EQUITY | EXPLORATION CONSULTANTS LTD.

# GeoSpark Logger ~ Drill Log

**Project:** KZK **Hole Number:** K16-369

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| Prospect: | Krakatoa | Hole Type: | DD | Survey Type: | RTK DGPS | Logged By: | Dillon Hume |
| Grid: | NAD83_Z9 | Hole Diameter: | 96 | Survey By: | Challenger_Survey | Date Logging Start: | 6/27/2016 |
| UTM Easting | 415240.268 | Core Size: | HQ3 | Azimuth: | 31.7 | Date Logging Complete: | 7/1/2016 |
| UTM Northing: | 6815212.141 | Casing Pulled?: | Yes | Dip: | -70.9 | Drill Company: | Hytech |
| UTM Elev. (m): | 1441.236 | Casing Depth (m): | 4.5 | Length (m): | 450 | Drill Rig: | Tech 5000 |
| Local Easting: | | Stored?: | Yes | Claims Title | | Drill Started: | 6/17/2016 |
| Local Northing: | | Cemented?: | No | Core Storage Loc.: | KZK Camp | Drill Completed: | 6/23/2016 |
| Local Elev. (m): | | | | Hole Completed?: | Completed | Purpose: | Exploration |
| Comments: | | | | | | Parent Hole: | |

K16-369 was drilled as a step out from K15-263 and tests the down-dip potential of the Krakatoa upper lens under the hypothesis that the upper lens is the equivalent of the ABM lens.
K16-369 encountered bedrock at 4.5 m, where it collared into the Wind Lake Formation, which persists from 4.5-33.3 m, consisting of mudstones and mafic tuffs. Below the Wind Lake Formation, the felsic hanging wall (Kudz Ze Kayah Formation) was encountered to a depth of 369.2 m, where massive sulfide was first encountered. Moderate to strong MU-alteration is encountered from 301-369.2 m. From 369.2-372.8 m, heavily disseminated to massive mineralization was encountered, consisting of OF, OJ, and OI. From 372.8-385 m, strongly MU+/-CL altered rhyolite occurs. From 385-392.9 m massive and minor heavily disseminated sulfide was encountered, consisting of OA, OJ, and chalcopyrite-rich OC mineralization styles. Below the massive sulfide weak to moderately altered felsic volcaniclastics occur to the end of the hole (450 m).
Note that no CL-BI-CA schist (MAFi) was encountered within this hole, yet the hanging wall and footwall are very similar to that observed elsewhere at Krakatoa and ABM.

***Downhole Surveys:***

| Depth (m) | Dip | Measured Azimuth | Correction Factor | Corrected Azimuth | Survey Type | Survey By | Survey Date | Mag Field | Accept Values? | Comments |
|---|---|---|---|---|---|---|---|---|---|---|
| 0 | -70.9 | 30.3 | 1.4 | 31.7 | TN14 | Steve Bultitude | 6/17/2016 | | ☑ | Rig aligned to true north (measured azimuth). Grid convergence of 1.4 deg applied to correct to UTM azimuth. |
| 5 | -71.03851 | 30.28047 | 1.4 | 31.68047 | Gyro | Steve Bultitude | 6/23/2016 | | ☑ | 100 |
| 10 | -71.13068 | 30.43471 | 1.4 | 31.83471 | Gyro | Steve Bultitude | 6/23/2016 | | ☑ | 100 |
| 15 | -71.34472 | 30.66865 | 1.4 | 32.06865 | Gyro | Steve Bultitude | 6/23/2016 | | ☑ | 100 |
| 15.1 | -71.5 | 11.7 | 22.1 | 33.8 | ReflexEZS | Hytech | 6/17/2016 | 5797 | ☐ | Measured azimuth relative to magnetic north. Grid declination of 22.1 deg applied to correct to UTM azimuth. |
| 20 | -71.38057 | 30.81234 | 1.4 | 32.21234 | Gyro | Steve Bultitude | 6/23/2016 | | ☑ | 100 |
| 25 | -71.60077 | 30.59639 | 1.4 | 31.99639 | Gyro | Steve Bultitude | 6/23/2016 | | ☑ | 100 |
| 30 | -72.02669 | 30.84625 | 1.4 | 32.24625 | Gyro | Steve Bultitude | 6/23/2016 | | ☑ | 100 |
| 35 | -72.08936 | 30.97576 | 1.4 | 32.37576 | Gyro | Steve Bultitude | 6/23/2016 | | ☑ | 100 |
| 39 | -72.4 | 11.2 | 22.1 | 33.3 | ReflexEZS | Hytech | 6/18/2016 | 5793 | ☐ | Measured azimuth relative to magnetic north. Grid declination of 22.1 deg applied to correct to UTM azimuth. |
| 40 | -72.19951 | 30.74048 | 1.4 | 32.14048 | Gyro | Steve Bultitude | 6/23/2016 | | ☑ | 100 |
| 45 | -72.40082 | 30.84672 | 1.4 | 32.24672 | Gyro | Steve Bultitude | 6/23/2016 | | ☑ | 100 |
| 50 | -72.55657 | 31.21169 | 1.4 | 32.61169 | Gyro | Steve Bultitude | 6/23/2016 | | ☑ | 100 |
| 55 | -72.77492 | 31.3398 | 1.4 | 32.7398 | Gyro | Steve Bultitude | 6/23/2016 | | ☑ | 100 |
| 60 | -72.918 | 31.55377 | 1.4 | 32.95377 | Gyro | Steve Bultitude | 6/23/2016 | | ☑ | 100 |

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**Project:** KZK **Hole Number:** K16-369

| Depth (m) | Dip | Measured Azimuth | Correction Factor | Corrected Azimuth | Survey Type | Survey By | Survey Date | Mag Field | Accept Values? | Comments |
|---|---|---|---|---|---|---|---|---|---|---|
| 63 | -73.4 | 13.2 | 22.1 | 35.3 | ReflexEZS | Hytech | 6/18/2016 | 5756 | ☐ | Measured azimuth relative to magnetic north. Grid declination of 22.1 deg applied to correct to UTM azimuth. |
| 65 | -73.09213 | 31.89491 | 1.4 | 33.29491 | Gyro | Steve Bultitude | 6/23/2016 | | ☑ | 100 |
| 70 | -73.3507 | 32.1773 | 1.4 | 33.5773 | Gyro | Steve Bultitude | 6/23/2016 | | ☑ | 100 |
| 75 | -73.61475 | 32.62928 | 1.4 | 34.02928 | Gyro | Steve Bultitude | 6/23/2016 | | ☑ | 100 |
| 80 | -73.85801 | 32.95085 | 1.4 | 34.35085 | Gyro | Steve Bultitude | 6/23/2016 | | ☑ | 100 |
| 85 | -74.00857 | 33.25993 | 1.4 | 34.65993 | Gyro | Steve Bultitude | 6/23/2016 | | ☑ | 100 |
| 87 | -74.4 | 12.6 | 22.1 | 34.7 | ReflexEZS | Hytech | 6/18/2016 | 5785 | ☐ | Measured azimuth relative to magnetic north. Grid declination of 22.1 deg applied to correct to UTM azimuth. |
| 90 | -74.13384 | 33.37655 | 1.4 | 34.77655 | Gyro | Steve Bultitude | 6/23/2016 | | ☑ | 100 |
| 95 | -74.26418 | 33.78295 | 1.4 | 35.18295 | Gyro | Steve Bultitude | 6/23/2016 | | ☑ | 100 |
| 100 | -74.35838 | 33.82604 | 1.4 | 35.22604 | Gyro | Steve Bultitude | 6/23/2016 | | ☑ | 100 |
| 105 | -74.56237 | 33.73238 | 1.4 | 35.13238 | Gyro | Steve Bultitude | 6/23/2016 | | ☑ | 100 |
| 110 | -74.8762 | 33.96636 | 1.4 | 35.36636 | Gyro | Steve Bultitude | 6/23/2016 | | ☑ | 100 |
| 111 | -74.8 | 14.3 | 22.1 | 36.4 | ReflexEZS | Hytech | 6/18/2016 | 5779 | ☐ | Measured azimuth relative to magnetic north. Grid declination of 22.1 deg applied to correct to UTM azimuth. |
| 115 | -75.04633 | 35.07927 | 1.4 | 36.47927 | Gyro | Steve Bultitude | 6/23/2016 | | ☑ | 100 |
| 120 | -75.36986 | 35.50944 | 1.4 | 36.90944 | Gyro | Steve Bultitude | 6/23/2016 | | ☑ | 100 |
| 125 | -75.67408 | 36.455 | 1.4 | 37.855 | Gyro | Steve Bultitude | 6/23/2016 | | ☑ | 100 |
| 130 | -75.86377 | 37.24467 | 1.4 | 38.64467 | Gyro | Steve Bultitude | 6/23/2016 | | ☑ | 100 |
| 135 | -75.96922 | 37.73599 | 1.4 | 39.13599 | Gyro | Steve Bultitude | 6/23/2016 | | ☑ | 100 |
| 135.1 | -76.1 | 17.6 | 22.1 | 39.7 | ReflexEZS | Hytech | 6/18/2016 | 5788 | ☐ | Measured azimuth relative to magnetic north. Grid declination of 22.1 deg applied to correct to UTM azimuth. |
| 140 | -76.1123 | 38.04675 | 1.4 | 39.44675 | Gyro | Steve Bultitude | 6/23/2016 | | ☑ | 100 |
| 145 | -76.17968 | 38.3732 | 1.4 | 39.7732 | Gyro | Steve Bultitude | 6/23/2016 | | ☑ | 100 |
| 150 | -76.17385 | 38.69636 | 1.4 | 40.09636 | Gyro | Steve Bultitude | 6/23/2016 | | ☑ | 100 |
| 155 | -76.36944 | 39.47531 | 1.4 | 40.87531 | Gyro | Steve Bultitude | 6/23/2016 | | ☑ | 100 |
| 159 | -76.6 | 18.2 | 22.1 | 40.3 | ReflexEZS | Hytech | 6/19/2016 | 5790 | ☐ | Measured azimuth relative to magnetic north. Grid declination of 22.1 deg applied to correct to UTM azimuth. |
| 160 | -76.56198 | 40.1876 | 1.4 | 41.5876 | Gyro | Steve Bultitude | 6/23/2016 | | ☑ | 100 |
| 165 | -76.68183 | 40.46913 | 1.4 | 41.86913 | Gyro | Steve Bultitude | 6/23/2016 | | ☑ | 100 |
| 170 | -76.71694 | 41.19836 | 1.4 | 42.59836 | Gyro | Steve Bultitude | 6/23/2016 | | ☑ | 100 |
| 175 | -76.82612 | 41.72949 | 1.4 | 43.12949 | Gyro | Steve Bultitude | 6/23/2016 | | ☑ | 100 |
| 180 | -76.93936 | 42.42482 | 1.4 | 43.82482 | Gyro | Steve Bultitude | 6/23/2016 | | ☑ | 100 |
| 183 | -77 | 21.6 | 22.1 | 43.7 | ReflexEZS | Hytech | 6/19/2016 | 5788 | ☐ | Measured azimuth relative to magnetic north. Grid declination of 22.1 deg applied to correct to UTM azimuth. |

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| Depth (m) | Dip | Measured Azimuth | Correction Factor | Corrected Azimuth | Survey Type | Survey By | Survey Date | Mag Field | Accept Values? | Comments |
|---|---|---|---|---|---|---|---|---|---|---|
| 185 | -76.97674 | 42.76669 | 1.4 | 44.16669 | Gyro | Steve Bultitude | 6/23/2016 | | ☑ | 100 |
| 190 | -77.02928 | 43.49009 | 1.4 | 44.89009 | Gyro | Steve Bultitude | 6/23/2016 | | ☑ | 100 |
| 195 | -77.05851 | 44.38987 | 1.4 | 45.78987 | Gyro | Steve Bultitude | 6/23/2016 | | ☑ | 100 |
| 200 | -77.11172 | 44.91155 | 1.4 | 46.31155 | Gyro | Steve Bultitude | 6/23/2016 | | ☑ | 100 |
| 205 | -77.2526 | 45.20865 | 1.4 | 46.60865 | Gyro | Steve Bultitude | 6/23/2016 | | ☑ | 100 |
| 207 | -77.6 | 25 | 22.1 | 47.1 | ReflexEZS | Hytech | 6/19/2016 | 5788 | ☐ | Measured azimuth relative to magnetic north. Grid declination of 22.1 deg applied to correct to UTM azimuth. |
| 210 | -77.34684 | 45.75938 | 1.4 | 47.15938 | Gyro | Steve Bultitude | 6/23/2016 | | ☑ | 100 |
| 215 | -77.46252 | 46.42105 | 1.4 | 47.82105 | Gyro | Steve Bultitude | 6/23/2016 | | ☑ | 100 |
| 220 | -77.62468 | 46.4912 | 1.4 | 47.8912 | Gyro | Steve Bultitude | 6/23/2016 | | ☑ | 100 |
| 225 | -77.79075 | 47.45238 | 1.4 | 48.85238 | Gyro | Steve Bultitude | 6/23/2016 | | ☑ | 100 |
| 230 | -77.94517 | 48.0428 | 1.4 | 49.4428 | Gyro | Steve Bultitude | 6/23/2016 | | ☑ | 100 |
| 231 | -78 | 26.9 | 22.1 | 49 | ReflexEZS | Hytech | 6/19/2016 | 5812 | ☐ | Measured azimuth relative to magnetic north. Grid declination of 22.1 deg applied to correct to UTM azimuth. |
| 235 | -78.24769 | 48.99533 | 1.4 | 50.39533 | Gyro | Steve Bultitude | 6/23/2016 | | ☑ | 100 |
| 240 | -78.85291 | 51.01327 | 1.4 | 52.41327 | Gyro | Steve Bultitude | 6/23/2016 | | ☑ | 100 |
| 245 | -79.66593 | 53.08647 | 1.4 | 54.48647 | Gyro | Steve Bultitude | 6/23/2016 | | ☑ | 100 |
| 250 | -80.31416 | 55.96863 | 1.4 | 57.36863 | Gyro | Steve Bultitude | 6/23/2016 | | ☑ | 100 |
| 255 | -80.13673 | 52.11894 | 1.4 | 53.51894 | Gyro | Steve Bultitude | 6/23/2016 | | ☑ | 100 |
| 255.1 | -80.9 | 37.6 | 22.1 | 59.7 | ReflexEZS | Hytech | 6/20/2016 | 5774 | ☐ | Measured azimuth relative to magnetic north. Grid declination of 22.1 deg applied to correct to UTM azimuth. |
| 260 | -80.49578 | 50.50639 | 1.4 | 51.90639 | Gyro | Steve Bultitude | 6/23/2016 | | ☑ | 100 |
| 264 | -81.3 | 34.2 | 22.1 | 56.3 | ReflexEZS | Hytech | 6/20/2016 | 5776 | ☐ | Measured azimuth relative to magnetic north. Grid declination of 22.1 deg applied to correct to UTM azimuth. |
| 265 | -80.9798 | 52.15673 | 1.4 | 53.55673 | Gyro | Steve Bultitude | 6/23/2016 | | ☑ | 100 |
| 270 | -81.32236 | 53.01428 | 1.4 | 54.41428 | Gyro | Steve Bultitude | 6/23/2016 | | ☑ | 100 |
| 275 | -81.41224 | 53.95768 | 1.4 | 55.35768 | Gyro | Steve Bultitude | 6/23/2016 | | ☑ | 100 |
| 276 | -81.7 | 29.7 | 22.1 | 51.8 | ReflexEZS | Hytech | 6/20/2016 | 5754 | ☐ | Measured azimuth relative to magnetic north. Grid declination of 22.1 deg applied to correct to UTM azimuth. |
| 280 | -81.65922 | 54.80182 | 1.4 | 56.20182 | Gyro | Steve Bultitude | 6/23/2016 | | ☑ | 100 |
| 285 | -81.85617 | 55.1459 | 1.4 | 56.5459 | Gyro | Steve Bultitude | 6/23/2016 | | ☑ | 100 |
| 290 | -81.87922 | 56.27361 | 1.4 | 57.67361 | Gyro | Steve Bultitude | 6/23/2016 | | ☑ | 100 |
| 295 | -81.96795 | 56.56943 | 1.4 | 57.96943 | Gyro | Steve Bultitude | 6/23/2016 | | ☑ | 100 |
| 300 | -81.95525 | 56.74354 | 1.4 | 58.14354 | Gyro | Steve Bultitude | 6/23/2016 | | ☑ | 100 |
| 300.1 | -82.4 | 37.8 | 22.1 | 59.9 | ReflexEZS | Hytech | 6/21/2016 | 5793 | ☐ | Measured azimuth relative to magnetic north. Grid declination of 22.1 deg applied to correct to UTM azimuth. |

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**Project:** KZK **Hole Number:** K16-369

| Depth (m) | Dip | Measured Azimuth | Correction Factor | Corrected Azimuth | Survey Type | Survey By | Survey Date | Mag Field | Accept Values? | Comments |
|---|---|---|---|---|---|---|---|---|---|---|
| 303 | -82.3 | 38 | 22.1 | 60.1 | ReflexEZS | Hytech | 6/21/2016 | 5794 | ☐ | Measured azimuth relative to magnetic north. Grid declination of 22.1 deg applied to correct to UTM azimuth. |
| 305 | -82.09243 | 56.87879 | 1.4 | 58.27879 | Gyro | Steve Bultitude | 6/23/2016 | | ☑ | 100 |
| 309 | -82.2 | 37.2 | 22.1 | 59.3 | ReflexEZS | Hytech | 6/21/2016 | 5790 | ☐ | Measured azimuth relative to magnetic north. Grid declination of 22.1 deg applied to correct to UTM azimuth. |
| 310 | -82.25399 | 57.19964 | 1.4 | 58.59964 | Gyro | Steve Bultitude | 6/23/2016 | | ☑ | 100 |
| 315 | -82.32126 | 58.14341 | 1.4 | 59.54341 | Gyro | Steve Bultitude | 6/23/2016 | | ☑ | 100 |
| 320 | -82.48674 | 58.99015 | 1.4 | 60.39015 | Gyro | Steve Bultitude | 6/23/2016 | | ☑ | 100 |
| 325 | -82.72025 | 61.19595 | 1.4 | 62.59595 | Gyro | Steve Bultitude | 6/23/2016 | | ☑ | 100 |
| 330 | -82.89695 | 62.76594 | 1.4 | 64.16594 | Gyro | Steve Bultitude | 6/23/2016 | | ☑ | 100 |
| 335 | -82.99474 | 64.77516 | 1.4 | 66.17516 | Gyro | Steve Bultitude | 6/23/2016 | | ☑ | 100 |
| 339 | -83.4 | 48 | 22.1 | 70.1 | ReflexEZS | Hytech | 6/21/2016 | 5770 | ☐ | Measured azimuth relative to magnetic north. Grid declination of 22.1 deg applied to correct to UTM azimuth. |
| 340 | -83.0864 | 66.71295 | 1.4 | 68.11295 | Gyro | Steve Bultitude | 6/23/2016 | | ☑ | 100 |
| 345 | -83.20777 | 69.03396 | 1.4 | 70.43396 | Gyro | Steve Bultitude | 6/23/2016 | | ☑ | 100 |
| 350 | -83.25206 | 71.5177 | 1.4 | 72.9177 | Gyro | Steve Bultitude | 6/23/2016 | | ☑ | 100 |
| 355 | -83.33805 | 74.93805 | 1.4 | 76.33805 | Gyro | Steve Bultitude | 6/23/2016 | | ☑ | 100 |
| 360 | -83.45913 | 78.65414 | 1.4 | 80.05414 | Gyro | Steve Bultitude | 6/23/2016 | | ☑ | 100 |
| 363 | -83.8 | 64.4 | 22.1 | 86.5 | ReflexEZS | Hytech | 6/21/2016 | 5733 | ☐ | Measured azimuth relative to magnetic north. Grid declination of 22.1 deg applied to correct to UTM azimuth. |
| 365 | -83.51663 | 81.41515 | 1.4 | 82.81515 | Gyro | Steve Bultitude | 6/23/2016 | | ☑ | 100 |
| 370 | -83.47705 | 84.76902 | 1.4 | 86.16902 | Gyro | Steve Bultitude | 6/23/2016 | | ☑ | 100 |
| 375 | -83.55964 | 86.28744 | 1.4 | 87.68744 | Gyro | Steve Bultitude | 6/23/2016 | | ☑ | 100 |
| 380 | -83.72151 | 87.8876 | 1.4 | 89.2876 | Gyro | Steve Bultitude | 6/23/2016 | | ☑ | 100 |
| 385 | -83.85211 | 88.96603 | 1.4 | 90.36603 | Gyro | Steve Bultitude | 6/23/2016 | | ☑ | 100 |
| 387 | -83.9 | 60.4 | 22.1 | 82.5 | ReflexEZS | Hytech | 6/21/2016 | 6018 | ☐ | Measured azimuth relative to magnetic north. Grid declination of 22.1 deg applied to correct to UTM azimuth. |
| 390 | -83.86259 | 90.24789 | 1.4 | 91.64789 | Gyro | Steve Bultitude | 6/23/2016 | | ☑ | 100 |
| 395 | -83.79393 | 88.47271 | 1.4 | 89.87271 | Gyro | Steve Bultitude | 6/23/2016 | | ☑ | 100 |
| 400 | -83.83877 | 88.54874 | 1.4 | 89.94874 | Gyro | Steve Bultitude | 6/23/2016 | | ☑ | 100 |
| 405 | -83.78474 | 88.27314 | 1.4 | 89.67314 | Gyro | Steve Bultitude | 6/23/2016 | | ☑ | 100 |
| 410 | -83.85685 | 89.59012 | 1.4 | 90.99012 | Gyro | Steve Bultitude | 6/23/2016 | | ☑ | 100 |
| 411 | -83.9 | 70.5 | 22.1 | 92.6 | ReflexEZS | Hytech | 6/22/2016 | 5844 | ☐ | Measured azimuth relative to magnetic north. Grid declination of 22.1 deg applied to correct to UTM azimuth. |
| 415 | -83.73671 | 92.58932 | 1.4 | 93.98932 | Gyro | Steve Bultitude | 6/23/2016 | | ☑ | 100 |
| 420 | -83.82345 | 97.26138 | 1.4 | 98.66138 | Gyro | Steve Bultitude | 6/23/2016 | | ☑ | 100 |

| Depth (m) | Dip | Measured Azimuth | Correction Factor | Corrected Azimuth | Survey Type | Survey By | Survey Date | Mag Field | Accept Values? | Comments |
|---|---|---|---|---|---|---|---|---|---|---|
| 425 | -83.88616 | 101.77847 | 1.4 | 103.17847 | Gyro | Steve Bultitude | 6/23/2016 | | ☑ | 100 |
| 430 | -84.02896 | 104.46737 | 1.4 | 105.86737 | Gyro | Steve Bultitude | 6/23/2016 | | ☑ | 100 |
| 435 | -84.07609 | 108.69515 | 1.4 | 110.09515 | Gyro | Steve Bultitude | 6/23/2016 | | ☑ | 100 |
| 435.1 | -84.6 | 121.8 | 22.1 | 143.9 | ReflexEZS | Hytech | 6/22/2016 | 5626 | ☐ | Measured azimuth relative to magnetic north. Grid declination of 22.1 deg applied to correct to UTM azimuth. |
| 450 | -84.4 | 108.1 | 22.1 | 130.2 | ReflexEZS | Hytech | 6/22/2016 | 5784 | ☐ | Measured azimuth relative to magnetic north. Grid declination of 22.1 deg applied to correct to UTM azimuth. |

| From (m) | To (m) | Rocktype & Description | From (m) | To (m) | Width | Sample | Au ppm | Ag ppm | Cu % | Pb % | Zn % |
|---|---|---|---|---|---|---|---|---|---|---|---|

**0.00 4.50 OVBN Overburden**

**4.50 6.80 MDS Carbonaceous Mudstone & Tuffaceous Mudstone**

<<Min: 4.5 - 33.3 0.5% Min: Pyrite>>

<<Alt: 4.5 - 19.4 Moderate-Strong Calcite>>

**6.80 8.40 MAFt Mafic Volcaniclastics**

**8.40 19.40 MDS Carbonaceous Mudstone & Tuffaceous Mudstone**

<<Vein: 10.8 - 10.9 100% Quartz-Carbonate>> Deformed QZ-CA vein

<<Vein: 12.2 - 12.4 100% Quartz-Carbonate 60 deg. >> Massive QZ-CA vein

<<Struc: 14.5 - 15.1 Moderate-Strong Fault>>

**19.40 26.00 RHY undifferentiated rhyolite**

19.4 - 26: Large interval of a massive QZ-vein with 2 (50 cm and 1 m wide) intervals of RHYva and RHYcw respectively

<<Alt: 19.4 - 26 Weak Calcite>>

<<Vein: 19.4 - 20 100% Quartz 50 deg. >> Massive QZ vein

<<Vein: 20.7 - 23.5 100% Quartz>> Massive QZ vein

<<Vein: 24.4 - 26 100% Quartz>> Massive QZ vein

<<Struc: 20 - 20.15 Weak-Moderate Fault>>

<<Struc: 23.5 - 23.6 Weak-Moderate Fault>>

**26.00 33.30 MDS Carbonaceous Mudstone & Tuffaceous Mudstone**

<<Alt: 26 - 33.9 Trace Calcite>>

<<Struc: 33.2 - 33.9 Moderate Fault>>

| From (m) | To (m) | Rocktype & Description | From (m) | To (m) | Width | Sample | Au ppm | Ag ppm | Cu % | Pb % | Zn % |
|---|---|---|---|---|---|---|---|---|---|---|---|

**33.30 33.90 MDSt Rhyolite tuff dominant mudstone**

33.3 - 33.9: Faulted and ~gradational contact with the overlying Wind Lake?

<<Min: 33.3 - 80.8 0.5% Min: Pyrrhotite>>

**33.90 64.20 RHYva Coarse grained to ash tuff**

33.9 - 64.2: Local zones of RHYvl and SED, but too small to note

<<Alt: 33.9 - 80.8 Weak-Moderate Calcite>>

<<Vein: 36.3 - 36.9 80% Quartz>> Massive clear QZ vein

<<Struc: 33.9 - 34.7 Weak Fault>>

<<Struc: 34.7 - 37 Moderate-Strong Fault>>

<<Struc: 39.7 - 40 Weak Fault>>

<<Struc: 46.5 - 46.6 Weak Fault>>

<<Struc: 52.3 - 52.4 Weak Fault>>

<<Struc: 56.6 - 56.8 Weak Fault>>

<<Struc: 58.3 - 60.7 Weak Fault>>

**64.20 65.80 RHYc Rhyolite coherant volcanics**

**65.80 80.80 RHYvl Lapilli tuff**

65.8 - 80.8: Gradational lower margin with RHYi

<<Vein: 66.6 - 66.7 80% Quartz>> Deformed QZ vein in fault with minor smeared PY

<<Struc: 66.5 - 67.7 Weak-Moderate Fault>>

<<Struc: 71.06 - 71.07 Moderate dominant foliation>>

<<Struc: 76.5 - 76.6 Weak Fault>>

<<Struc: 78.2 - 78.21 Moderate dominant foliation>>

**80.80 95.50 RHYi Aphanitic Rhyolite (intrusion)**

<<Min: 80.8 - 102.3 1% Min: Pyrite>>

<<Alt: 80.8 - 95.5 Weak Calcite>> FRA

<<Vein: 87 - 89 10% Quartz>> Randomly oriented and deformed QZ veins

<<Struc: 93.8 - 94 Weak Fault>>

**95.50 97.20 RHYvl Lapilli tuff**

<<Alt: 95.5 - 97.2 Weak-Moderate Calcite>>

**97.20 102.30 RHYi Aphanitic Rhyolite (intrusion)**

| From (m) | To (m) | Rocktype & Description | From (m) | To (m) | Width | Sample | Au ppm | Ag ppm | Cu % | Pb % | Zn % |
|---|---|---|---|---|---|---|---|---|---|---|---|

<<Alt: 97.2 - 102.3 Weak Calcite>> FRA

<<Vein: 100.8 - 101.4 100% Quartz>> Massive QZ vein

**102.30 118.80 RHYvl Lapilli tuff**

102.3 - 118.8: Patchy disseminated BI

<<Min: 102.3 - 129.7 0.5% Min: Pyrrhotite>>

<<Alt: 102.3 - 129.7 Weak-Moderate Calcite>>

<<Struc: 107.67 - 107.68 Moderate dominant foliation>>

<<Struc: 115.35 - 115.36 Weak-Moderate dominant foliation>>

**118.80 121.00 PEL Equigranular biotite + calcite +/- quartz rock**

<<Vein: 120.53 - 120.56 100% Quartz-Carbonate>> QZ-CA vein

**121.00 129.70 RHYvl Lapilli tuff**

121 - 129.7: Gradational contacts

<<Struc: 122.02 - 122.03 Weak-Moderate dominant foliation>>

**129.70 131.20 RHYc Rhyolite coherant volcanics**

<<Min: 129.7 - 135.4 1% Min: Pyrite>>

<<Alt: 129.7 - 135.4 Weak Calcite>>

<<Vein: 129.85 - 130.2 100% Quartz>> Massive QZ vein

**131.20 134.10 RHYi Aphanitic Rhyolite (intrusion)**

**134.10 135.40 RHYc Rhyolite coherant volcanics**

**135.40 137.10 RHYv Rhyolite volcaniclastic**

<<Min: 135.4 - 147.6 0.5% Min: Pyrite>>

<<Alt: 135.4 - 147.1 Weak-Moderate Calcite>>

**137.10 147.10 RHYcw Curdy textured-flow banded (flows, subvolcanics)**

<<Struc: 145.5 - 147 Moderate Fault>>

**147.10 151.90 PEL Equigranular biotite + calcite +/- quartz rock**

<<Min: 147.6 - 151.9 1% Min: Pyrite>>

<<Alt: 147.1 - 151.9 Moderate Calcite>>

<<Vein: 147.8 - 148.5 100% Quartz>> Massive QZ vein

| From (m) | To (m) | Rocktype & Description | From (m) | To (m) | Width | Sample | Au ppm | Ag ppm | Cu % | Pb % | Zn % |
|---|---|---|---|---|---|---|---|---|---|---|---|

<<Struc: 149.11 - 149.12 Moderate dominant foliation>>

**151.90 160.50 RHYvl Lapilli tuff**

<<Min: 151.9 - 161.9 0.5% Min: Pyrite>>

<<Alt: 151.9 - 160.5 Weak-Moderate Calcite>>

<<Vein: 152 - 153.3 10% Quartz>> Deformed/folded QZ veins

<<Struc: 152.3 - 154.1 Weak Fault>>

<<Struc: 158.2 - 158.4 Weak Fault>>

**160.50 161.90 PEL Equigranular biotite + calcite +/- quartz rock**

<<Alt: 160.5 - 161.9 Moderate Calcite>>

**161.90 163.20 RHYc Rhyolite coherant volcanics**

<<Min: 161.9 - 233.6 1% Min: Pyrite>>

<<Min: 161.9 - 233.6 0.5% Min: Pyrrhotite>>

<<Alt: 161.9 - 264.1 Weak Calcite>>

**163.20 167.00 RHYif feldspar and quartz porphyry intrusions**

<<Vein: 164.3 - 167 30% Quartz>> Massive QZ vein with minor QZ-veins around it

**167.00 172.80 RHYvx Quartz and/or feldspar crystal tuff**

<<Struc: 167.38 - 167.39 Weak dominant foliation>>

**172.80 178.80 RHYcf Feldspar & feldspar quartz porphyry**

**178.80 184.40 RHYvl Lapilli tuff**

<<Struc: 179 - 179.8 Weak Fault>>

<<Struc: 181 - 181.4 Weak-Moderate Fault>>

**184.40 184.90 RHYvl Lapilli tuff**

**184.90 186.95 RHYvl Lapilli tuff**

**186.95 187.40 MAFi Mafic Intrusions (primarily footwall mafic intrusion)**

**187.40 190.40 RHYvl Lapilli tuff**

**190.40 194.60 RHYc Rhyolite coherant volcanics**

**194.60 202.50 RHYvl Lapilli tuff**

| From (m) | To (m) | Rocktype & Description | From (m) | To (m) | Width | Sample | Au ppm | Ag ppm | Cu % | Pb % | Zn % |
|---|---|---|---|---|---|---|---|---|---|---|---|

<<Struc: 195 - 195.01 Moderate dominant foliation>>

<<Struc: 196.7 - 201.1 Weak-Moderate Fault>>

<<Struc: 202.02 - 202.03 Moderate dominant foliation>>

**202.50 202.80 MAFi Mafic Intrusions (primarily footwall mafic intrusion)**

**202.80 207.20 RHYvl Lapilli tuff**

**207.20 207.70 RHYc Rhyolite coherant volcanics**

**207.70 218.00 RHYvl Lapilli tuff**

<<Struc: 213.87 - 213.88 Moderate dominant foliation>>

<<Struc: 216.8 - 216.9 Weak Fault>>

**218.00 224.10 RHYv Rhyolite volcaniclastic**

<<Struc: 218.79 - 218.8 Moderate dominant foliation>>

<<Struc: 222.5 - 222.51 Moderate dominant foliation>>

**224.10 225.30 PEL Equigranular biotite + calcite +/- quartz rock**

**225.30 230.10 RHYva Coarse grained to ash tuff**

<<Struc: 226.4 - 226.9 Weak Fault>>

**230.10 230.50 MAFi Mafic Intrusions (primarily footwall mafic intrusion)**

**230.50 233.00 RHYvl Lapilli tuff**

**233.00 233.60 MAFi Mafic Intrusions (primarily footwall mafic intrusion)**

**233.60 264.10 RHYvl Lapilli tuff**

<<Min: 233.6 - 264.1 0.5% Min: Pyrite>>

<<Min: 233.6 - 264.1 2% Min: Pyrrhotite>>

<<Alt: 233.6 - 286 Weak Muscovite>>

<<Struc: 236.63 - 236.64 Weak dominant foliation>>

<<Struc: 243.3 - 243.5 Weak Fault>>

<<Struc: 246.52 - 246.53 Weak-Moderate dominant foliation>>

<<Struc: 249.3 - 250.1 Weak Fault>>

<<Struc: 251.8 - 254.2 Weak Fault>>

<<Struc: 255.9 - 255.91 Weak-Moderate dominant foliation>>

| From (m) | To (m) | Rocktype & Description | From (m) | To (m) | Width | Sample | Au ppm | Ag ppm | Cu % | Pb % | Zn % |
|---|---|---|---|---|---|---|---|---|---|---|---|

<<Struc: 256.1 - 256.8 Weak-Moderate Fault>>

<<Struc: 256.6 - 257.3 Weak-Moderate Fault>>

<<Struc: 259.8 - 260.1 Weak Fault>>

<<Struc: 260.6 - 260.8 Weak Fault>>

**264.10 275.30 RHYva Coarse grained to ash tuff**

<<Min: 264.1 - 275.3 5% Min: Pyrrhotite>>

<<Struc: 272.57 - 272.58 Weak dominant foliation>>

**275.30 276.30 MAFi Mafic Intrusions (primarily footwall mafic intrusion) brown**

<<Min: 275.3 - 331.2 2% Min: Pyrrhotite>>

**276.30 278.30 RHYvl Lapilli tuff**

**278.30 278.90 MAFi Mafic Intrusions (primarily footwall mafic intrusion) brown**

**278.90 279.80 RHYvl Lapilli tuff**

**279.80 280.20 MAFi Mafic Intrusions (primarily footwall mafic intrusion) brown**

**280.20 289.70 RHYv Rhyolite volcaniclastic**

280.2 - 289.7: Altered fine grained volcaniclastic (?) rhyolite

<<Alt: 286 - 301 Weak Muscovite>>

<<Struc: 281.26 - 281.27 Weak-Moderate dominant foliation>>

<<Struc: 282.2 - 283.9 Moderate Fault>>

<<Struc: 289 - 290 Moderate Fault>>

**289.70 301.00 RHYcw Curdy textured-flow banded (flows, subvolcanics)**

<<Struc: 292.5 - 292.8 Weak Fault>>

<<Struc: 298.78 - 298.79 Weak-Moderate dominant foliation>>

**301.00 331.20 RHYv Rhyolite volcaniclastic**

301 - 331.2: Altered rhyolite with pervasive MU-cleavages and siliceous microlithons

<<Alt: 301 - 368.5 Moderate-Strong Muscovite>>

<<Vein: 302.5 - 303.1 100% Quartz>> Massive QZ vein

<<Vein: 311.4 - 312.2 5% Quartz>> Minor QZ veins

| From (m) | To (m) | Rocktype & Description | From (m) | To (m) | Width | Sample | Au ppm | Ag ppm | Cu % | Pb % | Zn % |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | <<Vein: 314.4 - 314.6 20% Quartz>> Randomly oriented QZ veins | | | | | | | | | |
| | | <<Vein: 322.2 - 322.4 80% Quartz>> Massive QZ vein | | | | | | | | | |
| | | <<Struc: 301 - 307 Weak-Moderate Fault>> | | | | | | | | | |
| | | <<Struc: 307.3 - 307.31 Moderate dominant foliation>> | | | | | | | | | |
| | | <<Struc: 316.48 - 316.49 Moderate dominant foliation>> | | | | | | | | | |
| | | <<Struc: 320.76 - 320.77 Moderate-Strong dominant foliation>> | | | | | | | | | |
| **331.20** | **334.10** | **OI Heavilly disseminated sulphides in host schist** | | | | | | | | | |
| | | 331.2 - 334.1: Heavily disseminated PY in altered rhyolite host | | | | | | | | | |
| | | <<Min: 331.2 - 334.1 15% Min: Pyrite>> | | | | | | | | | |
| **334.10** | **338.00** | **RHYc Rhyolite coherant volcanics** | | | | | | | | | |
| | | 334.1 - 338: MU-altered rhyolite with blebby to wavy siliceous bands | | | | | | | | | |
| | | <<Min: 334.1 - 368.5 5% Min: Pyrrhotite>> | | | | | | | | | |
| **338.00** | **353.10** | **RHYvl Lapilli tuff** | | | | | | | | | |
| | | 338 - 353.1: Strongly MU-altered rhyolite with MU-cleavages, siliceous microlithons, and PO lpl | | | | | | | | | |
| | | <<Struc: 339.46 - 339.47 Moderate dominant foliation>> | | | | | | | | | |
| | | <<Struc: 346.4 - 346.41 Moderate dominant foliation>> | | | | | | | | | |
| | | <<Struc: 349.17 - 349.18 Moderate dominant foliation>> | | | | | | | | | |
| | | <<Struc: 352.82 - 352.83 Moderate dominant foliation>> | | | | | | | | | |
| **353.10** | **369.20** | **RHYc Rhyolite coherant volcanics** | 366.20 | 367.70 | 1.50 | B00291899 | -0.005 | 1 | 0.01 | 0.01 | 0.06 |
| | | 353.1 - 369.2: Blebby to wavy siliceous bands with MU-groundmass/cleavages. | | | | | | | | | |
| | | <<Min: 368.5 - 369.2 2% Min: Sphalerite>> | 367.70 | 369.20 | 1.50 | B00291901 | 0.012 | 2.1 | 0.08 | 0.01 | 0.12 |
| | | <<Min: 368.5 - 369.2 1% Min: Pyrite>> | | | | | | | | | |
| | | <<Min: 368.5 - 369.2 2% Min: Pyrrhotite>> | | | | | | | | | |
| | | <<Min: 368.5 - 369.2 2% Min: Chalcopyrite>> | | | | | | | | | |
| | | <<Alt: 368.5 - 369.2 Intense Muscovite>> | | | | | | | | | |
| | | <<Alt: 368.5 - 372.8 Trace Calcite>> | | | | | | | | | |
| | | <<Vein: 366.45 - 366.6 100% Quartz-Carbonate>> Massive QZ-carb vein with minor disseminated GL+SP+CP | | | | | | | | | |
| | | <<Vein: 368.7 - 369.1 100% Quartz>> Massive QZ-carbonate vein with recrystalized blebby cgr SP+PO+CP | | | | | | | | | |
| | | <<Struc: 358.23 - 358.24 Moderate dominant foliation>> | | | | | | | | | |
| | | <<Struc: 363.35 - 363.36 Weak dominant foliation>> | | | | | | | | | |

| From (m) | To (m) | Rocktype & Description | From (m) | To (m) | Width | Sample | Au ppm | Ag ppm | Cu % | Pb % | Zn % |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | <<Struc: 367.55 - 367.56 Moderate dominant foliation>> | | | | | | | | | |
| **369.20** | **369.70** | **OF** **Pyrrhotite rich sulphides** | 369.20 | 369.70 | 0.50 | B00291902 | 0.013 | 57.7 | 0.76 | 0.85 | 8.86 |
| | | 369.2 - 369.7: Massive PO with blebby CP and disseminated MG+CL+MU | | | | | | | | | |
| | | <<Min: 369.2 - 369.7 5% Min: Sphalerite>> | | | | | | | | | |
| | | <<Min: 369.2 - 369.7 5% Min: Pyrite>> | | | | | | | | | |
| | | <<Min: 369.2 - 369.7 75% Min: Pyrrhotite>> | | | | | | | | | |
| | | <<Min: 369.2 - 369.7 5% Min: Magnetite>> | | | | | | | | | |
| | | <<Min: 369.2 - 369.7 1% Min: Galena>> | | | | | | | | | |
| | | <<Min: 369.2 - 369.7 2% Min: Chalcopyrite>> | | | | | | | | | |
| | | <<Alt: 369.2 - 369.7 Moderate Muscovite>> | | | | | | | | | |
| | | <<Alt: 369.2 - 372.8 Moderate Chlorite>> | | | | | | | | | |
| **369.70** | **370.20** | **OJ** **Heavilly disseminated sulphides and/or stringer style mineralization in proximal altered rock** | 369.70 | 370.20 | 0.50 | B00291903 | -0.005 | 10.3 | 0.14 | 0.18 | 0.88 |
| | | 369.7 - 370.2: Disseminated CL-after-CI in intensely MU-altered rhyolite (?) with disseminated PO+PY. | | | | | | | | | |
| | | <<Min: 369.7 - 370.2 5% Min: Pyrite>> | | | | | | | | | |
| | | <<Min: 369.7 - 370.2 10% Min: Pyrrhotite>> | | | | | | | | | |
| | | <<Min: 369.7 - 370.2 1% Min: Chalcopyrite>> | | | | | | | | | |
| | | <<Alt: 369.7 - 370.2 Intense Muscovite>> | | | | | | | | | |
| **370.20** | **370.65** | **OF** **Pyrrhotite rich sulphides** | 370.20 | 370.65 | 0.45 | B00291904 | 0.011 | 44.4 | 0.22 | 0.87 | 8.23 |
| | | 370.2 - 370.65: Massive PO with disseminated CL+MU+MG and blebby PY+/-CP. | | | | | | | | | |
| | | <<Min: 370.2 - 370.65 5% Min: Sphalerite>> | | | | | | | | | |
| | | <<Min: 370.2 - 370.65 10% Min: Pyrite>> | | | | | | | | | |
| | | <<Min: 370.2 - 370.65 70% Min: Pyrrhotite>> | | | | | | | | | |
| | | <<Min: 370.2 - 370.65 2% Min: Magnetite>> | | | | | | | | | |
| | | <<Min: 370.2 - 370.65 1% Min: Galena>> | | | | | | | | | |
| | | <<Min: 370.2 - 370.65 1% Min: Chalcopyrite>> | | | | | | | | | |
| | | <<Alt: 370.2 - 370.65 Moderate Muscovite>> | | | | | | | | | |
| | | <<Vein: 370.4 - 372.8 20% Quartz-Carbonate>> Zone with fractured QZ-carb +/- disseminated sulfides veins | | | | | | | | | |

| From (m) | To (m) | Rocktype & Description | From (m) | To (m) | Width | Sample | Au ppm | Ag ppm | Cu % | Pb % | Zn % |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **370.65** | **372.80** | **OI** **Heavilly disseminated sulphides in host schist** | 370.65 | 372.00 | 1.35 | B00291905 | -0.005 | 21.4 | 0.08 | 0.35 | 4.38 |
| 370.65 - 372.8: Heavily disseminated to blebby PO+PY+/-CP with disseminated CL-after-CI and intense MU-alteration. | | | | | | | | | | | |
| <<Min: 370.65 - 372.8 3% Min: Sphalerite>> | | | 372.00 | 372.80 | 0.80 | B00291906 | -0.005 | 3.5 | 0.04 | 0.06 | 0.8 |
| <<Min: 370.65 - 372.8 10% Min: Pyrite>> | | | | | | | | | | | |
| <<Min: 370.65 - 372.8 20% Min: Pyrrhotite>> | | | | | | | | | | | |
| <<Min: 370.68 - 372.8 0.5% Min: Chalcopyrite>> | | | | | | | | | | | |
| <<Alt: 370.65 - 372.8 Strong Muscovite>> | | | | | | | | | | | |
| **372.80** | **385.00** | **RHY** **undifferentiated rhyolite** | 372.80 | 374.30 | 1.50 | B00291907 | -0.005 | 0.5 | -0.01 | -0.01 | 0.02 |
| 372.8 - 385: Strongly MU and/or CL-CI altered undifferentiated rhyolite | | | | | | | | | | | |
| <<Min: 372.8 - 381.3 1% Min: Pyrite>> | | | 374.30 | 375.80 | 1.50 | B00291908 | -0.005 | -0.3 | -0.01 | -0.01 | 0.01 |
| <<Min: 372.8 - 381.3 1% Min: Pyrrhotite>> | | | 379.00 | 380.50 | 1.50 | B00291909 | -0.005 | -0.3 | -0.01 | -0.01 | -0.01 |
| <<Min: 381.3 - 385 0.5% Min: Sphalerite>> | | | 380.50 | 382.00 | 1.50 | B00291911 | 0.063 | 6.2 | 0.18 | 0.05 | 2.1 |
| <<Min: 381.3 - 385 2% Min: Pyrite>> | | | 382.00 | 383.50 | 1.50 | B00291912 | 0.02 | 12.4 | 0.05 | 0.28 | 0.88 |
| <<Min: 381.3 - 385 2% Min: Pyrrhotite>> | | | 383.50 | 385.00 | 1.50 | B00291913 | -0.005 | 3 | 0.01 | 0.06 | 0.21 |
| <<Alt: 372.8 - 382.8 Strong Muscovite>> | | | | | | | | | | | |
| <<Alt: 372.8 - 392.7 Trace Calcite>> | | | | | | | | | | | |
| <<Alt: 381.3 - 385 Weak Chlorite>> | | | | | | | | | | | |
| <<Alt: 382.8 - 385 Intense Muscovite>> | | | | | | | | | | | |
| <<Vein: 375 - 375.9 100% Quartz>> Massive QZ vein with patchy TML | | | | | | | | | | | |
| <<Vein: 383.4 - 383.6 20% Quartz>> Minor QZ veins with diss sulfides | | | | | | | | | | | |
| <<Struc: 379.7 - 379.8 Weak Fault>> | | | | | | | | | | | |
| <<Struc: 380 - 380.8 Moderate Fault>> | | | | | | | | | | | |
| **385.00** | **386.00** | **OA** **Laminar or heavilly disseminated magnetite bearing massive sulphide** | 385.00 | 386.00 | 1.00 | B00291914 | 0.159 | 79.9 | 0.57 | 0.44 | 7.75 |
| <<Min: 385 - 386 60% Min: Pyrite>> | | | | | | | | | | | |
| <<Min: 385 - 386 20% Min: Pyrrhotite>> | | | | | | | | | | | |
| <<Min: 385 - 386 15% Min: Magnetite>> | | | | | | | | | | | |
| <<Min: 385 - 386 3% Min: Chalcopyrite>> | | | | | | | | | | | |

| From (m) | To (m) | Rocktype & Description | From (m) | To (m) | Width | Sample | Au ppm | Ag ppm | Cu % | Pb % | Zn % |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **386.00** | **386.75** | **OJ** **Heavilly disseminated sulphides and/or stringer style mineralization in proximal altered rock** | 386.00 | 386.75 | 0.75 | B00291915 | 0.373 | 30.2 | 0.65 | 0.13 | 5.96 |
| 386 - 386.75: Cgr disseminated sulfides in intense CL alteration with cgr Cl porphyroblasts | | | | | | | | | | | |
| <<Min: 386 - 386.75 10% Min: Pyrite>> | | | | | | | | | | | |
| <<Min: 386 - 386.75 2% Min: Chalcopyrite>> | | | | | | | | | | | |
| <<Alt: 386 - 386.75 Strong Chlorite>> | | | | | | | | | | | |
| <<Alt: 386 - 386.75 Moderate Cordierite>> | | | | | | | | | | | |
| **386.75** | **387.75** | **OA** **Laminar or heavilly disseminated magnetite bearing massive sulphide** | 386.75 | 387.75 | 1.00 | B00291916 | 2.03 | 115 | 2.74 | 0.47 | 18.5 |
| <<Min: 386.75 - 387.75 5% Min: Sphalerite>> | | | | | | | | | | | |
| <<Min: 386.75 - 387.75 70% Min: Pyrite>> | | | | | | | | | | | |
| <<Min: 386.75 - 387.75 20% Min: Magnetite>> | | | | | | | | | | | |
| <<Min: 386.75 - 387.75 3% Min: Chalcopyrite>> | | | | | | | | | | | |
| <<Alt: 386.75 - 388.25 Strong Chlorite>> | | | | | | | | | | | |
| <<Struc: 387.66 - 387.67 Moderate dominant foliation>> | | | | | | | | | | | |
| **387.75** | **388.25** | **OC** **Chalcopyrite-pyrrhotite net textured sulphides** | 387.75 | 388.25 | 0.50 | B00291917 | 3.35 | 221 | 7.78 | 0.48 | 19 |
| 387.75 - 388.25: CP-PO massive sulfide with local CL and net-texture. Heavily disseminated MG throughout. | | | | | | | | | | | |
| <<Min: 387.75 - 388.25 5% Min: Sphalerite>> | | | | | | | | | | | |
| <<Min: 387.75 - 388.25 15% Min: Pyrite>> | | | | | | | | | | | |
| <<Min: 387.75 - 388.25 25% Min: Pyrrhotite>> | | | | | | | | | | | |
| <<Min: 387.75 - 388.25 10% Min: Magnetite>> | | | | | | | | | | | |
| <<Min: 387.75 - 388.25 15% Min: Chalcopyrite>> | | | | | | | | | | | |
| <<Alt: 387.75 - 388.25 Weak Cordierite>> | | | | | | | | | | | |
| **388.25** | **392.90** | **OA** **Laminar or heavilly disseminated magnetite bearing massive sulphide** | 388.25 | 389.50 | 1.25 | B00291918 | 1.27 | 245 | 2.27 | 1.63 | 11.9 |
| 388.25 - 392.9: Wispy Magnetite OA. Local band of OF at lower contact (~20 cm). | | | | | | | | | | | |
| <<Min: 388.25 - 392.7 2% Min: Sphalerite>> | | | 389.50 | 390.60 | 1.10 | B00291919 | 0.341 | 34.9 | 0.57 | 0.17 | 14.2 |

| From (m) | To (m) | Rocktype & Description |
|---|---|---|
| <<Min: 388.25 - 392.7 70% Min: Pyrite>> | | |
| <<Min: 388.25 - 392.7 20% Min: Magnetite>> | | |
| <<Min: 388.25 - 392.7 1% Min: Chalcopyrite>> | | |
| <<Min: 392.7 - 392.9 95% Min: Pyrrhotite>> | | |
| <<Min: 392.7 - 392.9 2% Min: Chalcopyrite>> | | |
| <<Alt: 392.7 - 415.4 Weak Calcite>> | | |
| <<Struc: 391.1 - 391.11 Moderate dominant foliation>> | | |
| **392.90** | **415.40** | **RHYv Rhyolite volcaniclastic** |
| 392.9 - 415.4: Mixed fgr ashy (?) tuff and lpl tuff. Weak-moderate MU-alteration. | | |
| <<Min: 392.9 - 450 0.5% Min: Pyrite>> | | |
| <<Min: 392.9 - 450 1% Min: Pyrrhotite>> | | |
| <<Alt: 392.9 - 399 Moderate Muscovite>> | | |
| <<Alt: 399 - 413.7 Weak Muscovite>> | | |
| <<Alt: 413.7 - 418 Moderate Muscovite>> | | |
| <<Vein: 396 - 396.5 50% Quartz-Albite>> Fractured massive QZ-carb vein | | |
| <<Vein: 406.5 - 407.8 10% Quartz-Carbonate>> Massive QZ-carb veins in fault gouge | | |
| <<Struc: 393.3 - 393.6 Weak-Moderate Fault>> | | |
| <<Struc: 394 - 394.5 Weak-Moderate Fault>> | | |
| <<Struc: 396.8 - 397.1 Moderate Fault>> | | |
| <<Struc: 399.3 - 400 Weak Fault>> | | |
| <<Struc: 406.4 - 407 Weak-Moderate Fault>> | | |
| <<Struc: 413.35 - 413.36 Weak-Moderate dominant foliation>> | | |
| **415.40** | **428.00** | **RHYvx Quartz and/or feldspar crystal tuff** |
| 415.4 - 428: QZ eyes and BI-CL-CA lpl tuff. Weak MU-alteration. | | |
| <<Alt: 415.4 - 428 Weak-Moderate Calcite>> | | |
| <<Struc: 425.26 - 425.27 Weak-Moderate dominant foliation>> | | |
| **428.00** | **430.50** | **MAFi Mafic Intrusions (primarily footwall mafic intrusion) brown** |
| <<Alt: 428 - 430.5 Moderate Calcite>> | | |

| From (m) | To (m) | Width | Sample | Au ppm | Ag ppm | Cu % | Pb % | Zn % |
|---|---|---|---|---|---|---|---|---|
| 390.60 | 391.70 | 1.10 | B00291921 | 0.223 | 54.3 | 0.46 | 0.22 | 7.69 |
| 391.70 | 392.90 | 1.20 | B00291922 | 0.139 | 59.7 | 0.41 | 0.3 | 14.5 |
| 392.90 | 394.40 | 1.50 | B00291923 | -0.005 | 1.5 | -0.01 | 0.01 | 0.07 |
| 394.40 | 395.90 | 1.50 | B00291924 | -0.005 | -0.3 | 0.06 | 0.01 | 0.03 |
| 395.90 | 397.40 | 1.50 | B00291925 | -0.005 | 0.8 | -0.01 | 0.02 | 0.01 |
| 397.40 | 398.90 | 1.50 | B00291926 | -0.005 | 0.6 | -0.01 | 0.02 | 0.01 |

| From (m) | To (m) | Rocktype & Description | From (m) | To (m) | Width | Sample | Au ppm | Ag ppm | Cu % | Pb % | Zn % |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **430.50** | **450.00** | **RHYvx** **Quartz and/or feldspar crystal tuff** | | | | | | | | | |
| 430.5 - 450: QZ eyes and BI-CL-CA lpl tuff. Weak MU-alteration. | | | | | | | | | | | |
| <<Alt: 430.5 - 450 Weak-Moderate Calcite>> | | | | | | | | | | | |
| <<Struc: 446.29 - 446.3 Weak dominant foliation>> | | | | | | | | | | | |
| <<Struc: 447 - 448.2 Moderate Fault>> | | | | | | | | | | | |
| **End of Hole @ 450** | | | | | | | | | | | |