

Diamond Drill Log

Comprehensive Report for Hole: WV05-156

| | | | | | | | |
|--|------------|---------------------|----------------|--------------------|------------|-------------|--------|
| Hole No. | WV05-156 | Depth: | 194.2 | Horizontal Length: | 0.0 | | |
| Property: | Wolverine | Province: | Yukon | | | | |
| Location: | Finlayson | | | | | | |
| Claim Number: | FOOT 10 | Reference Number: | 1614 | Project: | Wolverine | | |
| Grid Name: | Foot Grid | Grid Type: | | | | | |
| Grid North Azimuth Measured Clockwise From True North: | 35.00 | | | | | | |
| Grid Co-Ordinates & Altitude of Drill Hole Collar: | | | | | | | |
| Easting: | 16940 | Northing: | 16900 | Elevation: | 1397.7 | Hole Angle: | -75.00 |
| Hole Direction Measured Clockwise From Grid North: | 65.00 | | | | | | |
| Hole Direction Measured Clockwise From True North: | 90.00 | | | | | | |
| Date Drilling Started: | 19/04/2005 | Date Finished: | 25/04/2005 | | | | |
| Drilled By: | [REDACTED] | | | | | | |
| Logged By: | [REDACTED] | Logging Date Start: | 24/04/2005 | Finish: | 27/04/2005 | | |
| Legend for Core Logging Codes: | Wolverine | | | | | | |
| Core Size: | NQ 2 | Cemented: | Pie | | | | |
| Casing Depth: | 0.00 | Casing Pulled: | Yes | | | | |
| Water Depth: | 0.00 | Overburden Depth: | 0.00 | | | | |
| Level: | Section: | Drift: | | | | | |
| NTS Sheet Number: | 105G/08 | NTS Sheet Name: | Wolverine Lake | | | | |
| UTM Grid Zone: | 9 | UTM Easting: | 439844.286 | | | | |
| UTM Datum: | NAD 27 | UTM Northing: | 6811114.902 | | | | |

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Hole WV05-156 was drilled to test the Wolverine horizon on Line 16940E and 16900N. The hole was also drilled for piezometer installation and Packer testing. This hole intersected 0.9m of massive sulfide between 170.50m and 171.40m consisting of 70-80% pyrite, 2-4% sphalerite, 3-5% chlorite, 2-4% carbonate, and 5-10% quartz. The foliation of the ore body was generally 60 degrees to ca. which suggests a minimum true thickness of 0.77m ($\text{SIN}(45) \times 0.9\text{m} = 0.77\text{m}$). The immediate hanging wall was massive carbonaceous argillite and the immediate footwall was chlorite altered lapilli tuff. A Piezometer was installed in this hole. The core was logged and 28 samples were taken including 1 standard, 1 blank, and 1 duplicate, and submitted to ALS Chemex.

| Depth | Dip | Azimuth |
|--------|-------|---------|
| 0.00 | -75.0 | 60.0 |
| 35.70 | -74.4 | 61.6 |
| 78.40 | -78.1 | 78.2 |
| 121.00 | -78.7 | 87.7 |
| 163.70 | -79.0 | 110.8 |
| 181.10 | -77.7 | 119.1 |

| From | To | Rocktype & Description | S_from | S_to | Sample | Width |
|-------------|-------|---|--------|------|--------|-------|
| 0.00 | 14.30 | DHOB | | | | |
| 14.30 | 17.40 | RHFF <i>Interval includes some exotic blocks of the overburden above, ie. siliceous rhyolite, etc. Mostly thinly bedded, closely packed tuffs. Broken and blocky, poor recovery, not much to work with.</i> | | | | |
| 17.40 | 18.90 | RHFF <i>I would have logged this as RHAL, which is not in the dictionary. Very blocky, poor recovery. Appears to be mostly thinly bedded ash tuffs, but some chips are dark grey rhyolite, showing concave fracture, ie. massive rhyolite.</i> | | | | |
| 18.90 | 19.00 | RHTT <i>RHTT? Closely packed, stretched, medium grey, highly siliceous felsic lapilli plus a few fine lapilli, in a dark grey to black matrix. One lapilli is 6 cm long X 1 cm wide. Very blocky, with poor recovery. Matrix is « chl 10.00-15.00%».</i> | | | | |
| 19.00 | 25.00 | RHTT <i>RHTT/RHAL. Fine, highly stretched, closely crowded lapilli, dark grey, siliceous and felsic in a dark grey to black matrix of « chl 10.00-15.00%» with lesser « ser 2.00-5.00%». Minor thread-like, rusty fractures, « bedding 5.00°». Still very broken and blocky.</i> | | | | |
| 20.48-20.51 | | <i>Small breccia, with subangular dark grey rhyolite fragments in a dark grey to black matrix.</i> | | | | |
| 25.00 | 26.50 | RHFS <i>Medium grey and massive. Cut by thin, irregular « chl 2.00-4.00%» filled fractures, plus « minor ser 1.00-2.00%». Still very blocky. Trace « carb 1.00%» on one blocky piece of core.</i> | | | | |
| 26.50 | 30.00 | RHLT <i>Very fine, crowded, highly stretched lapilli and fine siliceous bands in a « chl 5.00%» matrix with « minor ser 2.00%».</i> | | | | |
| 30.00 | 31.68 | STGG <i>Fault gouge with angular fragments of the unit above.</i> | | | | |
| 31.68 | 32.70 | RHFS <i>Massive, grey to beige with what appear to be late, closely packed felsic lapilli in a black, « chl 10.00-12.00%» matrix. More likely highly crackle fractured, with the frags displaying a preferred orientation of 70-80, but go to 45 deg. near 32.5 m.</i> | | | | |
| 32.70 | 32.90 | RHLT <i>Medium grey with minor beige interbands. Fine stretched lapilli throughout, in a black chloritic matrix. Lapilli are extremely stretched, 25 mm long by 2 mm</i> | | | | |

| From | To | Rocktype & Description | S_from | S_to | Sample | Width |
|------|----|--|--------|------|--------|-------|
| | | wide. « foliation 60.00° ». May be some fine ash fall tuff beds, « chl 10.00% ». | | | | |
| | | 32.90 38.70 RHLT RHAL ? Dark grey, with fine, darker, stretched lapilli. Mostly ash tuff, « bedding 60.00° », « chl 15.00% ». Very poor recovery. Fine grey « carb 2.00-4.00% » str along the foliation planes, plus pervasive carbonatization. Fault gouge at end, with angular fragments of this unit. | | | | |
| | | 38.70 40.80 EXSP Grey and glassy, with a few fracture planes coated in « chl 2.00-3.00% ». Tr disseminated « py 1.00% ». Completely broken into small angular pieces. | | | | |
| | | 40.80 41.20 RHFF RHTT ? Dark grey and fairly massive, with a few stretched lapilli, plus very fine stretched dark mafics now chloritized, « chl 1.00-2.00% ». Coarse-grained clots of « py 1.00% », « bedding 55.00° ». | | | | |
| | | 41.20 41.60 EXMT Interbanded black, fine-grained, magnetite- rich bands « mag 25.00-30.00% » and greyish-white silica-rich bands, with fine disseminations of magnetite. Primary banding « bedding 50.00° », lower contact (@ 41.60 contact 60.00°). Coarse-grained, recrystallized « py 1.00-2.00% ». | | | | |
| | | 41.60 41.85 RHMS Dark brownish-grey and massive, « S1 55.00° », defined by hairline « chl 2.00-5.00% » covered bedding planes. Disseminated « py 1.00% ». gradational contact with below. | | | | |
| | | 41.85 42.10 RHFF RHTT ? Similar to the above, but darker grey and thinly bedded, with very fine-grained, stretched mafics and some white, stretched, overprinted feldspars, « chl 5.00% », fine-grained « py 5.00-7.00% », « cpy 1.00% ». « S1 60.00° ». No magnetite. | | | | |
| | | 42.10 44.70 EXMT Dark grey and finely bedded, with silica and magnetite-rich beds. Beds of magnetite are pencil-thin to +20 cm wide, « mag 30.00% ». Coarse-grained, recrystallized, disseminated « py 5.00-10.00% ». Lower contact (@ 44.70 contact 40.00°). | | | | |
| | | 42.2-42.27: Semi-massive, fine-grained py « py 85.00% » band, « 42.20- 42.27 bedding 55.00 » | | | | |
| | | 43.2-43.34: White to greenish-white quartz vein, « chl 5.00-10.00% ». Deformed, irregular contacts. | | | | |

| From | To | Rocktype & Description | S_from | S_to | Sample | Width |
|------|----|--|--------|------|--------|-------|
| | | 13.34-44.7: Almost massive, fine-grained magnetite, « 43.34- 44.70 mag 75.00%», with « py 10.00-15.00%», disseminated and as discontinuous stringers. Numerous quartz « stringers », very deformed, whitish-grey to glassy white. | | | | |
| | | 44.70 45.20 EXSP Lighter and darker grey interbands, « bedding 75.00-80.00°»; « chl 2.00-3.00%» defines some bedding planes. Disseminated « py 2.00-4.00%». | | | | |
| | | 45.20 45.50 EXMT Similar to the unit above, with 5-7 cm wide magnetite « mag 10.00%» rich bands plus silica-rich bands with very fine-grained, disseminated magnetite. Bedded « bedding 60.00°», « py 3.00-5.00%». | | | | |
| | | 45.50 46.00 EXSP Pale grey, cherty, very vaguely bedded, with bedding planes marked by « chl 2.00-4.00%». Disseminated « py 2.00-3.00%». | | | | |
| | | 46.00 46.40 RHLT Dark grey and siliceous, with very fine-grained, stretched, lighter grey lapilli, « chl 5.00%». Poor recovery. | | | | |
| | | 46.40 50.20 EXSP ale grey, massive and cherty, with a few darker interbands. Broken and blocky, « py 1.00%», disseminated. | | | | |
| | | 47.6-50.2: Large angular pieces of chert in fault gouge. | | | | |
| | | 50.20 51.15 EXMT Dark grey, with silica and chl-rich bands. Weakly magnetite-rich, « mag 5.00%», disseminated « py 2.00-3.00%». Primary bedding, « S1 60.00°» to CA. | | | | |
| | | 51.15 54.00 EXSP Medium grey, massive silica, with « py 5.00%» as disseminated and fine bands. | | | | |
| | | 54.00 69.20 DHLC No recovery. | | | | |
| | | 69.20 72.00 ARCB Very poor recovery. Black with lighter grey siliceous interbands, « pervasive carb 10.00%». Bedding « S1 60.00°». | | | | |
| | | 72.00 75.30 ARMS Dark grey to black, thinly bedded « bedding 50.00°». Minor graphite « graph 5.00%« py 2.00-3.00%» along fractures. | | | | |
| | | 75.30 76.00 EXSP Pale grey and siliceous with trace disseminated « py 1.00%». Very poor recovery, with small, angular chips. | | | | |
| | | 76.00 76.25 QTVN | | | | |

| From | To | Rocktype & Description | S_from | S_to | Sample | Width |
|------------|-------|--|--------|------|--------|-------|
| | | Greyish-white, milky to glassy, « chl 5.00% » partings. Very broken and blocky. | | | | |
| 76.25 | 76.50 | STGG | | | | |
| | | Clay-rich fault gouge of the unit below. | | | | |
| 76.50 | 81.30 | ARMS | | | | |
| | | Dark grey to black, weakly bedded « S1 60.00° », but very rubbly core. | | | | |
| 81.30 | 86.30 | ARTF | | | | |
| | | Volcanosediments. Numerous very elongate grey felsic (siliceous) lapilli, in a dark grey to black ash tuff (to argillaceous) matrix. There are also some siliceous bands that may represent larger lapilli. « S1 55.00° ». Graphite « graph 2.00-4.00 », thin « stringers » of « py 1.00% ». | | | | |
| 82.7-86.3 | | Fewer large lapilli, more of a true argillite with a few lapilli preserved. | | | | |
| 85.8-85.82 | | Massive band of « py 98.00% », coarse-grained and recrystallized. | | | | |
| 86.30 | 88.90 | EXSP | | | | |
| | | EXSP/RHTT Very broken, with poor core recovery, but appears to be interbanded cherty exhalative and very fine grained, siliceous rhyolite tuff. Former is greyish-white and massive to grey and glassy, with trace « py 1.00% ». Latter has very fine-grained, highly stretched, closely packed siliceous lapilli in a « ser 10.00% » matrix. « S1 60.00° », as is one visible contact. Brecciated at the beginning. | | | | |
| 88.90 | 90.00 | QTVN | | | | |
| | | Several generations of quartz, cracked and rehealed, greyish-white to white and massive, to clear grey. Green « chl 5.00-7.00% » and coarse « stringers » and clots of « py 10.00% ». | | | | |
| 89.85-90.0 | | Later bull milky white quartz vein near parallel to the CA. | | | | |
| 90.00 | 90.60 | RHLT | | | | |
| | | Medium grey with siliceous banding and thin tuff beds, containing very fine (1-5 mm long), stretched, crowded grey lapilli in a matrix of « chl 5.00% » and « ser 5.00% ». « S1 65.00° », « py 1.00-2.00% » mostly in irregular, late fractures. | | | | |
| 90.60 | 91.00 | QTVN | | | | |
| | | Bull white to yellowy-white, massive, « minor chl 5.00-7.00% » partings. Can't measure contacts. | | | | |
| 91.00 | 95.70 | RHLT | | | | |
| | | Fairly massive rhyolite (RHMS) with beds containing very fine-grained, highly stretched siliceous lapilli, slightly darker grey in a lighter grey matrix of silica, « S1 50.00° », trace « py 1.00% », « ser 5.00% ». | | | | |

| From | To | Rocktype & Description | S_from | S_to | Sample | Width |
|------|----|--|--------|------|--------|-------|
| | | 92.6-92.7: Milky white quartz vein, as above, very broken and blocky. | | | | |
| | | 94.8-95.7: Gravel, very little recovery, but same rock type. | | | | |
| | | 95.70 97.80 EXMT Well bedded, « S1 50.00° », with lighter and darker grey interbands. Weakly magnetic, with very thin magnetite « mag 3.00-5.00 » beds. Some net-textured « py 2.00-3.00% ». Broken and blocky, especially at the end. | | | | |
| | | 97.80 101.00 ARGR Black and fine-grained, poor recovery, with clay fault gouge throughout. Stockworks of creamy white « carb 5.00-10.00% ». | | | | |
| | | 101.00 105.80 EXMT 101.0-101.3: Light and dark grey interbands, silica-rich and ash fall tuff/argillite-rich. Bedding, « S1 30.00-40.00° », but somewhat disrupted. Net-textured « py 1.00-3.00% ». | | | | |
| | | 101.3-101.5: Very thin beds of silica, grey to greyish-white, and marked by « ser 2.00-5.00% ». | | | | |
| | | 101.5-103.6: Similar but darker grey with extremely disrupted bedding, brecciated in places. Moderate « carb 5.00-10.00% » altered, some as broken white « stringers ». Patchy magnetite rather than distinct layers, plus some fine disseminations, « 101.50- 103.60 mag 10.00-15.00% ». | | | | |
| | | 103.6-104.0: Paler grey, less siliceous, more « chl 5.00-10.00% » and « ser 2.00-5.00% ». Fine disseminated magnetite « 103.60- 104.00 mag 2.00-4.00% » and coarse-grained recrystallized « py 3.00-5.00% ». | | | | |
| | | 104.0-104.45: Similar, but moderately « carb 7.00-10.00% » altered. | | | | |
| | | 104.45-105.4: Near massive magnetite « 104.45- 105.80 mag 75.00% », with disseminated coarse-grained « py 5.00-7.00% ». Numerous irregular « carb 10.00% » « stringers ». Vague banding, « S1 55.00° ». | | | | |
| | | 105.4-105.8: Much less magnetite, « 105.40- 105.80 mag 2.00-5.00% ». | | | | |

| From | To | Rocktype & Description | S_from | S_to | Sample | Width |
|--------|--------|--|--------|------|--------|-------|
| 105.80 | 109.80 | <p>RHFS Pale grey and fairly massive. Bedding planes, « S1 65.00° », marked by fine « chl 5.00% », with disseminated « py 3.00-5.00% » and orangy-brown « sph 1.00% ».</p> | | | | |
| | | 106.8-108.1: Cut by irregular, whitish-grey « carb 3.00-5.00% » stringers. | | | | |
| | | 108.1-108.6: Broken and blocky, fault gouge in part. | | | | |
| | | 108.6-109.8: Similar, but more black « chl 15.00-20.00% ». Irregular « carb 5.00% » « stringers ». Qtz-chl vein at 109.3-109.6. | | | | |
| 109.80 | 114.35 | <p>RHFF RHTT ?? Medium greyish-beige and thinly bedded, « S1 30.00° », with bedding a bit disrupted and displaced. Possible fine lapilli. Matrix is « chl 7.00-10.00% », « ser 10.00% » and fine-grained « py 15.00-20.00% ». pervasively « carb 10.00% » altered.</p> | | | | |
| | | 110.6-110.65: Milky white quartz vein, at 60 degrees. | | | | |
| | | 110.9-11.3: Dark grey, more « chl 10.00-15.00% ». | | | | |
| | | 11.3-11.6: Fault gouge. | | | | |
| | | 11.6-114.35: Greyish-beige and much finer-grained, with a few possible fine lapilli. Cut by « carb 5.00% » « stringers ». Very poor recovery. | | | | |
| 114.35 | 116.40 | <p>ARGR Black and graphitic. Some bedding planes, « S1 60.00-65.00° » are so intensely graphitic that they are shiny. There are beds throughout of fine, paler grey, siliceous lapilli. Minor « carb 2.00-4.00% » « stringers », and « py 1.00-3.00% » stringers.</p> | | | | |
| 116.40 | 119.90 | <p>RHFS Moderately grey, siliceous and fairly massive, with dark grey interbeds at the start, changing to greenish-brownish grey. These beds, at 60 degrees, are less prevalent than the siliceous ones. The green-brown are « chl 10.00% » rich, with « ser 2.00-5.00% ». Fine disseminated « py 1.00% ».</p> | | | | |
| | | 119.0-119.2: More highly siliceous, pale grey, with fewer dark interbeds. | | | | |
| 119.90 | 124.00 | <p>ARMS Dark grey with very fine bedding planes marked by graphite. « S1 65.00° ». Some</p> | | | | |

| From | To | Rocktype & Description | S_from | S_to | Sample | Width |
|------|----|--|--------|------|--------|-------|
| | | beds are lighter grey and more siliceous. Pale greyish-white « quartz stringers » along some bedding/foliation planes, plus thready « py 1.00-3.00% ». Not « carb » altered. | | | | |
| | | 122.0-122.3: Irregular « carb 25.00% » stockwork. | | | | |
| | | 124.00 130.75 RHFS | | | | |
| | | Competant unit with good recovery. Pale grey, with lighter grey interbands. Almost pure silica. Some of the darker, thin beds are « chl 3.00-5.00% » and « ser 5.00-7.00% » altered, and may represent thin ash fall tuff beds. Disseminated « py 1.00-3.00% » throughout. « S1 55.00* ». Trace « cpy 1.00% » and « sph 1.00% ». | | | | |
| | | 124.0 124.3: Transitional zone with dark grey siliceous beds. | | | | |
| | | 128.3-129.1: Probable stretched lapilli, 25 mm by 5 mm, lighter grey and siliceous. | | | | |
| | | 129.3-129.5: Open cavity with calcite crystals, 15-20%. | | | | |
| | | .30.75 131.40 ARMS | | | | |
| | | Dark grey to black with lighter grey, siliceous interbeds. Some irregular, boudinaged « quartz stringers ». Late fractures at 30 degrees cut the foliation, and contain trace « py 1.00% ». | | | | |
| | | 130.75-130.8: Broken, graphitic, minor fault zone. | | | | |
| | | 131.40 131.90 RHFF | | | | |
| | | RHTT ? Pale grey stretched lapilli, 2-3 cm long, in a darker matrix of sil-chl, « chl 5.00-10.00% », with « minor ser 1.00-2.00% ». | | | | |
| | | 131.6-131.75: White carb-qtz stringer, very ragged contacts. | | | | |
| | | 131.90 135.00 RHFS | | | | |
| | | Pale grey, massive, hard and siliceous. Faint, widely spaced bedding planes marked by « chl 2.00-4.00% » and « py 1.00-2.00% ». Pale overprinted subangular feldspars (?) or leucoxenes. | | | | |
| | | 135.00 136.55 RHAR | | | | |
| | | Pale grey aphanitic rhyolite with 25-35% darker grey argillite bands. The latter could be fine ash fall tuff beds. | | | | |
| | | 136.55 138.20 RHFS | | | | |
| | | 136.55-136.8: Medium grey, hard and siliceous with lighter and darker grey interbeds. « chl 5.00% » with « ser 5.00-10.00% » rich interbeds, « py 1.00% ». | | | | |

| Project: Wolverine | | | Hole Number: WV05-156 | | | |
|--------------------|----|--|-----------------------|--------|---------|-------|
| From | To | Rocktype & Description | S_from | S_to | Sample | Width |
| | | Minor deformed « carb 1.00% » stringers. | | | | |
| | | 136.8-138.2: More massive, with fewer thin « chl 3.00-5.00% » partings, « py 1.00-3.00% », virtually no « ser 1.00-2.00% » S1 60.00°. | | | | |
| | | 138.20 138.80 RHAR | | | | |
| | | Not a big change from above, but more dark interbands, which have some « chl 10.00-15.00% », but are highly siliceous. | | | | |
| | | 138.80 163.70 ARSI | | | | |
| | | Dark grey with lighter grey, highly siliceous interbands. gradational contacts with the above. Becomes more carbonate-rich down the hole, with white, deformed carb-qtz « stringers » and local pervasive carbonatization; « py 1.00-3.00% » is more prevalent at the start of the section with « py 10.00% ». | | | | |
| | | 140.3-140.55: White to greyish-white quartz, white « carb 10.00-15.00% », with « minor chl 2.00-3.00% » and « py 1.00% ». Lower contact @ 140.55 contact 60.00°. | | | | |
| | | 145.4-163.7: Virtually no recovery. | | | | |
| | | 163.70 165.55 ARCB | 163.70 | 165.55 | B204846 | 1.85 |
| | | Dark grey to black and finely bedded, « S1 60.00° », with very irregular, discontinuous « carbonate stringers ». Pervasively « carb 10.00-15.00% » altered, « py 2.00-5.00% ». | | | | |
| | | 165.5-165.55: Broken core, but massive band of « py 70.00-75.00% » with dark brown « sph 20.00-25.00% ». | | | | |
| | | 165.55 170.50 ARMS | 165.55 | 166.10 | B204847 | 0.55 |
| | | 165.55-166.1: Paler grey, soft and schistose, clay-rich, adjacent to fault zone. | 166.10 | 166.40 | B204848 | 0.30 |
| | | | 166.40 | 167.00 | B204849 | 0.60 |
| | | | 167.00 | 167.80 | B204850 | 0.80 |
| | | 166.1-166.5: Fine argillite fragments in a graphitic clay matrix. Fault zone. | 167.80 | 169.10 | B204825 | 1.30 |
| | | | 169.10 | 170.50 | B204826 | 1.40 |
| | | 166.5-169.9: Black, fine-grained, almost massive. « S1 50.00° ». Very thin, wispy white « qtz-carb stringers », « py 4.00-5.00% », mostly in semi-massive stringers, including one at 167.0-167.05. Small fault zone, 169.2-169.4. More carbonate from 168.3-168.5. | | | | |
| | | 169.9-170.5: paler grey, cut by irregular « carbonate stringers », with remobilized « py 1.00-3.00% » and « sph 1.00% ». More « py 2.00-3.00% » along | | | | |
| 25/11/2005 | | | Page | | | 8 |

| From | To | Rocktype & Description | S_from | S_to | Sample | Width |
|--------|--------|--|--------|--------|---------|-------|
| | | he foliation planes. | | | | |
| 170.50 | 171.40 | PYMS Mostly fine-grained « py 70.00-80.00% » in a gangue of « qtz 5.00-10.00% », « chl 3.00-5.00% » and « carb 2.00-4.00% »; « sph 2.00-4.00% » overall, but elevated at the start. Both contacts at 60 degrees. | 170.50 | 171.40 | B204827 | 0.90 |
| | | 170.65-170.80: Thin, very disrupted argillite beds. | | | | |
| | | 171.05-171.4: Thinly banded, « S1 60.00° », with elevated « sph 10.00-15.00% ». | | | | |
| 171.40 | 172.60 | RHFF RHTT ? Dark grey with a range of lapilli sizes, from coarser, pale grey, to extremely fine, greyish-green, closely packed lapilli. Matrix is « chl 5.00-10.00% » and « carb 3.00-5.00% ». Course-grained disseminated « py 10.00-15.00% » and « cpy 2.00-4.00% », galena « gal 1.00% ». | 171.40 | 172.60 | B204828 | 1.20 |
| | | 171.4-171.6m - Graphitic argillite, shiny, poor recovery, partly fault gouge. | | | | |
| 172.60 | 175.77 | ARCB Medium grey with pervasive « carb 5.00-10.00% », plus very thin black interbeds, py 1.00-2.00%. « S1 55.00° ». | 172.60 | 173.60 | B204830 | 1.00 |
| | | 173.4-173.7: Massive, f.g., black. | | | | |
| | | 173.7-173.8: Semi-massive, « py 60.00-70.00% », in a matrix of « carb 10.00-15.00% » and « sil 5.00-10.00 ». | | | | |
| | | 173.8-174.0: ARCB | | | | |
| | | 174.0-174.3: Semi-massive « py 100.00% » band, as above, « @ 174.00 contact 55.00 ». | | | | |
| | | 174.3-175.77: Many broken « carb » « stringers ». Stringer zone of « py 25.00-30.00% », with « sph 1.00% », trace « cpy 1.00% ». | | | | |
| | | 175.65-175.77: Semi-massive « py 65.00-75.00% » band, « chl 5.00% », « carb 5.00-10.00% », « sph 2.00-4.00% ». | | | | |
| 175.77 | 177.75 | RHST 175.77-176.45: Glassy grey, closely packed siliceous lapilli in a lime green matrix of « ser 5.00-15.00% », « chl 2.00-3.00% » and « py 2.00-10.00% ». Thick « carb 10.00-15.00% » bands. | 175.77 | 177.75 | B204833 | 1.98 |

| From | To | Rocktype & Description | S_from | S_to | Sample | Width |
|------|----|--|--------|--------|---------|-------|
| | | 176.45-176.75: Semi-massive band of « py 70.00-80.00%», « carb 2.00-5.00%» plus thin bands of blackjack « sph 2.00-4.00%». | | | | |
| | | 177.75 181.40 RHFF | 177.75 | 177.75 | B204834 | 0.00 |
| | | RPQL | 177.75 | 179.30 | B204835 | 1.55 |
| | | | 177.75 | 179.30 | B204836 | 1.55 |
| | | 176.75-179.9: Sericite-rich lapilli tuff. Lapillis are fine-grained, highly stretched, pale whitish-grey. There are also some bluey-grey quartz grains (not really eyes), plus some dark grey quartz eyes, fine-grained, 2-3% locally. Matrix is « ser 5.00-7.00%», « chl 1.00-3.00%» and « py 2.00-5.00%». | 179.30 | 180.30 | B204837 | 1.00 |
| | | | 180.30 | 181.40 | B204838 | 1.10 |
| | | | 180.30 | 181.40 | B204839 | 1.10 |
| | | 179.9-180.2: Semi-massive « py 40.00-50.00%». | | | | |
| | | 181.40 183.80 RHFF | 181.40 | 182.70 | B204840 | 1.30 |
| | | RHTT? Very fine, grey, siliceous lapilli in a sericitic matrix, grading back and forth in a py-rich matrix; « ser 5.00-10.00%», « py 40.00-60.00%». Some lapilli are bluey-grey in colour. Local carb-rich bands. | 182.70 | 183.80 | B204841 | 1.10 |
| | | 182.2-182.55: Semi-massive « py 85.00-90.00%», « chl 5.00%», « sph 1.00-2.00%». | | | | |
| | | 183.3-183.8: More « chl 15.00-20.00%» rich, almost argillaceous, with semi-massive pyrite over the last 0.15 m. | | | | |
| | | 183.80 186.20 RHFF | 183.80 | 184.80 | B204842 | 1.00 |
| | | RHTT ?? Closely packed grey and greyish-white lapilli, fine-grained in a paler grey, siliceous matrix with some « chl 5.00-7.00%», « py 2.00-5.00%», « ser 2.00-5.00%». « S1 55.00%». | 184.80 | 186.20 | B204843 | 1.40 |
| | | 186.20 188.10 ARMS | 186.20 | 187.30 | B204844 | 1.10 |
| | | Dark grey, a bit graphitic, with « minor carb 3.00-5.00%» stringers. | 187.30 | 188.10 | B204845 | 0.80 |
| | | 188.10 194.20 RHFF | | | | |
| | | RHTT, as described above. | | | | |
| | | 191.1-194.2: Very little recovery. | | | | |
| | | 194.20 194.20 EOH | | | | |