less than 50	15	8	1.0	1420
1	17	less than 50	19	102	0.8	980
2	32	less than 50	16	44	1.8	980
3	14	less than 50	18	8	1.0	500
4	17	less than 50	25	28	0.8	1280
5	22	less than 50	18	14	1.0	1260
6	17	less than 50	21	28	1.0	1960
7	33	less than 50	25	112	1.0	2400
8	15	less than 50	16	8	1.0	1420
9	15	less than 50	8	22	0.8	1140
7840	17	less than 50	11	26	1.2	112

** Checked

IN ACCORDANCE WITH LONG-ESTABLISHED NORTH AMERICAN CUSTOM, UNLESS IT IS SPECIFICALLY STATED OTHERWISE GOLD AND SILVER VALUES REPORTED ON THESE SHEETS HAVE NOT BEEN ADJUSTED TO COMPENSATE FOR LOSSES AND GAINS INHERENT IN THE FIRE ASSAY PROCESS.

BELL-WHITE ANALYTICAL LABORATORIES LTD.

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Certificate of Analysis

Page 1 of 2

NO. 3794

DATE: November 23, 1987

SAMPLE(S) OF: Core (46)

RECEIVED: November 1987

SAMPLE(S) FROM: Boston Bay Mines Ltd.

Sample No.	Au oz.	Pt oz.	Pd oz.	Cu %	Ni %
080230	Trace	Trace	Trace	0.009	0.004
40	Trace	Trace	Trace	0.016	0.005
50	Trace	Trace	Trace	0.020	0.005
60	Trace	Trace	Trace	0.009	0.005
70	Trace	Trace	Trace	0.011	0.004
80	Trace	Trace	Trace	0.010	0.004
90	Trace	Trace	Trace	0.015	0.004
080300	Trace	Trace	Trace	0.010	0.004
10	Trace	Trace	Trace	0.006	0.004
20	Trace	Trace	Trace	0.006	0.004
30	Trace	Trace	Trace	0.006	0.004
40	Trace	Trace	Trace	0.006	0.003
50	Trace	Trace	Trace	0.005	0.003
60	Trace	Trace	Trace	0.006	0.004
70	Trace	Trace	Trace	0.005	0.004
80	Trace	Trace	Trace	0.005	0.003
90	Trace	Trace	Trace	0.007	0.004
080400	Trace	Trace	Trace	0.007	0.005
10	Trace	Trace	Trace	0.005	0.005
20	Trace	Trace	Trace	0.007	0.004
30	Trace	Trace	Trace	0.006	0.005
40	Trace	Trace	Trace	0.013	0.006
50	Trace	Trace	Trace	0.006	0.004

IN ACCORDANCE WITH LONG ESTABLISHED NORTH AMERICAN CUSTOM UNLESS OTHERWISE SPECIFICALLY STATED OTHERWISE GOLD AND SILVER VALUES REPORTED ON THESE SHEETS HAVE NOT BEEN ADJUSTED TO COMPENSATE FOR LOSSES AND GAINS INHERENT IN THE FIRE ASSAY PROCESS.

BELL-WHITE ANALYTICAL LABORATORIES LTD.

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Certificate of Analysis

Page 2 of 2

NO. 3794

DATE: November 23, 1987

SAMPLE(S) OF: Core (46)

RECEIVED: November 1987

SAMPLE(S) FROM: Boston Bay Mines Ltd.

Sample No.	Au oz.	Pt oz.	Pd oz.	Cu %	Ni %
080460	Trace	Trace	Trace	0.008	0.005
70	Trace	Trace	0.003	0.008	0.006
80	Trace	Trace	Trace	0.005	0.005
90	Trace	Trace	Trace	0.006	0.004
080500	Trace	Trace	Trace	0.009	0.004
10	Trace	Trace	Trace	0.006	0.005
20	Trace	Trace	Trace	0.006	0.004
30	0.002	Trace	Trace	0.009	0.005
40	Trace	Trace	Trace	0.006	0.004
50	Trace	Trace	Trace	0.007	0.004
54	Trace	Trace	0.030	0.028	0.012
081020	Trace	Trace	0.006	0.012	0.014
30	Trace	Trace	0.009	0.052	0.034
40	0.003	Trace	0.013	0.054	0.038
50	Trace	Trace	0.006	0.028	0.016
60	Trace	Trace	0.006	0.036	0.020
70	Trace	Trace	Trace	0.016	0.006
30	Trace	Trace	0.002	0.026	0.016
90	0.003	Trace	0.017	0.084	0.046
081100	Trace	Trace	0.009	0.046	0.026
06	Trace	Trace	0.004	0.014	0.010
090910	Trace	Trace	Trace	0.008	0.009
16	Trace	Trace	Trace	0.003	0.009

IN ACCORDANCE WITH LONG ESTABLISHED NORTH AMERICAN CUSTOM UNLESS IT IS SPECIFICALLY STATED OTHERWISE GOLD AND SILVER VALUES REPORTED ON THESE SHEETS HAVE NOT BEEN ADJUSTED TO COMPENSATE FOR LOSSES AND GAINS INHERENT IN THE FIRE ASSAY PROCESS.

BELL-WHITE ANALYTICAL LABORATORIES LTD.

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BELL-WHITE ANALYTICAL LABORATORIES LTD.

P.O. BOX 187.

HAILEYBURY, ONTARIO

TEL: 672-3107

Certificate of Analysis

NO. 0548

DATE: February 29, 1988

SAMPLE(S) OF: Core (61)

RECEIVED: February 1988

SAMPLE(S) FROM: Boston Bay Mines Ltd.

Sample No.	Au oz.	Pt oz.	Pd oz.	Sample No.	Au oz.	Pt oz.	Pd oz.
510020	Trace	Trace	Trace	510310	Trace	Trace	Trace
30	Trace	Trace	Trace	20	Trace	Trace	Trace
40	Trace	Trace	Trace	30	Trace	Trace	Trace
50	Trace	Trace	Trace	40	Trace	Trace	Trace
60	Trace	Trace	Trace	50	Trace	Trace	Trace
70	Trace	Trace	Trace	60	Trace	Trace	Trace
80	Trace	Trace	Trace	70	Trace	Trace	Trace
90	Trace	Trace	Trace	80	Trace	Trace	Trace
510100	Trace	Trace	Trace	90	Trace	Trace	Trace
10	Trace	Trace	Trace	510400	Trace	Trace	Trace
20	Trace	Trace	Trace	10	Trace	Trace	Trace
30	Trace	Trace	Trace	20	Trace	Trace	Trace
40	Trace	Trace	Trace	28	Trace	Trace	Trace
50	Trace	Trace	Trace	32	Trace	Trace	Trace
54.5	Trace	Trace	Trace	38.5	Trace	Trace	Trace
55.5	Trace	Trace	Trace	43	Trace	Trace	Trace
60	Trace	Trace	Trace	50	Trace	Trace	Trace
70	Trace	Trace	Trace	60	Trace	Trace	Trace
80	Trace	Trace	Trace	70	Trace	Trace	Trace
90	Trace	Trace	Trace	80	Trace	Trace	Trace
510200	Trace	Trace	Trace	89	Trace	Trace	Trace
10	Trace	Trace	Trace	99	Trace	Trace	Trace
20	Trace	Trace	Trace	510508.5	Trace	Trace	Trace
30	Trace	Trace	Trace	20	Trace	Trace	Trace
40	Trace	Trace	Trace	30	Trace	Trace	Trace
50	Trace	Trace	Trace	40	Trace	Trace	Trace
60	Trace	Trace	Trace	50	Trace	Trace	Trace
70	Trace	Trace	Trace	60	Trace	Trace	Trace
80	Trace	Trace	Trace	70	Trace	Trace	Trace
90	Trace	Trace	Trace	80	Trace	Trace	Trace
510300	Trace	Trace	Trace				

IN ACCORDANCE WITH LONG-ESTABLISHED NORTH AMERICAN CUSTOM, UNLESS IT IS SPECIFICALLY STATED OTHERWISE GOLD AND SILVER VALUES REPORTED ON THESE SHEETS HAVE NOT BEEN ADJUSTED TO COMPENSATE FOR LOSSES AND GAINS INHERENT IN THE FIRE ASSAY PROCESS.

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BELL-WHITE ANALYTICAL LABORATORIES LTD.

P.O. BOX 187,

HAILEYBURY, ONTARIO

TEL: 672-3107

Certificate of Analysis

NO. 0642

DATE: March 18, 1988

SAMPLE(S) OF: Core (49)

RECEIVED: March 1988

SAMPLE(S) FROM: Boston Bay Mines Ltd.

Sample No.	Cu %	Ni %	Sample No.	Cu %	Ni %
530020	0.002	0.052	530270	ND	0.090
30	0.001	0.038	80	ND	0.114
40	0.004	0.098	90	0.002	0.100
50	0.002	0.110	530300	ND	0.078
60	0.004	0.102	10	ND	0.082
70	0.002	0.112	20	ND	0.090
80	ND	0.108	30	ND	0.096
90	0.002	0.114	40	ND	0.084
530100	ND	0.118	50	ND	0.088
10	ND	0.104	60	ND	0.082
20	ND	0.090	70	ND	0.072
30	ND	0.112	80	0.002	0.082
40	0.002	0.108	90	ND	0.074
50	ND	0.092	530400	0.002	0.072
60	ND	0.100	10	0.001	0.088
70	0.004	0.106	20	ND	0.082
80	0.004	0.118	30	0.001	0.080
90	0.004	0.066	40	0.002	0.102
530200	0.002	0.086	50	ND	0.094
10	0.002	0.092	60	0.004	0.124
20	0.002	0.060	70	0.001	0.114
30	0.002	0.068	80	0.002	0.090
40	ND	0.088	90	ND	0.086
50	ND	0.082	99	ND	0.080
60	ND	0.076			

NOTE: ND denotes not detected.

IN ACCORDANCE WITH LONG-ESTABLISHED NORTH AMERICAN CUSTOM, UNLESS IT IS SPECIFICALLY STATED OTHERWISE GOLD AND SILVER VALUES REPORTED ON THESE SHEETS HAVE NOT BEEN ADJUSTED TO COMPENSATE FOR LOSSES AND GAINS INHERENT IN THE FIRE ASSAY PROCESS.

BELL-WHITE ANALYTICAL LABORATORIES LTD.

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BELL - WHITE ANALYTICAL LABORATORIES LTD.

P.O. BOX 187.

HAILEYBURY, ONTARIO

TEL: 672-3107

Certificate of Analysis

NO. 0611

DATE: March 14, 1988

SAMPLE(S) OF: core (49)

RECEIVED: March 1988

SAMPLE(S) FROM: Boston Bay Mines Ltd.

Sample No.	Au oz.	Pt oz.	Pd oz.	Sample No.	Au oz.	Pt oz.	Pd oz.
530020	Trace	Trace	Trace	530260	Trace	Trace	Trace
30	0.038**	Trace	Trace	70	Trace	Trace	Trace
40	Trace	Trace	Trace	80	Trace	Trace	Trace
50	Trace	Trace	Trace	90	Trace	Trace	Trace
60	Trace	Trace	Trace	530300	Trace	Trace	Trace
70	Trace	Trace	Trace	10	Trace	Trace	Trace
80	Trace	Trace	Trace	20	Trace	Trace	Trace
90	Trace	Trace	Trace	30	Trace	Trace	Trace
530100	Trace	Trace	Trace	40	Trace	Trace	Trace
10	Trace	Trace	Trace	50	Trace	Trace	Trace
20	Trace	Trace	Trace	60	Trace	Trace	Trace
30	Trace	Trace	Trace	70	Trace	Trace	Trace
40	Trace	Trace	Trace	80	Trace	Trace	Trace
50	Trace	Trace	Trace	90	Trace	Trace	Trace
60	Trace	Trace	Trace	530400	Trace	Trace	Trace
70	Trace	Trace	Trace	10	Trace	Trace	Trace
80	Trace	Trace	Trace	20	Trace	Trace	Trace
90	Trace	Trace	Trace	30	Trace	Trace	Trace
530200	Trace	Trace	Trace	40	Trace	Trace	Trace
10	Trace	Trace	Trace	50	Trace	Trace	Trace
20	Trace	Trace	Trace	60	Trace	Trace	Trace
30	Trace	Trace	Trace	70	Trace	Trace	Trace
40	Trace	Trace	Trace	80	Trace	Trace	Trace
50	Trace	Trace	Trace	90	Trace	Trace	Trace
				530499	Trace	Trace	Trace

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IN ACCORDANCE WITH LONG-ESTABLISHED NORTH AMERICAN CUSTOM, UNLESS IT IS SPECIFICALLY STATED OTHERWISE GOLD AND SILVER VALUES REPORTED ON THESE SHEETS HAVE NOT BEEN ADJUSTED TO COMPENSATE FOR LOSSES AND GAINS INHERENT IN THE FIRE ASSAY PROCESS.

BELL-WHITE ANALYTICAL LABORATORIES LTD.

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BELL-WHITE ANALYTICAL LABORATORIES LTD.

P.O. BOX 187.

HAILEYBURY, ONTARIO

TEL: 672-3107

Certificate of Analysis

NO. 0580

DATE: March 9, 1988

SAMPLE(S) OF: Core (61)

RECEIVED: March 1988

SAMPLE(S) FROM: Boston Bay Mines Ltd.

Sample No.	Cu %	Ni %	Sample No.	Cu %	Ni %
510020	0.002	0.064	510300	0.011	0.058
30	0.002	0.070	10	0.003	0.080
40	0.002	0.078	20	0.003	0.082
50	0.002	0.072	30	0.004	0.076
60	0.002	0.070	40	0.004	0.072
70	0.002	0.090	50	0.002	0.066
80	0.002	0.076	60	0.001	0.072
90	0.002	0.092	70	0.002	0.074
510100	0.002	0.088	80	0.004	0.068
10	0.002	0.088	90	0.028	0.088
20	0.002	0.090	510400	0.001	0.074
30	0.002	0.104	10	0.001	0.084
40	ND	0.084	20	0.004	0.086
50	0.002	0.080	28.5	0.006	0.084
510154.5	0.002	0.070	32	0.006	0.088
55.5	0.004	0.086	38.5	0.002	0.080
60	0.004	0.074	43	0.004	0.006
70	0.002	0.080	50	0.001	0.076
80	0.002	0.068	60	0.004	0.082
90	0.002	0.084	70	0.006	0.046
510200	0.004	0.092	80	0.010	0.038
10	0.004	0.092	89	0.017	0.038
20	0.004	0.078	99	0.072	0.054
30	0.032	0.090	510508.5	0.022	0.038
40	0.026	0.102	20	0.006	0.038
50	0.001	0.084	30	0.009	0.050
60	0.001	0.080	40	0.016	0.048
70	0.003	0.090	50	0.002	0.017
80	0.003	0.110	60	0.005	0.042
90	0.003	0.098	70	0.017	0.040
			80	0.018	0.038

NOTE: ND denotes not detected.

IN ACCORDANCE WITH LONG-ESTABLISHED NORTH AMERICAN CUSTOM, UNLESS IT IS SPECIFICALLY STATED OTHERWISE GOLD AND SILVER VALUES REPORTED ON THESE SHEETS HAVE NOT BEEN ADJUSTED TO COMPENSATE FOR LOSSES AND GAINS INHERENT IN THE FIRE ASSAY PROCESS.

BELL-WHITE ANALYTICAL LABORATORIES LTD.

PER 

Diamond Drilling Log

PROPERTY For the Isles COORDINATES Eon 138 4770 W 92 A DRILL HOLE NO. 87-35
 COMMENCED Jan 13 1987 ELEVATION ~ 995
 COMPLETED Jan 14 1987 BEARING 251° S 71° W
 LOCATION Centre + West (E) Zones DEPTH 236' DIPS -45° SHEET NO. one of six
 core split to 150' prior to logging
 blue tags.

FROM	TO	DESCRIPTION	SAMPLE NO.	FROM	TO	SAMPLE WIDTH	ASSAY VALUE		
							g/ton	PPM	g/cm
0-20		Sampling							
20 to		Tyroxenite: dark green - black 2 - m.g.	003*	20	30	10			
25.0		mod + talc / chl alt'd. nil - tr. sulph.							
27.0 to		Gabbro to mafic gabbro; fine brecciated gabbro	004	30	40	10			
75.4		to dark green; m.g. wxt chl, wxt talc, wxt ting	005	40	50	10			
		(alt'd) Trace 2 - m.g. 20, 20g.	006**	50	60	10	.010	.161	.171
		28.5 to 29.1; Flyx mod talc - chl alt'd	007	60	70	10	.002	.038	.040
		31.8 to 32.0; Flyx - chl; m - chl							
		23.0 to 33.5; Peg Sil; Gr. b'ld							
		33.5 to 35.8; Flyx - chl; w - mod talc / chl							
		47.2 to 47.5; Flyx Sil							

CONTRACTOR Palmer LOGGED BY: Todd Sanders

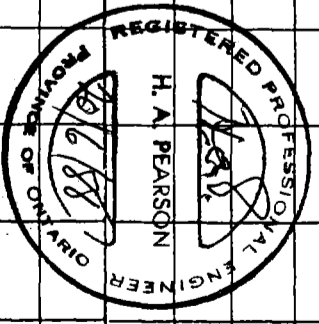
FROM	TO	DESCRIPTION	SAMPLE NO.	FROM	TO	SAMPLE WIDTH	ASSAY VALUE
		49.5 to 51.8 : chlt'd gr - M6h					
		50.0 to 50.8 : wk to cr-wk felsic dyke @ 550					
		51.8 to 61.3 : Pegmatitic Gabbro.					
		<1% - 1% l-m.e to blebbn po. cov					
		<1% - tr. magnetite.					
		60.3 to 61.1 : Peg M6h - chlt'd					
		Gabbro ~ 1% m.g mag + tr po, cov.					
		61.3 to 61.8 : ol. shrd @ 750, tr p.s magnetite					
		71.2 : 3 cm white fels. dyke @ 300					
75.4	to	Mafic Gabbro to dx - CDX, dark greenish to greenish	008	70	80		
97.0		- black, v. sl. bleached, m - fine grained. Mod+ chl, 1st wk talc altered, Tr - nil	009	80	90		
		Dulcides.	010	90	100		
		79.0 : chrt'd @ 200					
		79.0 to 80.6 : m to m-ccs gabbro					

FROM	TO	DESCRIPTION	SAMPLE NO.	FROM	TO	SAMPLE WIDTH	ASSAY VALUE
		81.0: mud sang to below 20, say; muniti					
		along run sand fracture @ 0-200					
		85.8 to 86.2: drill/pulver @ 45° wk-mud talcose					
		90.0 to 91.6: M.S. subhard					
		94.5 to 95.0: 2.5 cm saw @ ~ 100					
		95.5 to 96.2: 5cm - 2cm saw ~ 45°					
		1-2 cm in 20's. dices					
		muniti @ 300					
97.0 to		Pyroxenite to mafic gneiss; dark green	011*	110	120	10'	
124.0		to black sl. exposed E-m.s. mud + chl	012*	120	130	10'	
		mud = talc altered. trace p-m.s. 20, say = 20/					
		101.5 to 101.9: pinkish-white gals					
		pure @ 350					
		107.8 to 108.2: cherty gray qtz @					
		350					
		115.7 to 116.3: cleaved @ ~ 200					
		123.1 to 123.6: m-ccs to 200 pvc-cpx					
		< 1% p-m.s. 20, say					

FROM	TO	DESCRIPTION	SAMPLE NO.	FROM	TO	SAMPLE WIDTH	G.E.S. ASSAY VALUE		
							PT.	PD.	PSM
124.0	to	Gabbro; dark green; med to m-cr's, sl. oxid							
131.7		pl. bleached. wkt chl, wkt talc; tr p.s. sulf.							
131.7	to		013	120	130	10'	.009	.075	.084
131.7	to	Pyrroxenite - rims pyroxenite; dark green to green-black, f-m.s., med+ talc / chl alt'd.	014 ^{xx}	130	140	10'	.017	.072	.089
145.4		Tr isolated m.s. @ 132.0 and 133.6.	015 ^x	140	150	10			
			016	150	160	10			
145.4	to	Anorthositic Gabbro; light whitish-greenish	017	160	170	10			
166.5		m-cr's to cr's; faintly euhedral.							
		wkt chl, wkt slag alt'd. Tr - nil sulfides.							
		145.4 to 152.0: Fract'd - br'd; ~20% 1-2 cm white felsic dikes mm-wk @ 0-200'							
166.5	to	Pyrroxenite; dark green to green-black p-m.s							
181.9		mod+ talc - chl. alteration.	018	170	180	10'	.00	.037	.037
		182.4 to 182.7: white felsic dyke @ 400'							

W

FROM TO	DESCRIPTION	SAMPLE NO.	FROM	TO	SAMPLE WIDTH	ASSAY VALUE
208.7 to	Amorphous galena - galena to galenavrite;					
215.8	CTS - URS ga. ; Brink's calcification ; mod bleached, wkt chl, moss wkt calc alt. Er, isl. m.g. po, col @ 215.7'	022	210	220	10'	
215.8 to	Puroxentite to MgO-MgO: what green to					
236.0	blank. p. m.c. mod + wkt - chl. alt'd. Tr f.g. po + col.	023	220	230	10'	
		236	230	236	6'	
	216.5 to 217.2: wkt to brownish felsic dyke @ 200					
	218.1 to 218.4: diabase dyke @ 50+700 1cm wkt f.p. dyke @ 40.					
	221.3: 1cm carb - alc vein / pc infill @ 200					
	223.0 to 229.5: Sulfur to MgO: ; MgO-MgO-URS. wkt calc alt'd					
	232.8 to 233.2: Diabase					
236.0	E.O.H P. Sanders Ann. '87 hole abandoned, water loss, bit & screen & shell burnt in.					



FROM	TO	DESCRIPTION	SAMPLE NO.	FROM	TO	SAMPLE WIDTH	g/ton	ASSAY VALUE	PE	PD	PGM
401.5'	413.0'	GABBRO - GRAY GREEN - MED. GRAINED - SPARSE SULPHIDES	390	380	390	10'	.003	.065	.068		
413.0'	417.0'	SERPENTINIZED PYROXENITE - GREENISH - SPARSE SULPHIDES	400	390	400	10'	.003	.068	.071		
417.0'	462.0'	COARSE SERPENTINIZED PYROXENITE - GREENISH - SPARSE SULPHIDES	410	400	410	10'	.000	.039	.039		
462.0'	527.0'	GABBRO - DARK GRAY	420	410	420	10'	.003	.058	.061		
527.0'	529.0'	DIABASE DYKE - FINE GRAINED - BLACK	430	420	430	10'	.004	.051	.055		
529.0'	530.0'	GABBRO - DARK GRAY	440	430	440	10'	.008	.080	.088		
530.0'	531.5'	DIABASE DYKE - FINE GRAINED - BLACK					380' - 400'	.070			
531.5'	534.0'	SYENITE DYKE - WITH TOURMALINE NEEDLES									
534.0'	681.0'	GABBRO - DARK GRAY - MED. GRAINED - SPARSE SULPHIDES					380' - 440'	.064			
681.0'	687.0'	DIABASE DYKE - FINE GRAINED - BLACK									
687.0'	737.0'	GABBRO - DARK GRAY - MEDIUM GRAINED - UNIFORM SPARSE SULPHIDES									
737.0'	826.0'	TONALITE - DARK GRAY GREEN - MEDIUM GRAINED UNIFORM - SPARSE SULPHIDES									
826.0'		754.0' TO 757.0' GRANITIC INTRUSIVE									
826.0'		END OF HOLE.									



Diamond Drilling Log

PROPERTY Lac Des Iles COORDINATES L 51010, O+Z1 East of 'A' DRILL HOLE NO. 87-37
 COMMENCED Jan 23 '87 ELEVATION 10,000 DIPS Surface -45° SHEET NO. ONE of 10
 COMPLETED Jan 24 '87 BEARING N 071° E CORE SPLIT BEFORE LOGGING,
 LOCATION Roby Zone DEPTH 377 feet * = Good Stuff
 Black Tags

FROM	TO	DESCRIPTION	SAMPLE NO.	FROM	TO	SAMPLE WIDTH	FE	FD	FGM
0 to 16.5		CASING.							
16.5 to 51.9		Gabbroinite - angular to subangular, slightly streaked, mod-cr's to whitish greenish, slightly streaked, mod-cr's to mod squaroid; fairly pervasively weak chl, clay and weak talk altered. <18+ fine to patchy pp, cpy.	003	16.5	30	13.5			
			004	30	40	10'			
			005	40	50	10'	.003	.071	.074
			006	50	60	10'	.004	.071	.075
							40'-60'	.075	20'
		22.5 to 23.0: utr-bvrl m-cr's to fcs gb-imb6b							
		23.5 to 23.9: 2s.-fcs MGB-CRX							
		32.5 to 33.0: ~ 50% chert - natcn; pp+cpy							
		35.9 to 34.1: P/x-MGB, q to mod-cr's, mod talk/chl. ~ 20, 2+ pp+cpy							

CONTRACTOR Colbert Drilling

LOGGED BY: Todd Sanders

FROM	TO	DESCRIPTION	SAMPLE NO.	FROM	TO	SAMPLE WIDTH	ASSAY VALUE
		35.5 to 36.0 fractured @ 30° and 55°					
		36.2 to 38.0; Pyx - M6b (Gbnor) m.s.					
		mod talc / chl alt.					
		38.0 to 38.2; Pyx in Gbnor; mod. Biotopy					
		Py, cov					
		39.2: fractured @ 0-10°					
		39.3 to 39.4; core partially ground; blocky - fractured					
		gne.					
		47.3: 2cm dark gray P.g. (chloritic)					
		mafic dyke.					
		51.1 to 51.7: Mafic G5 - Gbnor; med t-m-crst					
		mod chl, wk ⁺ talc, 1/2 m.s. PO CRIL					
		54.9 to 55.7: Bxa - fracture zone					
		50% lem to 6cm white					
		felsic dykes.					

FROM	TO	DESCRIPTION	SAMPLE NO.	FROM	TO	SAMPLE WIDTH	ASSAY VALUE		
							PE	PL	PGM
		56.0 to 57.9: Gabbro suite - Mehdor							
		med to m-ess; wk tale;							
		<1% ⁺ f-m.s. 20, 22							
		57.0: 2-3cm white fels. duple							
		@ 20°							
57.9	to	Mafic Gabbro suite to pyroxenite; dark green to	007*	60	70	10	.003	.054	.057
67.0		greenish-black to brownish green. Medium to fine							
		grained; wk chl, wk-mod tale alteration.							
		v. m.g. p + cdy.							
		58.0 to 59.0: 30%, 1-5 cm white							
		felsic dikes @ 30°							
		58.4 to 58.9: Peg Mehdor - Pvx							
		wk-mod tale alt.							
		59.4 to 60.4: fracture zone; moderate							
		fracturing at 10 to 35°							
		62.0: fractured @ 15 to 35°.							

FROM	TO	DESCRIPTION	SAMPLE NO.	FROM	TO	SAMPLE WIDTH	2/10/71 ASSAY VALUE		
							PE	PD	PGM
69	to	Mudic Dinite; dark brownish-green, m.s. calc. in mudstone							
73.6		Wk chl / white alt. to P.s. con ± po. Upper contact questionable, at ~ 150							
72.5	to 73.6	Mudic Dinite - Mendoc to							
		Dix. - wk - mod mic / chl alt'd							
008			008 ^x	70	80	10	.003	.046	.049
73.6	to	Gabbro - mudic gabbro; dark grey-green, fine							
77.3		to m.s. - wk - wk chl alt.; dr. P.s. po, con							
74.1	to 74.2	Pec. M.G. - PYX; wk - mod					110'	140'	.022
		D.S. DO ± con					40'	170'	.063
									.130
74.3	to	Pyroxenite; chunky green to grey-volcanic, sl. mod	009 ^x	80	90	10	.003	.058	.053
160	8	islanded 2 - m.s. mod - strong calc. alt'd	010 ^x	90	100	10	.002	.048	.022
		to L.C. DO con.	011 ^x	100	110	10	.002	.048	.042
			012 ^x	110	120	10	.004	.085	.089
		81.8 to 82.5: gran. gran. 2: mudic	013 ^x	120	130	10	.005	.076	.081
		(chlorite) dr. ke @ ~ 450	014 ^x	130	140	10	.009	.103	.112
			015 ^x	140	150	10	.003	.046	.049
		82.8 to 83.4; Mudic Dinite to PYX; wk + calc alt'd	016 ^x	150	160	10	.003	.059	.062

FROM	TO	DESCRIPTION	SAMPLE NO.	FROM	TO	SAMPLE WIDTH	ASSAY VALUE	
		91.7 to 92.3; Melic Norite						
		97.7 to 99.0; Pyx to MgG - MnDor						
		99.0 to 101.0; Gh - An Gb						
		103.3 to 105.9; f-m.s gabmo (chuke) to MgG.						
		118.9 to 119.5; Med-ecs to ers Gabmo						
		121.8; fractured @ 300						
		124.1 to 124.8; Crs Gb - An Gb.						
		124.3 to 124.5. Anorthosite						
		125.5; fractured/fractured @ 10-200						
		130.4 to 132.3; Pcs Gb						
		132.3 to 139.0; Gabmo - Gabmo norite MgG - MnDor; Med to m-ecs isl. mod. tale alt.						
		138.0; fault/fracture @ 200 1-18 f-m.s py, s py						

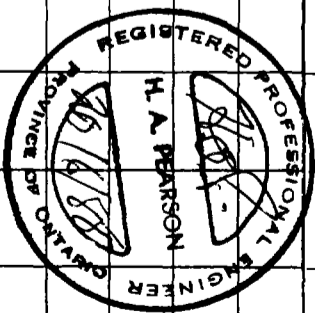
FROM	TO	DESCRIPTION	SAMPLE NO.	FROM	TO	SAMPLE WIDTH	% Fe	ASSAY VALUE Pd	ASSAY VALUE HgM
		141.7 to 142.7. grayish-green s.s. mic. d. u. @ 35-400							
		150 to 158.0 < 1% ⁺ 0.9 pg, clay							
160.8 to		Gabbro - Mch; medium to massive green with white to pink	017	160	170	10'	.008	.040	.040
257.0		feldspar; med - ccs, faintly argillaceous. wk - mod chl, wk plus alteration. Trace to nil Pg, sulfides	018	170	180	10'			
			019	180	190	10'			
			020	190	200	10'			
			021	200	210	10'			
			022	210	220	10'			
		205.0 3m white gl. @ ~ 200	023	220	230	10'			
		218.0 2cm white f. s. dyke @ 200	024	230	240	10'			
		226.6 1cm wk basic dyke @ 400	025	240	250	10'			
		247.0 5cm wk gl. @ 200	026	250	260	10'			

FROM	TO	DESCRIPTION	SAMPLE NO.	FROM	TO	SAMPLE WIDTH	% FeO ASSAY VALUE		
							Pt	Pd	Rem
257.0	to	Mafic Gabbro to pyroxenite; dark green, m.g.; mod chl; isl wk - mod talc alteration. Trace isolated	027	260	270	10			.086
269.8		f - mg py, ± chl, po.							
		262.0 to 262.4; pyroxenite, mod ⁺ talc/chl							
		264.0; km white felsic dyke @ 0-100							
		264.6 to 265.7; Diabase dyke @ ~100							
		268.3 to 268.4; crs - pec Mch; mod m.g.							
		py ± chl, po							
269.8		Pyroxenite; dark green to green-black to bleached, f - m.g.; wk to strong shearing; mainly H ₂ O; Mod ⁺ talc/chl alteration. Isolated	028*	270	280				.114
305.3		f - m.g.; wk to strong shearing; mainly H ₂ O; Mod ⁺ talc/chl alteration. Isolated	029*	280	290				.116
		f - m.g.; wk to strong shearing; mainly H ₂ O; Mod ⁺ talc/chl alteration. Isolated	030*	290	300				.110
		f - m.g.; wk to strong shearing; mainly H ₂ O; Mod ⁺ talc/chl alteration. Isolated	031*	300	310				.055
		272.5 to 273.3; Sheared @ H ₂ O							
		276.7; 1cm qv @ 150							
		278.6; Rem qv - felsic dyke @ H ₂ O							

FROM	TO	DESCRIPTION	SAMPLE NO.	FROM	TO	SAMPLE WIDTH	8/10M ASSAY VALUE
315.0	to	Clinopyroxenite - pyroxenite, dark green, mod - m.c.s.	032	310	320	10	.023
329.7		Strongly chloritic, blk tale altered, Trace P.g. pyrite	033	320	330	10	.053
		315.0 to 324.5 Mod to strongly altered @ 40-50°					
329.7		Eastern Gabbro Contact @ 50°					
329.7		Eastern Gabbro & Gabbro - An Gabbro					
to 377.0		mod to med-crs, quartziferous in weak lamination @ 45°; Trace P.g. pyrite.					
		350.9 to 351.3; Bx - cpx (dyke?)	3514	350.4	351.4	1'	
		med-crs, dark green					
		strong tale/chl alt'd					
		n-nil P.g. ps.					
		contacts @ ~ 30° X/C?					
377.0		End of Hole					

Hedd Sanders

March '87



DIAMOND DRILL RECORD

NAME OF PROPERTY PROJELINE MINES LTD
 HOLE NO. 87-38 LENGTH 7870'
 LOCATION 507 DEPARTURE 700' W OF A
 LATITUDE _____ AZIMUTH 251° DIP -45°
 ELEVATION _____
 STARTED JAN 26 1987 FINISHED JAN 31 1987

FOOTAGE	DIP	AZIMUTH	FOOTAGE	DIP	AZIMUTH

HOLE NO. 87-38 SHEET NO. 1
 REMARKS _____
 LOGGED BY E. VUKOVICH

FOOTAGE FROM	TO	DESCRIPTION	SAMPLE				ASSAYS									
			NO.	% SULPHIDES	FOOTAGE FROM	FOOTAGE TO	TOTAL	%	%	OZ./TON	OZ./TON	REM.				
0	4.0'	CASINGS														
4.0	47.0'	GABBRO - DARK GREEN - MED. GRAINED - UNIFORM														
47.0'	57.0'	ANORTHOSITIC GABBRO - GRAY GREEN COARSE GRAINED														
57.0'	85.0'	GABBRO - DARK GREEN - MEDIUM GRAINED - UNIFORM SPARSE SULPHIDES 6" DIABASE DYKE @ 69.0'	060		50	60	10									
			070		60	70	10									
			080		70	80	10									
			090		80	90	10									
85.0'	107.0'	PYROXENITE - DARK GREEN - MED. GRAINED	100		90	100	10									
			110		100	110	10									
107.0'	126.0'	MELA GABBRO - DARK GREEN TO BLACK - COARSE GRAINED	120		110	120	10									
126.0'	139.0'	PYROXENITE - DARK GREEN - MEDIUM GRAINED - SPARSE SULPHIDES	130		120	130	10									
			140		130	140	10									
139.0'	187.0'	GABBRO - GRAY GREEN - MEDIUM GRAINED	150		140	150	10									
187.0'	232.0'	PYROXENITE - DARK GREEN - MEDIUM GRAINED - SPARSE SULPHIDES	160		150	160	10									
232.0'	267.0'	GABBRO → PYROXENITE - GRAY TO GREEN - COARSE GRAINED - SPARSE SULPHIDES														
267.0'	307.0'	PYROXENITE - DARK GREEN - MED. GRAINED - UNIFORM														

FROM	TO	DESCRIPTION	SAMPLE NO.	FROM	TO	SAMPLE WIDTH	ASSAY VALUE	
3070'	3090'	DIABASE DYKE - FINE GRAINED - BLACK						
3090'	3270'	PYROXENITE - DARK GREEN - MED. GRAINED - UNIFORM						
3270'	5470'	PYROXENITE → GABBRO - DARK GRAY TO GREEN - MEDIUM GRAINED - UNIFORM						
		3340' to 3360' CALCITE VEIN						
		3" BRUCIATED PLAG. FELDSPAR VEIN @ 3670'						
		5" CALCITE VEIN @ 4040'						
		3" CALCITE - PLAG. VEIN @ 4500'						
		4600' - 4620' - CALCITE - FELDSPAR VEIN						
		3" DIABASE DYKE @ 4760'						
5470'	5540'	CHLORITIC PYROXENITE - DARK GREEN - FINE GRAINED						
5540'	6170'	GABBRO NORITE - BROWNISH - MED. GRAINED - UNIFORM - SPARSE SULPHIDES						
6170'	6500'	HIGHLY CHLORITIZED PYROXENITE - DARK GREEN TO BLACK FINE GRAINED - UNIFORM - (POSSIBLE DYKE)						
6500'	6920'	GABBRO NORITE - BROWNISH - MED. GRAINED - UNIFORM SPARSE SULPHIDES						
6920'	7340'	DIABASE DYKE - FINE GRAINED - BLACK						
7340'	7535'	GABBRO - GRAY GREEN - MEDIUM GRAINED - UNIFORM						
7535'	7620'	DIABASE DYKE - FINE GRAINED - BLACK						
7620'	7870'	GABBRO - GRAY GREEN - MEDIUM GRAINED - UNIFORM						
7870'		END OF HOLE						



FROM	TO	DESCRIPTION	SAMPLE NO.	FROM	TO	SAMPLE WIDTH	% Iron	ASSAY VALUE	PE	P. P. P. P.
1570'	1830'	COARSE TO PEGMATITIC GABBRRO - GRAY GREEN - 0.25%								
		SULPHIDES - CHALCO. & PENTLANDITE	170	160	170	10'		.004	.077	.081
1830'	1870'	DIBASE DYKE - FINE GRAINED - BLACK	180	170	180	10'		.006	.061	.067
1870'	1930'	COARSE TO PEGMATITIC GABBRRO - 0.25% CHALCO. & PENTLANDITE	190	180	190	10'		.003	.056	.059
1930'	1970'	SERPENTINIZED GABBRRO - DULL LUSTER - FINE GRAINED GREENISH						160-190		.069
1970'	2030'	DIBASE DYKE - FINE GRAINED - BLACK								
2030'	2100'	COARSE GABBRRO - GRAY GREEN -	260	250	260	10'		.002	.045	.047
2100'	2150'	DIBASE DYKE - FINE GRAINED - BLACK	270	260	270	10'		.006	.127	.133
2150'	2185'	GABBRRO - GRAY GREEN - MED. GRAINED - UNIFORM	280	270	280	10'		.003	.039	.042
2185'	2275'	DIBASE DYKE - FINE GRAINED - BLACK	290	280	290	10'		.002	.036	.038
2275'	2480'	GABBRRO - GRAY GREEN - MED. TO COARSE GRAINED.	300	290	300	10'		.003	.038	.041
2480'	2520'	GABBRRO - PYROXENITE - DARK GREEN - FINE TO MED. GRAINED	310	300	310	10'		.002	.024	.026
2520'	2870'	COARSE TO PEGMATITIC GABBRRO - GRAY GREEN - SPARSE SULPHIDES	320	310	320	10'		.002	.032	.034
2870'	4820'	GABBRRO - GRAY GREEN - MED. GRAINED - UNIFORM						260	270	.133
		SPARSE SULPHIDES								10'
		3680' - 3790' ANDRTHOSITIC GABBRRO						250-320		.052
4820'	4850'	DIBASE DYKE - FINE GRAINED - BLACK								
4850'	5265'	COARSE GABBRRO - GRAY GREEN - SPARSE SULPHIDES	380	370	380	10'		.008	.050	.058
		CHALCO. & PYRRO.	390	380	390	10'		.004	.054	.058
		FAULT @ 5265' 1/4" MUD STAIN	400	390	400	10'		.014	.126	.140
			410	400	410	10'		.008	.076	.084

FROM	TO	DESCRIPTION	SAMPLE NO.	FROM	TO	SAMPLE WIDTH	GRAV ASSAY VALUE		
							FE	FD	FSM
526.5'	708.5'	GABBR0 - GRAY GREEN - MED. TO COARSE GRAINED - SPARSE SULPHIDES					370'	410'	.085
		8" DIABASE DYKE @ 545.0'	480	470	480	10'	.003	.041	.044
		591.0' TO 596.0' PYROXENITIC SECTION	490	480	490	10'	.003	.040	.043
		617.0' TO 619.0' PEGMATITIC GABBR0	500	490	500	10'	.003	.039	.042
708.5'	727.0'	DIABASE DYKE - FINE GRAINED - BLACK	510	500	510	10'	.003	.049	.052
727.0'	737.0'	TORNALITE - DARK GREEN - FINE QUARTZ - MED. GRAINED	520	510	520	10'	.003	.060	.063
			530	520	530	10'	.003	.042	.045
			540	530	540	10'	.008	.076	.084
		ENDS OF HOLE	550	540	550	10'	.011	.057	.068
			560	550	560	10'	.048	.177	.225
							530'	560'	.225
							510'	560'	.087
							470'	560'	.074



Diamond Drilling Log

Red Tag

PROPERTY Mac Des Isles COORDINATES Section 510, 4405 W of W1 DRILL HOLE NO. 87-40
 COMMENCED Feb 2 1987 ELEVATION ~ 9995 DIPS. Collar - 55° SHEET NO. one of 14
 COMPLETED Feb 5 1987 BEARING N 071° E equal east NO TEST? NO core split prior to logging
 LOCATION Roby Footwall Zone DEPTH 507 feet No geologist on site during drilling

FROM	TO	DESCRIPTION	SAMPLE NO.	FROM	TO	SAMPLE WIDTH	G/100 ASSAY VALUE		
							PE	PD	PGM
0	3	CASING							
3	4	Anaerobic sand - greenish - purple - granular	001	3	10	7	.004	.076	.080
42.5	43	bl. bleached, CRS - UCRS. wk on and slng. direction	002	10	20	10		.044	
		Fr - nil, sig. du 1/2 - 20 cm	003	20	30	10		.024	
		3.0 to 5.0: Peg Gb, 7-8% fr. sig. ± cov	004	30	40	10		.015	
		11.4 to 11.9: Gie - 16% G							
		33.6 to 34.8: Gobs, mg							
42.5	43	fluid Gobs - Gobs, dark green, medium	005	40	50	10		.011	
53.0	54	quined mod - wk ch, nil-wk tale alt. 9 mil sulfides							
		50 to 51.4: CRS - seg Gobs							
		51.4 to 53.0: Sl. opened to 300							

CONTRACTOR Colbert Drilling

LOGGED BY: Todd Sanders

FROM	TO	DESCRIPTION	SAMPLE NO.	FROM	TO	SAMPLE WIDTH	ASSAY VALUE	
		128.1 to 128.4; Peg 6b. wk-mod p. m.s. any.						
		130.3 to 130.7; Peg 6b, mod-wk m.s. - blebby po - clay						
		133.1 to 133.2; Peg 6b, mod m.s. po, clay						
		135.3 to 135.5; Peg 6b, mod m.s. po, clay						
		137.5 to 138.3; ccs - Peg 6b - M6b. ~ 1% + m.s. po, clay, py						
		139.0 to 139.4; Peg 6b						
		140.0 to 141.0; ccs - Peg 6b wk m.s. po clay						
		142.0; 1cm every 9/10 @ 300						
		142.7 to 142.8; Peg 6b, wk m.s. po						
		143.8; 1cm every 9/10 @ 300						
		144.0 to 144.5; ccs ~ 3-5% < 5mm felsic stringers						
		144.6 to 144.7; Peg 6b mod m.s. po - clay						
		146.6 to 146.7; Peg 6b mod-wk m.s. po - clay						
		148.0 to 149.0; ~ 3% fine felsic stringers @ ~ 0.10"						
		153.0 to 153.2; Peg 6b. mod m.s. po - clay, clay						
		153.8 to 154.0; Peg 6b.						
		154.6 to 154.8; ccs - Peg 6b.						

FROM	TO	DESCRIPTION	SAMPLE NO.	FROM	TO	SAMPLE WIDTH	ASSAY VALUE		
							Pt	Pd	Pgm
		206.0 to 209; v.crs - crs Gb - An Gb							
		206.0 to 206.5; 1-2% m.s py - cpy							
		209.0 to 211.0; Anorthosite - An Gb, v.crs - peg tr. f.s py.							
		211.0 to 212.2; crs Gb - An Gb							
		212.2 to 213.0; mafic gabbro, m.g.							
		213.0 to 213.6; Anorthosite							
		213.6 to 218.5; med grained gabbro.							
220.0	to	Anorthositic Gabbro; light purplish-white granitic, sl. blacked	023	220	230	10			.024
237.7		med. crs to v.crs; wk chl, plug alteration. trace included f.s py ± cpy.	024	230	240	10			.023
		220.8 to 221.2; Peg Gb; wk-mod m.s py ± cpy							
		222.1 to 222.3; Peg An Gb - Gb							
		222.6 to 222.8; composite white felsic dyke white qtz @ 30° wk-mod							
		f.s cpy, py along contacts.							
		222.8 to 224.3; Peg Gb; E - 1/2 f.g py, cpy							

FROM	TO	DESCRIPTION	SAMPLE NO.	FROM	TO	SAMPLE WIDTH	ASSAY VALUE		
							Flow	PC	PGM
		227 to 230; ccs - very Gabbro - An Gr							
		229.1 to 229.2; Peg Gr - M6b							
		229.2 to 229.6; M6b - ccs							
		230 - 231; ccs An Gr - AN							
		231 - 232.5; Peg Gr							
		235.0 to 236.1; Shd @ 10-230							
		236.1 to 239.1; Ironstone - An Gr							
239.1 to		Disperse dyke; dark gray-black sf. granular							
244.5		upper @ 55° contact faulted @ 10°							
244.5 to		An Gabbro - Gabbro; light greenish-white - greenish	025	240	250	10'			.013
246.3		dark bluish-green; med-fcs to sud; blk chl + plg structure	026	250	260	10'			.029
		tr. P's 246.3 to 250	027	260	270	10'			.031
		244.5 to 246.0 ccs - Dog in - An Gr; wt m.s	028	270	280	10'			.025
		246.0 to 247. m.s Gabbro - med Gabbro							

FROM	TO	DESCRIPTION	SAMPLE NO.	FROM	TO	SAMPLE WIDTH	PT	RD	ASSAY VALUE
		247.0 - 247.7; v.crs Gb - AnGb							
		247.7 - 250.0; med-crs ANGb - AN.							
		250 - 252.0; v.crs Gb - AnGb							
276.3	to	Gabhd; medium pyrim. of. blackd, med-crs to	024	280	290	10'			.026
318.0		crs, wk-med chl. wk shog. Included tr - < 1% mrg	030	290	300	10'			.023
		po, py.	031	300	310	10'			.039
			032	310	320	10'			.026
		276.5 to 277: crs - peg gabhd							
		278.1 to 278.9; crs - peg gabhd							
		282.0 to 285.0; crs - v.crs Gb - AnGb							
		286.5 to 288.0; crs - v.crs Gb - AnGb							
		290.2 to 290.6; 1-2% f. mrg. sp, po = py.							
		291.0 to 294.0; crs - v.crs Gb - AnGb.							
		294.0 to 294.4; Amthorite - Am Gb, 1-2% f.g							
		pyrite							
		302 - 318; crs - v.crs Gb - An Gb.							
		308 to 309; 1-2% m'g. po, sp + py							

FROM	TO	DESCRIPTION	SAMPLE NO.	FROM	TO	SAMPLE WIDTH	RAW ASSAY VALUE	Pt	Pd	AgM
318.0	to	Amphibolite Gabbro, light greenish to smoky-white;	033	320	330	10'				.020
327.7		m-crs ground, slightly bleached, wk chl alt'd. nil - tr. sulfides								
327.7	to	Gabbro + med - dark green, al - med bleached, med - crs abundant,	034	330	340	10'				.036
367.0		wk - mod chl. alt. blue - < 1% m.s. to patchy py. cpy + py	035	340	350	10'	.007			.062 .069
			036	350	360	10'	.004			.049 .053
		329.0 to 329.5; Amphibolite, wk m.s. cpy + py.	037	360	370	10'	.002			.060 .062
		330.7 to 331.2; crs - py Gabbro; 1-2% m.s. py								
		py + cpy.								
		331.2 to 331.6; Py Gabbro.								
		334.5 to 335.9; MgS - cpx; m.s. v. white								
		tr. p.s. cpy								
		336.0 to 337.1; An Gb - AN								
		337.1 to 338.3; MgS - cpx to MgS - pyx								
		wk - mod chl alt.								
		338.3 to 339.7; AN - An Gb, tr. p.s. py								
		342.0 to 345.0; Crs - v. Crs An Gb								
		tr. m.s. Fe, cpy.								

340' - 507' .061
167'

FROM	TO	DESCRIPTION	SAMPLE NO.	FROM	TO	SAMPLE WIDTH	ASSAY VALUE
		345 to 350.0 : CRS - UCRS Galhno - An Gb					
		sl. vacuolated - hard with					
		isolated 2-3 cm Anorthositic					
		zones; 2 1/2 m.g. po, cpy					
		mainly in AU sections.					
		354.0 to 358 : CRS - UCRS Gb - An Gb on share					
		356.1 to 356.4 ; AN - AN Gb					
		358.7 to 358.8; Peg Gb mod m.g. cpy, po					
		358.8 to 359.5; Clinopyroxenite					
		359.7 to 361.0; CRS An Gb - Gb.					
		361.3 to 362.0; CRS - Peg Gb ; 1 1/2 m.g. cpy					
		po					
		361.5 1cm white qtz @ 300					
		363.2 to 364.0; Peg An Gb; ~2%+ m.g. - labely					
		po, cpy					
		366.5 to 366.8; Peg Galhno					

FROM	TO	DESCRIPTION	SAMPLE NO.	FROM	TO	SAMPLE WIDTH	ASSAY VALUE		
							PT	PP	PPM
367.0	to	Gabbro matrix - matrix; brownish green; CRS -	037*	360	370	10'	.002	.060	
370.1		pegmatitic; wk chl, wk-mil tale alt. < 1/2 to 1/2 m.s. po, cpy.							
370.1	to	Gabbro - Matrix Gabbro; dark green to white weathered	038	370	380	10'	.004	.076	.080
411.0		green; m.s. to med-crs; mod chl wk ⁺ tale alt.	039	380	390	10'	.002	.023	.025
		to 2 1/2 ft. p-m.s. to patchy po, cpy, ± py mainly in crs - peg sections.	040	390	400	10'	.002	.042	.044
			041	400	410	10'	.004	.068	.072
		370.1 to 371.1: 1-2% m.s. po, cpy							
		371.1 to 371.7: Peg Gb - Am Gb ~ 5%							
		m.s. - patchy po ± cpy.							
		380.0 to 380.5: Diabase dyke							
		387.3 to 387.9; Peg Gb - Am Gb.							
		385.8: low peg Gb; wk-mod po, cpy							

FROM	TO	DESCRIPTION	SAMPLE NO.	FROM	TO	SAMPLE WIDTH	ASSAY VALUE		
							g/ton Fe	Pd	PgM
411.0	417.0	Gabhrad; med green, sl. to med bleached, mainly med	041	400	416	10'	.004	.068	.072
467.0		to med-crs; med. - wk chl; 1st wk - wk tail alt	042	410	420	10	.004	.051	.055
		Tr + m.s. to f.s. pg, cpy	043	420	430	10	.004	.064	.068
			044	430	440	10	.003	.062	.065
		411.0 to 412; Gb-MGb, elem of stringer	045	440	450	10	.004	.058	.062
		⊙ 0-150	046	450	460	10	.004	.045	.049
		413.7 to 414; crs - pg, Gb; wk - mod m.s.	047	460	470	10	.007	.074	.081
		pg + cpy							
		417.0 to 417.7; Reg - crs Gb - An Gb; mod-heavy							
		fr. pg, con mainly on lite							
		fracture surfaces.							
		418.2 to 419.2; crs - pg, Gabhrad, wk f-m.s. cpy							
		420.0 to 429.5; <1% - fr. p-m.s. cpy, pg, pg							
		along late fractures ⊙ 10-200							
		428.5 to 429.0; med. gr. mufic gabhrad							
		429.0 to 430.2; crs - pg, Gb - An Gb;							
		2-3% p-m.s. pg, cpy; wk hematization							

FROM	TO	DESCRIPTION	SAMPLE NO.	FROM	TO	SAMPLE WIDTH	ASSAY VALUE
		467.2 to 467.4 : Anthracite zone / Payment.					
		470.0 to 470.7 : Gh-MGb ; mg - m-clfs.					
		481.7 to 482.8 : ccs - Peg. Gb - Angb.					
		a. f.s. pyrite.					
		482.2 to 482.3 : ccs - peg. An Gh - Gh					
		482.3 to 482.6 : ccs - peg. Gh - Angb ; wk mg cpy					
		482.6 to 490.0 : Gabbro - Melic Gabbro ; med - ccs.					
		485.8 : low white P. porph dyke @ 30°					
		489.4 to 489.7 : Peg Gabbro - Angb ;					
		1-2" fine network ccs ± po					
		490.0 to 493.5 : Cox - Pyx to MGb ; m. ccs					
		v. chl. poss. wk tale ;					
		495.8 to 496.3 : Diabase -					
		SOFL					
		END of Hole					
		Good					
		March 87					



DIAMOND DRILL RECORD

NAME OF PROPERTY MADDELISINE MINES LTD.
 HOLE NO. 87-41 LENGTH 627.0'
 LOCATION _____
 LATITUDE S15 DEPARTURE 1+20 E OF A
 ELEVATION _____ AZIMUTH 251° DIP -45°
 STARTED FEB. 28 1987 FINISHED MAR. 4 1987

FOOTAGE	DIP	AZIMUTH	FOOTAGE	DIP	AZIMUTH

HOLE NO. 87-41 SHEET NO. 1
 REMARKS _____
 LOGGED BY E. VUKOVICH

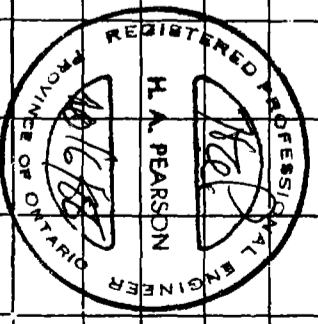
FOOTAGE FROM	TO	DESCRIPTION	SAMPLE				ASSAYS							
			NO. OF SPLITS	% PH	FOOTAGE FROM	FOOTAGE TO	TOTAL	%	%	oz/TON	oz/TON	Pgm		
0'	8.0'	CASING												
8.0'	36.0'	GABBRO - GRAY GREEN - MED. GRAINED - UNIFORM - SPARSE SULPHIDES	020		10	20	30	10						
36.0'	49.0'	COARSE GABBRO - ANORTHOSITIC - GRAY - SPARSE CHALCO. & PENTLANDITE												
49.0'	65.0'	GABBRO - GRAY GREEN - MED. GRAINED - UNIFORM - SPARSE SULPHIDES												
65.0'	75.0'	CHLORITIZED GABBRO - DARK GREEN - SPARSE SULPHIDES												
75.0'	77.5'	PEGMATITIC GABBRO - DARK GREEN - SPARSE SULPHIDES												
77.5'	427.0'	GABBRO - GREENISH - MED. GRAINED - SPARSE SULPHIDES 137.0' to 140.0' PYROXENITIC - DARK GREEN 158.0' to 160.0' 0.50% CHALCO & PENTLANDITE 180.0' to 185.0' PEGMATITIC - 0.25% PENTLANDITE 215.0' to 217.0' HIGHLY CHLORITIZED - SOME EPIDOTE ALTERATION												

FROM	TO	DESCRIPTION	SAMPLE NO.	FROM	TO	SAMPLE WIDTH	ASSAY VALUE
		234.0' - 240.0' - ANORTHOSITIC GABBRO					
		4" PEGMATITIC GABBRO @ 405.0'					
427.0'	432.0'	GABBRO NORITE - BROWNISH - MED. GRAINED - UNIFORM					
432.0'	620.0'	GABBRO - GRAY GREEN - MED. GRAINED - SPARSE SULPHIDES					
		452.0' TO 453.0' PEGMATITIC GABBRO					
		2" - POTASSIUM FELDSPAR @ 510.0' & 512.0'					
		575.5' TO 577.5' GRANITIC INTRUSIVE					
		595.0' TO 596.0' PYROXENITIC GABBRO					
620.0'	627.0'	SAUSSURITE GABBRO - WAXY - LOOKING FELDSPAR - MEDIUM GRAINED					
627.0'		END OF HOLE					



FROM	TO	DESCRIPTION	SAMPLE NO.	FROM	TO	SAMPLE WIDTH	ASSAY VALUE
283.5	409.0	PYROXENITE - DARK GREEN - FINE TO MED. GRAINED SPARSE SULPHIDES					
		353.0' - 355.5' PEGMATITIC & ANORTHOITIC					
		377.0' - 379.0' "					
409.0	499.0	GABBRO - GRAY GREEN - MED. TO COARSE GRAINED SPARSE SULPHIDES					
429.0	499.0	PYROXENITE - DARK GREEN - MED. GRAINED - SPARSE MINERALIZATION					
449.0	509.0	GABBRO - GRAY GREEN - MEDIUM GRAINED - UNIFORM SPARSE SULPHIDES					
509.0	557.0	PYROXENITE - DARK GREEN - MEDIUM GRAINED - UNIFORM 535.0' - 543.0' GABBROIC - SPARSE SULPHIDES					
557.0	560.0	GABBRO - DARK GRAY - MEDIUM GRAINED					
560.0	561.0	PEGMATITIC GABBRO -					
561.0	605.0	GABBRO - GRAY GREEN - MEDIUM GRAINED - UNIFORM SPARSE SULPHIDES					
		569.0' TO 570.5' PEGMATITIC GABBRO					
		595.0' TO 600.0' "					
605.0	617.0	PYROXENITE - DARK GREEN - MED. GRAINED - UNIFORM SPARSE SULPHIDES					
617.0	726.0	GABBRO - GRAY GREEN - MED. GRAINED - UNIFORM 670.5' TO 674.5' PYROXENITIC - DARK GREEN					

FROM	TO	DESCRIPTION	SAMPLE NO.	FROM	TO	SAMPLE WIDTH	% FROM ASSAY VALUE	FCM
		322.0' - 327.0' - GABBRRO					90' - 150'	.176 60'
342.0'	367.5'	GABBRRO - GRAY - MEDIUM GRAINED + EQUIGRANULAR SPARSE SULPHIDES					10' - 240'	.127 230'
367.5'	374.0'	TONALITE - DARK GREEN - MED GRAINED - FREE QUARTZ 0.20% CHALCO. & PENTLANDITE						
374.0'	400.0'	COARSE TONALITE - DARK GREEN GRAY - BRUECCITATED IN PLACES						
		0.20% CHALCO. & PENTLANDITE						
400.0'	448.5'	GABBRRO - COARSE GRAINED - GRAY - ANORTHOSITIC 8" OF ANORTHOSITE @ 412.0'						
448.5'	469.0'	TONALITE - DARK GREEN - MEDIUM GRAINED - FREE QUARTZ - 0.20% CHALCO. & PENTLANDITE						
		456.0' TO 457.5' GABBRROIC						
		463.0' TO 464.5' "						
469.0'	487.0'	GABBRRO - GRAY - COARSE GRAINED						
487.0'	523.0'	TONALITE - DARK GRAY GREEN - MEDIUM GRAINED - FREE QUARTZ - 0.20% CHALCO. & PENTLANDITE (CONTINUED)						
		490.0' TO 500.0' COARSE GRAINED - MICRO BRECCIA						
523.0'		END OF HOLE						



Diamond Drilling Log

Brown Tags

1-16-34

PROPERTY Case Des Files COORDINATES Section 510 ST 50 W of Bl. A' DRILL HOLE NO. 86-44
 COMMENCED Mar 6 1987 ELEVATION 2995 DIPS Surface -45° SHEET NO. one of 10
 COMPLETED Mar 9 1987 BEARING 251° S71°W DEPTH 604' -45°
 LOCATION F-Zone (west sulfide zone)

FROM	TO	DESCRIPTION	SAMPLE NO.	FROM	TO	SAMPLE WIDTH	ASSAY VALUE
0	18	Casing					
18	to	Banded Mafic Dyke - Diabase is grey-black p.g. granular					
42.0		weak to mod. banding @ 50-55° <u>Runner</u> contact gradual at ~ 30°					
		40 to 42, hybrid mafic dyke - gabbro					
42.0	to	Gabbro - dark gabbro (mod. to med. cr. grains)					
52.0		weak-mod. calc and plag alteration - nit. to sulfides.					
		42 - 46: narrow gabbro; marked banding @ 45°					
		46.7 to 47: An gabbro, mod. plag alt'd					
		49.9: 2cm white calc. dike @ 35°					
		50 - 52.0: bxd interbedded gabbro / mafic intrusive.					

CONTRACTOR Colbert Drillings

LOGGED BY: T. Sanders

FROM	TO	DESCRIPTION	SAMPLE NO.	FROM	TO	SAMPLE WIDTH	ASSAY VALUE	
52	to	Mafic Dyke; see above contacts at						
59.0		~ 25-30°						
59.0	to	Vertical and Gabro - An Gabro, whitish green, f-med						
71.5		to ccs-peg; wk-med chl; wk plaq altered. <1-T						
		m.s. to blubny py, cpy = pf.						
		59.0 to 60.5: mafic gabro (chl. contact?)						
		mod. chl, m.g. <1% f-m.s. po.py.						
		60.5 to 70.7: Vers-peg An Gab., <1-T.						
		m.s. po.py - cpy; upper d sharp						
		⊙ 45°						
		70.7 to 71.5: m.f. gabro / chl contact zone						
		m.g.						
71.5	to	Diabase Dyke; dark black, aph., very siliceous						
86.4		sl. vesicular; med fine fractured with <1% - m.g.						
		fracture filling pyrite, lower contact sharp at						
		60°.						

FROM	TO	DESCRIPTION	SAMPLE NO.	FROM	TO	SAMPLE WIDTH	ASSAY VALUE
		75.5 to 76.0; cpx - mfc gabbrø (dyke)					
		wd @ 70°					
86.4	to	Intermixed mafic Dyke - gabbrø gneiss; ~ 40-50%					
100.5		< 1 foot wide med-crs gabbrø gneiss alternating with ~ 1 foot wide dark grey-black f.g. mafic dikes. Nil - Cr sulf weat hornblende/kapen, chl and musc. alterations at spinners sections. Dyke/gabbrø contacts at ~ 40°					
		86.4 to 89.5; gabbrø, m.g., with chl + plag alteration					
100.5	to	Banded mafic dyke - (clinovase?); no before, distinctly vesicular; banding @ 30 to 45°; lower contact w at 45°					
137.0							
139.0	to	Gabbrø, light purplish-white - gneiss; sl. bleached	014	135	140	5	
149.5		mainly cxs to vcs. ground; wk-med chl; boss wk + tale; wk - wk plag alt'd. ~ < 1% + m.g. - blbby po - cpy	015	140	150	10	
		137.8 to 138.3; MgS - cpx, m.g. to po, cpy					
		147.0 to 149.5; med-crs gabbrø					

bleached
200' interval

FROM	TO	DESCRIPTION	SAMPLE NO.	FROM	TO	SAMPLE WIDTH	ASSAY VALUE
		200.7: dk'd @ 40-60°					
		202.5 to 203.1: Jfg dark green mafic dyke - M6b.					
		203.1 to 203.4: CRS - peg gabbruo, mod blebby po. cpy					
		204.6 to 205.0: Peg Gh wk po. dy ± cpy					
		205.2 to 206.5: Jfg dark green mafic dyke - M6b? 14 @ 30°					
		206.5 to 208.0: CRS - Peg An Gh - Gb: 218-18 blebby po, cpy					
		208.0 to 210.0: Mafic Gabbruo.					
210.0 to		Coarse to very coarse, Anorthositic Gabbruo - Gabbruo,					
246.5		light whitish - green, U. CRS granoid; slightly bleached. weak - mod chl, weak plus ± weak talc	022	210	220	10'	
			023	220	230	10'	
		alterations: T. ish. 2-Mg dy 1/2 - 3/4 cpy	024	230	240	10'	
		233 to 242: An Gh - An Gh Nor, wk talc alt	025	240	250	10'	

FROM	TO	DESCRIPTION	SAMPLE NO.	FROM	TO	SAMPLE WIDTH	ASSAY VALUE		
							PE	PD	PGM
246.5	to	Malic Gabbro - Gabbro, dark green to green-							
259.2		Black, slightly bleached, mod-crs to mod-fine agained. Mod chl, wk falc alt. ~1/2 blebby - partly po, cpy	026	250	260	10'	.009	.079	.088
		253.3 to 254.0: Peg Gb - Mgb 2-3% po cpy							
		254.3: 2cm white fels dykes @ 350							
		254.8 to 255.2: Peg Mgb, 1-2% ms - blebby po, cpy							
		255.6 to 256.1: crs - peg amgb - gb.							
		258.0 to 258.5: crs - peg amgb - gb							
259.2	to	Coarse An Gabbro - Gabbro, light whitish green	027	260	270	10'			
272.0		to dark green, ol. bleached. wk-mod chl, wk falc + plag alt; ~1/2 ol. blebby - patchy po, cpy crs to ucrs - po.							
272.0	to	Gabbro - Malic Gabbro, dark green, ol. bleached,	028	270	280	10'			
318.5		mod to mod-crs, mod chl, wk + falc alt. 'd ~ 1/2 +, ms to blebby po + cpy.	029	280	290	10'			
			030	290	300	10'			
			031	300	310	10'			
			032	310	320	10'			

FROM	TO	DESCRIPTION	SAMPLE NO.	FROM	TO	SAMPLE WIDTH	ASSAY VALUE
		273.5 to 294.1 : ~ 3% m.s. - blebby cov, po					
		274.9 to 275.0 : Reg Gb.					
		276.4 to 276.6 : Reg Gb					
		278.7 to 278.9 : Brown-white field, porph.					
		dyke @ 35-40°					
		281.4 to 282.0 : crs - peg gabbro ~ 3-5%					
		m.g. - blebby po, spy					
		286.7 to 286.9 : peg gb mod +					
		blebby po, spy					
		290.5 to 290.6 : Peg Gb 2-3% m.s.					
		po, spy					
		291.2 to 291.4 : Peg Gb 1 mod m.s. po, spy					
		292.0 to 292.3 : Peg Gb					
		293.4 to 293.6 : Peg Gb, mod blebby po, spy					
		293.6 to 293.9 : P.g. dark green mft dyke?					
		-modic gabbro, constricts @					
		60 and 80°					

FROM	TO	DESCRIPTION	SAMPLE NO.	FROM	TO	SAMPLE WIDTH	ASSAY VALUE	
		301 to 305; white field. pink clayke, contacts at 15° and 40°						
		312 to 313.0; CTS to Dec. Gb - An Gr (to Gb(Dor)). air-mod chl ± halr alt.						
		<12 - Tr. so.						
		313.5 to 318.0; Reg Gb - Gb(Dor); weak f.g. cpy						
		318.3 to 318.4; Reg Gabbro; mod blebby po, cpy.						
318.5		Medic Gabbro, dark green, mod sq.; mod. chl.;	032	310	320	10'		
336.6		tr - <12 ^{ns} m.s. py, po, cpy	033	320	330	10'		
		319.4 to 319.9; Gabbro Repetitive; ~ <12 - Tr. Pulky py + po - cpy						
		326.1 to 326.4; CTS - Reg Gabbro, weak mg po. cpy						
		327.4 to 328.4; CTS - Reg Gb - Mg B. x sulfides.						

FROM	TO	DESCRIPTION	SAMPLE NO.	FROM	TO	SAMPLE WIDTH	ASSAY VALUE	
		329.3 : 1cm wh g/v @ 450						
		330.0 : shrd @ 350						
		330.7 - 331.3 : crs. peg sb. 1-2 g p-m.s						
		peg + po, epy.						
336.6 to		Gabthro . light to medium green isolated bleached zone	034	330	340	10		
380.0		assembly, m.s. with grade glauconic, Fe med-crs q1. ; wk - mod cl + wk plug alteration, Isolated to p - m.s epy - pg.	035	340	350	10		
		341.3 to 344.0 : Mgb - CDX , pg v. chloritic	037	360	370	10		
		348.9 to 349.5 : Peg sb - Amber ; wk - mod mg py + po						
		349.5 to 352.7 : Mafic Gabthro						
		352.7 to 354.1 : aluminosilicate ; pg v. chloritic						
		354.0 to 354.1 : Peg sb						
		354.1 to 355.0 : white to pink p. porph clay @ 250 (Xcutting to gabthro pygging ?)						
		355.0 to 355.5 : med - crs to peg sb wk. py, po, epy						
		355.5 to 357.9 : Mgb - CDX when contact @ 400						

FROM	TO	DESCRIPTION	SAMPLE NO.	FROM	TO	SAMPLE WIDTH	ASSAY VALUE	
		358 to 359; crs - peg Gb.						
		363 to 380; med-crs + Gabbro, isolated						
		< 1/2 ft wide crs - peg zones. Grain size gradually increases to end of section. tr f - mic. or so cov.						
380.0 to 405.0		Gabbro; greenish, al-mod bleached; v crs to peg wk-mod chl, wk plug, sand pass wk tale alt. - 1/2 - 1/3 blebby-patchy, no cov mainly from 397 to 404'.						
		382.5 to 382.7: tr-wh. Peis dyke contacts						
		① 60 cov 500						
		382.7 to 384.7: discharge dyke black, ash silic Ld ② 450						
		384.7 to 385.2: tr-wh Peis dyke Ld ② 450						
		385.7 to 386.0: br-wh Peis dyke						

FROM	TO	DESCRIPTION	SAMPLE NO.	FROM	TO	SAMPLE WIDTH	ASSAY VALUE	
		395 to 405; Intermixed zone; 60% crs-peg						
		in-Gh 1-2 ft wide with 40% 1 ft wide						
		dark green crs mfr. calcite sections						
		~ 1% blebby so, cpy mainly in An zones,						
405.0 to		Mafic Gabbro (to calcite matrix) dark green, ol. bleached						
407.0		med to med-crs, mod chl, wk calcite Tr - nil of g so, cpy						
		406.0 to 408.2: crs-peg, Mch - MgNdor						
		408.2 to 412.0; ~ 10% 1 to 2 ft wide peg						
		Gabbro zones						
		417.0 to 417.7: crs-peg Gb						
		420.1 to 420.4: crs-peg Gb, wk m.s. so to cpy						
		420.6 to 420.8; mg Anorthositic zone						
		428.7 to 428.8; white Qtz + felsic dyke						
		⊙ 450						
		453.8 to 454.0; dark brownish-grey, oph						
		mafic - diabase dyke ⊙ 450						

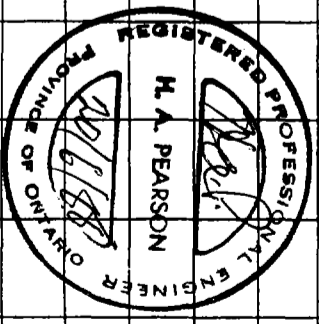
FROM	TO	DESCRIPTION	SAMPLE NO.	FROM	TO	SAMPLE WIDTH	ASSAY VALUE	
		457.0 to 462.0 ; barite med-crst						
467.0	to	Mufic Gabbro - crs ; dark green mg ; med. chl.	048					
503.6		nil - wk talc alt. ; nil - tr sulf	049					
		492.4 ; 2cm ; qtz - bell ocrh. druse @ 450	050					
		497.0 to 499.7 ; crs - MgB ; m.g.						
		500.0 to 500.6 ; med-crst gabbro						
		502.0 to 502.6 : wk str fract set @ 500 xc						
		502.6 to 503.6 : Peg Gh , wk f.g. cpy						
503.6	to	Clino pyroxenite - MgB ; dull , at bleached,	051					
542.7		dark green , med - f.g. mod - strong chl ,	052					
		wk + talc alt. , nil - tr sulfides	053					
			054					
		503.7 to 504.9 ; dbud @ 200						
		1 cm ore vein @ 504.1						
		513 to 513.5 : sh-pink felsic dyke						
		@ 150						

FROM	TO	DESCRIPTION	SAMPLE NO.	FROM	TO	SAMPLE WIDTH	ASSAY VALUE	
		519 to 522 : 2% \pm 1cm wh-pink felsic						
		shining dyke @ 0-20' x/c?						
		520.5 : 1cm peg galena @ 400						
		537.0 to 541.5 : CPX-PYX to MgB ; wk + talc alteration.						
		540.3 to 540.5 : fault @ 600 mod						
		talc-chl - carb all'd						
		540.5 to 541.0 : white-pink felsic dyke @-20'						
		541.5 to 542.7 : mg Gb - GbDor						
		542.4 to 542.5 wh-pink fels dyke						
		@ 400						
		542.7 to						
		Mafic Nuclei - mafic quartzite - dark brown-green	055	540	550	10'		
		564.5						
		mg ; wk talc \pm chl alt mil sulf.	056	550	560	10'		
		546.7 to 548.9 Galena, mg, tr a-mg py						
		547.5 to 548 : Peg Galena, wk py						

FROM	TO	DESCRIPTION	SAMPLE NO.	FROM	TO	SAMPLE WIDTH	ASSAY VALUE
		549.1 to 549.4: black, cph, sil (mfc) - diabase dyke @ 60°					
		551.7 to 553: Melic gabbro - clinopyroxenite (dyke?) with contact chert @ 35° mod-strong chl, wk hite alt					
		561.2 to 563.0: Mch - cpy, tr. pg, pe, cpy					
564.5	to	Gabbroite - mafic gabbro; mod to dark green with massive (< .5 FT) basaltic sections mod to med-crs mod-wk chl, wk hite alt tr isolated P-mg po	057	560	570		
569.3	to	568.4 to 568.7: crs - per, gabbro, tr, py					
569.3	to	Tyroxenite - crs to mafic gabbro; mainly dark green to black, m.g.; mod-strong chl, wk-mod hite alt. tr - mil sulphides.	058*	057	058		
588.6			054*	058	059		
		571.4 to 571.7: Peg gb @ 40°					
		574.0 to 574.8: wk sh'd @ 20-25°					

FROM	TO	DESCRIPTION	SAMPLE NO.	FROM	TO	SAMPLE WIDTH	ASSAY VALUE
		574.8 to 576.1 : Peg. sh					
		587 to 588.6 : Pyx - Matrix Gbndor to M. Matrix					
588.6 to		Matrix Dunitite to Gbndor dunitite, dark brown - green to	060	590	600	10	
604.0		green - black, m.s. ; weak - wk chl, nil to mod talc alteration, dil - tr. sulf. des	607	600	607	7'	
		594.7 to 595.6 : Pyx - mfc Gbndor ; mod - wk talc chl alt ; poss altered					
		Matrix Dunitite					
		595.6 to 597.7 : Gbndor - Gbndor ; m.s. wk-mod chl ± talc alt'd					
		599.5 to 600.1 : Peg Gbndor					
		600.1 to 600.6 : Gbndor m.s.					
		600.6 to 604.0 : Matrix Gbndor - Gbndor to Matrix					
604.0		End of Hole					

L. Anderson Mar 187



Diamond Drilling Log

PROPERTY 2500000000 COORDINATES 4507 2400 W of Bl. A DRILL HOLE NO. 87-45
 COMMENCED Mar 11/87 ELEVATION 2510 BEARING S 71° W DIPS -45° SHEET NO. ONE of 18
 COMPLETED Mar 15/87 DEPTH 708' LOCATION Section 8 West T12N25E

Black tags
 split to 500'
 prior to logging

FROM	TO	DESCRIPTION	SAMPLE NO.	FROM	TO	SAMPLE WIDTH	IRON ASSAY VALUE			
							Fe	Mn	Pb	
0 to 33		Casing								
33 to 59.6		Pyroxenite; dark grayish-green to black; p.m.g. mod + calc ± chl altered. Tr. - mil sulfides	004 ⁺ 005 ^x 006 ^x	30 40 50	40 50 60	7' 10' 10'		.003	.045	.048
		35.4 to 36.4: ~ 20% 1-2cm wk felsic dikes @ 20-30° dk - sh'd								
		@ 20-30°								
		36.7 to 37.6: Reg Sh. ± 2g calc, 20								
		37.6 to 38.1: 2-3cm dk - sh' calc ls								
		2.5 dikes @ 2-35° dk - sh'								
		mini ss'd								

CONTRACTOR Colbert Drilling

LOGGED BY: Todd Sanders

FROM	TO	DESCRIPTION	SAMPLE NO.	FROM	TO	SAMPLE WIDTH	ASSAY VALUE		
							PL	PL	REM
59.6	64	Gabbro + An Gabbro, light reddish-green; ccs -	007	60	70	10'	.013	.214	.227
79.6		v.ccs, sl. st. ch. ± wk hole wk along a field t+ - < 1% vfc - f.c. to m.s. DO, cdu.	008	70	80	10'	.010	.162	.172
		59.6 to 61.0: Angis - Amphibole t+ J.C.							
		DO, cdu. mod. D. chl skr Quartz							
		63.2 to 64.5: Fract-bra gne; v 50% < 3cm.							
		Dark blue-black J.C. mt. cyles / white matrix, 0-2% v 4% vfc the no. cdu							
		65.4: wk+ fine cdu DO							
		69.2 to 68.5: white 20% ch. ch. ke							
		68.5 to 72.0: Gabbro noritic; m.ccs							
		t+ p.g. DO, cdu. wk-							
		ch. acid cdu							
		75.2 to 75.3: sl. fractl @ 30°; v 3%							
		p.g. DO							

0.227

0.172

FROM	TO	DESCRIPTION	SAMPLE NO.	FROM	TO	SAMPLE WIDTH	ASSAY VALUE		
							oz/ft ³	pt	FSM
		75.3 to 75.8: white chert - to							
		thin silty, tr + m.g. pu							
		75.8 to 76.5: dark grey brownish, l.w.s							
		silty (dykes); 2' x 18' to 1'3"							
		l.w.s m.w.g. 20'							
79.0 to		Pyroxenite; dark grey to black 2-w.g.; mod +	009 X	80	90	10'	.004	.053	.057
135.5		fine silty, tr + fto m.g. outcrops.	010 X	90	100	10'			
			011 X	100	110	10'			
		88.5 to 92.7: reddish felsic dyke	012 X	110	120	10'			
		(2) 10 to 30'	013 X	120	130	10'			
		92.7 to 93.2: fract - bxd. 50% 2-3 cm	014 X	130	140	10'			
		white felsic dykes.							
		93.2 to 93.6: 2-3% m.s. pu ± 20'							
		117.8 to 121.5: mod. chert - Direct used.							
		(1) 0-30' mod. black (2)							
		fine silty.							

FROM	TO	DESCRIPTION	SAMPLE NO.	FROM	TO	SAMPLE WIDTH	ASSAY VALUE
		179.4 to 179.8; crs to peg GbDOR-Gb;					
		wkt hole alt. ~ 1-2% crs po, cpy					
		186.2 to 187.2; Quartzite - GbDOR; Ti ⁺					
		f-m.g. cpy ± po					
		186.5 to 187.1; Amphibolite; m.g.					
		187.1 to 189.4; M6bDOR to Pyx; wkt					
		hlc, mod chl.					
		189.0 to 189.3; crs to peg.					
		Pyx-M6b.					
		202.6 to 203.5; Peg Gb - M6b; 1% m.g.					
		po, cpy					
		204.5; mod-wk 2-m.g. cpy, py					
		204.7 to 206.5; dark grey green f.s.					
		gabro (dyke).					
		206.5 to 206.7; crs - peg Gb - GbDOR					
		2-3% m.g. cpy, po.					

FROM	TO	DESCRIPTION	SAMPLE NO.	FROM	TO	SAMPLE WIDTH	ASSAY VALUE
		211.2 to 211.6; med-cts + M6b - PYX, wk					
		M.S. PO					
		211.6 to 213.6; dark grey-green, f.g.s - M.S.					
		M6b to Gb.					
		213.6 to 213.8; white silice dyke					
		⊙ 250					
		214.2 to 215.9; f-m.s. M6b to Gb					
		216.0 to 217.0; Matrix Gabbro - csx					
		217.3 to 217.6; cts - peg, M6b - csx; med					
		f-m.s. pos. cpv					
		218.6 to 223.4; M6b - Gb; m to med-cts					
		kt + f-m.s. po, cpv.					
		220.2; 1cm qtz ⊙ 350					
		223.4 to 225.6; <1% ⁺ f-m.s. po, cpv					
		225.6 to 229.0; M6b - Gb; kt + f-m.s. po, cpv					
		231.8 to 232.1; ~1% m.s. po, ± cpv					

FROM	TO	DESCRIPTION	SAMPLE NO.	FROM	TO	SAMPLE WIDTH	ASSAY VALUE		
							OZ/TON	PT	PGM
		233.5 to 235.5: ~1 ^{1/2} m's ⁺ po, cpy							
		239.3 to 240.2: ~1 ^{1/2} m's po, cpy							
		245.8: low freq 400 @ 200							
246.0 to 247.5		5' above - low Galena; 10' - white sil - coarse; at blacked. coarse to wets sp. white calcification. wet chl wk - hole w/ clay calcification, sil - the same as above	025	249	260	11'			
		252.5 to 253.2: low, blk 2-3 cm dark green 2-c metallic dyke! in sil @ 2-100	027	260	270	10'			
		262.3: 0.5 cm sil 2-3 @ 250							
		263.5 to 264.2: brown sil - white calcic trace @ 45° and 10°							
270.5 to 267.0		Galena; light to med greenish to white - black; sil. blacked, cfs to w-cfs; 1' thin - irregular surface. wk + chl wk - hole, wk sil. 5' m's to below po, cpy	028	270	280	10'			
			029	230	290	10'	.003	.083	.086
			030	290	300	10'			
			031	300	310	10'	.004	.062	.066
			032	310	320	10'	.007	.055	.062
			033	320	330	10'			

300 - 320' $\frac{.064}{20}$

FROM	TO	DESCRIPTION	SAMPLE NO.	FROM	TO	SAMPLE WIDTH	ASSAY VALUE
		271.8 to 273.7 : Diabase @ 45°					
		276.2 to 276.5 : mod ms to blacky ps, cv					
		276.7 to 277.0 : Diabase dyke					
		277.0 to 277.6 : crs - peg quartz, K+					
		D.S. DO. CV					
		278.0 to 278.4 : Diabase dyke					
		280.5 to 281.0 : Peg Gb.					
		281.5 to 282.0 : 10-20% 2cm white					
		elastic dykes @					
		282.0 to 282.5 : crs to peg Gb - Mgn					
		1/2 mt to crs DO CV					
		282.8 to 283.8 : 1-2% m g - blacky ps, cv					
		284.4 to 284.7 : blacky crs blacky crs.					
		crs partially ground					
		285.3 to 286.0 : blacky crs blacky crs					
		286.0 to 287.2 : Gb - Mgn, 1%+ ms DO + CV					
		287.4 : 1cm carb-sect SHR @ 250					
		296.0 to 337 : K+ sline to m.g and isolated					
		blacky DO - CV ± PY					
		304.6 : 3cm white p.s dyke @ 55°					

FROM	TO	DESCRIPTION	SAMPLE NO.	FROM	TO	SAMPLE WIDTH	ASSAY VALUE
		340.5: 2cm wh. Pelitic shale @ 300					
		341.0 to 346.0: blocky core, v. minor sanding					
		347.0 to 347.1: Rec. Gls; mod. m.s. ps, cov					
		347.1 to 348.9: med-crst, sl. shid. MGS - Gls					
		348.9 to 349.5: med-crst, MGS - Gls					
		mod. shid. alt'd					
		349.5 to 358.0: MGS to Gls; blocky argon, sl. blockad					
		m.s. with m.s. to m-crst. feldspars					
		mod. chl. \pm wk. shale. tr. f.s. po.					
		345.5 to 346.0: 20% 2cm wh. feld. dykes @					
		15° and 30°					
		346.4 to 346.7: AN - AN Gls					
		347.2 to 347.5: AN - AN Gls					
		347.7 to 347.9: Feg. Gls.					
		358.0 to 364.8: Gls - MGS to SHID - MGS - Gls					
		mod. sandstone sl. bedded.					
		med-crst. to crst. sl. shid, wk-					
		mod. chl, poss. wk. shale alt'd.					
		tr. ps - m.s. cov.					

FROM	TO	DESCRIPTION	SAMPLE NO.	FROM	TO	SAMPLE WIDTH	ASSAY VALUE
		364.8 to 364.9: wh - fr f.o. size @ 250					
		364.9 to 367.0: Diabase Dyke @ 350					
367.0 to		Drilling: light to med. green wh - black; coarsely					
371.8		crs to m-crs, whd with s. crs. feldspar; wh chl,					
		wh - talc sil. f - sil feld.					
371.8 to		Diabase Dyke; @ 200	038	370	390	10'	
381.3							
381.3 to		Gabbro - Gabbro matrix; med green-green to	039	380	390	10'	
394.2		wh - black. med-crs / crs. to serpentine. wh chl,					
		crs wh talc sil. T ⁺ isolated as to m.s.					
		Dr. cov.					
		384.5 to 386.5: black - fractured core					
		385.9 to 387.2: basaltic zone core					
		partially ground.					
		388.8 to 390.0: 10% + 1 to m.s. po, cov					
		391.5 to 392.0: Diabase dyke					

FROM	TO	DESCRIPTION	SAMPLE NO.	FROM	TO	SAMPLE WIDTH	ASSAY VALUE
		393.1 to 393.2 Diabase dyke					
		393.7 to 394.2 Diabase dyke					
392.4 to		Galena. mod - dark granular. sl - mod. bleached.	040	390	400	10'	
459.8		mod to mod fcs, sl. v. shd with ext bed spars, wkt chl, wkt tile, wkt plug alt'd. Tr - nil sulfides	041	400	410	10'	
			042	410	420	10'	
			043	420	430	10'	
		394.7 to 394.6; Diabase dyke @	044	430	440	10'	
		60° + 10-20°	045	440	450	10'	
			046	450	460	10'	
		401.9 to 402.1; Diabase @ 400					
		403.0 to 404.5; Diabase - exerts contact - 2m x 20% 5-10 cm Diabase fragments					
		404.5 to 411.2; Diabase dyke					
		412.5 to 413.0; wk-mod shr quartz @ 25°					
		413 to 423.7; Moderately bleached - fractured mica, wkt galena.					

FROM	TO	DESCRIPTION	SAMPLE NO.	FROM	TO	SAMPLE WIDTH	ASSAY VALUE
		approx 5% fine carb-infined quartzites					
		mainly @ ~ 200 ; Tst 2-m.s py + cpy-po					
		419.6; 2cm sh-wsh D.p. Duke					
		@ 25-300					
		421-422.0; ~ 41% + 2-m.s, Divate					
		422.0; 1cm shf @ 100					
		423.5 to 423.9; carb'd + epp.					
		alt'd shf / Result @					
		400					
		428.0 to 430.0; med-cts sh-An sh					
		430.0 to 459.3; sh - Wsh med to med-cts					
		sl. sh'd with med-cts + 2cl'd parts					
		sh - med - cts mass wk table					
		alt'd. F. D. 20. 20.					
		442.7; 2cm sh a - 91c @ 300					
		447.9 - 448.4; sh to br shls. Duke					
		@ 450					
		450.3 to 450.5; ccs - peg sh,					
		wk swiss.					

FROM	TO	DESCRIPTION	SAMPLE NO.	FROM	TO	SAMPLE WIDTH	ASSAY VALUE			
							OZ/TON	Pt	Pt	PctM
459.8	to 471.6	Mineralized Gabbro Peridotite. whitish green - black serpentinized. wk chd & shd. alt. Moderately mineralized with 1-2% f-m.s. ps-eo. brnd t+ m.s. - Br. magnesian. Magnesian concentrated at 467.0 to 471.6. Mod. fract bld. brecciated with ~ 5%+ elem. D.S. brown dikes / infills. 459.8 to 460.4: shdwd contact zone. @ 450 462.7 to 463.1: Disconce @ 55+420	047*	460	470	10'	.011	.166	.177	
471.6	to 478.0	Dyke Zone: 471.6 to 473.4: dark green - green f.s. mafic (gabbro - diorite) dike @ 500 473.7 to 478: Diabase Dyke; @ 20-600	048	470	480	10'				
478.0	to 507.0	Mafic Gabbro in Gabbro: dark gray-green to green. vol. blocky, m.s. sl. vtd 3 rest. zeldsours. Rod chd, wk-tale, alt'd t+ 2-m.s. ps + epy.	049	480	490	10'				
		499.5 to 500.5: ol shd @ 300	050	490	500	10'				
			051	500	510	10'				

FROM	TO	DESCRIPTION	SAMPLE NO.	FROM	TO	SAMPLE WIDTH	ASSAY VALUE
507.0 to		Gabbro - Gabbro Norite; med grayish sl - mod	051	500	510	10'	
548.0		blacked. mod-cr's to more grayed, sl ut'd.	052	510	520	10'	
		wk-m chl, wk+ talc altered. trace p.s. po, cpy.	053	520	530	10'	
			054	530	540	10'	
		507.0 to 507.4: m-cr's to cr's Gb - LnGb	055	540	550	10'	
		509.1 to 509.6: m-cr's to cr's Gb - AnGb					
		510.9 to 513.5; m-cr's to cr's Gb - AnGb					
		519.1 to 521.6; cr's Gb - LnGb.					
		526.6 to 526.7; wk q/u @ 500					
		531.2 to 532.2; Mch - GbNor to					
		CDX - PYX; m to m-cr's					
		mod chl, mod talc alt'd					
		ht p.s. po ± cpy					
		532.6 to 533.6: m-cr's ⁺ Gb - AnGb					
		544.7 to 547.2; cr's - v-cr's, ut'd					
		An Gb - Gb; Tr 2-m.s					
		DO					
548.0 to		Diabase Dyke; contacts @ 200 with minor date					
576.0		fine, x/c gabbro, pegmatite stringers					

FROM	TO	DESCRIPTION	SAMPLE NO.	FROM	TO	SAMPLE WIDTH	ASSAY VALUE	
		602.0 to 608.6: CCS - U CCS mod stx'd Gib-Gibber T ⁺ P. 30, RPY						
		608.6 to 615.0: Mg-b-Gibber; dark green - black. ms to mcs, with CS to m-cs 2/1's size mod chl; wk-mod tale alt'd N. P. s. sulf.						
		615.0 to 615.2: wk-brown P.P. dyke @ 25°						
		614.9 to 655.2: wk qv @ 30° + 50°						
		655.5 to 657.5: Gr / oxide zone 50% .5 to 3um wk s/s mainly @ 0-200						
		658.0 to 658.3: Anorthosite; ~ 3-5% Q - m.s, Py + cpy.						
		658.3 to 660.5: Anorth. qv - green f-m.s 'diabitic' andic (quartzol) dyke; T ⁺ - <1% 2. - m.s cov, pp						
		660.5 to 666.7: Mg-b-Gibber; m to m-cs T ⁺ Q - m.s, Py, cpy						
		666.7 to 668.8: m-cs AN - An sb.						

FROM	TO	DESCRIPTION	SAMPLE NO.	FROM	TO	SAMPLE WIDTH	ASSAY VALUE
		702.3 to 702.5: Fr/bxa - dyke zone					
		60% - 1cm to 6cm discharge dyke.					
		706.5 to 707.2: cfs - bed, NGLy - Gbldor					
		1% ⁺ S. c. M. con. = PO					
708.0		End of Hole.					
		<i>Good</i>					
		April, 1987					



DIAMOND DRILL RECORD

NAME OF PROPERTY MADDELINE MINES LTD
 HOLE NO. 87-49 LENGTH 1209'
 LOCATION BASELINE 'A'
 LATITUDE SEC 507 DEPARTURE 0700 ft BL. 'A'
 ELEVATION _____ AZIMUTH 251° DIP -45°
 STARTED JULY 15/87 FINISHED JULY 23/87

FOOTAGE	DIP	AZIMUTH	FOOTAGE	DIP	AZIMUTH
200	-40°		1000	-35°	
400	-40°		1200	-40°	
600	-39°				
800	-37°				

HOLE NO. 87-49 SHEET NO. 1
 REMARKS _____
 LOGGED BY E. VUKOVICH

FOOTAGE FROM TO	DESCRIPTION	SAMPLE				ANALYSIS				
		NO.	% PH SLIDES	FOOTAGE FROM TO	FOOTAGE TOTAL	%	%	OZ/TON	OZ/TON	PGM
0 15.0'	CASING									
15.0' 76.0'	COARSE GRAINED GABBRO - DARK GREY - ANORTHOSSITIC STRINGERS @ 31' & 35' - MINOR PYRITE, PYRRHOTITE & CHALCO.	030		20 30	10'			.004	.074	.078
		040		30 40	10'			.004	.070	.074
76.0' 105.0'	ANORTHOSSITIC GABBRO - 75% CALCITIC FELDSPAR - WITH SECTIONS OF PYROXENITE - COARSE GRAINED							20' - 40'	.076	20
105.0' 107.0'	DIBASE DYKE - BLACK - FINE GRAINED	090		30 90	10			.003	.059	.062
107.0' 121.0'	ANORTHOSSITIC GABBRO - 75% CALCITIC FELDSPAR	100		90 100	10			.002	.038	.040
		110		100 110	10			.002	.038	.040
		120		110 120	10			.003	.049	.052
		130		120 130	10			.004	.056	.060
121.0' 148.0'	PYROXENITE - COARSE GRAINED - DARK GREEN - SPARSE SULPHIDES.	140		130 140	10			.004	.058	.062
		150		140 150	10			.003	.029	.032
148.0' 156.0'	DIBASE DYKE - BLACK - FINE GRAINED	160		150 160	10			.000	.007	.007
		170		160 170	10			.003	.053	.056
156.0' 178.0'	ANORTHOSSITIC GABBRO - 75% CALCITE FIELD SPAR	180		170 180	10			.002	.048	.050
178.0' 209.5'	PYROXENITE - DARK GREEN TO BLACK - MEDIUM GRAINED - 207.0' TO 209.5' FINE GRAINED & BANDED							30' - 180	.046	100'
209.5' 272.0'	GABBRO - DARK GREY - MEDIUM GRAINED.									

FROM	TO	DESCRIPTION	SAMPLE NO.	FROM	TO	SAMPLE WIDTH	OZ / FT	ASSAY VALUE	REMARKS
2720'	2830'	TONALITE - DARK GREEN - FINE QUARTZ - SPARSE PYRITE & PYRRHOTITE	230	220	230	10	.007	.085	.092
2830'	2950'	ANDRTHOSITIC GABBRO - COARSE GRAINED - LIGHT GREY	240	230	240	10	.006	.046	.052
2950'	2970'	DIABASE DYKE - BLACK - FINE GRAINED	250	240	250	10	.003	.018	.021
2970'	3050'	GABBRO - COARSE GRAINED - LIGHT GREY GREEN - SPARSE SULPHIDES	260	250	260	10	.003	.018	.021
3050'	3140'	DIABASE DYKE - BLACK - FINE GRAINED	270	260	270	10	.005	.087	.092
3140'	3570'	PYROXENITIC GABBRO - DARK GREEN - MEDIUM GRAINED	280	270	280	10	.004	.046	.050
3570'	3620'	GABBRO - COARSE GRAINED - ANDRTHOSITIC - LIGHT GREY							
3620'	3680'	PYROXENITIC GABBRO - DARK GREEN - MEDIUM GRAINED					220 - 280	.055	.60
3680'	3840'	ANDRTHOSITIC GABBRO - COARSE GRAINED - LIGHT GREY							
		0.10% SULPHIDES CHALCO & PYRRHOTITE	360	350	360	10	.002	.048	.050
3840'	3870'	DIABASE DYKE - BLACK - FINE GRAINED	370	360	370	10	.002	.032	.034
3870'	4070'	ANDRTHOSITIC GABBRO - COARSE GRAINED - LIGHT GREY - SPARSE SULPHIDES	380	370	380	10	.005	.078	.083
			390	380	390	10	.002	.054	.056
4070'	4560'	TONALITE - DARK GREEN - FINE TO MEDIUM GRAINED	400	390	400	10	.003	.045	.048
		- LUNEFAM - FAIR TO SPARSE PYRITE	410	400	410	10	.004	.055	.059
4560'	4850'	PYROXENITIC GABBRO - WITH FEW ANDRTHOSITIC SECTIONS - DARK GREEN - COARSE TO MEDIUM GRAINED					350 - 410	.055	.60
4850'	4910'	DIABASE DYKE - BLACK - FINE GRAINED							
4910'	5230'	PYROXENITIC GABBRO - DARK GREEN - MEDIUM GRAINED	470	460	470	10	.004	.039	.043
		SPARSE SULPHIDES - CHALCO & PYRITE	480	470	480	10	.005	.046	.051
5230'	5390'	ANDRTHOSITIC GABBRO - LIGHT GREY - COARSE GRAINED	490	480	490	10	.003	.029	.032
		SPARSE PYRITE	500	490	500	10	.004	.038	.042

FROM TO	DESCRIPTION	SAMPLE NO.	FROM	TO	SAMPLE WIDTH	ASSAY VALUE
7570'-8760'	GABBRO - MEDIUM GRAINED - DARK GRAY - FINE SULPHIDES THROUGHOUT PYRITE, PYRRHOTITE & CHALCO.					
8700'-8925'	SERPENTINIZED PYROXENITE - DARK GREEN - MEDIUM GRAINED SPARSE SULPHIDES					
8925'-9290'	DIABASE DYKE - BLACK - FINE GRAINED					
9250'-9670'	PYROXENITIC GABBRO - GREY GREEN - MEDIUM TO COARSE GRAINED - 8" ANORTHOSSITE DYKE @ 9710' SPARSE CHALCO.					
9670'-9710'	ANORTHOSSITE DYKE - GRAY WHITE - MEDIUM GRAINED					
9710'-9820'	SERPENTINIZED PYROXENITE - GREY GREEN - MEDIUM GRAINED					
9820'-9890'	GABBRO - COARSE GRAINED - DARK GRAY - UNIFORM					
9890'-10090'	ANORTHOSSITE - GRAY WHITE - SOME FINE CALCITE & POTASSIUM FELDSPAR					
10090'-10115'	SERPENTINIZED PYROXENITE WITH SECTIONS OF ANORTHOSSITE					
10115'-10285'	HIGHLY ALTERED ZONE - SLICIFIED - DARK GRAY - SOME GRAINS OF FINE QUARTZ					
10285'-10885'	TONALITE - DARK GREEN - MEDIUM GRAINED - FINE QUARTZ - SLIGHTLY SLICIFIED.					
10885'-10915'	DIABASE DYKE - BLACK - FINE GRAINED					
10915'-11030'	SLICIFIED GABBRO? - DARK GRAY - PORPHYRITIC IN APPEARANCE					
11030'-11060'	DIABASE DYKE - DARK GREEN - FINE GRAINED					

FROM	TO	DESCRIPTION	SAMPLE NO.	FROM	TO	SAMPLE WIDTH	OZ/TON ASSAY VALUE		
							PE	PL	PGM
449.5'	526.0'	DIBASE DYKE - BLACK-FINE GRAINED-SPARSE PYRITE							
		468.0'-470.0' GABBRO - COARSE GRAINED	570	560	570	10	.000	.037	.037
		510.0'-513.0' " " "	580	570	580	10	.002	.041	.043
526.0'	574.0'	ANORTHOSITIC GABBRO - COARSE GRAINED-GREY GREEN - SPARSE PYRITE & CHALCO.	590	580	590	10	.002	.032	.034
574.0'	589.0'	TONALITE - DARK GREEN - MEDIUM GRAINED - FREE QUARTZ	600	590	600	10	.008	.056	.064
589.0'	611.0'	DARK GREY - MEDIUM GRAINED - SPARSE CHALCO. 589.5' - 590.5' - SILICIFIED - RHYOLITIC IN APPEARANCE - BLACK.							
611.0'	618.0'	TONALITE - DARK GREEN - MEDIUM GRAINED - FREE QUARTZ - SPARSE PYRITE							
618.0'	643.0'	GABBRO - DARK GREEN - MEDIUM GRAINED - SPARSE CHALCO.							
643.0'	675.0'	ANORTHOSITIC GABBRO - COARSE GRAINED - FAIR PYRRHOTITE & CHALCO. CONTENT							
675.0'	703.0'	GABBRO - MALITE - ROUGHISH - MEDIUM GRAINED - SPARSE PYRITE							
703.0'	715.0'	SERPENTIZED TONALITE - DARK GREEN - MEDIUM GRAINED - SPARSE PYRITE.							
715.0'	716.5'	FAULT ZONE - GROUND CORE							
716.5'	753.0'	TONALITE - DARK GREEN - MEDIUM GRAINED - FREE QUARTZ - FAIR SULPHIDE CONTENT - MOSTLY PYRITE.							

FROM	TO	DESCRIPTION	SAMPLE NO.	FROM	TO	SAMPLE WIDTH	ASSAY VALUE	
753.0'	799.0'	SAUSSURITE GABBR0 - FELDSPAR CHANGED TO SAUSSURITE WHILE PYROXENITE CHANGED TO AMPHIBOLE SPARSE PYRITE & CHALCO.						
799.0'	802.5'	ANORTHOSSITE PYRITE - GRAYISH WHITE - MEDIUM GRAINED						
802.5'	812.0'	SAUSSURITE GABBR0 - SAME AS ABOVE -						
812.0'	890.0'	TONALITE - DARK GREEN - MEDIUM GRAINED - FINE QUARTZ SPARSE PYRITE & CHALCO.						
890.0'	927.0'	ANORTHOSSITE GABBR0 - LIGHT GREY GREEN - COARSE GRAINED - 75% CALCITIC FELDSPAR						
927.0'	939.5'	TONALITE - DARK GREEN - MEDIUM GRAINED - FINE QUARTZ FAIR PYRITE & PYRRHOTITE CONTENT.						
939.5'	981.0'	CALCITE RICH SECTION - CONTAINS BROWN MICACIOUS MINERAL THAT SURROUNDS A CLUSTER OF PYRITE AND ALSO CONTAINS A PALE GREEN FIBROUS MINERAL (OLIVINE?)						
981.0'	1015.0'	TONALITE - DARK GREEN - MEDIUM GRAINED						
1015.0'	1024.0'	GABBR0 - DARK GRAY - COARSE TO MEDIUM GRAINED - SOME POTASSIUM FELDSPAR						
1024.0'	1034.0'	DIABASE PYRITE - BLACK - FINE GRAINED - VEINLETS OF QUARTZ WITH FINE PYRITE -						
1034.0'	1086.0'	ANORTHOSSITE GABBR0 - LIGHT GRAY - COARSE TO MEDIUM GRAINED - SPARSE PYRITE & CHALCO.						

DIAMOND DRILL RECORD

NOV - 3 1997

NAME OF PROPERTY MADDELINE MINES LTD
 HOLE NO. 87-51 LENGTH 860'

LOCATION S10 SECTION DEPARTURE 600' E OF BASELINE 'B'
 LATITUDE _____ AZIMUTH 251° DIP -45°

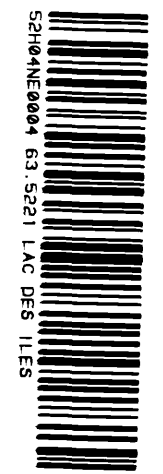
ELEVATION _____ FINISHED JULY 12/87
 STARTED JULY 3/87

FOOTAGE	DIP	AZIMUTH	FOOTAGE	DIP	AZIMUTH

HOLE NO. 87-51 SHEET NO. 1
 REMARKS _____
 LOGGED BY J. VUKOVICH

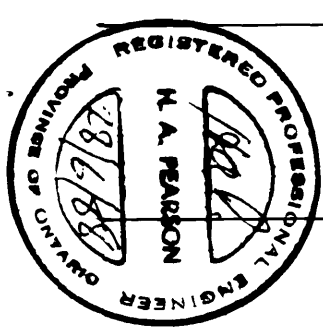
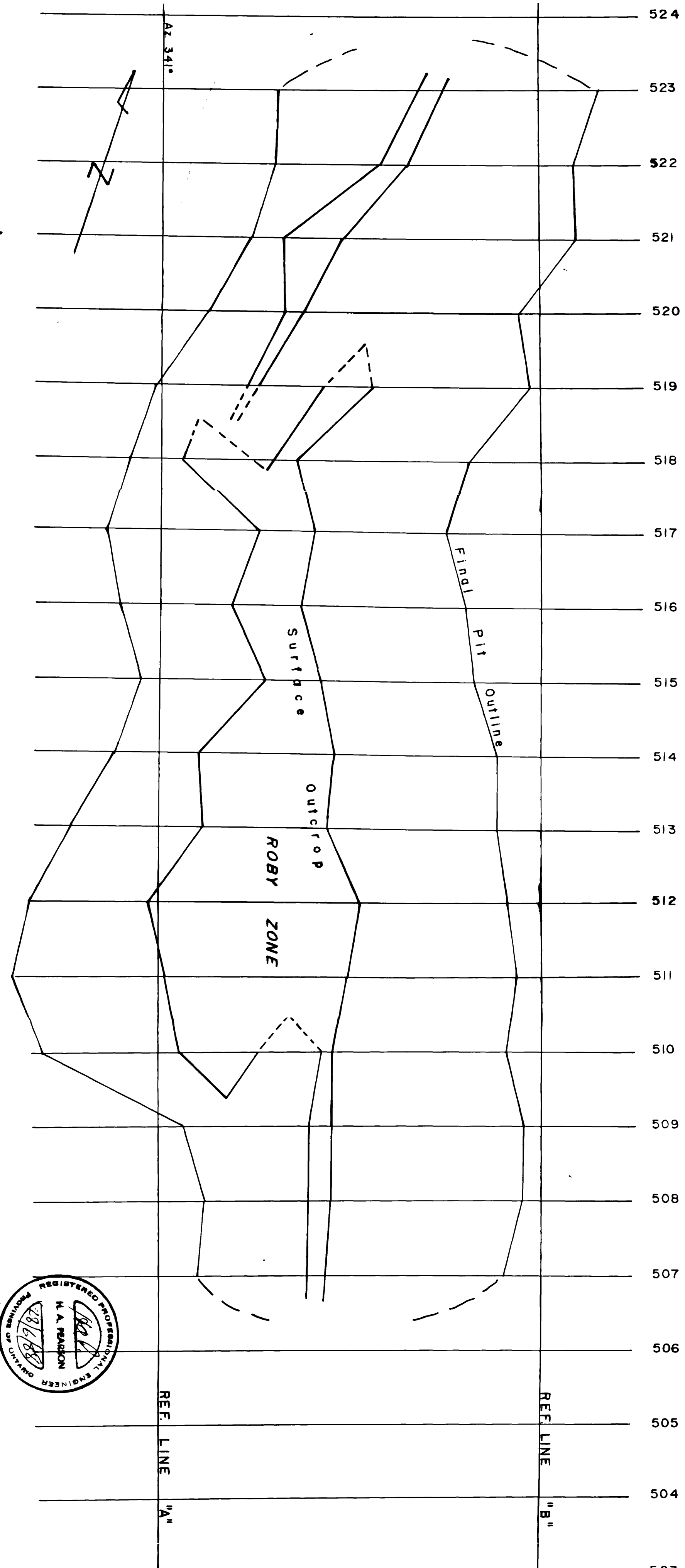
FOOTAGE FROM	TO	DESCRIPTION	SAMPLE		ASSAYS								
			NO.	% SULPHIDES	FROM	TO	TOTAL	%	%	OZ./TON	OZ./TON		
0	4.0'	CASING											
4.0'	20.0'	TONALITE - DARK GREEN - MEDIUM GRAINED - SILICEOUS - FAIR PYRITE, CHALCO & PYRRHOTITE CONTENT - 0.10%											
20.0'	88.0'	GABBRO - DARK GREY - MEDIUM GRAINED FAIR PYRITE & CHALCO CONTENT - 0.05%											
88.0'	298.0'	GABBRO - DARK GREY - COARSER GRAINED THAN ABOVE - DISSEMINATED PYRITE & CHALCO. THROUGHOUT. 148.0' - 150.0' PYRITE & PYRRHOTITE - 0.25%. 265.0' - 266.0' DIABASE DYKE - BLACK - FINE GRAINED.											
298.0'	308.5'	TONALITE - DARK GREEN - MEDIUM GRAINED - FINE QUARTZ - SPARSE PYRITE CONTENT											
308.5'	340.0'	GABBRO - DARK GREY - MEDIUM GRAINED - SPARSE SULPHIDES											

FROM	TO	DESCRIPTION	SAMPLE NO.	FROM	TO	SAMPLE WIDTH	ASSAY VALUE
340.0'	352.0'	TONALITE - DARK GREEN TO BLACK - MEDIUM GRAINED - CONTAINS PYRITE, CHALCO & MAGNETITE					
352.0'	429.0'	SILICIFIED GABBRO - DARK GRAY - MEDIUM GRAINED - SOME FREE QUARTZ - SPARSE PYRITE.					
429.0'	475.0'	SILICIFIED ZONE - DARK GRAY - FINE TO MEDIUM GRAINED FAIR AMOUNT OF FREE SILICA - SPARSE PYRITE					
475.0'	522.0'	PARTLY ALTERED GABBRO - DARK GRAY - MEDIUM GRAINED - SOME ALTERATION TO THE FELDSPAR & PYROXENITE					
522.0'	574.5'	SPARSE FELTITE GABBRO - BOTH FELDSPAR AND PYROXENITE ARE ALTERED					
574.5'	594.0'	PARTLY ALTERED GABBRO - SAME AS 475.0' TO 522.0'					
594.0'	596.0'	GABBRO - GREENISH - MEDIUM GRAINED					
596.0'	597.0'	SERPENTINIZED GABBRO - POSSIBLE FAULT ZONE					
597.0'	607.0'	GABBRO - GREENISH - MEDIUM GRAINED					
607.0'	609.0'	GABBRO - DARK GRAY - MEDIUM GRAINED					
609.0'	686.0'	MELA GABBRO - DARK GRAY BLACK - MEDIUM GRAINED					
686.0'	710.0'	PYROXENITIC GABBRO - MOSTLY DARK GREEN - MEDIUM GRAINED					
710.0'	723.0'	ANORTHOSITIC GABBRO - MEDIUM GRAINED - GRAYISH					
723.0'	740.0'	PYROXENITIC GABBRO - MOSTLY DARK GREEN - MEDIUM GRAINED					
740.0'	802.0'	ANORTHOSITIC GABBRO - COARSE TO MEDIUM GRAINED -					



210

1



Trenched Area

PLAN OF TRENCHING

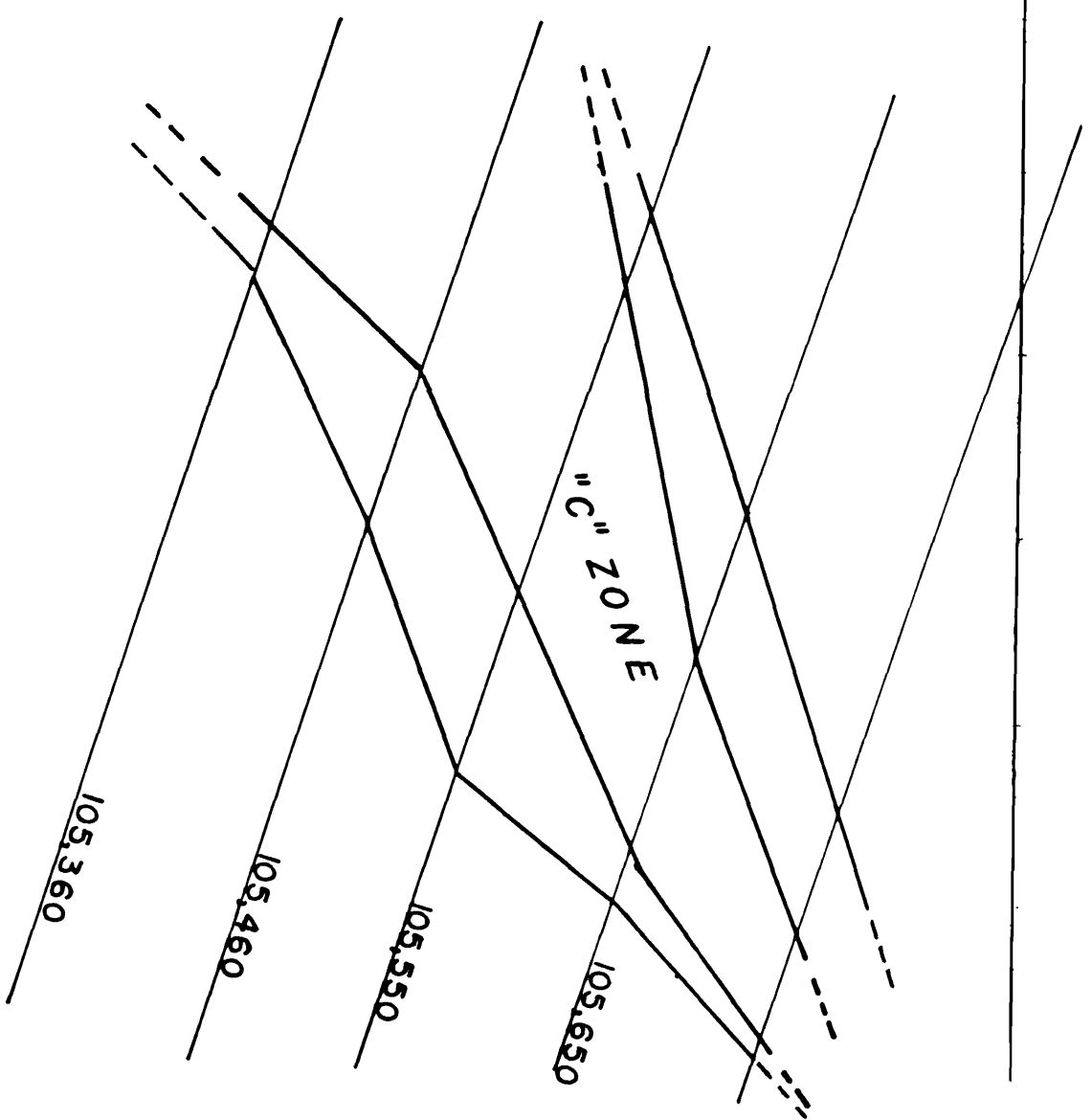
MADELEINE MINES LIMITEE
 Loc des Iles Property
 District of Thunder Bay
 63.5221

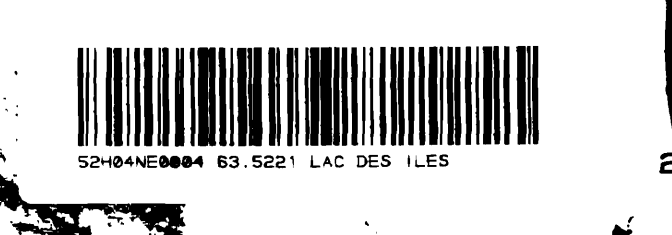
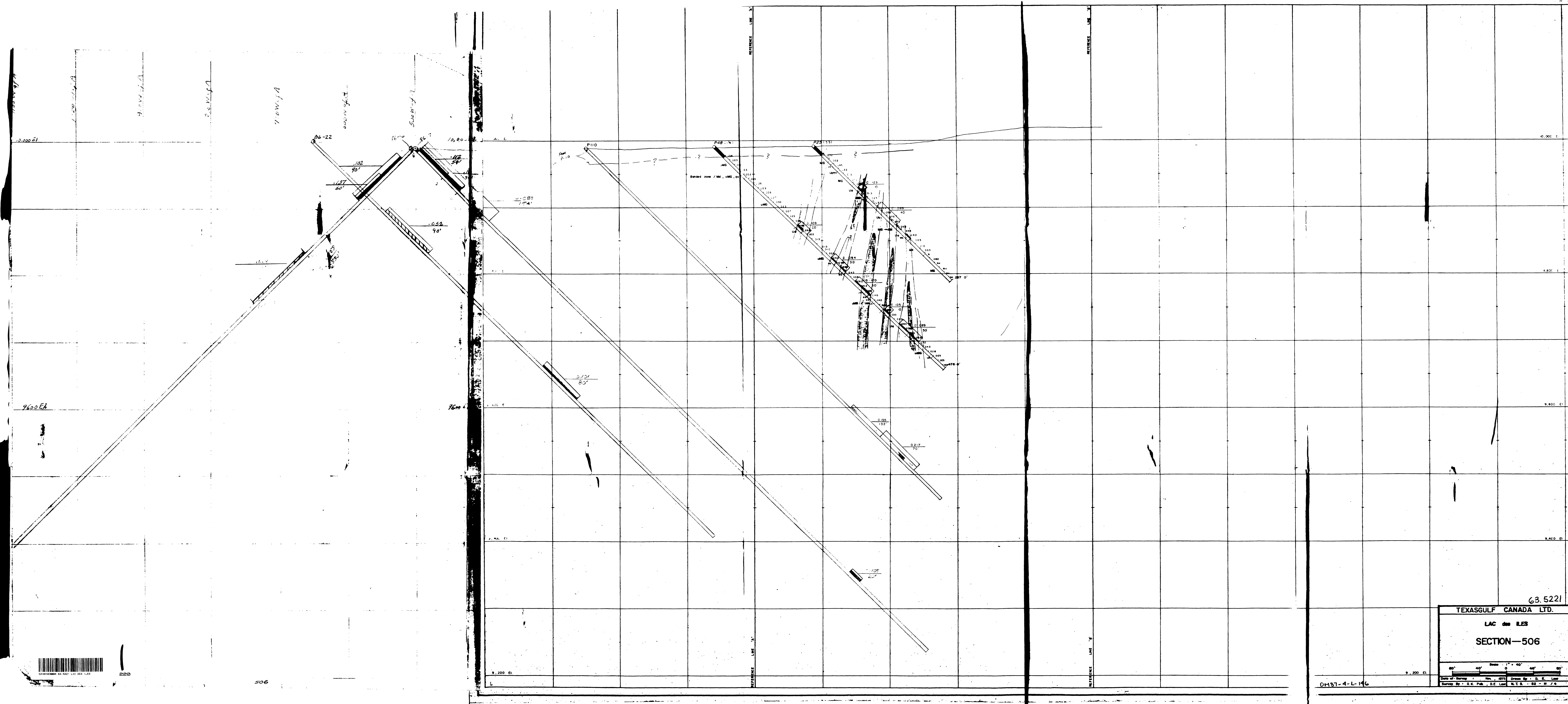
Scale 1" = 100'

June 1988

FIG. 7

OM 87-4-L-146



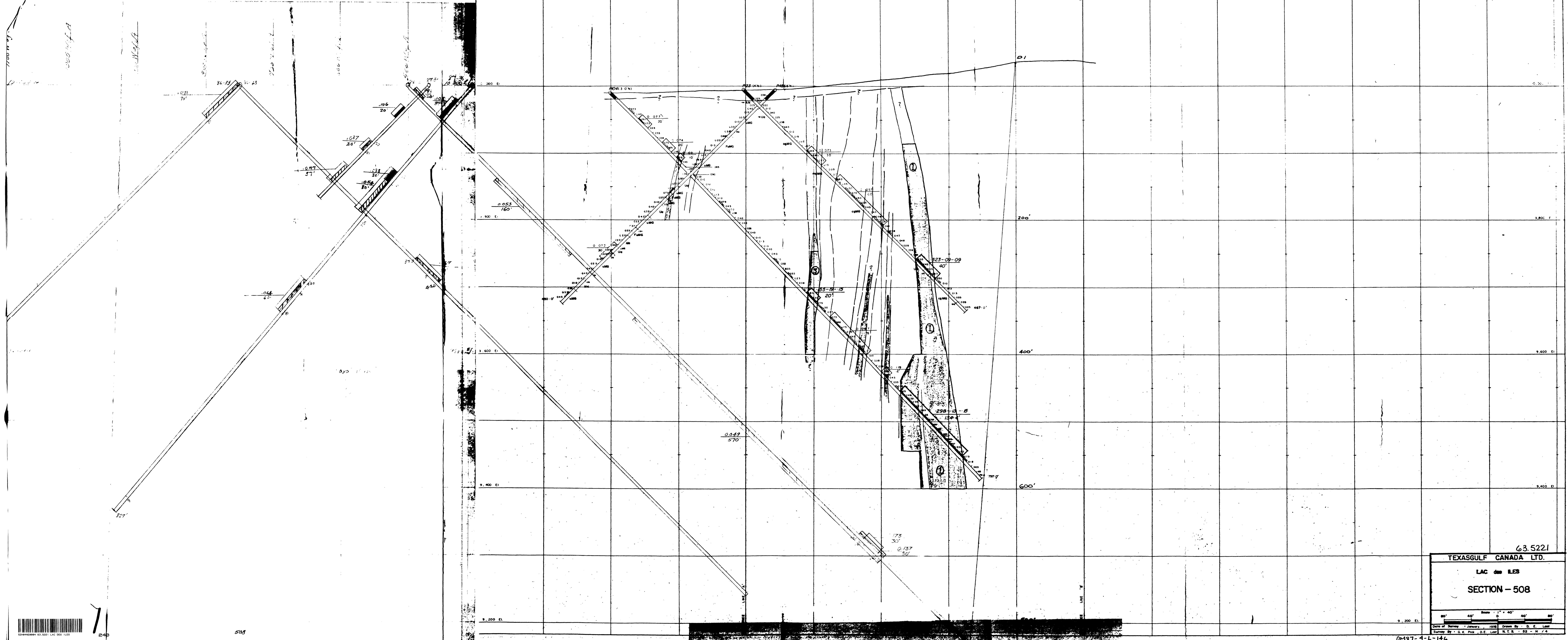


506

63.5221

TEXASGULF CANADA LTD.	
LAC des RIES	
SECTION-506	
Scale: 1" = 40'	0 40'
Drawn by: E. E. Linn	Checked by: G. E. Pinn
Surveyed by: G. E. Pinn	D. E. Linn

0187-4-L-16



63.5221

TEXASGULF CANADA LTD.

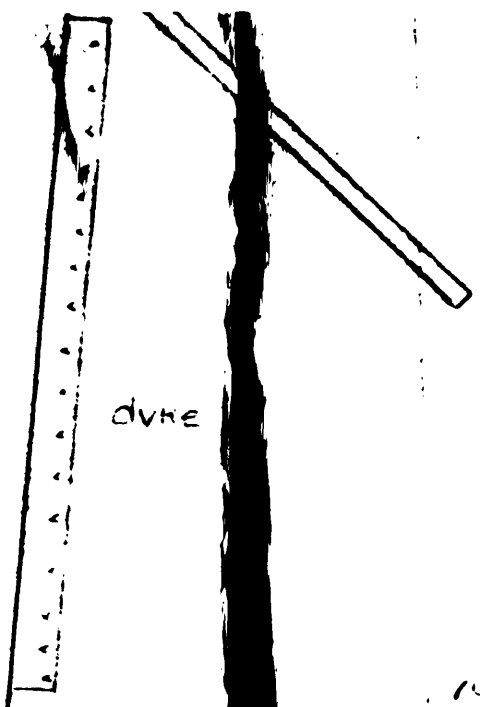
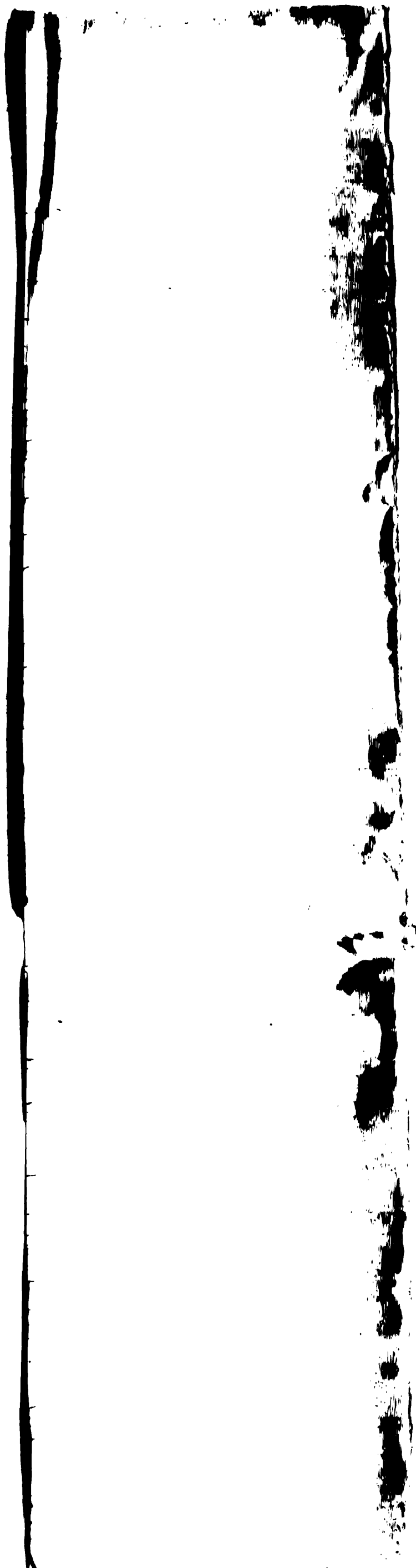
LAC des ILES

SECTION - 508

Scale: 1" = 40'

Date of Survey: 1982
Survey By: G.K. Poon, D.E. Lait
Drawn By: G.E. Lait

0M37-4-L-146



dvke

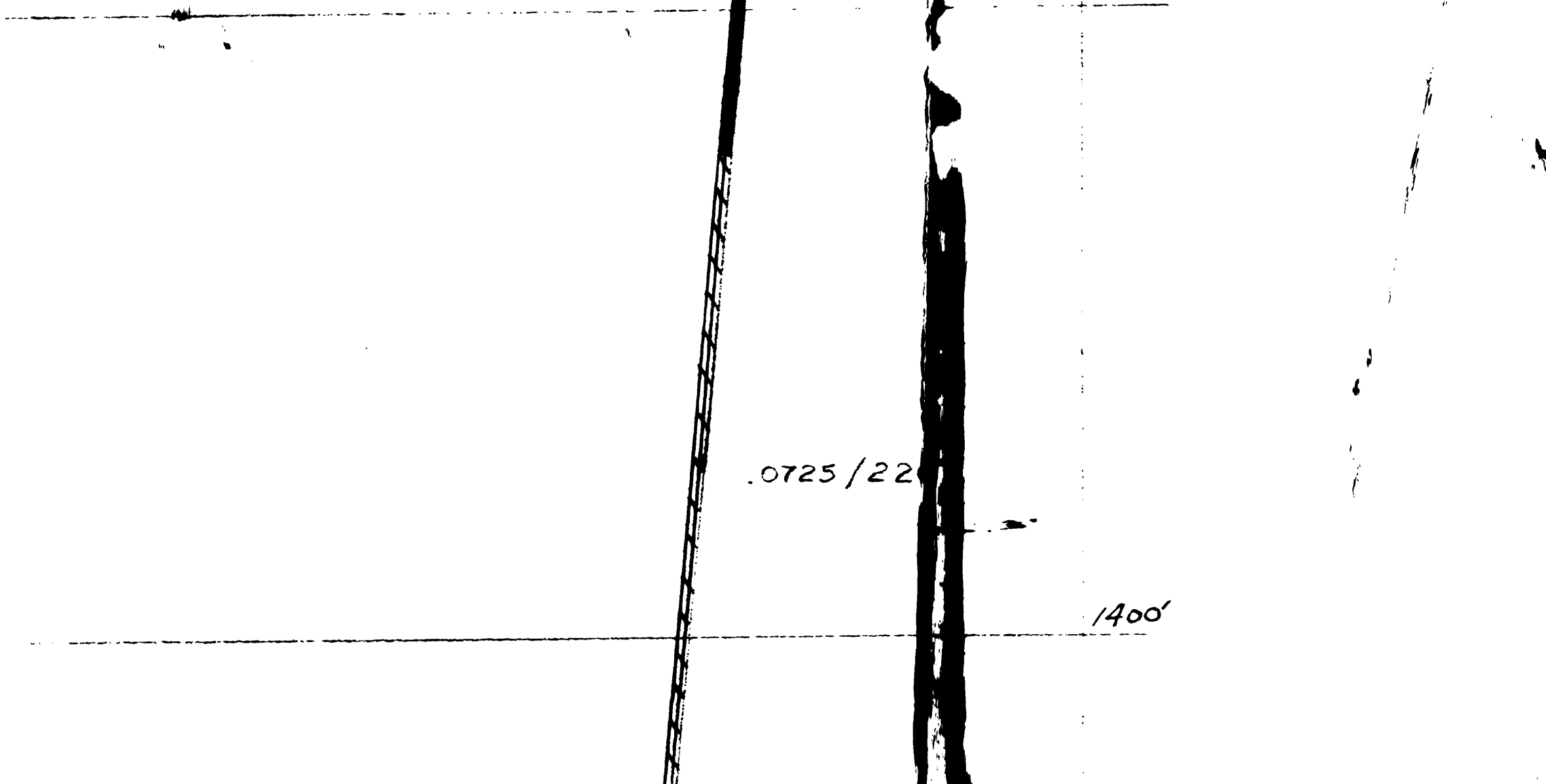
1000'

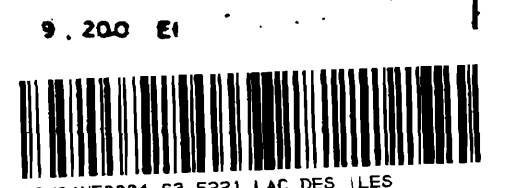
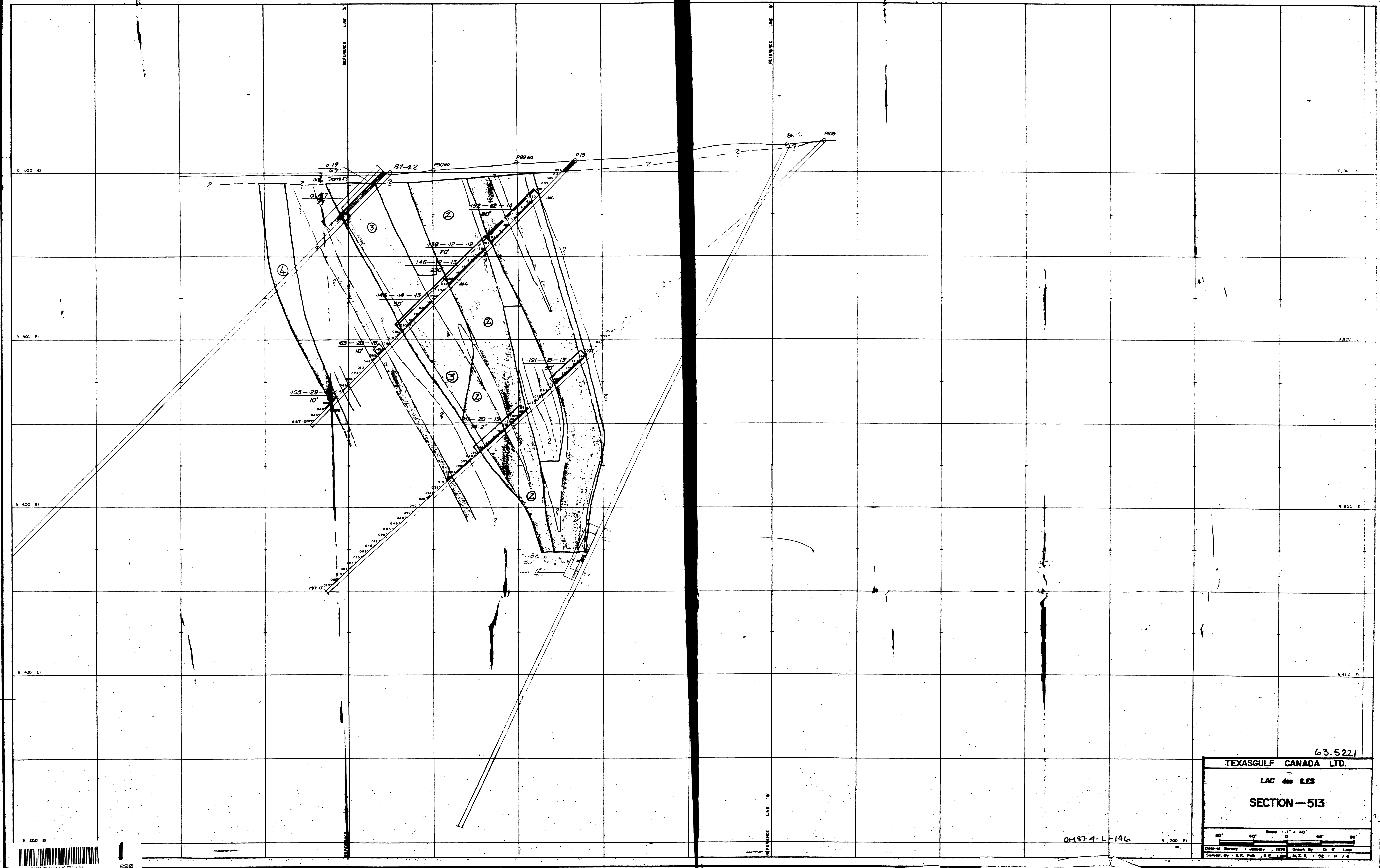
.235 / 150'

1200'

.0725 / 22'

1400'





280

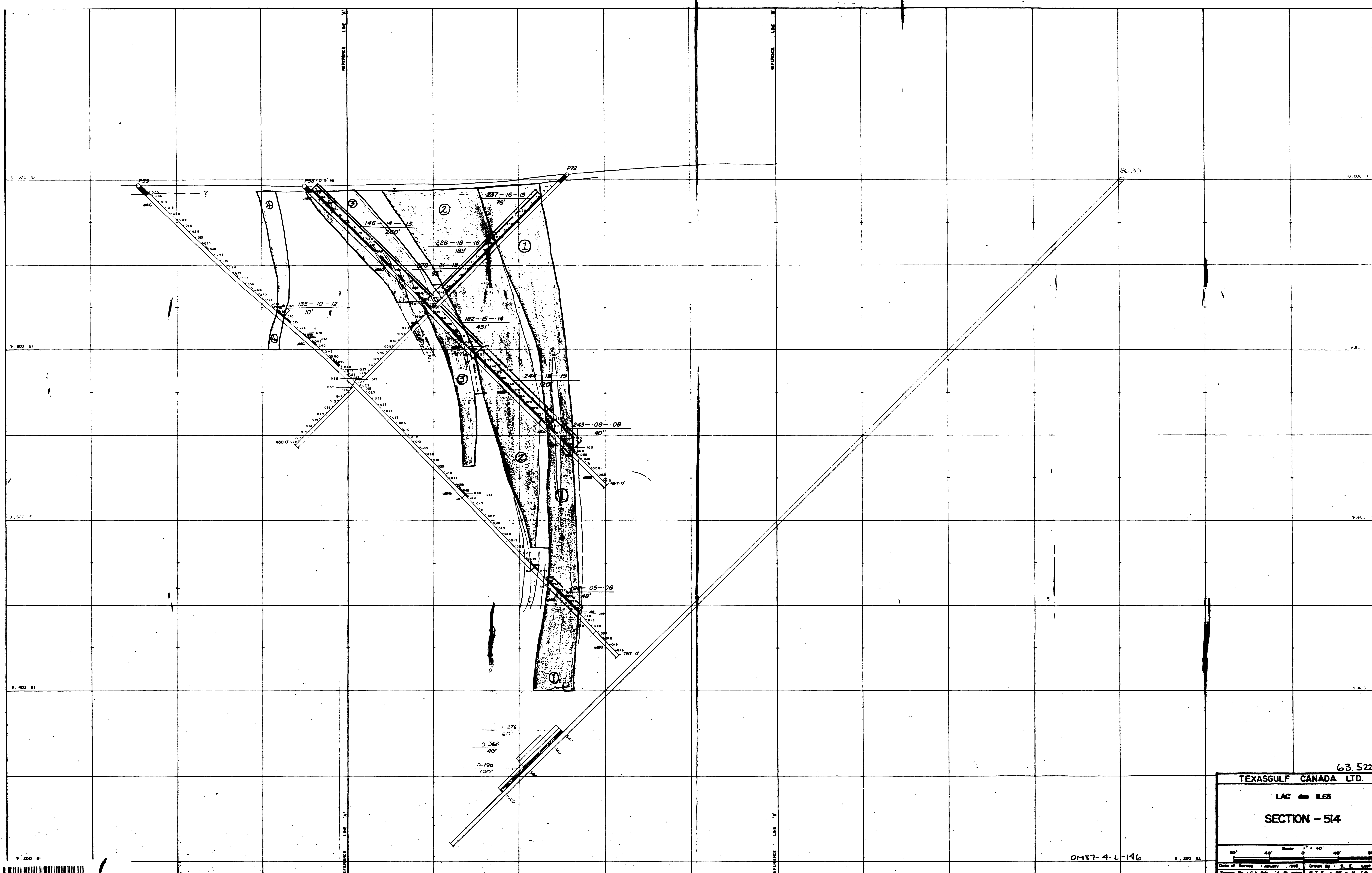
0187-4-L-146


63.5221

TEXASGULF CANADA LTD.
LAC des LES
SECTION-513

Scale: 1" = 40'

Date of Survey: January, 1976 Drawn By: D. E. Lutz
Survey By: S.K. Pelt, D.E. Lutz, M.E.R. 52-H/4



9.200 E1

 300

63.5221

TEXASGULF CANADA LTD.

LAC des ILES

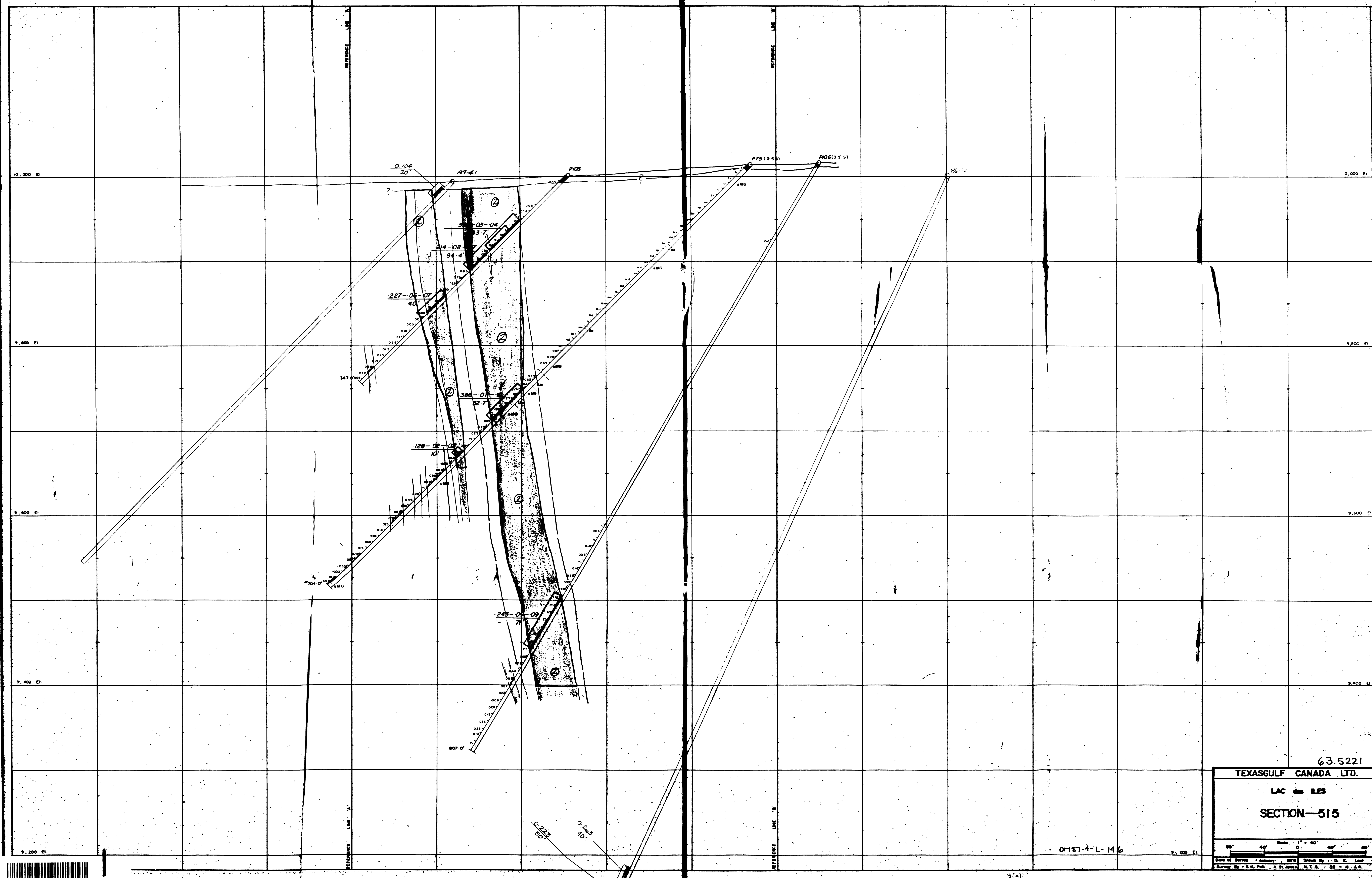
SECTION - 514

Scale: 1" = 40'

Date of Survey: January 1978 Drawn By: D. E. Lipp

Survey By: G.K. Pelt A. St. James R.T.E. 82-11/0

0187-4-L-146 9.200 E1



10,000 El. 0,000 El.

9,800 El. 9,800 El.

9,600 El. 9,600 El.

9,400 El. 9,400 El.

9,200 El. 9,200 El.

0.104
20'

07-41

P103

P75 (10.51)

P106 (13.51)

2.44-08
84 4'

2.27-06-07
40'

3.96-07
22.7'

1.28-05-04
10'

2.43-05-05
71'

0.223
50'

0.245
40'

0157-4-L-146

63.5221

TEXASGULF CANADA LTD.

LAC des ILES

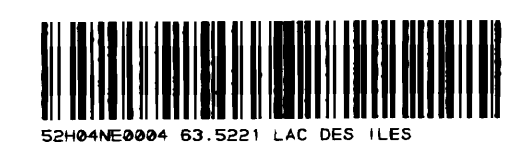
SECTION-515

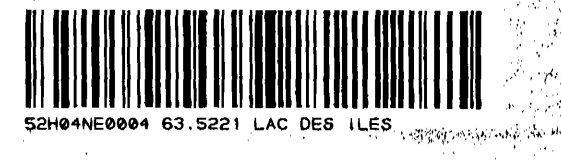
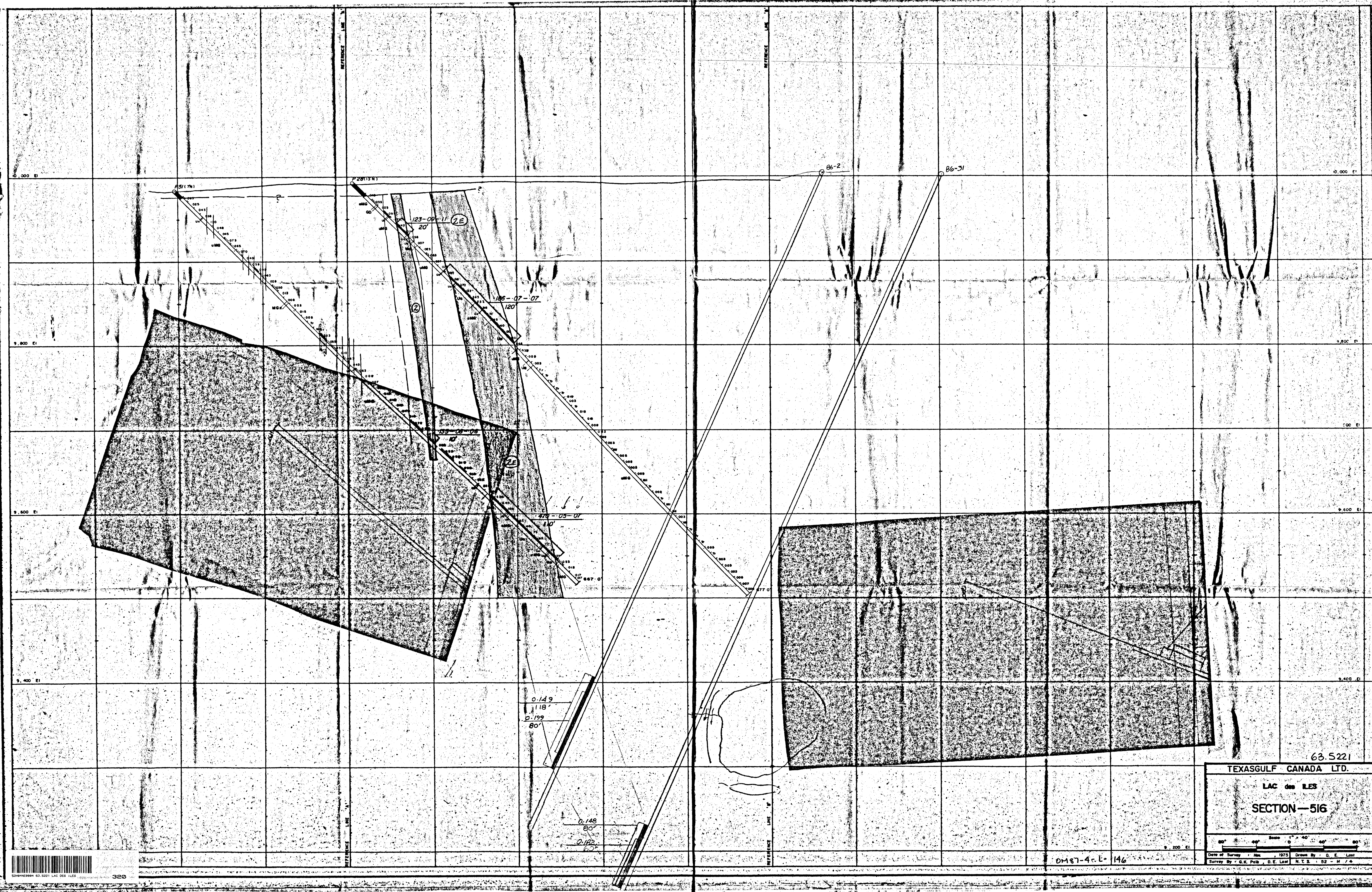
Scale 1" = 40'

Date of Survey: January, 1976

Drawn By: D. E. Linn

Survey By: G. K. Park, A.S. Jones, R. T. S., S.S. - N. Z. A.





320

63.5221

TEXASGULF CANADA LTD.

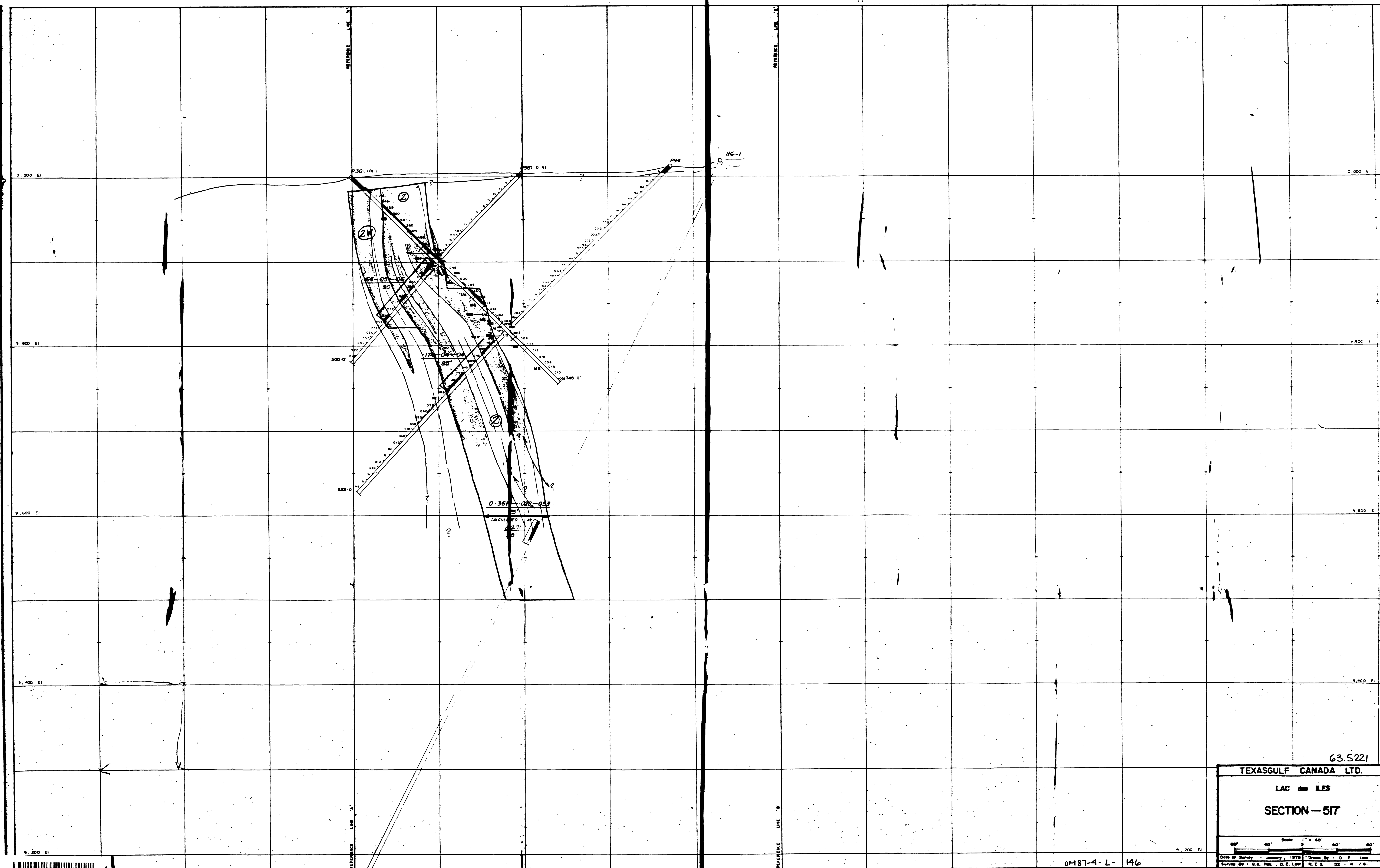
LAC des LES

SECTION-516

Scale 1" = 40'

Date of Survey: May 1973
 Drawn By: D. E. Lutz
 Survey By: G.K. Poth, D.E. Lutz, H.T.B. 52 - H/A

DM87-4-L-146



330

0M87-4-L-146

63.5221

TEXASGULF CANADA LTD.

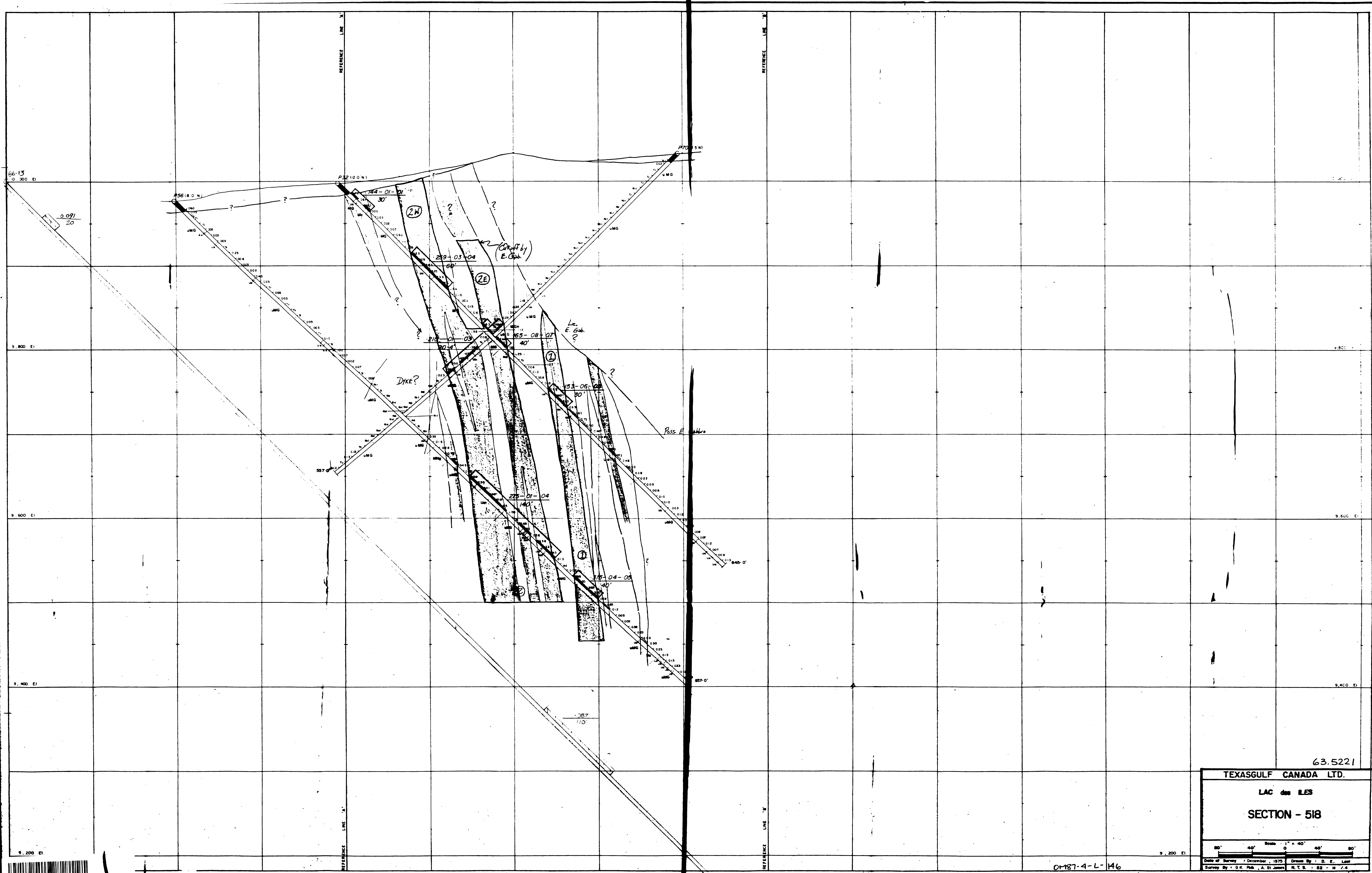
LAC des ILES

SECTION - 517

Scale 1" = 40'

Date of Survey: January, 1976 Drawn By: D. E. Linn

Survey By: G. E. Pab, D. E. Linn N.T.S. 02 - H / 4



66-13
0 300 E1

9 800 E1

9 600 E1

9 400 E1

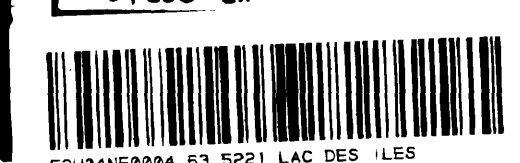
9 200 E1

9 800 E1

9 600 E1

9 400 E1

9 200 E1



340

63.5221

TEXASGULF CANADA LTD.

LAC des ILES

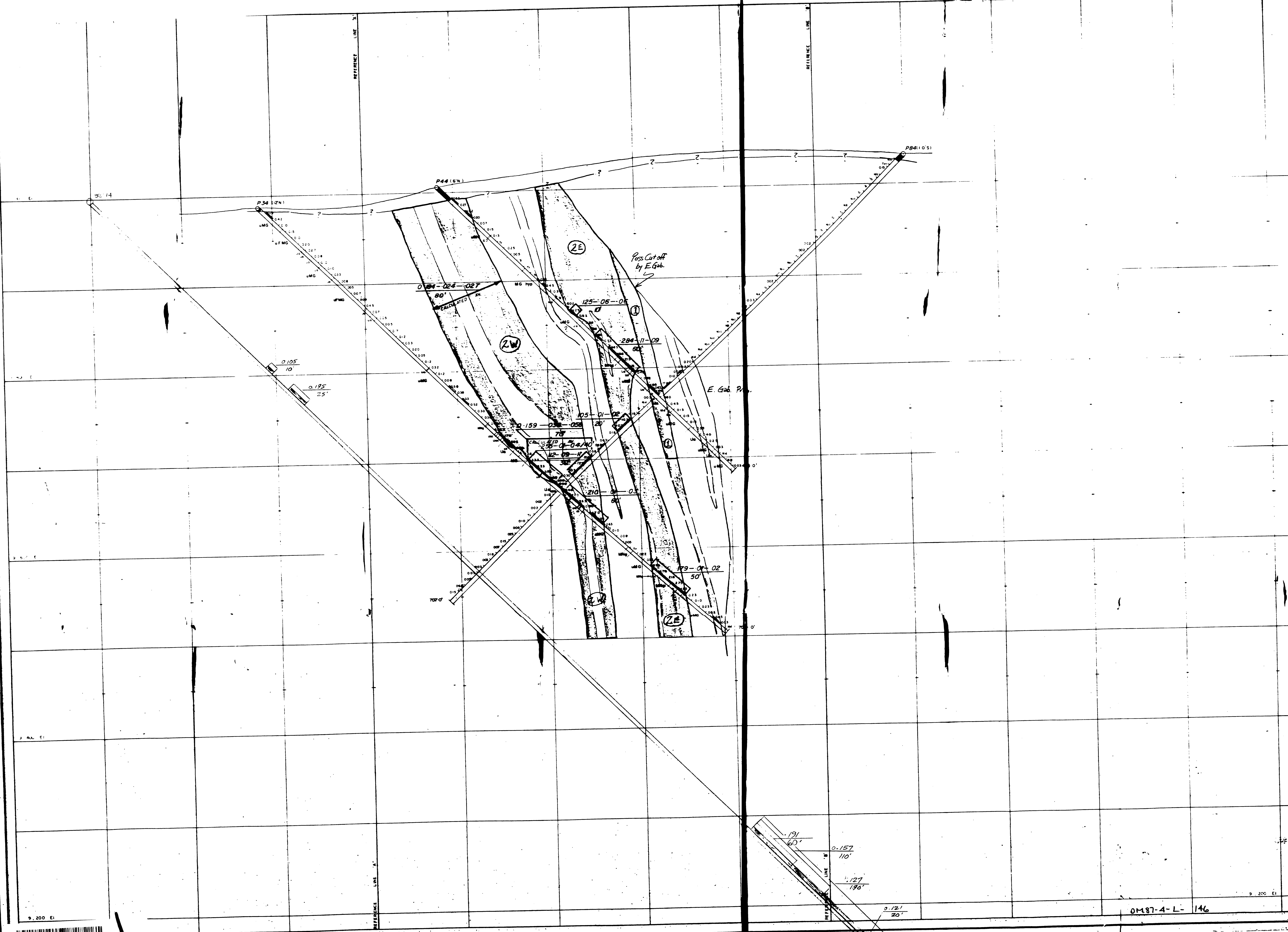
SECTION - 518

Scale 1" = 40'

Date of Survey: December, 1975 Drawn By: D. E. Lamb

Survey By: G.K. Pelt, A. St. James N.T.S. 62 - N 7.4

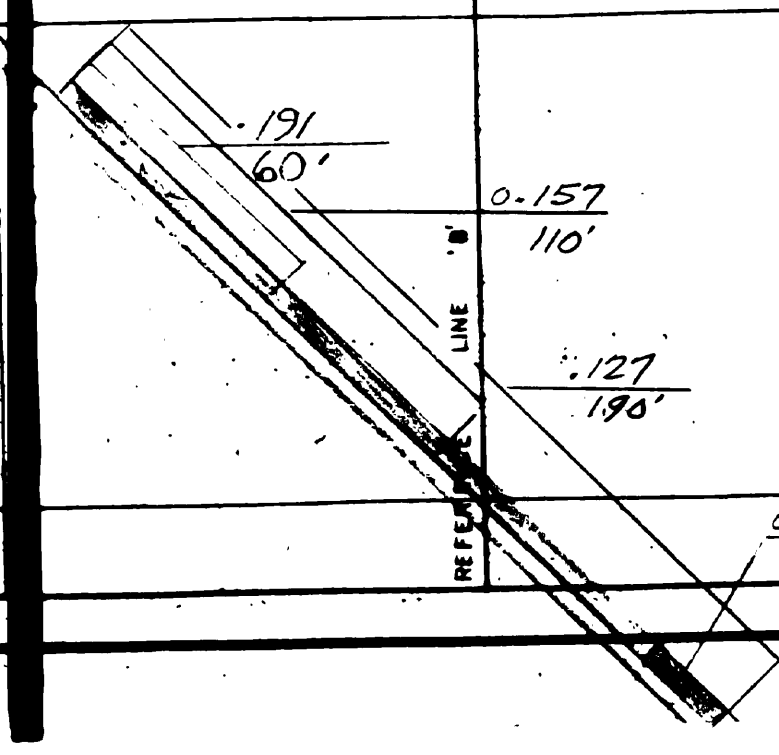
0187-4-L-146



9,200 EI



350



0-187-4-L-146

63.5221

TEXASGULF CANADA LTD.

LAC des ILES

SECTION - 519

Scale 1" = 40'

Date of Survey Dec. 1975 Drawn By D. E. Lutz

Survey By T. E. K. Pelt, A.S. M.T.S. D2 - H / 4