A

DIAMOND DRILLING REPORT

FOR

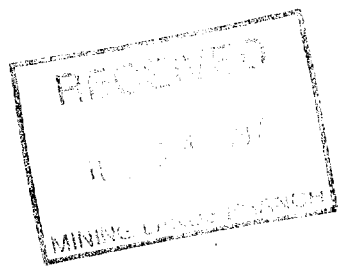
PELANGIO LARDER MINES LIMITED

ON THE

DN1 PROPERTY

WEST SUNDAY LAKE AREA

NORTHERN ONTARIO



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May 25/97

By: J. Kevin Filo P. Geo.

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Ontario

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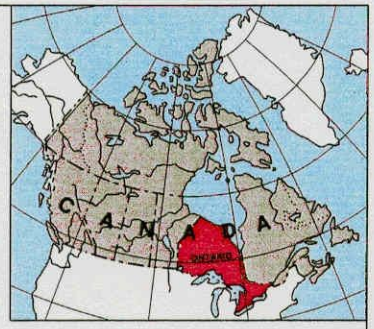


HUDSON BAY

JAMES BAY

MANITOBA

PELANGIO DN1 PROPERTY

Moosonee

Kenora

Geraldton

Thunder Bay

Timmins

Kirkland Lake

Cobalt

Sault Ste. Marie

Sudbury

Ottawa

Toronto

London

Windsor

U.S.A.

QUEBEC

L. SUPERIOR

L. MICHIGAN

L. HURON

L. ONTARIO

L. ERIE

Major Mineral Deposits
Past and Present

- Gold
- Silver
- Iron
- Copper-Nickel
- Zinc-Copper
- Platinum-Palladium
- Uranium
- Industrial Minerals

Scale 1 : 8 000 000

50 0 50 100 150 200 Kilometres

50 0 50 100 150 Miles

LEGEND[a]

PHANEROZOIC
MESOZOIC
CRETACEOUS
Sedimentary rocks

PALEOZOIC
DEVONIAN
Sedimentary rocks
SILURIAN
Sedimentary rocks
ORDOVICIAN
Sedimentary rocks
CAMBRIAN
Sedimentary rocks

PRECAMBRIAN
GRENVILLE PROVINCE
PROTEROZOIC
NEO- TO MESOPROTEROZOIC
Migmatitic rocks and gneisses
Mafic to ultramafic plutonic rocks
Felsic plutonic rocks, derived gneisses and migmatites
Metavolcanic and metasedimentary rocks

SUPERIOR AND SOUTHERN PROVINCES
NEO-TO MESOPROTEROZOIC
Felsic intrusive rocks
Mafic intrusive rocks
Volcanic and sedimentary rocks
PALEOPROTEROZOIC
Mafic intrusive rocks
Metasedimentary and metavolcanic rocks

SUPERIOR PROVINCE
ARCHEAN
NEO- TO MESOARCHEAN
Massive to foliated granodiorite to granite
Foliated to gneissic tonalite to granodiorite
Metasedimentary rocks and derived gneisses
Metavolcanic and metasedimentary rocks

MESOARCHEAN
Metavolcanic and metasedimentary rocks

[a] Phanerozoic units are lithostratigraphic, whereas Precambrian units are lithologic.

FIG.1: GENERAL LOCATION MAP

INTRODUCTION

During early 1997, Pelangio Larder Mines Limited commenced exploration work on its DN1 Property located in the West of Sunday Lake Area of Northern Ontario.

Work on this prospect consisted of detailed induced polarization surveying, magnetic surveying, and a preliminary diamond drill program to evaluate priority anomalies. This report will deal specifically with results from the diamond drilling program. A separate report by R. Meikle will present specific results and interpretation from the geophysical surveys.

Fairly extensive electromagnetic and magnetic surveys were carried out in the past on this project by previous operators. However, no induced polarization surveying was ever carried out on the DN1 property. As a result of Pelangio's exposure to exploration being carried out on its joint venture holdings to the south of the DN1, property it was known that induced polarization (I.P.) has become a very effective exploration technique in this area. To the south on the J.V. lands I. P. surveys have been very successful in delineating structures associated with gold mineralization. Consequently, this technique was initiated on the DN1 property.

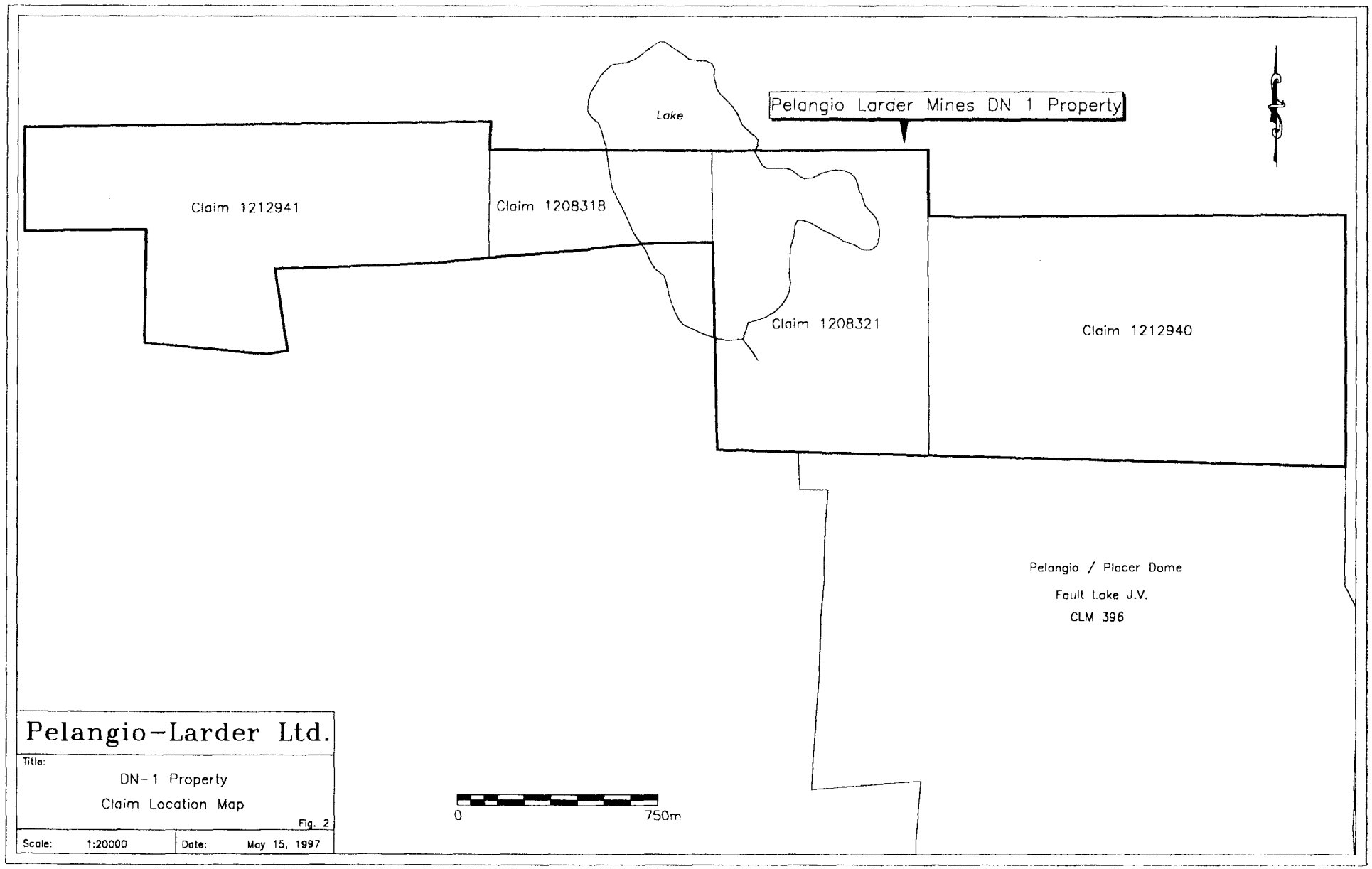
The first phase drill program on the DN1 property was conducted in April of 1996. A total of four holes were drilled (628 m.) to evaluate two induced polarization anomalies. These holes were designed to obtain more than one pierce point on the anomaly so that the anomalies could be evaluated along strike, and at depth to a limited extent.

All of the results from the drilling carried out to date on this prospect are discussed within the following sections of this report, as are the recommendations for further work.

PROPERTY, LOCATION AND ACCESS

The present DN1 claim block consists of four contiguous claims comprising 22 units. This project is located in the West of Sunday Lake Area of Northern Ontario, approximately 190 road km. northwest of Iroquois Falls, Ontario or approximately 10 km northeast of the Detour Lake Mine Site. (Figs.1 & 2).

Access to the property is attained by driving in a westerly direction along the Abitibi logging road from Iroquois Falls until it intersects the Detour Lake Mine road. One then travels in a northwesterly route along the mine road for approximately 150 km until the mine pump house road is intersected. At 0.5 km.


Lake
Pelangio Larder Mines DN 1 Property
Claim 1212941
Claim 1208318
Claim 1208321
Claim 1212940
Pelangio / Placer Dome
Fault Lake J.V.
CLM 396
0
750m
Pelangio-Larder Ltd.
Title:
DN-1 Property
Claim Location Map
Fig. 2
Scale: 1:20000
Date: May 15, 1997

beyond the intersection of the pump house road and the main mine road, there is a northerly trending drill road that intersects the southern property boundary 1km. north of the main mine road.

TOPOGRAPHY AND VEGETATION

This property is extremely low lying and primarily covered in spruce bog and shallow lakes. No outcrop is known to exist on the property.

PROPERTY HISTORY

Assessment file data and O.G.S. Report 199 show that the Detour Lake Area has been actively explored for both base metals and gold since the late 1950's. A renewed exploration effort was initiated with the discovery of gold at the Detour Lake Mine in 1978.

The subject property was owned and explored previously by both Noranda Exploration and Dome Exploration. The work done by Noranda and Dome is documented as follows:

Noranda Exploration (Asses. File T-1697):

In 1967 Noranda Exploration cut a control grid over the majority of the current subject property. They utilized this grid to carry out a vertical loop electromagnetic survey and magnetic survey. Noranda outlined a number of weak anomalies, but no drilling was carried out on these zones. The ground was allowed to lapse.

Dome Exploration (Asses. File T-2349):

In 1983 Dome carried out an electromagnetic survey and magnetic survey over the entire current subject property. Dome also drilled a single hole in what is now the central portion of claim 1212940. No significant gold mineralization was detected and the ground was allowed to lapse.

GENERAL AREA AND PROPERTY GEOLOGY

The last geological report and map of the Detour Lake Area was published by G.W. Johns(1982) on behalf of the Ontario Geological Survey (Report 199). A substantial amount of work has been carried out in the Detour Lake Area since this report was published. This work includes extensive diamond drilling and airborne

Pelangio

Pelangio - Larder Mines, Limited

Detour Lake Properties

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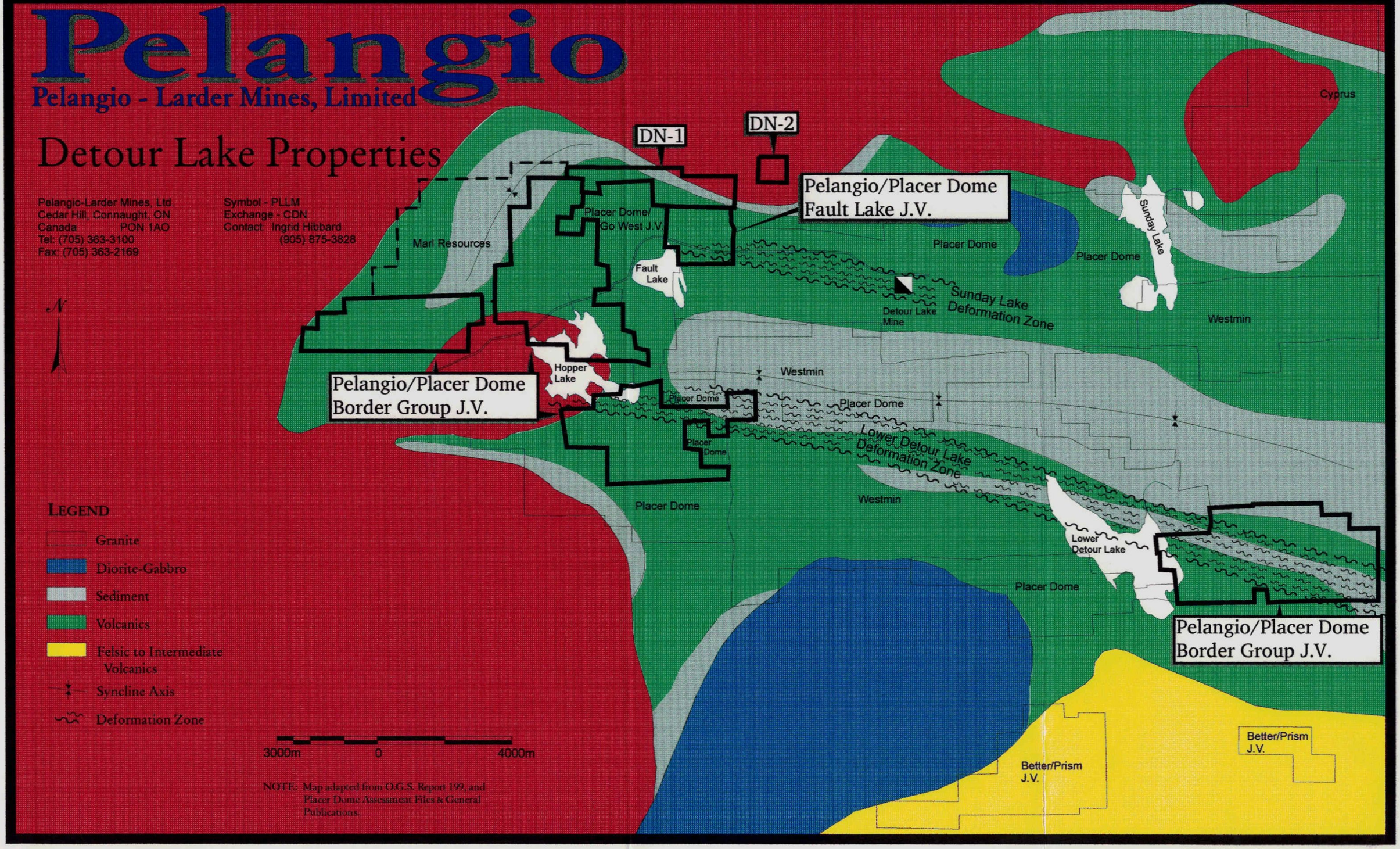


NOTE: Map adapted from O.G.S. Report 199, and Placer Dome Assessment Files & General Publications.

Fig. 2A - Detour Area Map

geophysical surveys. This author has taken data from assessment files showing this information and incorporated it into the data base provided by Johns. A modified version of Johns original geological map is shown in the accompanying Fig. 2A. This map provides a reasonable representation of the basic rock types and structure in the Detour Lake Area.

According to Johns (1982) the Detour Lake Area is part of the Early Precambrian Abitibi Belt of the Superior Province.

Johns has interpreted the lowest unit in the metavolcanic - metasedimentary sequence to be the felsic to intermediate metavolcanics. This unit appears to be overlain by a thin clastic metasedimentary unit which is in turn overlain by mafic to intermediate flows and pyroclastics. Lastly, Johns suggests that the mafics are overlain by a generalized unit containing in decreasing abundance; intermediate to felsic metavolcanics, mafic to intermediate metavolcanics and fine grained metasediments. This generalized sequence grades laterally to the northwest into metasediments which may have some mafic metavolcanic flows within the package. Within this generalized capping sequence, graphitic tuffs and metasediments, commonly with large amounts of associated sulphide mineralization, are common.

This volcanic sequence has been intruded by various intrusives ranging in composition from ultramafic to felsic. All of the aforementioned units were intruded by late diabase dykes.

Some general information on structure in the Detour Lake Area is also shown in the accompanying map. The most prominent feature is a major syncline axis running parallel to the strike of the sedimentary package in the central portion of Fig.2A. Further, work by Placer Dome and Newmont has shown that the greenstone belt extends further to the west. There is another sedimentary package here that makes up the centre of another syncline. Exploration work by Placer has shown that there are also two major deformation zones which strike parallel or subparallel to the main metasedimentary - metavolcanic contact as shown in Fig. 2A. These have been designated the Sunday Lake Deformation Zone and The Lower Detour Lake Deformation Zone.

The metavolcanic and metasedimentary rocks that underlie this area have undergone regional and contact metamorphism that ranges from upper greenschist to almandine-amphibolite facies rank.

From the general geology map Fig.2A the reader can see that the DN1 property lies along the extreme northern extremity of the greenstone belt. Like the vast majority of the Detour Lake Area this prospect has little to non existent rock

exposure, due to an extensive layer of glacial debris and muskeg. Limited drilling, and geophysical information suggest that all of the DN1 property is underlain by metavolcanics and metasediments with the exception of the extreme NE portion of the property. The NE portion of the property is underlain by a portion of a large felsic batholith which surrounds most of the greenstone belt at Detour.

DISCUSSION OF PROGRAM AND RESULTS

As stated previously, Pelangio has been privileged to on going exploration developments and current exploration techniques and concepts at Detour Lake because of its interest in joint venture lands just south of the DN1 property. (see Fig. 2, 2A). Recent work by Placer Dome on the Pelangio / Placer Dome JV has shown that induced polarization (I.P.) surveys are able to trace structures that are associated with gold mineralization. These structures sometimes have gold mineralization within them, or proximal to the structure contact, but within the hanging wall or footwall of the structure. Work by Placer Dome has also shown that the geometry of mineralized systems or zones proximal to, or within known structures have a westerly plunge. This plunge sometimes flattens at depth. Also, gold mineralization is sometimes associated with sulphides and quartz mineralization.

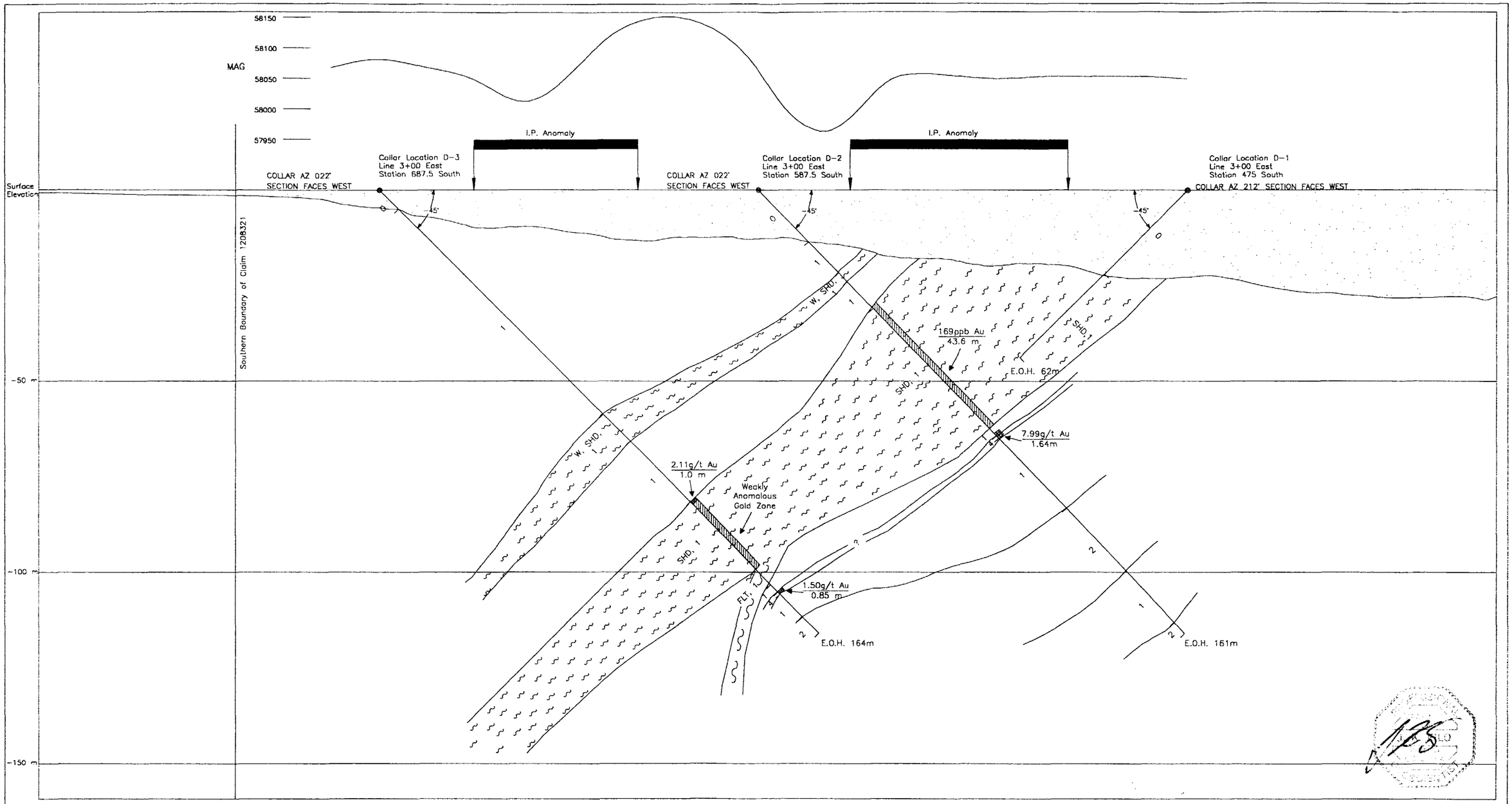
Consequently, because of extensive overburden cover on the DN1 property Pelangio opted to initiate an induced polarization survey over the entire property in an attempt to locate a structure or structures similar to that described above. A number of I.P. anomalies were located but priority was given to two anomalies in the extreme SW portion of the claim block. These have been designated the North Anomaly (N. Anomaly) and South Anomaly (S. Anomaly) as shown in Fig. 3. Both of these anomalies appear to coincide with weak electromagnetic anomalies detected by Noranda Exploration in 1967.

A drill program was designed to test both of these anomalies in more than one place if possible as the structure, or cause of the I.P. anomaly is usually intersected but a plunging ore chute could be easily missed by a single intercept point.

The results of the drill holes are as follows:

Hole D1, D2, & D3: (see Fig.3 & 5)

This hole was drilled at az. 202 degrees to test the N. Anomaly. It was abandoned at 62 metres as core angles suggested the hole was being drilled down



LEGEND

0 – CASING
1 – METABASALT
2 – MAFIC TUFF
3 – GABBRO
4 – QUARTZ VEIN
5 – FELSIC DYKE

– Anomalous Gold Zone
– Gold Zone
– Induced Polarization Anomaly

WEAKLY = W
SHEARED = SHD
FAULT ZONE = FLT

NOTE:
i) HOLES COMPLETED ON CLAIM 1208321
ii) Au IN g/tonne

20 0 30m

Pelangio-Larder Ltd.

DN-1 DRILL PROGRAM

TITLE:
Drill Section 300 E
Diamond Drill Holes D1, D2, & D3
Facing West

Fig. # 4

SCALE: 1:1000 | DATE: May 15, 1997

dip.

This hole was drilled at az. 022 degrees in a second attempt to test the N. Anomaly. The hole intersected a major shear zone designated the North Shear Zone from 43.5 to 87.1 metres. This sheared metabasalt is thought to be the cause of the induced polarization anomaly as it contained about 1-2% fine disseminated pyrite; it also marks the start of a distinct decrease it magnetic values. The shear likely has a lower magnetic susceptibility. The shear zone contained a number of grey sheared feldspar porphyritic dykes and substantial reddish brown mica.

Very highly anomalous gold mineralization is found within this shear zone from 43.5 to 48m. A 1 metre section within this highly anomalous zone assayed 1.272 g/t Au from 47 to 48 m. The entire shear zone from 43.5 to 87.1 m (43.6 m.) was also considered geochemically anomalous as it assayed 169 ppb gold.

In the footwall of the North Shear a quartz vein from 89.73 - 90.64 m. with pyrite, minor chalcopyrite and visible gold assayed 13.029 g/t Au over 0.91m. Wall rock on the hangingwall side of the vein from 89-89.73 m. assayed 2.057 g/t Au; minor quartz stringers are associated with this section of wall rock. The entire interval from 89.73 to 90.64 m averaged 7.99 g/t Au over 1.64m.

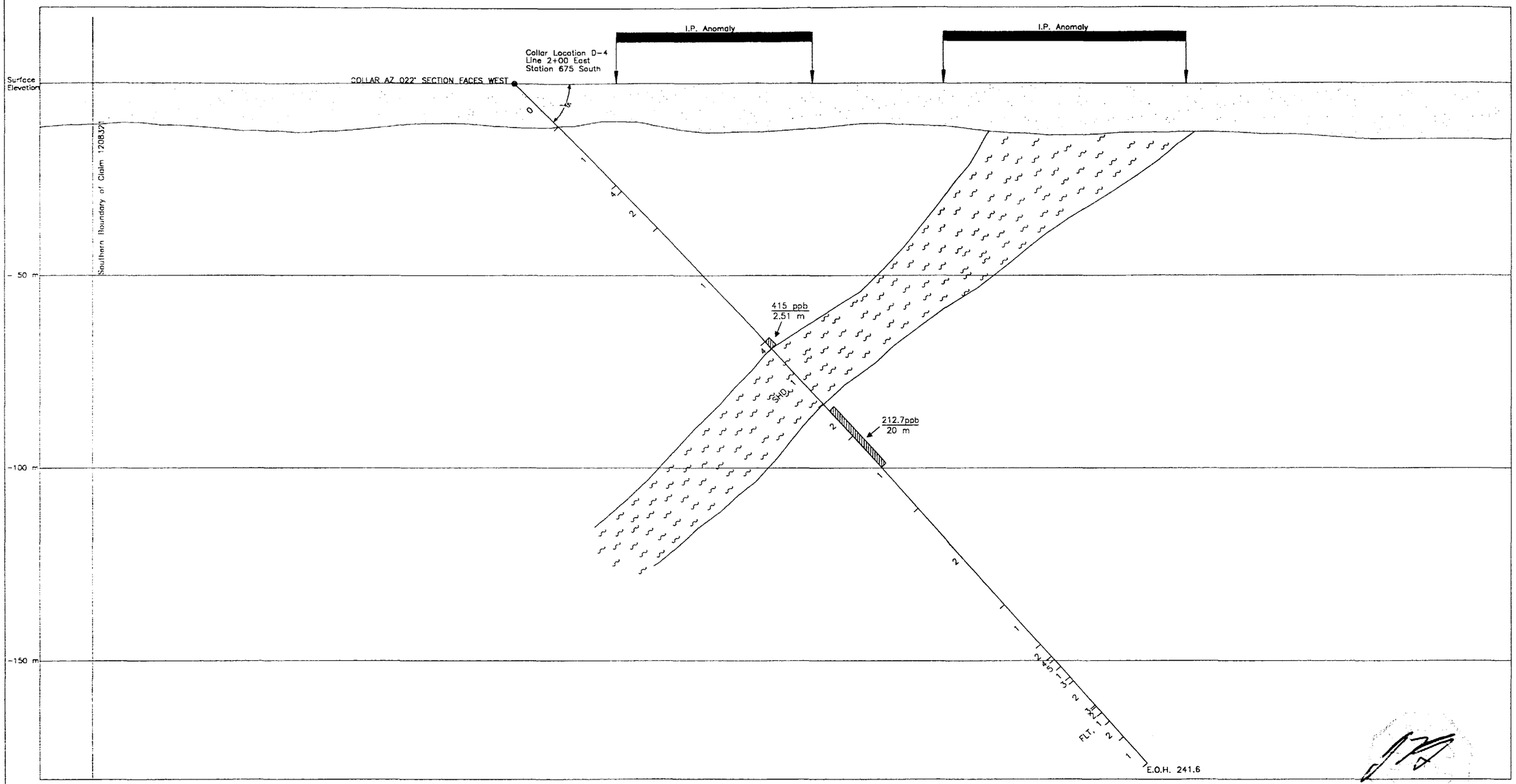
Hole D3 was collared 100 m. behind D2 on the same grid line and drilled along at the same az. to evaluate the S. Anomaly and further evaluate the North Shear Zone at depth. This hole failed to intersect the cause of the S. Anomaly.

The hole did however intersect the North Shear Zone from 115.5 to 140.5. Once again the first metre or two of the North Shear Zone was highly anomalous in gold. A short section from 115.5 to 116.5 assayed 2.11 g/t Au over a metre. The shear zone was once again also weakly anomalous over its entire length. Also, within the shear zone there were a few elevated values up to 0.882 g/t Au over 0.5 m.; this mineralization is associated with an increase in quartz. Further, a vein was once again intersected in the footwall of the shear; this vein assayed 1.5 g/t over 0.85 m.; this value was not quite as high as a similar vein intersected in D2.

Upon completion of Holes D2 and D3 it is readily apparent that the North Shear Zone has a shallow southerly dip of approximately 45 degrees to the southwest. The strike of the shear probably parallels the induced polarization anomaly, and thus it is anticipated to strike at roughly at 122 degrees az.

Hole D4 (see Fig.3 & 6):

This hole was drilled 100 m. east of the first section of holes on a parallel az. of 022 degrees. The purpose of this hole was to test S. Anomaly along strike once



LEGEND

0 – CASING
1 – METABASALT
2 – MAFIC TUFF
3 – GABBRO
4 – QUARTZ VEIN
5 – FELSIC DYKE

WEAKLY = W
SHEARED = SHD
FAULT ZONE = FLT

NOTE:
i) HOLES COMPLETED ON CLAIM 1208321
ii) Au IN g/tonne

– Anomalous Gold Zone
– Gold Zone
– Induced Polarization Anomaly

20 0 30m

Pelangio-Larder Ltd.

DN-1 DRILL PROGRAM

TITLE:
Drill Section 200 E
Diamond Drill Hole D4
Facing West

Fig. # 5

SCALE: 1:1000 | DATE: May 15, 1997

again and test the North Shear Zone again along strike and at depth.

This hole intersected a quartz vein from 37.25 - 39.42 m in contact with a metamorphosed mafic tuff ?? unit. Both the vein and tuff unit were well mineralized with pyrite 1-2% in the vein and 2-3% disseminated pyrite in the tuff. This section was thought to be the cause of the S. Anomaly. Very weak anomalous gold values were found in the vein.

This hole intersected the North Shear Zone once again from 95.85 to 115.4 m. The shear zone was intersected somewhat earlier than anticipated suggesting that the shear may have been faulted in a southerly direction at depth. A quartz vein is present on the hanging wall of the shear from 93.34 - 95.85, and this vein contained some anomalous gold values. The best value was 1.165 g/t Au over 0.65 m. from 94.45 - 95.10.

Gold values in the shear were once again weakly anomalous over the entire shear, but somewhat less anomalous than holes D2 and D3. However, a section of core proximal to the lower shear contact , but within the footwall of the shear in Hole D3 was very encouraging, as it was highly anomalous. This footwall zone may be related to the narrow high grade section found in hole D2. The anomalous D3 footwall zone from 118-138 m. assayed 212.7 ppb over 20m. This anomalous zone was hosted in what has been designated a mafic tuff? and a metabasalt.

CONCLUSIONS AND RECOMMENDATIONS

Pelangio Larder Mines Limited has recently completed a four hole (628 m.) program of diamond drilling on its DN1 property in the West of Sunday Lake Area of Northern Ontario, a few km. west of the Detour Lake Mine.

The purpose of this program was to evaluate two priority induced polarization targets known as the S. Anomaly and the N. Anomaly. A major shear zone is the interpreted cause of the N. Anomaly; this shear has been designated the North Shear Zone. Gold values are found to be associated along the hanging wall contact of this shear, within the shear, and in the footwall of the shear proximal to the lower shear contact. Both the shear and the anomaly have a strike orientation of 112 degrees az. The N. Anomaly induced polarization anomaly has a known strike length of 1100 m.; from preliminary information there is a very good chance that the North Shear Zone has a similar strike length. Limited data to date suggests the shear has a shallow southerly dip of approximately 45 degrees.

The best gold value from the entire program was from a quartz vein and wall rock associated with the vein. This section from hole D2 at 89.73-90.64 m. assayed

7.99 g/t Au over 1.64m. This higher grade section was found in the footwall of the North Shear proximal to the lower contact. Significant anomalous values were also found across the entire shear in hole D2 and D3, core lengths of 43.6 m. and 24.75 m. respectively. Further, in hole D4 a significant anomalous zone was found in the footwall of the North Shear from 118 to 138 m. This section assayed 212.7 ppb Au over 20 m. This zone may possibly correlate with the high grade material found in hole D2.

No significant values were found associated with the S. Anomaly. The cause of the anomaly appeared to be a vein and mineralized tuff unit.

In light of the excellent results obtained from a very preliminary drilling program on the DN 1 property the following program is recommended:

1) Carry out a series of widely spaced shallow drill holes along the entire N. Anomaly to further evaluate if the North Shear Zone and associated gold values are present.

2) Drill some follow up holes along strike and at depth adjacent to known mineralized sections detected during the phase 1 drilling.

3) Drill test other lower priority anomalies with a signature similar to that found on the N. Anomaly.

Respectfully Submitted,

J. K. Filo, P.Geo.

BIBLIOGRAPHY

Johns, G.W.

1982: Geology of the Burntbush-Detour Lake Area, District of Cochrane; Ontario Geological Survey Report 199, 82p. Accompanied by Map 2453, Scale 1:100,000.

Various assessment files for the Detour Lake and West of Sunday Lake Areas on file at the residents geologist office in Timmins Ontario.

CERTIFICATE

I, J. K. Filo of 535 Bartleman St. of the City of Timmins, Ontario do hereby certify:

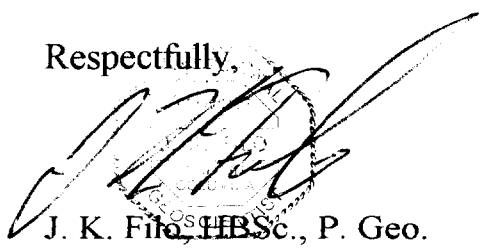
1) I am personally responsable for all of the geological work carried out on the Pelangio Larder Mines DN1 property during the course of the recent drill program. Also, I have written this follow up report and made recommendations after a review of all the pertinent data.

2) I have no interest in the DN1 property, nor do I expect to receive any in the future, other than my professional fee. I personally control a minor share position in Pelangio Larder Mines and have some share options.

3) I hold an Honours BSc. degree in Geology (1980) from Laurentian University in Sudbury Ontario, and I am a member in good standing with the Association of Professional Engineers and Gesoscientists of B. C. (Reg. No. 18677)

4) I further certify that I have been practicing my profession as both an exploration and mining geologist continuously for the past seventeen years. In the past I have been employed by various exploration and mining companies in Canada, Mexico and SE Asia. Some of these companies include Texasgulf Exploration Inc., Cominco, Amax Exploration, Giant Yellowknife Mines (Pamour Division), Placer Dome Exploration, Freeport McMoran, and various junior mining companies.

Respectfully,



J. K. Filo, HBSc., P. Geo.

Appendix 1: Copy of Original Assay Certificates

ITS Intertek Testing Services

Chimitec Bondar Clegg

Certificate of Analysis

CLIENT: PELANGIO LARDER MINES
REPORT: T97-57180.0 (COMPLETE)

PROJECT: DN-1
DATE PRINTED: 8-MAY-97 PAGE 1

SAMPLE NUMBER	ELEMENT UNITS	Au30 PPB
662148		9
662149		11
662150		10
662151		5
662152		11
662153		10
662154		23
662155		14
662156		12
662157		20
662158		13
662159		18
662160		21
662161		104
662162		43
662163		8
662164		16
662165		87
662166		16
662167		<5
662168		7
662169		<5
662170		<5
662171		<5
662172		17
662173		112
662174		572

ITS - Bondar Clegg
5450 Canotek Road Unit 47-50, Ottawa, Ontario, K1J 9G5
Tel: (613) 749-2220, Fax: (613) 749-7170

ITS Intertek Testing Services
Chimitec Bondar Clegg

Certificate of Analysis

CLIENT: PELANGIO LARDER MINES
REPORT: T97-57186.0 (COMPLETE)

PROJECT: DN-1
DATE PRINTED: 8-MAY-97 PAGE 1

SAMPLE NUMBER	ELEMENT UNITS	Au30 PPB
662175		216
662176		187
662177		1272
662178		151
662179		62
662180		78
662181		75
662182		22
662183		15
662184		56
662185		156
662186		119
662187		39
662188		79
662189		47
662190		47
662191		47
662192		127
662193		167
662194		109
662195		15
662196		34
662197		<5
662198		8
662199		<5
662200		<5
662201		<5
662202		<5
662203		6
662204		15
662205		6
662206		53
662207		23
662208		78
662209		39
662210		25
662211		44

ITS - Bondar Clegg
5450 Canotek Road Unit 47-50, Ottawa, Ontario, K1J 9G5
Tel: (613) 749-2220, Fax: (613) 749-7170

ITS Intertek Testing Services
Chimitec Bondar Clegg

Certificate of Analysis

CLIENT: PELANGIO LARDER MINES
REPORT: T97-57187.0 (COMPLETE)

PROJECT: DN-1
DATE PRINTED: 8-MAY-97 PAGE 1

SAMPLE NUMBER	ELEMENT UNITS	Au30 PPB
662212		<5
662213		<5
662214		28
662215		14
662216		22
662217		73
662218		62
662219		2057
662220		13029
662221		51
662222		18
662223		113
662224		28
662225		41
662226		22
662227		32
662228		38
662229		39
662230		48
662231		72
662232		30

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Intertek Testing Services
Chimitec Bondar Clegg

Geochemical Lab Report

CLIENT: PELANGIO LARDER MINES
REPORT: T97-57191.0 (COMPLETE)

PROJECT: DN-1
DATE PRINTED: 21-APR-97 PAGE 1

SAMPLE NUMBER	ELEMENT UNITS	Au30 PPB	SAMPLE NUMBER	ELEMENT UNITS	Au30 PPB
662233		16	662273		42
662234		25	662274		<5
662235		40	662275		38
662236		13	662276		6
662237		77	662277		10
662238		55			
662239		8			
662240		38			
662241		97			
662242		100			
662243		128			
662244		38			
662245		31			
662246		19			
662247		18			
662248		12			
662249		<5			
662250		14			
662251		<5			
662252		10			
662253		<5			
662254		6			
662255		<5			
662256		<5			
662257		<5			
662258		5			
662259		<5			
662260		<5			
662261		<5			
662262		<5			
662263		<5			
662264		13			
662265		<5			
662266		<5			
662267		<5			
662268		<5			
662269		<5			
662270		<5			
662271		6			
662272		23			

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Geochemical Lab Report

CLIENT: PELANGIO LARDER MINES
REPORT: T97-57199.0 (COMPLETE)

PROJECT: DN-1
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SAMPLE NUMBER	ELEMENT UNITS	Au30 PPB
662278		6
662279		9
662280		9
662281		8
662282		362
662283		18
662285		14
662286		9
662287		11
662288		124
662289		13
662290		19
662291		13
662292		13
662293		15
662294		12
662295		9
662296		12
662297		10
662298		5
662299		6
662300		15
662301		11
662302		32
662303		15
662304		22

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CLIENT: PELANGIO LARDER MINES
REPORT: T97-57201.0 (COMPLETE)

PROJECT: DN-1
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SAMPLE NUMBER	ELEMENT UNITS	Au30 PPB
662305		5
662306		<5
662307		6
662308		7
662309		<5
662310		<5
662311		8
662312		<5
662313		6
662314		7
662315		12
662316		14
662317		<5
662318		<5
662319		5
662320		6
662321		<5
662322		8
662323		16
662324		10
662325		20
662326		15
662327		16
662328		12
662329		6
662330		6
662331		<5
662332		14
662333		9
662334		21
662335		13
662336		28
662337		21
662338		7
662339		11
662340		<5
662341		<5

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CLIENT: PELANGIO LARDER MINES
REPORT: T97-57211.0 (COMPLETE)

PROJECT: DN-1
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SAMPLE NUMBER	ELEMENT UNITS	Au30 PPB
662342		6
662343		13
662344		7
662345		<5
662346		6
662347		9

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Geochemical Lab Report

CLIENT: PELANGIO LARDER MINES
REPORT: T97-57202.0 (COMPLETE)

PROJECT: DN-1
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SAMPLE NUMBER	ELEMENT UNITS	Au30 PPB
662348		71
662349		2565
662350		1666
662351		343
662352		32
662353		51
662354		37
662355		243
662356		76
662357		18
662358		22
662359		15
662360		15
662361		53
662362		856
662363		77
662364		882
662365		21
662366		23
662367		42
662368		6
662369		15
662370		14
662371		34
662372		196
662373		124
662374		46
662375		102

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REPORT: T97-57205.0 (COMPLETE)

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SAMPLE NUMBER	ELEMENT UNITS	Au30 PPB
662376		88
662377		54
662378		169
662379		55
662380		230
662381		59
662382		314
662383		570
662384		54
662385		75
662386		159
662387		12
662388		83
662389		275
662390		62
662391		123
662392		106
662393		284
662394		121
662395		2443
662396		219
662397		258
662398		794
662399		12
662400		7
662401		8
662402		13
662403		14
662404		8
662405		178
662406		41
662407		8
662408		1505
662409		23

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PROJECT: DN-1
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SAMPLE NUMBER	ELEMENT UNITS	Au30 PPB
662410		22
662411		25
662412		20
662413		39
662414		84
662415		60
662416		193
662417		25
662418		8
662419		23
662420		32
662421		9
662422		29
662423		16
662424		48
662425		31
662426		57
662427		94
662428		137
662429		53
662430		50
662431		44
662432		94
662433		5
662434		<5
662435		12
662436		<5

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SAMPLE NUMBER	ELEMENT UNITS	Au30 PPB
662437		<5
662438		<5
662439		6
662440		5
662441		<5
662442		8
662443		9
662444		8
662445		<5
662446		8
662447		13
662448		43
662449		82
662450		162
662451		54
662452		44
662453		10
662454		<5
662455		6
662456		7
662457		<5
662458		43
662459		<5
662460		<5
662461		5
662462		5
662463		<5
662464		7
662465		<5
662466		<5
662467		<5
662468		8
662469		<5

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REPORT: T97-57218.0 (COMPLETE)

PROJECT: DN-1
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SAMPLE NUMBER	ELEMENT UNITS	Au30 PPB
662470		14
662471		13
662472		22
662473		10
662474		7
662475		18
662476		9
662477		18
662478		9
662479		10
662480		10
662481		9
662482		<5
662483		15
662484		13
662485		13
662486		8
662487		8
662488		9
662489		10
662490		10
662491		18
662492		14
662493		9

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REPORT: T97-57222.0 (COMPLETE)

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SAMPLE NUMBER	ELEMENT UNITS	Au30 PPB	SAMPLE NUMBER	ELEMENT UNITS	Au30 PPB
662494		6	662534		151
662495		12	662535		321
662496		<5	662536		95
662497		58	662537		144
662498		95	662538		18
662499		187	662539		30
662500		1165	662540		21
662501		125	662541		5
662502		30	662542		11
662503		119	662543		43
662504		10	662544		29
662505		5	662545		227
662506		5			
662507		9			
662508		23			
662509		17			
662510		5			
662511		14			
662512		14			
662513		24			
662514		35			
662515		21			
662516		28			
662517		29			
662518		51			
662519		27			
662520		6			
662521		20			
662522		43			
662523		39			
662524		66			
662525		32			
662526		71			
662527		29			
662528		8			
662529		5			
662530		9			
662531		12			
662532		18			
662533		43			

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SAMPLE NUMBER	ELEMENT UNITS	Au30 PPB
662546		116
662547		158
662548		179
662549		261
662550		244
662551		186
662552		325
662553		192
662554		146
662555		86
662556		499
662557		343
662558		329
662559		259
662560		213
662561		127
662562		94
662563		133
662564		130
662565		36
662566		74
662567		125
662568		16
662569		31
662570		38
662571		41
662572		249
662573		107
662574		111
662575		69
662576		44
662577		48
662578		24
662579		60
662580		34
662581		51
662582		43
662583		52
662584		89
662585		39

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PROJECT: DN-1
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SAMPLE NUMBER	ELEMENT UNITS	Au30 PPB
662586		24
662587		46
662588		96
662589		100
662590		66
662591		55
662592		24
662593		111
662594		86
662595		42
662596		34
662597		26
662598		60
662599		16
662600		11
662601		15
662602		13
662603		13
662604		7
662605		27
662606		14
662607		25
662608		6
662609		<5
662610		9
662611		6
662612		<5
662613		6
662614		9
662615		<5
662616		7
662617		<5
662618		8
662619		<5
662620		12
662621		10
662622		27
662623		15
662624		30

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PROJECT: DN-1
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SAMPLE NUMBER	ELEMENT UNITS	Au30 PPB	SAMPLE NUMBER	ELEMENT UNITS	Au30 PPB
662625		189	662665		15
662626		10	662666		<5
662627		11	662667		<5
662628		11	662668		10
662629		6	662669		8
662630		8	662670		12
662631		<5	662671		16
662632		6	662672		36
662633		6	662673		28
662634		6	662674		25
662635		9	662675		163
662636		<5	662676		7
662637		11			
662638		10			
662639		9			
662640		10			
662641		24			
662642		7			
662643		<5			
662644		6			
662645		7			
662646		<5			
662647		27			
662648		25			
662649		20			
662650		17			
662651		15			
662652		7			
662653		8			
662654		9			
662655		33			
662656		15			
662657		16			
662658		6			
662659		6			
662660		<5			
662661		9			
662662		11			
662663		6			
662664		6			

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REPORT: T97-57180.1 (COMPLETE)
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SAMPLE NUMBER	ELEMENT UNITS	WT+150 Gr.	WT-150 Gr.	AU+150 G/T	AU DUP G/T	AU DUP G/T	AU-150 G/T	AU AVG G/T
662161		43.79	2438.9	0.06	0.11	0.11	0.11	0.11
662173		36.67	850.3	0.13	0.28	0.15	0.22	0.21
662174		41.81	2340.8	1.59	0.50	0.40	0.45	0.47

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REPORT: T97-57186.1 (COMPLETE)

PROJECT: DN-1
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SAMPLE NUMBER	ELEMENT UNITS	WT+150 Gr.	WT-150 Gr.	AU+150 G/T	AU DUP G/T	AU DUP G/T	AU-150 G/T	AU AVG G/T
662175		42.98	2997.2	8.18	0.27	0.29	0.28	0.39
662176		48.28	2111.1	0.18	0.25	0.26	0.26	0.25
662177		44.80	2664.6	7.13	0.77	0.71	0.74	0.85
662178		42.33	2286.8	0.17	0.14	0.14	0.14	0.14
662179		45.47	2166.0	0.08	1.71	0.07	0.89	0.87
662185		44.60	2714.6	0.26	0.20	0.34	0.27	0.27
662186		46.51	2743.2	0.08	0.07	0.09	0.08	0.08
662187		44.18	2392.1	0.05	0.04	0.05	0.04	0.04
662188		42.29	2700.8	0.05	0.07	0.05	0.06	0.06
662189		53.21	2123.2	0.06	0.07	0.07	0.07	0.07
662190		49.05	2692.4	0.04	0.07	0.06	0.06	0.06
662191		47.16	2525.0	0.04	0.09	0.05	0.07	0.07
662192		46.96	2727.3	0.08	0.10	0.10	0.10	0.10
662193		46.65	2535.1	0.10	0.15	0.15	0.15	0.15
662194		46.70	2738.9	0.09	0.11	0.12	0.11	0.11

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REPORT: T97-57187.1 (COMPLETE)

PROJECT: DN-1
DATE PRINTED: 2-MAY-97 PAGE 1

SAMPLE NUMBER	ELEMENT UNITS	WT+150 Gr.	WT-150 Gr.	AU+150 G/T	AU DUP G/T	AU DUP G/T	AU-150 G/T	AU AVG G/T
662217		48.16	2231.3	0.05	0.09	0.08	0.08	0.08
662218		46.03	2721.7	0.11	0.09	0.09	0.09	0.09
662219		50.79	1921.8	16.28	2.38	2.56	2.47	2.82
662220		48.84	2219.3	15.42	11.26	12.30	11.78	11.86
662221		44.81	3260.0	0.05	0.06	0.08	0.07	0.07
662222		45.60	3100.4	0.04	0.04	0.04	0.04	0.04
662223		45.87	3800.0	0.11	0.14	0.16	0.15	0.15

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PROJECT: DN-1
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SAMPLE NUMBER	ELEMENT UNITS	WT+150 Gr.	WT-150 Gr.	AU+150 G/T	AU DUP G/T	AU DUP G/T	AU-150 G/T	AU AVG G/T
662233		32.49	4170.0	0.02	0.02	0.01	0.01	0.01
662234		39.14	4320.0	0.03	0.03	0.02	0.03	0.03
662235		37.39	3570.0	0.05	0.05	0.05	0.05	0.05
662236		44.78	4970.0	0.04	0.03	0.04	0.04	0.04
662237		38.23	4150.0	0.42	0.22	0.16	0.19	0.19
662238		40.57	4350.0	0.06	0.08	0.07	0.07	0.07
662239		39.65	4270.0	0.02	0.03	0.01	0.02	0.02
662240		44.09	4550.0	0.06	0.03	0.05	0.04	0.04
662241		36.34	4100.0	0.09	0.06	0.07	0.06	0.07
662242		39.88	4200.0	0.11	0.12	0.11	0.12	0.12
662243		47.03	3930.0	0.16	0.11	0.12	0.12	0.12

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SAMPLE NUMBER	ELEMENT UNITS	WT+150 Gr.	WT-150 Gr.	AU+150 G/T	AU DUP G/T	AU DUP G/T	AU-150 G/T	AU AVG G/T
662282		31.09	1200.0	0.31	0.37	0.37	0.37	0.37

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SAMPLE NUMBER	ELEMENT UNITS	WT+150 Gr.	WT-150 Gr.	AU+150 G/T	AU DUP G/T	AU DUP G/T	AU-150 G/T	AU AVG G/T
662387		37.58	1170.0	0.01	0.02	0.03	0.03	0.03
662388		41.07	1290.0	0.07	0.08	0.09	0.08	0.08
662389		42.60	1080.0	0.12	0.17	0.67	0.42	0.41
662390		37.34	1480.0	0.06	0.11	0.07	0.09	0.09
662391		40.60	1150.0	0.13	0.18	0.18	0.18	0.18
662392		33.84	1210.0	0.15	0.17	0.19	0.18	0.18
662393		42.22	1160.0	0.25	0.31	0.24	0.27	0.27
662394		41.50	930.0	0.09	0.20	0.19	0.20	0.19
662395		41.32	1240.0	0.96	1.32	1.30	1.31	1.30
662396		38.30	1520.0	0.42	0.49	0.94	0.72	0.71
662397		38.91	760.0	0.33	0.44	0.43	0.43	0.43
662398		35.70	3670.0	2.08	0.47	0.83	0.65	0.66
662399		35.43	2250.0	0.03	0.03	0.01	0.02	0.02

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SAMPLE NUMBER	ELEMENT UNITS	WT+150 Gr.	WT-150 Gr.	AU+150 G/T	AU DUP G/T	AU DUP G/T	AU-150 G/T	AU AVG G/T
662449		45.67	1485.8	0.06	0.09	0.09	0.09	0.09
662450		45.14	1018.5	0.14	0.18	0.17	0.18	0.18
662451		48.91	1050.5	0.06	0.08	0.08	0.08	0.08
662452		46.52	723.5	0.06	0.13	0.09	0.11	0.10

ITS - Bondar Clegg
5450 Canotek Road Unit 47-50, Ottawa, Ontario, K1J 9G5
Tel: (613) 749-2220, Fax: (613) 749-7170

Appendix 2: Copy of Receipts for Project

Bradley Bros. Limited

INVOICE

Date: April 15, 1997

Invoice No.: 000566

Page: 2 of 3

Job: T1730

To: PELANGIO LARDER MINES LIMITED
Cedar Hill
Connaught Hill, Ontario
P0N 1A0

DETOUR LAKE AREA			
From April 1 to 15, 1997			
Cost to open roads -			
April 3 - 6 tractor hrs - 6 man hrs			
April 6 - 3 tractor hrs - 3 man hrs			
9 tractor hrs - 9 man hrs			
	9.00 tractor hours	$58.00	$522.00
	9.00 man hours	36.00	324.00
Cost to move in to first hole -	33.00 man hours		
less	24.00 man hours		
	9.00 man hours	36.00	324.00
No charge:	5.00 tractor hours		
	1.00 muskeg hour	50.00	50.00
Cost for waterline			
D-2 at 800 m	4.00 man hours	36.00	144.00
	1.00 tractor hour	58.00	58.00
Propane (100 lbs)	3.00 100 lbs	48.00	144.00
D-3 at 900 m	12.00 man hours	36.00	432.00
Propane (100 lbs)	3.00 100 lbs	48.00	144.00
D-4 at 914 m	10.00 man hours	36.00	360.00
	3.00 muskeg hours	50.00	150.00
	1.00 tractor hour	58.00	58.00
Propane (100 lbs)	3.00 100 lbs	48.00	144.00
Muds used -			
D-1 -			
OBC Polydrill	20.00 litres	7.50	150.00
133X Polydrill	20.00 litres	7.50	150.00
D-2 -			
OBC Polydrill	15.00 litres	7.50	112.50
133X Polydrill	15.00 litres	7.50	112.50

G.S.T.: #R140192204 Q.S.T.: #1017522805

CONTRACT DIAMOND DRILLING
98, 14th Street • P.O. Box 2367 • Rouyn-Noranda, Quebec J9X 5A9 CANADA
Tel.: (819) 797-0755 • Fax: (819) 797-0916

Bradley Bros. Limited

INVOICE

Date: April 15, 1997

Invoice No.: 000566

Page: 1 of 3

Job: T1730

To: PELANGIO LARDER MINES LIMITED
Cedar Hill
Connaught Hill, Ontario
P0N 1A0

Hole No.					
	DETOUR LAKE AREA From April 1 to 15, 1997				
	Mobilization				$1,000.00
			N Core		
D-1	0.00	15.00	15.00 metres piping	53.00	795.00
	15.00	30.00	15.00 metres piping	58.00	870.00
	30.00	31.00	1.00 metre piping	68.00	68.00
	31.00	62.00	31.00 metres	53.00	1,643.00
D-2	0.00	15.00	15.00 metres piping	53.00	795.00
	15.00	19.00	4.00 metres piping	58.00	232.00
	19.00	161.00	142.00 metres	53.00	7,526.00
D-3	0.00	7.00	7.00 metres piping	53.00	371.00
	7.00	164.00	157.00 metres	53.00	8,321.00
D-4	0.00	15.00	15.00 metres piping	53.00	795.00
	15.00	16.00	1.00 metre piping	58.00	58.00
	16.00	242.00	226.00 metres	53.00	11,978.00
	Casing left in hole -				
	D-2 -				
	NW casing		19.00 metres	52.00	988.00
	NW casing shoe		1.00	280.00	280.00
	D-3 -				
	NW casing		7.00 metres	52.00	364.00
	NW casing shoe		1.00	280.00	280.00
	D-4 -				
	NW casing		16.00 metres	52.00	832.00
	NW casing shoe		1.00	280.00	280.00
	Cost to pull casing -				
	D-1 -		3.00 man hours	36.00	108.00
			1.00 machine hour	25.00	25.00

G.S.T.: #R140192204 Q.S.T.: #1017522805

CONTRACT DIAMOND DRILLING
98, 14th Street • P.O. Box 2367 • Rouyn-Noranda, Quebec J9X 5A9 CANADA
Tel : (819) 797-0755 • Fax: (819) 797-0916

Bradley Bros. Limited

INVOICE

Date: April 15, 1997

Invoice No.: 000566

Page: 3 of 3

Job: T1730

To: PELANGIO LARDER MINES LIMITED
Cedar Hill
Connaught Hill, Ontario
P0N 1A0

DETOUR LAKE AREA

From April 1 to 15, 1997

D-3 -			
OBC Polydrill	10.00 litres	$7.50	$75.00
133X Polydrill	10.00 litres	7.50	75.00
D-4 -			
OBC Polydrill	20.00 litres	7.50	150.00
133X Polydrill	20.00 litres	7.50	150.00
Sperry Sun Tests -			
D-1 - 62 m	0.50 hour	95.00	47.50
D-2 - 74-140 m	1.00 hour	95.00	95.00
D-3 - 86-164 m	1.00 hour	95.00	95.00
D-4 - 125-242 m	1.00 hour	95.00	95.00
Sperry Sun Rental	9.00 days	71.43	642.87
Trays supplied -	175.00 N Core	6.25	1,093.75
			$43,507.12
		G.S.T.	3,045.50
			$46,552.62

April 24/97 -
Cheque # M15.

G.S.T.: #R140192204 Q.S.T.: #1017522805

CONTRACT DIAMOND DRILLING
98, 14th Street • P.O. Box 2367 • Rouyn-Noranda, Quebec J9X 5A9 CANADA
Tel: (819) 797-0755 • Fax: (819) 797-0916

INVOICE

FILO EXPLORATION SERVICES LIMITED
535 BARLEMAN ST
TIMMINS ONTARIO, P4N 4X2

OUR NUMBER 136929
DATE MAY 31/97
CUSTOMER'S ORDER

SOLD TO PELANGIO LARDER MINES
ADDRESS CEDAR HILL CONNAUGHT
ONTARIO
P4N4X2

SHIP TO
ADDRESS

TAX REG. NO. GST 126085349RT | SALESMAN | F.O.B | TERMS | VIA

QUANTITY	DESCRIPTION	PRICE	AMOUNT
	FINAL GEOLOGICAL REPORT FOR		
	DNI PROJECT DRILLING, DETOUR		
	LAKE AREA N. ONTARIO		
			2490 00
	GST @ 7%		174 30
	TOTAL		2664 30

BLUELINE DC31

INVOICE

OUR NUMBER	136927
DATE	[illegible]
CUSTOMER'S ORDER	

[illegible]

SOLD TO	[illegible]
ADDRESS	[illegible]
SHIP TO	
ADDRESS	

TAX REG. NO.	SALESMAN	F.O.B	TERMS	VIA
GST 126605534 RT				

QUANTITY	DESCRIPTION	PRICE		AMOUNT	
	Geological Services Data Report			[illegible]	[illegible]
	(See attached for details)	GST		[illegible]	[illegible]
		Total		8980	71

[illegible signature]

BLUELINE DC31

ITS **Intertek Testing Services**
Chimitec **Bondar Clegg**

1322B rue Harricana
Val d'Or (Québec) J9P 5X6
TÉL: (819) 825-0178
FAX: (819) 825-0256

PELANGIO LARDER MINES
MR KEVIN FILO
535, BARTLEMAN STREET
TIMMINS, ONTARIO
P4N 4X2

Invoice : 0187859, Page 1
Date : 7-MAY-97
Report No: T97-57231.0
Project : DN-1
Reference: -

52 Analyses of Gold	at $ 6.50	$ 338.00	
Subtotal		$ 338.00	$ 338.00
Sample Preparation			
52 Samples of CRUSH, SPLIT	at $ 3.50	$ 182.00	
52 Samples of PULVERIZATION	at $ 1.00	$ 52.00	
Subtotal		$ 234.00	$ 234.00
Miscellaneous Charges			
Tax GST #R100576693		$ 40.04	
Subtotal		$ 40.04	$ 40.04
Invoice Total:			$ 612.04 Can.

ITS **Intertek Testing Services**
Chimitec **Bondar Clegg**

1322B rue Harricana
Val d'Or (Québec) J9P 5X6
TÉL: (819) 825-0178
FAX: (819) 825-0256

Invoice : 0187858, Page 1

PELANGIO LARDER MINES
MR KEVIN FILO
535, BARTLEMAN STREET
TIMMINS, ONTARIO
P4N 4X2

Date : 7-MAY-97

Report No: T97-57226.0
Project : DN-1
Reference: -

39 Analyses of Gold	at $ 6.50	$ 253.50	
Subtotal		$ 253.50	$ 253.50
Sample Preparation			
39 Samples of CRUSH, SPLIT	at $ 3.50	$ 136.50	
39 Samples of PULVERISATION	at $ 1.00	$ 39.00	
Subtotal		$ 175.50	$ 175.50
Miscellaneous Charges			
Tax GST #R100576693		$ 30.03	
Subtotal		$ 30.03	$ 30.03
Invoice Total:			$ 459.03 Can.

ITS **Intertek Testing Services**
Chimitec **Bondar Clegg**

1522B rue Harricana
Val d'Or (Québec) J9P 5X6
TÉL: (819) 825-0178
FAX: (819) 825-0256

PELANGIO LARDER MINES
MR KEVIN FILO
535, BARTLEMAN STREET
TIMMINS, ONTARIO
P4N 4X2

Invoice : 0187857, Page 1
Date : 7-MAY-97
Report No: T97-5222.0
Project : DN-1
Reference: -

52 Analyses of Gold	at $ 6.50	$ 338.00	
Subtotal		$ 338.00	$ 338.00
Sample Preparation			
52 Samples of CRUSH, SPLIT	at $ 3.50	$ 182.00	
52 Samples of PULVERIZATION	at $ 1.00	$ 52.00	
Subtotal		$ 234.00	$ 234.00
Miscellaneous Charges			
Tax GST #R100576693		$ 40.04	
Subtotal		$ 40.04	$ 40.04
Invoice Total:			$ 612.04 Can.

ITS **Intertek Testing Services**
Chimitec **Bondar Clegg**

1522B rue Harricana
Val d'Or (Québec) J9P 5X6
TÉL: (819) 825-0178
FAX: (819) 825-0256

PELANGIO LABDER MINES
MR KEVIN FILO
535, BARTLEMAN STREET
TIMMINS, ONTARIO
P4N 4X2

Invoice : 0187856, Page 1

Date : 7-MAY-97

Report No: I97-57214.1
Project : DN-1
Reference: -

4 Analyses of mET. CYPRUS PACKAGE	at $22.50	=	90.00	$ 90.00
GOLD DUPLICATE				
GOLD DUPLICATE				
GOLD AVERAGE				
GOLD -150 mESH				
GOLD +150 MESH				
PULP WEIGHT -150				
+150 PULP WEIGHT				
Sample Preparation				
4 Samples of SPECIAL METAL. PREP	at $12.50	$	50.00	
Subtotal		$	50.00	$ 50.00
Miscellaneous Charges				
Tax GST #R100576693		$	9.80	
Subtotal		$	9.80	$ 9.80
	Invoice Total:			$ 149.80 Can.

ITS **Intertek Testing Services**
Chimitec **Bondar Clegg**

1522B rue Harricana
Val d'Or (Québec) J9P 5X6
TÉL: (819) 825-0178
FAX: (819) 825-0256

PELANGIO LABRIEF MINES
MR KEVIN FILO
535, BARTLEMAN STREET
TIMMINS, ONTARIO
P4N 4X3

Invoice : 0187855, Page 1

Date : 7-MAY-97

Report No: T97-57205.1
Project : DN-1
Reference: -

13 Analyses of MET. CYPRUS PACKAGE	at $22.50	$ 292.50	$ 292.50
GOLD DUPLICATE			
GOLD DUPLICATE			
GOLD AVERAGE			
GOLD -150 MESH			
GOLD +150 MESH			
PULP WEIGHT -150			
+150 PULP WEIGHT			
Sample Preparation			
13 Samples of SPECIAL METAL. PREP	at $12.50	$ 162.50	
Subtotal		$ 162.50	$ 162.50
Miscellaneous Charges			
Tax GST #R100576693		$ 31.85	
Subtotal		$ 31.85	$ 31.85
	Invoice Total:		$ 486.85 Can.

ITS **Intertek Testing Services**
Chimitec **Bondar Clegg**

1522B rue Harricana
Val d'Or (Québec) J9P 5X6
TÉL: (819) 825-0178
FAX: (819) 825-0256

PELANGIO LARDER MINES
MR KEVIN FILO
535, BARTLEMAN STREET
TIMMINS, ONTARIO
P4N 4X3

Invoice : 0187854, Page 1

Date : 7-MAY-97

Report No: T97-57191.1
Project : DN-1
Reference: -

11 Analyses of	MET. CYPRUS PACKAGE	at $22.50	$ 247.50	$ 247.50
	GOLD DUPLICATE			
	GOLD DUPLICATE			
	GOLD AVERAGE			
	GOLD -150 MESH			
	GOLD +150 MESH			
	PULP WEIGHT -150			
	+150 PULP WEIGHT			
Sample Preparation				
11 Samples of	SPECIAL METAL. PREP	at $12.50	$ 137.50	
	Subtotal		$ 137.50	$ 137.50
Miscellaneous Charges				
	Tax GST #R100576693		$ 26.95	
	Subtotal		$ 26.95	$ 26.95
		Invoice Total:		$ 413.95 Can.

ITS **Intertek Testing Services**
Chimitec **Bondar Clegg**

1522B rue Harricana
Val d'Or (Québec) J9P 5X6
TÉL: (819) 825-0178
FAX: (819) 825-0256

PELANGIO LARDER MINES
MR KEVIN FILO
535, BARTLEMAN STREET
TIMMINS, ONTARIO
P4N 4X2

Invoice : 0187853, Page 1
Date : 7-MAY-97
Report No: T97-57199.1
Project : DN-1
Reference:

1 Analyses of MET. CYPRUS PACKAGE	at $22.50	$ 22.50	$	22.50
GOLD DUPLICATE				
GOLD DUPLICATE				
GOLD AVERAGE				
GOLD -150 MESH				
GOLD +150 MESH				
PULP WEIGHT -150				
+150 PULP WEIGHT				
Sample Preparation				
1 Sample of SPECIAL METAL. PREP	at $12.50	$ 12.50		
Subtotal		$ 12.50	$	12.50
Miscellaneous Charges				
Tax GST #R100576693		$ 2.45		
Subtotal		$ 2.45	$	2.45
Invoice Total:			$	37.45 Can.

ITS **Intertek Testing Services**
Chimitec **Bondar Clegg**

1522B rue Harricana
Val d'Or (Québec) J9P 5X6
TÉL: (819) 825-0178
FAX: (819) 825-0256

PELANGIO LABRADOR MINES
MR KEVIN FILO
535, BARTLEMAN STREET
TIMMINS, ONTARIO
P4N 4X2

Invoice : 0187852, Page 1

Date : 7-MAY-97

Report No: T97-57186.1
Project : DN-1
Reference: -

15 Analyses of	mEI. CYPRUS PACKAGE GOLD DUPLICATE GOLD DUPLICATE GOLD AVERAGE GOLD -150 MESH GOLD +150 MESH PULP WEIGHT -150 +150 PULP WEIGHT	at $22.50	$ 337.50	$ 337.50
Sample Preparation:				
15 Samples of	SPECIAL METAL. PREP	at $12.50	$ 187.50	
	Subtotal		$ 187.50	$ 187.50
Miscellaneous Charges:				
	Tax GST #R100576693		$ 36.75	
	Subtotal		$ 36.75	$ 36.75
		Invoice Total:		$ 561.75 Can.

ITS **Intertek Testing Services**
Chimitec **Bondar Clegg**

1522B rue Harricana
Val d'Or (Québec) J9P 5X6
TÉL: (819) 825-0178
FAX: (819) 825-0256

PELANGIO LARDER MINES
MR KEVIN FILO
535, BARTLEMAN STREET
TIMMINS, ONTARIO
P4N 4X2

Invoice : 0187850, Page 1
Date : 7-MAY-97
Report No: T97-57187.1
Project : DN-1
Reference: -

7 Analyses of MET. CYPRUS PACKAGE	at $22.50	$ 157.50	$ 157.50
GOLD DUPLICATE			
GOLD DUPLICATE			
GOLD AVERAGE			
GOLD -150 MESH			
GOLD +150 MESH			
PULP WEIGHT -150			
+150 PULP WEIGHT			
Sample Preparation			
7 Samples of SPECIAL METAL. PREP	at $12.50	$ 87.50	
Subtotal		$ 87.50	$ 87.50
Miscellaneous Charges			
Tax GST #R100576693		$ 17.15	
Subtotal		$ 17.15	$ 17.15
Invoice Total:			$ 262.15 Can.

ITS **Intertek Testing Services**
Chimitec **Bondar Clegg**

1522B rue Harricana
Val d'Or (Québec) J9P 5X6
TÉL: (819) 825-0178
FAX: (819) 825-0256

Invoice : 0187851,. Page 1

PELANGIO LARDER MINES
MR KEVIN FILO
535, BARTLEMAN STREET
TIMMINS, ONTARIO
P4N 4X2

Date : 7-MAY-97

Report No: T97-57180.1
Project : DN-1
Reference: -

3 Analyses of MET. CYPRUS PACKAGE	at $22.50	$ 67.50	$ 67.50
GOLD DUPLICATE			
GOLD DUPLICATE			
GOLD AVERAGE			
GOLD -150 MESH			
GOLD +150 MESH			
PULP WEIGHT -150			
+150 PULP WEIGHT			
Sample Preparation			
3 Samples of SPECIAL METAL. PREP	at $12.50	$ 37.50	
Subtotal		$ 37.50	$ 37.50
Miscellaneous Charges			
Tax GST #R100576693		$ 7.35	
Subtotal		$ 7.35	$ 7.35
	Invoice Total:		$ 112.35 Can.

ITS **Intertek Testing Services**
Chimitec **Bondar Clegg**

1522B rue Harricana
Val d'Or (Québec) J9P 5X6
TÉL: (819) 825-0178
FAX: (819) 825-0256

PELANGIO LARDER MINES
MR KEVIN FILO
535, BARTLEMAN STREET
TIMMINS, ONTARIO
P4N 4X3

Invoice : 0187808, Page 1
Date : 30-APR-97
Report No: I97-57214.0
Project : DN-1
Reference: -

33 Analyses of Gold	at $ 6.50	$ 214.50	
Subtotal		$ 214.50	$ 214.50
Sample Preparation			
33 Samples of CRUSH, SPLIT	at $ 3.50	$ 80.50	
33 Samples of PULVERIZATION	at $ 1.00	$ 23.00	
Subtotal		$ 103.50	$ 103.50
Miscellaneous Charges			
Tax GST #R100576693		$ 22.26	
Subtotal		$ 22.26	$ 22.26
Invoice Total:			$ 340.26 Can.

ITS **Intertek Testing Services**
Chimitec **Bondar Clegg**

1522B rue Harricana
Val d'Or (Québec) J9P 5X6
TÉL: (819) 825-0178
FAX: (819) 825-0256

PELANGIO LARDER MINES
MR KEVIN FILO
535, BARTLEMAN STREET
TIMMINS, ONTARIO
P4N 4X2

Invoice : 0187807, Page 1

Date : 30-APR-97

Report No: T97-57211.0
Project : DN-1
Reference: -

6 Analyses of Gold	at $ 6.50	$ 39.00		
Subtotal		$ 39.00	$	39.00
Sample Preparation				
6 Samples of CRUSH, SPLIT	at $ 3.50	$ 21.00		
6 Samples of PULVERIZATION	at $ 1.00	$ 6.00		
Subtotal		$ 27.00	$	27.00
Miscellaneous Charges				
Tax GST #R100576693		$ 4.62		
Subtotal		$ 4.62	$	4.62
Invoice Total:			$	70.62 Can.

ITS **Intertek Testing Services**
Chimitec **Bondar Clegg**

1322B rue Harricana
Val d'Or (Québec) J9P 3X6
TÉL: (819) 825-0178
FAX: (819) 825-0256

PELANGIO LARDER MINES
MR KEVIN FILO
535, BARTLEMAN STREET
TIMMINS, ONTARIO
P4N 4X2

Invoice : 0187815, Page 1
Date : 30-APR-97
Report No: T97-57218.0
Project : DN-1
Reference: -

24 Analyses of Gold	at $ 6.50	$ 156.00	
Subtotal		$ 156.00	$ 156.00
Sample Preparation			
24 Samples of CRUSH, SPLIT	at $ 3.50	$ 84.00	
24 Samples of PULVERIZATION	at $ 1.00	$ 24.00	
Subtotal		$ 108.00	$ 108.00
Miscellaneous Charges			
Tax GST #R100576693		$ 18.48	
Subtotal		$ 18.48	$ 18.48
Invoice Total:			$ 282.48 Can.

ITS **Intertek Testing Services**
Chimitec **Bondar Clegg**

1522B rue Harricana
Val d'Or (Québec) J9P 5X6
TÉL: (819) 825-0178
FAX: (819) 825-0256

Invoice : 0187814, Page 1

PELANGIO LARDER MINES
MR KEVIN FILO
535, BARTLEMAN STREET
TIMMINS, ONTARIO
P4N 4X2

Date : 30-APR-97

Report No: T97-57212.0
Project : DN-1
Reference: -

27 Analyses of Gold	at $ 6.50	$ 175.50	
Subtotal		$ 175.50	$ 175.50
Sample Preparation			
27 Samples of CRUSH, SPLIT	at $ 3.50	$ 94.50	
27 Samples of PULVERISATION	at $ 1.00	$ 27.00	
Subtotal		$ 121.50	$ 121.50
Miscellaneous Charges			
Tax GST #R100576693		$ 20.79	
Subtotal		$ 20.79	$ 20.79
	Invoice Total:		$ 317.79 Can.

ITS Intertek Testing Services
Chimitec Bondar Clegg

1322B rue Harricana
Val d'Or (Québec) J9P 5X6
TÉL: (819) 825-0178
FAX: (819) 825-0256

PELANGIO LARDER MINES
MR KEVIN FILO
535, BARTLEMAN STREET
TIMMINS, ONTARIO
P4N 4X2

Invoice : 0187835, Page 1
Date : 2-MAY-97
Report No: T97-57223.0
Project : DN-1
Reference: -

40 Analyses of Gold	at $ 6.50	$ 260.00		
Subtotal		$ 260.00	$ 260.00	
Sample Preparation				
40 Samples of CRUSH, SPLIT	at $ 3.50	$ 140.00		
40 Samples of PULVERIZATION	at $ 1.00	$ 40.00		
Subtotal		$ 180.00	$ 180.00	
Miscellaneous Charges				
Tax GST #R100576693		$ 30.80		
Subtotal		$ 30.80	$ 30.80	
Invoice Total:			$ 470.80 Can.	

ITS **Intertek Testing Services**
Chimitec **Bondar Clegg**

1322B rue Harricana
Val d'Or (Québec) J9P 5X6
TÉL: (819) 825-0178
FAX: (819) 825-0256

PELANGIO LARDER MINES
MR KEVIN FILO
535, BARTLEMAN STREET
TIMMINS, ONTARIO
P4N 4X2

Invoice : 0187711, Page 1

Date : 26-APR-97

Report No: I97-57187.0
Project : DN-1
Reference: -

21 Analyses of Gold	at $ 6.50	$ 136.50	
Subtotal		$ 136.50	$ 136.50
Sample Preparation			
21 Samples of CRUSH, SPLIT	at $ 3.50	$ 73.50	
21 Samples of PULVERIZATION	at $ 1.00	$ 21.00	
Subtotal		$ 94.50	$ 94.50
Miscellaneous Charges:			
Tax GST #R100576693		$ 16.17	
Subtotal		$ 16.17	$ 16.17
Invoice Total:			$ 247.17 Can.

ITS **Intertek Testing Services**
Chimitec **Bondar Clegg**

1522B rue Harricana
Val d'Or (Québec) J9P 3X6
TÉL: (819) 825-0178
FAX: (819) 825-0256

Invoice : 0187710, Page 1

PELANGIO LARDER MINES
MR KEVIN FILO
535, BARTLEMAN STREET
TIMMINS, ONTARIO
P4N 4X2

Date : 26-APR-97

Report No: T97-57186.0
Project : DN-1
Reference: -

37 Analyses of Gold	at $ 6.50	$ 240.50	
Subtotal		$ 240.50	$ 240.50
Sample Preparation			
37 Samples of CRUSH, SPLIT	at $ 3.50	$ 129.50	
37 Samples of PULVERIZATION	at $ 1.00	$ 37.00	
Subtotal		$ 166.50	$ 166.50
Miscellaneous Charges			
Tax GST #R100576693		$ 28.49	
Subtotal		$ 28.49	$ 28.49
Invoice Total:			$ 435.49 Can.

ITS **Intertek Testing Services**
Chimitec **Bondar Clegg**

1322B rue Harricana
Val d'Or (Québec) J9P 5X6
TÉL: (819) 825-0178
FAX: (819) 825-0256

PELANGIO LARDER MINES
MR KEVIN FILO
535, BARTLEMAN STREET
TIMMINS, ONTARIO
P4N 4X2

Invoice : 0187709, Page 1
Date : 26-APR-97
Report No: I97-57180.0
Project : DN-1
Reference: -

27 Analyses of Gold	at $ 6.50	$ 175.50	
Subtotal		$ 175.50	$ 175.50
Sample Preparation			
27 Samples of CRUSH, SPLIT	at $ 3.50	$ 94.50	
27 Samples of PULVERIZATION	at $ 1.00	$ 27.00	
Subtotal		$ 121.50	$ 121.50
Miscellaneous Charges			
Tax GST #R100576693		$ 20.79	
Subtotal		$ 20.79	$ 20.79
Invoice Total:			$ 317.79 Can.

ITS **Intertek Testing Services**
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PELANGIO LARDER MINES
MR KEVIN FILO
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TIMMINS, ONTARIO
P4N 4X2

Invoice : 0187723, Page 1
Date : 26-APR-97
Report No: T97-57199.0
Project : DN-1
Reference: -

26 Analyses of Gold	at $ 6.50	$ 169.00	
Subtotal		$ 169.00	$ 169.00
Sample Preparation			
26 Samples of CRUSH, SPLIT	at $ 3.50	$ 91.00	
26 Samples of PULVERIZATION	at $ 1.00	$ 26.00	
Subtotal		$ 117.00	$ 117.00
Miscellaneous Charges			
Tax GST #R100576693		$ 20.02	
Subtotal		$ 20.02	$ 20.02
	Invoice Total:		$ 306.02 Can.

ITS **Intertek Testing Services**
Chimitec **Bondar Clegg**

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PELANGIO LARDER MINES
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TIMMINS, ONTARIO
P4N 4X2

Invoice : 0187715, Page 1
Date : 26-APR-97
Report No: T97-57205.0
Project : DN-1
Reference: -

34 Analyses of Gold	at $ 6.50	$ 221.00	
Subtotal		$ 221.00	$ 221.00
Sample Preparation			
34 Samples of CRUSH, SPLIT	at $ 3.50	$ 119.00	
34 Samples of PULVERIZATION	at $ 1.00	$ 34.00	
Subtotal		$ 153.00	$ 153.00
Miscellaneous Charges			
Tax GST #R100576693		$ 26.18	
Subtotal		$ 26.18	$ 26.18
	Invoice Total:		$ 400.18 Can.

ITS Intertek Testing Services
Chimitec Bondar Clegg

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PELANGIO LARDER MINES
MR KEVIN FILO
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TIMMINS, ONTARIO
P4N 4X2

Invoice : 0187714, Page 1

Date : 26-APR-97

Report No: T97-57202.0
Project : DN-1
Reference: -

28 Analyses of Gold	at $ 6.50	$ 182.00	
Subtotal		$ 182.00	$ 182.00
Sample Preparation			
28 Samples of CRUSH, SPLIT	at $ 3.50	$ 98.00	
28 Samples of PULVERIZATION	at $ 1.00	$ 28.00	
Subtotal		$ 126.00	$ 126.00
Miscellaneous Charges			
Tax GST #R100576693		$ 21.56	
Subtotal		$ 21.56	$ 21.56
	Invoice Total:		$ 329.56 Can.

ITS **Intertek Testing Services**
Chimitec **Bondar Clegg**

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PELANGIO LARDER MINES
MR KEVIN FILO
535, BARTLEMAN STREET
TIMMINS, ONTARIO
P4N 4X3

Invoice : 0187713, Page 1
Date : 26-APR-97
Report No: T97-57201.0
Project : DN-1
Reference: -

37 Analyses of Gold	at $ 6.50	$ 240.50	
Subtotal		$ 240.50	$ 240.50
Sample Preparation			
37 Samples of CRUSH, SPLIT	at $ 3.50	$ 129.50	
37 Samples of PULVERIZATION	at $ 1.00	$ 37.00	
Subtotal		$ 166.50	$ 166.50
Miscellaneous Charges			
Tax GST #R100576693		$ 28.49	
Subtotal		$ 28.49	$ 28.49
Invoice Total:			$ 435.49 Can.

ITS **Intertek Testing Services**
Chimitec **Bondar Clegg**

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FAX: (819) 825-0256

PELANGIO LARDER MINES
MR KEVIN FILO
535, BARTLEMAN STREET
TIMMINS, ONTARIO
P4N 4X2

Invoice : 0187712, Page 1
Date : 26-APR-97
Report No: I97-57191.0
Project : DN-1
Reference: -

45 Analyses of Gold	at $ 6.50	$ 292.50		
Subtotal		$ 292.50	$ 292.50	
Sample Preparation				
45 Samples of CRUSH, SPLIT	at $ 3.50	$ 157.50		
45 Samples of PULVERIZATION	at $ 1.00	$ 45.00		
Subtotal		$ 202.50	$ 202.50	
Miscellaneous Charges				
Tax GST #R100576693		$ 34.65		
Subtotal		$ 34.65	$ 34.65	
Invoice Total:			$ 529.65 Can.	

2.17464

PART 2: DIAMOND DRILL LOGS

FILO EXPLORATION
DIAMOND DRILLING LOG

Start a new page for every new hole, but fill in top portion of form only on first page for each new hole.

FILL IN ON EVERY PAGE ▶ HOLE NO. D-1 | PAGE NO. 1

DRILLING COMPANY: BRADLEY BROTHERS	COLLAR ELEVATION: NO SURVEY	BEARING OF HOLE FROM TRUE NORTH: 212° Az.	TOTAL M.: 62m	DIP OF HOLE AT: collar -45° ; 62 m 214° AZ -45° DIP	LOCATION OF HOLE IN RELATION TO A FIXED POINT ON THE CLAIM: LINE 3 EAST STATION 405 SOUTH	MAP REFERENCE NO.: G 1680	CLAIM NO.: 1208321
DATE HOLE STARTED: Apr. 4/97 — DATE COMPLETED: April 5/97	DATE LOGGED: Apr. 28/97	LOGGED BY: T. H. FILO				LOCATION (Tp., Lot, Con. OR Lat. and Long.): WEST OF SUNDAY LAKE	
EXPLORATION CO., OWNER OR OPTIONEE: PELANGIO LARDER MINES LIMITED	DATE SUBMITTED: MAY 30/97	SUBMITTED BY (Signature):				PROPERTY NAME: DN-1	

M. FROM	M. TO	ROCK TYPE	DESCRIPTION Colour, grain size, texture, minerals, alteration, etc.	YOUR SAMPLE NUMBER	SAMPLE M. FROM	SAMPLE M. TO	SAMPLE LENGTH	ASSAYS + Au ppb
0	31	CASING	*	662646	31	32	1	<5
			-@ 31-35	662647	32	33	1	27
31		SHEARED METABASALT	- strongly sheared unit that is for the most part grey black in color, fabric in this unit at 5-10° to C.A. suggesting hole was drilled down dip	662648	33	34	1	25
				662649	34	35	1	20
				662650	35	36	1	17
				662651	36	37	1	15
				662652	37	38	1	7
			- some minor sericitic sections in this first interval over 20-35cm	662653	38	39	1	8
			- very minor quartz clots	662654	39	40	1	9
			- some minor bands of reddish brown phlogopite mica noted as well	662655	40	41	1	33
				662656	41	42	1	15
			- sections of extremely porphyritic material (sheared dyke?)	662657	42	43	1	16
				662658	43	44	1	6
			- local fine pyrite in this first interval, overall 1-2%	662659	44	45	1	6
				662660	45	46	1	<5
			- a few minor slips such as at 34m (70° to C.A.)	662661	46	47	1	9
				662662	47	48	1	11
			@ 35-41	662663	48	49	1	6
			- as per initial description except this unit has extensive moderate pervasive sericite alteration over 75% of this interval	662664	49	50	1	6
			- still very minor quartz clots & stringers 1% maximum					
			- some minor fine pyrite ½-1% overall					
			- 2 or 3 minor slips in this interval at 15° to C.A.					
			- in less altered portions of this interval some reddish brown phlogopite mica noted & 4/50 porphyritic intervals					
			@ 41-50					
			- basically as per initial description above @ 31-35, again very minor sections of sericite over 20-30cm intervals, minor porphyritic intervals & fabric @ 10° to C.A., rare quartz stringer					

* For features such as foliation, bedding, schistosity, measured from the long axis of the core.

+ Additional credit available. See Assessment Work Regulations.

MMP 23515-1C/D260

FILO EXPLORATION
DIAMOND DRILLING LOG

Start a new page for every new hole, but fill in top portion of form only on first page for each new hole.

FILL IN ON EVERY PAGE

HOLE NO.	PAGE NO.
D-1	2

DRILLING COMPANY	COLLAR ELEVATION	BEARING OF HOLE FROM TRUE NORTH	TOTAL M.	DIP OF HOLE AT	LOCATION OF HOLE IN RELATION TO A FIXED POINT ON THE CLAIM	MAP REFERENCE NO.	CLAIM NO.
				collar °			
DATE HOLE STARTED / DATE COMPLETED	DATE LOGGED	LOGGED BY		m °		LOCATION (Tp., Lot, Con. OR Lat. and Long.)	
EXPLORATION CO., OWNER OR OPTIONEE	DATE SUBMITTED	SUBMITTED BY (Signature)		m °		PROPERTY NAME	
				m °			

M. FROM	M. TO	ROCK TYPE	DESCRIPTION Colour, grain size, texture, minerals, alteration, etc.	YOUR SAMPLE NUMBER	SAMPLE M. FROM	SAMPLE M. TO	SAMPLE LENGTH	ppb Au	ASSAYS +
			- some reddish brown phlogopite mica noted as well	662665	50	51	1	15	
			- minor pyrite 1/2-1% maximum, disseminated	662666	51	52	1	<5	
			- fault from 41-41.5 @ 20° to C.A.	662667	52	53	1	<5	
			- other minor slips @ 15-30° to C.A.	662668	53	54	1	10	
				662669	54	55	1	8	
			@ 50-62 :	662670	55	56	1	12	
			- no significant change, still sheared	662671	56	57	1	16	
			metabasalt as per initial description	662672	57	58	1	36	
			- some sericite alteration from 56m-58.5,	662673	58	59	1	28	
			increase in sulphides in this interval (56-58.5)	662674	59	60	1	25	
			a minor quartz veinlets (garnets? in veins)	662675	60	61	1	163	
			- fault @ 55.5-55.8) (minor) ; 3-4° to C.A.	662676	61	62	1	7	
			- numerous small slips @ 15° to C.A as well						
			- this section also contains phlogopite mica						
			& porphyritic sections						
			- overall pyrite content 1%.						
			E.O.H. 62m						
			HOLE STOPPED AS HOLE DRILLED DOWN DIP, FOLLOW UP HOLES RE-ORIENTED						
			NOTE: CORE STORED AT DELANGIO FIELD OFFICE, CEDAR HILL CONNAUGHT ONT.						

* For features such as foliation, bedding, schistosity, measured from the long axis of the core.

+ Additional credit available. See Assessment Work Regulations.

FILO EXPLORATION
DIAMOND DRILLING LOG

Start a new page for every new hole, but fill in top portion of form only on first page for each new hole.

FILL IN ON EVERY PAGE

HOLE NO.	PAGE NO.
D-2	1

DRILLING COMPANY: Bradley Brothers	COLLAR ELEVATION: NO SURVEY	BEARING OF HOLE FROM TRUE NORTH: AZ 022°	TOTAL M. NQ 161m.	DIP OF HOLE AT: collar -45°	LOCATION OF HOLE IN RELATION TO A FIXED POINT ON THE CLAIM: LINE 3 EAST STATION 587.5 S. SEE SKETCH MAP
DATE HOLE STARTED: APRI/5/97	DATE COMPLETED: APRIL 7/97	DATE LOGGED: APRI/9/97	LOGGED BY: J.K.FILO	74 m 022°AZ -46°DIP; 140 m 024°AZ -47°DIP	MAP REFERENCE NO.: G-1680
EXPLORATION CO., OWNER OR OPTIONEE: PELANGIO LARDER MINES LIMITED	DATE SUBMITTED: MAY 30/97	SUBMITTED BY (Signature):			CLAIM NO.: 1208321
					LOCATION (Tp., Lot, Con. OR Lat. and Long.): WEST OF SUNDAY LAKE
					PROPERTY NAME: DN-1

M. FROM	M. TO	ROCK TYPE	DESCRIPTION Colour, grain size, texture, minerals, alteration, etc.	YOUR SAMPLE NUMBER	SAMPLE M. FROM	SAMPLE M. TO	SAMPLE LENGTH	ppb Au	ASSAYS +				g/t Au
0	19	CASING	(NOTE, CASING LEFT IN HOLE)										
19	30.4	METABASALT	- grey black colored massive mafic volcanic, * on fresh surface, very plate like ferro-magnesium minerals, unit is metamorphosed, fine-med. grained - fairly competent interval, only a few fractures, fractures at a high angle, 70° to C.A. - minor slip @ 25° to C.A. AT 25.2m - unit contains minor quartz stringers @ 75-80° to C.A, these make up 1-2% of this interval maximum. - disseminated pyrite is found in quartz stringers and in some portions of the volcanic unit as well, pyrite content overall pyrite content estimated at 1%, sometime 1-2% locally, particularly last metre of this interval - note @ 27.43-27.63 unusual looking zone, ½ of core has sub-euhedral to euhedral quartz, appearance of a porphyritic texture, initially thought to be a dyke but not so	662148	19	20	1	9					
				662149	20	21	1	11					
				662150	21	22	1	10					
				662151	22	23	1	5					
				662152	23	24	1	11					
				662153	24	25	1	10					
				662154	25	26	1	23					
				662155	26	27	1	14					
				662156	27	28	1	12					
				662157	28	29	1	20					
				662158	29	30	1	13					
				662159	30	30.4	0.4	18					
				662160	30.4	31.8	1.4	21					
				662161	31.8	32.8	1	104				*	0.109
				662162	32.8	33.6	0.8	43					
				662163	33.6	35	1.4	8					
				662164	35	36	1	16					
				662165	36	37	1	87					
30.4	33.6	WKLY SHEARED METABASALT? ?-	- fault zone initially from 30.4-30.85, ground broken blocky zone - this unit is weakly sheared, some of the fabric in unit could be primary?, some of the sulphide is banded, fabric 85-90° to C.A. - from 31.8 to 33.6 there is quartz flooding, veining and some silicification, also some brown bands, (chlorite mica?) - both pyrite and some chalcopyrite are present in section from 30.4 to 33.7, particularly from 31.4-33.7, sulphides are in bands (stringers) parallel to fabric & disseminated form (2-4%) overall, mainly pyrite										

* For features such as foliation, bedding, schistosity, measured from the long axis of the core.

+ Additional credit available. See Assessment Work Regulations.

FILO EXPLORATION
DIAMOND DRILLING LOG

Start a new page for every new hole, but fill in top portion of form only on first page for each new hole.

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HOLE NO. D2 | PAGE NO. 2

DRILLING COMPANY		COLLAR ELEVATION	BEARING OF HOLE FROM TRUE NORTH	TOTAL M.	DIP OF HOLE AT	LOCATION OF HOLE IN RELATION TO A FIXED POINT ON THE CLAIM	MAP REFERENCE NO.	CLAIM NO.
DATE HOLE STARTED	DATE COMPLETED	DATE LOGGED	LOGGED BY		collar m m m		LOCATION (Tp., Lot, Con. OR Lat. and Long.)	
EXPLORATION CO., OWNER OR OPTIONEE		DATE SUBMITTED	SUBMITTED BY (Signature)				PROPERTY NAME	

M. FROM	M. TO	ROCK TYPE	DESCRIPTION Colour, grain size, texture, minerals, alteration, etc.	YOUR SAMPLE NUMBER	SAMPLE M. FROM	SAMPLE M. TO	SAMPLE LENGTH	ppb Au	ASSAYS +			g/t Au
33.6	43.5	METABASALT	-once again a grey-black colored metamorphosed mafic volcanic unit, on the fresh surface plate like ferro-magnesium minerals, fine grained -CHLORITIC upper contact with unit above -this unit is massive for the most part, locally some minor fabric noted -very minor local pyrite, (disseminated) within unit -a number of minor slips in this section generally 15-20° to C.A. & a few fractures AT 20° to C.A., very minor quartz stringers, these also generally 20° to C.A. -two white granitic / granodiorite? dykes noted at 36.86-36.98 & 37.45-37.68, some minor quartz associated with contacts of these dykes, contacts on dykes approximately 20° to C.A.	662166	37	38	1	16				
				662167	38	39	1	<5				
				662168	39	40	1	7				
				662169	40	41	1	<5				
				662170	41	42	1	<5				
				662171	42	43	1	<5				
				662172	43	43.5	0.5	17				
43.5	87.1	SHEARED METABASALT?	@ 43.5-53 -at upper contact & start of this unit there is a tiny pink felsic dyke 5-7cm long at about 85° to C.A. & a second similar dyke 5-7cm located 15cm ahead of the first dyke -the sheared metabasalt has a very strong to moderate fabric, fabric is at about 55° to C.A. -unit is very fine grained & a grey black in color -unusual texture noted, portions of this unit contain phenocrysts of quartz & feldspar that appear and gradually fade away, this gives portions of unit a porphyritic appearance -in many instances the phenocrysts are stretched -no really distinct contact in sections that appear porphyritic, thus these sections are not intrusive? OR contact is obscured by foliation or fabrics as phenocrysts are stretched & these porphyritic sections are small dykes	662173	43.5	44	0.5	112			*	0.212
				662174	44	45	1	572			*	0.469
				662175	45	46	1	216			*	0.39
				662176	46	47	1	187			*	0.25
				662177	47	48	1	1272			*	0.85
				662178	48	49	1	151			*	0.14
				662179	49	50	1	62				
				662180	50	51	1	78				
				662181	51	52	1	75				
				662182	52	53	1	22				
				662183	53	54	1	15				
				662184	54	55	1	56				
				662185	55	56	1	156			*	0.27
				662186	56	57	1	119			*	0.08
				662187	57	58	1	34			*	0.04
				662188	58	59	1	79			*	0.06
				662189	59	60	1	47			*	0.07

* For features such as foliation, bedding, schistosity, measured from the long axis of the core.

+ Additional credit available. See Assessment Work Regulations.

FILO EXPLORATION
DIAMOND DRILLING LOG

Start a new page for every new hole, but fill in top portion of form only on first page for each new hole.

FILL IN ON EVERY PAGE ▶ HOLE NO. D-2 | PAGE NO. 3

DRILLING COMPANY		COLLAR ELEVATION	BEARING OF HOLE FROM TRUE NORTH	TOTAL M.	DIP OF HOLE AT collar °	LOCATION OF HOLE IN RELATION TO A FIXED POINT ON THE CLAIM	MAP REFERENCE NO.	CLAIM NO.
DATE HOLE STARTED	DATE COMPLETED	DATE LOGGED	LOGGED BY		m °		LOCATION (Tp., Lot, Con. OR Lat. and Long.)	
EXPLORATION CO., OWNER OR OPTIONEE		DATE SUBMITTED	SUBMITTED BY (Signature)		m °		PROPERTY NAME	
					m °			
					m °			

M. FROM	M. TO	ROCK TYPE	DESCRIPTION Colour, grain size, texture, minerals, alteration, etc.	YOUR SAMPLE NUMBER	SAMPLE M. FROM	SAMPLE M. TO	SAMPLE LENGTH	ASSAYS + ppb Au				g/t Au
			-note at 44-45, numerous quartz veins & veinlets, this metre contains 50-60% quartz	662190	60	61	1	47			*	0.06
			-locally 1-2% fine, disseminated sulphide (pyrite within entire section, also over entire section	662191	61	62	1	47			*	0.07
			quartz content in quartz stringers 1-2% maximum, quartz stringers generally parallel to fabric 85° to C.A.	662192	62	63	1	127			*	0.10
			-this section contains brown-reddish bands 2-4cm long, this is a brown mica (phlogopite?), occ. assiciated w/ biotite mica found to be associated with these bands of phlogopite.	662193	63	64	1	167			*	0.15
				662194	64	65	1	109			*	0.11
				662195	65	66	1	15				
				662196	66	66.75	0.75	34				
				662197	66.75	67.75	1.0	<5				
				662198	67.75	69	1.25	8				
				662199	69	70.15	1.15	<5				
				662200	70.15	71	0.85	<5				
			-minor slip parallel to C.A. at 46.6-47m., also minor slips at 48.5 (3° to C.A.), 50.4 (5-7° to C.A.)									
			-overall reasonably competent interval, fractures at 85° to C.A.									
			-@ 53-62									
			-as per previous description above, from 43.5-53									
			-still moderate fabric to w.b., some quartz veins, bands of reddish brown mica (phlogopite?)									
			-some fine pyrite present 1-2% overall, quartz stringers (ARE) <1/2% of this interval									
			-also this section contains sections exhibiting a porphyritic texture as described previously @ 43.5-53									
			-very weakly-sheared to massive section of volcanic @ 58-59.5 within sheared tuff									
			-fractures minimal within this interval, generally @ 20° to C.A.									
			-minor slip @ 59.4 (3° to C.A.)									
			@ 62-70.15									
			-as per description from 43.55-53, this section is moderately sheared fabric 85° to C.A.									
			-some minor quartz veinlets & stringers noted in									

* For features such as foliation, bedding, schistosity, measured from the long axis of the core.

+ Additional credit available. See Assessment Work Regulations.

FILO EXPLORATION
DIAMOND DRILLING LOG

Start a new page for every new hole, but fill in top portion of form only on first page for each new hole.

FILL IN ON EVERY PAGE

HOLE NO. D-2 | PAGE NO. 4

DRILLING COMPANY		COLLAR ELEVATION	BEARING OF HOLE FROM TRUE NORTH	TOTAL M.	DIP OF HOLE AT collar °	LOCATION OF HOLE IN RELATION TO A FIXED POINT ON THE CLAIM	MAP REFERENCE NO.	CLAIM NO.
DATE HOLE STARTED	DATE COMPLETED	DATE LOGGED	LOGGED BY		m °		LOCATION (Tp., Lot, Con. OR Lat. and Long.)	
EXPLORATION CO., OWNER OR OPTIONEE		DATE SUBMITTED	SUBMITTED BY (Signature)		m °		PROPERTY NAME	
					m °			
					m °			

M. FROM	M. TO	ROCK TYPE	DESCRIPTION Colour, grain size, texture, minerals, alteration, etc.	YOUR SAMPLE NUMBER	SAMPLE M. FROM	SAMPLE M. TO	SAMPLE LENGTH	ppb Au	ASSAYS +
			this section, still 1-2% maximum, pyrite content still 1-2%, some local sections over 0.5m with 3-4%, trace of chalcopyrite noted on occassion	662201	71	72	1	<5	
			-porphyritic texture described previously from 435-53 also noted in this interval	662202	72	73	1	<5	
			-minor slip at 67.25, 20° to C.A., very altered section of tuff from 66.75-67.25m, sericitic alteration, slight increase in pyrite (2% max.)	662203	73	74	1	6	
			-fractures at 30° to C.A, these are few in number.	662204	74	75	1	15	
				662205	75	76	1	6	
				662206	76	77	1	53	
				662207	77	78	1	23	
				662208	78	79	1	78	
				662209	79	80	1	39	
				662210	80	81	1	25	
				662211	81	82	1	44	
			@70.15 - 82						
			-initially at 70.15-70.45 very distinct fault zone with gouge, upper contact 55° to C.A & lower contact 15° to C.A.						
			-basically the same unit as described previously @435-53 except @70.45-73.55 the unit is heavily altered proximal to fault, very bleached, wkly sericitized, 1-2% pyrite (disseminated & blebs)						
			-some porphyritic texture still evident through alteration as per earlier description						
			-some fabric still noted within heavily altered section, 85-90° to c.A.						
			-beyond altered zone basically sheared meta-basalt again, grey in color & fine grained, still some porphyritic sections again as described in interval 43.5-53						
			-also some bands of reddish-brown mica (phlogopite) with some biotite						
			-minor quartz veins & veinlets in this unit, generally parallel to C.A. (85-90° to C.A.)						
			-second, minor alteration zone from 78-79m., bleached & wkly sericitic						

* For features such as foliation, bedding, schistosity, measured from the long axis of the core.

+ Additional credit available. See Assessment Work Regulations.

MMP 23515-1C/D260

FILO EXPLORATION
DIAMOND DRILLING LOG

Start a new page for every new hole, but fill in top portion of form only on first page for each new hole.

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HOLE NO. D-2 | PAGE NO. 5

DRILLING COMPANY		COLLAR ELEVATION	BEARING OF HOLE FROM TRUE NORTH	TOTAL M.	DIP OF HOLE AT	LOCATION OF HOLE IN RELATION TO A FIXED POINT ON THE CLAIM	MAP REFERENCE NO.	CLAIM NO.
DATE HOLE STARTED	DATE COMPLETED	DATE LOGGED	LOGGED BY		collar m m m m		LOCATION (Tp., Lot, Con. OR Lat. and Long.)	
EXPLORATION CO., OWNER OR OPTIONEE		DATE SUBMITTED	SUBMITTED BY (Signature)				PROPERTY NAME	

M. FROM	M. TO	ROCK TYPE	DESCRIPTION Colour, grain size, texture, minerals, alteration, etc.	YOUR SAMPLE NUMBER	SAMPLE M. FROM	SAMPLE M. TO	SAMPLE LENGTH	ppb Au	ASSAYS +			g/t Au
			-unaltered & altered sections of this interval contain some pyrite (1-2%) slightly more pyrite in altered sections.	662212	82	83	1	<5				
			-this interval fairly competent, a few fractures @ 30° & 45° to C.A.	662213	83	84	1	<5				
				662214	84	85	1	28				
				662215	85	86	1	14				
				662216	86	87.1	1.1	22				
				662217	87.1	88	0.9	73			*	0.08
			@ 82-87.1	662218	88	89	1	62			*	0.09
			-sheared or foliated metabasalt? as per initial description, fabric @ 85-90° to C.A.	662219	89	89.73	0.73	2057			*	2.82
			-bands of phlogopite mica noted, once again	662220	89.73	90.64	0.91	13029			*	11.86
			-also large sections of this particular section are porphyritic									
			-a few minor quartz cuts & veinlets, also a few granitic dikes 2-3"									
			-some very fine sulphide noted throughout unit 2-3%									
			-a few fractures noted 35-40° to C.A., fairly competent									
87.1	89.73	METABASALT	-massive grey black unit, on fresh surface, fine grained plate like ferro-magnesium minerals, unit metamorphosed									
			-locally unit has same minor fabric, fabric 85-90° to C.A.									
			-some fine pyrite and a few bands of pyrite also noted 2% maximum pyrite in this section									
			-competent section, a few minor slips at 15-20° to C.A. & a few fractures at 85° to C.A.									
			-lower contact sharp at 85° to C.A.									
89.73	90.64	QUARTZ VEIN	-grey white quartz vein with salts of mafic mafic volcanic material (0-15%), stringers of pyrite & some chalcopyrite, total sulphides 2%-3%									
			-lower contact SHARP @ 85° to C.A.									

* For features such as foliation, bedding, schistosity, measured from the long axis of the core.

* DENOTES AU METALLIC ASSAY

+ Additional credit available. See Assessment Work Regulations.

MMP 23515-1C/D260

FILO EXPLORATION
DIAMOND DRILLING LOG

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HOLE NO. D2 | PAGE NO. 6

DRILLING COMPANY		COLLAR ELEVATION	BEARING OF HOLE FROM TRUE NORTH	TOTAL M.	DIP OF HOLE AT collar °	LOCATION OF HOLE IN RELATION TO A FIXED POINT ON THE CLAIM	MAP REFERENCE NO.	CLAIM NO.
DATE HOLE STARTED	DATE COMPLETED	DATE LOGGED	LOGGED BY		m °		LOCATION (Tp., Lot, Con. OR Lat. and Long.)	
EXPLORATION CO., OWNER OR OPTIONEE		DATE SUBMITTED	SUBMITTED BY (Signature)		m °		PROPERTY NAME	
					m °			
					m °			

M. FROM	M. TO	ROCK TYPE	DESCRIPTION Colour, grain size, texture, minerals, alteration, etc.	YOUR SAMPLE NUMBER	SAMPLE M. FROM	SAMPLE M. TO	SAMPLE LENGTH	ppb ASSAYS + Au				g/t Au
90.64	116	METABASALT	(a) 90.64 - 94.4	662221	90.64	92	1.46	51			*	0.07
			- with the exception of the first 10-15cm, of	662222	92	93.5	1.5	18			*	0.04
			this section the metabasalt unit is within a fault	662223	93.5	95	1.5	113				
			zone									
			- the fault zone is marked by gouge and blocky									
			broken core starting at 90.88, beyond 90.88 to									
			94.4 mainly grey black metabasalt that is massive									
			to weakly foliated, a number of fractures & slips									
			- minor grey/pink feldspar porphyritic dyke from									
			94.6 - 94.8 m									
			- some very minor sulphides (pyrite) and a few									
			quartz stringers in fault zone also									
			- lower end of fault zone marked by slip									
			(a) 15° to C.A.									
			(a) 94.4 - 103									
			- basically a massive to weakly foliated	662224	95	96.5	1.5	28			*	0.15
			metabasalt unit that is grey/black in color,	662225	96.5	98	1.5	41				
			fresh surface fine grained plate like ferro-magnesium	662226	98	99.5	1.5	22				
			minerals	662227	99.5	101	1.5	32				
			- tiny quartz stringers & clots present, particularly	662228	101	102.5	1.5	38				
			where fabric is present from 99 to 103, quartz									
			2¢ maximum & parallel to fabric 85-90° to C.A.									
			- a few quartz veinlets 1-3 cm from 95-95.3									
			- local minor pyrite in this section, disseminated									
			- overall 2¢									
			- minor fault @ 96m, 5° to C.A.									
			- generally a competent interval, a few minor									
			slips 20-30° to C.A and fractures at 80° to C.A.									
			103 - 116	662229	102.5	104	1.5	34				
			- as per description from 94.4 to 103, basically	662230	104	105.5	1.5	48				
			intercalated section of weakly foliated to massive	662231	105.5	107	1.5	72				
			metabasalt, foliation more pronounced from 103	662232	107	108.5	1.5	30				
			to 107m.									

* For features such as foliation, bedding, schistosity, measured from the long axis of the core.

* DENOTES ALWAYS ALWAYS ASSAY

Additional credit available. See Assessment Work Regulations.

MMP 23515-1C/D260

FILO EXPLORATION
DIAMOND DRILLING LOG

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HOLE NO. D2 | PAGE NO. 7

DRILLING COMPANY	COLLAR ELEVATION	BEARING OF HOLE FROM TRUE NORTH	TOTAL M.	DIP OF HOLE AT collar °	LOCATION OF HOLE IN RELATION TO A FIXED POINT ON THE CLAIM	MAP REFERENCE NO.	CLAIM NO.
DATE HOLE STARTED / DATE COMPLETED	DATE LOGGED	LOGGED BY		m °		LOCATION (Tp., Lot, Con. OR Lat. and Long.)	
EXPLORATION CO., OWNER OR OPTIONEE	DATE SUBMITTED	SUBMITTED BY (Signature)		m °		PROPERTY NAME	
				m °			

M. FROM	M. TO	ROCK TYPE	DESCRIPTION Colour, grain size, texture, minerals, alteration, etc.	YOUR SAMPLE NUMBER	SAMPLE M. FROM	SAMPLE M. TO	SAMPLE LENGTH	ASSAYS + ppb Au				g/t Au
			-minor foliated sections but principally massive metabasalt from 109-116	662233	108.5	110	1.5	16			*	0.01
			-quartz (extent 2-3% by mass foliated section (103-107), beyond that 1/2-1% veining parallel foliation	662234	110	111.5	1.5	25			*	0.03
				662235	111.5	113	1.5	46			*	0.05
				662236	113	114.5	1.5	13			*	0.04
				662237	114.5	116	1.5	77			*	0.19
			-very minor pyrite in entire interval <1%	662238	116	117.5	1.5	5			*	0.07
			-very competent interval, a few minor slips	662239	117.5	119	1.5	8			*	0.02
			@ 10-15° to C.A. & fractures generally 75-80° to C.A (minor)	662240	119	120.5	1.5	38			*	0.04
				662241	120.5	122	1.5	97			*	0.07
				662242	122	123.5	1.5	100			*	0.12
116	138.5	MAFIC TUFF	- this is a banded light greenish grey unit majority of unit is fine grained unit, some variance of grain size in bands but for the most part a homogenous unit in terms of grain size, at start of unit some very narrow pyrite bands parallel to banding & some tiny garnets as well	662243	123.5	125	1.5	128			*	0.12
				662244	125	126.5	1.5	38				
				662245	126.5	128	1.5	31				
				662246	128	129.5	1.5	14				
				662247	129.5	131	1.5	18				
				662248	131	132.5	1.5	12				
				662249	132.5	134	1.5	<5				
			-some very rare garnet bands noted locally in other parts of unit as well	662250	134	135.5	1.5	14				
			-also some of the bands in this unit are bleached to light grey	662251	135.5	137	1.5	<5				
				662252	137	138.5	1.5	10				
			-unlike previous sheared tuff No porphyritic texture noted in this unit									
			-overall sulphide mineralization is very rare as are quartz veinlets or stringers quartz veinlets & pyrite both <1% & when sulphides are present they are usually in disseminated form & occassional stringer parallel to banding									
			-banding at 85-90° to C.A.									
			-very competent unit, a few minor slips @ 122.4 (20° to C.A.) minor fault @ 125.3 (10° to C.A.); minor fault @ 127.6 (89° to C.A.) with minor gouge									
			-a few fractures parallel to banding (rare)									

* For features such as foliation, bedding, schistosity, measured from the long axis of the core.

* DENOTES AU NOT ALL ASSAY

+ Additional credit available. See Assessment Work Regulations.

FILO EXPLORATION
DIAMOND DRILLING LOG

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HOLE NO. D-2 | PAGE NO. 8

DRILLING COMPANY		COLLAR ELEVATION	BEARING OF HOLE FROM TRUE NORTH	TOTAL M.	DIP OF HOLE AT collar ° / m ° / m ° / m °	LOCATION OF HOLE IN RELATION TO A FIXED POINT ON THE CLAIM	MAP REFERENCE NO.	CLAIM NO.
DATE HOLE STARTED	DATE COMPLETED	DATE LOGGED	LOGGED BY				LOCATION (Tp., Lot, Con. OR Lat. and Long.)	
EXPLORATION CO., OWNER OR OPTIONEE		DATE SUBMITTED	SUBMITTED BY (Signature)				PROPERTY NAME	

M. FROM	M. TO	ROCK TYPE	DESCRIPTION Colour, grain size, texture, minerals, alteration, etc.	YOUR SAMPLE NUMBER	SAMPLE M. FROM	SAMPLE M. TO	SAMPLE LENGTH	ppb ASSAYS + Au				g/t Au
138.5	157	METABASALT	@ 138.5 - 146									
			- GRADATIONAL CONTACT FROM UNIT ABOVE									
			- FINE GRAINED GREY MASSIVE UNIT, ON FRESH SURFACE, PLATE-LIKE FERRO-MAGNESIUM MINERALS									
			- TRACE OF PYRITE & TRACE OF QUARTZ									
			- MINOR FAULT, LOCATED AT 144.3 (40° TO C.A.)									
			- COMPETENT INTERVAL, A FEW MINOR FRACTURES AT 70° TO C.A.									
			@ 146 - 157									
			- AS PER DESCRIPTION ABOVE									
			- FAULT ZONE FROM 147.8 - 148.15, 60° TO C.A, BROKEN BLOCKY SECTION									
			- TRACE PYRITE, & RARE QUARTZ BLEBS, A FEW MINOR SLIPS 15-20° TO C.A., FRACTURES AT 85° TO C.A.									
			- MINOR PINK FELSIC DYKE @ 149 - 149.2, 60° TO C.A									
		MAFIC TUFF?	- UNIT IS FINE GRAINED & COMPRISED OF ALTERNATING GREYISH GREEN BANDS @ 50-55° TO C.A									
			- ON FRESH SURFACE FINE PLATE-LIKE FERRO-MAG MINERALS									
			- UNIT CONTAINS A FEW MINOR QUARTZ STRINGERS AND A VEIN FROM 158.66 - 158.96 (milky white), CONTACT @ 75° TO C.A.									
			- ABOUT 1/2% FINE PYRITE DISSEMINATED THROUGHOUT UNIT									
			E.O.H. 161									
			NOTE: CORE STORED AT PELANGIO FIELD OFFICE, CEDAR HILL CONNAUGHT ONT.									
138.5	157			662253	138.5	140	1.5	<5				
				662254	140	141.5	1.5	6				
				662255	141.5	143	1.5	<5				
				662256	143	144.5	1.5	<5				
				662257	144.5	146	1.5	<5				
				662258	146	147.5	1.5	5				
				662259	147.5	149	1.5	<5				
				662260	149	150.5	1.5	<5				
				662261	150.5	152	1.5	<5				
				662262	152	153.5	1.5	<5				
				662263	153.5	155	1.5	<5				
				662264	155	156	1	13				
				662265	156	157	1	<5				
				662266	157	158	1	<5				
				662267	158	159	1	<5				
				662268	159	160	1	<5				
				662269	160	161	1	<5				

* For features such as foliation, bedding, schistosity, measured from the long axis of the core.

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FILO EXPLORATION
DIAMOND DRILLING LOG

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HOLE NO.	PAGE NO.
D-3	1

DRILLING COMPANY: BRADLEY BROTHERS	COLLAR ELEVATION: NO SURVEY	BEARING OF HOLE FROM TRUE NORTH: 022° AZ	TOTAL M.: NQ 164 m.	DIP OF HOLE AT: collar -45°; 86 m -45°; 164 m -45°; *NOTE QUESTIONABLE AZ m ON; 86-164 m	LOCATION OF HOLE IN RELATION TO A FIXED POINT ON THE CLAIM: LINE 3 EAST STATION 687.5 SOUTH
DATE HOLE STARTED: APRIL 7/97 — DATE COMPLETED: APRIL 11/97	DATE LOGGED: APR 15/97	LOGGED BY: J. K. FILO			MAP REFERENCE NO.: G 1680 — CLAIM NO.: 1208321
EXPLORATION CO., OWNER OR OPTIONEE: RELANGIO LARDER MINES LIMITED	DATE SUBMITTED: MAY 30/97	SUBMITTED BY (Signature):			LOCATION (Tp., Lot, Con. OR Lat. and Long.): WEST OF SUNDAY LAKE; PROPERTY NAME: DN-1

M. FROM	M. TO	ROCK TYPE	DESCRIPTION Colour, grain size, texture, minerals, alteration, etc.	YOUR SAMPLE NUMBER	SAMPLE M. FROM	SAMPLE M. TO	SAMPLE LENGTH	ppb ASSAYS + Au				s/t Au
0	7	CASING		*662270	7	8	1	<5				
				662271	8	9.12	1.12	6				
7		METABASALT	@7-20m	662272	9.12	9.70	0.68	23				
			- massive grey black metabasalt	662273	9.70	11	1.30	42				
			- fine grained on fresh surface, numerous plate like ferro-magnesium minerals	662274	11	12.5	1.5	<5				
			- large pinkish white dyke from 9.12 - 9.70 m/k minor pyrite, sharp upper and lower contacts @ 70° to C.A.	662275	12.5	14	1.5	38				
				662276	14	15.5	1.5	6				
				662277	15.5	17	1.5	10				
				662278	17	18.5	1.5	6				
			- quartz vein 10.22 - 10.42 m, 20° to C.A.	662279	18.5	20	1.5	4				
			- minimal pyrite content 1/2 - 1% maximum, mainly disseminated sulphide	662280	20	21.5	1.5	4				
				662281	21.5	23	1.5	8				
			- outside of quartz vein described above quartz pretty minimal 1/2-1% overall	662282	23	23.55	0.55	362			*	0.37
			- minor fault zone from 11.2 - 11.6 m. some gouge (mud) noted	662283	23.55	26.	2.45	~18				
			- unit appears to be non-magnetic.	NO 662284								
			- a few minor slips noted @ 15° to C.A. and a few fractures @ 40° to C.A., overall a pretty competent interval	662285	26	27.5	1.5	14				
				662286	27.5	29	1.5	9				
			@20 - 29 m.									
			- as per initial description above from 7-20m									
			- 1% quartz, occassional vein or veinlet									
			- no major faults noted in this interval									
			- a few minor slips, once again 15° to C.A. & a few fractures generally 40° to C.A., fairly competent interval once again									
			- @ 23 - 23.55 banded and disseminated pyrite, some quartz floodings & brownish red mica. (10% pyrite)									
			- small white felsic intrusive dyke @ 26.21 - 26.25 with minor quartz stringer									

* For features such as foliation, bedding, schistosity, measured from the long axis of the core.

* DENOTES AU METALLIC ASSAY

+ Additional credit available. See Assessment Work Regulations.

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FILO EXPLORATION
DIAMOND DRILLING LOG

Start a new page for every new hole, but fill in top portion of form only on first page for each new hole.

FILL IN ON EVERY PAGE | HOLE NO. D-3 | PAGE NO. 2

DRILLING COMPANY		COLLAR ELEVATION	BEARING OF HOLE FROM TRUE NORTH	TOTAL M.	DIP OF HOLE AT collar °	LOCATION OF HOLE IN RELATION TO A FIXED POINT ON THE CLAIM	MAP REFERENCE NO.	CLAIM NO.
DATE HOLE STARTED	DATE COMPLETED	DATE LOGGED	LOGGED BY		m °		LOCATION (Tp., Lot, Con. OR Lat. and Long.)	
EXPLORATION CO., OWNER OR OPTIONEE		DATE SUBMITTED	SUBMITTED BY (Signature)		m °		PROPERTY NAME	
					m °			
					m °			

M. FROM	M. TO	ROCK TYPE	DESCRIPTION Colour, grain size, texture, minerals, alteration, etc.	YOUR SAMPLE NUMBER	SAMPLE M. FROM	SAMPLE M. TO	SAMPLE LENGTH	ppb Au	ASSAYS +
			@ 29-41	662287	29	30.5	1.5	11	
			- still a grey black massive mafic volcanic	662288	30.5	31.5	1	124	
			(metabasalt)	662289	31.5	32.	0.5	13	
			- AT 30.5 - 31.5 there is a fault zone, fair	662290	32	33.5	1.5	14	
			amount of broken rock (rubble), some quartz veining	662291	33.5	35	1.5	13	
			and last 50cm of volcanics in fault zone is	662292	35	36.5	1.5	13	
			recrystalized, up to 5% local sulphide (pyr. fe)	662293	36.5	38	1.5	15	
			in vein within fault	662294	38	39.5	1.5	12	
			- numerous slips, at 20° to C.A @ 33, 33.15, 34, +	662295	39.5	41	1.5	9	
			also a few fractures at 60-90° to C.A.	662296	41	42	1	12	
			- small grey feldspar porphyritic mafic dyke @	662297	42	43.05	1.05	10	
			38.3m - 38.21m & 38.80 - 39m, sharp contacts at	662298	43.05	43.75	0.70	5	
			85-90° to C.A, also a similar dyke at 39.67 - 39.74m	662299	43.75	45	1.25	6	
			- trace sulphides + minimal quartz overall in this	662300	45	46	1	15	
			particular interval	662301	46	47	1	11	
				662302	47	48.5	1.5	32	
			@ 41 - 50	662303	48.5	50	1.5	15	
			- still a grey black massive mafic metabasalt,						
			as per initial description @ 7-20m.						
			- from 43.05 - 43.75, pink felsic dyke with						
			some quartz & feldspar phenocrysts, fracture on						
			upper contact, 65° to C.A, lower contact 40° to C.A						
			- AT 46 - 46.34 grey porphyritic mafic dyke as seen						
			in previous interval						
			- minor fault at 46.95 m at 15° to C.A.						
			- once again very sparse sulphides < 1% - trace &						
			very minor quartz						
			- minor fault @ 49.6 AT 15° to C.A						

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MMP 23515-1C/D260

FILO EXPLORATION
DIAMOND DRILLING LOG

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HOLE NO. D-3 | PAGE NO. 3

DRILLING COMPANY	COLLAR ELEVATION	BEARING OF HOLE FROM TRUE NORTH	TOTAL M.	DIP OF HOLE AT collar °	LOCATION OF HOLE IN RELATION TO A FIXED POINT ON THE CLAIM	MAP REFERENCE NO.	CLAIM NO.
DATE HOLE STARTED / DATE COMPLETED	DATE LOGGED	LOGGED BY		m °		LOCATION (Tp., Lot, Con. OR Lat. and Long.)	
EXPLORATION CO., OWNER OR OPTIONEE	DATE SUBMITTED	SUBMITTED BY (Signature)		m °		PROPERTY NAME	
				m °			
				m °			

M. FROM	M. TO	ROCK TYPE	DESCRIPTION Colour, grain size, texture, minerals, alteration, etc.	YOUR SAMPLE NUMBER	SAMPLE M. FROM	SAMPLE M. TO	SAMPLE LENGTH	ASSAYS + ppb Au
			-@ 50-62	662304	50	51.5	1.5	22
			- for the most part still a massive grey-black	662305	51.5	53	1.5	5
			metabasalt as per initial description from 7-20m	662306	53	54.5	1.5	<5
			- some fabric locally, particularly proximal to	662307	54.5	56	1.5	6
			faults	662308	56	57.5	1.5	9
			- fault @ 57.5 (minor), 5° to C.A., also fault at 59.3,	662309	57.5	54	1.5	<5
			5° to C.A., also minor fault @ 60.8m, 15° to C.A.,	662310	54	60.5	1.5	<5
			some foliation associated with faults 85° to C.A.	662311	60.5	62	1.5	8
			- no significant sulphides and only occassional	662312	62	63.5	1.5	<5
			quartz stringer	662313	63.5	65	1.5	6
				662314	65	66.5	1.5	7
			-@ 62-71	662315	66.5	68	1.5	12
			- st. II a grey black massive metabasalt.	662316	68	69.5	1.5	14
			- very minor fabric, 80-85° to C.A.	662317	69.5	71	1.5	<5
			- very minor pyrite <1/2%, minor quartz stringers <1/2%	662318	71	72.5	1.5	<5
			- very competent unit, a few fractures 40-45° to	662319	72.5	74	1.5	5
			C.A. & a few slips 15° to C.A.	662320	74	75.5	1.5	6
				662321	75.5	77	1.5	<5
			@ 71-83	662322	77	78.5	1.5	8
			- grey black massive metabasalt as per description	662323	78.5	80	1.5	16
			@ 7-20m	662324	80	81.5	1.5	10
			- a few rare specks of pyrite, particular from	662325	81.5	83	1.5	20
			80-83, quartz stringers & blebs throughout					
			this interval are very rare <1/2%					
			- fault zone from 76.5-76.8, broken blocky					
			section, fault oriented 10° to C.A.					
			- also some minor slips from 71-83 15° to C.A.					
			& a few fractures noted at 45° to C.A & 75° to C.A.					

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FILO EXPLORATION
DIAMOND DRILLING LOG

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DRILLING COMPANY		COLLAR ELEVATION	BEARING OF HOLE FROM TRUE NORTH	TOTAL M.	DIP OF HOLE AT collar °	LOCATION OF HOLE IN RELATION TO A FIXED POINT ON THE CLAIM	MAP REFERENCE NO.	CLAIM NO.
DATE HOLE STARTED	DATE COMPLETED	DATE LOGGED	LOGGED BY		m °		LOCATION (Tp., Lot, Con. OR Lat. and Long.)	
EXPLORATION CO., OWNER OR OPTIONEE		DATE SUBMITTED	SUBMITTED BY (Signature)		m °		PROPERTY NAME	
					m °			
					m °			

M. FROM	M. TO	ROCK TYPE	DESCRIPTION Colour, grain size, texture, minerals, alteration, etc.	YOUR SAMPLE NUMBER	SAMPLE M. FROM	SAMPLE M. TO	SAMPLE LENGTH	ppb ASSAYS + Au
83	93	WKLY SHEARED METABASALT	- this unit is principally very similar to the metabasalt described previously above, grey black in color & composed basically of mainly ferro-magnesium minerals, fabric present - fault zone noted from start @ 83-86, lots of broken block ground, metabasalt within fault zone moderately sheared & some bleaching, some tiny disseminated sulphide (pyrite) found in shear (<1/2% - fault zone & numerous slips @ 10° to C.A - beyond fault zone, units fabric becomes very minor wkly sheared - a few bands of garnet noted & clots of garnet occassionally associated with a rare quartz vein + fabric at 85° to C.A. - very minor pyrite & veining - tr to 1/2% for both outside of fault zone - becomes more less massive metabasalt by 93m gradational contact	662326	83	84.5	1.5	15
				662327	84.5	86	1.5	16
				662328	86	87.5	1.5	12
				662329	87.5	89	1.5	6
				662330	89	90.5	1.5	6
				662331	90.5	92	1.5	<5
				662332	92	93	1	14
				662333	93	94	1	9
				662334	94	95	1	21
				662335	95	96.5	1.5	13
				662336	96.5	98	1.5	28
				662337	98	99.5	1.5	21
				662338	99.5	101	1.5	7
				662339	101	102.5	1.5	11
				662340	102.5	104	1.5	<5
93		METABASALT	@ 93-104 - once again basically a massive grey black unit that has localized wkly sheared sections, numerous plate-like ferro magnesium minerals making up unit on broken fresh surface - very rare localized disseminated pyrite <1/2% overall, minimal quartz stringers & clots <1/2% overall - where fabric evident it is at 85° to C.A - competent interval, a few minor slips such as at 99m, (10° to C.A), fractures practically non-existent. a couple noted at 70° to C.A.					

* For features such as foliation, bedding, schistosity, measured from the long axis of the core.

+ Additional credit available. See Assessment Work Regulations.

MMP 23515-1C/D260

FILO EXPLORATION
DIAMOND DRILLING LOG

Start a new page for every new hole, but fill in top portion of form only on first page for each new hole.

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HOLE NO. 23 | PAGE NO. 5

DRILLING COMPANY		COLLAR ELEVATION	BEARING OF HOLE FROM TRUE NORTH	TOTAL M.	DIP OF HOLE AT collar °	LOCATION OF HOLE IN RELATION TO A FIXED POINT ON THE CLAIM	MAP REFERENCE NO.	CLAIM NO.
DATE HOLE STARTED	DATE COMPLETED	DATE LOGGED	LOGGED BY		m °		LOCATION (Tp., Lot, Con. OR Lat. and Long.)	
EXPLORATION CO., OWNER OR OPTIONEE		DATE SUBMITTED	SUBMITTED BY (Signature)		m °		PROPERTY NAME	
					m °			
					m °			

M. FROM	M. TO	ROCK TYPE	DESCRIPTION Colour, grain size, texture, minerals, alteration, etc.	YOUR SAMPLE NUMBER	SAMPLE M. FROM	SAMPLE M. TO	SAMPLE LENGTH	ppb Au	ASSAYS +
			- grey wkly sheared quartz feldspar porphyry dyke noted, upper contact 85° to C.A., lower contact associated with fracture at 10° to C.A., dyke from 103.2 – 103.8.	662341	104	105.5	1.5	<5	
				662342	105.5	107	1.5	6	
				662343	107	108.5	1.5	13	
				662344	108.5	110	1.5	7	
				662345	110	111.5	1.5	<5	
			@ 104 – 115.5	662346	111.5	113	1.5	6	
			- once again a metabasalt as at 98-104, some minor, weakly sheared sections once again, shear orientation 70° to C.A.	662347	113	114.5	1.5	9	
				662348	114.5	115.5	1	71	
			- very rare quartz < ½ & rare blebs and/or disseminated pyrite < ½%						
			- a few minor slips such as at 113.4, 15° to C.A., competent section, a few fractures, generally 70° to C.A.						
			- small grey quartz, feldspar porphyritic dyke (70° to C.A) at 107.46 to 108.04						
			- distinctive lower contact with shear zone, 65-70° to C.A.						
115.5	140.25	SHEARED METABASALT	- initially from 115.5 - 117.05 sheared basalt with substantial quartz (grey/white), quartz content estimated to be 45-55% of this first section, numerous veinlets, small veins & clots	662349	115.5	116	0.5	2565	
				662350	116	116.5	0.5	1666	
				662351	116.5	117.05	0.55	343	
			- 4 to 5 bands of brown phlogopite mica in this initial section, fabric at 60° to C.A.						
			- pyrite content minimal in this first section ½-1% maximum						
			- numerous slips in this first section at 15-20° to C.A.						
				662352	117.05	118	0.95	32	
				662353	118	118.5	0.50	51	
			@ 117.05 -- 122.5	662354	118.5	119	0.5	37	
			- this section of metabasalt is considered weakly sheared at best	662355	119	119.5	0.5	243	
				662356	119.5	120	0.5	76	
			- still some bands of phlogopite mica &	662357	120	120.5	0.5	18	

* For features such as foliation, bedding, schistosity, measured from the long axis of the core.

+ Additional credit available. See Assessment Work Regulations.

FILO EXPLORATION
DIAMOND DRILLING LOG

Start a new page for every new hole, but fill in top portion of form only on first page for each new hole.

FILL IN ON EVERY PAGE ▶ HOLE NO. D3 | PAGE NO. 6

DRILLING COMPANY		COLLAR ELEVATION	BEARING OF HOLE FROM TRUE NORTH	TOTAL M.	DIP OF HOLE AT	LOCATION OF HOLE IN RELATION TO A FIXED POINT ON THE CLAIM	MAP REFERENCE NO.	CLAIM NO.
DATE HOLE STARTED	DATE COMPLETED	DATE LOGGED	LOGGED BY		collar m m m		LOCATION (Tp., Lot, Con. OR Lat. and Long.)	
EXPLORATION CO., OWNER OR OPTIONEE		DATE SUBMITTED	SUBMITTED BY (Signature)				PROPERTY NAME	

M. FROM	M. TO	ROCK TYPE	DESCRIPTION Colour, grain size, texture, minerals, alteration, etc.	YOUR SAMPLE NUMBER	SAMPLE M. FROM	SAMPLE M. TO	SAMPLE LENGTH	ppb Au	ASSAYS +			g/t Au
			a few quartz clots, unit is grey black in color and on fresh broken surface the unit is comprised of plate like ferro-magnesium minerals	662358	120.5	121	0.5	22				
			-some fine pyrite in fine bands parallel to fabric at 85° to C.A., also some disseminated pyrite, trace of chalcopyrite, overall pyrite content estimated at 1% overall, some sections like 119 to 120 contain more pyrite 2%.	662359	121	121.5	0.5	15				
				662360	121.5	122	0.5	15				
				662361	122	122.5	0.5	83				
				662362	122.5	123	0.5	856				
				662363	123	123.5	0.5	77				
				662364	123.5	124	0.5	882				
				662365	124	124.5	0.5	21				
			-a number of slips noted within this interval at 15° to C.A., a few minor fractures parallel to fabric (80-85° to C.A.)	662366	124.5	125	0.5	23				
				662367	125	125.5	0.5	42				
				662368	125.5	126	0.5	6				
			-note minor quartz vein / felsic intrusive dyke at 117.4-117.7, pyrite noted	662369	126	126.5	0.5	15				
				662370	126.5	127	0.5	14				
				662371	127	127.5	0.5	34				
			@ 122.5-134	662372	127.5	128	0.5	196				
			-this section is the principal portion of the shear zone, very similar to that found in hole D-2	662373	128	128.5	0.5	124				
				662374	128.5	129	0.5	46				
				662375	129	129.5	0.5	102				
			-this unit is grey black color, it has a very strong to moderate fabric, fabric is oriented at 80-85° to C.A	662376	129.5	130	0.5	88				
				662377	130	130.5	0.5	54				
				662378	130.5	131	0.5	164				
			-numerous bands of brownish phlogopite mica	662379	131	131.5	0.5	55				
			-quartz veins & clots locally present, increase in quartz noted from 127-128m (22) & from 132.5-133.5 (152-202), mainly greyish white veins, also a greyish white vein noted from 122.65 to 123m, bull white quartz vein noted from 123.69-124, minor greyish white stringers noted proximal to upper contact of bull white quartz	662380	131.5	132	0.5	230				
				662381	132	132.5	0.5	59				
				662382	132.5	133	0.5	314				
				662383	133	133.5	0.5	570				
				662384	133.5	134	0.5	54				
				662385	134	134.5	0.5	75				
				662386	134.5	135	0.5	159				
			contacts of veins parallel fabric for the most part	662387	135	135.5	0.5	12			*	0.03
			-small gabbro dyke noted at 124.96-125.32, sharp upper & lower contacts, 35° & 65° to C.A. respectively.	662388	135.5	136	0.5	83			*	0.08
				662389	136	136.5	0.5	275			*	0.41
*				662340	136.5	137	0.5	62			*	0.09

* For features such as foliation, bedding, schistosity, measured from the long axis of the core.

* DENOTES ALL METALLIC ASSAY

+ Additional credit available. See Assessment Work Regulations.

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FILO EXPLORATION
DIAMOND DRILLING LOG

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HOLE NO. 03 | PAGE NO. 7

DRILLING COMPANY		COLLAR ELEVATION	BEARING OF HOLE FROM TRUE NORTH	TOTAL M.	DIP OF HOLE AT collar °	LOCATION OF HOLE IN RELATION TO A FIXED POINT ON THE CLAIM	MAP REFERENCE NO.	CLAIM NO.
DATE HOLE STARTED	DATE COMPLETED	DATE LOGGED	LOGGED BY		m °		LOCATION (Tp., Lot, Con. OR Lat. and Long.)	
EXPLORATION CO., OWNER OR OPTIONEE		DATE SUBMITTED	SUBMITTED BY (Signature)		m °		PROPERTY NAME	
					m °			
					m °			

M. FROM	M. TO	ROCK TYPE	DESCRIPTION Colour, grain size, texture, minerals, alteration, etc.	YOUR SAMPLE NUMBER	SAMPLE M. FROM	SAMPLE M. TO	SAMPLE LENGTH	ppb ASSAYS + Au				S/E Au
			- a number of grey sheared quartz feldspar porphyry dykes noted @ 123.3-123.65, 124.6-124.85, 125.35-125.45, 126.85-127.25, 132.12-132.30, contacts parallel the fabric	662391	137	137.5	0.5	123			*	0.18
				662392	137.5	138	0.5	106			*	0.13
				662393	138	138.5	0.5	284			*	0.27
				662394	138.5	139	0.5	121			*	0.19
				662395	139	139.5	0.5	2443			*	1.30
				662396	139.5	140.25	0.75	219			*	0.71
			- variable sulphide content, 1% maximum overall, disseminated form and occasional stringer, sulphide content increases with grey white veining									
			- number of slips noted @ 15° to C.A. particularly between 127-129.5, a few minor fractures generally parallel to fabric 80-85° to C.A.									
			@ 134-140.25									
			- this section is a continuation of the sheared metabasalt described in previous interval									
			- this section is moderately to strongly sheared, fabric is oriented at 80-85° to C.A.									
			- bands of brownish-red phlogopite? mica present once again									
			- quartz clots & veinlets & stringers, pretty rare in this interval, one veinlet of white quartz from 136.45-136.60, contacts parallel fabric (85° to C.A)									
			- still some sections that represent sheared grey quartz feldspar porphyritic dykes @ 134.15-134.35, 134.5-134.85, 137.2-137.3, a number of smaller dykes as well 2-4 cm.									
			- locally some fine pyrite but overall 1% maximum									
			- a few slips in this section at 5-10° to C.A, particularly from 134-135m.									

* For features such as foliation, bedding, schistosity, measured from the long axis of the core.

* DENOTES Au METALLIC ASSAY

+ Additional credit available. See Assessment Work Regulations.

FILO EXPLORATION
DIAMOND DRILLING LOG

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FILL IN ON EVERY PAGE ▶ HOLE NO. D3 | PAGE NO. 8

DRILLING COMPANY		COLLAR ELEVATION	BEARING OF HOLE FROM TRUE NORTH	TOTAL M.	DIP OF HOLE AT collar °	LOCATION OF HOLE IN RELATION TO A FIXED POINT ON THE CLAIM	MAP REFERENCE NO.	CLAIM NO.
DATE HOLE STARTED	DATE COMPLETED	DATE LOGGED	LOGGED BY		m °		LOCATION (Tp., Lot, Con. OR Lat. and Long.)	
EXPLORATION CO., OWNER OR OPTIONEE		DATE SUBMITTED	SUBMITTED BY (Signature)		m °		PROPERTY NAME	
					m °			
					m °			

M. FROM	M. TO	ROCK TYPE	DESCRIPTION Colour, grain size, texture, minerals, alteration, etc.	YOUR SAMPLE NUMBER	SAMPLE M. FROM	SAMPLE M. TO	SAMPLE LENGTH	ASSAYS + ppb Au				g/t Au
140.25	146	METABASALT FAULT ZONE	- @ 140.25 slickenslides on slip plane & distinct start to fault zone, gouge noted at 140.95, between 140.25 & 140.95, blocky & broken, start @ 15° to C.A. - from 140.95 - 142 weakly to moderately sheared metabasalt, some minor altered porphyritic dykes as well, also a few minor quartz stringers; some weak silicification of this unit - beyond 142 unit has a greenish color & is aphanitic, has a "chert like" appearance, this may be silica flooding or weak but pervasive silicification of unit - also beyond 142 - to end of fault zone numerous slip's @ 5-10° to C.A., broken & blocky, Ground. - some orange mineral K-spar?, found within this section - last metre of fault zone somewhat less altered, more of a mottled appearance - some fine pyrite throughout fault zone; 1-2% overall, some sections contain more, i.e 142-142.5 - lower contact of fault @ 15° to C.A	662397	140.25	140.75	0.50	258			*	0.43
				662398	140.75	142	1.25	744			*	0.66
				662399	142	143	1	12			*	0.02
				662400	143	144	1	7				
				662401	144	145	1	8				
				662402	145	146	1	13				
146	148.65	METABASALT	- this section of metabasalt has a "marbled" appearance, a number of randomly oriented quartz stringers are present (3-4% of unit) - this portion of the metabasalt is fine grained and is altered due to its proximity to the fault - in a section of this unit has a minor grey sheared quartz feldspar porphyry dike 10-20cm, long, similar to that found in the sheared metabasalt described previously - ground broken lower contact - slips within this unit minor & usually 10-15° to CA - some pyrite unit (minor) 1% maximum overall	662403	146	146.5	0.5	14				
				662404	146.5	147	0.5	8				
				662405	147	147.5	0.5	178				
				662406	147.5	148	0.5	41				
				662407	148	148.65	0.65	8				

* For features such as foliation, bedding, schistosity, measured from the long axis of the core.

* DENOTES Au metallic ASSAY +

+ Additional credit available. See Assessment Work Regulations.

MMP 23515-1C/D260

FILO EXPLORATION
DIAMOND DRILLING LOG

Start a new page for every new hole, but fill in top portion of form only on first page for each new hole.

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HOLE NO. D-3 | PAGE NO. 9

DRILLING COMPANY	COLLAR ELEVATION	BEARING OF HOLE FROM TRUE NORTH	TOTAL M.	DIP OF HOLE AT collar	LOCATION OF HOLE IN RELATION TO A FIXED POINT ON THE CLAIM	MAP REFERENCE NO.	CLAIM NO.
DATE HOLE STARTED / DATE COMPLETED	DATE LOGGED	LOGGED BY		m / m / m / m		LOCATION (Tp., Lot, Con. OR Lat. and Long.)	
EXPLORATION CO., OWNER OR OPTIONEE	DATE SUBMITTED	SUBMITTED BY (Signature)				PROPERTY NAME	

M. FROM	M. TO	ROCK TYPE	DESCRIPTION Colour, grain size, texture, minerals, alteration, etc.	YOUR SAMPLE NUMBER	SAMPLE M. FROM	SAMPLE M. TO	SAMPLE LENGTH	ppb Au	ASSAYS +
148.65	149.5	QUARTZ VEIN	- grey black quartz vein, with 1/2-1% sphalerite, specks of chalcopyrite & pyrite & an unknown grey metallic mineral, a few slips within vein itself 10° to C.A. - lower contact sharp & oriented at about 80° to C.A.	662408	148.65	149.5	0.85	1505	
				662409	149.5	150	0.5	23	
149.5	158	METABASALT	@ 149.5-158 - grey black unit, for the most part this unit is massive but there are sections of it over 30-40cm that are foliated - on fresh surface unit similar to other previously described metabasalts in this hole, basically comprised of ferro-magnesium minerals (plate-like appearance) - fairly competent unit with a few slips generally 30° to C.A., fractures generally parallel to fabric (80° to C.A.) these are few in number - some quartz stringers & quartz clots that generally parallel fabric 20-80° to C.A., these make up 1-2% of unit, occassionally these stringers main contain sulphides including sphalerite & chalcopyrite & pyrite such as at 156.8m - some disseminated pyrite in this unit as well perhaps 1% overall - contact below somewhat gradational	662410	150	150.5	0.5	22	
				662411	150.5	151	0.5	25	
				662412	151	151.5	0.5	20	
				662413	151.5	152	0.5	34	
				662414	152	152.5	0.5	84	
				662415	152.5	153	0.5	60	
				662416	153	153.5	0.5	143	
				662417	153.5	154	0.5	25	
				662418	154	154.5	0.5	3	
				662419	154.5	155	0.5	23	
				662420	155	155.5	0.5	32	
				662421	155.5	156	0.5	9	
				662422	156	156.5	0.5	24	
				662423	156.5	157	0.5	16	
				662424	157	157.5	0.5	43	
				662425	157.5	158	0.5	31	
				662426	158	159	1	57	
158	164	MAFIC TUFF	- this unit comprised grey black and black bands, bedding at 75-80° to C.A. - slightly different grain size in bands - some quartz stringer & quartz clots noted, these are minor & generally parallel the banding, estimate - minimal pyrite nodules <1/2% - a few slips noted myon, particularly in the 1st metre of this section 10-15° to C.A. - some fractures present, generally these	662427	159	160	1	94	
				662428	160	161	1	137	
				662429	161	162	1	53	
				662430	162	163	1	50	
				662431	163	163.5	0.5	44	
				662432	163.5	164	0.5	94	

* For features such as foliation, bedding, schistosity, measured from the long axis of the core.

+ Additional credit available. See Assessment Work Regulations.

FILO EXPLORATION
DIAMOND DRILLING LOG

Start a new page for every new hole, but fill in top portion of form only on first page for each new hole.

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HOLE NO.	PAGE NO.
D-3	10

DRILLING COMPANY		COLLAR ELEVATION	BEARING OF HOLE FROM TRUE NORTH	TOTAL M.	DIP OF HOLE AT collar °	LOCATION OF HOLE IN RELATION TO A FIXED POINT ON THE CLAIM	MAP REFERENCE NO. / CLAIM NO.
DATE HOLE STARTED	DATE COMPLETED	DATE LOGGED	LOGGED BY		m °		LOCATION (Tp., Lot, Con. OR Lat. and Long.)
EXPLORATION CO., OWNER OR OPTIONEE		DATE SUBMITTED	SUBMITTED BY (Signature)		m °		PROPERTY NAME
					m °		
					m °		

M. FROM	M. TO	ROCK TYPE	DESCRIPTION Colour, grain size, texture, minerals, alteration, etc.	YOUR SAMPLE NUMBER	SAMPLE M. FROM	SAMPLE M. TO	SAMPLE LENGTH	ASSAYS +
			PARALLEL THE FABRIC					
			E.O.H. 164m					
			NOTE: CORE STORED AT PELANGIO FIELD OFFICE CEDAR HILL, CONNAUGHT ONT.					

* For features such as foliation, bedding, schistosity, measured from the long axis of the core.

\+ Additional credit available. See Assessment Work Regulations.

FILO EXPLORATION
DIAMOND DRILLING LOG

Start a new page for every new hole, but fill in top portion of form only on first page for each new hole.

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HOLE NO. D-4 | PAGE NO. 1

DRILLING COMPANY: BRADLEY BROTHERS	COLLAR ELEVATION: NO SURVEY	BEARING OF HOLE FROM TRUE NORTH: 022° AZ	TOTAL M.: NQ 241.6 m	DIP OF HOLE AT: collar -45°; 125 m 223° AZ -47° DIP; 242 m -44° DIP; Questionable Az ° m; @ 242 m, NOT SHOWN m	LOCATION OF HOLE IN RELATION TO A FIXED POINT ON THE CLAIM: LINE 2 EAST STATION 005 SOUTH
DATE HOLE STARTED: April 11/97 — DATE COMPLETED: April 13/97	DATE LOGGED: Apr. 22/97	LOGGED BY: J. K. FILO			MAP REFERENCE NO.: G-1680 — CLAIM NO.: 1208321
EXPLORATION CO., OWNER OR OPTIONEE: PELANGIO LARDER MINES LIMITED	DATE SUBMITTED: MAY 30/97	SUBMITTED BY (Signature):			LOCATION (Tp., Lot, Con. OR Lat. and Long.): WEST OF SUNDAY LAKE — PROPERTY NAME: DN-1

M. FROM	M. TO	ROCK TYPE	DESCRIPTION (Colour, grain size, texture, minerals, alteration, etc.)	YOUR SAMPLE NUMBER	SAMPLE M. FROM	SAMPLE M. TO	SAMPLE LENGTH	ppb Au	ASSAYS +	g/t Au
0	15.9	CASING	*	662433	15.9	17	1.1	5		
				662434	17	18.5	1.5	<5		
15.9	37.25	METABASALT	- massive grey black unit, black platy like ferro-magnesium minerals on fresh broken surface of unit	662435	18.5	20	1.5	12		
			- reasonably competent unit but a few slips noted as follows, 17.75 (15° to C.A.), 17.90 (15° to C.A.), 18.45 (15° to C.A.), 23.5 to 24.05, slip @ 5° to C.A., 26.36 (25° to C.A.), 27.5 (30° to C.A.), 30.4 (15° to C.A.) & 33.4 (15° to C.A.)	662436	20	21.5	1.5	<5		
				662437	21.5	23	1.5	<5		
				662438	23	24.5	1.5	<5		
				662439	24.5	26	1.5	6		
				662440	26	27.5	1.5	5		
				662441	27.5	29	1.5	<5		
				662442	29	30.5	1.5	8		
			- a number of fractures in this interval, generally 60-70° to C.A.	662443	30.5	32	1.5	9		
				662444	32	33.5	1.5	8		
			- very minor fine pyrite noted, usually disseminated material 1-2% maximum	662445	33.5	35	1.5	<5		
				662446	35	36	1.0	8		
			- occassionally what appears to be a vesicle or two that has been infilled with quartz	662447	36	36.6	0.60	13		
				662448	36.6	37.25	0.65	43		
			- a few quartz stringers noted, these make up 1-2% of unit maximum, these stringers infill fractures & slips thus orientation varies and is at 15° to C.A. to 60-70° to C.A.	662449	37.25	38	0.75	82	*	0.09
				662450	38	38.5	0.50	162	*	0.18
				662451	38.5	39	0.50	54	*	0.08
				662452	39	39.42	0.42	44	*	0.10
			- small granitic dyke @ 20° to C.A noted at 19 to 19.03	662453	39.42	40	0.58	10		
			- from 36.6 to 37.25, volcanic, prior to lower quartz vein becomes slightly bleached and contains significant phlogopite mica bands & there is 4-5% fine pyrite in this last interval, some quartz							
			- lower contact sharp but ocular							
37.25	39.42	QUARTZ VEIN	- quartz vein with stringers & disseminated pyrite 2-3%, wall rock material within vein (37.52 of this section) visible gold noted at 38.92 m.							
39.42	57.50	MAFIC TUFF?								
			- banded unit comprised of grey/black & grey green bands							

* For features such as foliation, bedding, schistosity, measured from the long axis of the core.

+ Additional credit available. See Assessment Work Regulations.

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FILO EXPLORATION
DIAMOND DRILLING LOG

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FILL IN ON EVERY PAGE | HOLE NO. D-4 | PAGE NO. 2

DRILLING COMPANY		COLLAR ELEVATION	BEARING OF HOLE FROM TRUE NORTH	TOTAL M.	DIP OF HOLE AT	LOCATION OF HOLE IN RELATION TO A FIXED POINT ON THE CLAIM	MAP REFERENCE NO.	CLAIM NO.
DATE HOLE STARTED	DATE COMPLETED	DATE LOGGED	LOGGED BY		collar °		LOCATION (Tp., Lot, Con. OR Lat. and Long.)	
EXPLORATION CO., OWNER OR OPTIONEE		DATE SUBMITTED	SUBMITTED BY (Signature)		m °		PROPERTY NAME	

M. FROM	M. TO	ROCK TYPE	DESCRIPTION Colour, grain size, texture, minerals, alteration, etc.	YOUR SAMPLE NUMBER	SAMPLE M. FROM	SAMPLE M. TO	SAMPLE LENGTH	ppb ASSAYS + Au
			- once again this unit is primarily made up of plate like ferro-magnesium minerals	662454	40	41	1	<5
			- some greyish white quartz stringers & clots particularly from 47-50, however overall quartz in this unit 1-2% maximum.	662455	41	42	1	6
			- fair amount of fine disseminated pyrite throughout entire unit, perhaps 2-3%	662456	42	43	1	7
			- V.G.? @ 47.1 ??? in volcanic & not associated w/ quartz, smeared 3-4 specks?	662457	43	44	1	<5
			- small grey quartz-feldspar porphyry dyke from 45.3 to 45.37, contacts sharp @ 80-85°	662458	44	45	1	43
			- some phlogopite mica from 43.85-44, this is the only spot within this unit where this is noted	662459	45	46	1	<5
			- quartz grey buff white color with K-spar, epidote? & some fine pyrite 1-2% from 56.36-50.64, sharp contacts @ 85-90° to C.A.	662460	46	47	1	<5
			- fabric in this unit oriented 70°-80° to C.A., some fractures (veins) parallel this orientation	662461	47	47.5	0.5	5
			- fairly competent unit, some minor slips as follows @ 50.3m (15° to C.A.), @ 50.85 (15° to C.A.), AT 52.7-53, 5° to C.A.	662462	47.5	48	0.5	5
			- sharp lower contact along quartz vein, 85° to C.A.	662463	48	49	1	<5
				662464	49	50	1	7
				662465	50	51	1	<5
				662466	51	52.0	1	<5
				662467	52	52.5	0.5	<5
52.50		METABASALT	@ 52.5-54					
			- weakly bleached for 1st metre beyond slip AT 52.7-53	662468	52.5	53	0.5	8
				662469	53	54.5	1.5	<5
			- after 53m generally a massive grey black unit with very minor local fabric	662470	54.5	56	1.5	14
			- very minor pyrite 1-2% maximum, a few quartz stringers	662471	56	57.5	1.5	13
			- fairly competent, internal, a few slips @ 15-20° to C.A. & a few minor fractures @ 75° to C.A.	662472	57.5	59	1.5	22

* For features such as foliation, bedding, schistosity, measured from the long axis of the core.

+ Additional credit available. See Assessment Work Regulations.

FILO EXPLORATION
DIAMOND DRILLING LOG

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HOLE NO. DY | PAGE NO. 3

DRILLING COMPANY		COLLAR ELEVATION	BEARING OF HOLE FROM TRUE NORTH	TOTAL M.	DIP OF HOLE AT collar °	LOCATION OF HOLE IN RELATION TO A FIXED POINT ON THE CLAIM	MAP REFERENCE NO.	CLAIM NO.
DATE HOLE STARTED	DATE COMPLETED	DATE LOGGED	LOGGED BY		m °		LOCATION (Tp., Lot, Con. OR Lat. and Long.)	
EXPLORATION CO., OWNER OR OPTIONEE		DATE SUBMITTED	SUBMITTED BY (Signature)		m °		PROPERTY NAME	
					m °			
					m °			

M. FROM	M. TO	ROCK TYPE	DESCRIPTION Colour, grain size, texture, minerals, alteration, etc.	YOUR SAMPLE NUMBER	SAMPLE M. FROM	SAMPLE M. TO	SAMPLE LENGTH	ppb Au	ASSAYS +			
			-small felsic dyke pinkish in color, somewhat feldspar porphyritic, sharp contacts @ 85° to C.A., dyke @ 58.15 - 58.25	662473	59	60.5	1.5	10				
				662474	60.5	62	1.5	7				
				662475	62	63.5	1.5	18				
				662476	63.5	65	1.5	9				
			-@ 59-80 m	662477	65	66.5	1.5	18				
				662478	66.5	68	1.5	9				
			-basically a very homogeneous competent section of metaBASALT, a few minor sections of weakly foliated	662479	68	69.5	1.5	10				
				662480	69.5	71	1.5	10				
			volcanic over 30-40cm locally	662481	71	72.5	1.5	9				
			-this section as per initial description from 52.5-59	662482	72.5	74	1.5	65				
			-very sparse mineralization 1-2% maximum	662483	74	75.5	1.5	15				
			-quartz veining & chls very minimal overall <1/2%,	662484	75.5	77	1.5	13				
			the majority of quartz observed exists @ 73-73.5 &	662485	77	78.5	1.5	13				
			74.5-75.5m	662486	78.5	80	1.5	8				
			-very few slips noted, the more significant but	662487	80	81.5	1.5	8				
			still very minor slips are generally 15-10° to C.A.,	662488	81.5	83	1.5	9				
			such as at 64.2m, 65.7m & 73.2m	662489	83	84.5	1.5	10				
			-some minor red/brown phlogopite mica AT 65.3m,	662490	84.5	86	1.5	10				
			some fabric (weak shear @ 65-65.5) oriented 80-85°	662491	86	87.5	1.5	18				
			to C.A.	662492	87.5	89	1.5	14				
				662493	89	90	1	9				
			80-93.34	662494	90	91	1	6				
			-still a metabasalt, no significant change, as	662495	91	92	1	12				
			per initial description AT 52.5-59	662496	92	93.	1	<5				
			-at 86m noted slight increase in pyrite in disseminated	662497	93	93.34	0.34	58				
			form & tiny stringers still overall 1/2% but perhaps									
			1-2% from 86m. to 93.34.									
			-quartz veining in this section very minimal <1/2%									
			-a few minor slips once again noted (1 arc & minor) at									
			82 (5° to C.A.), 88.2 (10° to C.A.), 89.6 (15° to C.A.)									
			-grayish quartz feldspar porphyry dyke noted @ 89.63-89.82,									
			sharp contacts at 88° to C.A.									
			-an increase in foliation in last 1.5m of sample									
			prior to lower contact (weakly foliated) 85°									
			to C.A.									

* For features such as foliation, bedding, schistosity, measured from the long axis of the core.

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DIAMOND DRILLING LOG

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DRILLING COMPANY		COLLAR ELEVATION	BEARING OF HOLE FROM TRUE NORTH	TOTAL M.	DIP OF HOLE AT collar °	LOCATION OF HOLE IN RELATION TO A FIXED POINT ON THE CLAIM	MAP REFERENCE NO.	CLAIM NO.
DATE HOLE STARTED	DATE COMPLETED	DATE LOGGED	LOGGED BY		m °		LOCATION (Tp., Lot, Con. OR Lat. and Long.)	
EXPLORATION CO., OWNER OR OPTIONEE		DATE SUBMITTED	SUBMITTED BY (Signature)		m °			
					m °		PROPERTY NAME	
					m °			

M. FROM	M. TO	ROCK TYPE	DESCRIPTION Colour, grain size, texture, minerals, alteration, etc.	YOUR SAMPLE NUMBER	SAMPLE M. FROM	SAMPLE M. TO	SAMPLE LENGTH	ASSAYS + pp b Au
93.34	95.65	QUARTZ VEIN	- sharp upper contact AT 70° to C.A.	662498	93.34	94.06	0.72	95
			- greyish white quartz vein with some sheared mafic volcanic wall rock within vein	662499	94.06	94.45	0.39	187
			- overall pyrite content in vein and wall rock	662500	94.45	95.10	0.65	1165
			material approximately 2, traces of chalco/pyrite	662501	95.10	95.37	0.27	125
			- vein material from 93.34 - 94.06, sheared mafic	662502	95.37	95.85	0.48	30
			volcanic (metabasalt) from 94.06 - 94.45, quartz vein again from 94.45 - 95.10, sheared metabasalt from					
			95.10 - 95.37, last portion of this interval contains numerous quartz veinlets too, volcanic is sericitic altered (95.37 - 95.85)					
			@ 96.85 - 101					
95.65	115.4	SHEARED METABASALT	- unit similar to that described in holes D2 & D3	662503	95.85	96.5	0.65	119
			- contains bands of greyish black and greyish white	662504	96.5	97	0.5	10
			altered volcanic (metabasalt)	662505	97	97.5	0.5	5
			- if fresh surface of core examined, unit	662506	97.5	98	0.5	5
			principally composed of platey ferro-magnesium	662507	98	98.5	0.5	9
			minerals	662508	98.5	99	0.5	23
			- 9/80 some reddish brown bands of phlogopite	662509	99	99.5	0.5	17
			mica, (minor)	662510	99.5	100	0.5	5
			- some portions of greyish porphyritic material, these	662511	100	100.5	0.5	14
			sections thought to be possibly sheared porphyritic	662512	100.5	101	0.5	14
			dykes, these are at 98.90 to 99; & 96.3 - 96.95, numerous					
			other smaller dykes exist as well in this interval					
			- minor slip with block broken core noted from 96 to					
			96 - 96.25					
			- in this first interval quartz veins almost non-					
			existant / some pyrite 1-2%					

* For features such as foliation, bedding, schistosity, measured from the long axis of the core.

+ Additional credit available. See Assessment Work Regulations.

FILO EXPLORATION
DIAMOND DRILLING LOG

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HOLE NO. 04 | PAGE NO. P.5

DRILLING COMPANY	COLLAR ELEVATION	BEARING OF HOLE FROM TRUE NORTH	TOTAL M.	DIP OF HOLE AT	LOCATION OF HOLE IN RELATION TO A FIXED POINT ON THE CLAIM	MAP REFERENCE NO.	CLAIM NO.
				collar			
DATE HOLE STARTED / DATE COMPLETED	DATE LOGGED	LOGGED BY		m °		LOCATION (Tp., Lot, Con. OR Lat. and Long.)	
EXPLORATION CO., OWNER OR OPTIONEE	DATE SUBMITTED	SUBMITTED BY (Signature)		m ° / m ° / m °		PROPERTY NAME	

M. FROM	M. TO	ROCK TYPE	DESCRIPTION Colour, grain size, texture, minerals, alteration, etc.	YOUR SAMPLE NUMBER	SAMPLE M. FROM	SAMPLE M. TO	SAMPLE LENGTH	ASSAYS + Au ppb
			@101 - 115.4	662513	101	101.5	0.5	24
			- as per initial description @ 96.85 to 101	662514	101.5	102	0.5	35
			- significant amounts of porphyritic material from	662515	102	102.5	0.5	21
			102.5 - 104.25, sheared gray intrusive? with	662516	102.5	103	0.5	28
			porphyritic texture (Quartz feldspar porphyry)	662517	103	103.5	0.5	24
			- also minor quartz veinlet associated with	662518	103.5	104	0.5	51
			reddish brown mica (phlogopite?)	662519	104	104.5	0.5	27
			- note, bleached section with clots of pyrite	662520	104.5	105	0.5	6
			from 103.1 - 103.4	662521	105	105.5	0.5	20
			- minor slip noted @ 104, 15° to C.A.	662522	105.5	106	0.5	43
			- section of porphyritic rock from 105.2 - 106.1	662523	106	106.5	0.5	34
			- increase in reddish brown mica from 106.3 - 106.7	662524	106.5	107	0.5	66
			- also increase in reddish brown mica from	662525	107	107.6	0.6	32
			107.3 to 108.8 and quartz vein from 107.6 - 107.87	662526	107.6	107.87	0.27	71
			- two pinkish foliated or sheared felsic	662527	107.87	108.5	0.63	24
			porphyritic dykes noted at 111.2 - 111.48 +	662528	108.5	109	0.50	8
			112.45 - 112.73	662529	109	109.5	0.5	5
			- very strong shearing some grey feldspar	662530	109.5	110	0.5	9
			porphyritic dyke material, with lots of reddish	662531	110	110.5	0.5	12
			brown mica & occassional & some minor pyritic	662532	110.5	111	0.5	18
			stringers & occassional disseminated sulphides	662533	111	111.5	0.5	43
			1/2% max from 113 - 114.3	662534	111.5	112	0.5	151
			- minor fault zone from 114.3 - 114.5, ground	662535	112	112.5	0.5	321
			blocky broken ground, lower contact, along a	662536	112.5	113	0.5	95
			slip 15° to C.A.	662537	113	113.5	0.5	144
			- minor sulphides overall in this unit 1-2%,	662538	113.5	114	0.5	18
			- fabric orientation 85-90° to C.A.	662539	114	114.5	0.5	30
				662540	114.5	115	0.5	21
				662541	115	115.4	0.4	5

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DIAMOND DRILLING LOG

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HOLE NO.	PAGE NO.
D4	P.6

DRILLING COMPANY		COLLAR ELEVATION	BEARING OF HOLE FROM TRUE NORTH	TOTAL M.	DIP OF HOLE AT collar °	LOCATION OF HOLE IN RELATION TO A FIXED POINT ON THE CLAIM	MAP REFERENCE NO.	CLAIM NO.
DATE HOLE STARTED	DATE COMPLETED	DATE LOGGED	LOGGED BY		m °		LOCATION (Tp., Lot, Con. OR Lat. and Long.)	
EXPLORATION CO., OWNER OR OPTIONEE		DATE SUBMITTED	SUBMITTED BY (Signature)		m °		PROPERTY NAME	
					m °			
					m °			

M. FROM	M. TO	ROCK TYPE	DESCRIPTION Colour, grain size, texture, minerals, alteration, etc.	YOUR SAMPLE NUMBER	SAMPLE M. FROM	SAMPLE M. TO	SAMPLE LENGTH	ppb Au	ASSAYS +
115.4	126.9	MAFIC TUFF?	- banded to locally massive unit	662542	115.4	116	1	11	
			- massive sections grey black in color, massive sections more prominent in the last couple of metres of unit, once again if broken section of core observed, it can be noted that unit principally made up of plate like ferro-magnesium minerals	662543	116	117	1	43	
				662544	117	118	1	24	
				662545	118	119	1	227	
				662546	119	120	1	116	
				662547	120	121	1	158	
				662548	121	122	1	129	
			- in banded sections (banding 85-90° to C.A.)	662549	122	123	1	261	
			unit comprised of greenish grey & grey black	662550	123	124	1	244	
			bands, some minor change in grain size from	662551	124	125	1	146	
			band to band still banded section still principally	662552	125	126	1	325	
			made up of plate-like ferro-magnesium minerals	662553	126	126.9	0.9	192	
			- increase in fine pyrrhotite, pyrite & trace of chalco from 117.5-118 in a more massive section	662554	126.9	128	1.1	146	
			- beyond 118, sulphides very RARE, occassionally	662555	128	129	1	86	
			strips of pyrite, chalco & pyrrhotite overall sulphide	662556	129	130	1	444	
			content in this unit 1/2% maximum	662557	130	131	1	343	
			- very minor quartz stringers noted (RARE)	662558	131	132	1	329	
			particularly from 124-128 m	662559	132	133	1	254	
			- a few minor slips noted 122.9 (30° to C.A.),	662560	133	134	1	213	
			126.5 (30° to C.A.), 127.75 (15° to C.A.)	662561	134	135	1	127	
				662562	135	136	1	94	
126.9	152.5	METABASALT	- very similar to original unit in this hole at 15.9-37.25	662563	136	137	1	133	
				662564	137	138	1	130	
			- this particular unit from 126.9-143 is a grey black unit once again that is reasonably	662565	138	139	1	36	
			competent unit, but a few slips are noted	662566	139	140	1	74	
			as follows: 127.5m (15° to C.A.), 129.3 (15° to C.A.),	662567	140	140.5	0.5	125	
			130.25 (70° to C.A.), 136.9 (15° to C.A.), 137.1, 137.4,	662568	140.5	141	0.5	16	
			both 15° to C.A.	662569	141	142	1	31	
			- minor fault zone from 139.1-139.75, broken blocky	662570	142	143	1	38	
			zone						
			- unusual texture from 129.5-133 that resembles						
			coalescing of variolas? or this maybe altered pillow salvage material						

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DIAMOND DRILLING LOG

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DRILLING COMPANY		COLLAR ELEVATION	BEARING OF HOLE FROM TRUE NORTH	TOTAL M.	DIP OF HOLE AT collar °	LOCATION OF HOLE IN RELATION TO A FIXED POINT ON THE CLAIM	MAP REFERENCE NO.	CLAIM NO.
DATE HOLE STARTED	DATE COMPLETED	DATE LOGGED	LOGGED BY		m °		LOCATION (Tp., Lot, Con. OR Lat. and Long.)	
EXPLORATION CO., OWNER OR OPTIONEE		DATE SUBMITTED	SUBMITTED BY (Signature)		m °			
					m °		PROPERTY NAME	
					m °			

M. FROM	M. TO	ROCK TYPE	DESCRIPTION Colour, grain size, texture, minerals, alteration, etc.	YOUR SAMPLE NUMBER	SAMPLE M. FROM	SAMPLE M. TO	SAMPLE LENGTH	ASSAYS + ppb Au
			- very rare quartz, almost non-existant	662571	143	144.35	1.35	41
			- very minor sulphides in this section of unit	662572	144.35	144.55	0.20	244
			1/2-1% maximum but section from 133.5-137.5	662573	144.55	146	1.45	107
			may contain 1-2, sulphides in this unit	662574	146	147.5	1.50	111
			pyrite	662575	147.5	149	1.50	64
			- minor shear from 140-140.5 with phlogopite	662576	149	150.5	1.50	44
			mica, quartz clots (minor) & fine sulphide (pyrite)	662577	150.5	152	1.50	48
				662578	152	152.5	0.50	24
			@ 143.-152.5					
			- this section is as described from 15.9-32.25					
			- exceptionally massive unit with very rare quartz clots or stringers - overall trace sulphide & trace quartz, & rare minor small shears					
			- minor slips noted at 143.3 (5° to C.A.), 147.1 (15° to C.A.), 150.3 (15° to C.A.)					
			- quartz clot with speck of chalcopyrite & minor pyrrhotite @ 148.5 & 148.59					
			- minor shear @ 144.35 to 143.55 (86° to C.A.), chalcopyrite, some pyrrhotite & minor quartz stringers					
			- gradational lower contact					
152.5	186.45	MAFIC TUFF?	@ 152.5-164	662579	152.5	153.5	1	60
			- this section is a banded to massive unit,	662580	153.5	155	1.5	34
			approximately 80% of unit banded, 20% massive	662581	155	156.5	1.5	51
			- unit is comprised of grey black, greenish grey bands	662582	156.5	158	1.5	43
			& some lighter grey bands, slightly different grain sizes	662583	158	154.5	1.5	52
			- unit principally comprised of dark ferro-magnesium	662584	154.5	161	1.5	89
			minerals	662585	161	162.5	1.5	39
			- banding noted at 95° to C.A.	662586	162.5	164	1.5	24
			- in this interval very few quartz stringers or clots, almost non-existant					
			- s.p with grey sheared feldspar porphyritic dyke from 155.8 to 156, quartz stringer on lower contact 60° to C.A.					

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DIAMOND DRILLING LOG

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HOLE NO. D4 | PAGE NO. P.8.

DRILLING COMPANY		COLLAR ELEVATION	BEARING OF HOLE FROM TRUE NORTH	TOTAL M.	DIP OF HOLE AT collar °	LOCATION OF HOLE IN RELATION TO A FIXED POINT ON THE CLAIM	MAP REFERENCE NO.	CLAIM NO.
DATE HOLE STARTED	DATE COMPLETED	DATE LOGGED	LOGGED BY		m °		LOCATION (Tp., Lot, Con. OR Lat. and Long.)	
EXPLORATION CO., OWNER OR OPTIONEE		DATE SUBMITTED	SUBMITTED BY (Signature)		m °		PROPERTY NAME	
					m °			
					m °			

M. FROM	M. TO	ROCK TYPE	DESCRIPTION Colour, grain size, texture, minerals, alteration, etc.	YOUR SAMPLE NUMBER	SAMPLE M. FROM	SAMPLE M. TO	SAMPLE LENGTH	ppb ASSAYS + Au
			- broken blocky zone very minor fault from 157.5 157.8m (15° to C.A.)	662587	164	165.5	1.5	46
			- slip minor @ 158.75 (45° to C.A.)	662588	165.5	167	1.5	96
			- trace sulphides noted	662589	167	168.5	1.5	100
				662590	168.5	170	1.5	66
				662591	170	171.5	1.5	55
			@ 164-186.45	662592	171.5	173	1.5	24
			- as per initial description for this unit, this	662593	173	174.5	1.5	111
			particular section mainly banded material, very	662594	174.5	176	1.5	86
			minor massive sections within this unit	662595	176	177.5	1.5	42
			- banding 85° to C.A.	662596	177.5	179	1.5	34
			- very minor disseminated pyrrhotite + minor	662597	179	180.5	1.5	26
			chalcopyrite locally, overall 1/2%; the best section	662598	180.5	182	1.5	60
			of mineralization from 174-174.5	662599	182	183.5	1.5	16
			- very little quartz, occasional stringer	662600	183.5	185	1.5	11
			- numerous slips such as at 166.25 (5° to C.A.); 167					
			(15° to C.A.) 171.5 (30° to C.A), 177.2 (15° to C.A.), 182.3					
			(10° to C.A.), 184 (10° to C.A.)					
			- a few fractures 85° to C.A.					
			- lower contact associated with @ shear 85° to C.A.					
186.45	200.4	METABASALT	- massive grey black unit, metamorphosed &	662601	185	186.5	1.5	15
			basically composed of grey-black ferro-magnesium	662602	186.5	188	1.5	13
			minerals (plate-like)	662603	188	189.5	1.5	13
			- very minor sulphide (pyrite) <1/2%, minor quartz	662604	189.5	191	1.5	7
			stringers,	662605	191	192.5	1.5	27
			- a few minor slips 5° to C.A.	662606	192.5	194	1.5	14
				662607	194	195.5	1.5	25
				662608	195.5	197	1.5	6
				662609	197	198.5	1.5	45
200.4	204.5	MAFIC TUFF?	- this section or unit similar to section described	662610	198.5	200	1.5	9
			previously @ 152.5-186.45, grey black & grey green bands	662611	200	200.40	0.40	6
			- banding @ 20° to C.A.	662612	200.4	201.5	1.10	45
			- minor pinkish dyke, with quartz & feldspar	662613	201.5	203	1.5	6
			phenocrysts from 202.4-202.5	662614	203	204.5	1.5	9

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FILO EXPLORATION
DIAMOND DRILLING LOG

Start a new page for every new hole, but fill in top portion of form only on first page for each new hole.

FILL IN ON EVERY PAGE

HOLE NO. D4 | PAGE NO. P.9

DRILLING COMPANY	COLLAR ELEVATION	BEARING OF HOLE FROM TRUE NORTH	TOTAL M.	DIP OF HOLE AT collar °	LOCATION OF HOLE IN RELATION TO A FIXED POINT ON THE CLAIM	MAP REFERENCE NO.	CLAIM NO.
DATE HOLE STARTED / DATE COMPLETED	DATE LOGGED	LOGGED BY		m °		LOCATION (Tp., Lot, Con. OR Lat. and Long.)	
EXPLORATION CO., OWNER OR OPTIONEE	DATE SUBMITTED	SUBMITTED BY (Signature)		m °		PROPERTY NAME	
				m °			

M. FROM	M. TO	ROCK TYPE	DESCRIPTION Colour, grain size, texture, minerals, alteration, etc.	YOUR SAMPLE NUMBER	SAMPLE M. FROM	SAMPLE M. TO	SAMPLE LENGTH	ASSAYS + ppb Au
			- trace of pyrite and no significant veins per SAV - sharp contact with vein @ 204.5, 60° to C.A.					
204.5	205.6	QUARTZ VEIN	- bull white colored quartz vein with minor pyrite & pyrrhotite & trace of chalcopyrite, - some minor wall rock (volcanic) in vein (4-5%)	662615	204.5	205.6	1.1	<5
205.6	208.05	FELSIC DYKE	- sharp upper contact with vein @ 60° to C.A. - pinkish white unit with some phenocrysts of feldspar, also some wall rock rafts within dyke (5%) - some quartz veinlets present within dyke, these parallel a distinct fabric or shear noted, fabric oriented 70° to C.A. - quartz vein or veinlets estimated to make up 1% of unit maximum. - some minor pyrite ½-1% noted in this section associated with fracture planes & as rafts of volcanic - sharp lower contact at about 85° to C.A.	662616 662617	205.6 207	207 208.05	1.4 1.05	7 <5
208.05	211.66	METABASALT	- very similar to section described previously @ 186.45 to 200.4 - some minor shears (weak) over 10-30cm 85° - some quartz noted particularly in last metre of unit (10-15%) but overall 2-3% maximum - 1-2% pyrite noted in this unit usually associated with quartz - a few fractures in this unit 75-80° to C.A., generally a very competent section	662618 662619 662620	208.05 209 210.5	209 210.5 211.66	0.95 1.5 1.16	8 <5 12

* For features such as foliation, bedding, schistosity, measured from the long axis of the core.

+ Additional credit available. See Assessment Work Regulations.

MMP 23515-1C/D260

FILO EXPLORATION
DIAMOND DRILLING LOG

Start a new page for every new hole, but fill in top portion of form only on first page for each new hole.

FILL IN ON EVERY PAGE ▶ HOLE NO. 04 | PAGE NO. P.10

DRILLING COMPANY		COLLAR ELEVATION	BEARING OF HOLE FROM TRUE NORTH	TOTAL M.	DIP OF HOLE AT collar °	LOCATION OF HOLE IN RELATION TO A FIXED POINT ON THE CLAIM	MAP REFERENCE NO.	CLAIM NO.
DATE HOLE STARTED	DATE COMPLETED	DATE LOGGED	LOGGED BY		m °		LOCATION (Tp., Lot, Con. OR Lat. and Long.)	
EXPLORATION CO., OWNER OR OPTIONEE		DATE SUBMITTED	SUBMITTED BY (Signature)		m °		PROPERTY NAME	
					m °			
					m °			

M. FROM	M. TO	ROCK TYPE	DESCRIPTION Colour, grain size, texture, minerals, alteration, etc.	YOUR SAMPLE NUMBER	SAMPLE M. FROM	SAMPLE M. TO	SAMPLE LENGTH	ppb Au	ASSAYS +
211.66	213.05	GABBRO	- coarse-medium grained gabbro dyke. - moderately magnetic - one minor slip noted with quartz stringer at 212.4 m. (30° to C.A.) - some minor pyrite noted on fracture planes & slips - sharp contacts, upper contact 87° to C.A., lower contact 55° to C.A.	662621	211.66	213.05	1.39	10	
213.05	221.43	MAFIC TUFF?	- this unit very much like description @ 152.5-186.45 - some sections of this particular unit not banded and more massive (10% of unit) - bandings oriented 70°-80° to C.A. - some very minor pyrite in this unit <1/2% & very rare quartz stringer noted - fractures tend to follow bandings 70-80° to C.A. - minor slips noted at 219.25 (15° to C.A.), 218.2 (15° to C.A.) - minor fault with gouge noted at 220.4 (85° to C.A.), tight & narrow fault zone 1cm across.	662622 662623 662624 662625 662626 662627 662628	213.05 214 215 216.5 218 219.5 221	214 215 216.5 218 219.5 221 221.43	0.95 1.00 1.50 1.5 1.5 1.5 0.43	27 15 30 100 10 11 11	
221.43	221.90	GABBRO	- as per previous description, slightly finer grained than previous dyke - sharp contacts, upper contact 85° to C.A. & lower 70° to C.A.	662629	221.43	221.90	0.47	6	
221.90	224	MAFIC TUFF	- as per description @ 152.5-186.45, once again some massive sections noted. - traces of pyrrhotite, pyrite & chalco, (very minor) & trace quartz - bandings 80° to C.A.	662630 662631	221.43 223	223 224	1.57 1	8 <5	

* For features such as foliation, bedding, schistosity, measured from the long axis of the core.

+ Additional credit available. See Assessment Work Regulations.

FILO EXPLORATION
DIAMOND DRILLING LOG

Start a new page for every new hole, but fill in top portion of form only on first page for each new hole.

FILL IN ON EVERY PAGE

HOLE NO.	PAGE NO.
D4	11

DRILLING COMPANY		COLLAR ELEVATION	BEARING OF HOLE FROM TRUE NORTH	TOTAL M.	DIP OF HOLE AT	LOCATION OF HOLE IN RELATION TO A FIXED POINT ON THE CLAIM	MAP REFERENCE NO.	CLAIM NO.
DATE HOLE STARTED	DATE COMPLETED	DATE LOGGED	LOGGED BY		collar ° m ° m ° m ° m °		LOCATION (Tp., Lot, Con. OR Lat. and Long.)	
EXPLORATION CO., OWNER OR OPTIONEE		DATE SUBMITTED	SUBMITTED BY (Signature)				PROPERTY NAME	

M. FROM	M. TO	ROCK TYPE	DESCRIPTION Colour, grain size, texture, minerals, alteration, etc.	YOUR SAMPLE NUMBER	SAMPLE M. FROM	SAMPLE M. TO	SAMPLE LENGTH	ppb ASSAYS + Au
224	227.	METABASALT FAULT ZONE	- bleached broken very blocky section of metabasalt within a fault zone - numerous fractures & slips at 5-15° to C.A. throughout interval - some pyrite noted on slip planes, + talc, chlorite alteration, minor gouge noted as well - also minor pyrrhotite noted in one spot associated with irr. quartz stringers, that exist in this section, lower contact ground	662632	224	225.5	1.5	6
				662633	225.5	227	1.5	6
				662634	227	228	1	6
				662635	228	229	1	9
				662636	229	230	1	25
				662637	230	231	1	11
				662638	231	232.4	1.4	10
227.	232.4	MAFIC TUFF	- this unit very similar to that described at 152.5-186.45 - banding 80° to C.A., a few fractures parallel banding - minor slip @ 230m 15° to C.A. - some fine quartz stringers in this unit parallel to C.A. (1-2% of unit) - minor pyrrhotite like noted, to be in disseminated form within unit. - gradational lower contact	662639	232.4	233	0.6	9
				662640	233	234.5	1.5	10
				662641	234.5	236	1.5	24
				662642	236	237.5	1.5	7
				662643	237.5	239	1.5	25
				662644	239	240.5	1.5	6
				662645	240.5	241.6	1.1	7
232.4	241.6	METABASALT	- massive grey black metabasalt - no significant veining or sulphide - a few minor slips @ 15° to C.A., very competent unit					
			E.O.H. 241.6					
			CORE STORED AT PELANGIO LARDER MINES OFFICE CEDAR HILL CONNAUGHT ONTARIO					

* For features such as foliation, bedding, schistosity, measured from the long axis of the core.

+ Additional credit available. See Assessment Work Regulations.

MMP 23515-1C/D260

Ontario Ministry of Northern Development and Mines

Declaration of Assessment Work Performed on Mining Land

Mining Act, Subsection 65(2) and 66(3), R.S.O. 1990

Transaction Number (office use)
W.9760.00168
Assessment Files Research Imaging

Personal information collec
Mining Act, the information
Questions about this coll
933 Ramsey Lake Road, S

900

3) of the Mining Act. Under section 8 of the
and correspond with the mining land holder.
hern Development and Mines, 6th Floor,

Instructions: - For work performed on Crown Lands before **recording** a claim, use form 0240.
- Please type or print in ink.

2.17464

1. Recorded holder(s) (Attach a list if necessary)

Name	Client Number
PELANGIO LARDER MINES LIMITED	180621
Address	Telephone Number
CEDAR HILL CONNAUGHT CRES.	363-3100
PORCUPINE ONTARIO	Fax Number
Name	Client Number
Address	Telephone Number
	Fax Number

RECEIVED
JUL 4 1997
MINES BRANCH

2. Type of work performed: Check (✓) and report on only ONE of the following groups for this declaration.

☐ Geotechnical: prospecting, surveys, assays and work under section 18 (regs)
☑ Physical: drilling, stripping, trenching and associated assays
☐ Rehabilitation

Work Type	Office Use
DIAMOND DRILLING	Commodity
	Total $ Value of Work Claimed 66,515.00
Dates Work Performed From 4 (Day) 04 (Month) 97 (Year) To 25 (Day) 5 (Month) 97 (Year)	NTS Reference
Global Positioning System Data (if available) Township/Area WEST OF SUNDAY LAKE	Mining Division Porcupine
M or G-Plan Number G-1680	Resident Geologist District Timmins

Please remember to: - obtain a work permit from the Ministry of Natural Resources as required;
- provide proper notice to surface rights holders before starting work;
- complete and attach a Statement of Costs, form 0212;
- provide a map showing contiguous mining lands that are linked for assigning work;
- include two copies of your technical report.

3. Person or companies who prepared the technical report (Attach a list if necessary)

Name	Telephone Number
KEVIN FILO	7052680371
Address	Fax Number
535 BARTLEMAN ST TIMMINS ONT.	7052680371
Name	Telephone Number
Address	Fax Number
Received in R.O.	
Name MAY 30/97	Telephone Number
Address	Fax Number

4. Certification by Recorded Holder or Agent

I, KEVIN FILO (Print Name), do hereby certify that I have personal knowledge of the facts set forth in this Declaration of Assessment Work having caused the work to be performed or witnessed the same during or after its completion and, to the best of my knowledge, the annexed report is true.

Deemed August 28/97

Signature of Recorded Holder or Agent	Date
	MAY. 31/97
Agent's Address	Telephone Number / Fax Number

the mining land where work was performed, at the time work was performed. A map ... must accompany this form.

W.9760.00168

	Mining Claim Number. Or if work was done on other eligible mining land, show in this column the location number indicated on the claim map.	Number of Claim Units. For other mining land, list hectares.	Value of work performed on this claim or other mining land.	Value of work applied to this claim.	Value of work assigned to other mining claims.	Bank. Value of work to be distributed at a future date.
eg	TB 7827	16 ha	$26, 825	N/A	$24,000	$2,825
eg	1234567	12	0	$24,000	0	0
eg	1234568	2	$ 8, 892	$ 4,000	0	$4,892
1	1208321	6	66515	14400	38400	13715
2	1208318	2		4800	0	
3	1212941	6		14400	0	
4	1212940	8		19200	0	
5						
6						
7						
8						
9						
10						
11		2 - 6404				
12						
13						
14						
15						
		Column Totals	66515	52800	38400	13715

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JUL 04 1997
MINERAL TITLES BRANCH

I, J. K. Filo (Print Full Name), do hereby certify that the above work credits are eligible under subsection 7 (1) of the Assessment Work Regulation 6/96 for assignment to contiguous claims or for application to the claim where the work was done.

Signature of Recorded Holder or Agent Authorized in Writing | Date: MAY 31/97

6. Instructions for cutting back credits that are not approved.

Some of the credits claimed in this declaration may be cut back. Please check (✓) in the boxes below to show how you wish to prioritize the deletion of credits:

- ☐ 1. Credits are to be cut back from the Bank first, followed by option 2 or 3 or 4 as indicated.
- ☐ 2. Credits are to be cut back starting with the claims listed last, working backwards; or
- ☐ 3. Credits are to be cut back equally over all claims listed in this declaration; or
- ☐ 4. Credits are to be cut back as prioritized on the attached appendix or as follows (describe):

Note: If you have not indicated how your credits are to be deleted, credits will be cut back from the Bank first, followed by option number 2 if necessary.

For Office Use Only

Received Stamp	Deemed Approved Date	Date Notification Sent
Received May 30/97	Date Approved	Total Value of Credit Approved
	Approved for Recording by Mining Recorder (Signature)	

Ontario Ministry of Northern Development and Mines

Statement of Costs for Assessment Credit

Transaction Number (office use): W.9760.00168

Personal information collected on this form is obtained under the authority of subsection 6(1) of the Assessment Work Regulation 6/96. Under section 8 of the Mining Act, the information is a public record. This information will be used to review the assessment work and correspond with the mining land holder. Questions about this collection should be directed to the Chief Mining Recorder, Ministry of Northern Development and Mines, 6th Floor, 933 Ramsey Lake Road, Sudbury, Ontario, P3E 6B5.

Work Type	Units of Work Depending on the type of work, list the number of hours/days worked, metres of drilling, kilometres of grid line, number of samples, etc.	Cost Per Unit of work	Total Cost
DIAMOND DRILLING (INCLUDES DRILLING ASSAYING & GEO COSTS) (SEE BILLS IN APPENDIX FOR REFERENCE)	2059 feet	$32.304516	66515
Associated Costs (e.g. supplies, mobilization and demobilization).			
	2.17484		
Transportation Costs			
Food and Lodging Costs			
		Total Value of Assessment Work	66515

RECEIVED JUL 14 [illegible] NCH

Calculations of Filing Discounts:

1. Work filed within two years of performance is claimed at 100% of the above Total Value of Assessment Work.
2. If work is filed after two years and up to five years after performance, it can only be claimed at 50% of the Total Value of Assessment Work. If this situation applies to your claims, use the calculation below:

TOTAL VALUE OF ASSESSMENT WORK × 0.50 = Total $ value of worked claimed.

Note:
- Work older than 5 years is not eligible for credit.
- A recorded holder may be required to verify expenditures claimed in this statement of costs within 45 days of a request for verification and/or correction/clarification. If verification and/or correction/clarification is not made, the Minister may reject all or part of the assessment work submitted.

Certification verifying costs:

I, J. W. Fico (please print full name), do hereby certify, that the amounts shown are as accurate as may reasonably be determined and the costs were incurred while conducting assessment work on the lands indicated on the accompanying Declaration of Work form as Agent (recorded holder, agent, or state company position with signing authority) I am authorized to make this certification.

Signature: [signature] Date: MAY 31/97

Ministry of
Northern Development
and Mines

Ministère du
Développement du Nord
et des Mines

Ontario

Geoscience Assessment Office
933 Ramsey Lake Road
6th Floor
Sudbury, Ontario
P3E 6B5

Telephone: (705) 670-5853
Fax: (705) 670-5863

July 23, 1997

Gary White
Mining Recorder
Ontario Government Complex
P.O. Bag 3060, Hwy 101 East
South Porcupine, ON
P0N 1H0

Dear Sir or Madam:

Submission Number: 2.17464

Subject: Transaction Number(s):		**Status**
	W9760.00168	Deemed Approval

We have reviewed your Assessment Work submission with the above noted Transaction Number(s). The attached summary page(s) indicate the results of the review. WE RECOMMEND YOU READ THIS SUMMARY FOR THE DETAILS PERTAINING TO YOUR ASSESSMENT WORK.

If the status for a transaction is a 45 Day Notice, the summary will outline the reasons for the notice, and any steps you can take to remedy deficiencies. The 90-day deemed approval provision, subsection 6(7) of the Assessment Work Regulation, will no longer be in effect for assessment work which has received a 45 Day Notice.

Please note any revisions must be submitted in DUPLICATE to the Geoscience Assessment Office, by the response date on the summary.

NOTE: This correspondence may affect the status of your mining lands. Please contact the Mining Recorder to determine the available options and the status of your claims.

If you have any questions regarding this correspondence, please contact Lucille Jerome by e-mail at jerome_l@torv05.ndm.gov.on.ca or by telephone at (705) 670-5858.

Yours sincerely,

ORIGINAL SIGNED BY
Blair Kite
Supervisor, Geoscience Assessment Office
Mining Lands Section

Correspondence ID: 11116
Copy for: Assessment Library

Work Report Assessment Results

Submission Number: 2.17464

Date Correspondence Sent: July 23, 1997 **Assessor:** Lucille Jerome

Transaction Number	First Claim Number	Township(s) / Area(s)	Status	Approval Date
W9760.00168	1208321	WEST OF SUNDAY LAKE	Deemed Approval	July 23, 1997

Section:
10 Physical PDRILL

Correspondence to:

Mining Recorder
South Porcupine, ON

Resident Geologist
South Porcupine, ON

Assessment Files Library
Sudbury, ON

Recorded Holder(s) and/or Agent(s):

Kevin Filo
TIMMINS, ONTARIO, CANADA

PELANGIO - LARDER MINES, LIMITED
CONNAUGHT, Ontario

Correspondence ID: 11116

THE INFORMATION THAT APPEARS ON THIS MAP HAS BEEN COMPILED FROM VARIOUS SOURCES, AND ACCURACY IS NOT GUARANTEED. THOSE WISHING TO STAKE MINING CLAIMS SHOULD CONSULT WITH THE MINING RECORDER, MINISTRY OF NORTHERN DEVELOPMENT AND MINES, FOR ADDITIONAL INFORMATION ON THE STATUS OF THE LANDS SHOWN HEREON.

REFERENCES

AREAS WITHDRAWN FROM DISPOSITION

M.R.O. – MINING RIGHTS ONLY
S.R.O. – SURFACE RIGHTS ONLY
M.+ S. – MINING AND SURFACE RIGHTS

Description	Order No.	Date	Disposition	File

AREA REOPENED BY ORDER # NRO 27/85
JULY 22, 1985 S.R.O.

~~THIS TWP. IS SUBJECT TO FORESTRY ACTIVITIES IN 1994/95 FURTHER INFORMATION~~ AVAILABLE ON FILE.

THIS TOWNSHIP IS SUBJECT TO FORESTRY OPERATIONS IN 1996/97 FURTHER INFORMATION ON FILE

Received AuG 18/83

LEGEND

HIGHWAY AND ROUTE No.
OTHER ROADS
TRAILS
SURVEYED LINES:
TOWNSHIPS, BASE LINES, ETC.
LOTS, MINING CLAIMS, PARCELS, ETC.
UNSURVEYED LINES
LOT LINES
PARCEL BOUNDARY
MINING CLAIMS ETC.
RAILWAY AND RIGHT OF WAY
UTILITY LINES
NON-PERENNIAL STREAM
FLOODING OR FLOODING RIGHTS
SUBDIVISION OR COMPOSITE PLAN
RESERVATIONS
ORIGINAL SHORELINE
MARSH OR MUSKEG
MINES
TRAVERSE MONUMENT

DISPOSITION OF CROWN LANDS

TYPE OF DOCUMENT	SYMBOL
PATENT SURFACE & MINING RIGHTS	●
" , SURFACE RIGHTS ONLY	
" , MINING RIGHTS ONLY	
LEASE, SURFACE & MINING RIGHTS	■
" SURFACE RIGHTS ONLY	
" MINING RIGHTS ONLY	
LICENCE OF OCCUPATION	▼
ORDER-IN-COUNCIL	OC
RESERVATION	
CANCELLED	
SAND & GRAVEL	

NOTE MINING RIGHTS IN PARCELS PATENTED PRIOR TO MAY 6, 1913, VESTED IN ORIGINAL PATENTEE BY THE PUBLIC LANDS ACT, R.S.O. 1970, CHAP. 380, SEC. 63, SUBSEC. 1.

✦ REMOTE TOURIST CAMP

SCALE: 1 INCH = 40 CHAINS

FEET 0 1000 2000 4000 6000 8000
METRES 0 200 1000 (1 KM) 2000 (2 KM)

AREA

WEST OF SUNDAY LAKE

M.N.R. ADMINISTRATIVE DISTRICT
COCHRANE

MINING DIVISION
PORCUPINE

LAND TITLES / REGISTRY DIVISION
COCHRANE

Ontario Ministry of Natural Resources — Land Management Branch

Date DECEMBER 1982

Number G-1680

Pelangio Larder Mines DN1 Property

Property continues (grid uncut)

Line 12 W
Line 10 W
Line 8 W
Line 6 W
Line 4 W
Line 2 W
Line 0
Line 2 E
Line 4 E
Line 6 E
Line 8 E
Line 10 E
Line 12 E
Line 14 E
Line 16 E
Line 18 E

Baseline 0

1208318

Lake

1208321

1212940

Tie Line 525 S

N.Anomaly (North Shear Zone)

S.Anomaly

DDH D-1
Line 3+00 E
Station 475 S
AZ 212°, Dip -45°

DDH D-2
Line 3+00 E
Station 587.5 S
AZ 022°, Dip -45°

DDH D-3
Line 3+00 E
Station 687.5 S
AZ 022°, Dip -45°

DDH D-4
Line 2+00 E
Station 675 S
AZ 022°, Dip -45°

Pelangio / Placer Dome

Fault Lake J.V.

Placer Dome
Detour Lake Mine Property

210

Pelangio-Larder Ltd.

DN-1 DRILL PROGRAM

TITLE:

Diamond Drill Hole Location Map

0 200

Fig. 3

SCALE: 1:5000

DATE: May 15, 1997