

42D14NW0013 W9640.00513 PAYS PLAT LAKE

010

INMET MINING CORP.
Winston Lake Division

Gesic Property

Diamond Drilling

Mining District : Thunder Bay

Township : Pays Plat Lake

Prepared by
Gerard Doiron
Mine Geologist

September 2, 1996
October 4, 1996 (Modified)

PROPERTY : Gesic Property

CLAIM # : TB-9318 (all of the work was carried out on this claim)

TYPE OF WORK : Diamond drilling

SUMMARY : In total 779 meters in 18 diamond drill holes was done
between the period of October 15 to 25 , 1994.

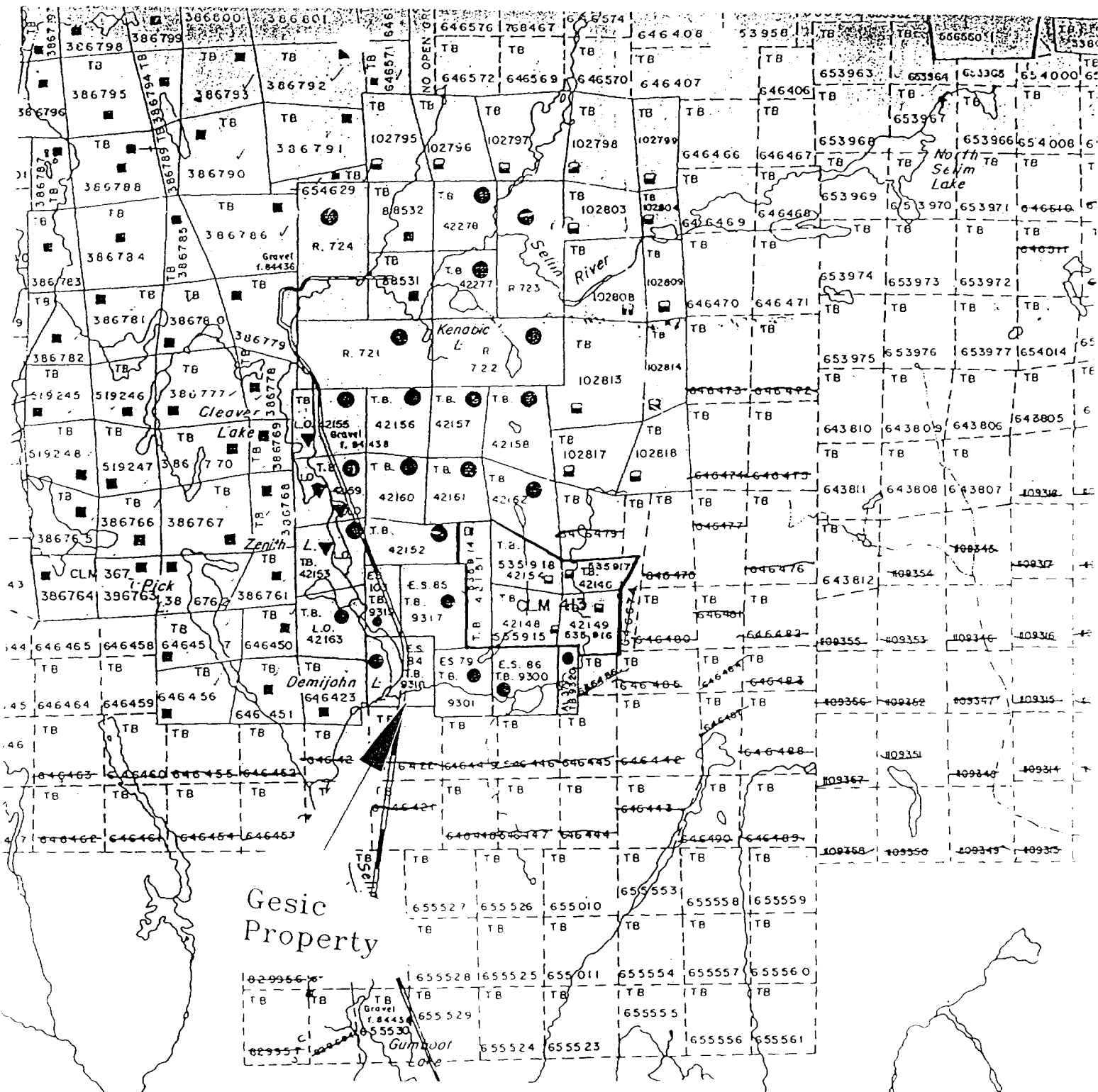
DDH # :

DDH #	ASTRO. AZIMUTH.	DEPTH	DIP
GO-10	197°	27m	-49°
GO-11	197°	42m	-88°
GO-12	190°	36m	-71°
GO-13	190°	57m	-89°
GO-14	158°	30m	-59°
GO-15	158°	48m	-82°
GO-16	196°	35m	-54°
GO-17	196°	60m	-89°
GO-18	204°	72m	-90°
GO-19	204°	51m	-61°
GO-20	207°	45m	-36°
GO-21	205°	57m	-88°
GO-22	205°	33m	-50°
GO-23	207°	30m	-89°
GO-24	207°	51m	-35°
GO-25	207°	21m	-60°
GO-26	DDH was not drilled		
GO-27	201°	33m	-90°
GO-28	201°	21m	-44°

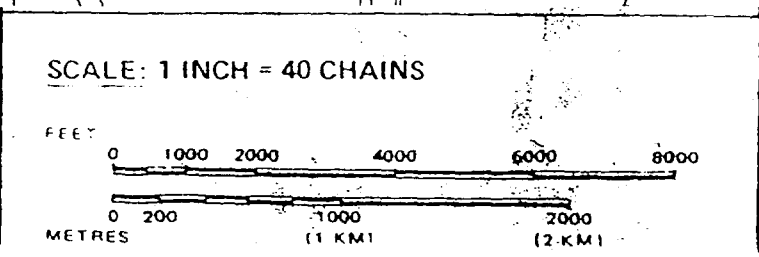
COST :

DDH	\$ 71,289.00
Supervision	\$ 3,900.00
<u>Analysis</u>	<u>\$ 521.00</u>
TOTAL	\$ 75,710.00

Gerard Barron
Miner Geologist



INMET MINING CORP.
Winston Lake Division
(Gestic Property)



AREA
PAYS PLAT LAKE

M.N.R. ADMINISTRATIVE DISTRICT
TERRACE BAY

MINING DIVISION
THUNDER BAY

LAND TITLES / REGISTRY DIVISION
THUNDER BAY

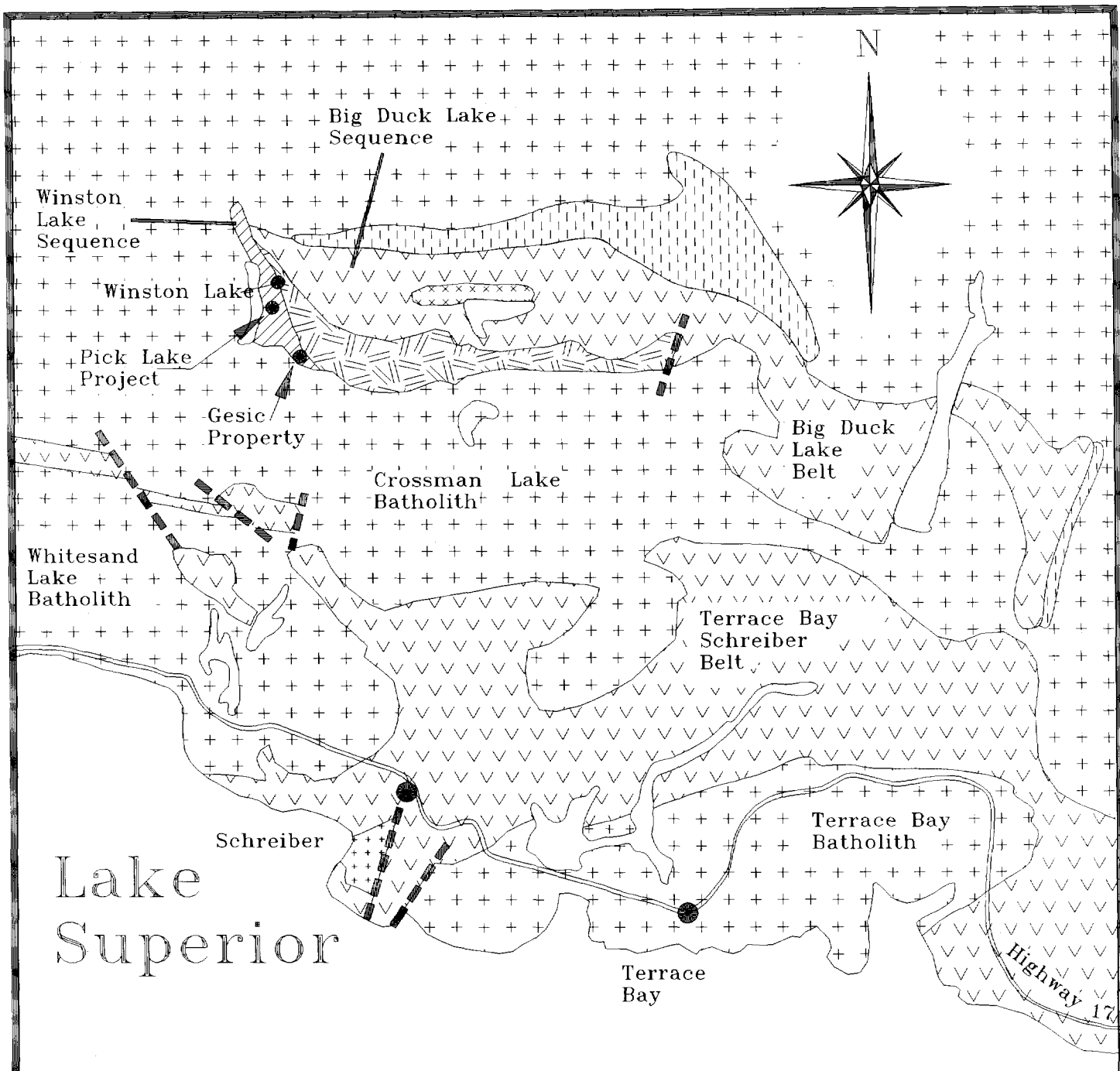
Ministry of
Natural Resources

Ontario
APRIL 14, 1987

*** FEB. 15, 1982

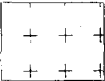
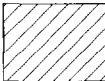
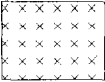



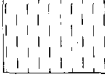
Land Management
Branch

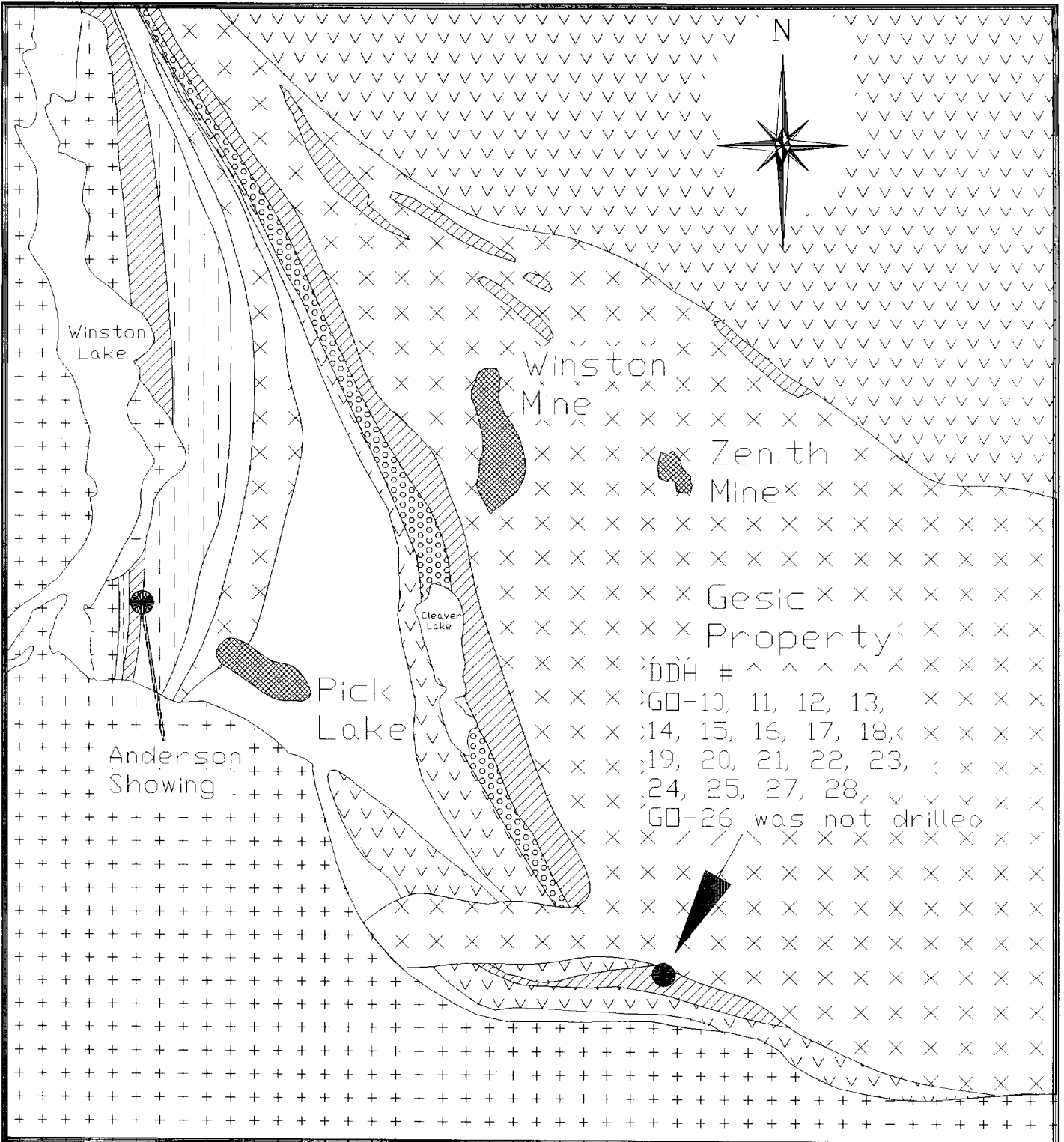
C-606



INMET MINING CORP.
 Winston Lake Division
 Regional Geology Map
 (Gestic Property)



- | | | | |
|---|-----------------|---|----------------------|
|  | Granitoid Rocks |  | Felsic Metavolcanics |
|  | Porphyry |  | Mafic Metavolcanics |
|  | Gabbro |  | Fault |
|  | Metasediments | | |



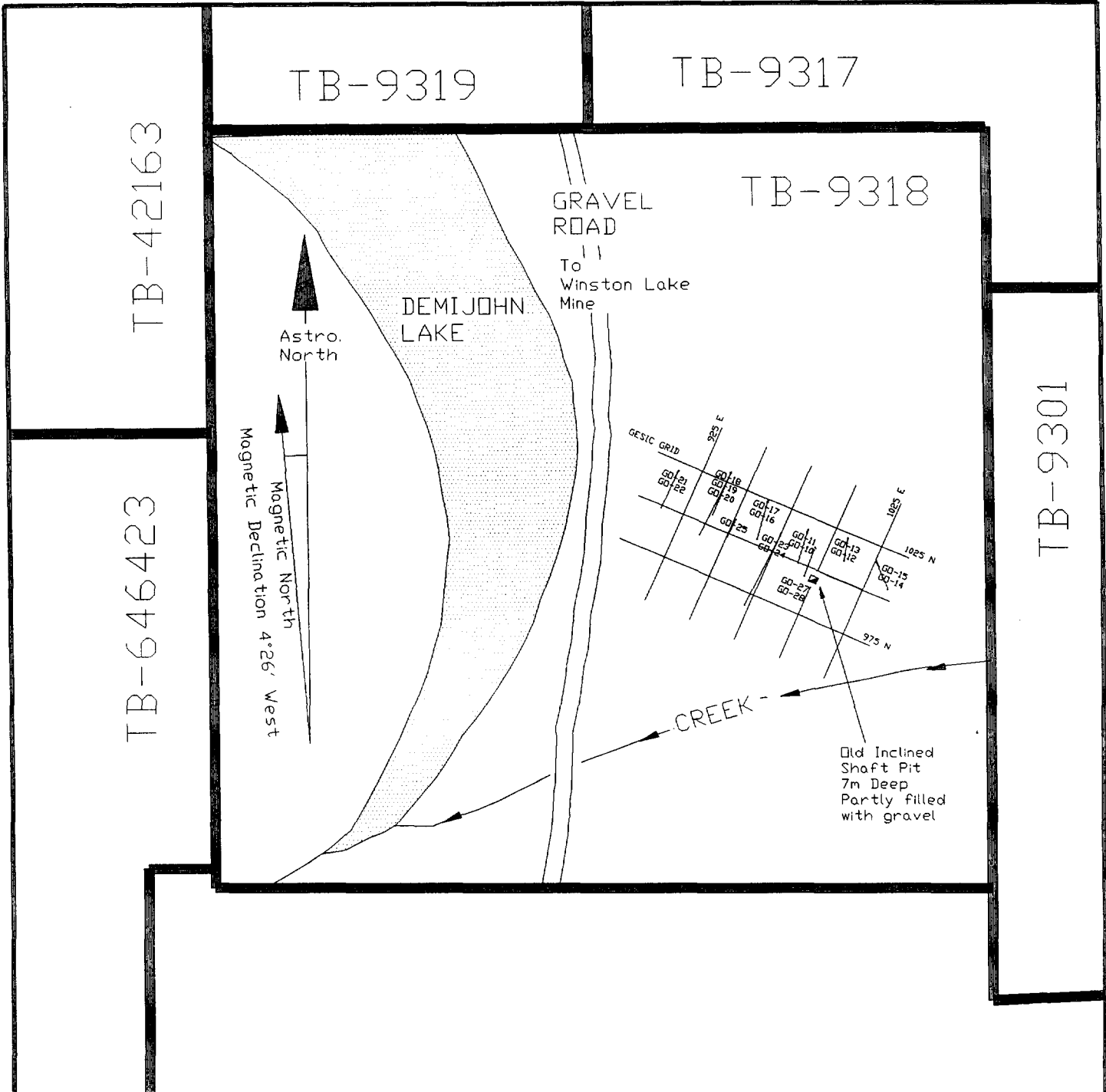
INMET MINING CORP.
 Winston Lake Division
 Property Geology
 (Gestic Property)

0 1 KM

Scale

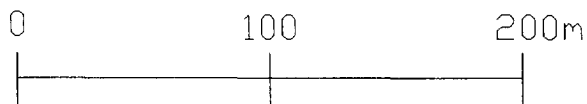
- | | | | |
|--|----------------|--|------------------------|
| | Granite | | Felsic Volcaniclastics |
| | Gabbro | | "Camp" QFP Flow |
| | Mafic Flows | | "Main" QFP flow |
| | Meta-sediments | | Massive Sulphides |

LIST OF DDH DRILLED			
DDH #	Astro. Azimuth	DIP	DEPTH
GD-10	197°	-49°	27m
GD-11	197°	-88°	42m
GD-12	190°	-71°	36m
GD-13	190°	-89°	57m
GD-14	158°	-59°	30m
GD-15	158°	-82°	48m
GD-16	196°	-54°	35m
GD-17	196°	-89°	60m
GD-18	204°	-90°	72m
GD-19	204°	-61°	51m
GD-20	207°	-36°	45m
GD-21	205°	-88°	57m
GD-22	205°	-50°	33m
GD-23	207°	-89°	30m
GD-24	207°	-35°	51m
GD-25	207°	-60°	21m
GD-26	DDH WAS NOT DRILLED		
GD-27	201°	-90°	33m
GD-28	201°	-44°	21m



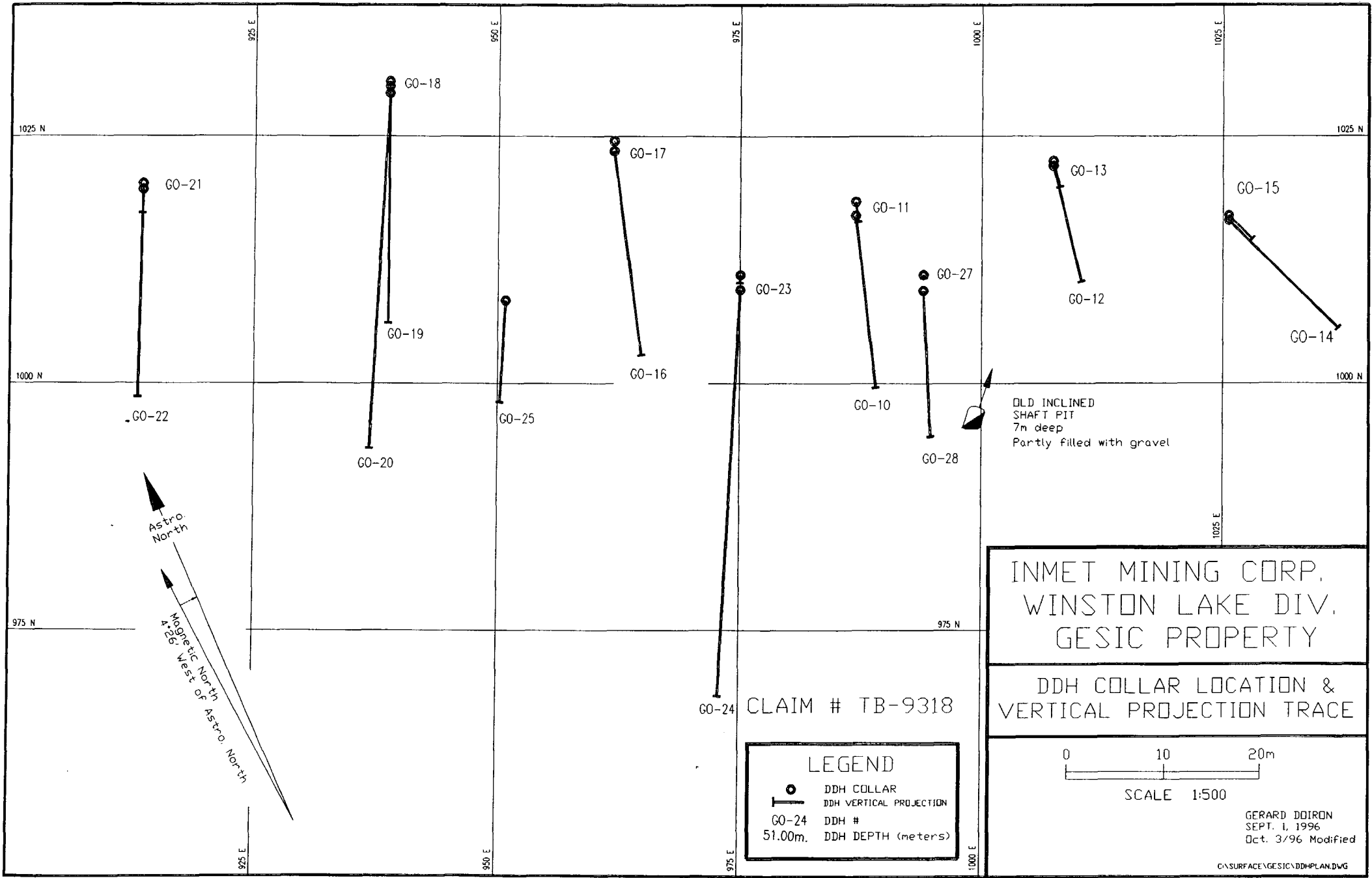
INMET MINING CORP.
WINSTON LAKE DIVISION
GESIC PROPERTY

PLAN WITH CLAIM # AND DDH COLLAR LOCATION
ALONG WITH DDH VERTICAL PROJECTION



SCALE 1 : 3,000

GERARD DOIRON
AUG. 31, 1996
Oct. 3/96 Modified



LIST OF DDH DRILLED

DDH #	Astro. Azimuth	DIP	DEPTH
GO-10	197°	-49°	27m
GO-11	197°	-88°	42m
GO-12	190°	-71°	36m
GO-13	190°	-89°	57m
GO-14	158°	-59°	30m
GO-15	158°	-82°	48m
GO-16	196°	-54°	35m
GO-17	196°	-89°	60m
GO-18	204°	-90°	72m
GO-19	204°	-61°	51m
GO-20	207°	-36°	45m
GO-21	205°	-88°	57m
GO-22	205°	-50°	33m
GO-23	207°	-89°	30m
GO-24	207°	-35°	51m
GO-25	207°	-60°	21m
GO-26	DDH WAS NOT DRILLED		
GO-27	201°	-90°	33m
GO-28	201°	-44°	21m

INMET MINING CORP.
WINSTON LAKE DIV.
GESIC PROPERTY

DDH COLLAR LOCATION &
VERTICAL PROJECTION TRACE

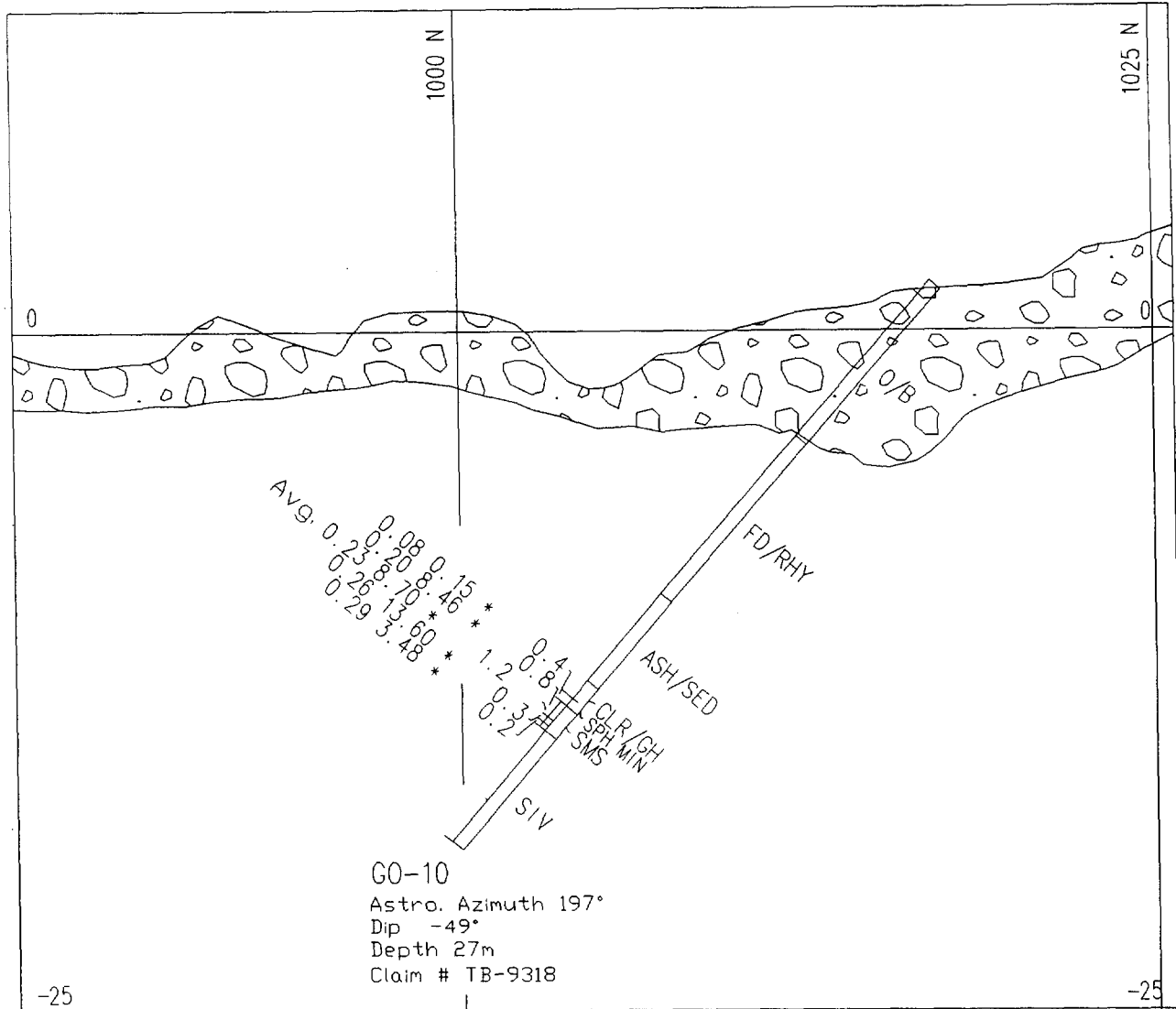
0 10 20m
SCALE 1:500

GERARD DDIRON
SEPT. 1, 1996
Oct. 3/96 Modified

C:\SURFACE\GESIC\DDHPLAN.DWG

LEGEND

○ DDH COLLAR
— DDH VERTICAL PROJECTION
GO-24 DDH #
51.00m DDH DEPTH (meters)



LEGEND

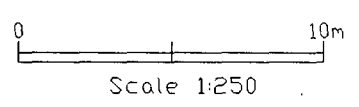
GEOLOGY	
ALT	Altered
CLR	Clotted Rhyolite
CRT	Intermediate to Felsic Ash
FP	Feldspar Porphyric
FLT	Fault
FSP	Feldspar Phyrlic Phase
FT	Felsic Tuff
FW	Footwall
GH	Gesic Horizon
HW	Hanging Wall
LF	Ladder Flow (mafic flow)
OB	Overburden
RHY	Rhyolite
SED	Sediments
SIV	Garnet Rich Intermediate Ash to Mafic Ash and Sediments
Xstal	Feldspar Crystal Tuff

MINERALIZATION	
MIN	Mineralized
MS	Massive Sulfide
SMS	Semi Massive Sulfide
% Cu,% Zn - Meters core length	

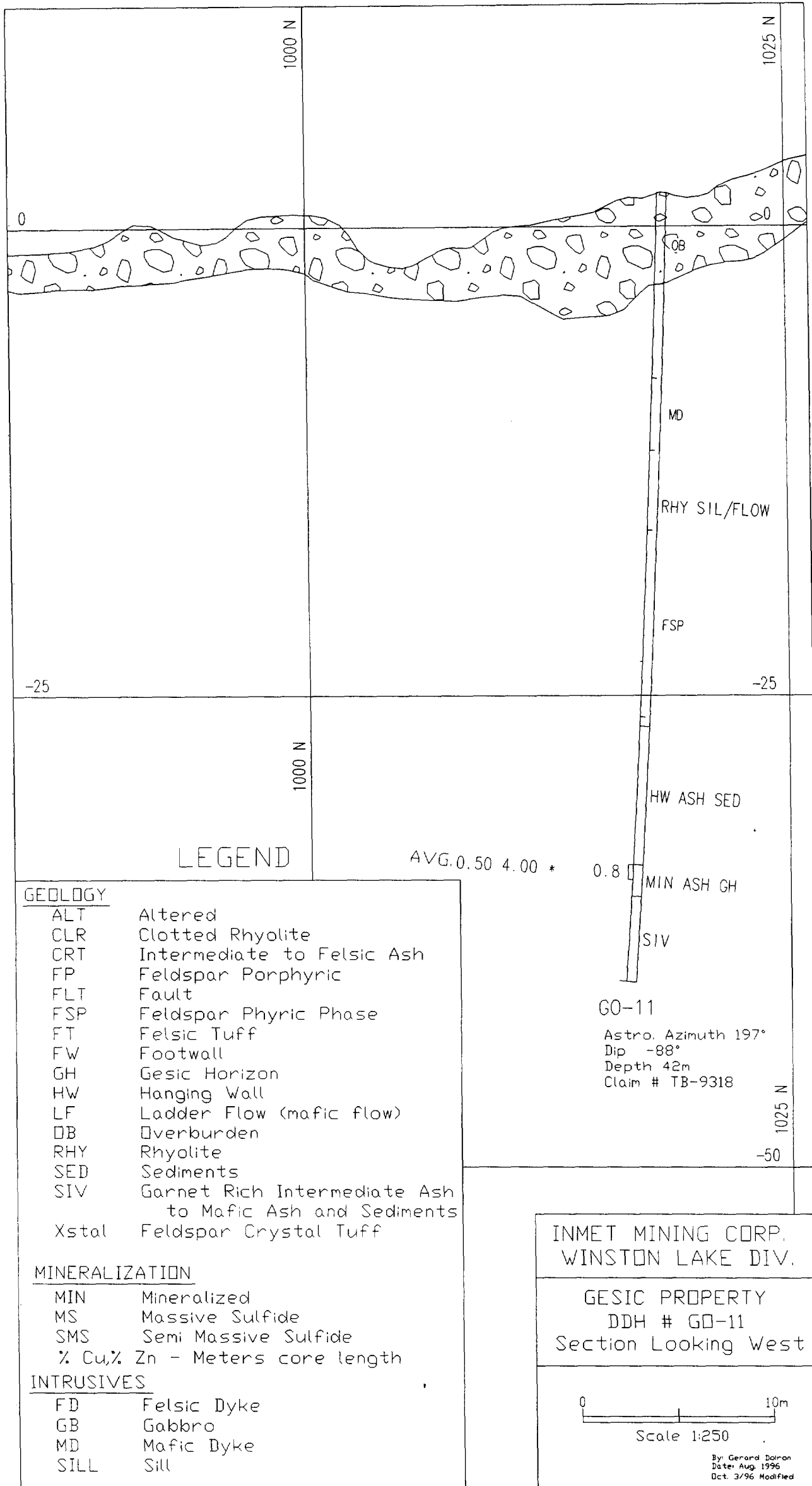
INTRUSIVES	
FD	Felsic Dyke
GB	Gabbro
MD	Mafic Dyke
SILL	Sill

INMET MINING CORP.
WINSTON LAKE DIV.

GESIC PROPERTY
DDH # GO-10
Section Looking West



By: Gerard Dolron
Date: Aug. 1996
Oct. 3/96 Modified



LEGEND

GEOLOGY

ALT	Altered
CLR	Clotted Rhyolite
CRT	Intermediate to Felsic Ash
FP	Feldspar Porphyric
FLT	Fault
FSP	Feldspar Phyric Phase
FT	Felsic Tuff
FW	Footwall
GH	Gesic Horizon
HW	Hanging Wall
LF	Ladder Flow (mafic flow)
DB	Overburden
RHY	Rhyolite
SED	Sediments
SIV	Garnet Rich Intermediate Ash to Mafic Ash and Sediments
Xstal	Feldspar Crystal Tuff

MINERALIZATION

MIN	Mineralized
MS	Massive Sulfide
SMS	Semi Massive Sulfide
% Cu, % Zn - Meters core length	

INTRUSIVES

FD	Felsic Dyke
GB	Gabbro
MD	Mafic Dyke
SILL	Sill

AVG. 0.50 4.00 *

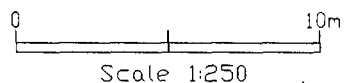
0.8
MIN ASH GH
SIV

GO-11

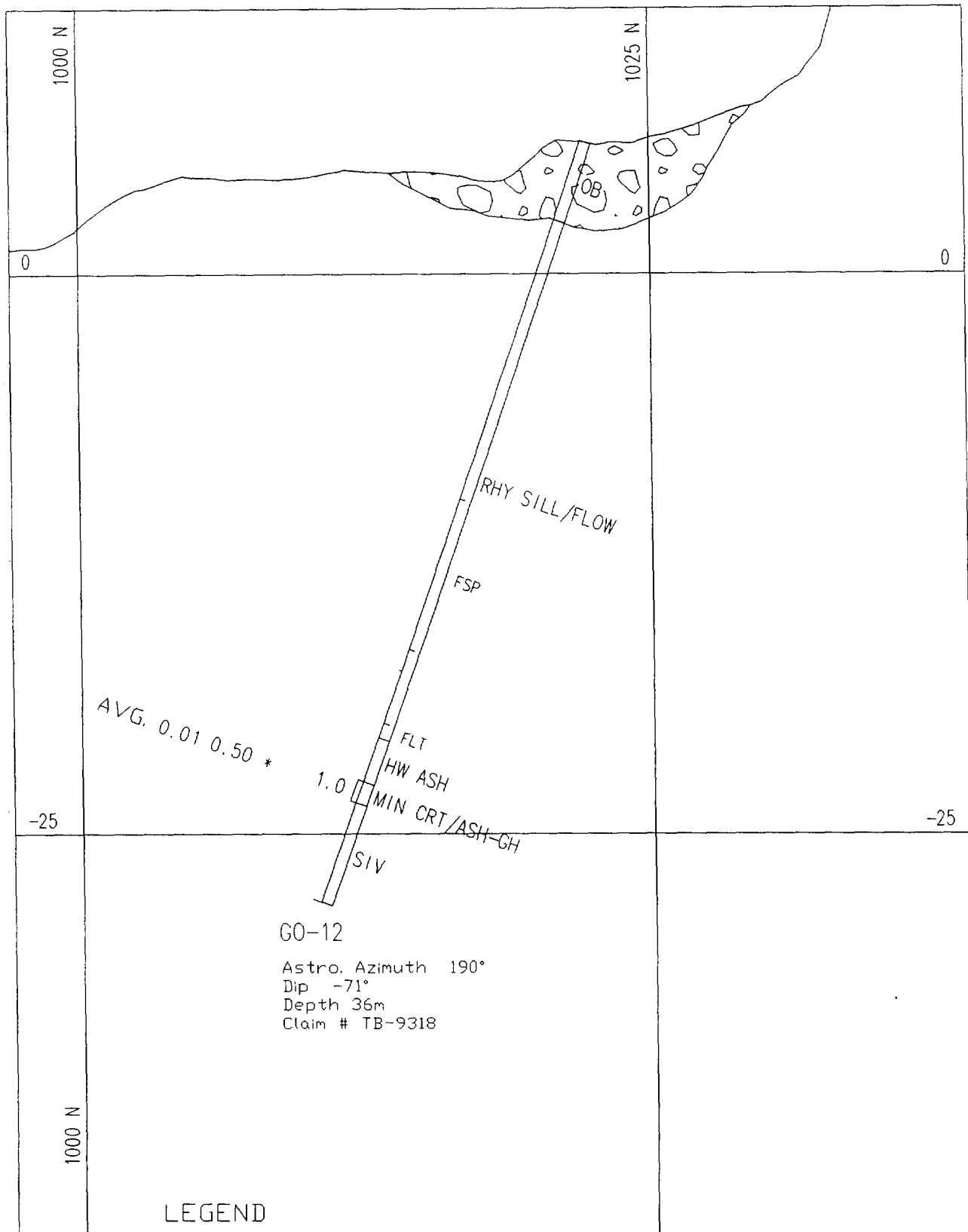
Astro. Azimuth 197°
Dip -88°
Depth 42m
Claim # TB-9318

INMET MINING CORP.
WINSTON LAKE DIV.

GESIC PROPERTY
DDH # GO-11
Section Looking West



By: Gerard Dorian
Date: Aug. 1996
Oct. 3/96 Modified



LEGEND

GEOLOGY

- ALT Altered
- CLR Clotted Rhyolite
- CRT Intermediate to Felsic Ash
- FP Feldspar Porphyric
- FLT Fault
- FSP Feldspar Phyrnic Phase
- FT Felsic Tuff
- FW Footwall
- GH Gestic Horizon
- HW Hanging Wall
- LF Ladder Flow (mafic flow)
- DB Overburden
- RHY Rhyolite
- SED Sediments
- SIV Garnet Rich Intermediate Ash to Mafic Ash and Sediments
- Xstal Feldspar Crystal Tuff

MINERALIZATION

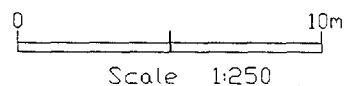
- MIN Mineralized
- MS Massive Sulfide
- SMS Semi Massive Sulfide
- % Cu,% Zn - Meters core length

INTRUSIVES

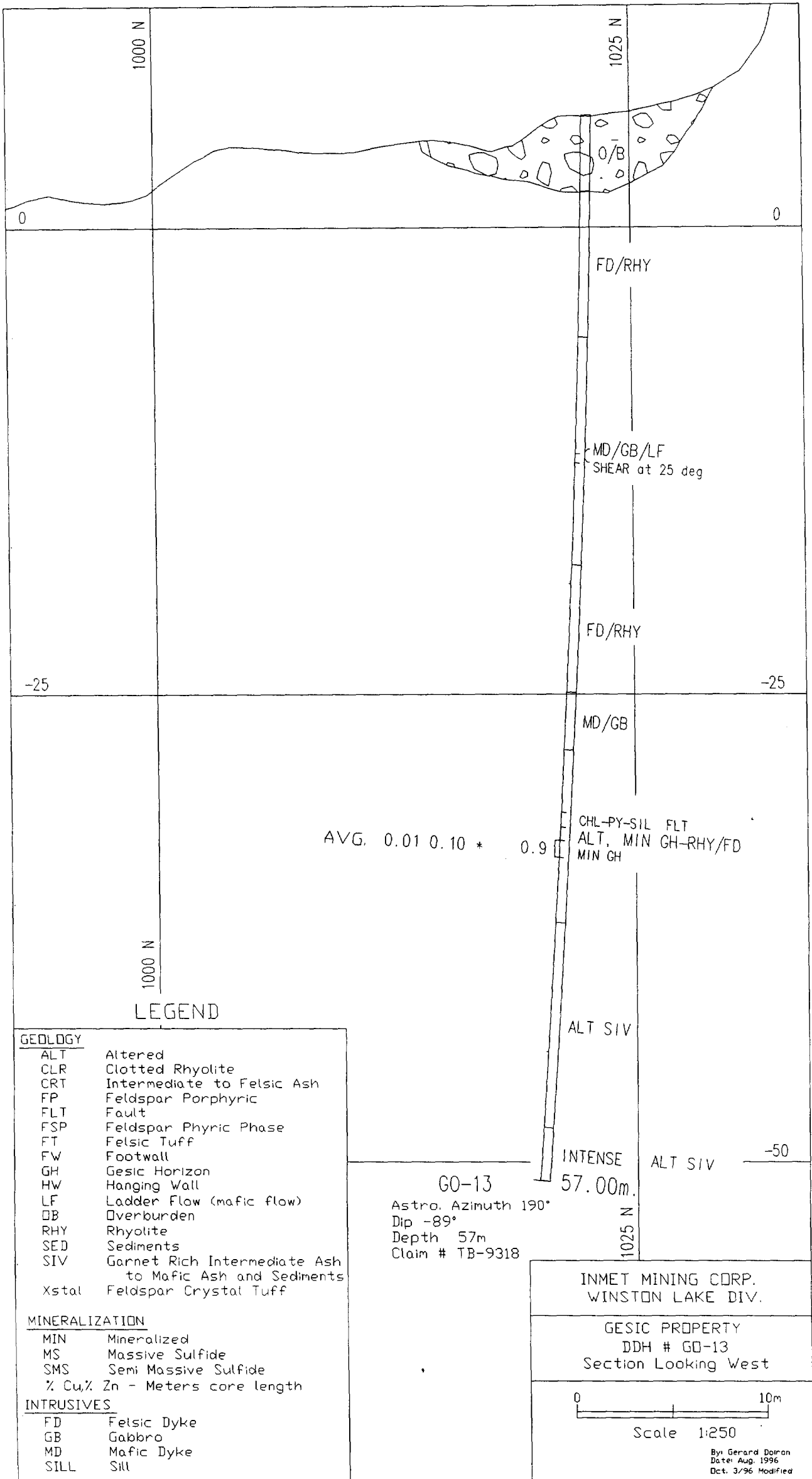
- FD Felsic Dyke
- GB Gabbro
- MD Mafic Dyke
- SILL Sill

INMET MINING CORP.
WINSTON LAKE DIV.

GESIC PROPERTY
DDH # GO-12
Section Looking West



By: Gerard Dairon
Date: Aug. 1996
Oct. 3/96 Modified



LEGEND

GEOLOGY	
ALT	Altered
CLR	Clotted Rhyolite
CRT	Intermediate to Felsic Ash
FP	Feldspar Porphyric
FLT	Fault
FSP	Feldspar Phyrlic Phase
FT	Felsic Tuff
FW	Footwall
GH	Gesic Horizon
HW	Hanging Wall
LF	Ladder Flow (mafic flow)
OB	Overburden
RHY	Rhyolite
SED	Sediments
SIV	Garnet Rich Intermediate Ash to Mafic Ash and Sediments
Xstal	Feldspar Crystal Tuff

MINERALIZATION	
MIN	Mineralized
MS	Massive Sulfide
SMS	Semi Massive Sulfide
% Cu, % Zn - Meters core length	

INTRUSIVES	
FD	Felsic Dyke
GB	Gabbro
MD	Mafic Dyke
SILL	Sill

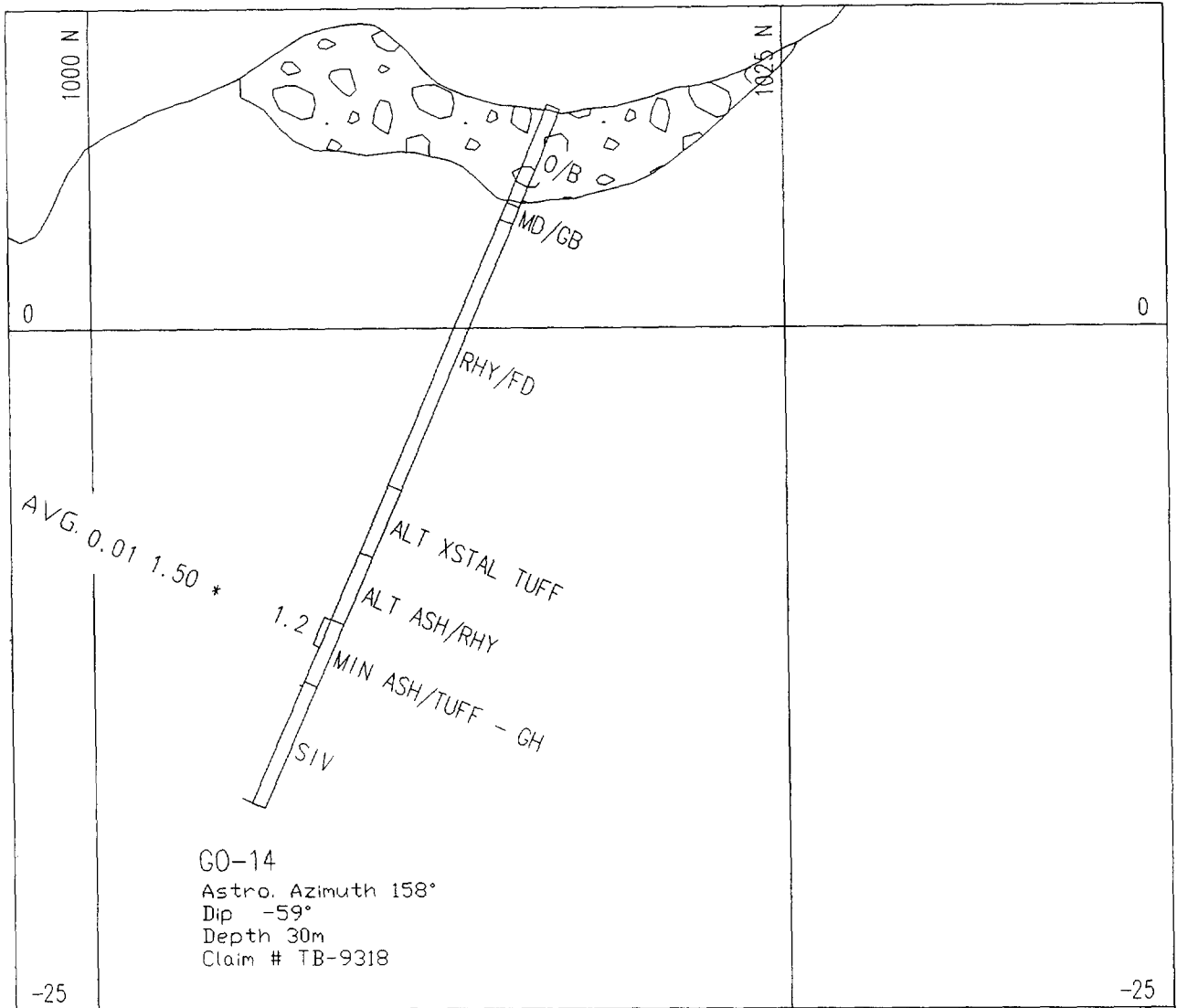
GO-13
 Astro. Azimuth 190°
 Dip -89°
 Depth 57m
 Claim # TB-9318

INMET MINING CORP.
 WINSTON LAKE DIV.

GESIC PROPERTY
 DDH # GO-13
 Section Looking West

0 10m
 Scale 1:250

By Gerard Dolron
 Date: Aug. 1996
 Oct. 3/96 Modified



1000 N

LEGEND

GEOLOGY

ALT	Altered
CLR	Clotted Rhyolite
CRT	Intermediate to Felsic Ash
FP	Feldspar Porphyric
FLT	Fault
FSP	Feldspar Phyric Phase
FT	Felsic Tuff
FW	Footwall
GH	Gesic Horizon
HW	Hanging Wall
LF	Ladder Flow (mafic flow)
DB	Overburden
RHY	Rhyolite
SED	Sediments
SIV	Garnet Rich Intermediate Ash to Mafic Ash and Sediments
Xstal	Feldspar Crystal Tuff

MINERALIZATION

MIN	Mineralized
MS	Massive Sulfide
SMS	Semi Massive Sulfide
% Cu, % Zn	- Meters core length

INTRUSIVES

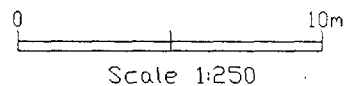
FD	Felsic Dyke
GB	Gabbro
MD	Mafic Dyke
SILL	Sill

1025 N

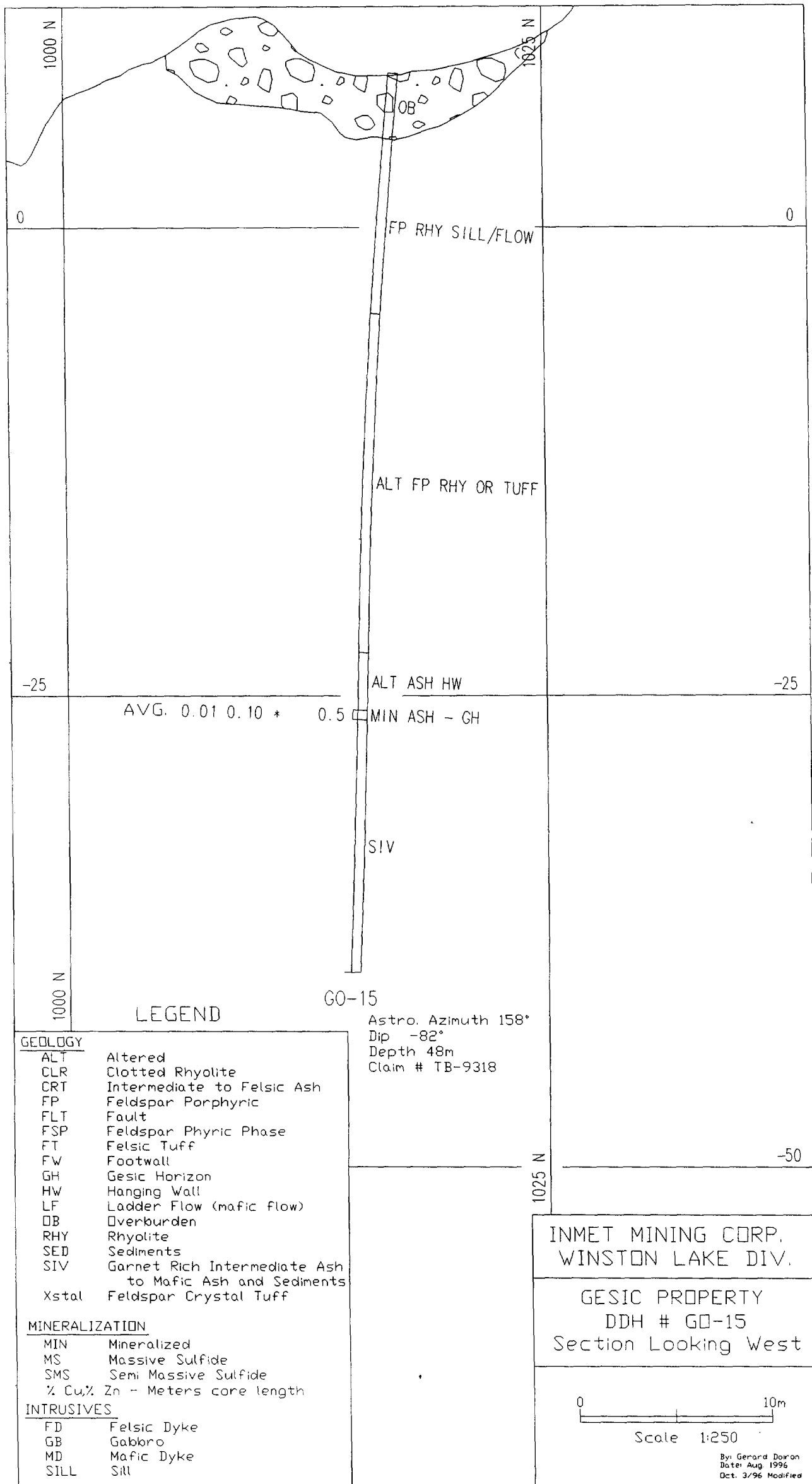
-50

INMET MINING CORP.
WINSTON LAKE DIV.

GESIC PROPERTY
DDH # GO-14
Section Looking West



By: Gerard Boiron
Date: Aug. 1996
Oct. 3/96 Modified



LEGEND

GEOLOGY	
ALT	Altered
CLR	Clotted Rhyolite
CRT	Intermediate to Felsic Ash
FP	Feldspar Porphyric
FLT	Fault
FSP	Feldspar Phyrnic Phase
FT	Felsic Tuff
FW	Footwall
GH	Gesic Horizon
HW	Hanging Wall
LF	Ladder Flow (mafic flow)
OB	Overburden
RHY	Rhyolite
SED	Sediments
SIV	Garnet Rich Intermediate Ash to Mafic Ash and Sediments
Xstal	Feldspar Crystal Tuff

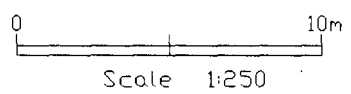
MINERALIZATION	
MIN	Mineralized
MS	Massive Sulfide
SMS	Semi Massive Sulfide
% Cu, % Zn - Meters core length	

INTRUSIVES	
FD	Felsic Dyke
GB	Gabbro
MD	Mafic Dyke
SILL	Sill

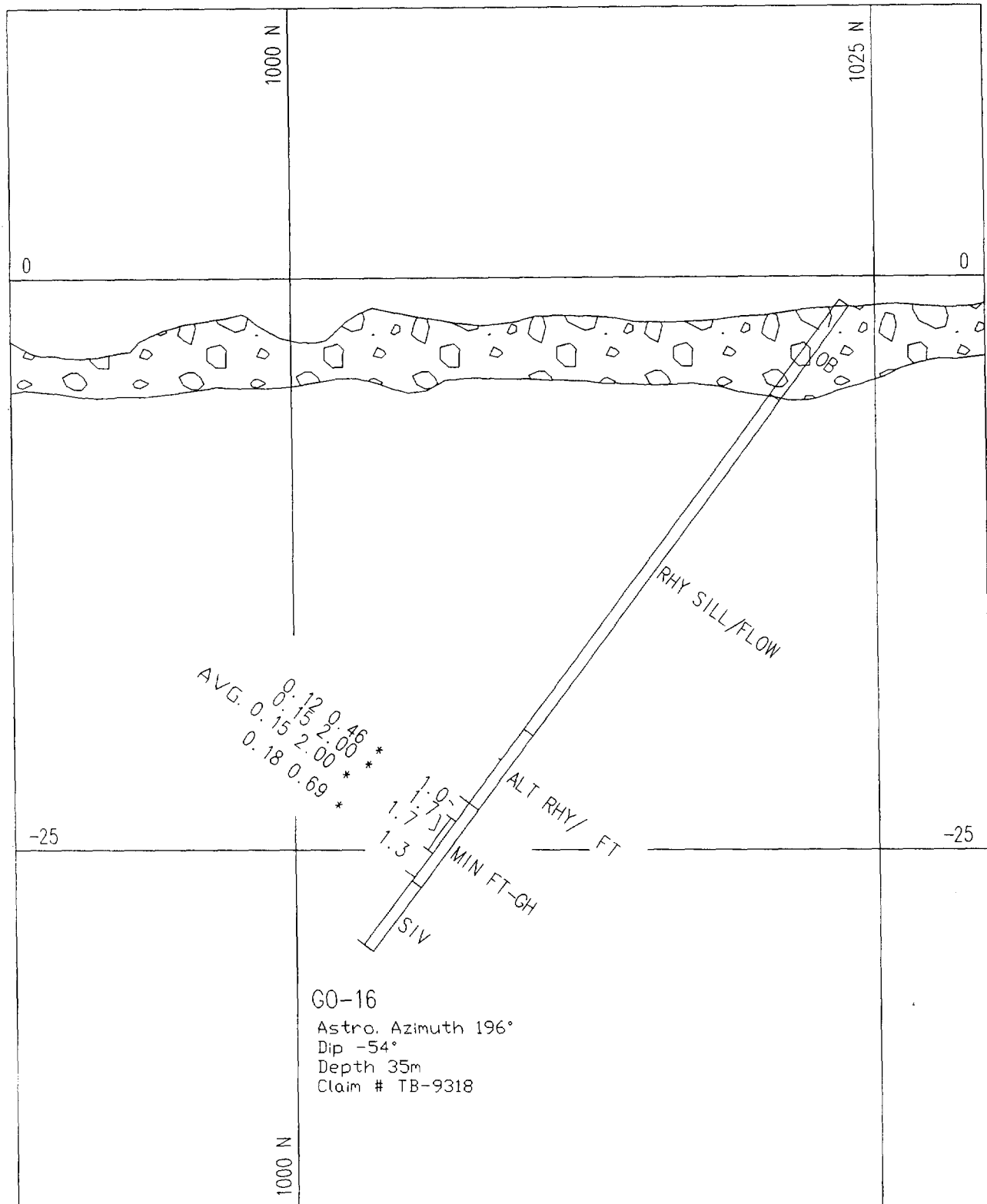
GO-15
 Astro. Azimuth 158°
 Dip -82°
 Depth 48m
 Claim # TB-9318

INMET MINING CORP.
 WINSTON LAKE DIV.

GESIC PROPERTY
 DDH # GO-15
 Section Looking West



By: Gerard Doron
 Date: Aug 1996
 Oct. 3/96 Modified



0.12 0.46 *
 0.15 2.00 *
 0.18 0.69 *
 1.0
 1.7
 1.3

GO-16
 Astro. Azimuth 196°
 Dip -54°
 Depth 35m
 Claim # TB-9318

LEGEND

GEOLOGY	
ALT	Altered
CLR	Clotted Rhyolite
CRT	Intermediate to Felsic Ash
FP	Feldspar Porphyric
FLT	Fault
FSP	Feldspar Phyrlic Phase
FT	Felsic Tuff
FW	Footwall
GH	Gesic Horizon
HW	Hanging Wall
LF	Ladder Flow (mafic flow)
OB	Overburden
RHY	Rhyolite
SED	Sediments
SIV	Garnet Rich Intermediate Ash to Mafic Ash and Sediments
Xstal	Feldspar Crystal Tuff

MINERALIZATION	
MIN	Mineralized
MS	Massive Sulfide
SMS	Semi Massive Sulfide
% Cu, % Zn - Meters core length	

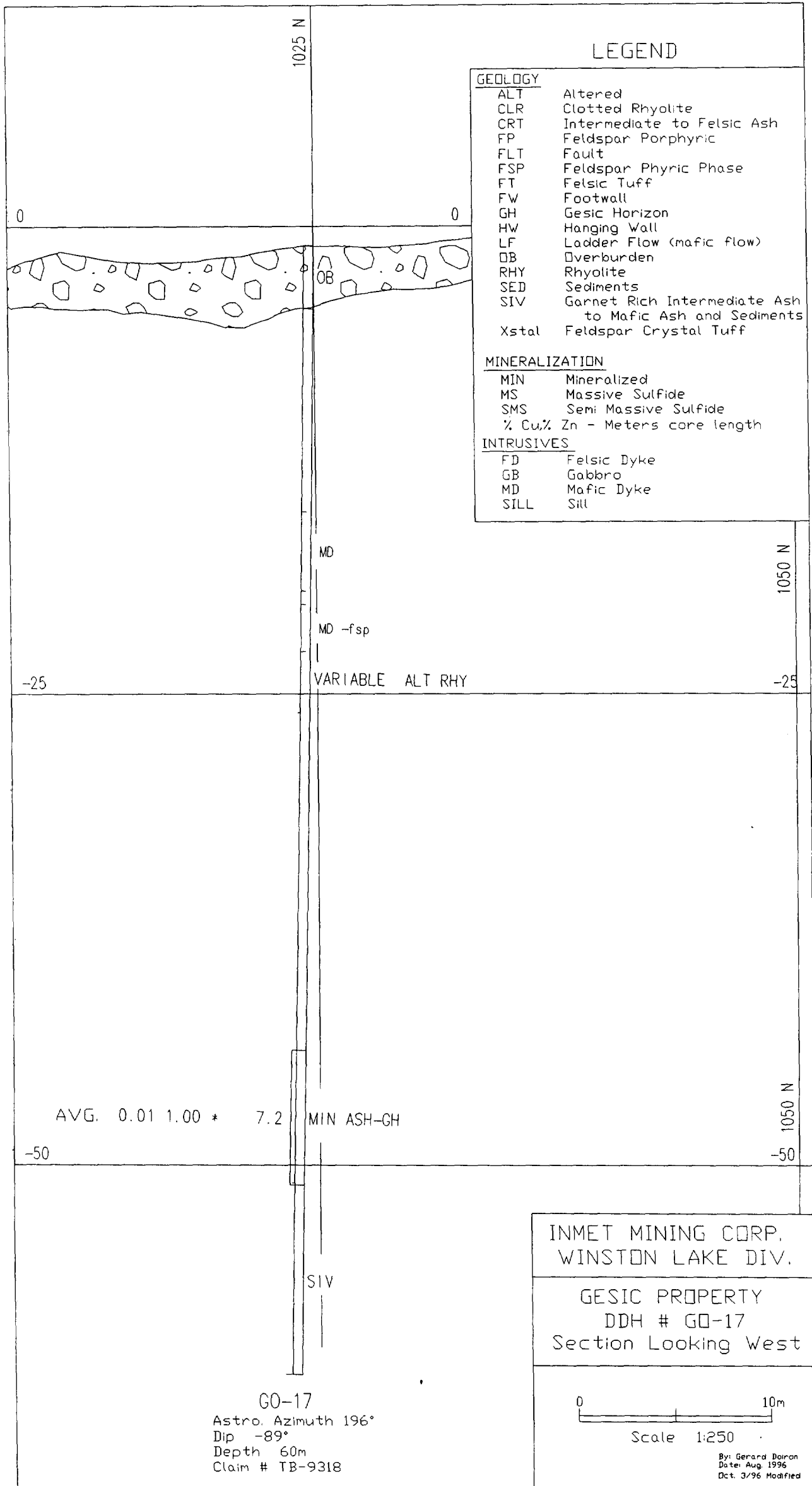
INTRUSIVES	
FD	Felsic Dyke
GB	Gabbro
MD	Mafic Dyke
SILL	Sill

INMET MINING CORP.
 WINSTON LAKE DIV.

GESIC PROPERTY
 DDH # GO-16
 Section Looking West

Scale 1:250

By: Gerard Dolron
 Date: Aug. 1996
 Oct. 3/96 Modified

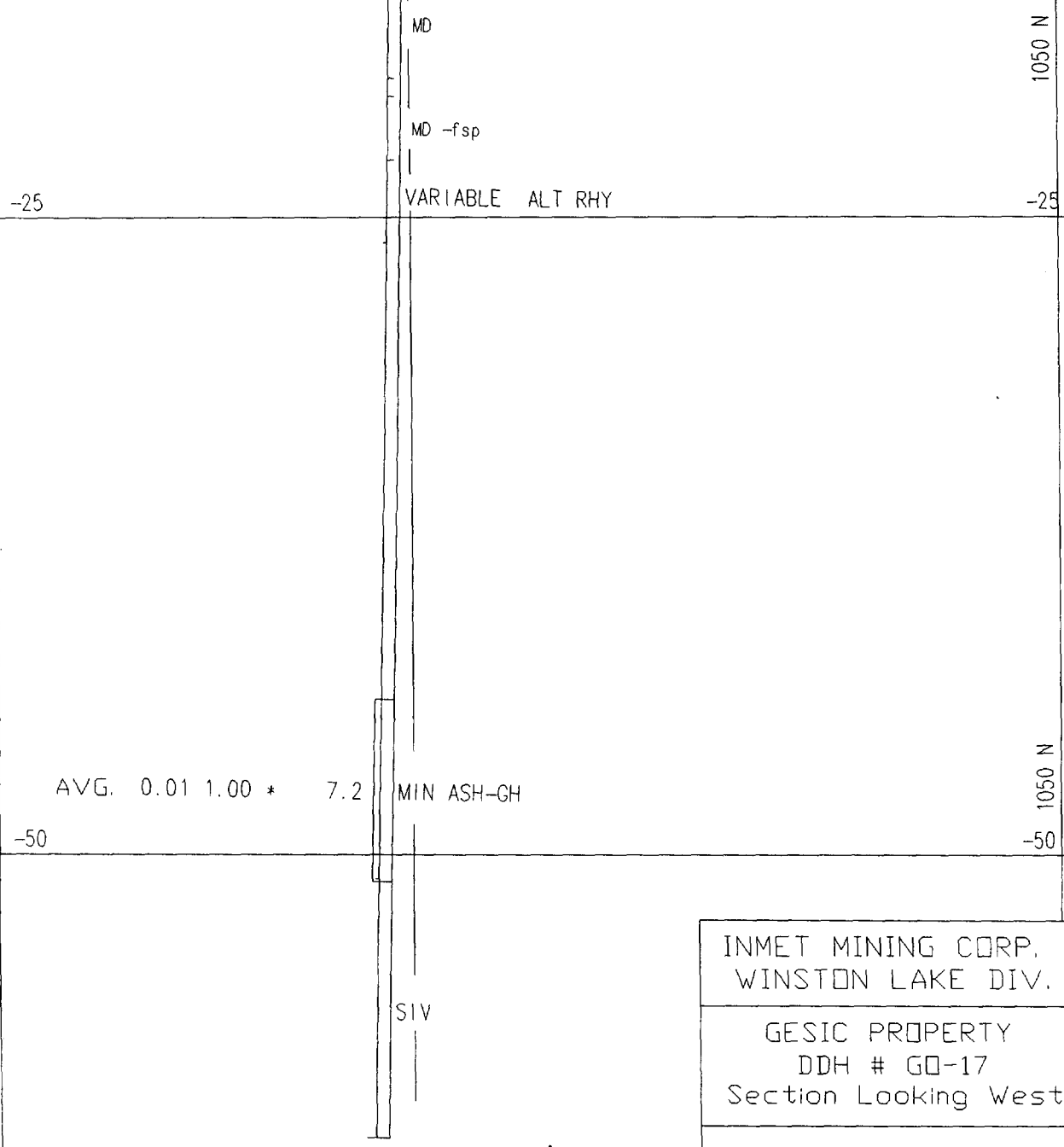


LEGEND

GEOLOGY	
ALT	Altered
CLR	Clotted Rhyolite
CRT	Intermediate to Felsic Ash
FP	Feldspar Porphyric
FLT	Fault
FSP	Feldspar Phyrlic Phase
FT	Felsic Tuff
FW	Footwall
GH	Gesic Horizon
HW	Hanging Wall
LF	Ladder Flow (mafic flow)
OB	Overburden
RHY	Rhyolite
SED	Sediments
SIV	Garnet Rich Intermediate Ash to Mafic Ash and Sediments
Xstal	Feldspar Crystal Tuff

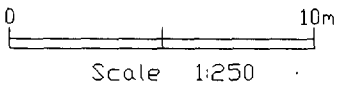
MINERALIZATION	
MIN	Mineralized
MS	Massive Sulfide
SMS	Semi Massive Sulfide
% Cu,% Zn - Meters core length	

INTRUSIVES	
FD	Felsic Dyke
GB	Gabbro
MD	Mafic Dyke
SILL	Sill



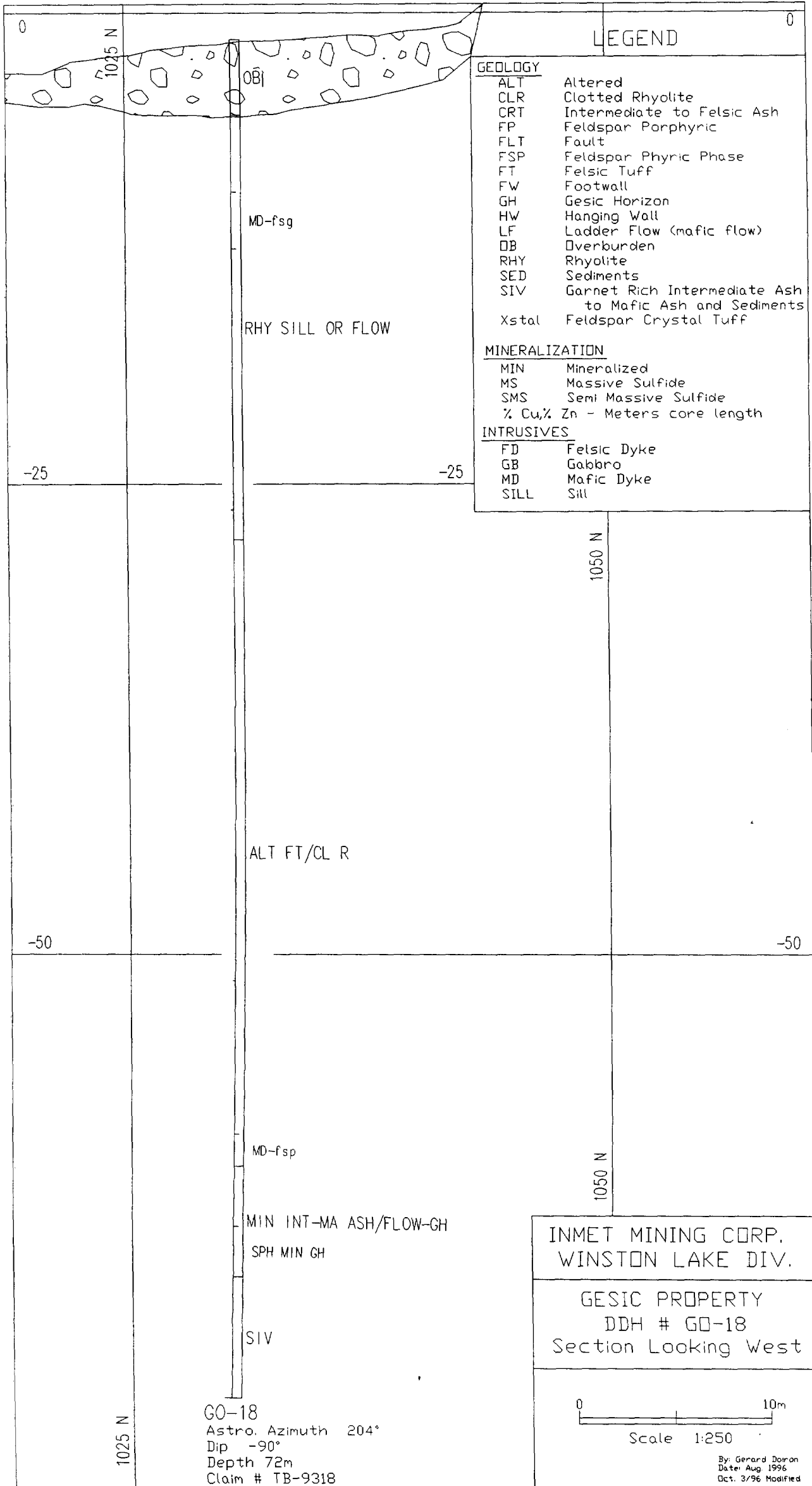
INMET MINING CORP.
WINSTON LAKE DIV.

GESIC PROPERTY
DDH # GO-17
Section Looking West



GO-17
Astro. Azimuth 196°
Dip -89°
Depth 60m
Claim # TB-9318

By: Gerard Doinon
Date: Aug. 1996
Oct. 3/96 Modified

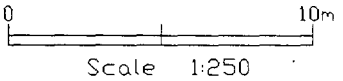


LEGEND

- GEOLOGY**
- ALT Altered
 - CLR Clotted Rhyolite
 - CRT Intermediate to Felsic Ash
 - FP Feldspar Porphyric
 - FLT Fault
 - FSP Feldspar Phyrlic Phase
 - FT Felsic Tuff
 - FW Footwall
 - GH Gesic Horizon
 - HW Hanging Wall
 - LF Ladder Flow (mafic flow)
 - OB Overburden
 - RHY Rhyolite
 - SED Sediments
 - SIV Garnet Rich Intermediate Ash to Mafic Ash and Sediments
 - Xstal Feldspar Crystal Tuff
- MINERALIZATION**
- MIN Mineralized
 - MS Massive Sulfide
 - SMS Semi Massive Sulfide
 - % Cu,% Zn - Meters core length
- INTRUSIVES**
- FD Felsic Dyke
 - GB Gabbro
 - MD Mafic Dyke
 - SILL Sill

INMET MINING CORP.
WINSTON LAKE DIV.

GESIC PROPERTY
DDH # GO-18
Section Looking West



By: Gerard Dornon
Date: Aug. 1996
Oct. 3/96 Modified

GO-18
Astro. Azimuth 204°
Dip -90°
Depth 72m
Claim # TB-9318

LEGEND

GEOLOGY

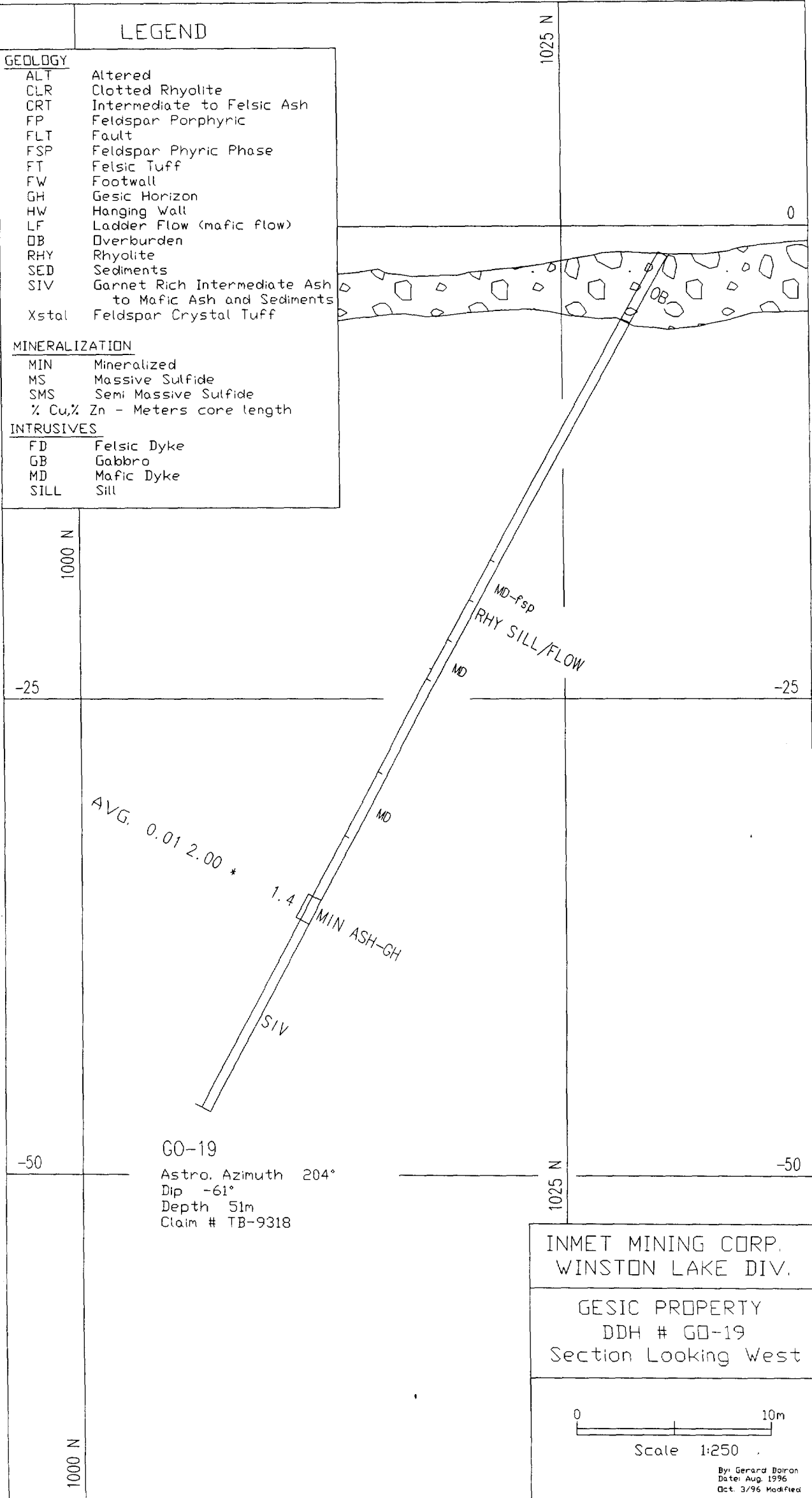
- ALT Altered
- CLR Clotted Rhyolite
- CRT Intermediate to Felsic Ash
- FP Feldspar Porphyric
- FLT Fault
- FSP Feldspar Phyrnic Phase
- FT Felsic Tuff
- FW Footwall
- GH Gesic Horizon
- HW Hanging Wall
- LF Ladder Flow (mafic flow)
- OB Overburden
- RHY Rhyolite
- SED Sediments
- SIV Garnet Rich Intermediate Ash to Mafic Ash and Sediments
- Xstal Feldspar Crystal Tuff

MINERALIZATION

- MIN Mineralized
- MS Massive Sulfide
- SMS Semi Massive Sulfide
- % Cu, % Zn - Meters core length

INTRUSIVES

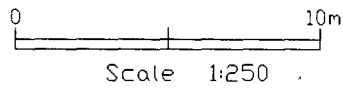
- FD Felsic Dyke
- GB Gabbro
- MD Mafic Dyke
- SILL Sill



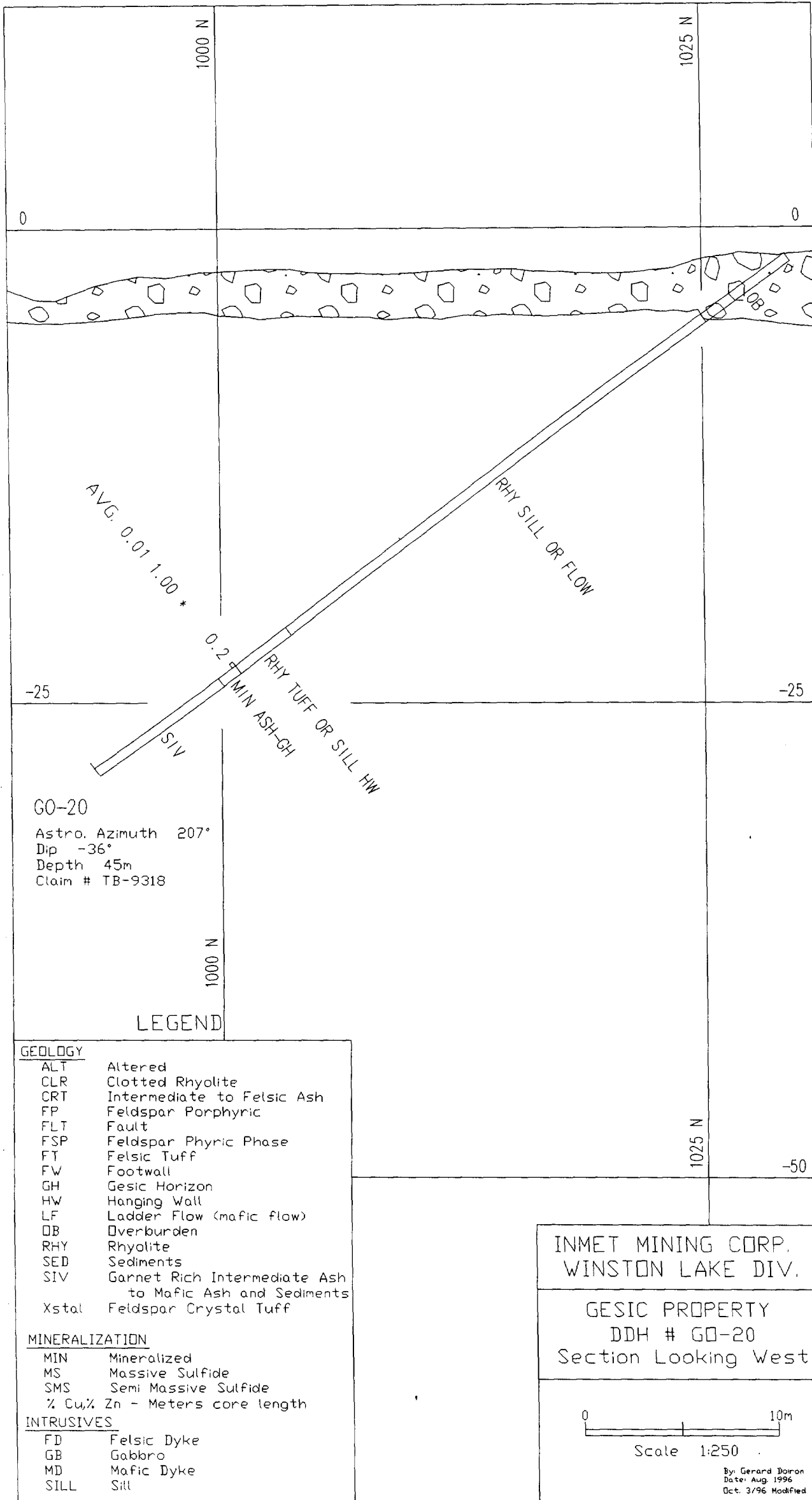
GO-19
 Astro. Azimuth 204°
 Dip -61°
 Depth 51m
 Claim # TB-9318

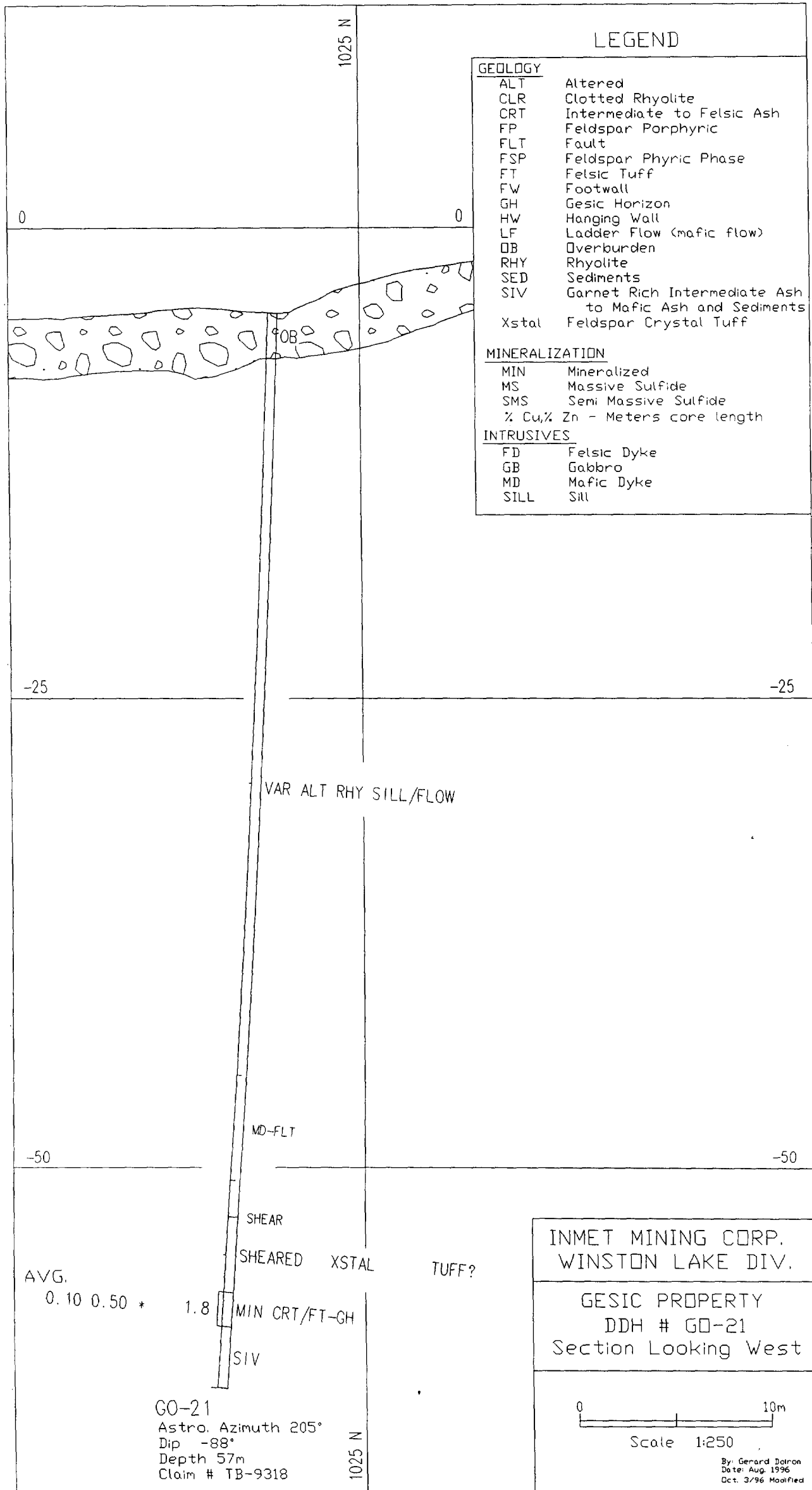
INMET MINING CORP.
 WINSTON LAKE DIV.

GESIC PROPERTY
 DDH # GO-19
 Section Looking West



By: Gerard Bairon
 Date: Aug. 1996
 Oct. 3/96 Modified





LEGEND

GEOLOGY	
ALT	Altered
CLR	Clotted Rhyolite
CRT	Intermediate to Felsic Ash
FP	Feldspar Porphyric
FLT	Fault
FSP	Feldspar Phyrlic Phase
FT	Felsic Tuff
FW	Footwall
GH	Gesic Horizon
HW	Hanging Wall
LF	Ladder Flow (mafic flow)
OB	Overburden
RHY	Rhyolite
SED	Sediments
SIV	Garnet Rich Intermediate Ash to Mafic Ash and Sediments
Xstal	Feldspar Crystal Tuff

MINERALIZATION	
MIN	Mineralized
MS	Massive Sulfide
SMS	Semi Massive Sulfide
% Cu, % Zn - Meters core length	

INTRUSIVES	
FD	Felsic Dyke
GB	Gabbro
MD	Mafic Dyke
SILL	Sill

VAR ALT RHY SILL/FLOW

MD-FLT

SHEAR

SHEARED XSTAL

TUFF?

AVG.
0.10 0.50 *

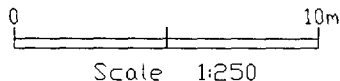
1.8 MIN CRT/FT-GH

SIV

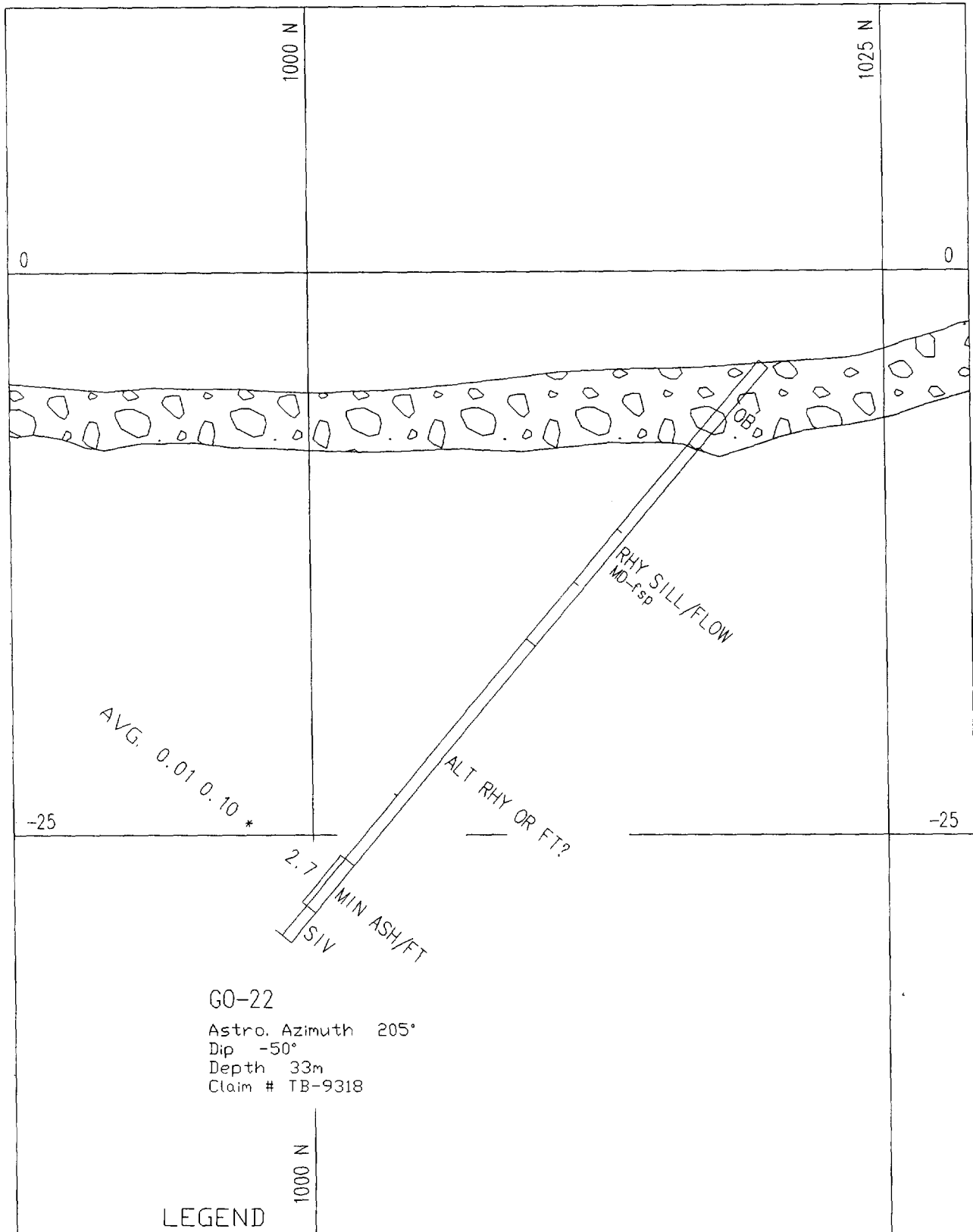
GO-21
Astro. Azimuth 205°
Dip -88°
Depth 57m
Claim # TB-9318

INMET MINING CORP.
WINSTON LAKE DIV.

GESIC PROPERTY
DDH # GO-21
Section Looking West



By: Gerard Dolron
Date: Aug. 1996
Oct. 3/96 Modified



GO-22
 Astro. Azimuth 205°
 Dip -50°
 Depth 33m
 Claim # TB-9318

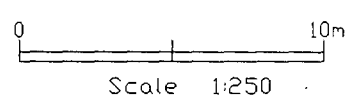
LEGEND

GEOLOGY	
ALT	Altered
CLR	Clotted Rhyolite
CRT	Intermediate to Felsic Ash
FP	Feldspar Porphyric
FLT	Fault
FSP	Feldspar Phyric Phase
FT	Felsic Tuff
FW	Footwall
GH	Gesic Horizon
HW	Hanging Wall
LF	Ladder Flow (mafic flow)
QB	Overburden
RHY	Rhyolite
SED	Sediments
SIV	Garnet Rich Intermediate Ash to Mafic Ash and Sediments
Xstal	Feldspar Crystal Tuff

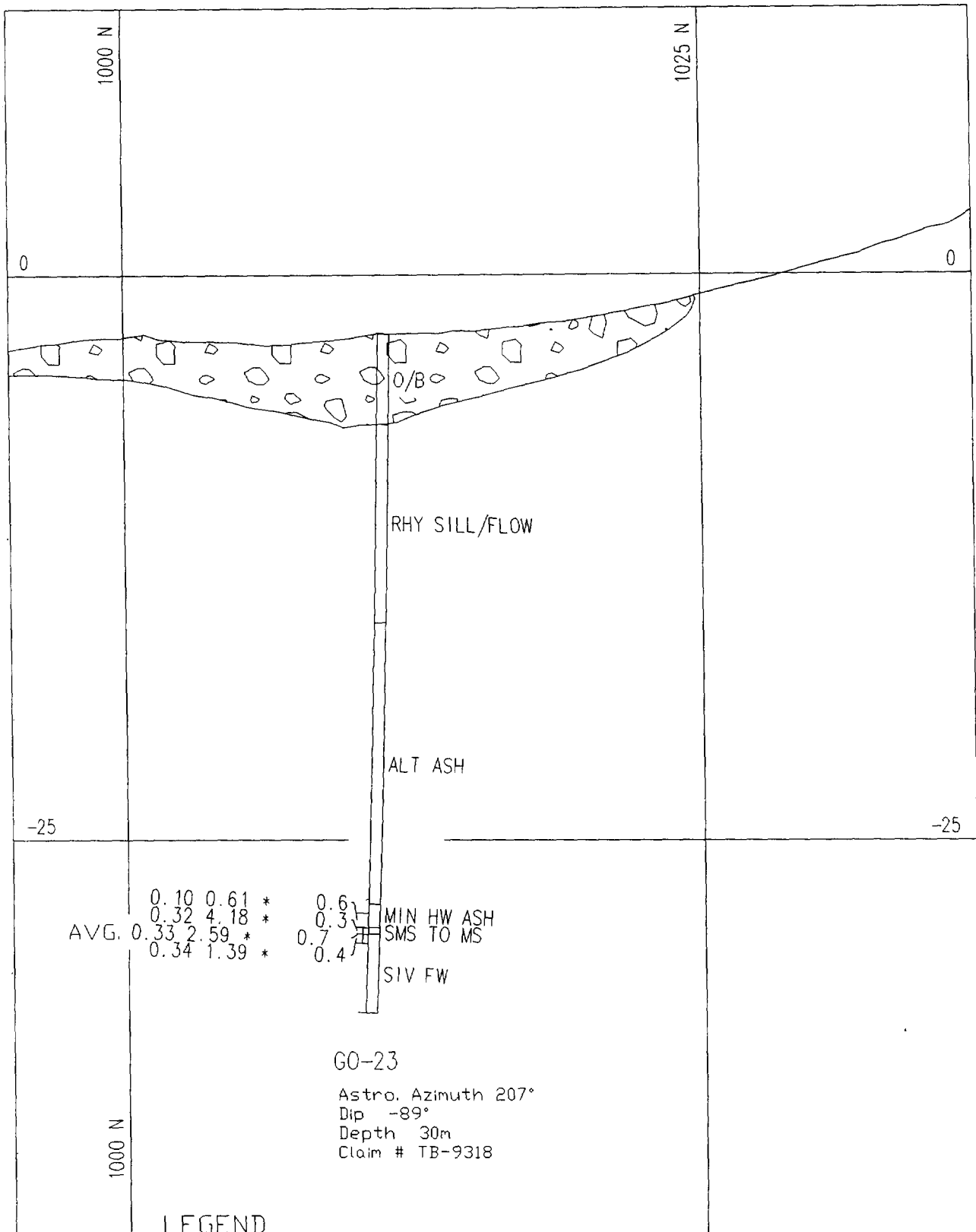
MINERALIZATION	
MIN	Mineralized
MS	Massive Sulfide
SMS	Semi Massive Sulfide
% Cu, % Zn	- Meters core length

INTRUSIVES	
FD	Felsic Dyke
GB	Gabbro
MD	Mafic Dyke
SILL	Sill

INMET MINING CORP.
 WINSTON LAKE DIV.
 GESIC PROPERTY
 DDH # GO-22
 Section Looking West



By: Gerard Dornon
 Date: Aug. 1996
 Oct. 3/96 Modified



	0.10	0.61 *	0.61	
	0.32	4.18 *	0.31	
AVG.	0.33	2.59 *	0.7	
	0.34	1.39 *	0.4	

GO-23
 Astro. Azimuth 207°
 Dip -89°
 Depth 30m
 Claim # TB-9318

LEGEND

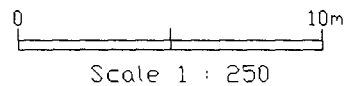
GEOLOGY	
ALT	Altered
CLR	Clotted Rhyolite
CRT	Intermediate to Felsic Ash
FP	Feldspar Porphyric
FLT	Fault
FSP	Feldspar Phyrlic Phase
FT	Felsic Tuff
FW	Footwall
GH	Gesic Horizon
HW	Hanging Wall
LF	Ladder Flow (mafic flow)
OB	Overburden
RHY	Rhyolite
SED	Sediments
SIV	Garnet Rich Intermediate Ash to Mafic Ash and Sediments
xstal	Feldspar Crystal Tuff

MINERALIZATION	
MIN	Mineralized
MS	Massive Sulfide
SMS	Semi Massive Sulfide
% Cu,% Zn - Meters core length	

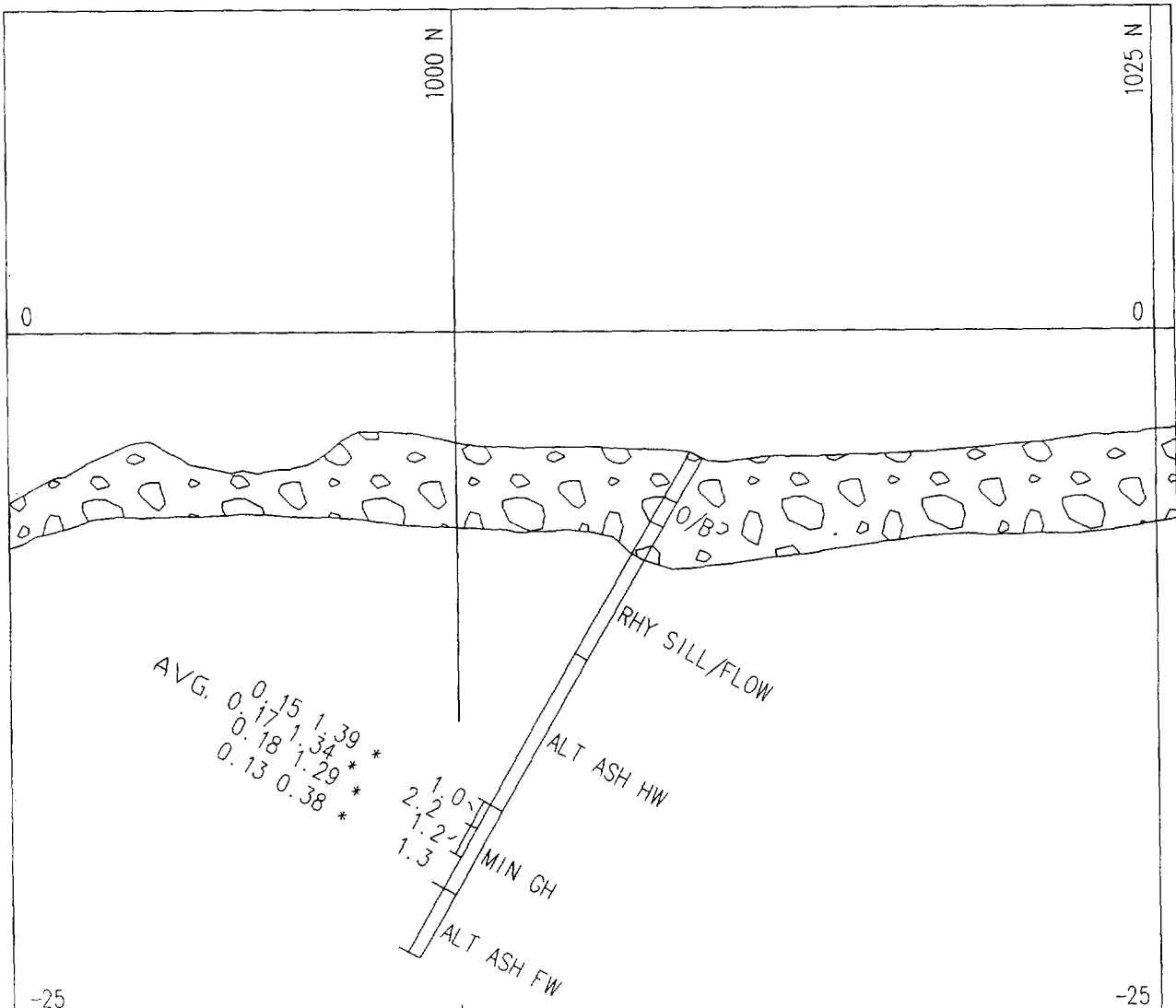
INTRUSIVES	
FD	Felsic Dyke
GB	Gabbro
MD	Mafic Dyke
SILL	Sill

INMET MINING CORP.
 WINSTON LAKE DIV.

GESIC PROPERTY
 DDH # GO-23
 Section Looking West



By: Gerard Doinon
 Date: Aug. 1996
 Oct. 3/96 Modified



AVG. 0.15 1.39 *
 0.17 1.34 *
 0.18 1.29 *
 0.13 0.38 *

1.0
 2.2
 1.2
 1.3

GO-25
 Astro. Azimuth 207°
 Dip -60°
 Depth 21m
 Claim # TB-9318

LEGEND

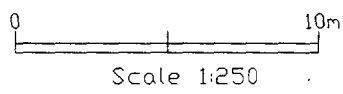
GEOLOGY	
ALT	Altered
CLR	Clotted Rhyolite
CRT	Intermediate to Felsic Ash
FP	Feldspar Porphyric
FLT	Fault
FSP	Feldspar Phyrlic Phase
FT	Felsic Tuff
FW	Footwall
GH	Gesic Horizon
HW	Hanging Wall
LF	Ladder Flow (mafic flow)
OB	Overburden
RHY	Rhyolite
SED	Sediments
SIV	Garnet Rich Intermediate Ash to Mafic Ash and Sediments
Xstal	Feldspar Crystal Tuff

MINERALIZATION	
MIN	Mineralized
MS	Massive Sulfide
SMS	Semi Massive Sulfide
% Cu,% Zn - Meters core length	

INTRUSIVES	
FD	Felsic Dyke
GB	Gabbro
MD	Mafic Dyke
SILL	Sill

INMET MINING CORP.
 WINSTON LAKE DIV.

GESIC PROPERTY
 DDH # GO-25
 Section Looking West



By: Gerard Doran
 Date: Aug. 1996
 Oct. 3/96 Modified

0

0

DDH # G0-26
WAS NOT DRILLED

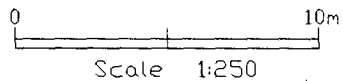
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-25

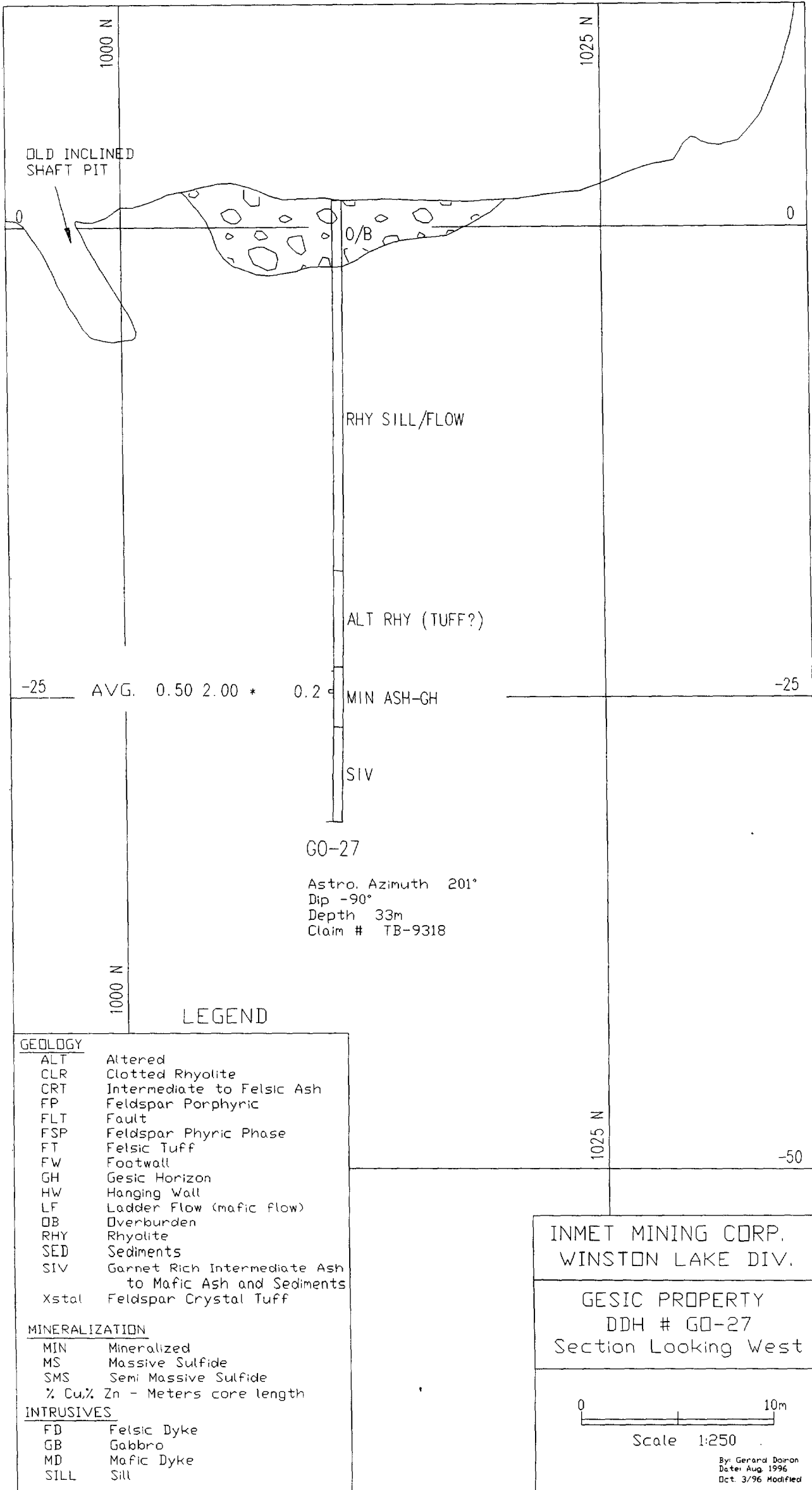
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INMET MINING CORP.
WINSTON LAKE DIV.

GESIC PROPERTY
DDH # G0-26
Section Looking West



By: Gerard Dorian
Date: Aug. 1996
Date: Oct. 3/96 Modified



OLD INCLINED
SHAFT PIT

RHY SILL/FLOW

ALT RHY (TUFF?)

-25 AVG. 0.50 2.00 * 0.2

MIN ASH-GH

SIV

GO-27

Astro. Azimuth 201°
Dip -90°
Depth 33m
Claim # TB-9318

LEGEND

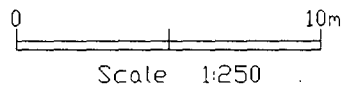
GEOLOGY	
ALT	Altered
CLR	Clotted Rhyolite
CRT	Intermediate to Felsic Ash
FP	Feldspar Porphyric
FLT	Fault
FSP	Feldspar Phyrlic Phase
FT	Felsic Tuff
FW	Footwall
GH	Gesic Horizon
HW	Hanging Wall
LF	Ladder Flow (mafic flow)
DB	Overburden
RHY	Rhyolite
SED	Sediments
SIV	Garnet Rich Intermediate Ash to Mafic Ash and Sediments
xstal	Feldspar Crystal Tuff

MINERALIZATION	
MIN	Mineralized
MS	Massive Sulfide
SMS	Semi Massive Sulfide
% Cu.% Zn - Meters core length	

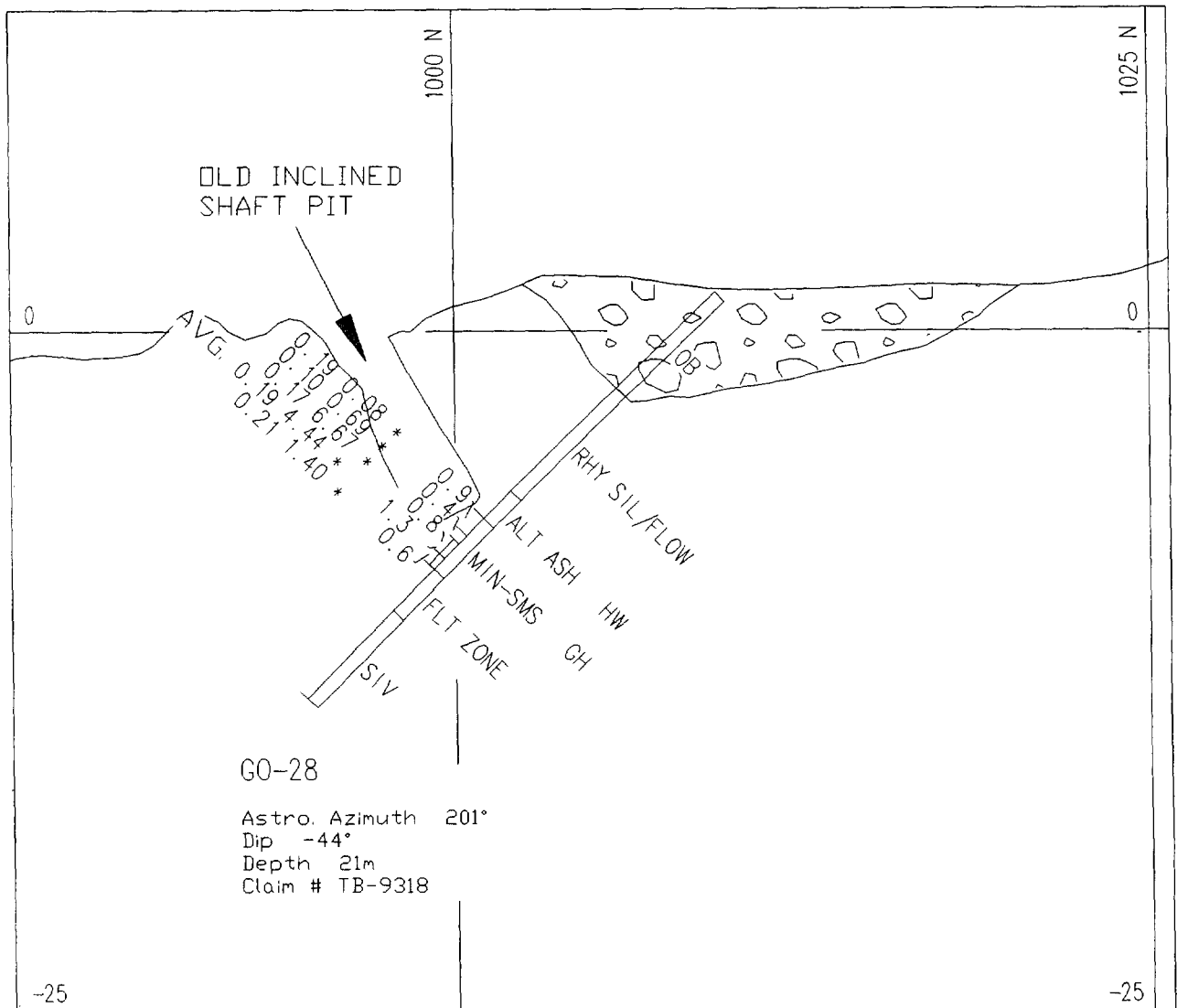
INTRUSIVES	
FD	Felsic Dyke
GB	Gabbro
MD	Mafic Dyke
SILL	Sill

INMET MINING CORP.
WINSTON LAKE DIV.

GESIC PROPERTY
DDH # GO-27
Section Looking West



By: Gerard Doinon
Date: Aug. 1996
Oct. 3/96 Modified



LEGEND

GEOLOGY

ALT	Altered
CLR	Clotted Rhyolite
CRT	Intermediate to Felsic Ash
FP	Feldspar Porphyric
FLT	Fault
FSP	Feldspar Phyrlic Phase
FT	Felsic Tuff
FW	Footwall
GH	Gesic Horizon
HW	Hanging Wall
LF	Ladder Flow (mafic flow)
OB	Overburden
RHY	Rhyolite
SED	Sediments
SIV	Garnet Rich Intermediate Ash to Mafic Ash and Sediments
Xstal	Feldspar Crystal Tuff

MINERALIZATION

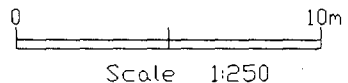
MIN	Mineralized
MS	Massive Sulfide
SMS	Semi Massive Sulfide
% Cu,% Zn - Meters core length	

INTRUSIVES

FD	Felsic Dyke
GB	Gabbro
MD	Mafic Dyke
SILL	Sill

INMET MINING CORP.
WINSTON LAKE DIV.

GESIC PROPERTY
DDH # GO-28
Section Looking West



By Gerard Doinon
Date: Aug. 1996
Oct. 3/96 Modified

MINNOVA INC.
DRILL HOLE RECORD

HOLE NUMBER: GO-10

DATE: 20-June-1995

FROM TO	ROCK TYPE	TEXTURE AND STRUCTURE	ANGLE TO CA	ALTERATION	MINERALIZATION	REMARKS
0.00 TO 7.50	«O/B»					Casing to _____ M.
7.50 TO 15.10	«FD/RHY» RHYOLITE SILL OR FLOW	Aphanitic to fine grained; Pale grey and pink with dark grey to black narrow wisps or bands (4mm); Foliated or banded..... siliceous rhyolite sill or flow.; Locally feldspar porphyritic and granitic in appearance. Veins (5-10cm) of similar material occur lower in the stratigraphy (and hole). Suggesting intrusive nature.	70		Tr. - 4% Bleby to wispy recrystallized pyrite.	Very blocky. 9 zones of gravel (10-30cm).
15.10 TO 19.30	«ASH/SED» INTERMEDIATE ASH FLOW WITH SEDIMENT	Fine grained.; Pale to medium grey, Granular.; Massive to weakly banded or foliated, Intermediate ash flow and sediments.; Weak to moderate alteration.; biotite-sericite-pyrite; garn-bio-py-chlor.; Pyrite mineralized throughout.;		15.1 - 18.9m 10 - 30% Bio.; 5 - 20% Ser.; 18.9 - 19.3m 5% Garn.; 20 - 30% bio.; 10 - 30% chlor.;	15.1 - 20.15m 2 - 5% pyrite bleby and wispy.; Locally recrystallized.;	
19.30 TO 20.50	«CLR/GH» CLOTTED RHYOLITE/ ASH GESIC HORIZON	Fine grained.; Pale grey-green and black.; Banded intermediate.; Altered pyroclastic (ash) and sediment.; Strongly altered.; {20.15 - 20.50} «SPH MIN»		10 - 20% sil.ep bands.; 30 - 50% Bio-chlor.; 2 - 3% Garnet.;	3 - 5% Pyrite. Bleby to wispy recrystallized.; Trace to 1% sphalerite disseminated and discontinuous narrow (4mm) stringers.; (i.e. wispy)	WU - 12451
20.50 TO 21.70	«SMS» SEMI MASSIVE AND STRINGER SULPHIDES	Semi-massive to locally massive and stringer sulphides.; Fine grained.; Red-brown and medium grey-green and pyritic.; Locally banded SMS mineralized Ash/CLR.; 20.5 - 21.25 20% Wispy to stringer Sph-Po-Py-Cpy.;			10% Sphalerite, red-brown and honey yellow. Interstitial with ash and wispy to stringer.;	WU - 12452 EST, 0.3% Cu - 6.0% Zn

FROM TO	ROCK TYPE	TEXTURE AND STRUCTURE	ANGLE TO CA	ALTERATION	MINERALIZATION	REMARKS
		21.25 - 21.50 Interstitial to stringer Sph-Po-Py-Cpy.; Banded..... 21.50 - 21.7m 30 - 35% interstitial to stringer Py-Po-Sph-Cpy.;	70		5 - 7% Pyrrhotite 3 - 5% pyrite 1% chalcopyrite with pyrite.; 21.25 - 21.50 20% Sph.; (as above) 12% Pyrite.; 7% Pyrrhotite; 1% chalcopyrite.; 21.5 - 21.7m 10 - 15% Pyrrhotite; 10 - 15% Pyrite 1 - 2% Sphalerite; Tr. Chalcopyrite.;	0.75m WU - 12453 EST, 0.3% Cu - 11.0% Zn 0.25m WU - 12454 EST. 0.01% Cu - 0.7% Zn 0.20m
21.70 TO 27.00	«SIV» GARNET RICH INTERMEDIATE TO MAFIC ASH AND SEDIMENT	Fine grained;; Medium to dark grey with pale pink garnet porphyroblasts;; Locally glomeroporphyroblastic (with clusters of 1mm to 15mm garnets), intermediate to mafic ash and sediment.; Poor banding texture, local weak foliation at..... Moderate to strong alteration, increasing toward narrow zones of intense alteration.;	65	Narrow 3 - 10cm bands of: Garnet 20 - 80% Staurolite 5 - 10% (honey Sph/) Cordierite 3 - 10% Chlorite 5 - 20% Staupolite is honey yellow and crystalline to wispy.; Locally looks like honey sphalerite.;		"SIV" refers to saturated intermediate volcanoclastic.; This ash and sediment unit was water saturated and unconsolidated during the intrusion of the zenith sill through the feeder. Pepperitic texture observed with GB "buds" in SIV.;

HOLE NUMBER: GO-10

ASSAY SHEET

DATE: 20-June-1995

Sample	From (m)	To (m)	Length (m)	ESTIMATES				ASSAYS				SG t/m ³	CSG t/m ³	Netbk \$/t	Cu / Cu+Zn	Slfide %	Re-Py %	COMMENTS
				Cu %	Zn %	Py %	Po %	Cu %	Zn %	Ag g/t	Au g/t							
WU-12451	20.15	20.50	0.35		0.3	5	2	0.08	0.15	0.01	0.02	2.86	2.56	0.35	7.50	4.98	WISPY PY-PO	
WU-12452	20.50	21.25	0.75	0.3	6.0	3	7	0.2	8.46	0.06	0.02	3.00	54.52	0.02	21.00	1.87	20-25% SULPHIDES	
WU-12453	21.25	21.50	0.25	0.3	11	12	7	0.26	13.60	0.08	0.04	3.30	86.37	0.02	38.33	9.34	SMS-MS	
WU-12454	21.50	21.70	0.20	0.1	0.7	10	10	0.29	3.48	0.04	0.02	3.09	26.76	0.08	21.50	7.36	WISPY-STRINGER PY-PO	
AVE.	20.50	21.70	1.20	0.27	6.16	6.04	7.50	0.23	8.70	0.06	0.02	3.08	56.58	0.03	24.71	4.21		

HOLE NUMBER: GO-10

ASSAY SHEET

PAGE: 1

FROM TO	ROCK TYPE	TEXTURE AND STRUCTURE	ANGLE TO CA	ALTERATION	MINERALIZATION	REMARKS
0.00 TO 4.90	«OB» OVERBURDEN					
4.90 TO 28.50	«RHY SIL/FL OW» FELSIC DYKE ("FD")? OR RHYOLITE FLOW	Aphanitic, Pale grey to me. grey and pink.; Locally banded or foliated, locally feldspar phyrlic rhyolite sill or flow.; 9.9 -13.7 «MD» Aphyric, F. Gr.; 18.0 - 28.0 «FSP» Feldspar phyrlic phase			Tr. - 10% Phyrile dissem-stringer 5.4 - 5.6 10% pyrite, stringer, recrystallized.;	
28.50 TO 35.80	«HW ASH SED » INTERMEDIATE ASH AND SEDIMENT	Fine grained,; Med grey generally massive.; Locally porphyroblastic intermediate ash and sediment.; 35.7 - 35.8 Qtz vein with pyrite at contact with Sphal.min.;		Weak to mod bio-py-sil-garn alteration. Strong bio-chlor-garn I cord Alt. in immediate hanging wall.;	Tr. - 5% dissem. bleb and local stringer pyrite (recrystallized).;	
35.80 TO 37.50	«MIN ASH GH » SPHALFRITE MINERALIZED INTERMEDIATE ASH	Fine grained, Pale to med. grey and red-brown laminated and banded to massive, sphalerite mineralized, intermediate and felsic ash tuff. Laminated at.....	35 40	Siliceous (could be primary)	20 - 25% laminated and stringer and network (interstitial) supphides. 2 - 7% Po.; 1 - 5% Py.; 1 - 7% Sph.; Tr. - 2% Cpy.;	Gesic Horizon up to estimated 35.8 - 36.6 0.5% Cu - 4% Zn 0.8m Laminated? and network Sph-Po-Cp-Py.;
37.50 TO 42.00	«SIV» GARNET - RICH SEDIMENT AND ASH	Fine grained,; Medium grey and pink,; Porphyroblastic, intermediate sediment and ash.; Garnet porphyroblasts generally clustered, locally in bands 1mm- 1cm, 5-60%				

HOLE NUMBER: GO-11

ASSAY SHEET

DATE: 20-June-1995

Sample	From (m)	To (m)	Length (m)	ESTIMATES				ASSAYS				SG t/m3	CSG t/m3	Netbk \$/t	Cu / Cu+Zn	Slfide %	Re-Py %	COMMENTS
				Cu %	Zn %	Py %	Po %	Cu %	Zn %	Ag g/t	Au g/t							
AVE.	35.80	36.60	0.80	0.5	4.0	3	5	0.5	4.0								LAM/NETWORK SULPHIDES	

MINNOVA INC.
DRILL HOLE RECORD

HOLE NUMBER: GO-12

DATE: 20-June-1995

FROM TO	ROCK TYPE	TEXTURE AND STRUCTURE	ANGLE TO CA	ALTERATION	MINERALIZATION	REMARKS
0.00 TO 3.70	«OB» OVERBURDEN					
3.70 TO 28.20	«RHY SILL/FLOW» RHYOLITE SILL OR FLOW FELSIC DYKE "FD"	Aphanitic, Pale-med grey and pink;; Locally porphyriac.; Banded or foliated rhyolite sill flow.; 9.3 - 10.4 MD 12.7 - 13.2 MD 13.6 - 14.1 MD at..... ↓16.9 - 24.0↓ «FSP» Feldspar Phyric 24.0 - 27.5 Min Foliated/Banded Rhy.; ↓27.5 - 28.2↓ «FLT» FLT BRX Flt gouge, fractures, Qtz veins.;	45	Chloritic	2 - 5% Dissem Recryst. Py.;	FD. (off) 30cm lost core at 8.5m.;
28.20 TO 30.30	«HW ASH» INTERMEDIATE ASH	Fine grained.; Med. grey,; massive to banded/beaded.; Intermediate ash and minor sediments.;		Locally garnetferous to 5%, 1-3mm weak-mod. bio-chlor-sil garn alteration Strong alteration in immediate HW. Local sillimanite.;		30.1 - 30.2 Sillim.;
30.30 TO 31.30	«MIN CRT/AS H-GH» SPHALERITE MINERALIZED FELSIC TUFF	Pale and med. grey, F.gr. to aphanitic; Locally cherty felsic to intermediate tuff and ash.; Wispy sphalerite in 1 - 3cm bands.; Laminae/bands at..... Flt. at lower contact with SIV.;	50		Tr. sphalertie.;	"GESIC HORIZON" Tr. - 1% Zn.; Locally over 3 - 7cm.;
31.30 TO 36.00	«SIV» GARNETFEROUS INTERMEDIATE TO MAFIC SEDIMENTS	F.gr.; Med. grey, Massive to porphyroblastic int. MA seds and ash.; Garntes often clustered or banded.; 31.3 - 31.6 FLT BRX 34.0 - 34.7 MA TUFF/ASH		Mod. to strong bio-chlor-garn alteration;		

HOLE NUMBER: GO-12

MINNOVA INC.
DRILL HOLE RECORD

DATE: 20-June-1995

FROM TO	ROCK TYPE	TEXTURE AND STRUCTURE	ANGLE TO CA	ALTERATION	MINERALIZATION	REMARKS
	AND ASH	35.4 - 36.0 MD Chill and contact at 35.95m				

HOLE NUMBER: GO-12

ASSAY SHEET

DATE: 20-June-1995

Sample	From (m)	To (m)	Length (m)	ESTIMATES				ASSAYS				SG t/m ³	CSG t/m ³	Netbk \$/t	Cu / Cu+Zn	Slfide %	Re-Py %	COMMENTS
				Cu %	Zn %	Py %	Po %	Cu %	Zn %	Ag g/t	Au g/t							
AVE.	30.30	31.30	1.00	TR	TR	1	1	.01	.5									

FROM TO	ROCK TYPE	TEXTURE AND STRUCTURE	ANGLE TO CA	ALTERATION	MINERALIZATION	REMARKS
0.00 TO 4.00	«O/B» OVERBURDEN					
4.00 TO 11.80	«FD/RHY» RHYOLITE SILL OR FLOW (PORPHYRY)	Aphanitic,; Pale grey to buff to pink.; Locally feldspar porphyritic (1 -2mm, 5 - 7%); Locally banded to foliated at..... Siliceous with amph/chlor/bio clots.; Pyrite mineralized.;	28		Locally recrystallized 2 - 7% bleb & wispy pyrite.;	Very blocky
11.80 TO 24.00	«MD/GB/LF» MAFIC DYKE OR GABBRO LF FEEDER	Fine to med. gr.; med. to dark green-grey.; Generally massive.; Locally feldspar porphyritic (1 - 2mm, 1 - 3% -"LF"?).; Locally foliated to sheared at 25.35.; 13.2 - 14.0.; 15.1 - 16.7.; 17.5 - 17.7; FD/RHY 18.0 - 18.5 «SHEAR at 25 deg» 19.6 - 19.8 SHEAR 23.3 - 23.4 RHY/FD with chlor slip at lower ctc at 30 deg.;		Shear: chl-sil-carb-k-spar.; Shear: chlorite slips.;		Feldspar porphyritic phase may be ladder flow feeder.;
24.00 TO 30.80	«FD/RHY» AS ABOVE	As above.; More pink-red due to K-stain.; More feldspar phyruc (less alt?)		Increase potassic staining.; Decrease amph/.chlor/bio clots to 27.0m then as before.;	Tr. - 1% dissem pyrite.;	
30.80 TO 33.90	«MD/GB» MASSIVE DYKE OR GABBRO	As above without porphyritic phases.;				
33.90 TO 43.10	«ALT, MIN G H-RHY/FD» MINERALIZED ALTERED BANDED FELSIC ASH OR RHY/FD	Strongly altered,; Poorly mineralized banded siliceous ash or rhyolite sill/flow.; 35.5 - 35.6 GR vein 37.21 - 38.0 «CHL-PY-SIL FLT» Vuggy silica, chlorite, pyrite-rich fault zone.; 38.7 - 39.6 «MIN GH»		Strong Sil-ser-bio-garn alteration SER 20 - 30% BIO 10 - 20% GARN 5 - 10% Silica bands 0.5 - 1.5cm.; Minor K-staining.;	3 - 10% banded, wispy and stringer pyrite.; 7 - 10% pyrite.; 7 - 10% bleb, wispy and stringer sulphides.; Tr. sphalerite.; 7 - 10% pyrite.; 41.8 Tr. Sphalerite	MIN GH

FROM TO	ROCK TYPE	TEXTURE AND STRUCTURE	ANGLE TO CA	ALTERATION	MINERALIZATION	REMARKS
				Silica-sericite-chlorite-rich zone.;		
43.10 TO 54.10	«ALT SIV» ALTERED GARNETI- FEROUS TO MAFIC ASH AND SEDIMENT	Fine grained.; Med. to dark grey.; Massive to porphyroblastic and locally foliated.; Brick work altered intermediate to mafic ash and sediment.;		10 - 20 cm zones of intense cord-bio-chlor-staur-garn alteration.;	Tr. - 3% dissem pyrite.;	
54.10 TO 57.00	«INTENSE ALT SIV» INTENSELY ALTERED INT-MA ASH-SED	Fine grained.; Porphyroblastic (to glomeroporphyroblastic).; Med. grey-green to pink to med. brown. (staurotite-biotite?)		Intense alteration consists of: 10 - 30% Cord.; 10 - 30% Bio.; 10 - 30% Chl.; 5 - 50% Garnet.; 0 - 30% Staurolite garnets locally occur in clusters as bands.;		

HOLE NUMBER: GO-13

ASSAY SHEET

DATE: 20-June-1995

Sample	From (m)	To (m)	Length (m)	ESTIMATES				ASSAYS				SG t/m ³	CSG t/m ³	Netbk \$/t	Cu / Cu+Zn	Slfide %	Re-Py %	COMMENTS
				Cu %	Zn %	Py %	Po %	Cu %	Zn %	Ag g/t	Au g/t							
AVE.	38.70	39.60	0.90	TR	TR	7	3	.01	.1									

FROM TO	ROCK TYPE	TEXTURE AND STRUCTURE	ANGLE TO CA	ALTERATION	MINERALIZATION	REMARKS
0.00 TO 4.20	«O/B» OVERBURDEN					
4.20 TO 4.90	«MD/GB» MAFFIC DYKE OR GABBRO	Dark green.; Fine grained.; Mafic or gabbro dyke/sill.				
4.90 TO 16.30	«RHY/FD» RHYOLITE SILL OR FLOW WITH MAFIC/GB DYKES	Aphanitic,; Pale grey to pink with dark green amph clots.; Locally geldspar phyrlic.; Pink potassic staining.; Blocky fractured MDS.; 9.2 - 10.1 MD Sheared over 5cm at..... Lower contact.; 11.0 - 11.2 MD fsp. at: 15.6 - 16.3 MD	45			Very Blocky
16.30 TO 19.20	«ALT XSTAL TUFF» ALTERED FELDSPAR CRYSTAL TUFF	Fine grained.; Med. grey, foliated,; altered.; feldspar porphyritic,; Dirty felsic to intermediate crystal tuff.;		Moderate garnet-sericite-biotite-pyrite alteration.;	Tr. - 3% dissem & bleby Py.;	
19.20 TO 22.10	«ALT ASH/RHY» ALTERED INTERMEDIATE ASH OR FOLIATED RHY SILL/ FLOW	Similar to above.; Stronger alteration and no phenocrysts.; Strong foliation at.....	50	Moderate to strong silica-garnet-sericite-biotite alteration.; Sericite to 40% garnet to 5% silica flooded along bands (1mm-15mm).;		
22.10 TO 24.80	«MIN ASH/TUFF - GH» MINERALIZED FELSIC TO INTERMEDIATE	Similar to above but mineralized and with decreased garnet content.; Intensely foliated at..... Graded lower contact with SIV	55	Decrease sericite-silical- alteration.;	Trace disseminated bleby and wispy red-brown sphalerite and honey sphalerite.; Estimated 2 - 3% sphalerite.;	GESIC HORIZON SHEARED

HOLE NUMBER: GO-14

MINNOVA INC.
DRILL HOLE RECORD

DATE: 20-June-1995

FROM TO	ROCK TYPE	TEXTURE AND STRUCTURE	ANGLE TO CA	ALTERATION	MINERALIZATION	REMARKS
	ASH/TUFF GESIC HORIZON	Higher sediment (pellial) content in lower portion of tuff unit.;(GH0.;				EST _1.5% Zn_ 1.2m
24.80 TO 30.00	«SIV» GARNET- RICH INTERMEDI ATE TO MAFIC SEDIMENT AND ASH	Fine grained.; medium grey to pale brown, pink.; Garnet-rich intermediate sediment and ash.;		Sil - garn.;; Bio-garn-staur-py 10 - 50% 1mm.;; Local cordieriete-chlorite at 29.8.;	Pyrite to 2% Dissem and bleb	

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DRILL HOLE RECORD

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HOLE NUMBER: GO-14

ASSAY SHEET

DATE: 20-June-1995

Sample	From (m)	To (m)	Length (m)	ESTIMATES				ASSAYS				SG t/m ³	CSG t/m ³	Netbk \$/t	Cu / Cu+Zn	Slfide %	Re-Py %	COMMENTS
				Cu %	Zn %	Py %	Po %	Cu %	Zn %	Ag g/t	Au g/t							
AVE.	22.10	23.30	1.20	TR	1.5	1	1	.01	1.5									

FROM TO	ROCK TYPE	TEXTURE AND STRUCTURE	ANGLE TO CA	ALTERATION	MINERALIZATION	REMARKS
0.00 TO 3.50	«OB» OVERBURDEN					
3.50 TO 12.90	«FP RHY SIL L/FLOW» FELDSPAR RHYRIC RHYOLITE SILL OR FLOW "FD"	3.6 - 4.1 MD at..... 6.0 - 7.5 MD at..... 11.6 - 12.9 MD at.....	40 45 40			
12.90 TO 31.00	«ALT FP RHY OR TUFF» ALTERED FOLIATED RHY SILL FLOW OR TUFF	Medium grey,; Fine grained.; Foliated, biotite-rich.; Locally feldspar phyrlic altered rhyolite or rhy tuff.; Feldspars locally altered (ghostly) Foliation (biotite) at..... 16.6 - 17.8 MD at..... 19.5 - 19.7 MD at.....	35 40 30	Moderate biotite (bands) alteration up to 25%;	Tr. - 5% dissem and wispy pyrite (along foliation) 27.7 5 - 10cm pyrite quartz vein.;	
31.00 TO 34.10	«ALT ASH HW » ALTERED ASH AND SEDIMENT HANGING WALL	Med. grey,; F.gr.; Weakly foliated,; Massive and bedded ash and sediment.;		Weak to mod. biotite alteration.;		CLR"?
34.10 TO 34.60	«MIN ASH - GH» SPHALERITE MINERALIZED ASH "GESIC HORIZON"	Similar to above.; Disseminated and narrow stringer sphalerite.; Faulted lower contact.;		Locally nod-strong silicification.; Weak-mod biotite alteration.;	3 - 5% py-po-sph-cpy.; 2 - 3% py.; 1 - 2% po.; Tr. sph.; Tr. chl.;	GESIC HORIZON "Min. CLR"?
34.60 TO 48.00	«SIV» TO GARNET-RICH SEDIMENTS AND	Med. to dark grey,; Fine grained.; Massive to bedded.; Porphyroblastic garnet-rich.; Locally ashy (tuffaceous) sediments. ("SIV").; 34.6 - 36.0 FLT		Garnet-rich.; 5 - 40% Locally in bands often clusters.;	37.0 - 37.5 Possible local Zn in Gahnite and	

HOLE NUMBER: GO-15

MINNOVA INC.
DRILL HOLE RECORD

DATE: 26-August-1996

FROM TO	ROCK TYPE	TEXTURE AND STRUCTURE	ANGLE TO CA	ALTERATION	MINERALIZATION	REMARKS
	ASH	Chl-rich seams.; Qtz filled fractures.; 41.7 - 42.0 MD 45.3 - 45.4 QTZ filled FLT fracture.;			honey Sphalerite.; (or could be staurolite.)	

HOLE NUMBER: GO-15

ASSAY SHEET

DATE: 20-June-1995

Sample	From (m)	To (m)	Length (m)	ESTIMATES				ASSAYS				SG t/m ³	CSG t/m ³	Netbk \$/t	Cu / Cu+Zn	Slfide %	Re-Py %	COMMENTS
				Cu %	Zn %	Py %	Po %	Cu %	Zn %	Ag g/t	Au g/t							
AVE.	34.10	34.60	0.50	TR	TR	3	1	.01	.1									

MINNOVA INC.
DRILL HOLE RECORD

HOLE NUMBER: GO-16

DATE: 20-June-1995

FROM TO	ROCK TYPE	TEXTURE AND STRUCTURE	ANGLE TO CA	ALTERATION	MINERALIZATION	REMARKS
0.00 TO 5.10	«OB» OVERBURDEN					
5.10 TO 23.30	«RHY SILL/FLOW» FELSIC DYKE OR RHYOLITE FLOW	Pale to med. grey,, Aph-F.gr.; Banded rhyolite sill. or flow.; 9.4 - 10.7 MD 14.3 - 14.8 MD 19.1 - 19.6 MD 20.3 7cm DB? 22.0 - 23.3 Patchy Alt.;		Patchy mod.-strong sericite alterations	Tr. - 7% dissem and stringer pyrite.;	FD
23.30 TO 27.30	«ALT RHY/FT» ALTERED RHYOLITE TUFF	Strongly altered.; Banded or bedded rhyolite or rhyolite tuff.;		Strong ser-bio-alt.; 10 - 30% sercite.; 5 - 20% biotite.;	3 - 5% bleby Po.-Py.;	HW
27.30 TO 31.50	«MIN FT-GH» SPHALERITE MINERALIZED FELSIC TUFF	F.gr.; Aphanitic, pale and med. grey.; Banded/bedded to laminated felsic to intermediate tuff and ash.; Sphalerite mineralized gestic horizon.;		Mod.-strong Alt.; Bio-Chlor-Sillim.; Local wispy sillimanite.;	Stringer (wispy) network/interstitial and banded sulphides.; Local SMS 29.0 - 30.0 Sph-Po-Py.;	GESTIC HORIZON WU - 12455 wispy Py-Po-Sph.; WU - 12456 stringer Sph-Po-Cpy-Py.; WU - 12457 wispy Po-Py-Sph.;
31.50 TO 35.00	«SIV» GARNET RICH INT-MA SEDIMENTS AND ASH	F.gr.; Med. grey.; Massive to porphyroblastic.; Intermediate to mafic.; Altered sediments and ash.; Local 3 - 7cm bands of 70 - 100% garnets.; 32.0 - 32.4 Silica-flooded FLT zone.;		Strongly altered 20 - 50% biotite.; 10 - 40% Chlorite.; 5 - 50% Garnet.; Possible starurolite - silica vein.;	Tr. - 2% Py.;	

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DRILL HOLE RECORD

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HOLE NUMBER: GO-16

ASSAY SHEET

DATE: 20-June-1995

Sample	From (m)	To (m)	Length (m)	ESTIMATES				ASSAYS				SG t/m ³	CSG t/m ³	Netbk \$/t	Cu / Cu+Zn	Sulfide %	Re-Py %	COMMENTS
				Cu %	Zn %	Py %	Po %	Cu %	Zn %	Ag g/t	Au g/t							
WU-12455	27.30	28.30	1.00	0.2	0.2	3	2	0.12	0.46	0.01	0.02		2.82	5.24	0.21	6.00	2.90	STRINGER MIN CLR-SED HW
WU-12456	28.30	30.00	1.70	0.3	8	5	8	0.15	2.0	0.03	0.02		3.23	15.03	0.07	27.33	9.04	STRINGER-SMS
WU-12457	30.00	31.30	1.30	TR	TR	5	7	0.18	0.69	0.01	0.02		2.93	7.86	0.21	12.00	4.27	STRINGER PO-PY-CPY-SPH
AVE.	28.30	30.00	1.70	0.30	8.00	5.00	8.00	0.15	2.00	0.03	0.02		3.23	15.03	0.07	27.33	9.04	

FROM TO	ROCK TYPE	TEXTURE AND STRUCTURE	ANGLE TO CA	ALTERATION	MINERALIZATION	REMARKS
0.00 TO 3.40	«OB» OVERBURDEN					
3.40 TO 42.90	«VARIABLE ALT RHY» VARIABLE ALTERED RHYOLITE SILL/FLOW	Aphanitic to F.gr.; Pale to med. grey and pink; Fresh to altered (bio-ser) Locally granular (ashy); ; Banded or foliated variable altered rhyolite sill or flow.; Local ghosty feldspar phenocrysts.; 14.3 - 18.5 «MD» 18.,8 - 19.0 MD 19.2 - 21.7 «MD -fsp» Garnet ash/sed xeno at lower contact.; 28.0 - 28.3 FLT, MD, QTZ.; 28.7 - 29.4 MD.; 34.0 - 35.0 MD.; 37.9 - 38.5 FLT at.....	40	0 - 50 micas 0 - 30% Ser.; 0 - 20% Bio.;		
42.90 TO 50.10	«MIN ASH-GH» SPHALERITE MINERALIZED FLESCIC TO INTERMEDIATE ASH	Fine grained.; Med. grey.; Massive to banded Int.-felsic ash.; Dissem, wispy and bleb sphalterite throughout.;		Local intense zones of Chlor-bio-Py-Sph- Po Alt.; Mod. strong ser.-bio-sil Alt. throughout.;	Sphalerite possibly occurs as BWA in local narrow zones of hydrothermal alteration.; (fluid movements) Local Cpy stringers.; 3 - 10% Sulphides overall.; (Po-Py)	GESIC HORIZON Tr. Zn.; estimated up to: __3% Zn__ 0.1m and __1 - 2% Zn__ 0.4m
50.10 TO 60.00	«SIV» GARNET RICH INT.-MA SEDS & ASH	F.gr.; med-dark grey.; Massive to porphyroblastic intermediate to mafic sediments and ash.;		BWA Local intense zones of Alt.; over 10 - 30cm: Chlor 20 - 50% Bio 10 - 40% Garnet 5 - 30%		Good Alt. FW.; Local cordierite.;

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ASSAY SHEET

DATE: 20-June-1995

Sample	From (m)	To (m)	Length (m)	ESTIMATES				ASSAYS				SG t/m ³	CSG t/m ³	Netbk \$/t	Cu / Cu+Zn	Slfide %	Re-Py %	COMMENTS
				Cu %	Zn %	Py %	Po %	Cu %	Zn %	Ag g/t	Au g/t							
AVE.	42.90	50.10	7.20	TR	1	3	2	.01	1.0									

FROM TO	ROCK TYPE	TEXTURE AND STRUCTURE	ANGLE TO CA	ALTERATION	MINERALIZATION	REMARKS
0.00 TO 4.00	«OB» OVERBURDEN					
4.00 TO 26.60	«RHY SILL O R FLOW» "FD"	Aphanitic,; Pink to grey.; Locally banded,; Locally feldspar phyric rhyolite sill. or flow with Mafic Dykes.; 8.1 - 11.1 «MD-fsg» 17.6 - 18.3 MD				
26.60 TO 59.80	«ALT FT/CLR R» ALTERED FELSIC ASH TUFF (CLR)	Fine grained.; Med. grey.; Foliated locally bedded or clotted intermediate to felsic ash (tuff).; Foliated/bedded at..... Local fedlspar phyric (xstal tuff) phases toward lower contact.; 58.1 - 59.8 «MD-fsp»	35	Moderate to strong pervasive alteration Local brickwerk Alt'm (BWA) 10 - 60% Bio.; 0 - 15% Ser.; 0 - 10% Chl.; 0 - 2% Sill. 0 - 10% Andalusite. Pearl grey to pink.; 0 - 15% Garnet.;	Pyrite 2 - 5% diss., bleb (recryst, locally) Py. up to 50% over 10cm in BWA sections.;	Local sillimanite andalusite alteration 34.0 - 35.0m
59.80 TO 65.60	«MIN INT-MA ASH/FLOW-G H»	F.gr.; Med. to dark green.; Intermediate to mafic ash or flow.; Local amyas or varioles or cordierite.; Still quite siliceous.; 63.0 - 65.6 «SPH MIN GH»		Could be intense Chlor-bio altertation;	1 - 2% wispy and discontinuous sphalerite strings assoc. with 2 - 3% Pyrite.;	GESIC HORIZON Estimated up to: <u>2%Zn</u> 0.30m
65.60 TO 72.00	«SIV» GARNET RICH ASH & SEDIMENT	Med. grey F.gr.; Garnetferous ash and sediment footwall.;		Mod-strong bio-garnet-staur alteration up to 40% Bio.; 20% Garnet.; 10% Staur.		

HOLE NUMBER: GO-18

ASSAY SHEET

DATE: 20-June-1995

Sample	From (m)	To (m)	Length (m)	ESTIMATES				ASSAYS				SG t/m ³	CSG t/m ³	Netbk \$/t	Cu / Cu+Zn	Sulfide %	Re-Py %	COMMENTS
				Cu %	Zn %	Py %	Po %	Cu %	Zn %	Ag g/t	Au g/t							
AVE.	63.00	65.60	2.60	TR	2	3	1											

FROM TO	ROCK TYPE	TEXTURE AND STRUCTURE	ANGLE TO CA	ALTERATION	MINERALIZATION	REMARKS
0.00 TO 4.00	«OB» OVERBURDEN					
4.00 TO 38.50	«RHY SILL/F LOW»	Aphanitic to fine grained.; Banded,; Pale to med. grey and pink.; Porphyritic locally altered and clotted rhyolite sill. or flow.; Banding/clotting at..... Locally feldspar porphyritic 18.4 - 20.8 «MD-fsp» 19.8 - 20.1 FLT/Shear at..... 23.2 - 25.6 «MD» 31.1 - 34.9 «MD» 34.0 - 38.0 Blocky, fractured.;	40 70	Patchy Ser-bio alterations.;	Increased pyrite mineralized proximal to MDs up to 10% dissem. and stringer recryst pyrite.;	
38.50 TO 39.90	«MIN ASH-GH» » SPHALERITE MINERALIZED INT-FELS ASH (TUFF)	F.gr.; Med grey granular.; Locally laminated intermediate ash.; Wispy sphalerite locally laminated at.....	45		Tr. - 7% Sulphides total.;	GESIC HORIZON
39.90 TO 51.00	«SIV» GARNET RICH INTERMEDIATE TO MAFIC SEDIMENTS AND ASH	F.gr.; Med. grey.; Granular porphyroblastic int-MA sediments and ash.;		Bwa zones of local intense alteration over 10 - 30cm.; to 90% Micas Bio + Chlor.;	Tr. dissem. wispy pyritic.;	10 - 80% Garnet.;

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ASSAY SHEET

DATE: 20-June-1995

Sample	From (m)	To (m)	Length (m)	ESTIMATES				ASSAYS				SG t/m ³	CSG t/m ³	Netbk \$/t	Cu / Cu+Zn	Sulfide %	Re-Py %	COMMENTS
				Cu %	Zn %	Py %	Po %	Cu %	Zn %	Ag g/t	Au g/t							
AVE.	38.50	39.90	1.40	TR	2	4	3	.01	2.0									

FROM TO	ROCK TYPE	TEXTURE AND STRUCTURE	ANGLE TO CA	ALTERATION	MINERALIZATION	REMARKS
0.00 TO 5.40	«OB» OVERBURDEN					
5.40 TO 32.60	«RHY SILL OR FLOW» "FD"	Aphanitic,; Pink or pale grey and dark green.; Locally banded or foliated.; Locally feldspar phyric rhyolite sill or flow.; 5.4 - 5.6 MD 5.8 - 7.4 MD 11.4 - 11.7 MD at..... 3 - 5cm Shil.; 16.7 - 19.0 DYKES (MDS) at..... Feldspar phyric 19.4 - 20.2 MDS (Ab dykes) 23.4 - 30.5 Feldspar shyric rhyolite (pacite); Ghosty toward 30.5.; Foliated at.....	85 80 75	19.0 - 23.0 Weak to mod. Bio-ser -sy alteration.; Biotite-pyrite-clots to 10%;	Tr. - 3% dissem. and bleb to recrystallized pyrite.;	
32.60 TO 35.90	«RHY TUFF OR SILL HW» FD OR SILICIFIED RHY TUFF	Pale grey,; Aphanitic,; Siliceous with bio-py- garn clots (or flamme).; Felsic ash tuff (pyroclastic). "CLR"?		Local 10 - 20% biotite (pervasive and banded)		
35.90 TO 37.00	«MIN ASH-GH» » SPHALERITE MINERALIZED ASH TUFF	Fine grained.; Medium grey.; Bedded to massive intermediate ash with narrow sphalerite stringers.;		10 - 15% Bio (pervasive) Local minor small (4mm) garnets.;	3 - 4% Py0sph; 3 - 4% Pyrite.; Tr. Sphalerite.; 35.9 - 36.2 2% Sph.;	GESIC HORIZON Tr. Sph.; __up to 1% Zn__ 0.2m
37.00 TO 45.00	«SIV» GARNET RICH INTERMEDI ATE ASH AND SEDIMENTS	Fine gr.; Med. grey.; Garnet rich intermediate massive to prophyroblastic sediments and ash.; "Saturated intermdiate volcanoclastics"				

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ASSAY SHEET

DATE: 20-June-1995

Sample	From (m)	To (m)	Length (m)	ESTIMATES				ASSAYS				SG t/m ³	CSG t/m ³	Netbk \$/t	Cu / Cu+Zn	Sfide %	Re-Py %	COMMENTS
				Cu %	Zn %	Py %	Po %	Cu %	Zn %	Ag g/t	Au g/t							
AVE.	35.90	36.10	0.20	TR	1	3	1	.01	1.0									

FROM TO	ROCK TYPE	TEXTURE AND STRUCTURE	ANGLE TO CA	ALTERATION	MINERALIZATION	REMARKS
0.00 TO 2.40	«OB» OVERBURDEN					
2.40 TO 48.00	«VAR ALT RH Y SILL/FLOW» VARI	Aphanitic to F.gr.; Locally granular (altered) banded rhyolite sill. or flow.; Locally feldspar phyrlic.; Banding at..... 45 Patchy Mica Alt.; 3.6 - 3.9 MD 13.7 - 14.3 MD - fsp 17.3 - 18.4 MD 10.0 - 28.8 Mod strong Alt.; 32. 7 36.3 Mod. strong Alt.; 40.2 - 25cm OV with Py cubes (1cm) 40.5 - 46.2 «MD-FLT» 47.99-48.00 «SHEAR» at..... 30		Mod. strong patchy ser-bio alteration.; Up to 30 - 40% sericite.; Up to 30 - 40% Ser.;	2 - 7% dissem & stringer Py-Po.; 5 - 10% interstitial Po & Py.;	
48.00 TO 52.00	«SHEARED XSTAL TUFF?» CHLORITE RICH INT-FELSIC CRYSTAL TUFF	Fine grained.; Banded to laminated and sheared.; Pale to med. grey and dark grey green Int.-felsic feldspar phyrlic ash tuff.; Grades into CRT/FT (GH)		10 - 60% Chloride bands.;	Tr. - 3% wispy Py.;	
52.00 TO 53.80	«MIN CRT/FT -GH» SPHALERITE MINERALIZED FELSIC TUFF	F.gr. and aphanitic.; Pale to med grey.; Locally banded Int-felsic tuff and cherty beds(?).; Wispy and disseminated sphalerite mineralization.;			5cm band of sphalerite-cpy-py.; (10 - 15%)	GESIC HORIZON TR. Zn. Estimated up to __0.5% Cu-6% Zn__ 5cm

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MINNOVA INC.
DRILL HOLE RECORD

DATE: 26-August-1996

FROM TO	ROCK TYPE	TEXTURE AND STRUCTURE	ANGLE TO CA	ALTERATION	MINERALIZATION	REMARKS
53.80 TO 57.00	«SIV» GARNETIFER- OUS INT-MA SEDIMENTS AND ASH	F.gr.; Med-dark grey-green.; Granular.; Porphyroblastic intermediate -Mafic sediments and ash.; 54.8 - 55.7 10/MD 56.0 57.0 Mafic sed/ash.; dark grey-green.;				

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HOLE NUMBER: GO-21

ASSAY SHEET

DATE: 20-June-1995

Sample	From (m)	To (m)	Length (m)	ESTIMATES				ASSAYS				SG t/m3	CSG t/m3	Netbk \$/t	Cu / Cu+Zn	Sfide %	Re-Py %	COMMENTS
				Cu %	Zn %	Py %	Po %	Cu %	Zn %	Ag g/t	Au g/t							
AVE.	52.00	53.80	1.80	TR	TR	1	1	0.1	0.5									

FROM TO	ROCK TYPE	TEXTURE AND STRUCTURE	ANGLE TO CA	ALTERATION	MINERALIZATION	REMARKS
0.00 TO 4.80	«OB» OVERBURDEN					
4.80 TO 16.00	«RHY SILL/FLOW» LOW RHYOLITE SILL OR FLOW FELSIC DYKE	Aphanitic; Pale med. grey.; Locally feldspar sphyric.; Banded to foliated at..... Rhyolite sill or flow.; 6.1 - 6.3 MD 6.4 - 7.0 MD 9.7 - 12.7 «MD-fsp» Ash xend?	80			FD
16.00 TO 28.60	«ALT RHY OR FT?» ALTERED RHYOLITE (TUFF?)	Similar to above.; Darker.; Sericite-biotite-altered.; Locally feldspar sphyric (ghosty).; Ash or Tuff component? 28.4 -28.6 MD foliated.;				
28.60 TO 31.30	«MIN ASH/FT» SPHALERITE MINERALIZED INTERMED-FELSIC ASH/TUFF	Fine grained.; pale and med. grey.; Granular.; Massive to poorly gedded.; Intermediate to felsic ash (tuff).; Disseminated sphalerite.; 28.7 - 29.3 FLT 30.1 - 30.8 MD		Mod. strong ser-bio-garn.; altered ash.;	Tr. - 5% Py-po-sph.; disseminated to wispy sphalerite.;	GESIC HORIZON TR. ZN
31.30 TO 33.00	«SIV» GARNET RICH INT-MA SEDS & ASH	F.gr.; med grey and pink.; Massive to porphyroblastic Int.-MA sediments and ash.; Clustered to banded garnets 1 - 7mm.;				

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ASSAY SHEET

DATE: 20-June-1995

Sample	From (m)	To (m)	Length (m)	ESTIMATES				ASSAYS				SG t/m ³	CSG t/m ³	Netbk \$/t	Cu / Cu+Zn	Sfide %	Re-Py %	COMMENTS
				Cu %	Zn %	Py %	Po %	Cu %	Zn %	Ag g/t	Au g/t							
AVE.	28.60	31.30	2.70	TR	TR	2	2	.01	0.1									

FROM TO	ROCK TYPE	TEXTURE AND STRUCTURE	ANGLE TO CA	ALTERATION	MINERALIZATION	REMARKS
0.00 TO 4.00	« O/B » OVERBURDEN					
4.00 TO 12.80	«RHY SILL/F LOW» BANDED RHYOLITIC SILL OR FLOW	Aphanitic to F.gr.; Clotted.; Banded.; Pale grey and pink with dark green to black bio-amph clots.; Rhyolite sill. or flow.; Local gr. vein.; Graded, possibly sediment contaminated lower contact.;			0 - 3% wispy & bleb Py.;	Blocky; Rusty fractures.;
12.80 TO 25.20	«ALT ASH» ALTERED FELSIC TO INTERMEDIATE ASH	Fine grained.; Foliated at..... Pale & dark grey.; Locally clotted.; Moderate to strongly altered Pyrite.; Mineralized. felsic to intermediate ash (with minor sed.)	35	Strong ser-sil-bio-chlor alteration 10 - 40% ser.; 10 - 30% Bio or Chlor.; Minor Garnet.; Silica bands flooding local possible pinnitized cordierite.;	5 - 15% wispy and stringer locally recryst, pyrite, lesser pyrrhotite (locally interstitial)	
25.20 TO 26.20	«MIN HW ASH » SPHALERITE MINERALIZED HANGINGWALL ASH	Similar to above with local 1 -- 2cm garnet porphyroblasts.;			5 - 7% Po-Py-Sph-Cpy Interstitial and wispy.;	WU - 12460 EST. at 25.6 --Tr. - 0.5__ 0.6m
26.20 TO 26.50	«SMS TO MS» SEMI-MASSIVE TO MASSIVE SULPHIDES	Fine grained sphalerite and recrystallized pyrite with interstitial F.gr. Po and replacement textures.; Reminant ash 20% frags.; Silica augens to 5cm, 20 - 30% FLT gouge 3 - 5cm at lower contact.;			Semi massive to massive interstitial and stringer (replacement) sulphides.; 25% Sphalerite.; 15% Pyrrhotite.; 7% Pyrite.; 3% Chalcopyrite;	WU - 112461 EST --1.0 - 12.0__ 0.3m
26.50 TO 30.00	«SIV FW» GARNET RICH ASH AND SEDIMENTS	Fine grained.; Porphyroblastic.; Med. to dark grey.; Locally weakly foliated intermediate ash and sediments.;		Up to 60% garnets.; Locally in bands often clustered.;	27.5 - 27.7 5 - 7% wispy pyrrhotite	WU - 12462 26.5 - 26.9 EST. __TR. - 0.5__ 0.4m

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ASSAY SHEET

DATE: 20-June-1995

Sample	From (m)	To (m)	Length (m)	ESTIMATES				ASSAYS				SG t/m3	CSG t/m3	Netbk \$/t	Cu / Cu+Zn	Sfide %	Re-Py %	COMMENTS
				Cu %	Zn %	Py %	Po %	Cu %	Zn %	Ag g/t	Au g/t							
WU-12460	25.60	26.20	0.60	TR	0.2	3	4	0.1	0.61	0.01	0.02		2.84	5.71	0.14	7.33	2.56	WISPY - MIN ALT ASH HW SMS-MS WITH QUARTZ
WU-12461	26.20	26.50	0.30	1.0	12	5	5	0.32	4.18	0.09	0.02		3.33	31.55	0.07	33.33	12.65	
WU-12462	26.50	26.90	0.40	TR	0.5	3	4	0.34	1.39	0.03	0.02		2.83	15.36	0.20	7.83	1.88	MIN ALT ASH FW
AVE.	26.20	26.90	0.70	0.43	5.43	3.86	4.43	0.33	2.59	0.06	0.02		3.05	22.29	0.11	18.77	6.22	

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FROM TO	ROCK TYPE	TEXTURE AND STRUCTURE	ANGLE TO CA	ALTERATION	MINERALIZATION	REMARKS
0.00 TO 5.00	«O/B» OVERBURDEN					
5.00 TO 8.60	«RHY SILL/FLOW» RHYOLITE SILL OR FLOW BANDED	Aphanitic to clotted.; Pale grey.; Siliceous bio/amph clotted banded to foliated felsic sill or flow.; Graded lower contact with Alt ash-sediment.;			3 - 7% Disseminated blebs/cubes of recrystallized pyrite.;	Blocky
8.60 TO 10.50	«ALT ASH-SED» ALTERED INTERMEDIATE TO FELSIC ASH AND SEDIMENT	Fine grained.; Med. grey foliated.; biotite-silica-garnet altered.; (porphyroblastic), intermediate ash and sediments. Foliation at.....	85		5 - 7% 1-3mm pyrite blebs and cubes (dissem)	HW
10.50 TO 11.50	«SMS -GH» SEMI-MASSIVE SULPHIDES IN ASH GESIC HORIZON	Stringer to semi-massive.; Fine grained to M.Gr. recrystallized (pyrite) sulphides including sphalerite, pyrite, chalcopyrite and pyrrhotite.; Stringer.; Banded, wispy and interstitial Cpy with Py stringer.; (replacement?)				GESIC HORIZON "ZONE" WU - 12458 EST at 10.5 ___0.5 - 16.0___ 0.6m WU - 12459 EST at 11.1 ___0.1 - 2.0___ 0.4m
11.50 TO 13.50	«ALT ASH FW» ALTERED INTERMEDIATE TO MAFIC ASH	Fine grained,; Dark grey-green.; Weakly foliated to massive interm to mafic ash (and sediment?)		Weak to mod. pervasive chlor-bio alteration.;		

HOLE NUMBER: GO-24

MINNOVA INC.
DRILL HOLE RECORD

DATE: 20-June-1995

FROM TO	ROCK TYPE	TEXTURE AND STRUCTURE	ANGLE TO CA	ALTERATION	MINERALIZATION	REMARKS
13.50 TO 51.00	«SIV» GARNET RICH SEDIMENT AND ASH	<p>Fine grained and porphyroblastic,; Med to dark grey (green) intermediate to mafic garnet-rich ash and sediment.;</p> <p>Pale pink garnets to 50% 0.5 - 3mm.;</p> <p>Locally clustered.;</p> <p>locally banded.;</p> <p>{29.0 - 36.5} «FLT ZONE» Blocky, fractured, quartz stringers, FLT gouges, missing core.;</p> <p>Shear fractures and Qtz. filled fractures persist to 44.3 less BWA noted to 44.3</p> <p>Increased BWA 44.3 - EOH.;</p>		<p>BWA Brickwork alteration.;</p> <p>Periodic 10 - 30cm zones of strong to intense zones of</p> <p>Cordierite: 10 - 30%</p> <p>Biotite: 20 - 50%</p> <p>Chlorite: 10 - 30%</p> <p>Garnet: 10 - 20%</p> <p>Local staurolite.;</p>	<p>Minor trace wispy to stringer pyrite at some shear fractures.;</p>	<p>33.5 30cm lost core.;</p> <p>34.0 50cm lost core.;</p>

HOLE NUMBER: GO-24

DRILL HOLE RECORD

LOGGED BY: M. BLISS

PAGE: 3

HOLE NUMBER: GO-24

ASSAY SHEET

DATE: 20-June-1995

Sample	From (m)	To (m)	Length (m)	ESTIMATES				ASSAYS				SG t/m ³	CSG t/m ³	Netbk \$/t	Cu / Cu+Zn	Sulfide %	Re-Py %	COMMENTS
				Cu %	Zn %	Py %	Po %	Cu %	Zn %	Ag g/t	Au g/t							
WU-12458	10.50	11.10	0.60	0.5	16	10	3	0.32	18.55	0.08	0.02		3.29	117.08	0.02	41.33	7.19	SMS - BANDED AND STRINGER WISPY-DISSEM, MIN ASH
WU-12459	11.10	11.50	0.40	0.2	2	3	2	0.23	4.37	0.03	0.02		2.82	30.80	0.05	9.00	0.57	
AVE.	10.50	11.50	1.00	0.38	10.40	7.20	2.60	0.28	12.88	0.06	0.02		3.10	82.50	0.02	28.40	4.40	

FROM TO	ROCK TYPE	TEXTURE AND STRUCTURE	ANGLE TO CA	ALTERATION	MINERALIZATION	REMARKS
0.00 TO 4.30	«O/B» OVERBURDEN					
4.30 TO 8.50	«RHY SILL/FLOW» BANDED RHYOLITE SILL OR FLOW FELDSPAR PORPHYRITIC	Med. grey and pink aphanitic with feldspar phenocrysts, banded clotted rhyolite sill or flow.; Banded at.....	45		Tr. - 3% dissem. bleb/Py.;	Somewhat Blocky (less that near shaft)
8.50 TO 14.80	«ALT ASH HW» ALTERED INTERMED. TO FELSIC ASH HANGINGWALL	9.1 - 9.3 MD QV at..... 9.5 - 10.4 MD foliated chills at..... 13.7 15cm QV, recryst Py-Po vuggy.;	60 50	Strongly altered ash.; 20 - 40% Sericite.; 10 - 30% Biotite.; 10 - 30% Chlorite.; Minor small 1mm garnets locally.;	Tr. - 3% wispy and bleby Po-Py.;	
14.80 TO 18.30	«MIN GH» SPHALERITE MINERALIZED GESIC ZONE (HORIZON) MIN ASH	Fine grained.; Wispy to stringer.; Pink brown and red brown phrrhotite and sphalerite in mafic to intermediate ash (tuff).; Local garnet bands.;		Mod. to strong BWA Brickwork alteration bio-garn-chlor-silica		ESTIMATES: 14.8 - 15.8 _Tr. - 3.0_ 1.0m 15.8 - 17.0 _Tr. - 7.0_ 1.2m 17.0 - 18.,3 _Tr. - 0.5_ 1.3m
18.30 TO 21.00	«ALT ASH FW» CHLORITIC ASH AND SEDIMENT	Fine grained.; Med. to dark green-grey.; Chloritic ash and sediment.; Minor Local garnets.;			Several 5 - 15cm zone of 5 - 7% wispy to stringer pyrrhotite and Tr. chalcopyrite.;	

HOLE NUMBER: GO-25

ASSAY SHEET

DATE: 20-June-1995

Sample	From (m)	To (m)	Length (m)	ESTIMATES				ASSAYS				SG t/m ³	CSG t/m ³	Netbk \$/t	Cu / Cu+Zn	Slfide %	Re-Py %	COMMENTS
				Cu %	Zn %	Py %	Po %	Cu %	Zn %	Ag g/t	Au g/t							
WU-12463	14.80	15.80	1.00	TR	3	2	3	0.15	1.39	0.02	0.02	2.88	11.40	0.10	10.00	2.87	MIN ASH HW	
WU-12464	15.80	17.00	1.20	TR	7	2	3	0.18	1.29	0.03	0.02	3.02	11.43	0.12	16.67	5.57	STRINGER-WISPY - GH	
WU-12465	17.00	18.30	1.30	TR	0.5	3	5	0.13	0.38	0.01	0.02	2.87	4.97	0.25	8.83	2.91	MIN ASH FW	
AVE.	14.80	17.00	2.20		5.18	2.00	3.00	0.17	1.34	0.03	0.02	2.96	11.52	0.11	13.63	4.33		

HOLE NUMBER: GO-25

ASSAY SHEET

PAGE: 1

FROM TO	ROCK TYPE	TEXTURE AND STRUCTURE	ANGLE TO CA	ALTERATION	MINERALIZATION	REMARKS
0.00 TO 3.50	«O/B» OVERBURDEN					
3.50 TO 19.70	«RHY SILL/F LOW»	Aphanitic to F.gr.; Pale to med. grey and pink.; Banded, locally porphumtic rhyolite sill or flow.; 6.4 - 6.7 MD		patchy mod. ser-bio-Alt.;	Tr. -3% Dissem & wishp recryst. pyrite.;	FD GOOD GROUND
19.70 TO 24.80	«ALT RHY (TUFF?)» ALTERED RHYOLITE ASH/TUFF SILL?	F.gr.; Med. grey laminated/banded, Locally clotted intermediate to felsic rhyolite ash/tuff and flow/sill? 19.7 - 20.0 Laminated Tuff at..... 23.3 -24.8 Sheared and intensely altered ash?	35	Mod. to strong alteration serpbio-sil-py local chlor.; Up to 60% micas.; Intense chlor-bio-carn pyrite alteration.;	Tr. 5% pyrite wispy & stringer.;	FD ASH
24.80 TO 28.00	«MIN ASH-GH» SPHALERITE MINERALIZED INT-FELS ASH	F.gr.; Med. grey granuar massive to banded/bedded intermediate (to felsic) mineralized ash; Locally laminated at.....	35	Local intense bio-chlor-cord alteration.;	5 - 10% total suphides py-po-sph-cpy Local Tr. wispy shpalerite and chalcopyrite.;	GESIC HORIZON ESTIMATED UP TO: _0.5 %Cu - 2.0% Zn_ 0.2m
28.00 TO 33.00	«SIV» GARNET RICH INTERM MA SEDIMENTS AND ASH	F.gr.; Med. grey, granular porphyroblastic Int.-MA sediments and ash.; Garnets often clustered locally in bands to 7cm wide.; 29.8 - 30.4 FLT - MD 33.0m EOH		Local intense zones (5 - 15cm) of chlor-bio-barn alteration.;	Tr. - 2% Dissem. pyrite.;	

HOLE NUMBER: GO-27

ASSAY SHEET

DATE: 20-June-1995

Sample	From (m)	To (m)	Length (m)	ESTIMATES				ASSAYS				SG t/m ³	CSG t/m ³	Netbk \$/t	Cu / Cu+Zn	Slfide %	Re-Py %	COMMENTS
				Cu %	Zn %	Py %	Po %	Cu %	Zn %	Ag g/t	Au g/t							
AVE.	26.00	26.20	0.20	0.5	2.0	3	5	0.5	2.0								WISPY SULPHIDES	

FROM TO	ROCK TYPE	TEXTURE AND STRUCTURE	ANGLE TO CA	ALTERATION	MINERALIZATION	REMARKS
0.00 TO 5.00	«OB» OVERBURDEN					
5.00 TO 10.40	«RHY SIL/FL OW» BANDED RHYOLTIE SILL OR FLOW	Aphanitic and clotted banded pale grey and pink rhyolite sill or flow.; Feldspar phytic.; Graded contact with underlying ash/CLR.;			Tr. - 5% bleby dissem. locally recryst. pyrite.;	BLOCKY RUSTY FRACTURES.
10.40 TO 11.80	«ALT ASH HW» ALTERED PYRITE MINZD ASH/CLR	F.gr.; Med grey.; foliated, altered.; Locally clotted ash (CLR).; Foliated.....	85	Strong to zone (BWA) of intense cord-bio-chlor-sericite Alt.;; 0 - 20% Cord.; 0 - 30% Bio.; 0 - 30% chlor 0 - 30% Ser.;; Minor local garnet.;	Tr. - 5% bleby & dissem Po-Py.;	
11.80 TO 14.40	«MIN-SMS GH» SPHALERITE MINERALIZED TO SEMI MASSIVE SULPHIDES IN GESIC HORIZON (ZONE)	Fine grained.; Wispy to stringer, Locally ointerstitial pyrrhotite and sphalerite with minor stringer pyrite and chalcopyrite mineralization in banded, intermciate to mafic ash (tuff).;		Moderate bio-chlor+cord. alteration.;		ESTIMATES.: 11.8 - 12.7 __tr. - 0.5__ 0.9m __12.7 - 13.1__ 0.6m 13.1 - 13.85 __0.5 - 8.0__ 0.75m 13.85 - 14.4 __tr. - 1.0__ 0.55m
14.40 TO 16.50	«FLT ZONE» FAULT ZONE	Dark green to black chloritic Qtz filled fractured Flt./shear zone.;		Chlorite-rich.;		FW- LOCAL GOUGE.;

MINNOVA INC.
DRILL HOLE RECORD

HOLE NUMBER: GO-28

DATE: 20-June-1995

FROM TO	ROCK TYPE	TEXTURE AND STRUCTURE	ANGLE TO CA	ALTERATION	MINERALIZATION	REMARKS
16.50 TO 21.00	«SIV» GARNET RICH ASH & SEDIMENT	F.gr.; Med grey and pink;; garnet porphyroblastic intermediate ash and sediment.;			3 - 7% Dissem. interstitial po-py int bands (10 - 30cm) 1-3m apart.;	

HOLE NUMBER: GO-28

ASSAY SHEET

DATE: 20-June-1995

Sample	From (m)	To (m)	Length (m)	ESTIMATES				ASSAYS				SG t/m3	CSG t/m3	Netbk \$/t	Cu / Cu+Zn	Slfide %	Re-Py %	COMMENTS
				Cu %	Zn %	Py %	Po %	Cu %	Zn %	Ag g/t	Au g/t							
WU-12466	11.80	12.70	0.90	TR	0.5	2	5	0.19	0.08	0.02	0.02		2.85	4.43	0.70	7.83	2.02	WISPY PO-PY-SPH, MIN HW
WU-12467	12.70	13.10	0.40	0.1	3	3	5	0.1	0.69	0.02	0.02		2.96	6.19	0.13	13.33	4.44	WISPY-STRINGER - GH
WU-12468	13.10	13.85	0.75	0.5	8.0	3	2	0.17	6.67	0.04	0.02		3.02	43.24	0.02	20.00	4.99	SMS - GH
WU-12469	13.85	14.40	0.55	TR	1	3	7	0.21	1.4	0.03	0.02		2.91	12.71	0.13	11.67	2.59	WISPY - MIN ASH FW
AVE.	13.10	14.40	1.30	0.29	5.04	3.00	4.12	0.19	4.44	0.04	0.02		2.97	30.39	0.04	16.49	3.56	

HOLE NUMBER: GO-28

ASSAY SHEET

PAGE: 1

Report of Work Conducted After Recording Claim
Mining Act

Transaction Number
W9640-513
ERAS

Personal information collected on this form is obtained under the authority of the Mining Act. This information will be used for correspondence. Questions about this collection should be directed to the Provincial Manager, Mining Lands, Ministry of Northern Development and Mines, Fourth Floor, 159 Cedar Street, Sudbury, Ontario, P3E 6A5, telephone (705) 670-7264.

- Instructions:**
- Please type or print and submit in duplicate
 - Refer to the Mining Act and Regulations Recorder.
 - A separate copy of this form must be completed
 - Technical reports and maps must accompany this form.
 - A sketch, showing the claims the work is assigned to, must accompany this form.



ning

900

Recorded Holder(s) INMET MINING CORP.	Client No. 169899
Address Suite 3400, Actna Tower, PO Box 19, Toronto Dominion Centre, Toronto ONT, M5H-1A1	Telephone No. 416-361-6400
Mining Division Thunder Bay	Township/Arba PAYS PLAT LAKE
Dates Work Performed From: OCT. 15, 1994	To: OCT. 25, 1995
	M or G Plan No. G-606

Work Performed (Check One Work Group Only)

Work Group	Type
Geotechnical Survey	(W20) (PDRILL)
Physical Work, Including Drilling <input checked="" type="checkbox"/>	DIAMOND DRILLING : 18 holes : # 60-10 to 25, 27, 28
Rehabilitation	Total 779 meters
Other Authorized Work	779
Assays	
Assignment from Reserve	75,710

Total Assessment Work Claimed on the Attached Statement of Costs \$ **75,705.91**

Note: The Minister may reject for assessment work credit all or part of the assessment work submitted if the recorded holder cannot verify expenditures claimed in the statement of costs within 30 days of a request for verification.

Persons and Survey Company Who Performed the Work (Give Name and Address of Author of Report)

Name	Address
Chibougamau DIAMOND DRILLING LTD.	CHIBOUGAMAU DIAMOND DRILLING LTD.
	CP. 309
	White River, ONT,
	POTM-360 Tel # 807-822-2331

(attach a schedule if necessary)

Certification of Beneficial Interest * See Note No. 1 on reverse side

I certify that at the time the work was performed, the claims covered in this work report were recorded in the current holder's name or held under a beneficial interest by the current recorded holder.	Date Sept. 21/96	Recorded Holder or Agent (Signature) Gerard Doiron
--	----------------------------	--

Certification of Work Report

I certify that I have a personal knowledge of the facts set forth in this Work report, having performed the work or witnessed same during and/or after its completion and annexed report is true.		
Name and Address of Person Certifying GERARD DOIRON, P.O. BAG 2, WINSTON LAKE DIV. SCHREIBER, ON, POT 250		
Telephone No. 807-824-3368	Date Sept. 2/96	Certified By (Signature) Gerard Doiron

For Office Use Only

Total Value Cr. Recorded \$ 75,710	Date Recorded OCTOBER 11, 1996	Mining Recorder M. A. Weir	Received Stamp Thunder Bay Mining Division SEP 11 1996 RECEIVED
	Deemed Approval Date	Date Approved DECEMBER 10, 1996	
	Date Notice for Amendments Sent		



**Statement of Costs
for Assessment Credit**

Transaction No./N° de transaction

**État des coûts aux fins
du crédit d'évaluation**

Mining Act/Loi sur les mines

Personal information collected on this form is obtained under the authority of the **Mining Act**. This information will be used to maintain a record and ongoing status of the mining claim(s). Questions about this collection should be directed to the Provincial Manager, Minings Lands, Ministry of Northern Development and Mines, 4th Floor, 159 Cedar Street, Sudbury, Ontario P3E 6A5, telephone (705) 670-7264.

Les renseignements personnels contenus dans la présente formule sont recueillis en vertu de la **Loi sur les mines** et serviront à tenir à jour un registre des concessions minières. Adresser toute question sur la collecte de ces renseignements au chef provincial des terrains miniers, ministère du Développement du Nord et des Mines, 159, rue Cedar, 4^e étage, Sudbury (Ontario) P3E 6A5, téléphone (705) 670-7264.

1. Direct Costs/Coûts directs

Type	Description	Amount Montant	Totals Total global
Wages Salaires	Labour Main-d'oeuvre		
	Field Supervision Supervision sur le terrain		3,900.00
Contractor's and Consultant's Fees Droits de l'entrepreneur et de l'expert- conseil	Type Diamond Drilling	71,288.65	
	Analysis	521.26	
			71,809.91
Supplies Used Fournitures utilisées	Type		
			-
Equipment Rental Location de matériel	Type		
			-
Total Direct Costs Total des coûts directs			75,709.91

2. Indirect Costs/Coûts indirects

**** Note:** When claiming Rehabilitation work Indirect costs are not allowable as assessment work.
Pour le remboursement des travaux de réhabilitation, les coûts indirects ne sont pas admissibles en tant que travaux d'évaluation.

Type	Description	Amount Montant	Totals Total global
Transportation Transport	Type		
			-
Food and Lodging Nourriture et hébergement			-
Mobilization and Demobilization Mobilisation et démobilisation			-
Sub Total of Indirect Costs Total partiel des coûts indirects			-
Amount Allowable (not greater than 20% of Direct Costs) Montant admissible (n'excédant pas 20 % des coûts directs)			-
Total Value of Assessment Credit (Total of Direct and Allowable indirect costs)		Valeur totale du crédit d'évaluation (Total des coûts directs et indirects admissibles)	75,709.91

Note: The recorded holder will be required to verify expenditures claimed in this statement of costs within 30 days of a request for verification. If verification is not made, the Minister may reject for assessment work all or part of the assessment work submitted.

Note : Le titulaire enregistré sera tenu de vérifier les dépenses demandées dans le présent état des coûts dans les 30 jours suivant une demande à cet effet. Si la vérification n'est pas effectuée, le ministre peut rejeter tout ou une partie des travaux d'évaluation présentés.

Filing Discounts

1. Work filed within two years of completion is claimed at 100% of the above Total Value of Assessment Credit.
2. Work filed three, four or five years after completion is claimed at 50% of the above Total Value of Assessment Credit. See calculations below:

Total Value of Assessment Credit	Total Assessment Claimed
	× 0.50 =

Remises pour dépôt

1. Les travaux déposés dans les deux ans suivant leur achèvement sont remboursés à 100 % de la valeur totale susmentionnée du crédit d'évaluation.
2. Les travaux déposés trois, quatre ou cinq ans après leur achèvement sont remboursés à 50 % de la valeur totale du crédit d'évaluation susmentionné. Voir les calculs ci-dessous.

Valeur totale du crédit d'évaluation	Évaluation totale demandée
	× 0,50 =

Certification Verifying Statement of Costs

I hereby certify:
that the amounts shown are as accurate as possible and these costs were incurred while conducting assessment work on the lands shown on the accompanying Report of Work form.

that as Mine Geologist I am authorized
(Recorded Holder, Agent, Position in Company)

to make this certification

Attestation de l'état des coûts

J'atteste par la présente :
que les montants indiqués sont le plus exact possible et que ces dépenses ont été engagées pour effectuer les travaux d'évaluation sur les terrains indiqués dans la formule de rapport de travail ci-joint.

Et qu'à titre de _____ je suis autorisé
(titulaire enregistré, représentant, poste occupé dans la compagnie)

à faire cette attestation.

Signature <u>Gerard Dano</u>	Date <u>Sept. 2/96</u>
---------------------------------	---------------------------

REFERENCES.

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.

LEGEND

HIGHWAY AND PROPS
 OTHER ROADS
 TRAILS
 SURVEYED LINES
 TOWNSHIP BOUNDARIES ETC.
 LOTS, MINING CLAIMS, PARCELS ETC.
 UNSURVEYED LINES
 LOT LINES
 MINING CLAIMS ET
 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	◕
RESERVATION	◖
CANCELLED	◗
SAND & GRAVEL	◘
LAND USE PERMITS FOR COMMERCIAL TOURISM/OUTPOST CAMPS	◙

NOTE: MINING RIGHTS IN PARCELS PATENTED PRIOR TO MAY 6 1913, VESTED IN ORIGINAL PATENTEE BY THE PUBLIC LANDS ACT, R.S.O. 1910, CHAP. 280, SEC. 43, SUBSEC. 1.

SCALE: 1 INCH = 40 CHAINS

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

AREA
PAYS PLAT LAKE
 M.N.R. ADMINISTRATIVE DISTRICT
TERRACE BAY
 MINING DIVISION
THUNDER BAY
 LAND TITLES / REGISTRY DIVISION
THUNDER BAY

 Ministry of Natural Resources
 Land Management Branch

Ontario
 APRIL 14, 1987
 Date FEB. 15 / 1982 Number **G-606**

