| Geology | | | | | | | |
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| From (m) | To (m) | Rock | Colour | Sulphide % | Fo | Sulphide type | Description |
| 19.7 | 24.7 | CLAY | B1 | 0.05 | - | - | Light brown to beige clay/silt/ilmenite with small rounded quartz clasts. 70% clay, 20% silt and 10% quartz clasts. Core extremely broken. Strongly weathered core. Base of oxidation at 29.4m Tri-cone used from 0 m to 19.7m, no core recovery. |
| 24.7 | 26.7 | BASALT | N | 0.05 | - | - | Medium grained black basalt. Slightly vesicular with fine pyroxene crystals. Slightly magnetic core. Minor zeolite/carbonate veinlets and in fills. |
| 26.7 | 29.4 | SAND | B2 | 0.05 | - | - | Weathered medium to coarse quartz sandstone, predominately qtz with minor clays. Unconsolidated sand form 7-29.2 m. Large core loss. sandstone from 29.2-29.4m. |
| 29.4 | 30.6 | SANDSTONE | A5 | 0.05 | - | - | Weathered dark brown medium to coarse sandstone with silty layers. Abundant chlorite present and minor vesicular rounded pumice clasts. Not magnetic. 'Grey Billy sandstone' |
| 30.6 | 30.7 | QUARTZ | W1 | 0.05 | - | Py | Small quartz vein with minor sulphide. Core fairly broken and leached. |
| 30.7 | 32.1 | SCHIST | G3 | 10 | | Py | Dark grey finely laminated mica-quartz schist. Abundant disseminated Py along foliation and in veinlets. Slightly leached with boudinage qtz veins. Numerous small shears. |
| 32.1 | 32.2 | FAULT | | 1 | - | Py | Small puggy fault zone, core extremely broken, minor sulphides. |
| 32.2 | 34.9 | SCHIST | G3 | 10 | | Py | Dark grey finely laminated mica-quartz schist. Abundant disseminated Py along foliation and in veinlets. Slightly leached with boudinage qtz veins. Numerous small shears. |
| 34.9 | 44.5 | SCHIST | G3 | 0.05 | 48 | Py | Dark grey finely laminated mica-quartz schist. Core is slightly leached in sheared zones. Numerous small shears. Minor Crab and Qtz veins with trace sulphides. Minor carbonate replacement along foliation. |
| 44.5 | 47.7 | SCHIST | G1 | 1 | 45 | Py | Light grey finely laminated micaceous schist, with minor Py disseminated along foliation and in veinlets. Minor carb replacement along foliation. Slightly leached core. |
| 47.7 | 49.5 | SCHIST | G1 | 10 | | Py | Light grey finely laminated micaous schist, with sulphide veins and veinlets. Minor carb replacement along foliation. Slightly leached core. Disrupted foliation. |
| 49.5 | 50.6 | FAULT/ MASSIVE SULPHIDE | M | 50+ | | Py | Brecciaed massive sulphide replaced fault zone. Abundant Py present. Abundant schist, quartz and carb fragments in a pyritic matrix. Pyrite cubes upto 0.5cm. Minor boudinage Qtz/Carb veinlets. Core healed. No magnetite present. |
| 50.6 | 52.1 | SCHIST | G1 | 1 | 55 | Py | Light grey finely laminated micaous schist, with sulphide veinlets Minor carb replacement along foliation. Slightly leached core and disrupted foliation. |
| 52.1 | 52.2 | FAULT | | 1 | | Py | Small puggy fault zone, core extremely broken, minor sulphides. Abundant quartz and carbonate veins. |

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| 52.2 | 54.5 | SCHIST | G1 | 1 | 55 | Py | Light grey finely laminated micaous schist, with sulphide veinlets. Abundant carb alteration/replacement along foliation. Slightly leached core and disrupted foliation. Minor boudinage Qtz/Carb veinlets. |
| 54.5 | 55 | FAULT/ MASSIVE SULPHIDE | M | 50+ | | Py | Brecciaed, massive sulphide replaced, fault zone. Abundant Py present. Abundant quartz and carb fragments in a pyritic matrix. Minor haematite present. Core has been healed. |
| 55 | 62.7 | SANDSTONE | G2 | 10 | | Py | Interbedded quartz sandstone with minor silty layers. Minor disseminated and veinlets of pyrite. Core tends to be slightly leached with vuggy veins. Abundant Carb and Qtz veinlets 10%. No visible Cpy. |
| 62.7 | 64.7 | BANDED MASSIVE SULPHIDE | M | 40+ | | PyCpy | Banded massive sulphide. 35% pyrite, 25% Carbonate, 25% magnetite, 10% Chlorite and fine grained chalcopyrite 1%. Fine disseminated sulphides are aligned along foliation. Minor ruby red haematite. Extremely magnetic. Disrupted foliation. |
| 64.7 | 65.4 | FAULT | G1 | 10 | | PyCpy | Small quartz, carbonate and mica schist fault zone. Minor sulphides present. Fairly broken core. Some core loss 0.4m. |
| 65.4 | 66.1 | SCHIST | G3 | 2 | 35 | PyCpy | Finely laminated mica-chlorite schist. Minor disseminated pyrite along foliation. Abundant Py and minor Cpy within Qtz and Carb veinlets. No magnetite present. |
| 66.1 | 68 | FAULT/ MASSIVE SULPHIDE | M | 40+ | | PyCpy | Brecciaed, massive sulphide replaced, fault zone. 35% Pyrite, 30% carbonate, 15% magnetite, 10% quartz, 8% chlorite-mica schist fragments and 2% Cpy. Abundant quartz and carb veins. Minor haematite present. Core has been healed. |
| 68 | 74.3 | SCHIST | G3 | 5 | | PyCpy | Finely laminated mica-chlorite schist. Abundant disseminated pyrite along foliation. Abundant Py and minor Cpy within Qtz and Carb veinlets. Minor magnetite present in last 1m interval. Increase in sulphides from 71-74.3m. |
| 74.3 | 76.1 | BANDED MASSIVE SULPHIDE | M | 25+ | | PyCpy | Banded massive sulphide. 20% pyrite, 35% Carbonate, 30% magnetite, 10% Chlorite and fine grained visual chalcopyrite 2%. Fine disseminated sulphides are aligned along foliation. Minor ruby red haematite. Extremely magnetic. Disrupted foliation. |
| 76.1 | 77.2 | SANDSTONE | G3 | 5 | | Py | Interbedded quartz sandstone with abundant chlorite. Minor disseminated and veinlets of pyrite. Core tends to be slightly leached with vugs. Abundant Carb veinlets. No visible Cpy. Minor magnetite. |
| 77.2 | 79.6 | BANDED MASSIVE SULPHIDE | M | 45+ | 78m-38 | PyCpy | Banded massive sulphide. 40% pyrite, 20% Chlorite, 20% magnetite, 10% Carbonate and fine grained chalcopyrite 2%. Fine disseminated sulphides are aligned along foliation. Minor ruby red haematite. Extremely magnetic. Disrupted foliation. |
| 79.6 | 83 | SANDSTONE | G3 | 10 | | PyCpy | Interbedded quartz-chlorite sandstone with bands of 10cm disseminated and veins of pyrite. Core tends to be slightly leached with vugs. Abundant Carb veinlets. Minor Cpy present. Minor magnetite. |
| 83 | 87.7 | BANDED | M | 35+ | 85.3m-64 | PyCpy | Banded massive sulphide. 35% pyrite, 20% chlorite, 20% magnetite, |

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| | | MASSIVE SULPHIDE | | | | | 10% carbonate and fine grained chalcopyrite 2%. Fine disseminated sulphides are aligned along foliation. Minor ruby red haematite. Extremely magnetic. Relic foliation visible. |
| 87.7 | 90.4 | SANDSTONE /BRECCIATED | G3 | 10 | | PyCpy | Interbedded quartz-carbonate sandstone with small bands of disseminated and veins of pyrite. Core tends to be slightly leached and brecciaed with vugs. Abundant carbonate and quartz veins. Minor Cpy present. Minor magnetite. |
| 90.4 | 95 | BANDED MASSIVE SULPHIDE | M | 35+ | | PyCpy | Banded massive sulphide. 35% pyrite, 20% magnetite, 10% Chlorite, 10% carbonate, 10% quartz and 2% chalcopyrite veinlets. Finely disseminated and stockwork sulphides are aligned along foliation Minor disseminated ruby red haematite. Extremely magnetic bands of magnetite. |
| 95 | 98.2 | SCHIST /BRECCIATED | G3 | 15 | | PyCpy | Finely laminated mica schist with abundant sulphides. Brecciaed quartz-carbonate veins with abundant bands of disseminated and veins of pyrite. Extremely leached with vugs. Minor Cpy present. Minor magnetite. |
| 98.2 | 103.4 | SCHIST | A2 | 5 | | Py | Dark grey finely laminated mica schist. Abundant quartz and carbonate veins. Core is extremely sheared with abundant graphitic black surfaces. Abundant pyritic veinlets. Beds have been disrupted. |
| 103.4 | 105 | FAULT | A3 | 5 | 103m-33 | Py | Large puggy and brittle fault zone. Abundant clay breccia with clasts of quartz and carbonate and micaceous schist. Abundant carbonate and quartz veins. Core is extremely brittle and leached with numerous shears. Graphitic joint faces. Minor sulphides. |
| 105 | 107.9 | BANDED MASSIVE SULPHIDE | M/C2 | 35+ | | PyCpy | Banded massive sulphide with carbonate beds. 30% pyrite, 30% Carbonate, 15% quartz, 15% magnetite and 1% chalcopyrite. Core is slightly leached with small vugs. Abundant carbonate zones with minor sulphide. Disseminated and stockworked sulphides aligned along foliation. Minor ruby red haematite with magnetite veinlets |
| 107.9 | 109.5 | SANDSTONE | | 5+ | | PyCpy | Interbedded quartz-carbonate sandstone with small bands of disseminated and veinlets of pyrite and trace Cpy. Core tends to be slightly leached with small vugs. Carbonate and silica alteration. |
| 109.5 | 115.5 | BANDED MASSIVE SULPHIDE | M/C2 | 40 | 111.7m-57 | PyCpy | Banded massive sulphide with magnetite and carbonate. 35% pyrite, 20% magnetite, 20% carbonate, 10% haematite, 10% quartz and 2% chalcopyrite, minor chlorite present. Core is slightly leached with small vugs. Disseminated sulphides are aligned along foliation and in small veinlets. Cpy visible in qtz veinlets. Minor ruby red haematite with magnetite veinlets. Boudinage Carb and Qtz clasts. |
| 115.5 | 128.2 | SANDSTONE | G3 | 15 | 50 | PyCpy | Dark green quartz-chlorite sandstone. Abundant disseminated and bands of pyrite, magnetite and haematite bands. Abundant silica alteration and carbonate veinlets. Around 15% pyrite, trace Cpy. 125m-128.2m heavily carbonate |

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| | | | | | | | altered less silica alteration. |
| 128.2 | 136.9 | BANDED MASSIVE SULPHIDE | M | 55 | 30 | PyCpy | Banded massive sulphide with magnetite bands. 55% pyrite, 30% magnetite, 10% carbonate and 1% chalcopyrite. Core is slightly leached with small vugs in carbonate. Beds tend to be disrupted with abundant qtz and carb veinlets. Cpy visible in qtz and carbonate veinlets. Minor ruby red haematite with magnetite veinlets. Core is slightly brecciaed towards bottom contact. |
| 136.9 | 138.5 | SANDSTONE | C2 | 10 | | Py | Interbedded quartz-carbonate sandstone with small bands of disseminated and veinlets of pyrite. Abundant carbonate veinlets and minor silica alteration. Minor magnetite present. 138.3m change from NQ to LTK60. |
| 138.5 | 142.7 | BANDED MASSIVE SULPHIDE | | | | PyCpy | Brecciaed/banded massive sulphide. 30% carbonate, 10% quartz and 20% schist fragments healed within 30% pyrite veins. Visible 1% Cpy in carbonate veins. Minor magnetite present. |
| 142.7 | 145.5 | SANDSTONE | C2 | 2 | 34 | Py | Fine grained massive sandstone beds. <5% pyrite bands. Abundant silica alteration. 5% qtz and carbonate veinlets. No visible magnetite. |
| 145.5 | 147.6 | SANDSTONE | G2 | | 10 | PyCpy | Brecciaed sandstone beds with abundant silica, carbonate and pyrite alteration. Small late stage cpy veinlets within qtz/carb veinlets. Abundant pyrite flooding. |
| 147.6 | 148.9 | SCHIST | A3 | 5 | | Py | Dark grey finely laminated graphic schist. Minor disseminated pyrite along foliation. Abundant carbonate and quartz veinlets with minor pyrite. No magnetite present. |
| 148.9 | 149.4 | FAULT | | 1 | | Py | Small puggy brecciaed open fault. Small 10cm qtz vein. Minor fault. |
| 149.4 | 158.1 | SCHIST | A3 | 5 | 58 | Py | Dark grey finely laminated graphic and micaceous schist. Minor disseminated pyrite along foliation. Abundant carbonate and quartz veinlets with minor pyrite. No magnetite present. |
| 158.1 | 168.1 | SCHIST | A2 | 5 | 48 | Py | Finely laminated light grey mica schist with minor dark grey graphic schist bands. Abundant disseminated Py along foliation. No magnetite present. |
| 168.1 | 168.8 | FAULT | A4 | | | | Small Pyritic fault zone, abundant qtz and carb veinlets. Cave? |
| 168.8 | 173.5 | SCHIST | A2 | 5 | 52 | Py | Finely laminated light grey micaceous schist with minor dark grey graphic schist bands. Abundant disseminated Py along foliation. No magnetite present. EOH 173.5m. |