

CDS?

VICTORY
823447

DRILL HOLE RECORD

| | | | | | | | | | |
|---|-----------------------------|----------------------------------|--------------------|--|--------------|--------------------|-----|------|----------|
| PROJECT NAME : VICTORY | | DATE STARTED (M/D/Y): DEC 18/88 | | DIRECTIONAL DATA: A = Acid Test M = Multishot L = Light Log T = Tropari | | | | | |
| HOLE NUMBER : V-88-1 | | DATE COMPLETED(M/D/Y): DEC 23/88 | | DEPTH (m) | TYPE A/L/M/T | ASTRONOMIC AZIMUTH | DIP | FLAG | COMMENTS |
| LOCATION : VICTORY. GRID | | DATE LOGGED (M/D/Y): JAN 05/89. | | | | | | | |
| PROJECT NUMBER : 241 | | UNITS (F/M) : M | | | | | | | |
| CLAIM NUMBER : VICTORY 1 | | | | | | | | | |
| PLOTTING COORDS wrong! ↘ | GRID : VICTORY 88 | ALTERNATE COORDS ? | GRID : VICTORY 89. | | | | | | |
| | NORTH : 123+02 N | | NORTH : 2+90 + N | | | | | | |
| | EAST : 18+89 W | | EAST : 0+00 + W | | | | | | |
| | ELEV : 1174 m | | ELEV : 1174 m | | | | | | |
| COLLAR BRNG | GRID : 220 ° ' " | COLLAR SURVEY (Y/N) : N | | | | | | | |
| | ASTRONOMIC : 180 ° ' " | RQD LOG (Y/N) : N | | | | | | | |
| | COLLAR DIP : -50 ° ' " | PULSE EM SURVEY(Y/N): N | | | | | | | |
| CONTRACTOR : P. WHITNEY. | | LOGGED BY : JIM OLIVER. | | | | | | | |
| CORE STORAGE : JOHNSON CAMP | | START DEPTH: 17m | | | | | | | |
| CASING : Y | | FINAL DEPTH: 195m | | | | | | | |
| PLUGGED (Y/N) : N | | | | | | | | | |
| HOLE SIZE : NQ | | | | | | | | | |
| PURPOSE/COMMENTS : | | | | | | | | | |
| FIRST OF A SERIES OF STRATIGRAPHIC HOLES. | | | | | | | | | |
| THIS IS A SUMMARY OF ORIGINAL LOG BY JIM OLIVER | | | | | | | | | |

| FROM TO | ROCK TYPE | COLOUR | GRAIN SIZE | TEXTURE AND STRUCTURE | ANGLE TO CORE AXIS | ALTERATION | SULPHIDES | REMARKS |
|----------------------|--|---------------|------------|---|-------------------------|---|--------------|-----------------------------|
| 0.0m TO 17m | <OB> OVER BURDEN | | | | | | | |
| 17.0m TO 94.9 | <MPYRO> MAFIC PYROCLASTICS | GREEN | F.G | POSSIBLE TUFFACEOUS LITHOLOGY, STREAKED HEMATITIC SURFACES. +53.9 - 63.25+ <MLT> MAFIC LAPILLI TUFF. +63.25 - 81.7+ <HEM. MPYRO.> | 70° FOL ⁿ | WEAKLY OXIDIZED MODERATELY CARB- ONITIZED. DOMINANT CARBONATE VEINLETS (20%), +81.7 - 94.9+ <SER MPYRO> | TRACE PYRITE | 17.0 - 18.8 BROKEN CORE. |
| 94.9 TO 111.2m | <CHT + MPYRO> CHERTS WITH LESSER MAFIC PYROCLASTICS | GREY BLACK | F.G | LOCALLY RIBBON BANDS (2.0cm) WITH GRAPHITIC PARTING. LESSER VOLCANICS. JIM NOTES POSSIBLE TECTONIC BRECCIA WITHIN THIS INTERVAL. | 81° FOL ⁿ | MODERATE SERICITE IN MAFIC SEQUENCES +98.4 - 103.0+ <SER. MPYRO> STRONG SERICITE. | Py < 1.0% | |

| FROM TO | ROCK TYPE | COLOUR | GRAIN SIZE | TEXTURE AND STRUCTURE | ANGLE TO CORE AXIS | ALTERATION | SULPHIDES | REMARKS |
|-----------------------|---|-------------|------------|--|--|--------------------------|--------------------------|-----------------------|
| 111.2 TO 122.6 m | CHERTS (CHT) | LIGHT CREAM | F.G | HOMOGENOUS PALE CREAM CHERT AND LESSER QUARTZ RICH WACKES. STRONG FOLDING WITH INTERLIMB ANGLES 10-20cm. | FOLN 80° 120.6 m BEDDING 05° TO GA. | NONE | Py < 0.5% | |
| 122.6 TO 145.2 m | MIXED ARGILLITES, CHERTS, AND WACKES, (CHT + ARG + WCKE) | BLACK | | MIXED CLASTIC AND CHEMICAL SEDIMENTS. TURBIDITIC SEQUENCES. | | NONE | Py 0.5-1.0% F.G DISS. | +122.6 - 124.6 (FLT.) |
| 145.2 TO 195.0 E.O.H. | (ARG + WCKE) ARGILLITES AND WACKE. | BLACK | | INTERBEDDED ARGILLITE AND WACKES | | +180.7 - 182.8 (WK SER.) | Py < 0.5% | +174.2 - 177.4 (FLT.) |

ASSAY SHEET

| Sample Number | From () | To () | Estimate | | Length () | % Cu | % Zn | % Pb | gm. T Ag | gm. T Au | % SiO ₂ | % TiO ₂ | % Na ₂ O | % MgO | % Fe | PPM Cu | PPM Zn | PPM Pb | PPM Ag | PPB Au | | | |
|---------------|----------|--------|----------|----|------------|------|------|------|----------|----------|--------------------|--------------------|---------------------|-------|------|--------|--------|--------|--------|--------|--|--|--|
| | | | Cu | Zn | | | | | | | | | | | | | | | | | | | |
| 7 | 103.0 | 104.0 | | | 1.0m | | | | | | | | | | | 39 | 119.0 | 8.0 | 0.5 | 3.0 | | | |
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HOLE NUMBER: V-2

MINNOVA INC.
DRILL HOLE RECORD

IMPERIAL UNITS:

METRIC UNITS: X

PROJECT NAME: VICTORY
PROJECT NUMBER: 241
CLAIM NUMBER: VICTORY 1
LOCATION: VICTORY GRID

PLOTTING COORDS GRID: VICTORY 88
NORTH: 1889.00N
EAST: 12302.00W
ELEV: 1174.00

ALTERNATE COORDS GRID: VICTORY 89
NORTH: 4+45N
EAST: 0+ 0E
ELEV: 1174.00

COLLAR DIP: -50° 0' 0"
LENGTH OF THE HOLE: 119.50m
START DEPTH: 33.80m
FINAL DEPTH: 153.30m

COLLAR GRID AZIMUTH: 220° 0' 0"

COLLAR ASTRONOMIC AZIMUTH: 180° 0' 0"

DATE STARTED: May 16, 1989
DATE COMPLETED: May 24, 1989
DATE LOGGED: June 2, 1989

COLLAR SURVEY: NO
MULTISHOT SURVEY: NO
RQD LOG: NO

PULSE EM SURVEY: NO
PLUGGED: NO
HOLE SIZE: NQ

CONTRACTOR: ATLAS
CASING: L.I.H
CORE STORAGE: JOHNSON LAKE

PURPOSE: Stratigraphic fence of holes.

DIRECTIONAL DATA:

| Depth (m) | Astronomic Azimuth | Dip degrees | Type of Test | FLAG | Comments | Depth (m) | Astronomic Azimuth | Dip degrees | Type of Test | FLAG | Comments |
|-----------|--------------------|-------------|--------------|------|----------|-----------|--------------------|-------------|--------------|------|----------|
| 62.80 | - | -51° 0' | ACID | OK | | - | - | - | - | - | |
| 139.00 | - | -51° 0' | ACID | OK | | - | - | - | - | - | |
| - | - | - | - | - | | - | - | - | - | - | |
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| FROM TO | ROCK TYPE | TEXTURE AND STRUCTURE | ANGLE TO CA | ALTERATION | MINERALIZATION | REMARKS |
|------------------|--------------------------------------|---|-------------|--|---|----------------------------|
| 0.00 TO 33.80 | «CASING» | | | | | |
| 33.80 TO 38.60 | «ARG» ARGILLITE | Black. fg. Well laminated graphitic argillite. Minor 4-10mm bands of grey chert. 37.4-38.0 -qtz. vein. FOLIATION | 80 | | Trace pyrite. | Broken core. |
| 38.60 TO 42.20 | CHERT «CHT» | Pale grey/green. fg. Laminated with minor intervals of graphitic partings. Brecciated intervals. FOLIATION | 90 | | Trace pyrite. | |
| 42.20 TO 44.70 | CHERT + ARGILLITE «CHT + ARG» | Black. fg. Interbedded cherts and graphitic argillite 20% qtz. veins. FOLIATION | 80 | | | |
| 44.70 TO 49.60 | MAFIC LAPPILLI TUFF «MPYRO» | Lt. green. mg. A moderately competent mafic unit. Small lappilli sized clasts (5mm-2cm) in a green chloritic matrix. | | Strong (20-30%) carbonitization (calcite). | | 44.5-46.0 «FLT» |
| 49.60 TO 69.20 | ARGILLITE + WACKE «ARG + WAKE» | Black. fg.-mg. Well laminated argillites with minor wacke sequences. 45.2-59.9 «SED BX» | | Strong pervasive carbonates in matrix. (calcite). | Trace pyrite. | |
| 69.20 TO 95.40 | MAFIC LAPILLI TUFF «MPYRO» | Lt. green. mg. Same as previously described 10% qcv. FOLIATION | 90 | Strong (30-40%) carbonitization. | | |
| 95.40 TO 105.40 | «ARG» ARGILLITE | Black. fg. Graphitic argillite with lesser chert bands (2-8mm). FOLIATION | 90 | Carbonitization of matrix. | | |
| 105.40 TO 153.30 | «MPYRO» | Green. Dominated by flows and tuffs this sequence is weakly amygdaloidal and strongly carbonitized. (20-30% qtz. carb. stringers and veins sub parallel to foliation) minor epidote. FOLIATION | 80 | Strong (20%) carbonitization with minor (5%) sericite intervals. | Trace pyrite in crosscutting stringers. | |

| FROM TO | ROCK TYPE | TEXTURE AND STRUCTURE | ANGLE TO CA | ALTERATION | MINERALIZATION | REMARKS |
|----------------|---------------------------------------|---|-------------|---|----------------|--|
| 0.00 TO 6.70 | «CASING» | | | | | |
| 6.70 TO 8.30 | LIME STONE «LST» | Grey. mg. Banded limestone, sucrosic texture strongly deformed bedding. FOLIATION | 75 | Recrystallized. | | |
| 8.30 TO 21.60 | MAFIC TUFFS AND FLOWS «MT+MFL» | Green. fg. to mg. Interbedded mafic flows and tuffs. Well laminated with minor chloritic lapilli. Fairly competent. | | Strongly carbonitized. | | Probable co-sequential deposition of carbonates and mafic volcanics. |
| 21.60 TO 44.40 | LIME STONE «LST» | Grey. mg. Dark grey laminated to massive carbonate. Variably silicified by crosscutting qtz.-carbonate stringers. FOLIATION | 70 | 25% qtz.-carb. stringers and veins. | | |
| 44.40 TO 45.10 | MAFIC DYKE «MDYKE» | Green. mg. Massive and competent with sericite whisps (slightly porphyritic). | | | | Note resemblance to babbro seen elsewhere. |
| 45.10 TO 56.00 | MAFIC TUFFS AND LIME-STONE «MT + LST» | Green and grey. mg. to fg. Interbedded mafic tuffs and sucrosic limestone. 10% qtz. carb. veins and stringers. FOLIATION | 80 | | | |
| 56.00 TO 83.90 | «ARG + CHT» ARGILLITE AND CHERT | Black to grey. fg. Interbedded and finely laminated grey cherts and argillites strongly contorted bedding. FOLIATION | 85 | 10-15% qtz. carbonate veins and stringers. | Trace pyrite. | |
| 83.90 TO 99.30 | MAFIC TUFFS «MT» | Pale green. fg. Laminated tuffs, moderately competent with small (5mm-2cm) oblong limestone fragments. 10-15% qtz. carb. veins and stringers. {86.8-87.3} «ARG» 90.2-91.5 - trace of small rounded lapilli. | | Generally strongly carbonitized(10-15%) minor sericite near qtz. vein selvages. | | |

HOLE NUMBER: V-2

MINNOVA INC.
DRILL HOLE RECORD

DATE: 19-October-1989

| FROM TO | ROCK TYPE | TEXTURE AND STRUCTURE | ANGLE TO CA | ALTERATION | MINERALIZATION | REMARKS |
|------------|--------------|-----------------------|----------------|------------|----------------|---------|
| | | END OF HOLE. | | | | |

HOLE NUMBER: V-2

DRILL HOLE RECORD

LOGGED BY: K. CURTIS

PAGE: 3

HOLE NUMBER: V-2

ASSAY SHEET

DATE: 19-October-1989

| Sample | From (m) | To (m) | Length (m) | ASSAYS | | | | | | GEOCHEMICAL | | | | | | COMMENTS | |
|--------|-------------|-----------|---------------|---------|---------|---------|-----------|-----------|-----------|-------------|-----------|-----------|-----------|------------|------------|----------|------------|
| | | | | Cu % | Pb % | Zn % | Ag g/t | Au g/t | Sb ppm | As ppm | Cu ppm | Zn ppm | Pb ppm | SG g/cc | Ag oz/t | | Au oz/t |
| | 0.00 | 0.00 | 0.00 | | | | | | | | | | | | | | |

HOLE NUMBER: V-2

ASSAY SHEET

PAGE: 4

| Sample | From (m) | To (m) | Length (m) | SiO2 % | Al2O3 % | CaO % | MgO % | Na2O % | K2O % | Fe2O3 % | MnO2 % | TiO2 % | Ba ppm | Zr ppm | Cu ppm | Zn ppm | Pb ppm | TOTAL % | Au ppb | Ag ppm | As ppm | Sb ppm | Sr % |
|--------|-------------|-----------|---------------|-----------|------------|----------|----------|-----------|----------|------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|------------|-----------|-----------|-----------|-----------|---------|
| 20576 | 46.80 | 49.80 | 3.00 | 37.46 | 11.41 | 8.85 | 13.84 | .69 | .02 | 9.73 | .15 | 1.64 | 30 | | 69 | 101 | 89 | 84.15 | 5 | 1.3 | 1 | 8 | |
| 20577 | 78.10 | 81.10 | 3.00 | 44.11 | 14.69 | 6.07 | 10.41 | 2.34 | .02 | 11.04 | .12 | 1.62 | 12 | | 89 | 104 | 76 | 90.65 | 5 | .9 | 1 | 4 | |
| 20578 | 105.60 | 108.60 | 3.00 | 38.72 | 11.54 | 9.88 | 12.37 | .64 | .01 | 10.16 | .17 | 1.59 | 27 | | 55 | 102 | 95 | 85.36 | 5 | 1.0 | 4 | 6 | |
| 20579 | 126.20 | 128.70 | 2.50 | 38.72 | 15.36 | 8.31 | 7.99 | 3.62 | .59 | 10.68 | .13 | 2.10 | 17 | | 74 | 112 | 63 | 90.67 | 5 | 1.0 | 4 | 1 | |
| 20580 | 150.30 | 153.30 | 3.00 | 33.91 | 12.35 | 17.46 | 7.13 | 1.48 | .59 | 10.00 | .17 | 1.40 | 61 | | 107 | 99 | 66 | 84.75 | 10 | 1.2 | 13 | 3 | |

HOLE NUMBER: V-3

MINNOVA INC.
DRILL HOLE RECORD

IMPERIAL UNITS: METRIC UNITS: X

PROJECT NAME: VICTORY
PROJECT NUMBER: 241
CLAIM NUMBER: VICTORY 1
LOCATION: VICTORY GRID

PLOTTING COORDS GRID: VICTORY 88
NORTH: 2020.00N
EAST: 12300.00W
ELEV: 1217.00

ALTERNATE COORDS GRID: VICTORY 89
NORTH: 6+25N
EAST: 0+11E
ELEV: 1217.00

COLLAR DIP: -50° 0' 0"
LENGTH OF THE HOLE: 146.00m
START DEPTH: 6.70m
FINAL DEPTH: 152.70m

COLLAR GRID AZIMUTH: 220° 0' 0"

COLLAR ASTRONOMIC AZIMUTH: 180° 0' 0"

DATE STARTED: May 24, 1989
DATE COMPLETED: May 26, 1989
DATE LOGGED: June 3, 1989

COLLAR SURVEY: NO
MULTISHOT SURVEY: NO
RQD LOG: NO

PULSE EM SURVEY: NO
PLUGGED: NO
HOLE SIZE: NQ

CONTRACTOR: ATLAS
CASING:
CORE STORAGE: JOHNSON

PURPOSE:

DIRECTIONAL DATA:

| Depth (m) | Astronomic Azimuth | Dip degrees | Type of Test | FLAG | Comments | Depth (m) | Astronomic Azimuth | Dip degrees | Type of Test | FLAG | Comments |
|-----------|--------------------|-------------|--------------|------|----------|-----------|--------------------|-------------|--------------|------|----------|
| 53.60 | - | -50° 0' | ACID | OK | | - | - | - | - | - | |
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HOLE NUMBER: V-3

MINNOVA INC.
DRILL HOLE RECORD

DATE: 19-October-1989

| FROM TO | ROCK TYPE | TEXTURE AND STRUCTURE | ANGLE TO CA | ALTERATION | MINERALIZATION | REMARKS |
|-----------------|----------------------------------|---|-------------|-----------------------------------|----------------|------------------------------|
| 99.30 TO 152.70 | ARGILLITE + CHERT «ARG + CHT» | Black and grey. fg. Strongly contorted and laminated argillites and grey chert. 10% cross-cutting qtz. veins. END OF HOLE. | | Carbonitized near structural top. | | No tops. †129.8-130.3† «FLT» |

HOLE NUMBER: V-3

DRILL HOLE RECORD

LOGGED BY: K. CURTIS

PAGE: 3

| Sample | From (m) | To (m) | Length (m) | ASSAYS | | | | | | GEOCHEMICAL | | | | | | COMMENTS | | |
|--------|-------------|-----------|---------------|---------|---------|---------|-----------|-----------|-----------|-------------|-----------|-----------|-----------|------------|------------|----------|------------|--|
| | | | | Cu % | Pb % | Zn % | Ag g/t | Au g/t | Sb ppm | As ppm | Cu ppm | Zn ppm | Pb ppm | SG g/cc | Ag oz/t | | Au oz/t | |
| | | | | | | | | | | | | | | | | | | |

| Sample | From (m) | To (m) | Length (m) | SiO2 % | Al2O3 % | CaO % | MgO % | Na2O % | K2O % | Fe2O3 % | MnO2 % | TiO2 % | Ba ppm | Zr ppm | Cu ppm | Zn ppm | Pb ppm | TOTAL % | Au ppb | Ag ppm | As ppm | Sb ppm | Sr % |
|--------|-------------|-----------|---------------|-----------|------------|----------|----------|-----------|----------|------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|------------|-----------|-----------|-----------|-----------|---------|
| 20586 | 9.10 | 12.10 | 3.00 | 29.73 | 10.17 | 25.83 | 5.01 | 2.47 | .32 | 7.56 | .14 | .99 | 29 | | 74 | 56 | 47 | 82.73 | 10 | 3.6 | 28 | 1 | |
| 20587 | 36.30 | 39.20 | 2.90 | 48.67 | 14.11 | 7.64 | 8.65 | 2.31 | 1.49 | 11.69 | .22 | 2.04 | 68 | | 85 | 102 | 53 | 93.09 | 5 | 3.5 | 10 | 1 | |
| 20588 | 67.60 | 70.60 | 3.00 | 43.24 | 16.42 | 13.11 | 9.34 | 1.05 | .49 | 10.09 | .17 | .84 | 31 | | 97 | 60 | 51 | 94.85 | 5 | 2.2 | 11 | 1 | |
| 20589 | 100.30 | 103.30 | 3.00 | 39.11 | 14.06 | 13.02 | 6.99 | 2.63 | .39 | 12.53 | .19 | 1.28 | 25 | | 100 | 86 | 57 | 90.39 | 5 | 3.6 | 28 | 1 | |
| 20590 | 132.20 | 135.20 | 3.00 | 46.10 | 13.57 | 4.71 | 6.80 | 2.33 | .12 | 15.70 | .23 | 2.68 | 14 | | 76 | 138 | 76 | 92.56 | 5 | 1.1 | 9 | 1 | |
| 20591 | 148.50 | 151.50 | 3.00 | 37.94 | 13.43 | 12.91 | 7.56 | 1.13 | .99 | 11.76 | .18 | 1.46 | 50 | | 93 | 99 | 76 | 87.58 | 5 | 1.2 | 24 | 5 | |

LITHOGEOCHEMISTRY

V3

MAJOR OXIDES

TRACE ELEMENTS

| SAMPLE NUMBER | FROM () | TO () | MAJOR OXIDES | | | | | | | | | | TRACE ELEMENTS | | | | | Rock Type | Alt | Min | Grid | | | | | |
|-------------------|----------|--------|------------------|--------------------------------|-----|-----|-------------------|------------------|-----|-----|------------------|-------------------------------|----------------|--------|--------|--------|--------|-----------|-----|-----|------|--|--|--|--|--|
| | | | SiO ₂ | Al ₂ O ₃ | CaO | MgO | Na ₂ O | K ₂ O | FeO | MnO | TiO ₂ | P ₂ O ₅ | ppm Cu | ppm Zn | ppm Pb | ppm Ag | ppb Au | | | | | | | | | |
| 20581 | 8.3 | 11.0 | | | | | | | | | | | | | | | | | | | | | | | | |
| <i>M T</i> | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 20582 | 38.7 | 41.5 | | | | | | | | | | | | | | | | | | | | | | | | |
| <i>LST</i> | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 20583 | 72.6 | 75.4 | | | | | | | | | | | | | | | | | | | | | | | | |
| <i>CHT + ARG.</i> | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 20584 | 90.1 | 92.8 | | | | | | | | | | | | | | | | | | | | | | | | |
| <i>M T</i> | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 20585 | 133.2 | 138.3 | | | | | | | | | | | | | | | | | | | | | | | | |
| <i>CHT + LST.</i> | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 20586 | | | | | | | | | | | | | | | | | | | | | | | | | | |
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Hole No. _____

Entered by _____

Logged by _____

Page No. _____

MINNOVA INC.
DRILL HOLE RECORD

HOLE NUMBER: V-4

IMPERIAL UNITS:

METRIC UNITS: X

PROJECT NAME: VICTORY
PROJECT NUMBER: 241
CLAIM NUMBER: VICTORY 1
LOCATION: VICTORY

PLOTTING COORDS GRID: VICTORY 88
NORTH: 2190.00N
EAST: 12318.00W
ELEV: 1223.00

ALTERNATE COORDS GRID: VICTORY 89
NORTH: 7+41N
EAST: 0+ 0E
ELEV: 1223.00

COLLAR DIP: -50° 0' 0"
LENGTH OF THE HOLE: 150.60m
START DEPTH: 3.00m
FINAL DEPTH: 153.60m

COLLAR GRID AZIMUTH: 220° 0' 0"

COLLAR ASTRONOMIC AZIMUTH: 180° 0' 0"

DATE STARTED: May 26, 1989
DATE COMPLETED: May 30, 1989
DATE LOGGED: June 4, 1989

COLLAR SURVEY: NO
MULTISHOT SURVEY: NO
RQD LOG: NO

PULSE EM SURVEY: NO
PLUGGED: NO
HOLE SIZE: NQ

CONTRACTOR: ATLAS
CASING: L.I.H
CORE STORAGE: JOHNSON LAKE

PURPOSE:

DIRECTIONAL DATA:

| Depth (m) | Astronomic Azimuth | Dip degrees | Type of Test | FLAG | Comments | Depth (m) | Astronomic Azimuth | Dip degrees | Type of Test | FLAG | Comments |
|-----------|--------------------|-------------|--------------|------|----------|-----------|--------------------|-------------|--------------|------|----------|
| 17.10 | - | -48° 0' | ACID | OK | | - | - | - | - | - | |
| 78.00 | - | -48° 0' | ACID | OK | | - | - | - | - | - | |
| - | - | - | - | - | | - | - | - | - | - | |
| - | - | - | - | - | | - | - | - | - | - | |
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| - | - | - | - | - | | - | - | - | - | - | |
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| - | - | - | - | - | | - | - | - | - | - | |
| - | - | - | - | - | | - | - | - | - | - | |

| Sample | From (m) | To (m) | Length (m) | SiO2 % | Al2O3 % | CaO % | MgO % | Na2O % | K2O % | Fe2O3 % | MnO2 % | TiO2 % | Ba ppm | Zr ppm | Cu ppm | Zn ppm | Pb ppm | TOTAL % | Au ppb | Ag ppm | As ppm | Sb ppm | Sr % |
|--------|-------------|-----------|---------------|-----------|------------|----------|----------|-----------|----------|------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|------------|-----------|-----------|-----------|-----------|---------|
| 20581 | 8.30 | 11.00 | 2.70 | 35.29 | 13.50 | 15.21 | 8.67 | 1.24 | .96 | 9.72 | .16 | .92 | 39 | | 86 | 80 | 73 | 86.13 | 5 | 2.3 | 10 | 3 | |
| 20582 | 38.70 | 41.50 | 2.80 | 31.38 | 7.71 | 24.55 | 8.65 | .22 | .44 | 5.57 | .15 | .64 | 30 | | 45 | 64 | 64 | 79.52 | 5 | 2.0 | 11 | 1 | |
| 20583 | 72.60 | 75.40 | 2.80 | 76.88 | 7.18 | .98 | 2.54 | .45 | 1.43 | 4.88 | .09 | .71 | 214 | | 76 | 89 | 31 | 95.70 | 5 | .2 | 8 | 1 | |
| 20584 | 90.10 | 92.80 | 2.70 | 38.56 | 12.25 | 16.28 | 5.61 | 3.15 | .10 | 8.72 | .12 | 1.16 | 186 | | 103 | 88 | 57 | 86.07 | 5 | 2.5 | 26 | 1 | |
| 20585 | 133.20 | 138.30 | 5.10 | 72.79 | 8.87 | 2.36 | 2.41 | 1.02 | 1.89 | 4.58 | .07 | .58 | 186 | | 68 | 63 | 27 | 95.24 | 5 | .3 | 3 | 1 | |

| FROM TO | ROCK TYPE | TEXTURE AND STRUCTURE | ANGLE TO CA | ALTERATION | MINERALIZATION | REMARKS |
|-----------------|---------------------------------------|--|-------------|--|---|---------|
| 0.00 TO 3.00 | «CASING» | | | | | |
| 3.00 TO 21.80 | MAFIC TUFFS + LIMESTONE «MT + LST» | Green and grey. fg. Interbedded mafic tuffs and lesser grey sucrosic, banded limestone. 10-15% qtz.-carb. veins. FOLIATION | 90 | Carbonitized tuffs. However this may be due to co-sequential deposition with carbonates. | ‡19.5-19.8‡ «2-3% py. in stringers» associated with qtz. carbonate stringers. | |
| 21.80 TO 33.00 | LIME STONE + ARGILLITE «LST + ARG» | Grey. fg. Mainly limestone with graphitic partings and minor argillite interbeds. ‡31.0-32.5‡ «BX» | | Minor whisps of sericite. Epidote stringers. | | |
| 33.00 TO 39.10 | MAFIC TUFFS «MT» | Green. fg. Finely laminated mafic tuffs. Mainly chloritic with 5% qtz. shards. Minor epidote. 10% qtz.-carb. veins. | | Strongly carbonitized intervals. | | |
| 39.10 TO 47.00 | LIMESTONE + MAFIC TUFFS «LST + MT» | Grey and green. fg. Interbedded, grey banded limestone and mafic tuffs. FOLIATION ‡40.9-42.5‡ «carb. stringer zone». 10% qtz.-carb. veins. | 80 | Strong carbonitization of mafics. | | |
| 47.00 TO 153.60 | MAFIC TUFFS + LIMESTONE «MT + LST» | Green and grey bands. Interbedded tuffs and lesser limestones. Laminated sequences. Strongly deformed. FOLIATION END OF HOLE. | 80 | Intervals of strong qtz. veining. | ‡65.3-71.2‡ «MT» ‡79.2-82.6‡ «LST» ‡153.0-153.6‡ «BX». | |

HOLE NUMBER: V-4

ASSAY SHEET

DATE: 19-October-1989

| Sample | From (m) | To (m) | Length (m) | ASSAYS | | | | | | GEOCHEMICAL | | | | | | COMMENTS |
|--------|-------------|-----------|---------------|---------|---------|---------|-----------|-----------|-----------|-------------|-----------|-----------|-----------|------------|------------|----------|
| | | | | Cu % | Pb % | Zn % | Ag g/t | Au g/t | Sb ppm | As ppm | Cu ppm | Zn ppm | Pb ppm | SG g/cc | Ag oz/t | |

HOLE NUMBER: V-4

ASSAY SHEET

PAGE: 3

| FROM TO | ROCK TYPE | TEXTURE AND STRUCTURE | ANGLE TO CA | ALTERATION | MINERALIZATION | REMARKS | |
|----------------|-------------------------|--|-------------|---|--|---------------------------|--|
| 0.00 TO 53.80 | OVERBURDEN «OB» | Colour: brown Grain Size: all sizes -brown coating to clay rich till, with matrix pebbles and cobbles of widely varied composition but limestone is dominant; cored quite well from 19.0-53.8 m with 90% recovery, due to compaction and development of "calc-crete" | | | | -none | Poorly sorted with no internal fabric or bedding development |
| 53.80 TO 61.00 | «CALC ARG + CHT» | Colour: black, grey + green Grain Size: -contorted, laminated cherty argillaceous sediments; locally cut by calcite veinlet with assoc. alteration -core badly broken and weathered foliation | 50 | -calcite (+/- Fe-dol?) locally alters the argillite to a pale green tinge to brown which reacts vigorously with HCl | -tr py -numerous thin carbonate-qtz veinlets are barren | {60.0-70.0} «fault gouge» | |
| 61.00 TO 63.90 | «SIL ARG + CHT» | Colour: black and dark grey Grain Size: fine -silificied, angular chert frags, and contorted laminae clast supported, in an argillaceous matrix resembles healed fault breccia; contains some clasts of vein qtz-dol wavy foliation | 80 | -silificiad pervasively | -2% diss. py, in argillaceous matrix | | |
| 63.90 TO 70.20 | «FAULT GOUGE + BRECCIA» | Colour: black + white Grain Size: all sizes -graphitic argillite, argillaceous friable gouge, 5-10 cm quartz (+/- dol) veinlets, all badly broken, in an obvious fault zone | | | | -tr py | 70% recovery graphite may explain geophysical anomaly |

| FROM TO | ROCK TYPE | TEXTURE AND STRUCTURE | ANGLE TO CA | ALTERATION | MINERALIZATION | REMARKS |
|------------------|--|---|-------------|--|--|--|
| 70.20 TO 73.60 | «DOL ARG + CHT» | Colour: black and grey Grain Size: fine -contorted and locally brecciated laminated argillite and chert, cut by numerous qtz-dol veinlets; strongly foliated foliation | 70 | -carbonatization of selected seams and assoc. with thin abundant veinlets; stain indicates Fe-dolomite -a few thin seams have a light green grey tinge and stain dark blue in potassium ferro-cyanide | -1% py | |
| 73.60 TO 75.10 | «QTZ CALC VEIN» | Colour: white Grain Size: -predominantly white bulky quartz, barren of sulphides, and with few impurities; coarsely crystalline with 1-2 cm bladed calcite near vein margins | 65 | -sharp contacts | | |
| 75.10 TO 114.00 | «LIMY ARG + CHT» | Colour: black, grey + green grey Grain Size: fine to aphanitic -strongly foliated interval of mostly black argillite, interlaminated with transposed limy(?) chert and numerous thin qtz-dol veinlets. -locally the unit is a matrix supported breccia but only for 10-20 cm between contorted intervals -quartz-cal-dol veinlets up to 15 cm are widely spaced throughout the interval | 65 | -short (up to 10 cm) intervals of pale green, limy seds, thought to be a sericite Fe-dolomite alteration -possibly thin mafic tuff beds now altered | -1% access. pyrite | |
| 114.00 TO 152.40 | «DOL, TUFF + LMST» "dolomitized tuff(?) +limestone» | Colour: light green, grey and white Grain Size: fine -contact zone from 111.5-114.0 is a matrix supported breccia, possibly a debris flow, with chunks of lower unit within it; if so, TOPS up-hole -this interval consists of sort (20 cm) grey laminated limestone interbedded with contorted, light green dolomitized intervals, thought to be altered limy mafic tuff? (up to 3 m) or fine | | -a light green sericite/dolomite alteration is dominant and intensely pervasive; only the grey limestone portions are not altered. -interval cut by numerous qtz-carb veinlets -the limestone is beginning to become | -1% finely dissem. in green ser/dol portions only -potassium-ferrocyanide staining reveals both calcareous limestone and Fe-dolomite in the sericite portions | ‡111.5-114.0‡ «matrix supp. bx debris flow?» there are no "windows" of unaltered patches within this interval; black argillaceous material is absent, or completely altered |

HOLE NUMBER: V-5

MINNOVA INC.
DRILL HOLE RECORD

DATE: 6-March-1990

| FROM TO | ROCK TYPE | TEXTURE AND STRUCTURE | ANGLE TO CA | ALTERATION | MINERALIZATION | REMARKS |
|------------|--------------|----------------------------|----------------|--------------------------|----------------|---------|
| | E.O.H. | sediments foliation | 70 | dominant in the last 5 m | | |

HOLE NUMBER: V-5

DRILL HOLE RECORD

LOGGED BY: A. Hill

PAGE: 4

HOLE NUMBER: V-5

ASSAY SHEET

DATE: 1-January-1980

| Sample | From (m) | To (m) | Length (m) | ASSAYS | | | | | GEOCHEMICAL | | | | | COMMENTS | | | | |
|--------|-------------|-----------|---------------|---------|---------|---------|-----------|-----------|-------------|-----------|-----------|-----------|-----------|----------|------------|------------|------------|--|
| | | | | Cu % | Pb % | Zn % | Ag g/t | Au g/t | Sb ppm | As ppm | Cu ppm | Zn ppm | Pb ppm | | SG g/cc | Ag oz/t | Au oz/t | |
| 21637 | 73.60 | 75.10 | 1.50 | 0.002 | 0.01 | 0.01 | 0.4 | 0.07 | | | | | | | | | | |

HOLE NUMBER: V-5

ASSAY SHEET

PAGE: 1

HOLE NUMBER: V-5

GEOCHEM. SHEET

DATE: 1-January-1980

| Sample | From (m) | To (m) | Length (m) | SiO2 % | Al2O3 % | CaO % | MgO % | Na2O % | K2O % | Fe2O3 % | MnO2 % | TiO2 % | Ba ppm | Zr ppm | Cu ppm | Zn ppm | Pb ppm | TOTAL % | Au ppb | Ag ppm | As ppm | Sb ppm | Sr % | |
|--------|-------------|-----------|---------------|-----------|------------|----------|----------|-----------|----------|------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|------------|-----------|-----------|-----------|-----------|---------|--|
| 21636 | 61.30 | 63.30 | 2.00 | 75.42 | 8.19 | 0.81 | 1.68 | 0.21 | 2.44 | 4.72 | 0.12 | 0.38 | 38 | | 99 | 180 | 12 | | 5 | 0.5 | | | | |
| 21638 | 100.00 | 102.00 | 2.00 | 65.45 | 9.05 | 2.60 | 3.80 | 0.79 | 1.88 | 5.42 | 0.15 | 0.46 | 31 | | 78 | 109 | 35 | | 10 | 0.8 | | | | |
| 21639 | 124.20 | 126.20 | 2.00 | 44.37 | 15.10 | 8.50 | 9.52 | 2.67 | 0.40 | 12.49 | 0.20 | 1.92 | 32 | | 80 | 109 | 35 | | 5 | 0.9 | | | | |
| 21640 | 147.50 | 149.50 | 2.00 | 4.50 | 1.73 | 49.17 | 1.67 | 0.20 | 0.21 | 1.35 | 0.04 | 0.11 | 14 | | 11 | 24 | 18 | | 5 | 2.5 | | | | |

HOLE NUMBER: V-5

GEOCHEM. SHEET

PAGE: 1

| FROM TO | ROCK TYPE | TEXTURE AND STRUCTURE | ANGLE TO CA | ALTERATION | MINERALIZATION | REMARKS |
|----------------|--------------------|--|-------------|--|----------------|---|
| 0.00 TO 20.00 | «CASING» | | | | | |
| 20.00 TO 23.60 | «OB» OVERBURDEN | -mixed lst, mt frags cemented by carbonate matrix | | | | |
| 23.60 TO 61.20 | «MT» | «15% Q-D string» Colour: green Grain Size: -finely laminated mafic ash tuffs and lesser graphitic siltstones strongly interbedded synchronous deposition strongly contorted. -15% Q-D string -argilles are strongly hematite stained bedding: foliation: ‡47.2-49.7‡ «ARG» | 65 95 | «absence of lst» CaCO ₃ -> CaMgCO ₃ | | |
| 61.20 TO 92.20 | «ARG + MT» | «20% QDV» | | | | «corr. with chl. + arg» |
| TO 98.80 | | Colour: dark greyd Grain Size: fine -slightly hematitic siltstones and lesser chloritic tuffs; very finely laminated and folded, strongly interbedded ‡67.4-69.7‡ «MT» ‡79.5-82.7‡ «MT» | | -v. strong chl. -v. strong chl. | | ‡75.0-78.0‡ «FLT» -broken gougy sections -absence of limey sections |

| FROM TO | ROCK TYPE | TEXTURE AND STRUCTURE | ANGLE TO CA | ALTERATION | MINERALIZATION | REMARKS |
|------------------|------------|---|-------------|--|----------------|---|
| 92.20 TO 125.90 | «MT» | «20% QDV» Colour: green Grain Size: fine -typical well laminated sequence, strongly chloritic -cherty, hematitic horizons | | «sericitic envelope» | | corr with chl |
| 125.90 TO 139.20 | «ARG + MT» | Colour: grey and green Grain Size: fine -argillite (purplish) with lesser interfingering mafic ash tuffs foliations | 50 | -minor qtz veins with sericitic envelopes | | -strongly interfingering with transitional contacts |
| 139.20 TO 147.20 | «MT» | Colour: green Grain Size: fine -weakly sericitic mafic ash tuffs, strong laminae -5% qtz veins -crenulated foliation foliation | 60 | -matrix is 50% chloritic and 20% sericitic | | Fault contact at base |
| 147.20 TO 152.70 | «ARG» | Colour: black Grain Size: fine -well laminated argillite with brecciated upper interval {142.2-148.1} «BX» | | «5% QV» | | Fault contact at top |

HOLE NUMBER: V-6

GEOCHEM. SHEET

DATE: 1-January-1980

| Sample | From (m) | To (m) | Length (m) | SiO2 % | Al2O3 % | CaO % | MgO % | Na2O % | K2O % | Fe2O3 % | MnO2 % | TiO2 % | Ba ppm | Zr ppm | Cu ppm | Zn ppm | Pb ppm | TOTAL % | Au ppb | Ag ppm | As ppm | Sb ppm | Sr % | |
|--------|-------------|-----------|---------------|-----------|------------|----------|----------|-----------|----------|------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|------------|-----------|-----------|-----------|-----------|---------|--|
| 22973 | 56.30 | 59.30 | 3.00 | 60.69 | 17.34 | 1.06 | 2.03 | 0.45 | 3.91 | 7.39 | 0.44 | 0.80 | 53 | | 54 | 5825 | 85 | | 5 | 1.7 | | | | |
| 22974 | 93.00 | 96.00 | 3.00 | 62.63 | 17.23 | 0.46 | 1.97 | 0.71 | 3.62 | 6.81 | 0.46 | 0.82 | 36 | | 44 | 297 | 37 | | 5 | 0.5 | | | | |
| 22975 | 140.80 | 143.80 | 3.00 | 56.87 | 15.58 | 0.79 | 1.85 | 1.11 | 3.06 | 6.38 | 0.59 | 0.71 | 29 | | 37 | 225 | 43 | | 5 | 0.3 | | | | |

HOLE NUMBER: V-7

MINNOVA INC.
DRILL HOLE RECORD

IMPERIAL UNITS:

METRIC UNITS: X

PROJECT NAME: VICTORY
PROJECT NUMBER: 241
CLAIM NUMBER: VICTORY 1
LOCATION: Victory Grid

PLOTTING COORDS GRID: Victory
NORTH: 690.00N
EAST: 400.00W
ELEV: 1173.00

ALTERNATE COORDS GRID: *SAM*
NORTH: 0+ 0 *2134N*
EAST: 0+ 0 *12702 W*
ELEV: 0.00 *1173m el*

COLLAR DIP: -50° 0' 0"
LENGTH OF THE HOLE: 110.20m
START DEPTH: 0.00m
FINAL DEPTH: 110.20m

COLLAR GRID AZIMUTH: 180° 0' 0"

COLLAR ASTRONOMIC AZIMUTH: 225° 0' 0"

DATE STARTED: September 21, 1989
DATE COMPLETED: September 22, 1989
DATE LOGGED: September 23, 1989

COLLAR SURVEY: NO
MULTISHOT SURVEY: NO
RQD LOG: NO

PULSE EM SURVEY: NO
PLUGGED: NO
HOLE SIZE: NQ

CONTRACTOR: LeClerc Drilling
CASING: pulled
CORE STORAGE: Samex Camp

PURPOSE: Hole abandoned after 361 feet of calcrete and till mixed, rounded cobbles + pebbles, matrix supported

DIRECTIONAL DATA:

| Depth (m) | Astronomic Azimuth | Dip degrees | Type of Test | FLAG | Comments | Depth (m) | Astronomic Azimuth | Dip degrees | Type of Test | FLAG | Comments |
|-----------|--------------------|-------------|--------------|------|----------|-----------|--------------------|-------------|--------------|------|----------|
| 79.20 | - | -52° 0' | ACID | OK | | - | - | - | - | - | |
| 110.00 | - | -51° 0' | ACID | OK | | - | - | - | - | - | |
| - | - | - | - | - | | - | - | - | - | - | |
| - | - | - | - | - | | - | - | - | - | - | |
| - | - | - | - | - | | - | - | - | - | - | |
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| - | - | - | - | - | | - | - | - | - | - | |

*rel to V-2
+ 245 N
+ 400 W
1175 m el.*

HOLE NUMBER: V-8

MINNOVA INC.
DRILL HOLE RECORD

IMPERIAL UNITS: METRIC UNITS: X

PROJECT NAME: VICTORY
PROJECT NUMBER: 241
CLAIM NUMBER: VICTORY 1
LOCATION: Victory Grid

PLOTTING COORDS GRID: Victory
NORTH: 880.00N
EAST: 400.00W
ELEV: 1177.00

ALTERNATE COORDS GRID:
NORTH: 0+ 0
EAST: 0+ 0
ELEV: 0.00

COLLAR DIP: -50° 0' 0"
LENGTH OF THE HOLE: 70.40m
START DEPTH: 0.00m
FINAL DEPTH: 70.40m

COLLAR GRID AZIMUTH: 180° 0' 0"

COLLAR ASTRONOMIC AZIMUTH: 225° 0' 0"

DATE STARTED: September 19, 1989
DATE COMPLETED: September 21, 1989
DATE LOGGED: September 23, 1989

COLLAR SURVEY: NO
MULTISHOT SURVEY: NO
RQD LOG: NO

PULSE EM SURVEY: NO
PLUGGED: NO
HOLE SIZE: NQ

CONTRACTOR: LeClerc
CASING: pulled
CORE STORAGE: Samex Camp

PURPOSE: Hole abandoned after 231 feet of calcrete and till mixed cobbles, well rounded, matrix supported

DIRECTIONAL DATA:

| Depth (m) | Astronomic Azimuth | Dip degrees | Type of Test | FLAG | Comments | Depth (m) | Astronomic Azimuth | Dip degrees | Type of Test | FLAG | Comments |
|-----------|--------------------|-------------|--------------|------|----------|-----------|--------------------|-------------|--------------|------|----------|
| 38.40 | - | -48° 0' | ACID | OK | | - | - | - | - | - | |
| - | - | - | - | - | | - | - | - | - | - | |
| - | - | - | - | - | | - | - | - | - | - | |
| - | - | - | - | - | | - | - | - | - | - | |
| - | - | - | - | - | | - | - | - | - | - | |
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445
290
155

1889
-155
1734

| | | | | |
|---------|----------------|--------------|-------|------------|
| ✓* V-1 | ? | 12302W/1723N | 1160m | -50/195m |
| ✓ V-2 | | 12302W/1889N | 1174m | -50/153.3m |
| ✓ V-3 | | 12300W/2020N | 1217m | -50/152.7m |
| ✓ V-4 | | 12318W/2190N | 1223m | -50/153.6m |
| ✓ V-5 | ? | 11907W/2424N | 1175m | -50/152.4m |
| * ✓ V-6 | ? | 12287W/1624N | 1173m | -50/152.7m |
| * ✓ V-7 | Lost in o/B | 12702W/2134N | 1173m | -50/110.2m |
| * ✓ V-8 | Lost in o/B | 12702W/1944N | 1177m | -50/70.4m |

* estimated! by AT 5018, 1991
entered " " ✓