INTERNATIONAL GEOSYSTEMS CORPORATION



RGC Exploration PTY LTD
E.L. 966, HENTY PROJECT

SURFACE DIAMOND DRILLHOLE : HP049B

PROJECT IDEN : 5510
COLLAR NORTHING: 63856.60
DRILLED BY :LY
START DATE : 3 APR 89
COLLAR EASTING : 79439.70
TOTAL LENGTH : 963.80
COMPLETION DATE : 14 APR 89
COLLAR ELEVATION: 2688.07
CORE/HOLE SIZE : NQ
LOGGED BY:RHR
GRID AZIMUTH : 0.00

| SURVEY FLAG | SURVEY POINT LOCATION | FORESIGHT | AZIMUTH (DEGREES) | VERTICAL ANGLE (DEGREES) | NORTHING | EASTING | ELEVATION |
|---|---|---|---|---|---|---|---|
| 000 | 0.00 | | 115.00 | -71.00 | 63856.60 | 79439.70 | 2688.07 |
| 001 | 16.00 | | 115.00 | -71.75 | | | |
| 002 | 40.00 | | 117.50 | -71.75 | | | |
| 003 | 60.00 | | 116.50 | -71.50 | | | |
| 004 | 84.00 | | 117.50 | -72.00 | | | |
| 005 | 100.00 | | 115.00 | -72.00 | | | |
| 006 | 120.00 | | 117.00 | -71.50 | | | |
| 007 | 138.00 | | 117.00 | -72.00 | | | |
| 008 | 155.00 | | 118.00 | -71.50 | | | |
| 009 | 166.00 | | 117.00 | -72.00 | | | |
| 010 | 182.00 | | 119.00 | -72.00 | | | |
| 011 | 210.00 | | 118.00 | -72.00 | | | |
| 012 | 240.00 | | 117.00 | -72.00 | | | |
| 013 | 260.00 | | 114.50 | -71.75 | | | |
| 014 | 280.00 | | 117.00 | -71.75 | | | |
| 015 | 300.00 | | 118.00 | -72.00 | | | |
| 016 | 330.00 | | 117.00 | -69.00 | | | |
| 017 | 348.00 | | 116.50 | -67.50 | | | |
| 018 | 370.00 | | 115.50 | -66.00 | | | |
| 019 | 390.00 | | 116.50 | -65.00 | | | |
| 020 | 412.00 | | 115.50 | -63.00 | | | |
| 021 | 433.00 | | 114.50 | -62.50 | | | |
| 022 | 454.00 | | 116.00 | -61.00 | | | |
| 023 | 475.00 | | 115.50 | -59.00 | | | |
| 024 | 496.00 | | 114.50 | -57.00 | | | |
| 025 | 517.00 | | 113.50 | -55.00 | | | |
| 026 | 538.00 | | 111.00 | -52.00 | | | |
| 027 | 559.00 | | 109.50 | -49.00 | | | |
| 028 | 580.00 | | 108.50 | -47.25 | | | |
| 029 | 601.00 | | 108.00 | -46.75 | | | |
| 030 | 622.00 | | 107.00 | -44.75 | | | |
| 031 | 643.00 | | 106.50 | -42.25 | | | |
| 032 | 664.00 | | 105.50 | -40.00 | | | |
| 033 | 685.00 | | 107.00 | -39.00 | | | |
| 034 | 705.00 | | 102.50 | -35.50 | | | |
| 035 | 726.00 | | 103.50 | -33.75 | | | |
| 036 | 745.00 | | 104.50 | -30.50 | | | |
| 037 | 766.00 | | 103.50 | -28.00 | | | |

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SURFACE DIAMOND DRILLHOLE : HP049B (CONTINUED)

| SURVEY FLAG | SURVEY POINT LOCATION | FORESIGHT | AZIMUTH (DEGREES) | VERTICAL ANGLE (DEGREES) | NORTHING | EASTING | ELEVATION |
|---|---|---|---|---|---|---|---|
| 038 | 787.00 | | 103.00 | -26.50 | | | |
| 039 | 807.00 | | 101.00 | -25.00 | | | |
| 040 | 834.00 | | 102.00 | -23.00 | | | |
| 041 | 892.00 | | 103.00 | -20.00 | | | |
| 042 | 922.00 | | 103.50 | -18.50 | | | |
| 043 | 955.00 | | 103.50 | -16.50 | | | |

R HED HOLE PURPOSE:To obtain a second intersection of mineralisation
R HED from HP049A.
R HED HOLE SIZE:820-EOH NQ.
R HED HOLE CONDITION:All rods removed. Pulled out casing and wedge.

| | From (m) | To (m) | Rec. (m) | RQD (m) | Description | Unit |
|---|---|---|---|---|---|---|
| | 0.00 | 820.30 | | | HANGING WALL:UNDIFFERENTIATED. | CENTRAL VOLCANICS |
| R | 0.00 | 820.30 | | | ABOVE WEDGE - SEE HP49A | |
| | 820.30 | 834.00 | | | HANGING WALL: STRONGLY BROKEN: pink, very strongly broken core, with prominent pug zones, moderate silica alteration. | CENTRAL VOLCANICS |
| | 834.00 | 881.05 | | | MYLONITE AND PUG: upper contact: 63, lower contact: 67.<br>834.00 - 851.00: 100% MYLONITE AND PUG: dark green, mylonitic.<br>851.00 - 853.60: 100% LAVAS AND VOLCANICLASTICS: very weak silica-sericite-pyrite alteration.<br>853.60 - 874.80: 100% MYLONITE AND PUG: green, mylonitic, lower contact: 42.<br>874.80 - 881.05: 100% MYLONITE AND PUG: moderate to strongly broken core, with prominent pug zones, strong silica alteration. | HENTY FAULT ZONE |
| | 881.05 | 893.30 | | | UNDIFFERENTIATED ALTERED VOLCANICLASTICS.<br>881.05 - 886.35: 100% UNDIFFERENTIATED ALTERED VOLCANICLASTICS: sheared, kink fold/s, weakly broken core, with minor pug zones, strong silica-sericite-pyrite alteration.<br>886.35 - 893.30: 100% UNDIFFERENTIATED ALTERED VOLCANICLASTICS: sheared, kink fold/s, weakly broken core, with minor pug zones, moderate silica-sericite-pyrite alteration. | |
| | 893.30 | 909.15 | | | QUARTZ-SULPHIDE MINERALISATION.<br>893.30 - 896.70: 100% QUARTZ-SULPHIDE MINERALISATION: strong silica-sericite-pyrite alteration, 20% nodules of quartz | |

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SURFACE DIAMOND DRILLHOLE : HP049B (CONTINUED)

| | Interval From (m) | Interval To (m) | Rec. (m) | RQD (m) | Description | Unit |
|---|---|---|---|---|---|---|
| | | | | | mineralisation.<br>896.70 - 901.00: 100% QUARTZ-SULPHIDE MINERALISATION: moderate to strong quartz-sericite alteration, patches of weak silica-sericite-pyrite alteration, 10% patches of quartz mineralisation.<br>897.10 - 897.55: 100% QUARTZ-SULPHIDE MINERALISATION: 2.5% blebs of fluorite. | |
| R | 901.00 | 909.15 | | | Carbonate occurs as lenses and also as networks of | |
| R | 901.00 | 909.15 | | | MICROVEINLETS WITHIN quartz. Carbonate is possibly late stage.<br>901.00 - 909.15: 100% QUARTZ-SULPHIDE MINERALISATION: strong silica-sericite-pyrite alteration, pervasive moderate carbonate alteration, 10% quartz-base metal mineralisation, 0.3% layers/bands of pyrite, 0.1% veinlets of chalcopyrite, 0.1% veinlets of galena, 0.1% veinlets of sphalerite. | |
| | 909.15 | 916.00 | | | UNDIFFERENTIATED ALTERED VOLCANICLASTICS: very strong carbonate-chlorite alteration. | |
| | 916.00 | 934.15 | | | QUARTZ-SULPHIDE MINERALISATION.<br>916.00 - 921.00: 100% QUARTZ-SULPHIDE MINERALISATION: moderate quartz-sericite alteration with co3, patches of weak to moderate silica-sericite-pyrite alteration, 10% quartz mineralisation.<br>921.00 - 925.00: 100% QUARTZ-SULPHIDE MINERALISATION: strong silica-sericite-pyrite alt. with co3, 5% quartz-copper mineralisation, 0.1% blebs of chalcopyrite.<br>925.00 - 934.15: 100% QUARTZ-SULPHIDE MINERALISATION: strong quartz-sericite alteration with co3, patches of strong silica-sericite-pyrite alteration, 30% quartz-copper mineralisation. | |
| | 934.15 | 938.70 | | | CARBONATE ZONE: weak sericite-pyrite alteration. | TYNDALL VOLCANICS |
| | 938.70 | 949.20 | | | QUARTZ-SULPHIDE MINERALISATION: weak to moderate quartz-sericite alteration with co3, patches of moderate silica-sericite-pyrite alteration, 10% quartz-copper mineralisation, 1% blebs of chalcopyrite. | |
| | 949.20 | 956.80 | | | LAVAS AND VOLCANICLASTICS: pink, patches of very strong silica alteration. | TYNDALL VOLCANICS |
| | 956.80 | 963.50 | | | INTENSELY SILICIFIED ZONE: extreme silica alteration.<br>959.70 - 959.90: 90% INTENSELY SILICIFIED ZONE: patches of weak silica-sericite-pyrite alteration. | |